

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

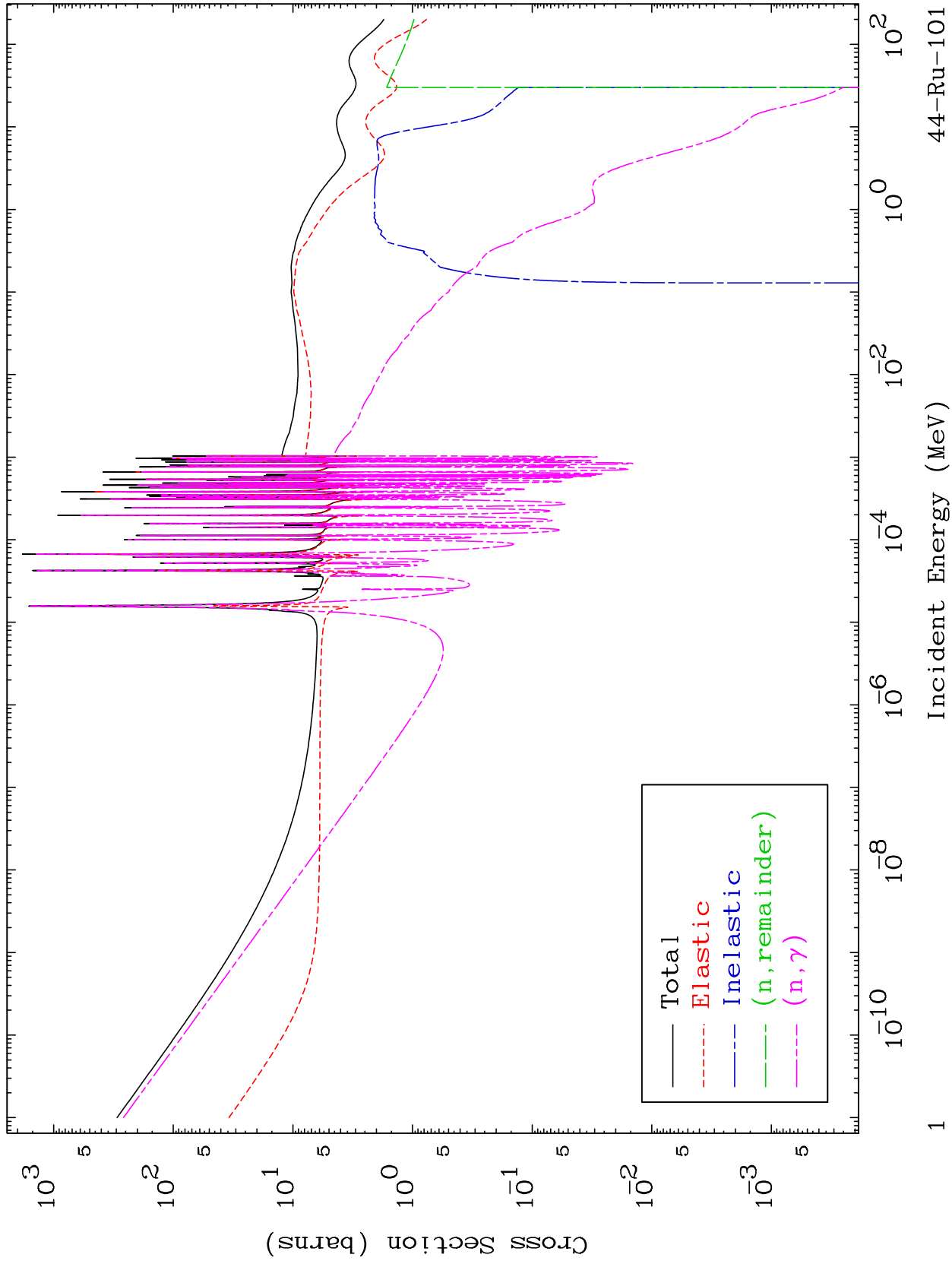
Press Mouse Button to Start

MAT 4440

Major

293 Kelvin Cross Sections

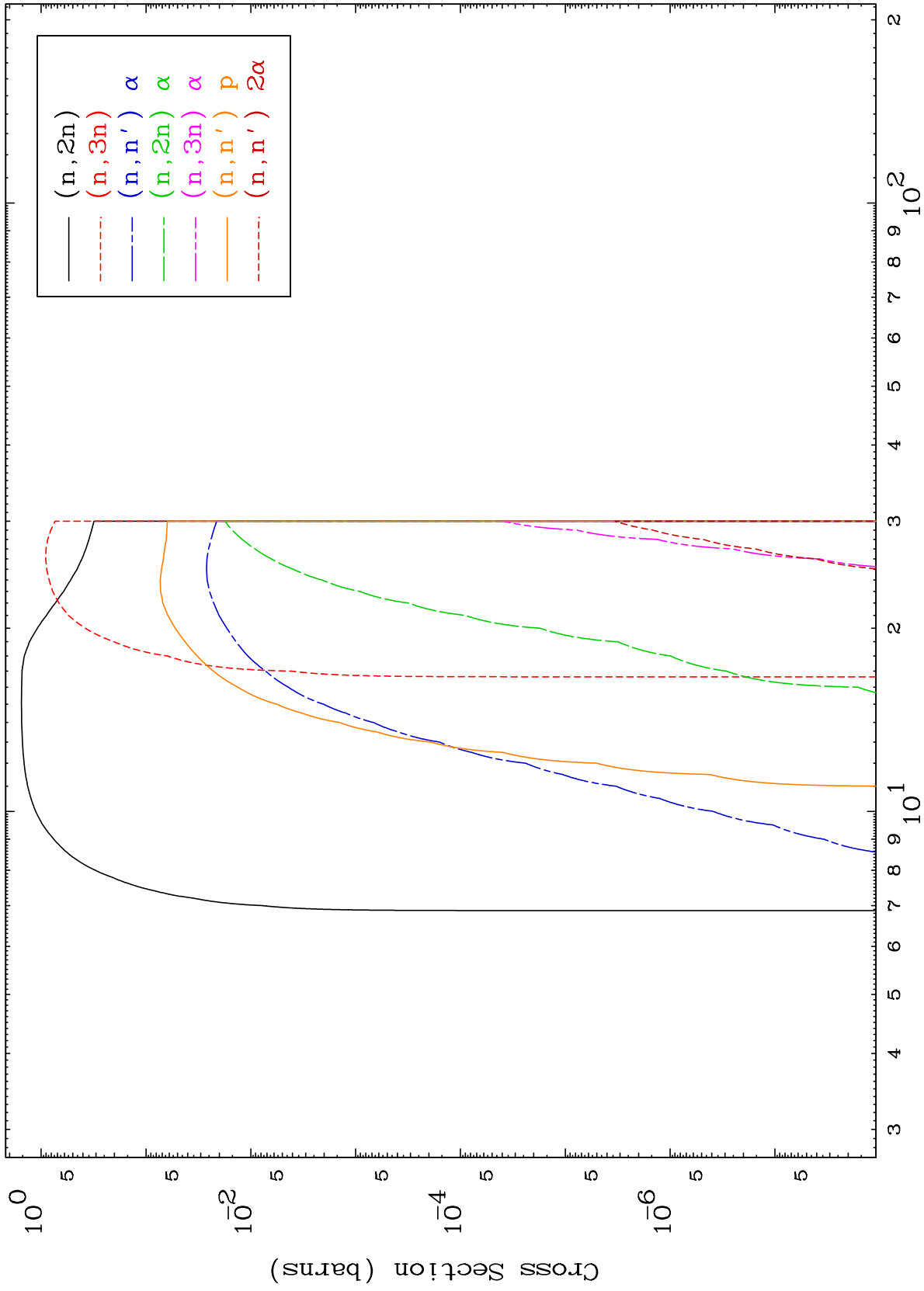
44-Ru-101



MAT 4440

Neutron Production
293 Kelvin Cross Sections

44-Ru-101



2

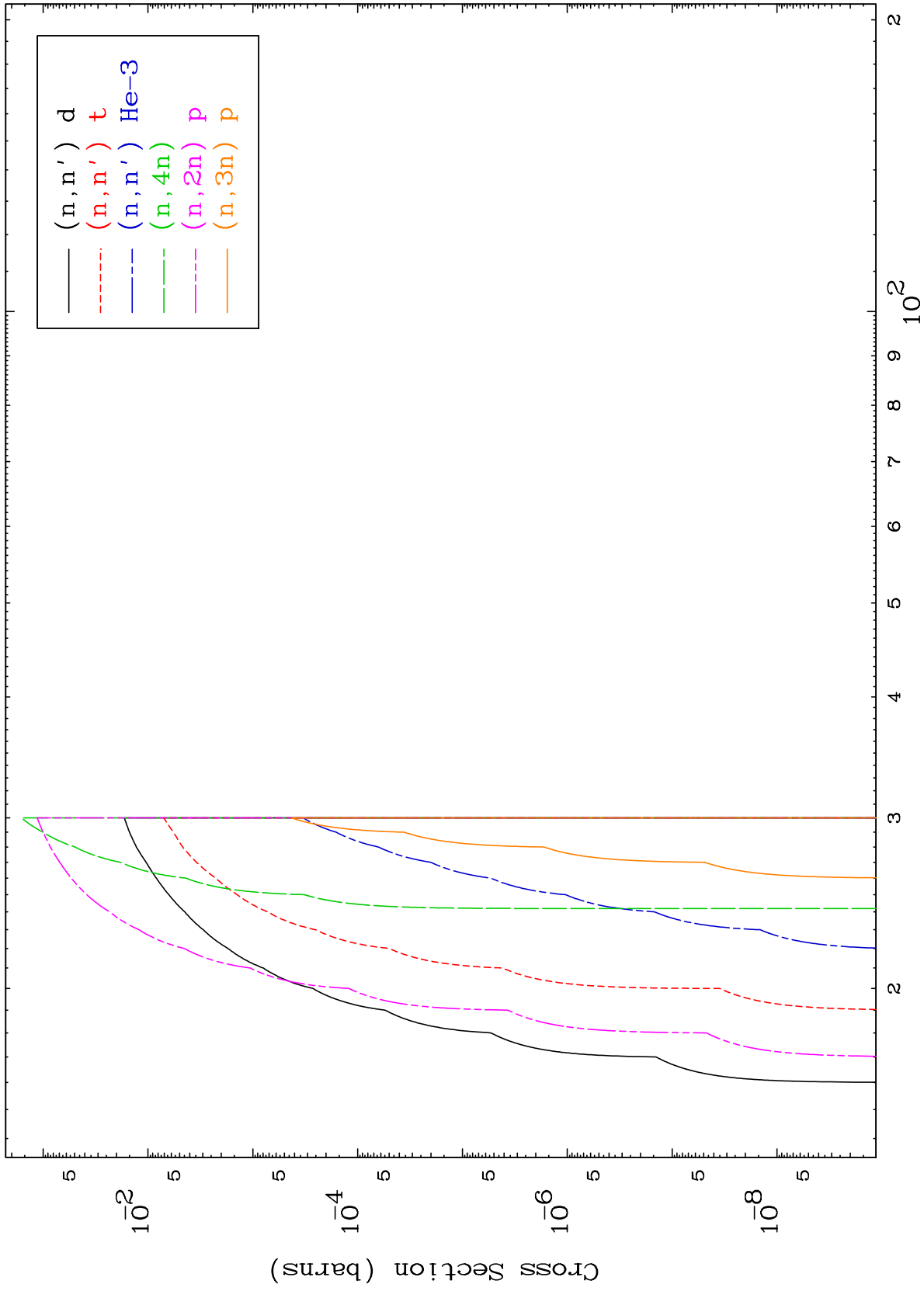
Incident Energy (MeV)

44-Ru-101

MAT 4440

Neutron Production
293 Kelvin Cross Sections

44-Ru-101



3

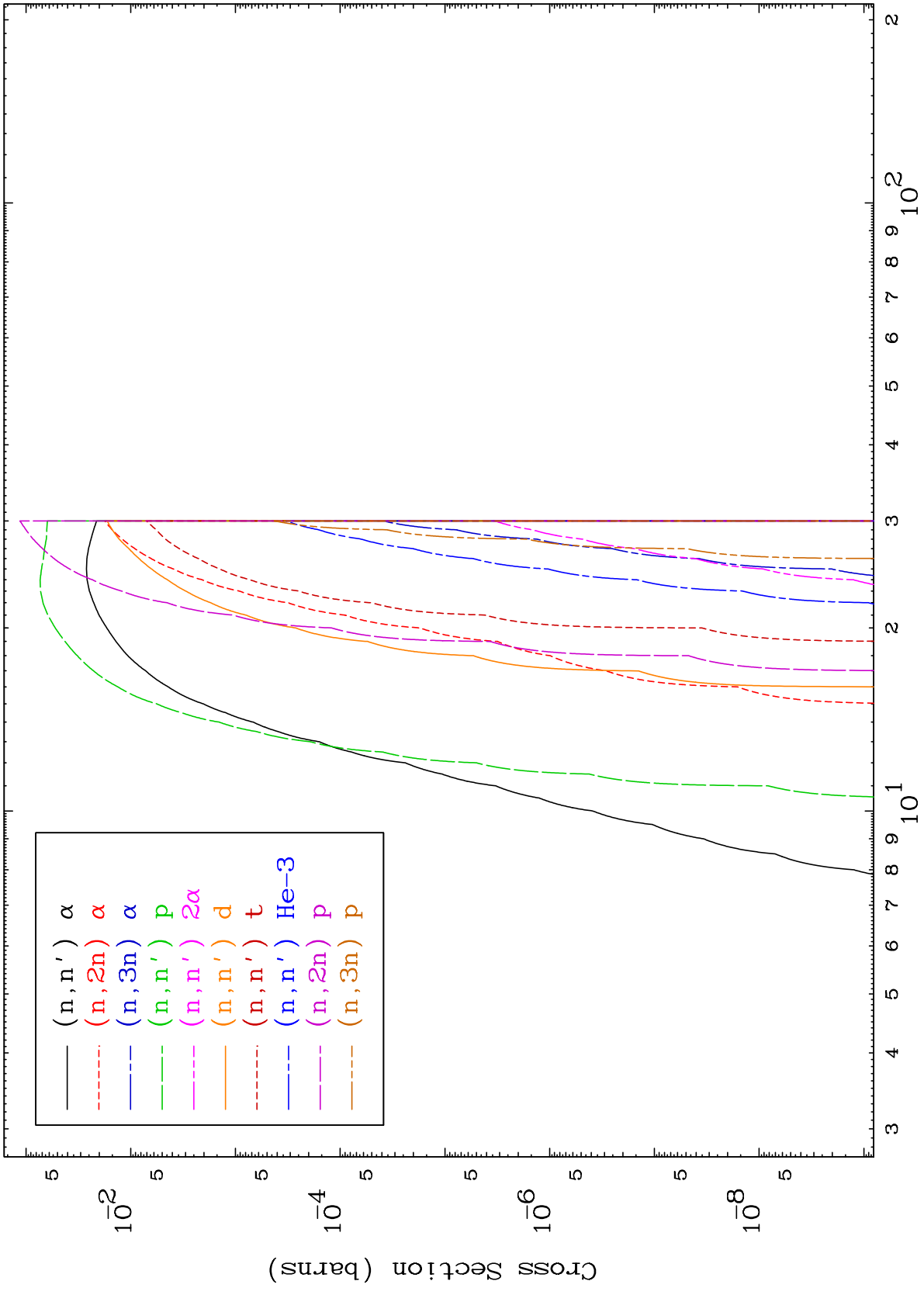
Incident Energy (MeV)

44-Ru-101

MAT 4440

Charged Particle
293 Kelvin Cross Sections

44-Ru-101



4

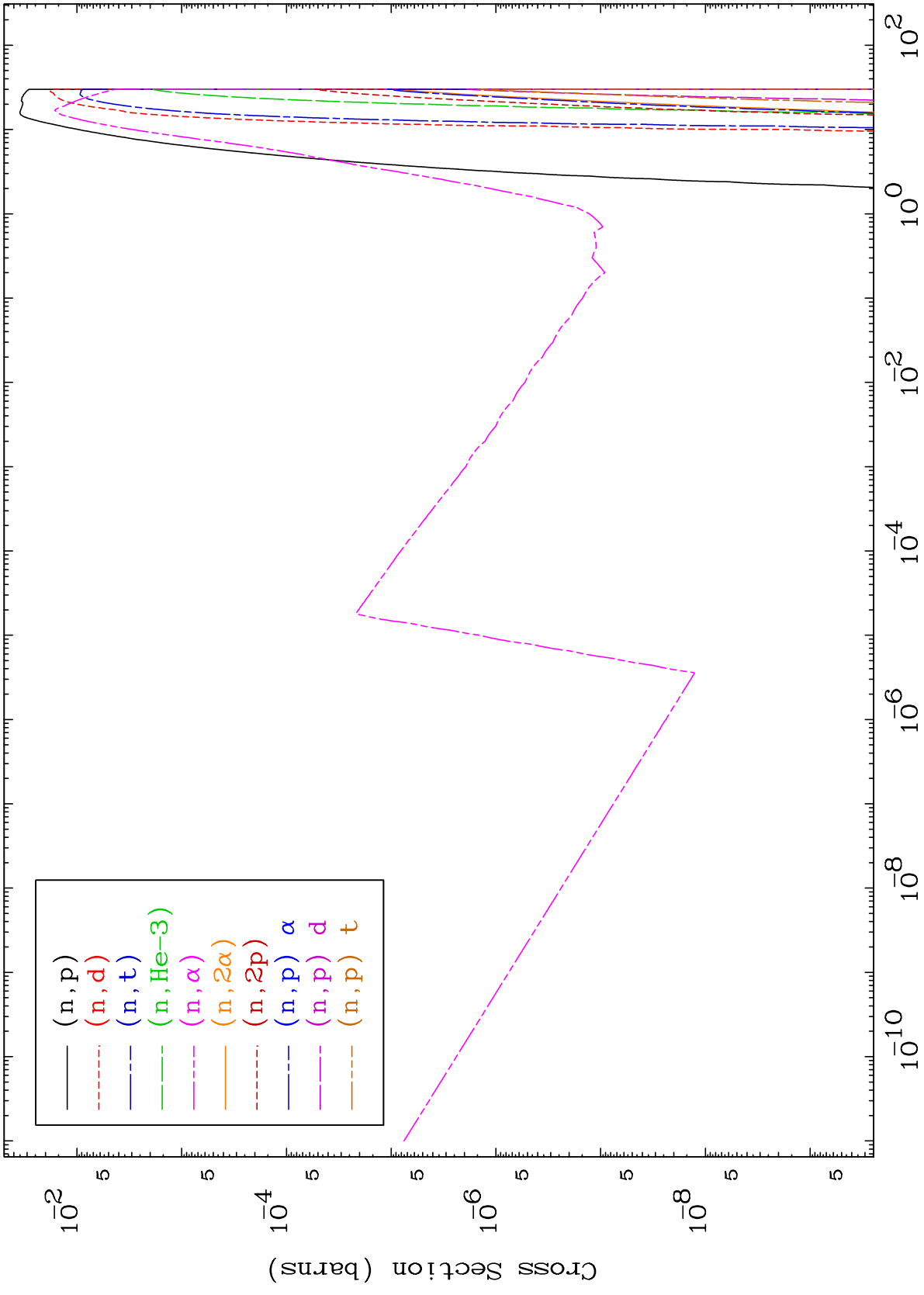
Incident Energy (MeV)

44-Ru-101

MAT 4440

293 Kelvin Cross Sections

44-Ru-101



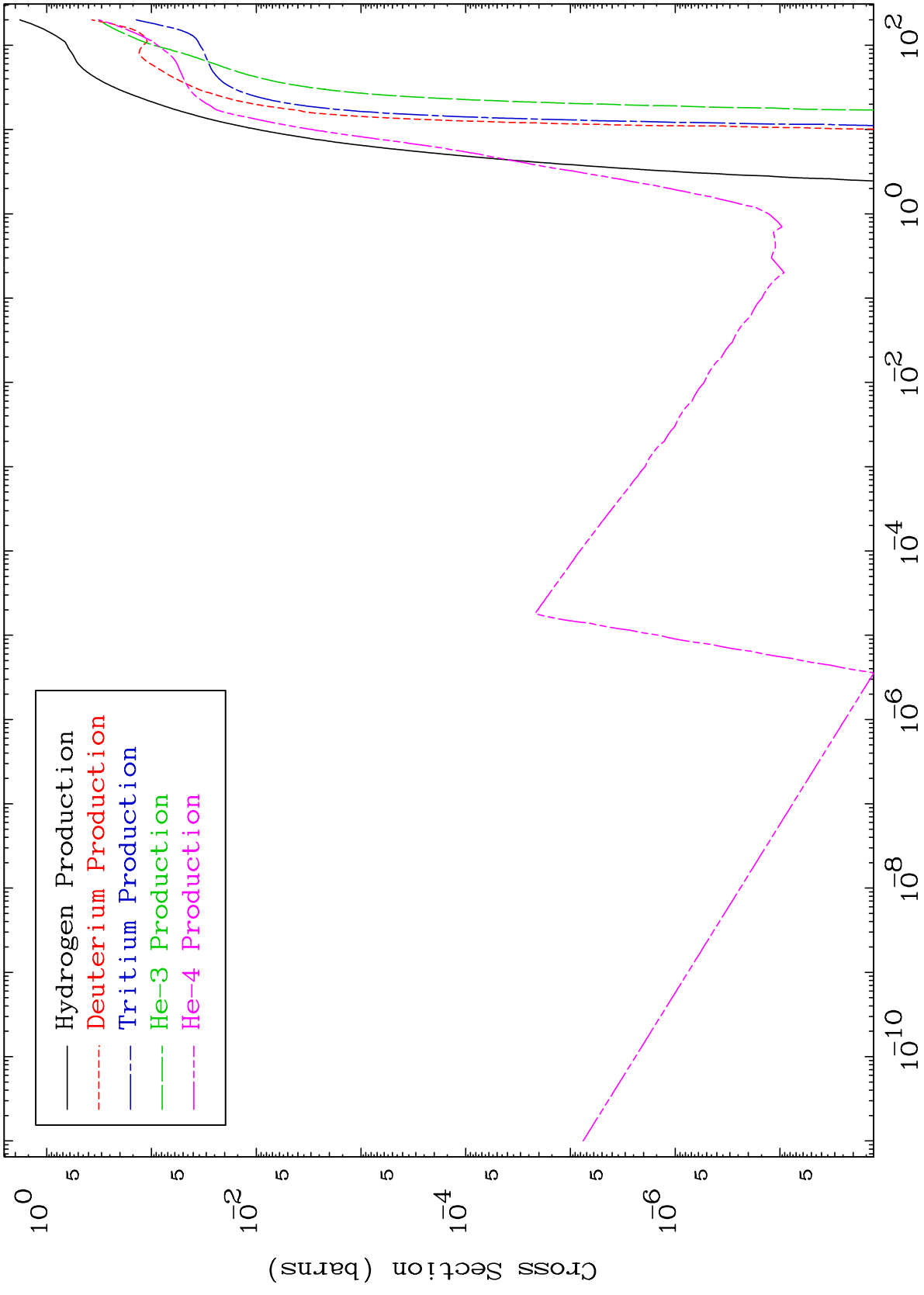
5

44-Ru-101

MAT 4440

Particle Production
293 Kelvin Cross Sections

44-Ru-101



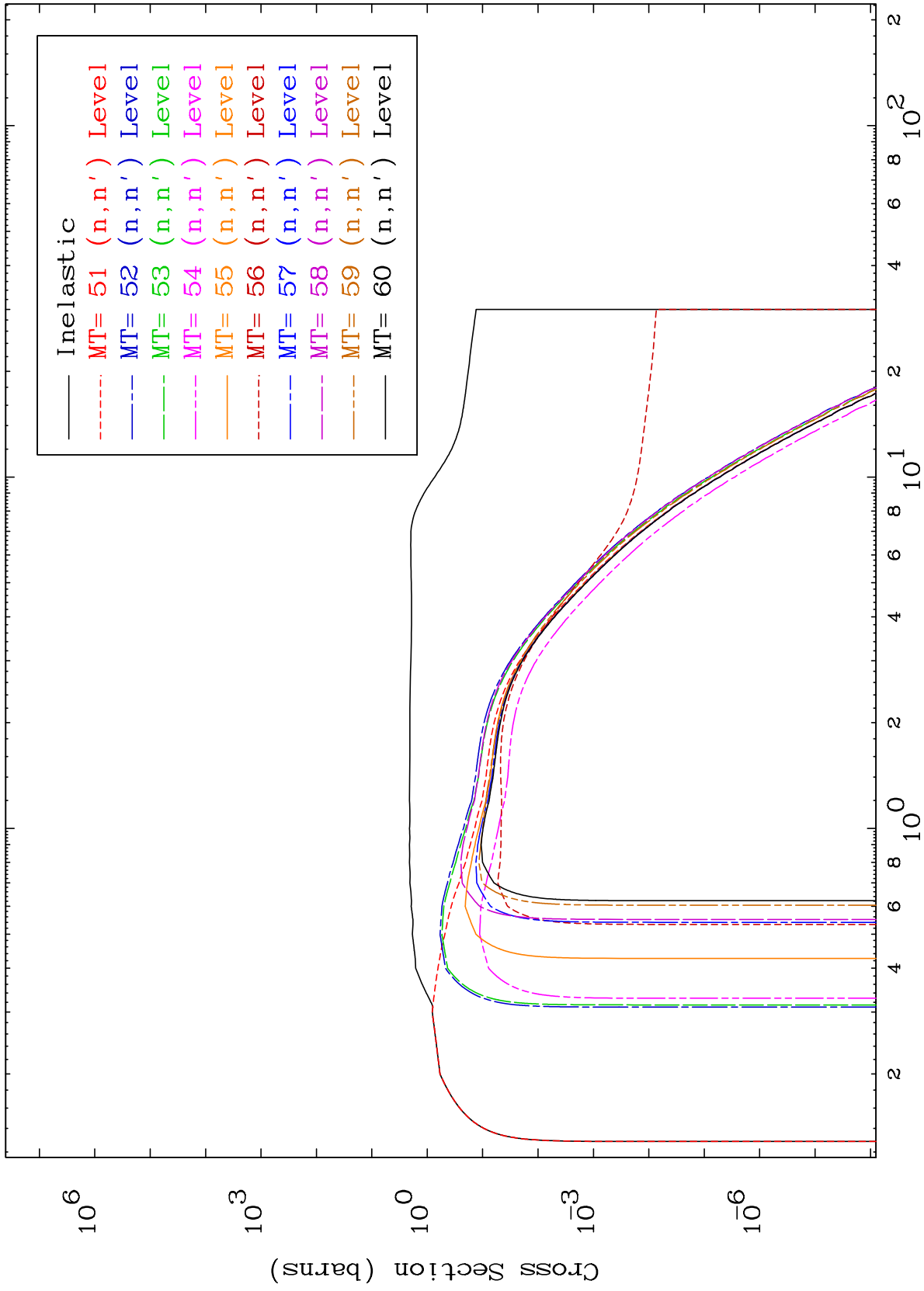
44-Ru-101

MAT 4440

(n,n') Level

44-Ru-101

293 Kelvin Cross Sections



7

Incident Energy (MeV)

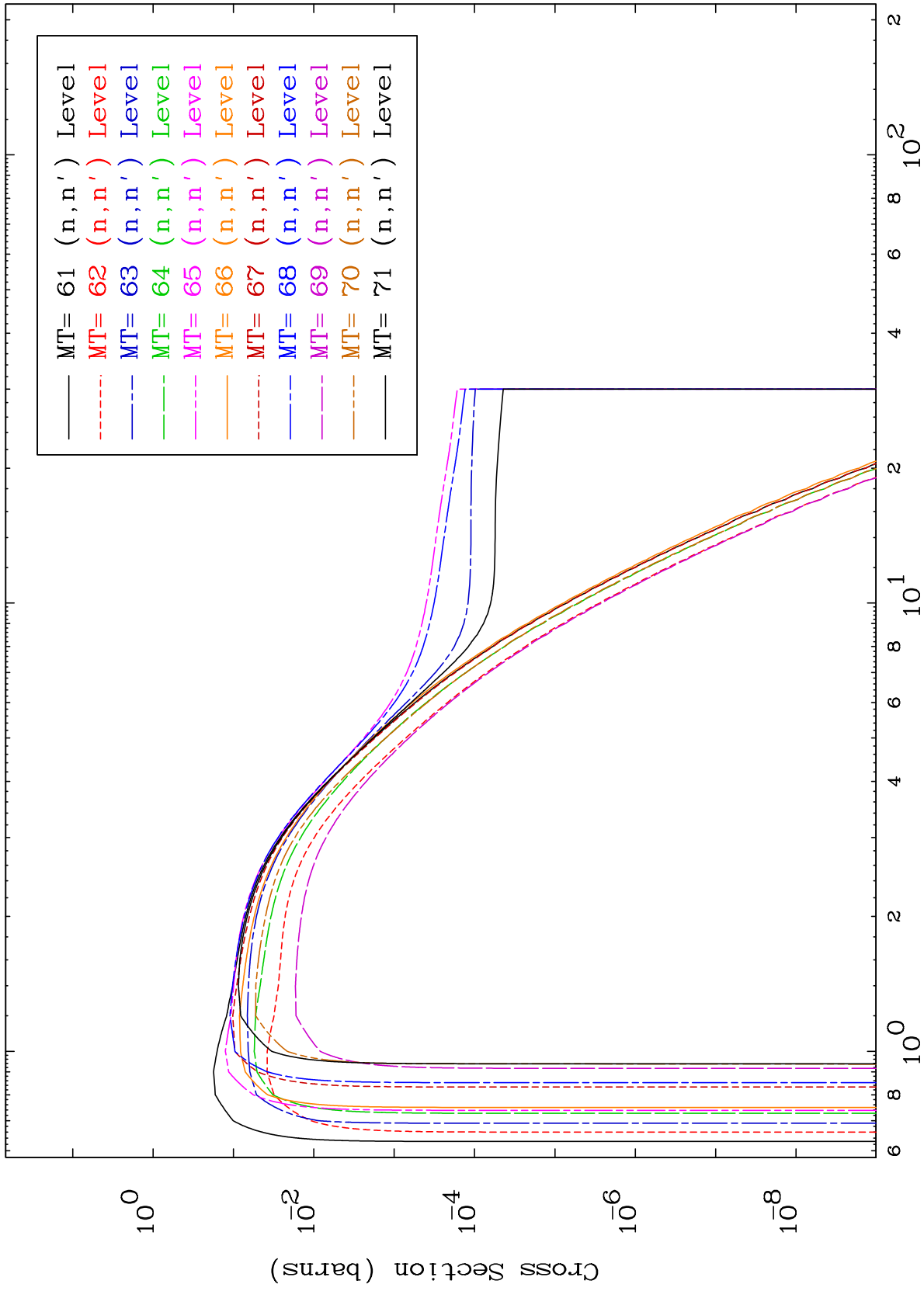
44-Ru-101

MAT 4440

(n,n') Level

44-Ru-101

293 Kelvin Cross Sections



8

Incident Energy (MeV)

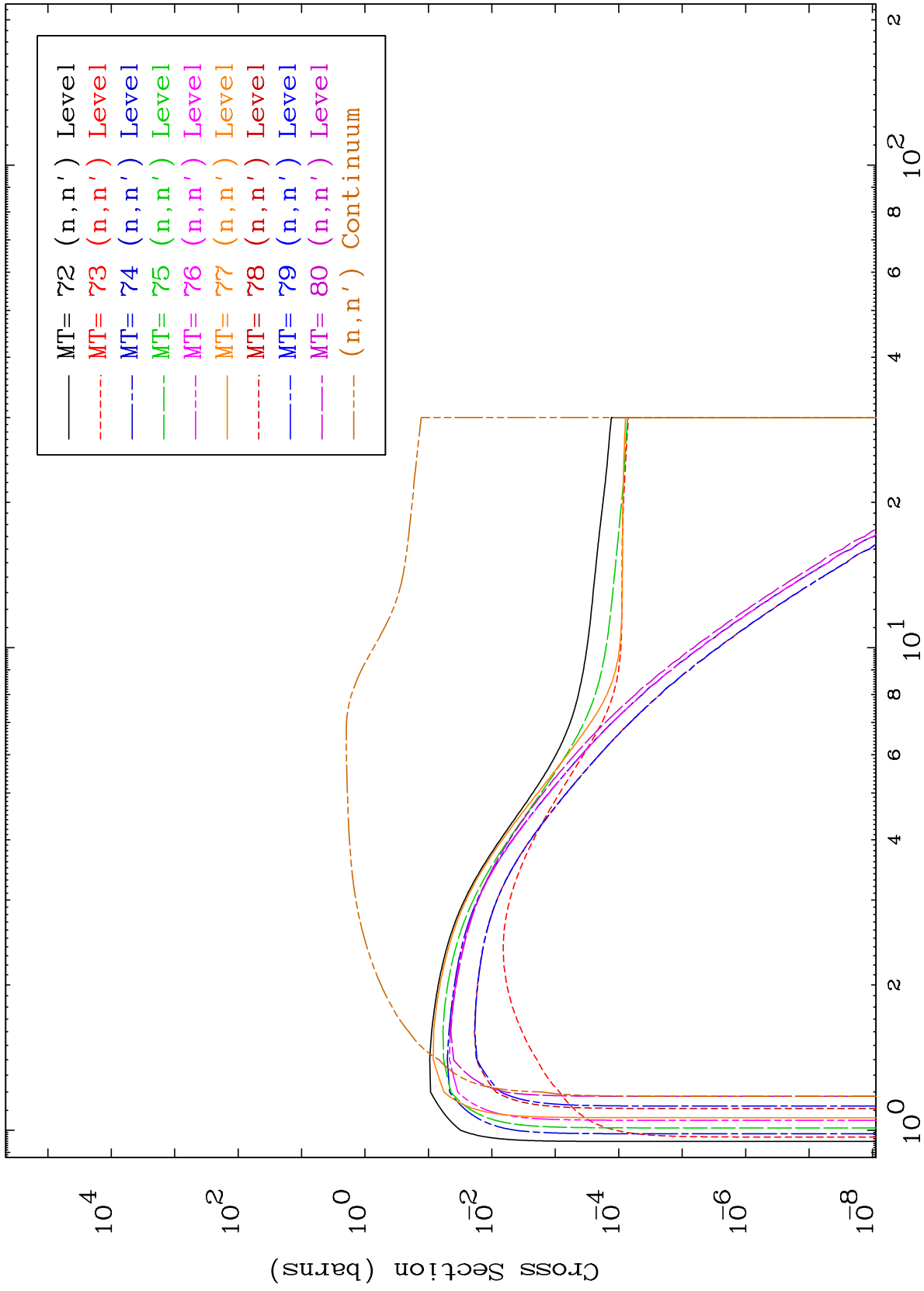
44-Ru-101

MAT 4440

(n,n') Level

44-Ru-101

293 Kelvin Cross Sections



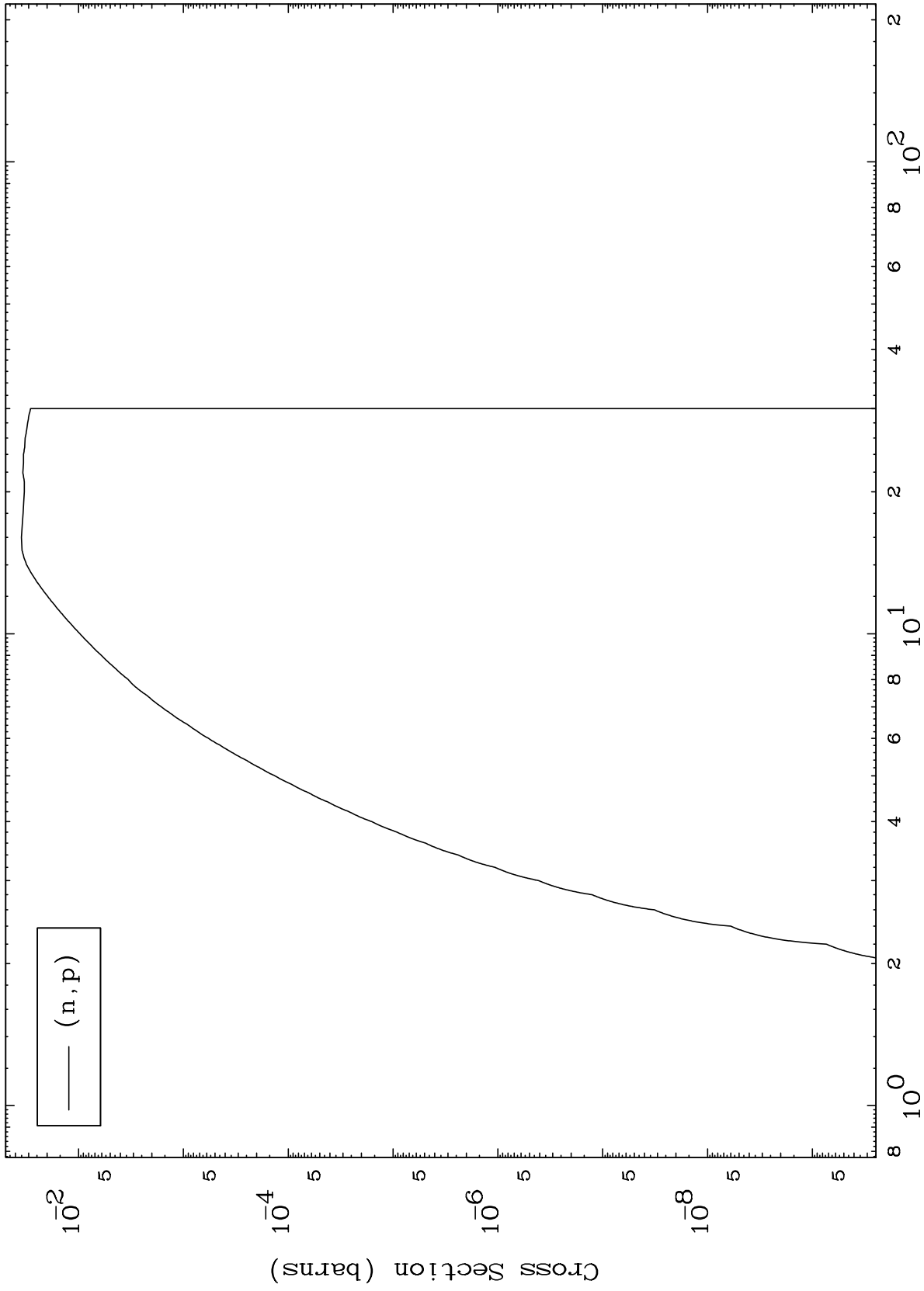
Incident Energy (MeV)

44-Ru-101

MAT 4440

(n,p) Levels
293 Kelvin Cross Sections

44-Ru-101



10

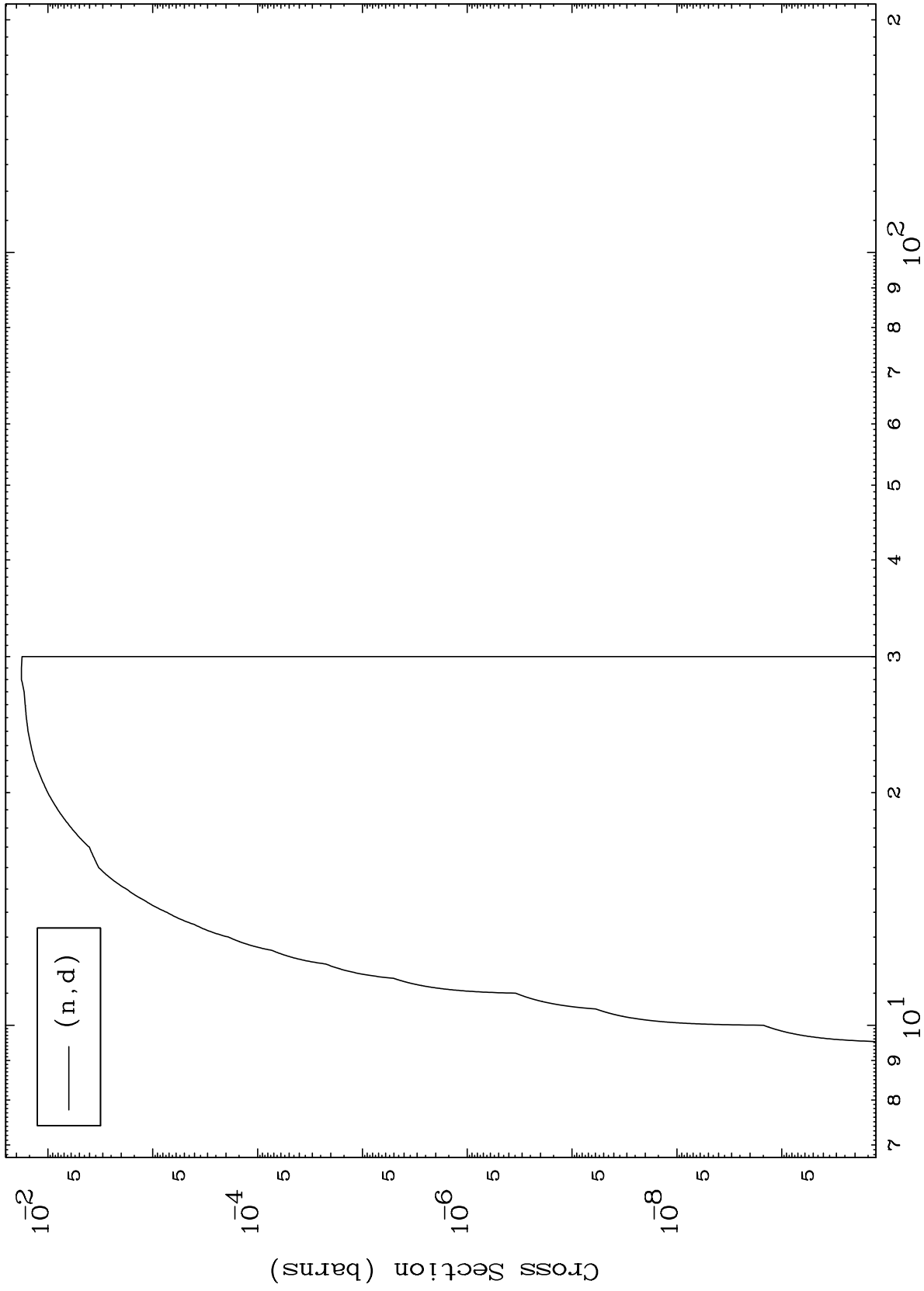
Incident Energy (MeV)

44-Ru-101

MAT 4440

(n,d) Levels
293 Kelvin Cross Sections

44-Ru-101



11

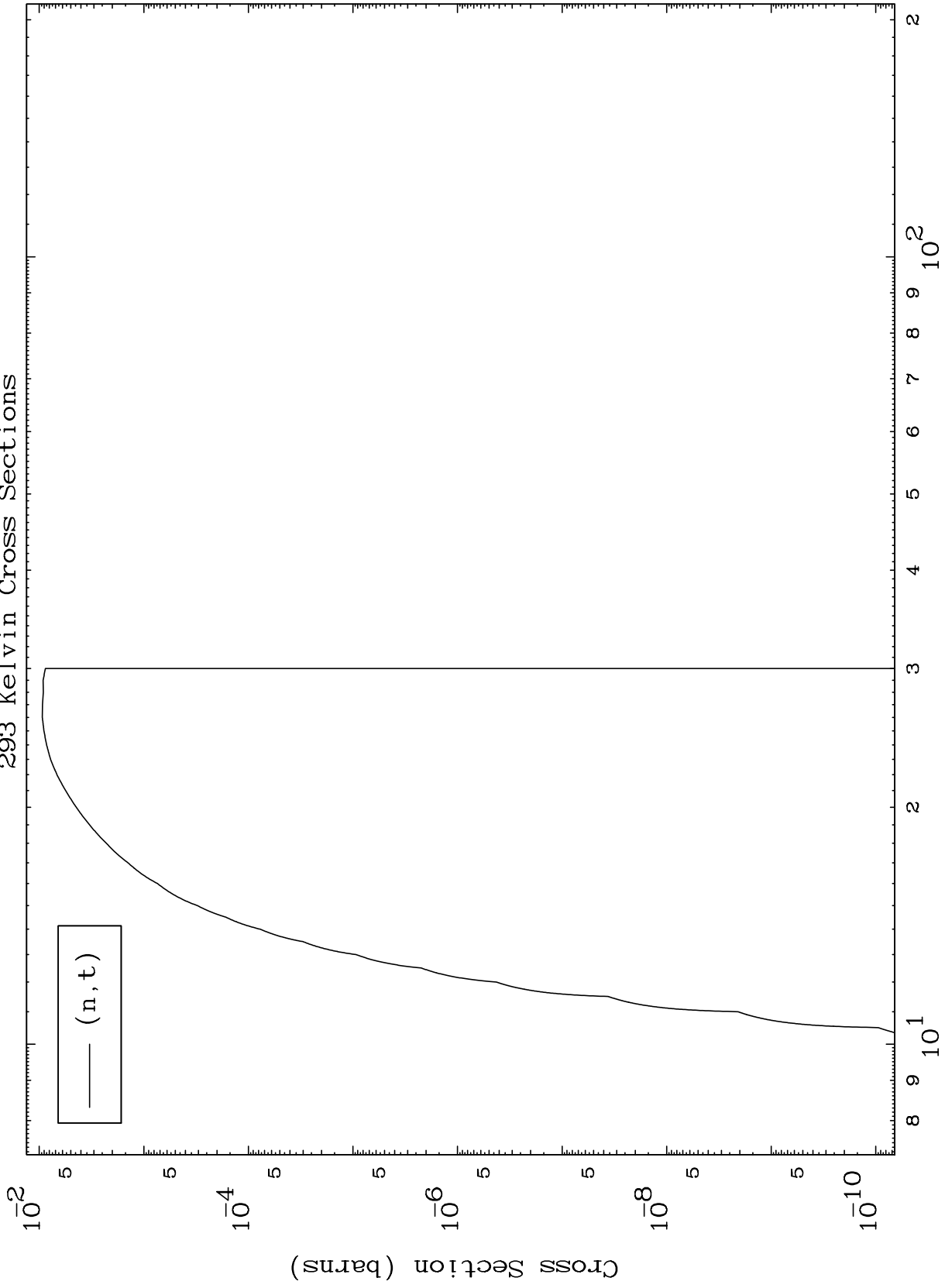
Incident Energy (MeV)

44-Ru-101

MAT 4440

44-Ru-101

(n,t) Levels
293 Kelvin Cross Sections



12

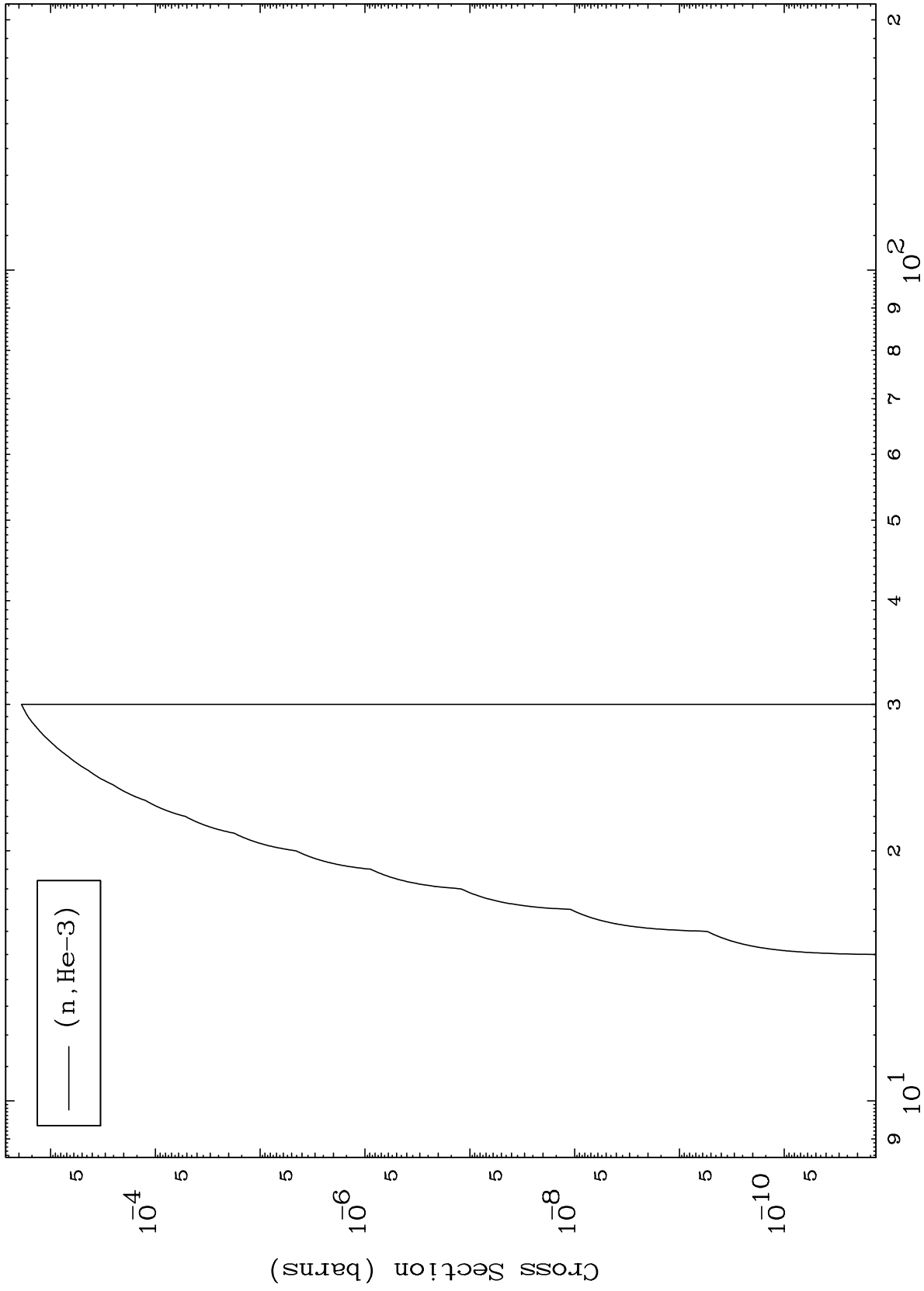
Incident Energy (MeV)

44-Ru-101

MAT 4440

(n,He3) Levels
293 Kelvin Cross Sections

44-Ru-101



13

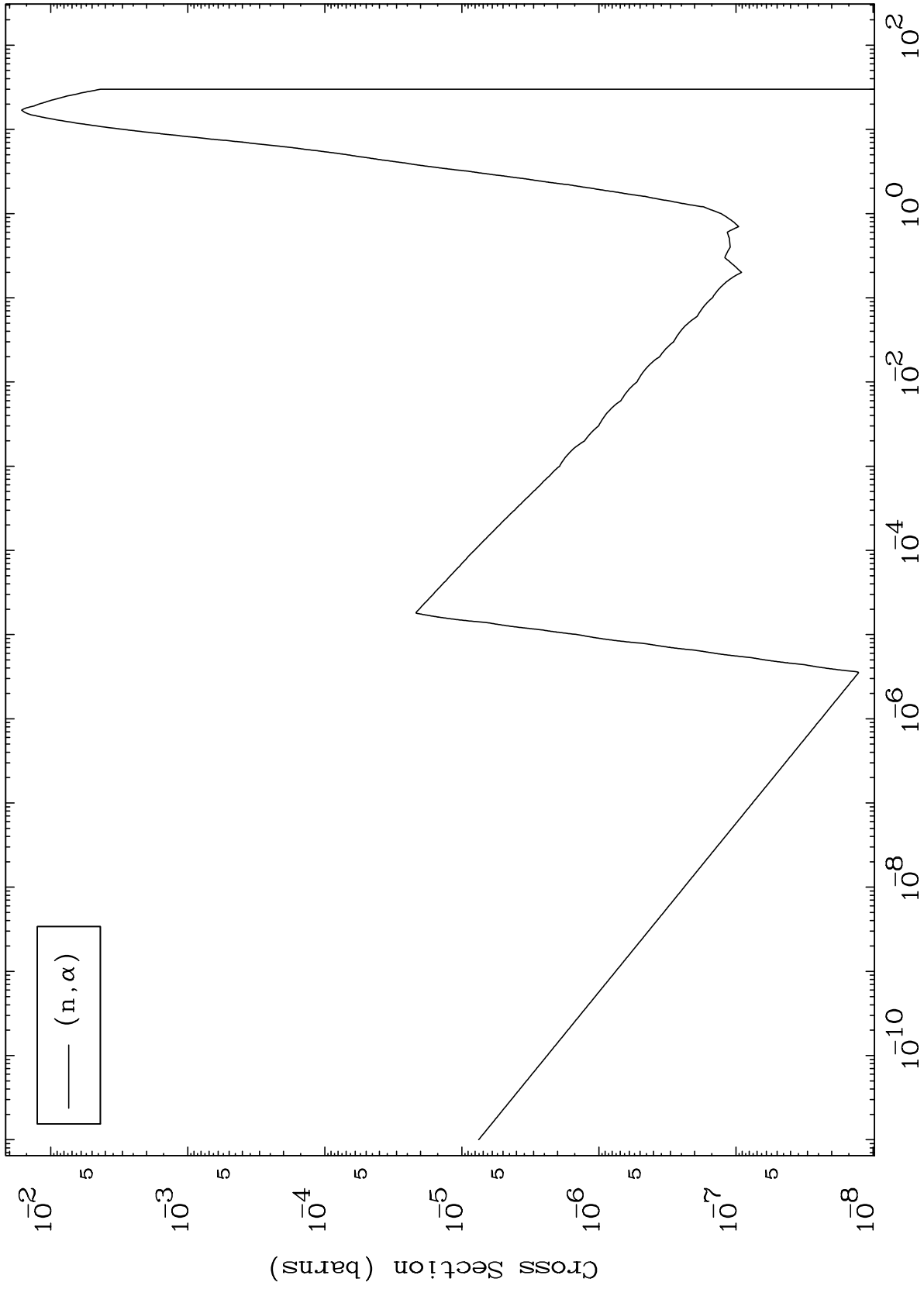
Incident Energy (MeV)

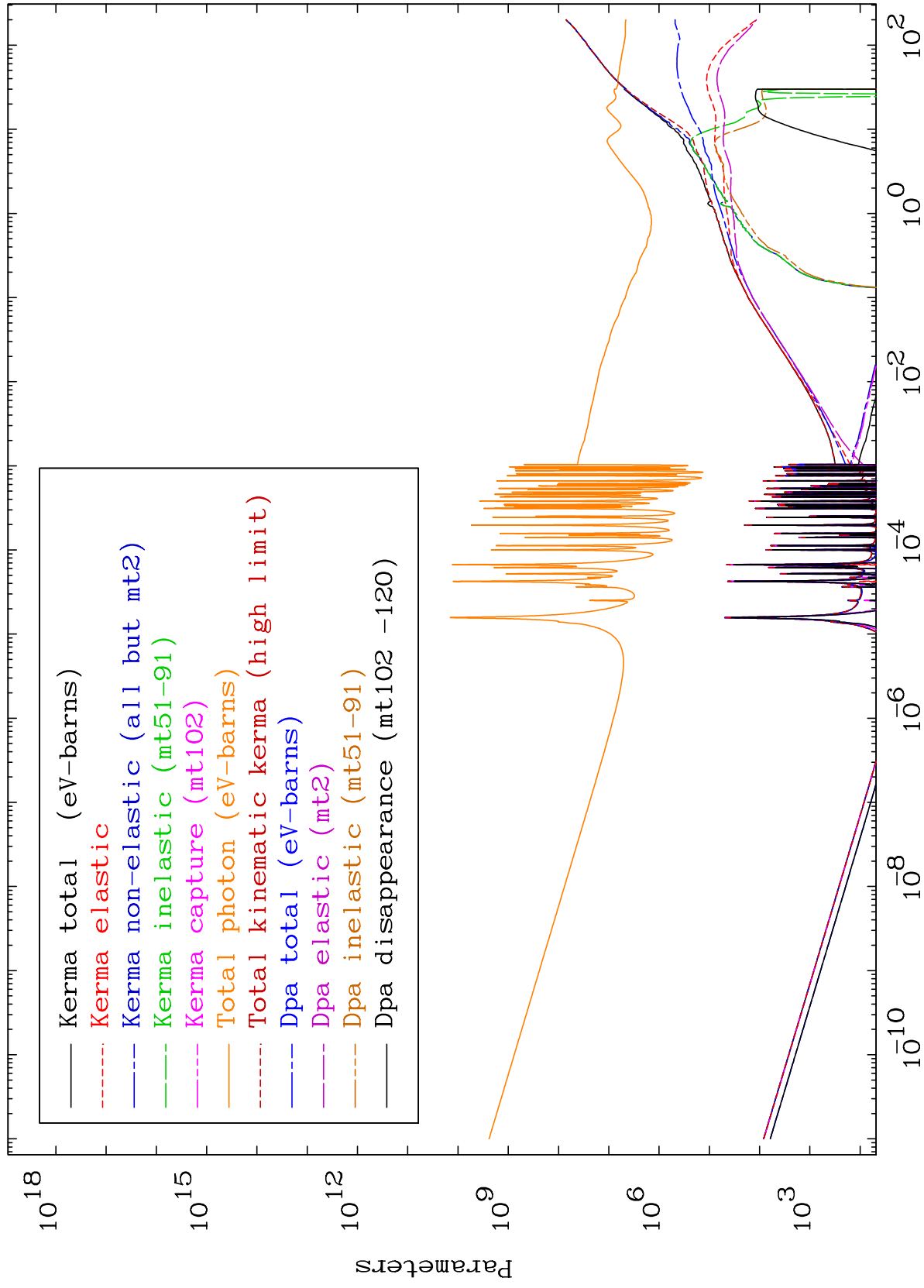
44-Ru-101

MAT 4440

(n, α) Levels
293 Kelvin Cross Sections

44-Ru-101

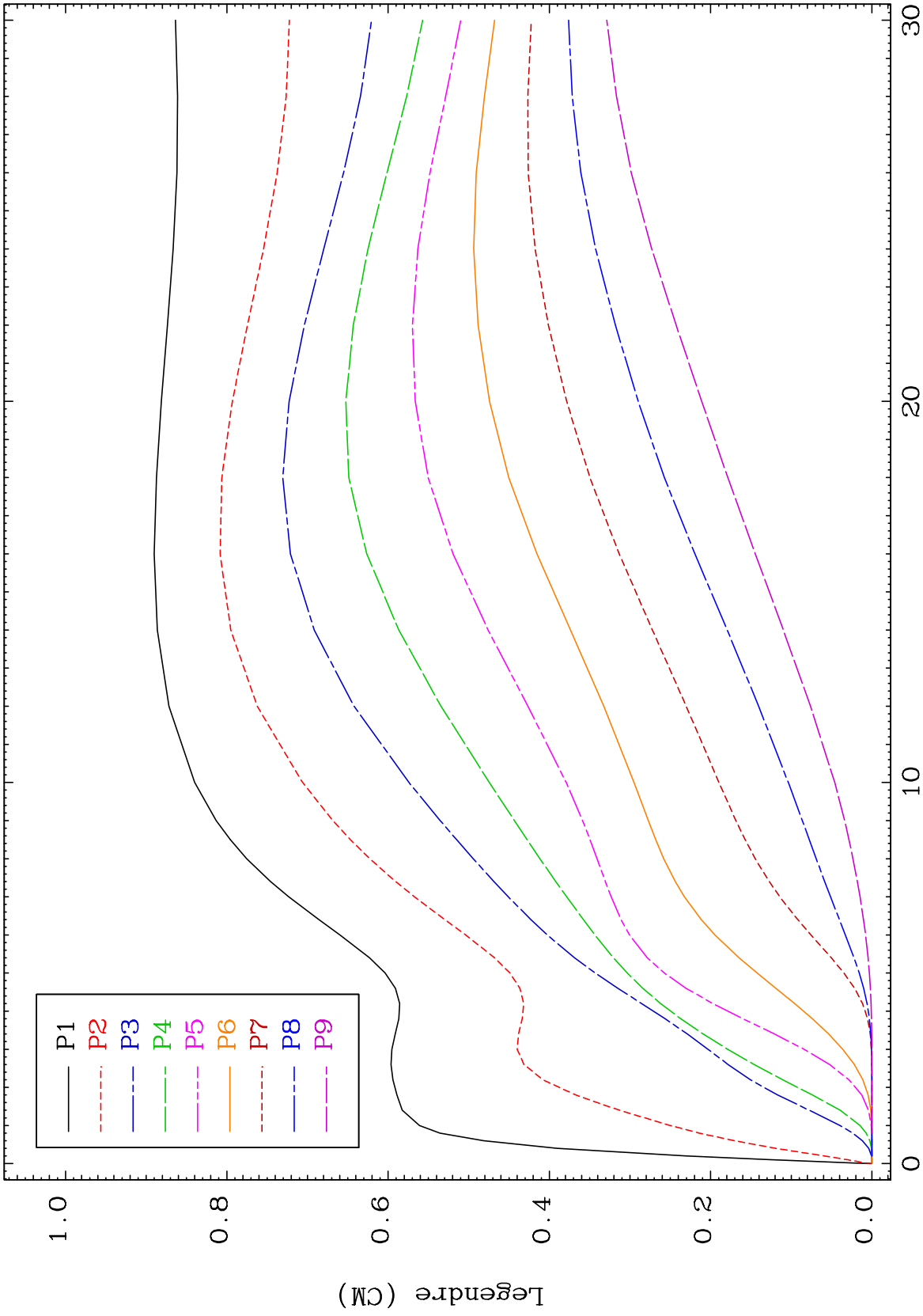




MAT 4440

Elastic Legendre Coefficients

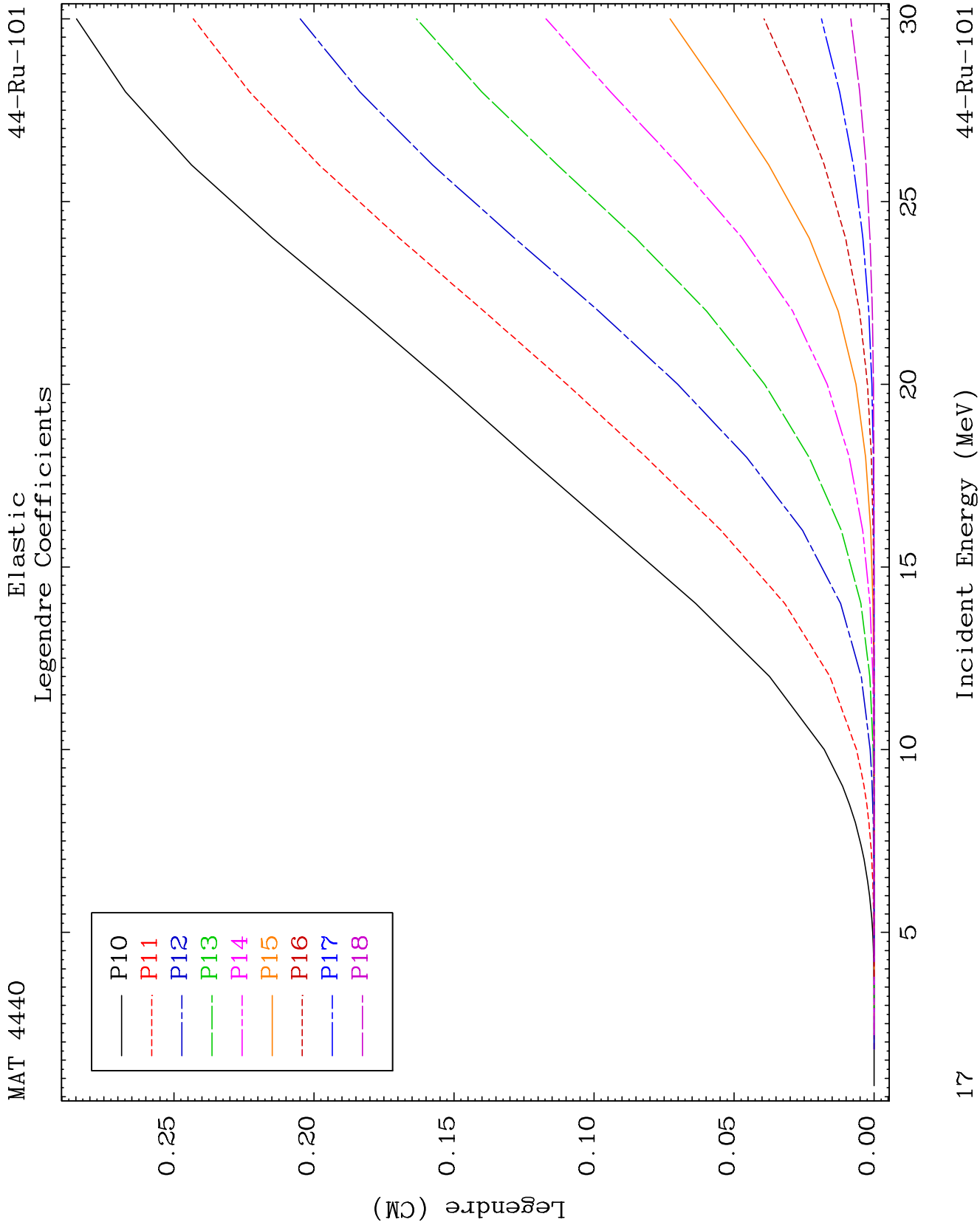
44-Ru-101



16

Incident Energy (MeV)

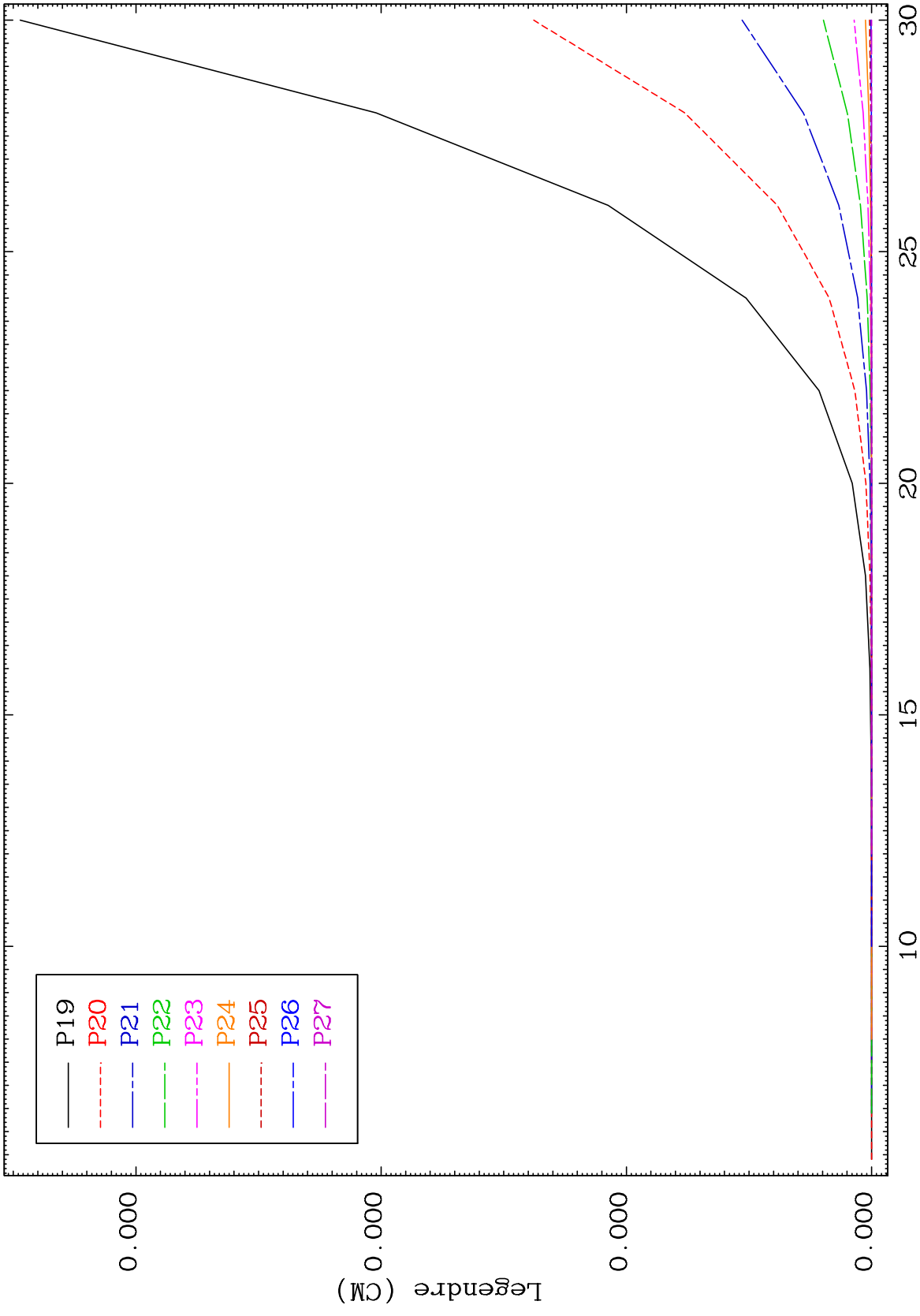
44-Ru-101



MAT 4440

Elastic Legendre Coefficients

44-Ru-101



18

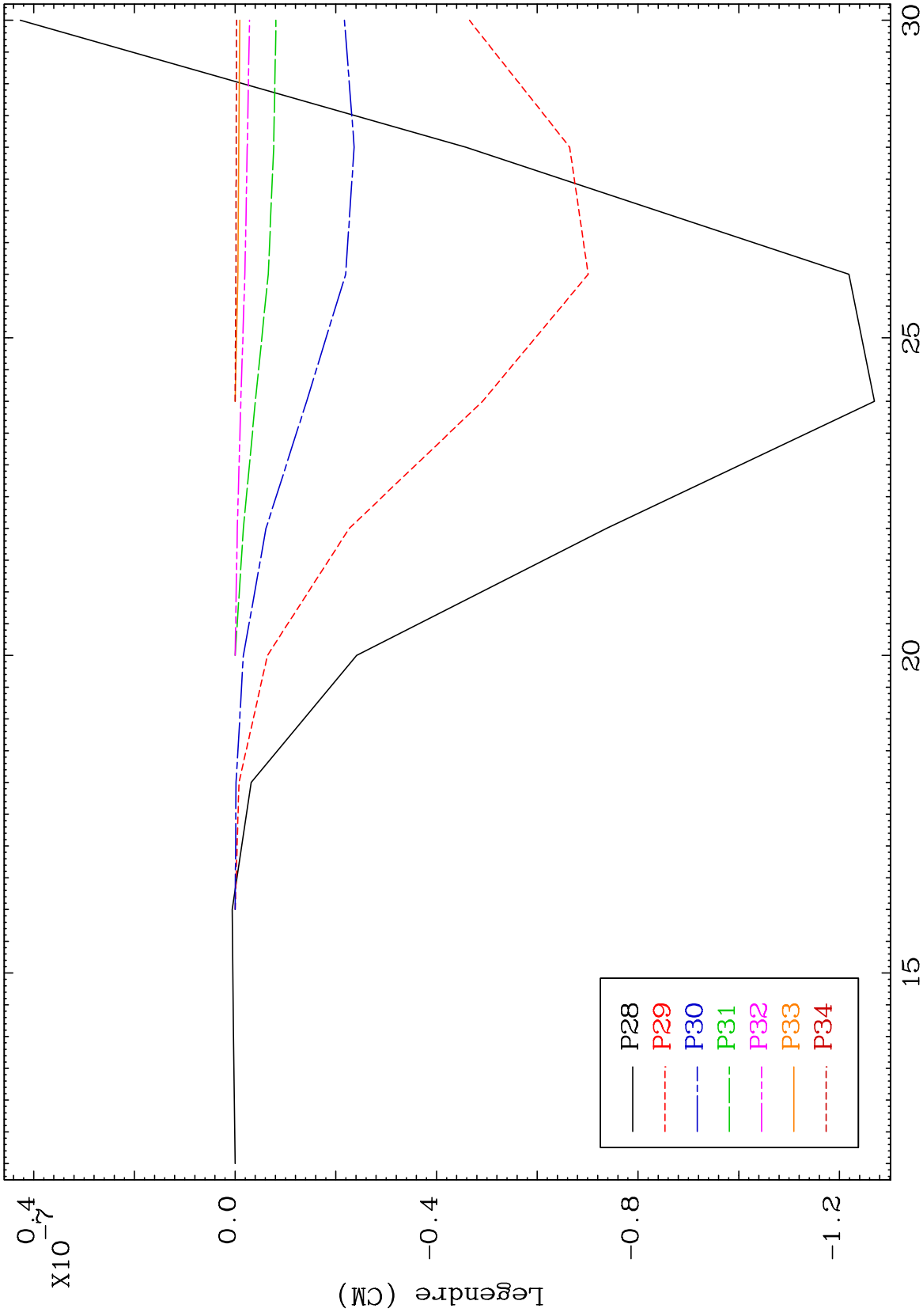
Incident Energy (MeV)

44-Ru-101

MAT 4440

Elastic Legendre Coefficients

44-Ru-101



19

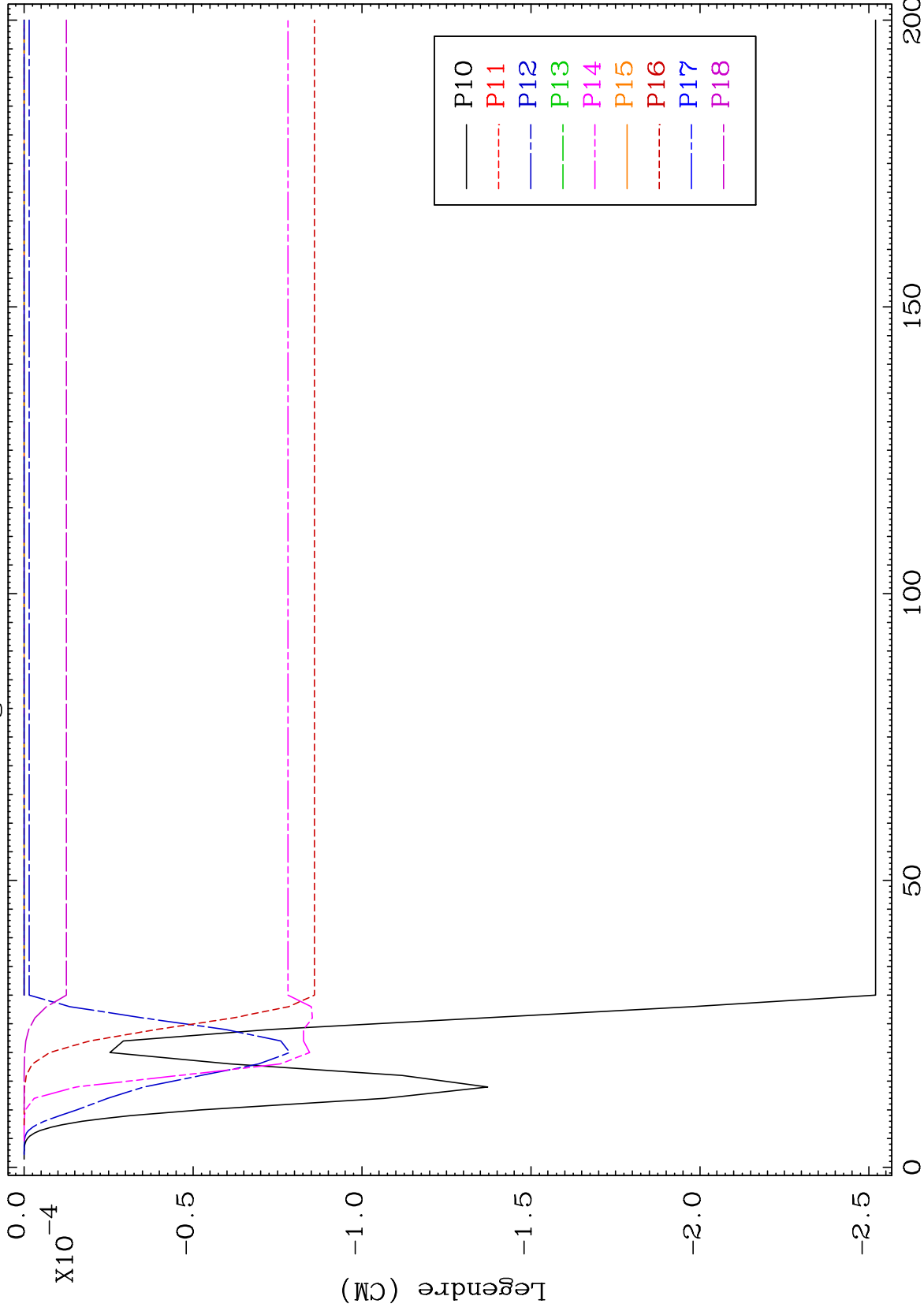
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101

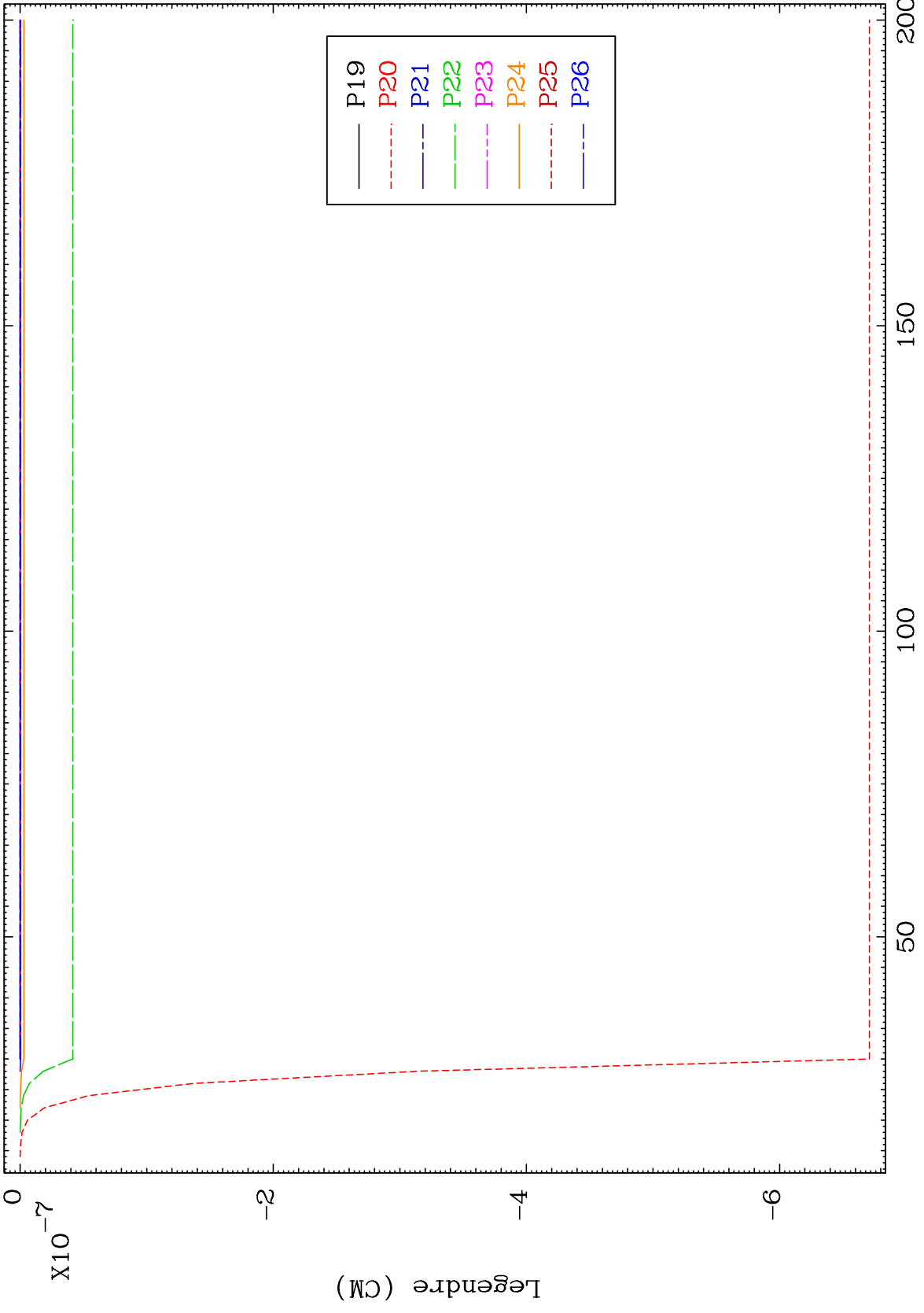


21

Incident Energy (MeV)

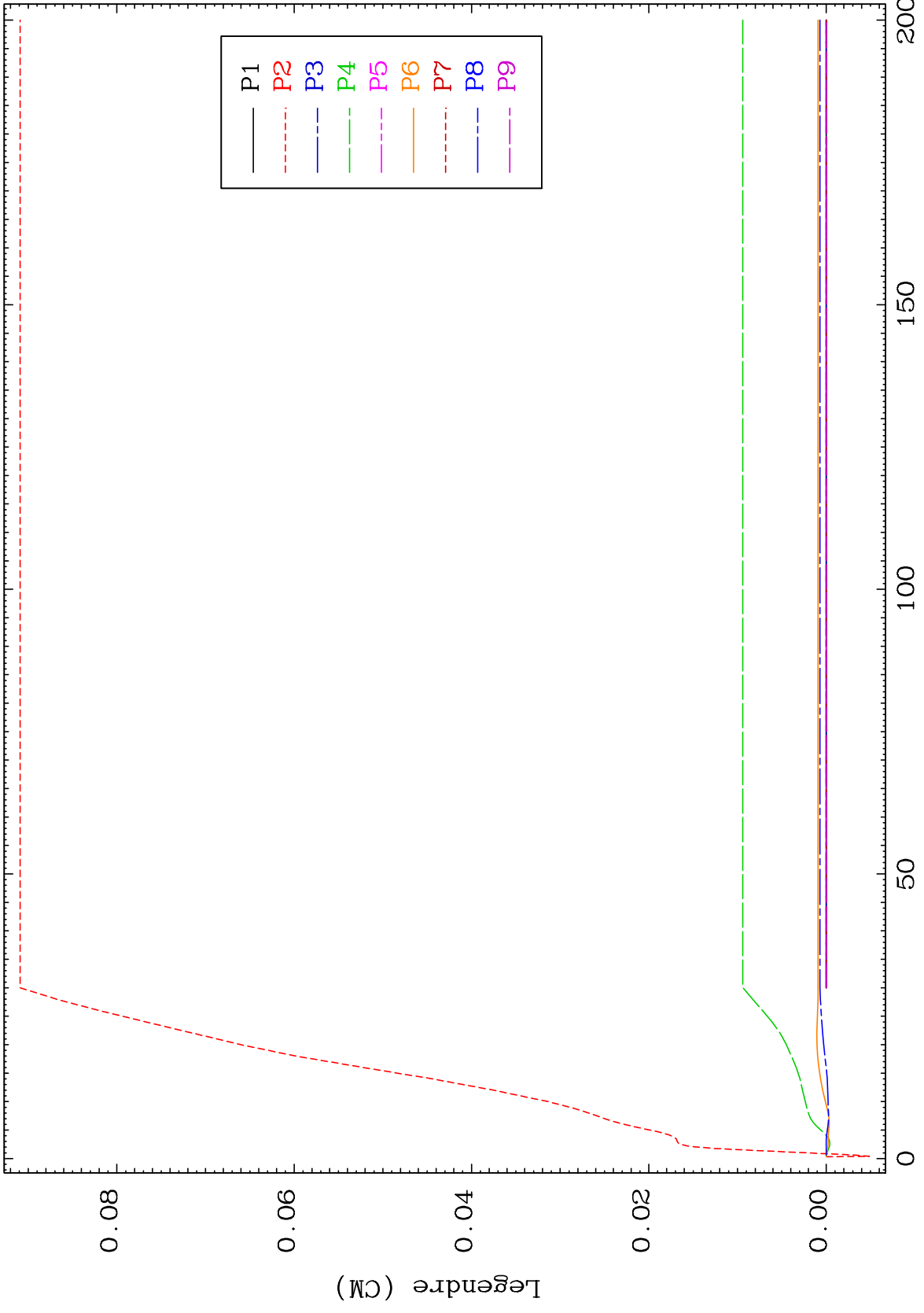
44-Ru-101

MAT 4440 MT= 51 (n,n') Level Legendre Coefficients 44-Ru-101



22 44-Ru-101

MAT 4440 MT= 52 (n,n') Level Legendre Coefficients 44-Ru-101

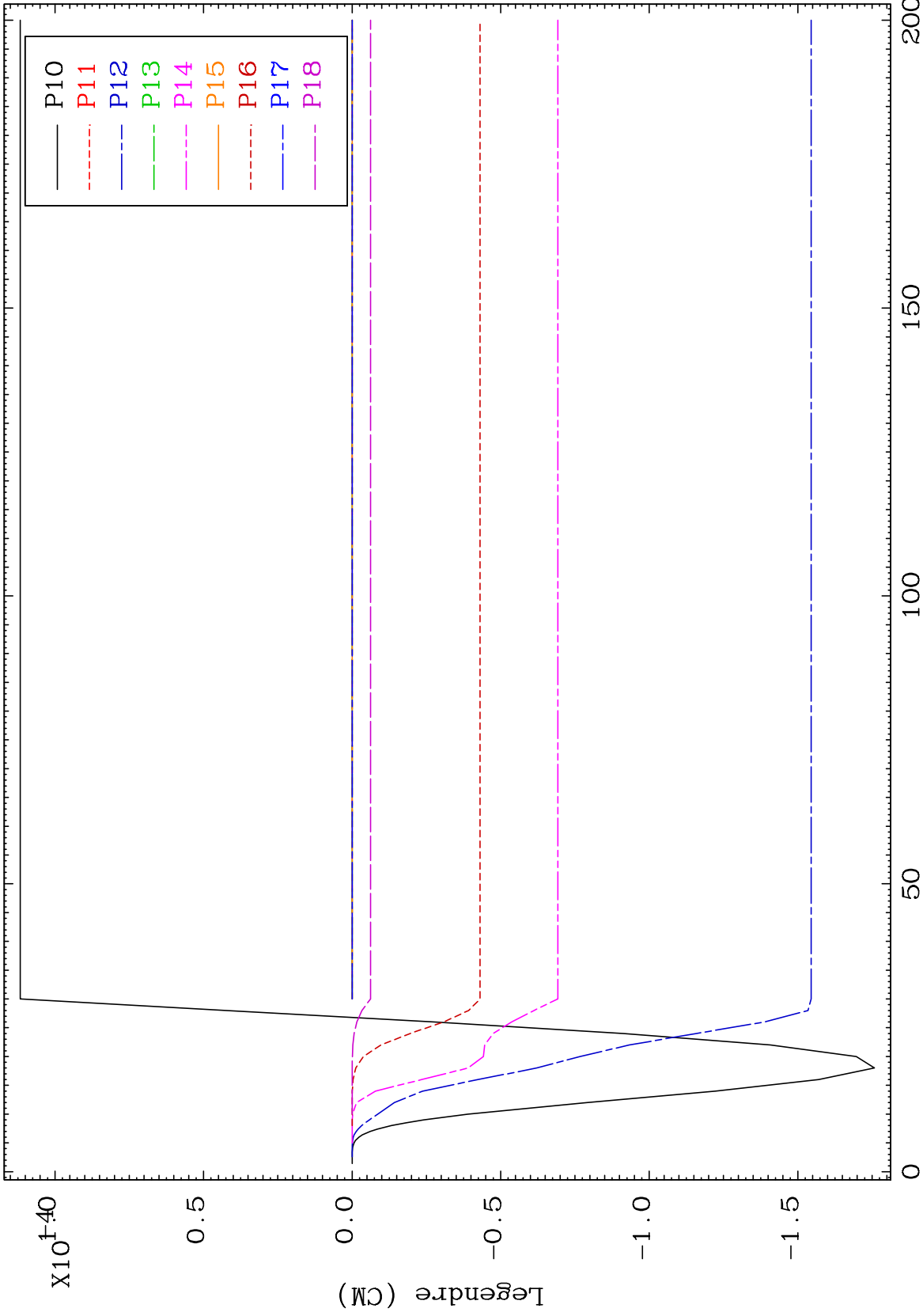


23 44-Ru-101

MAT 4440

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

44-Ru-101

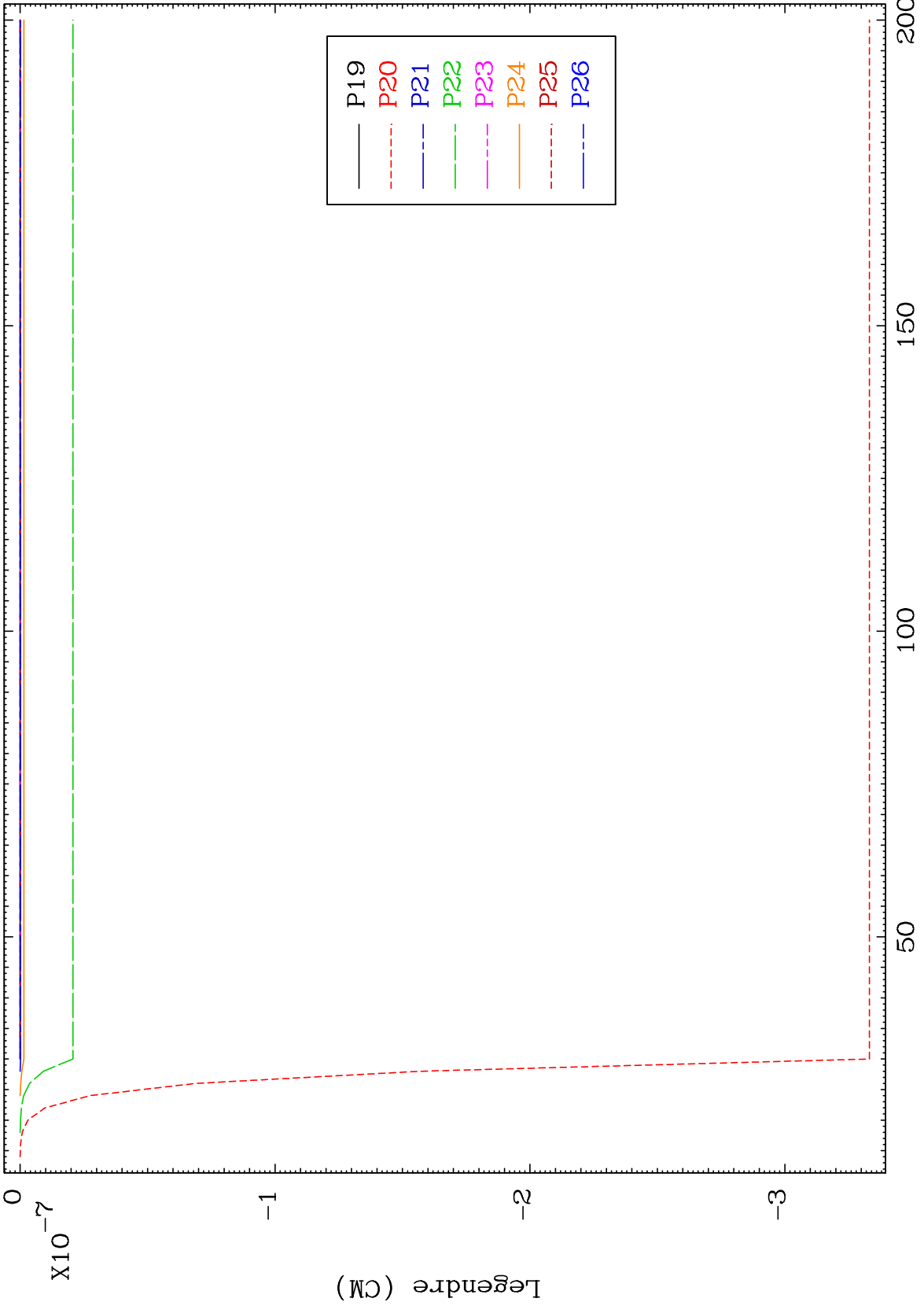


24

Incident Energy (MeV)

44-Ru-101

MAT 4440 MT= 52 (n,n') Level Legendre Coefficients 44-Ru-101

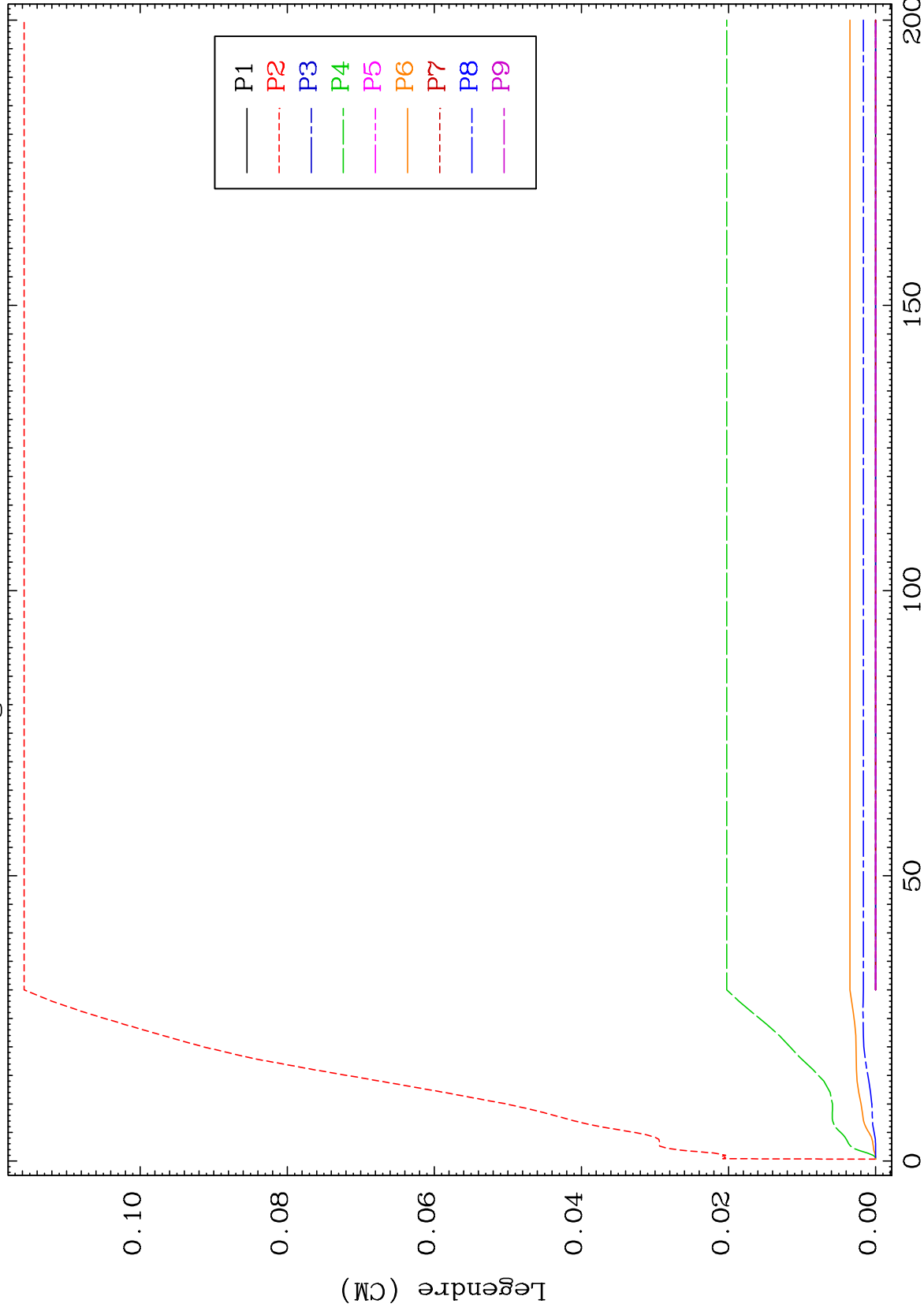


25 Incident Energy (MeV) 44-Ru-101

MAT 4440

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

44-Ru-101



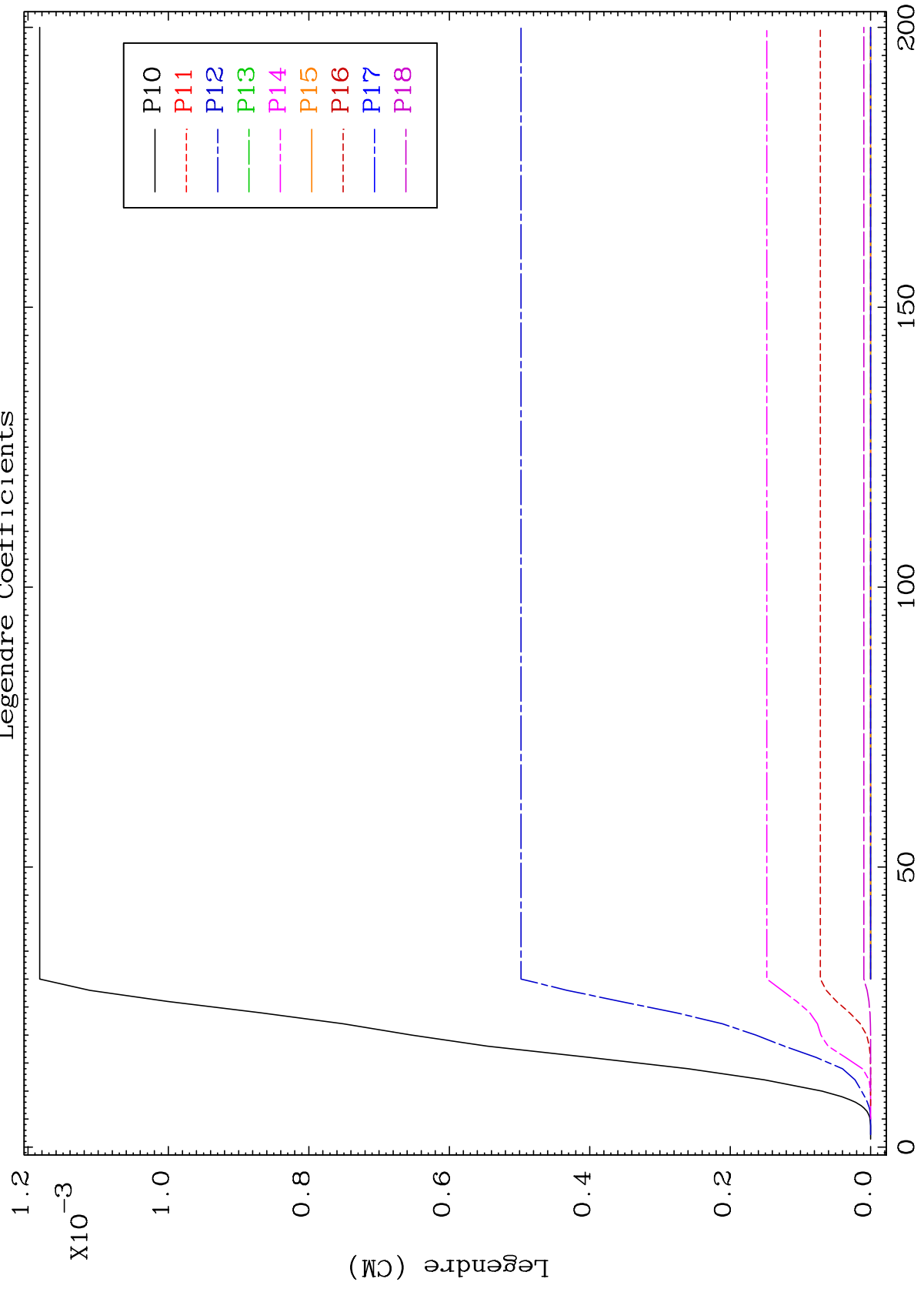
26

44-Ru-101

MAT 4440

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

44-Ru-101

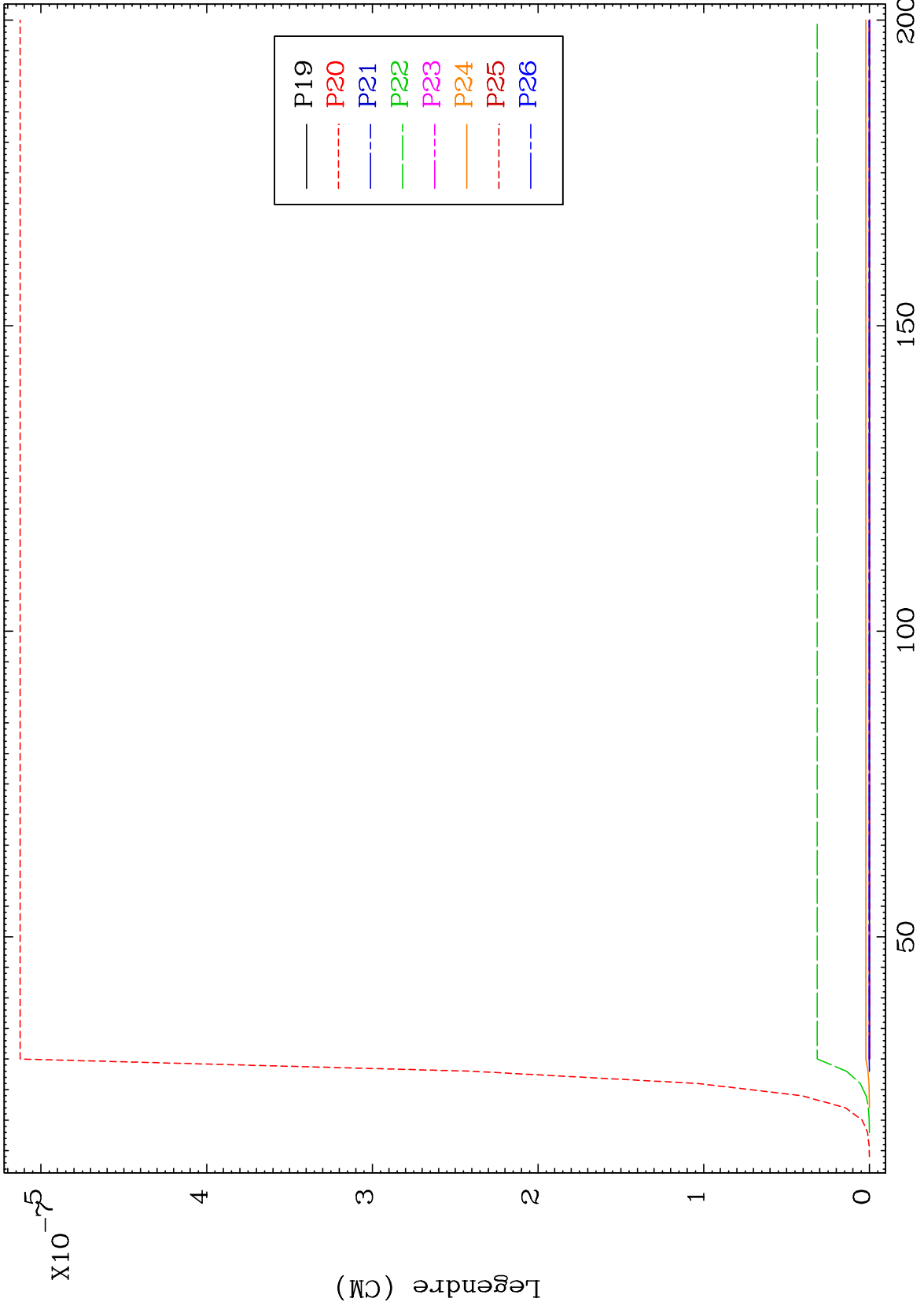


27

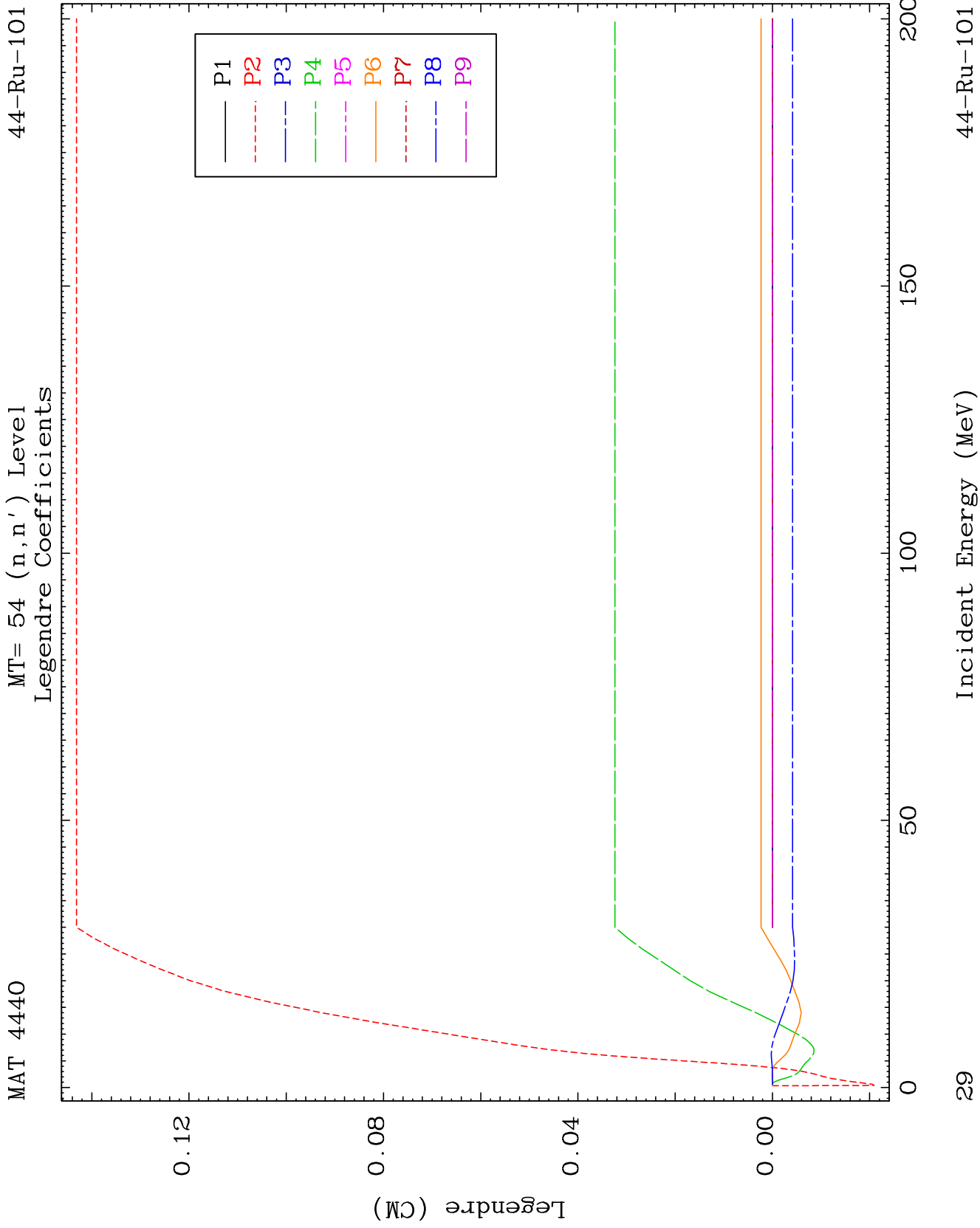
Incident Energy (MeV)

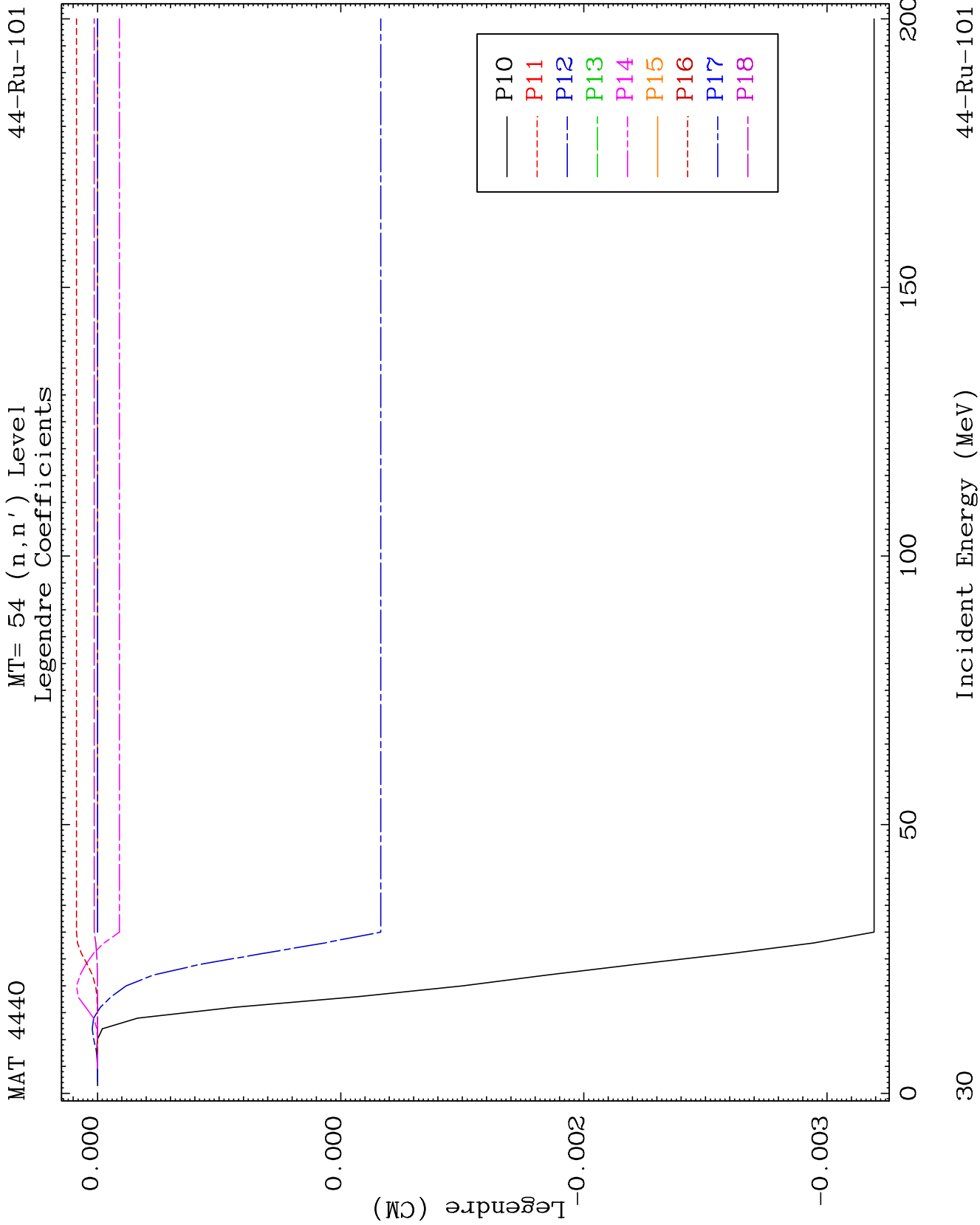
44-Ru-101

MAT 4440 MT= 53 (n,n') Level Legendre Coefficients 44-Ru-101

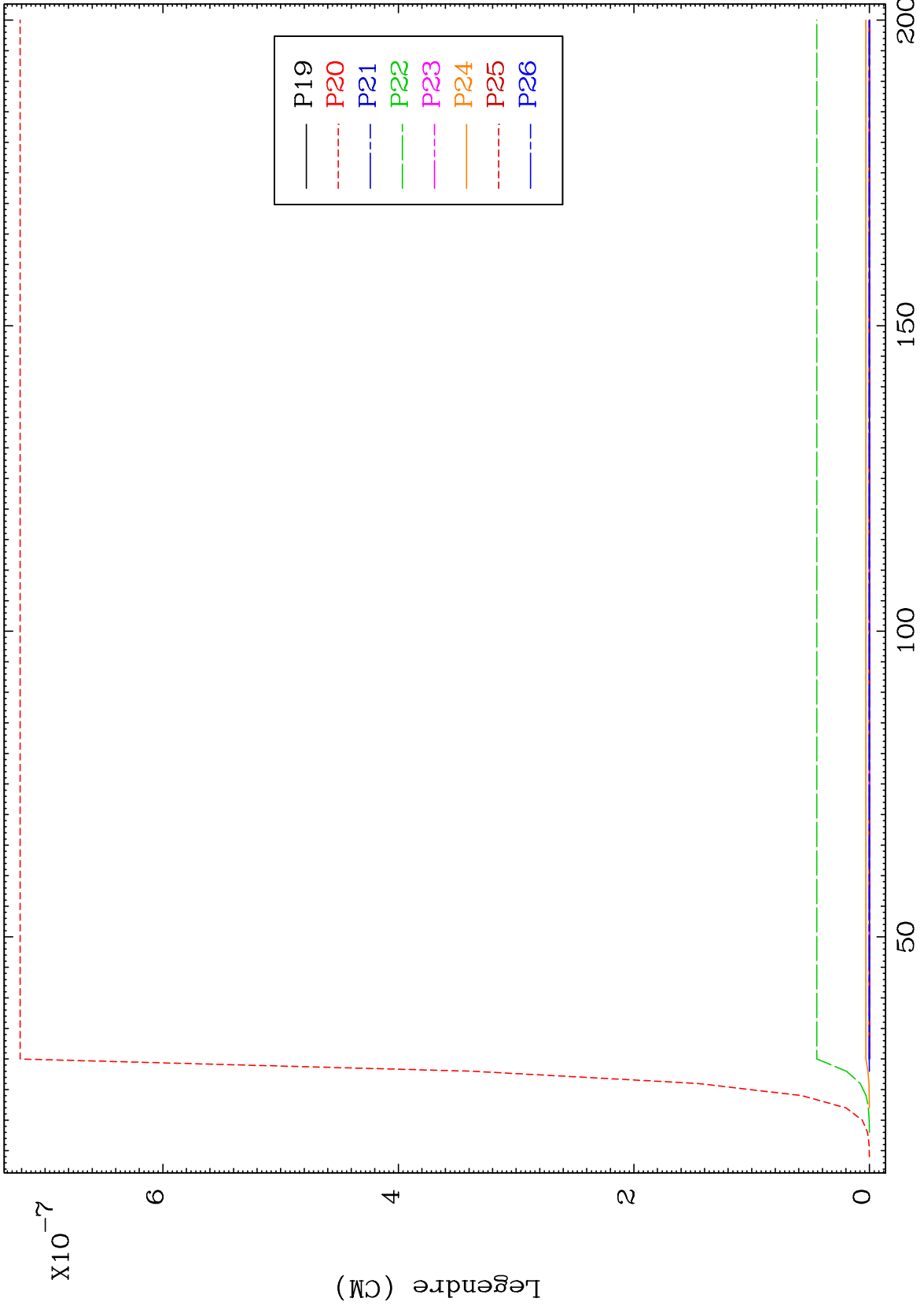


28 50 100 150 200 44-Ru-101

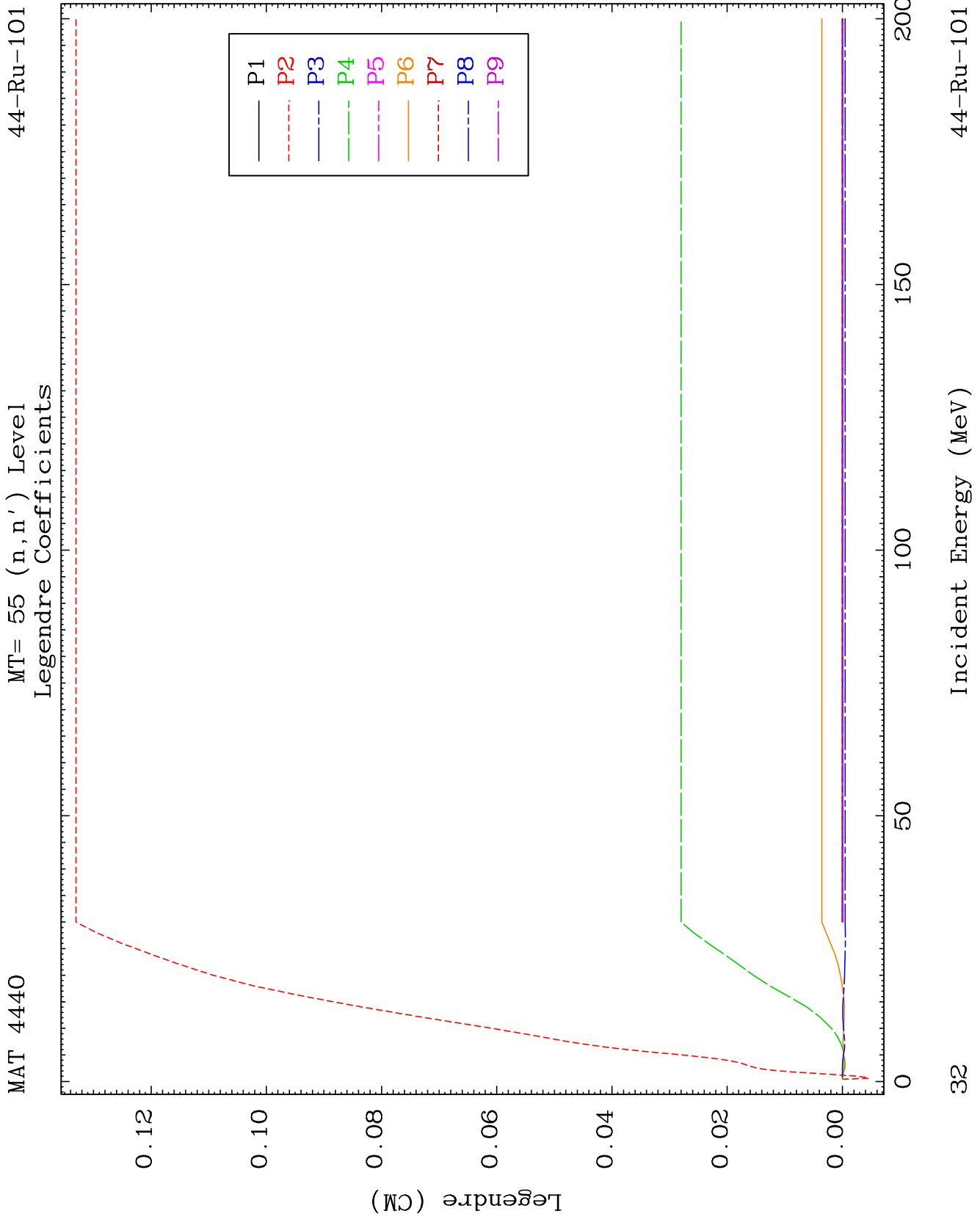




MAT 4440 MT= 54 (n,n') Level Legendre Coefficients 44-Ru-101



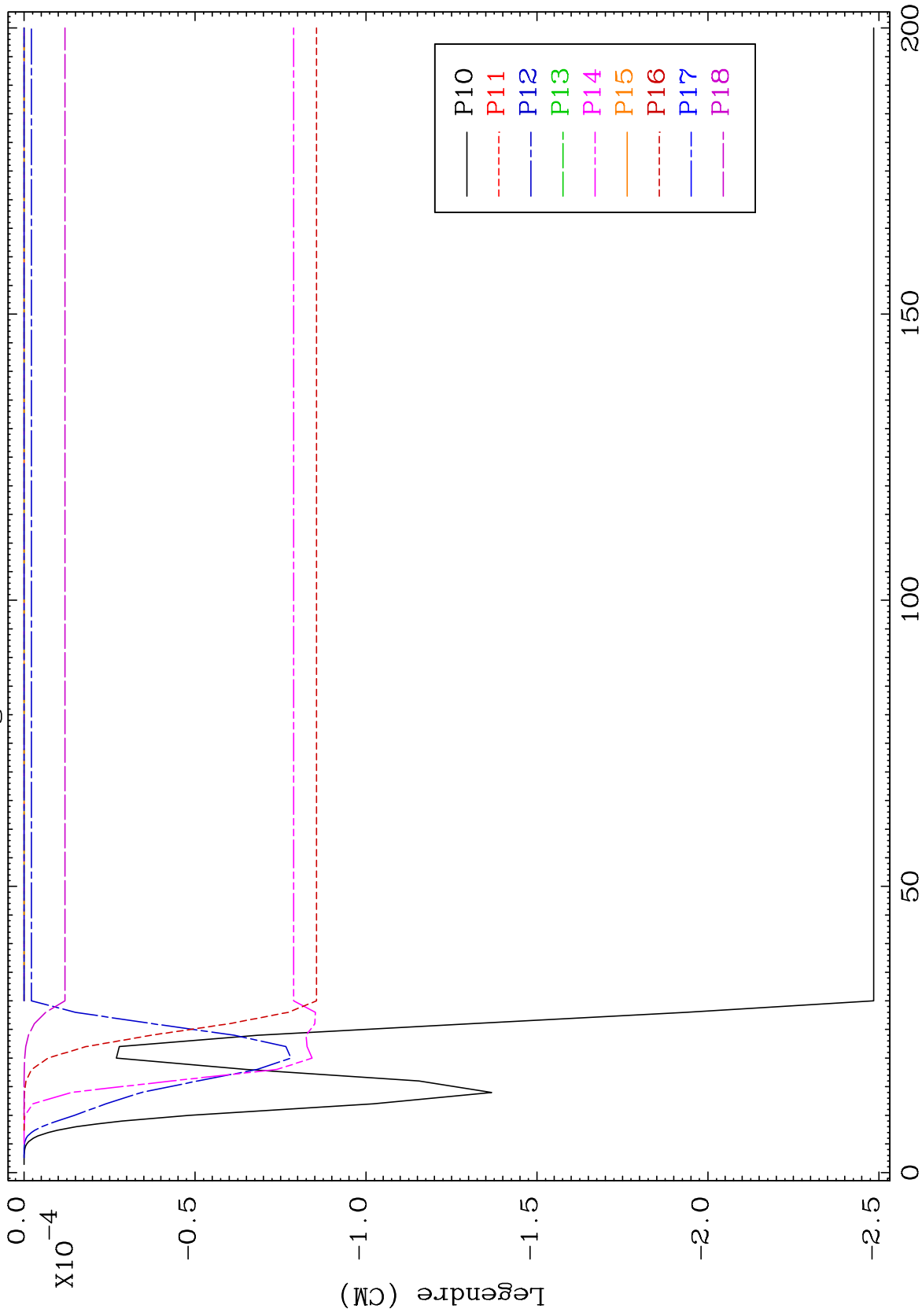
31 44-Ru-101



MAT 4440

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

44-Ru-101

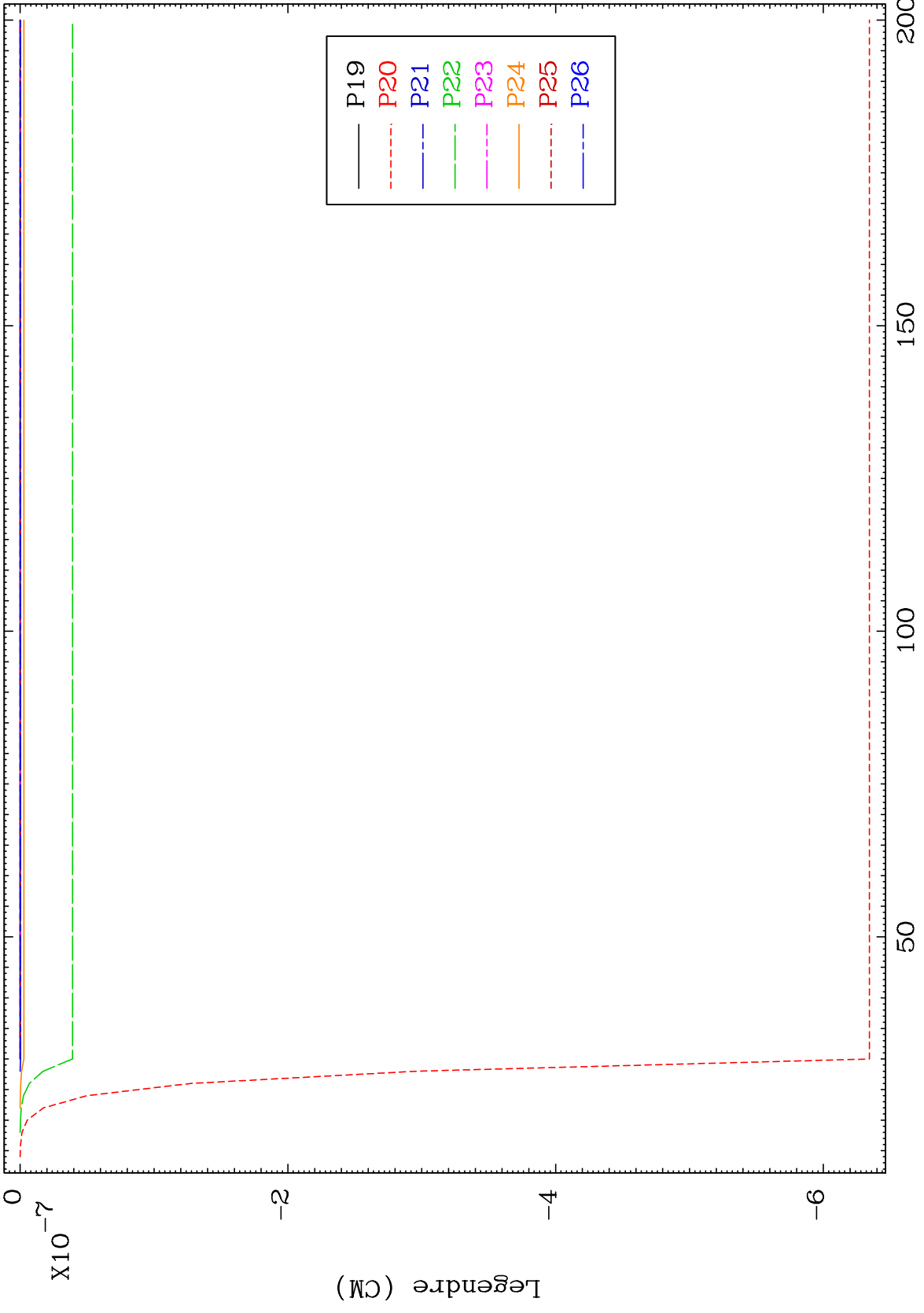


33

Incident Energy (MeV)

44-Ru-101

MAT 4440 MT= 55 (n,n') Level Legendre Coefficients 44-Ru-101

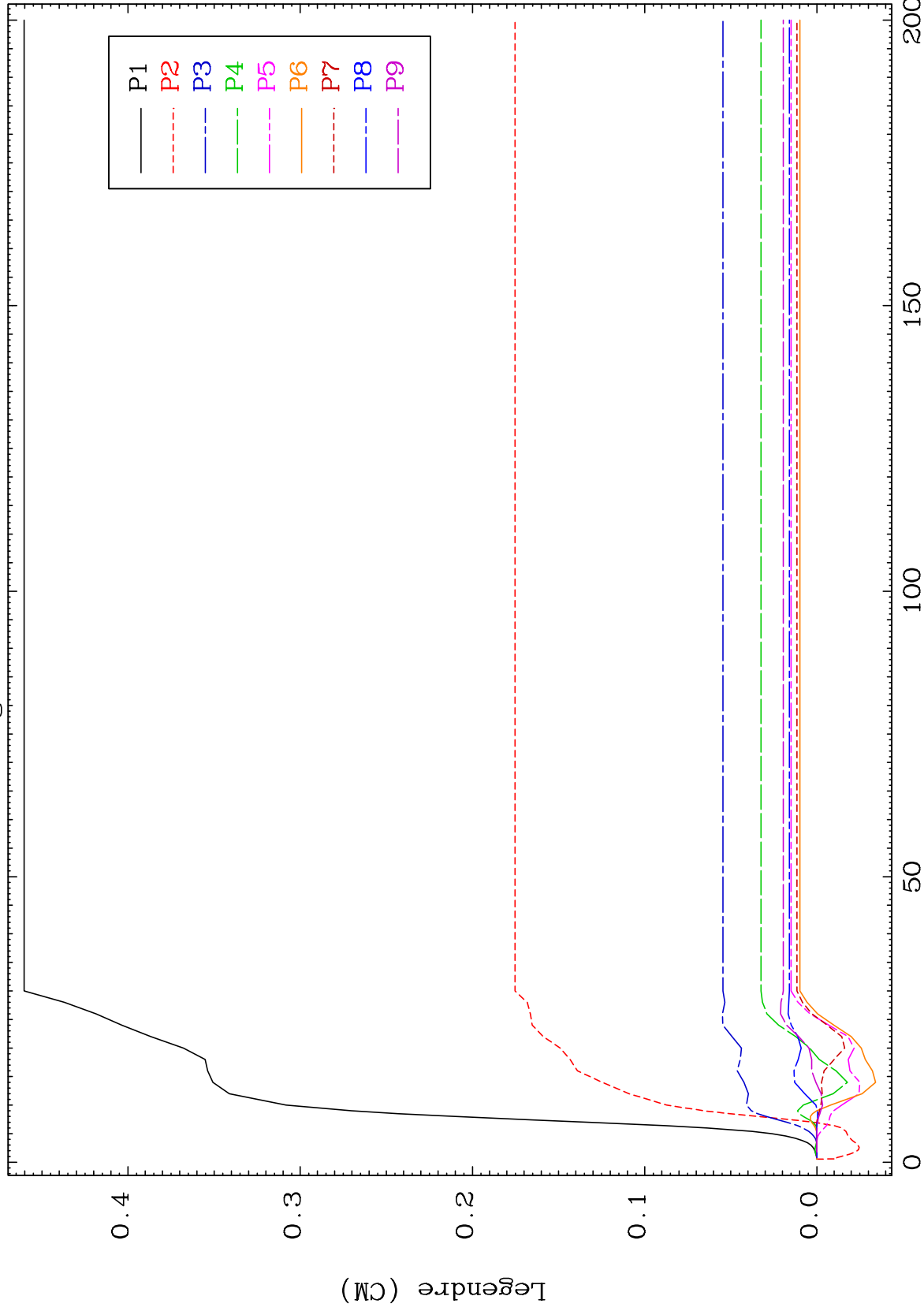


34 44-Ru-101

MAT 4440

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

44-Ru-101



35

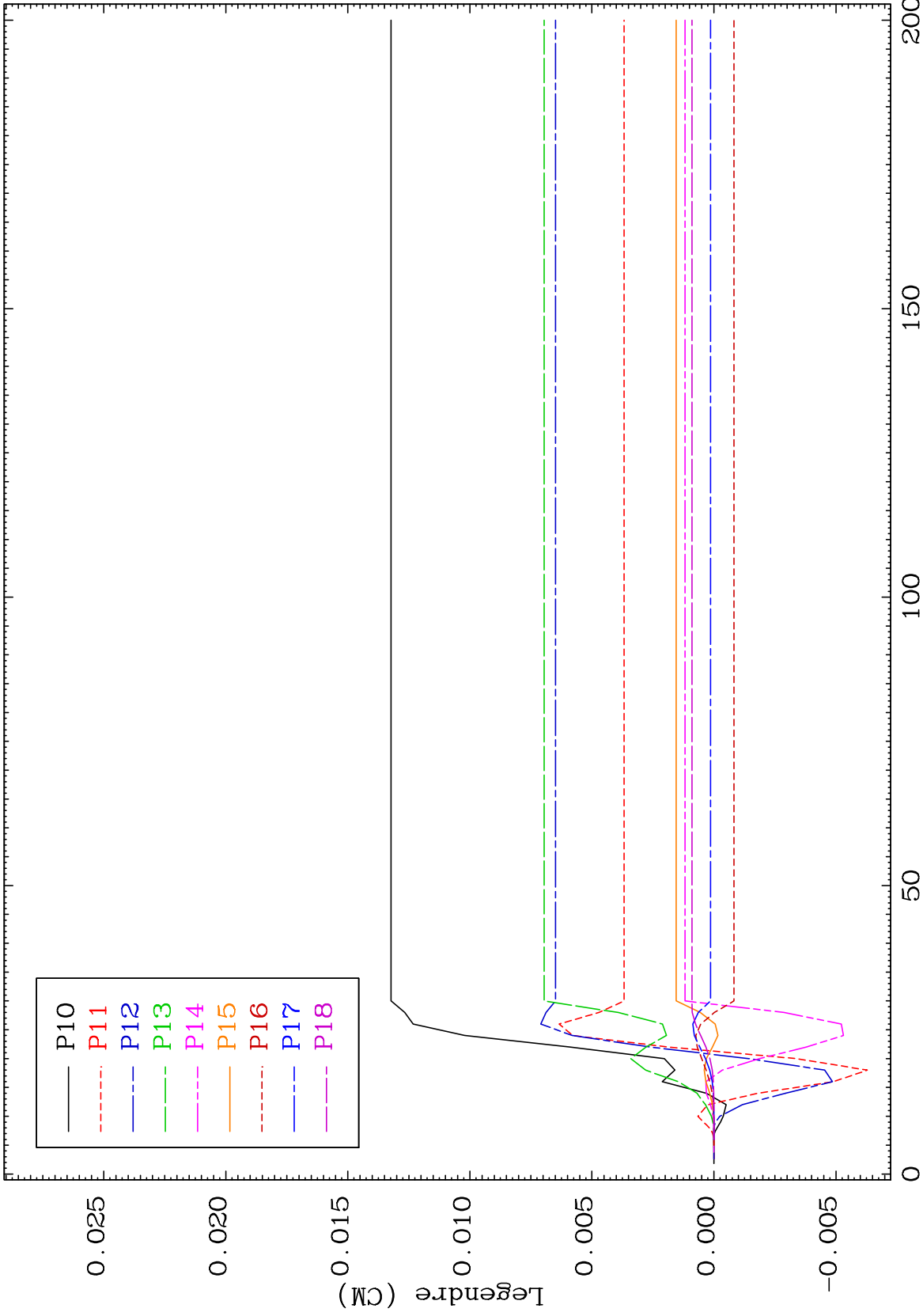
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



36

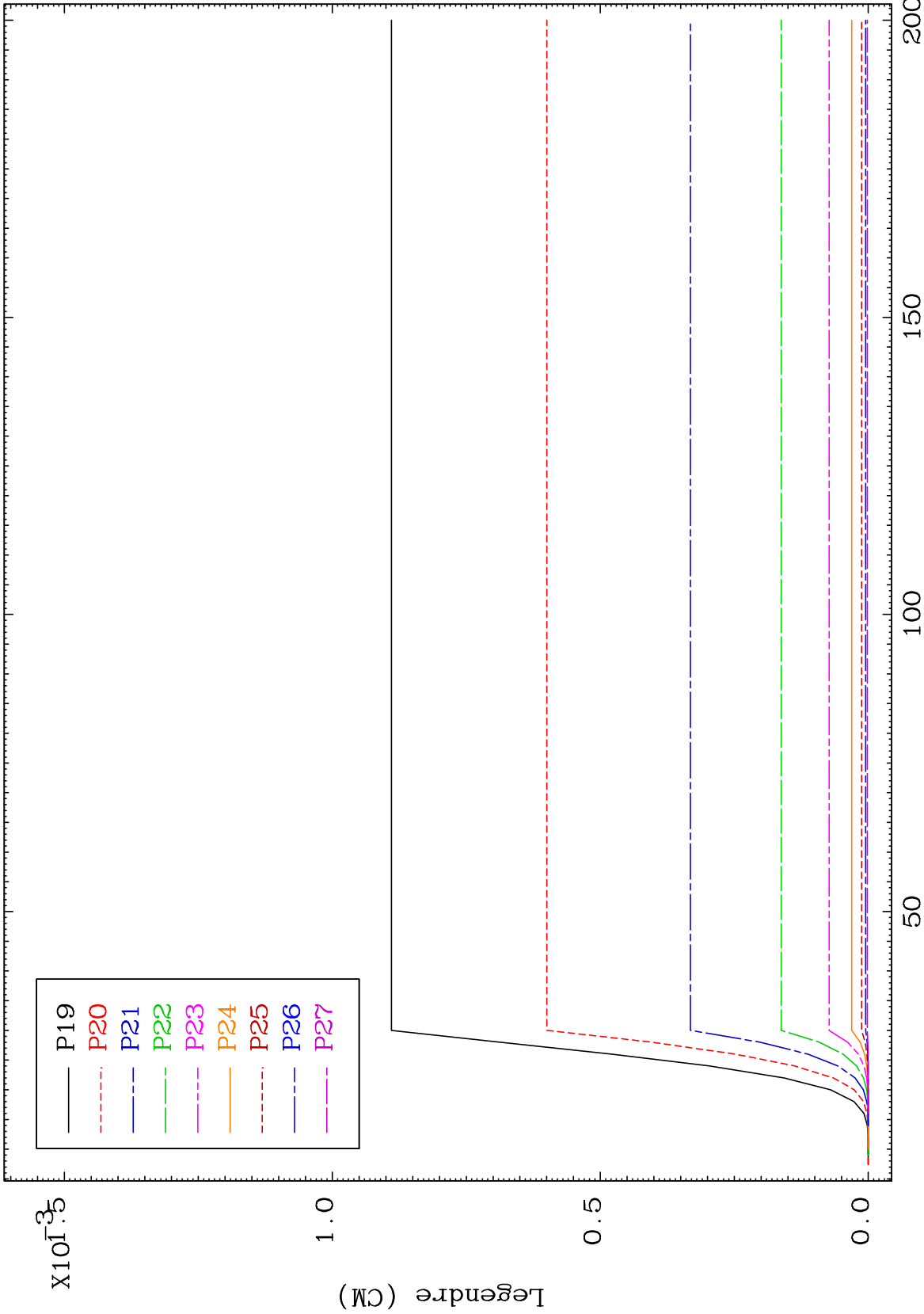
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



37

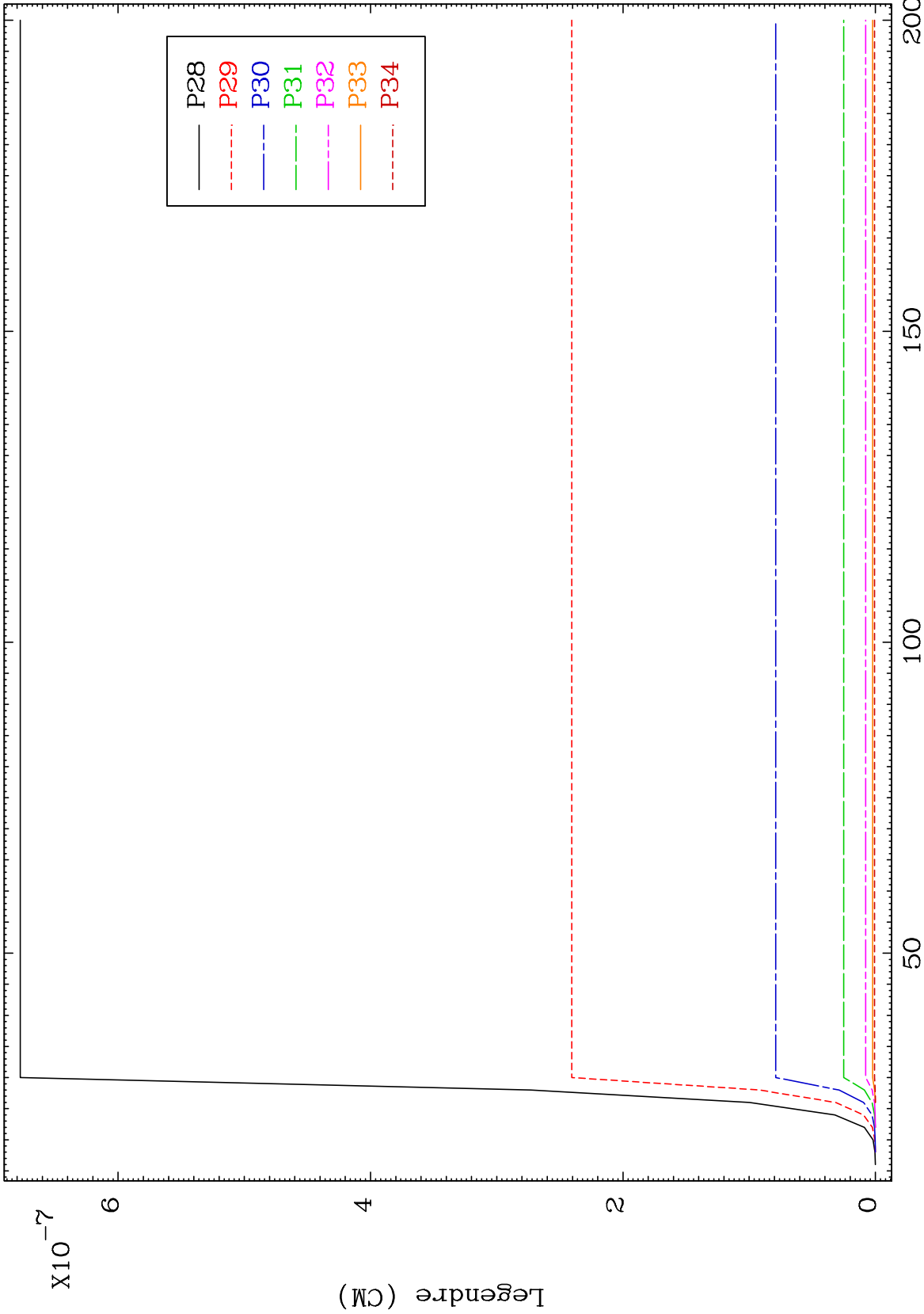
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



38

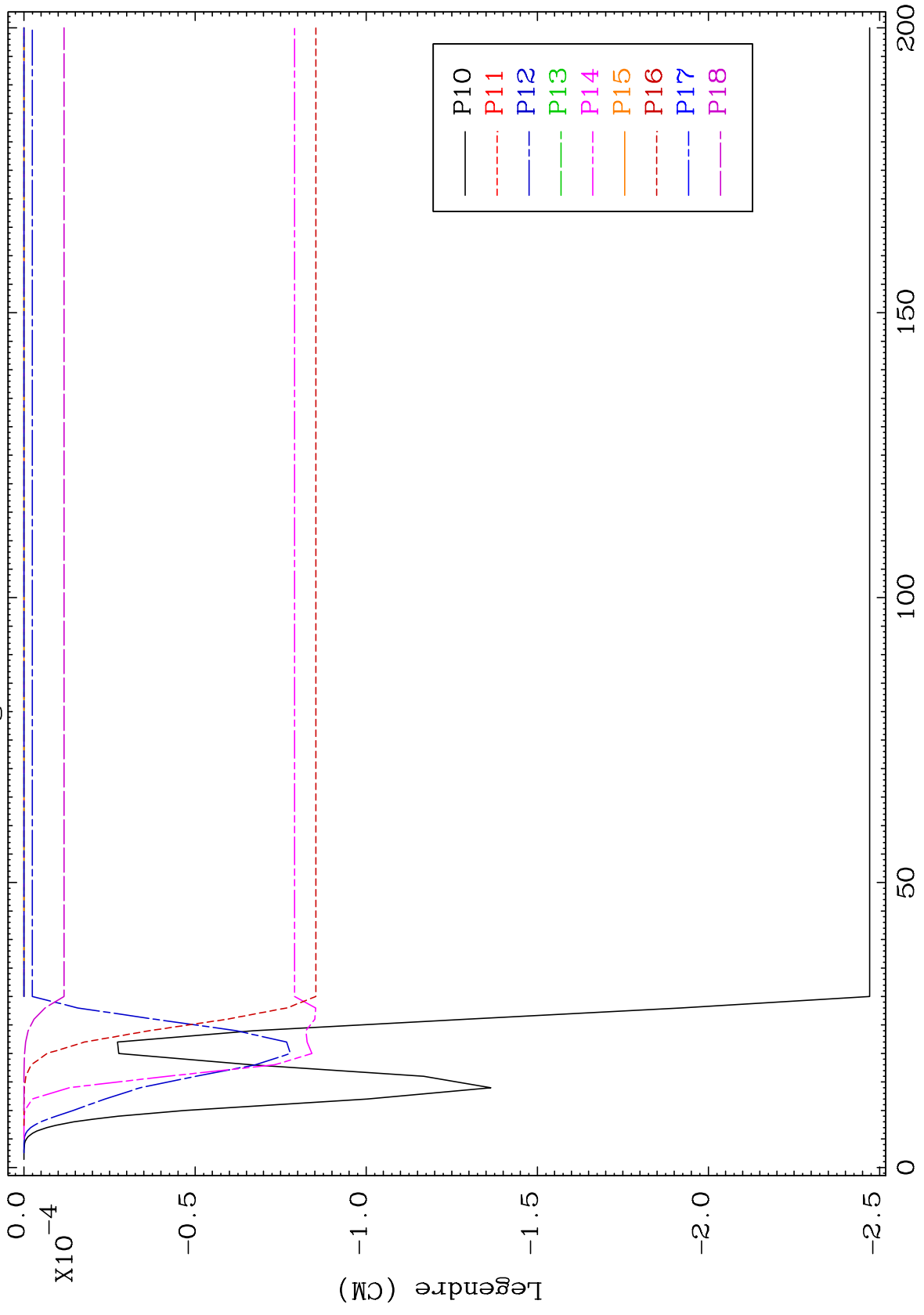
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101

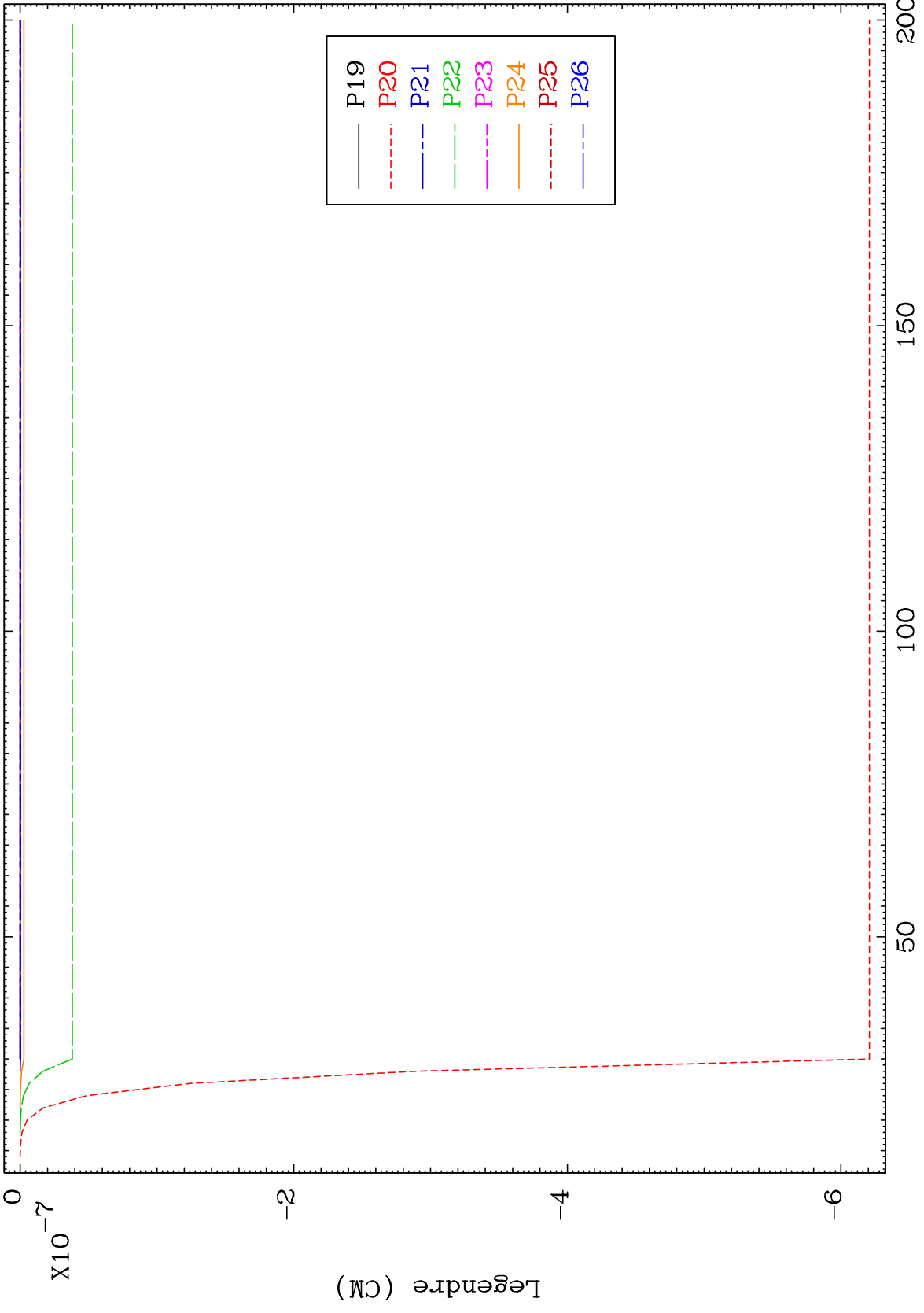


40

Incident Energy (MeV)

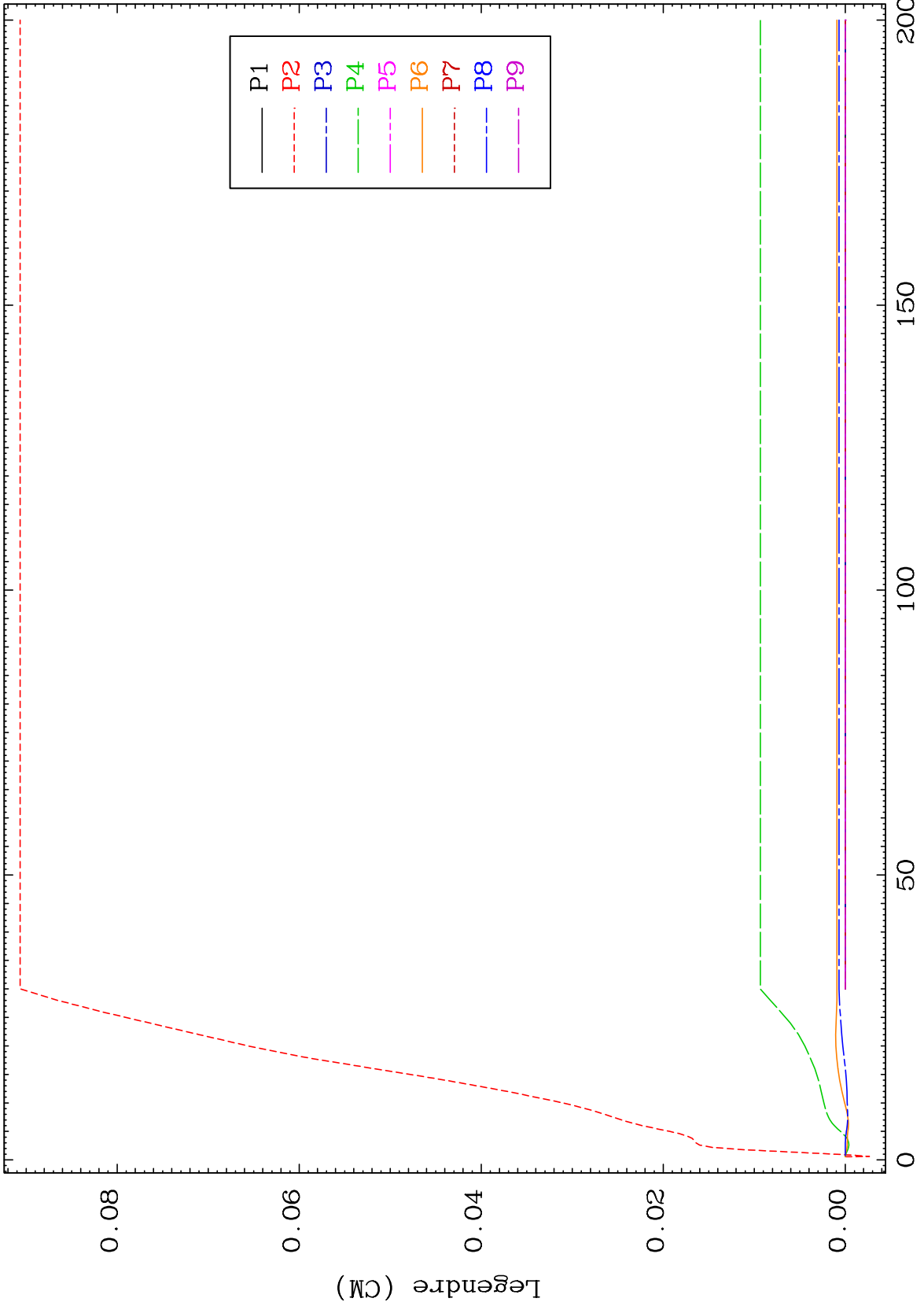
44-Ru-101

MAT 4440 MT= 57 (n,n') Level Legendre Coefficients 44-Ru-101



41 44-Ru-101

MAT 4440 MT= 58 (n,n') Level Legendre Coefficients 44-Ru-101

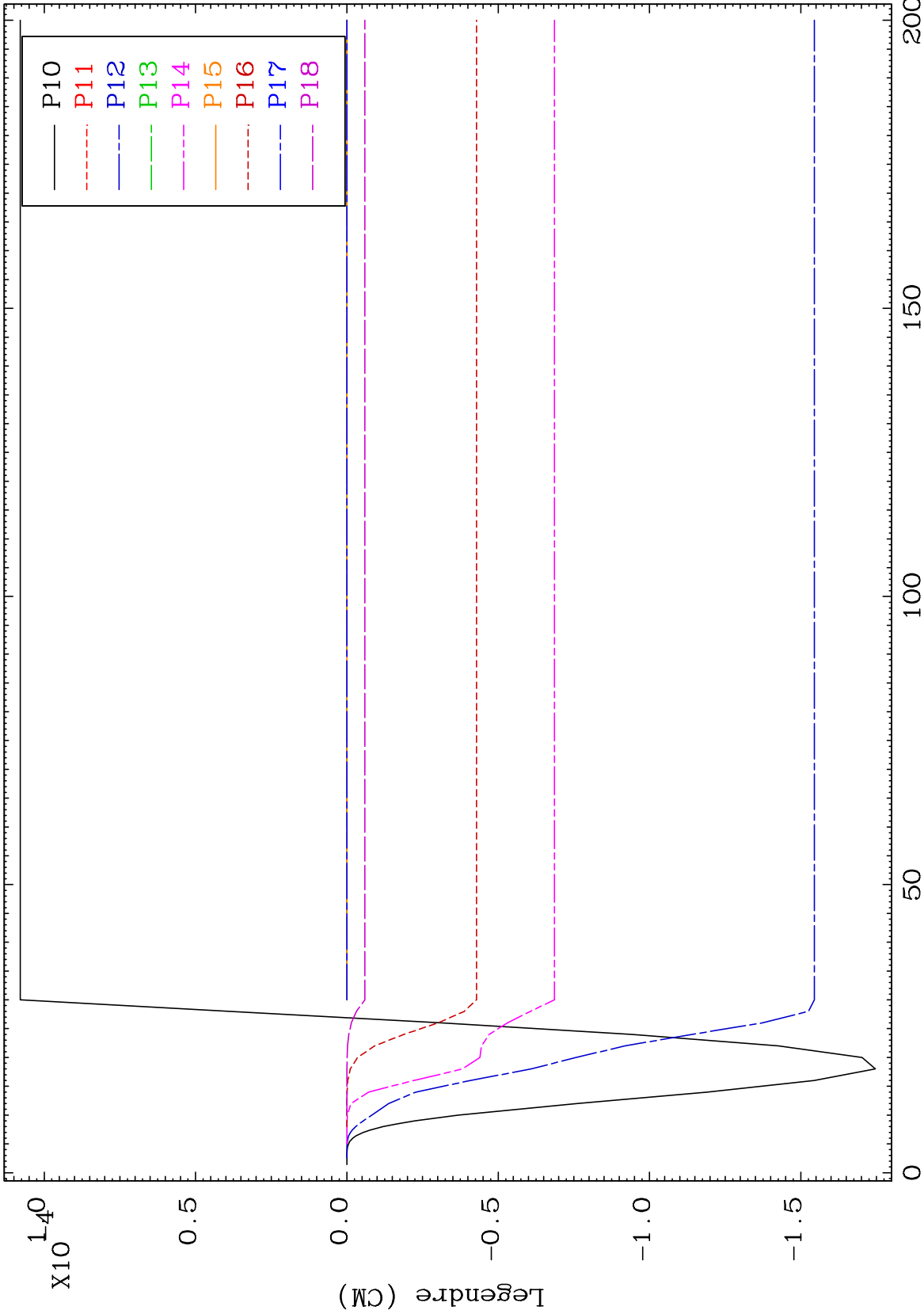


42 44-Ru-101

MAT 4440

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

44-Ru-101

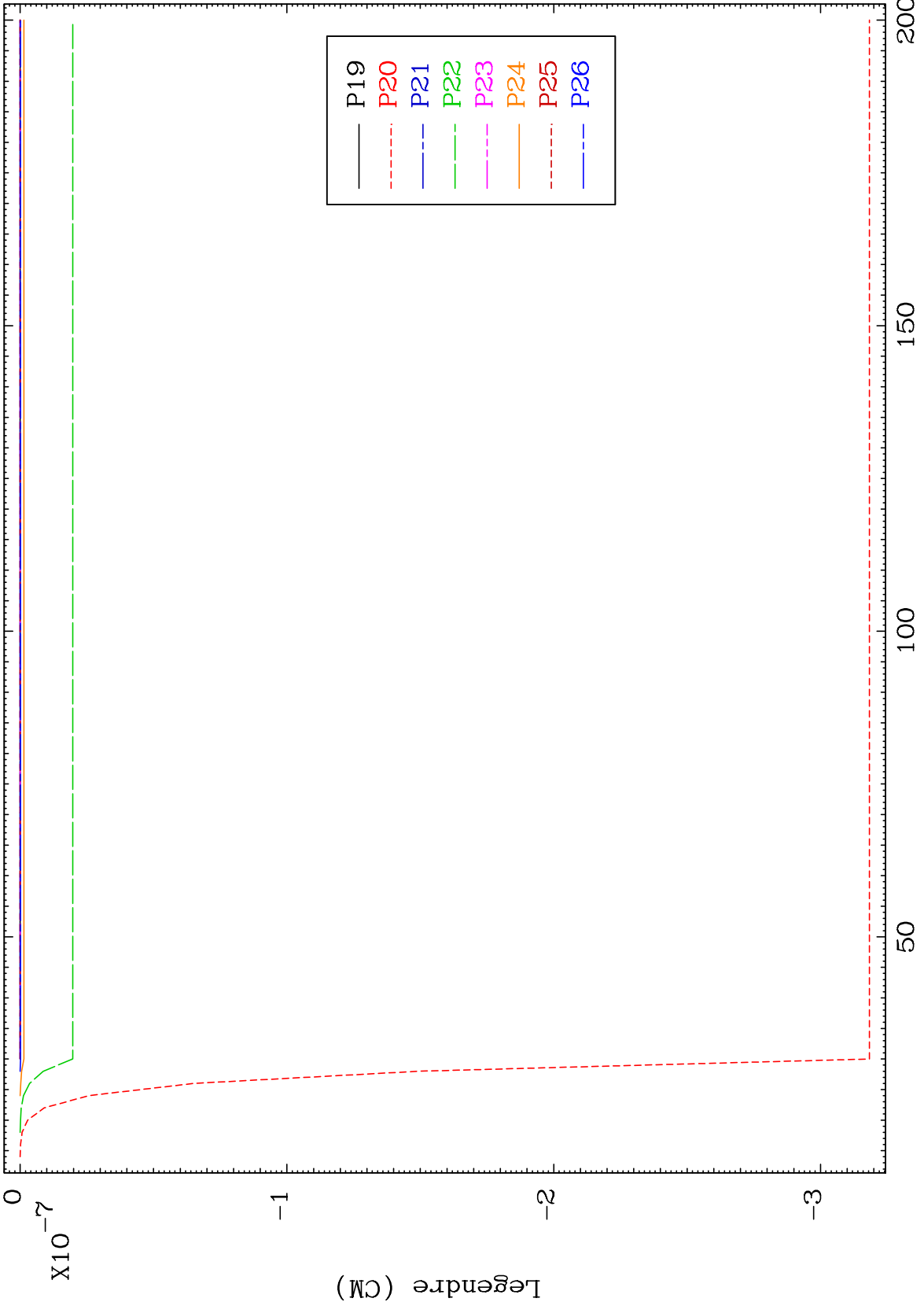


43

Incident Energy (MeV)

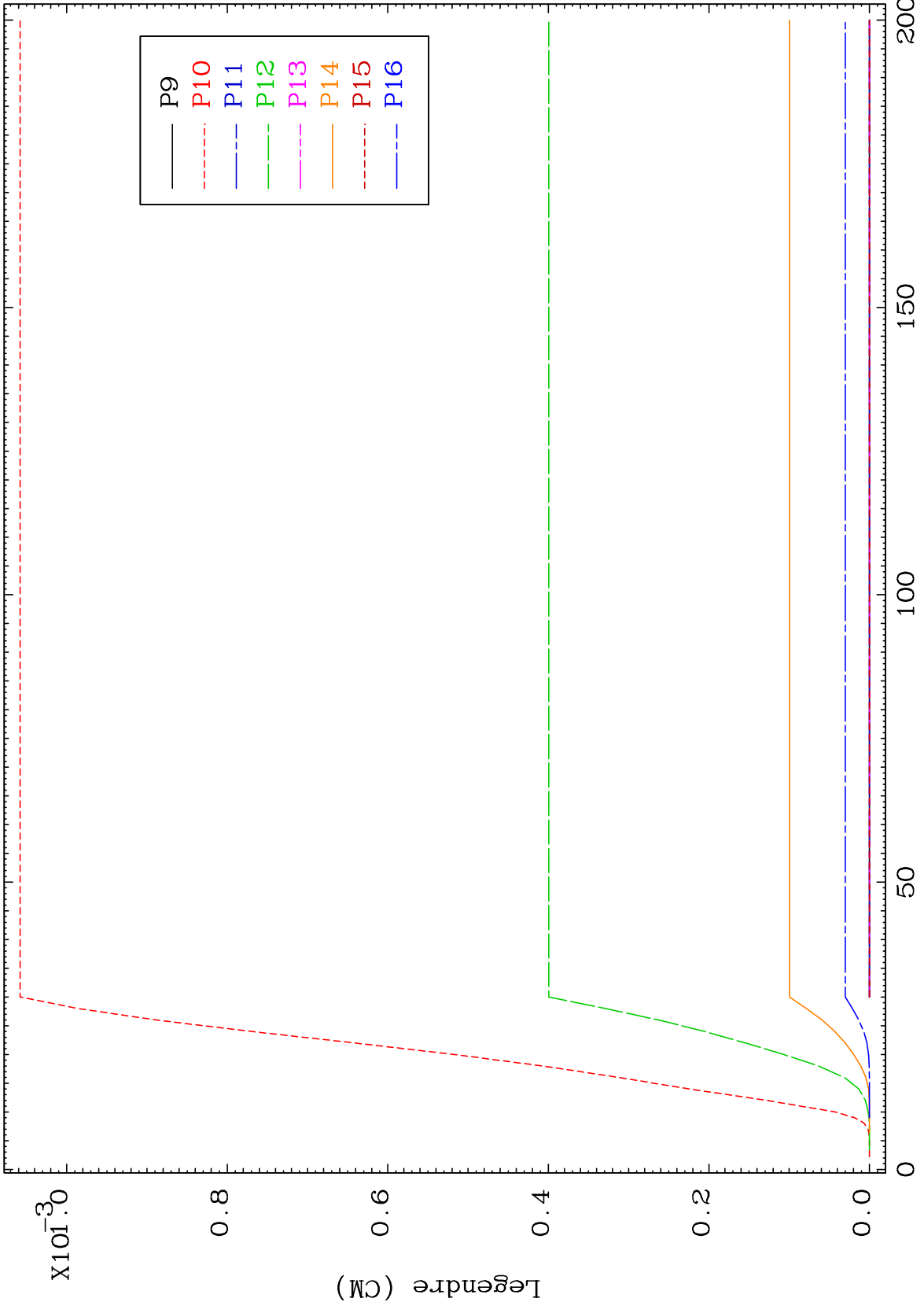
44-Ru-101

MAT 4440 MT= 58 (n,n') Level Legendre Coefficients 44-Ru-101



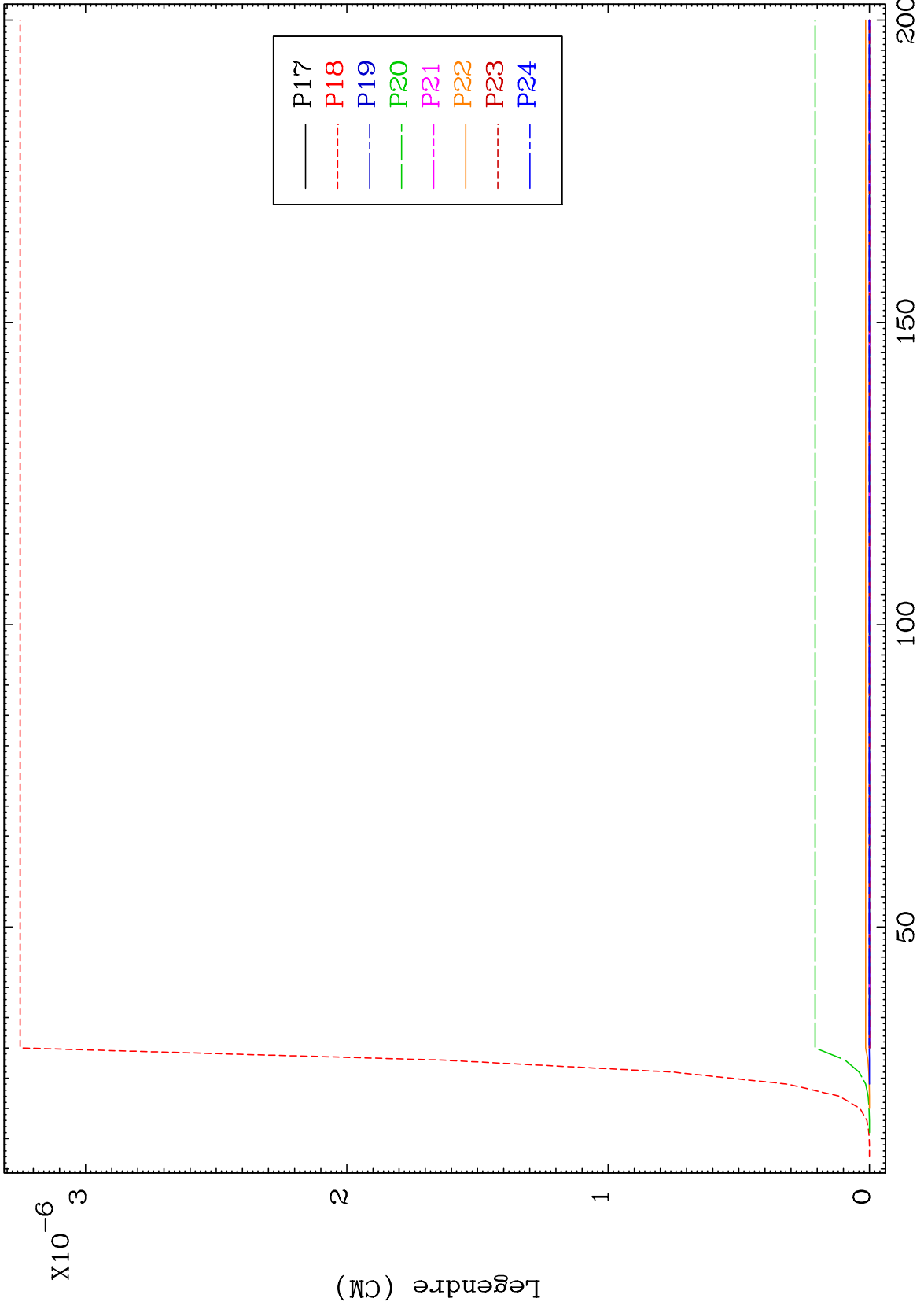
44-Ru-101

MAT 4440 MT= 59 (n,n') Level Legendre Coefficients 44-Ru-101

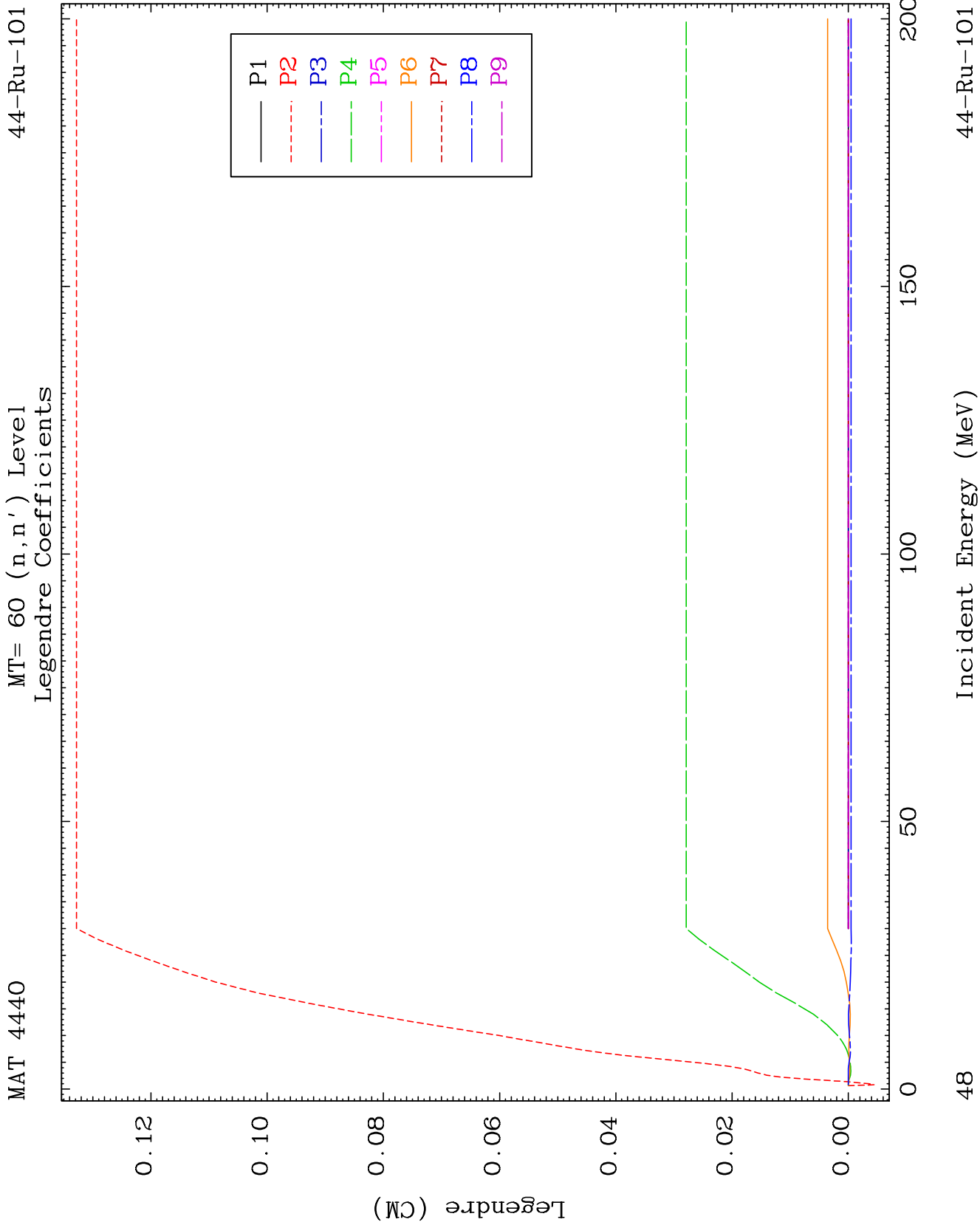


46 44-Ru-101

MAT 4440 MT= 59 (n,n') Level Legendre Coefficients 44-Ru-101



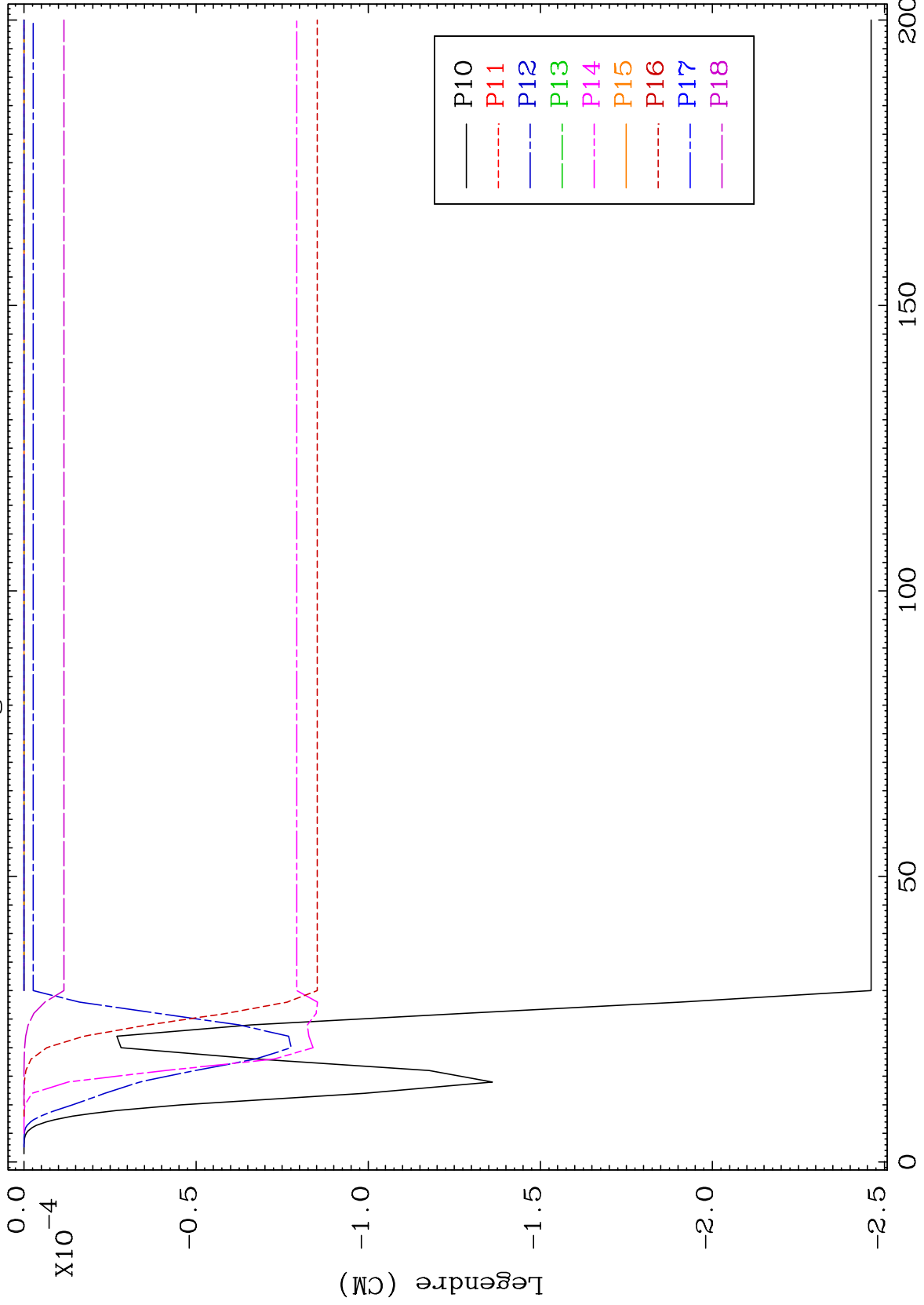
47 Incident Energy (MeV) 44-Ru-101



MAT 4440

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

44-Ru-101

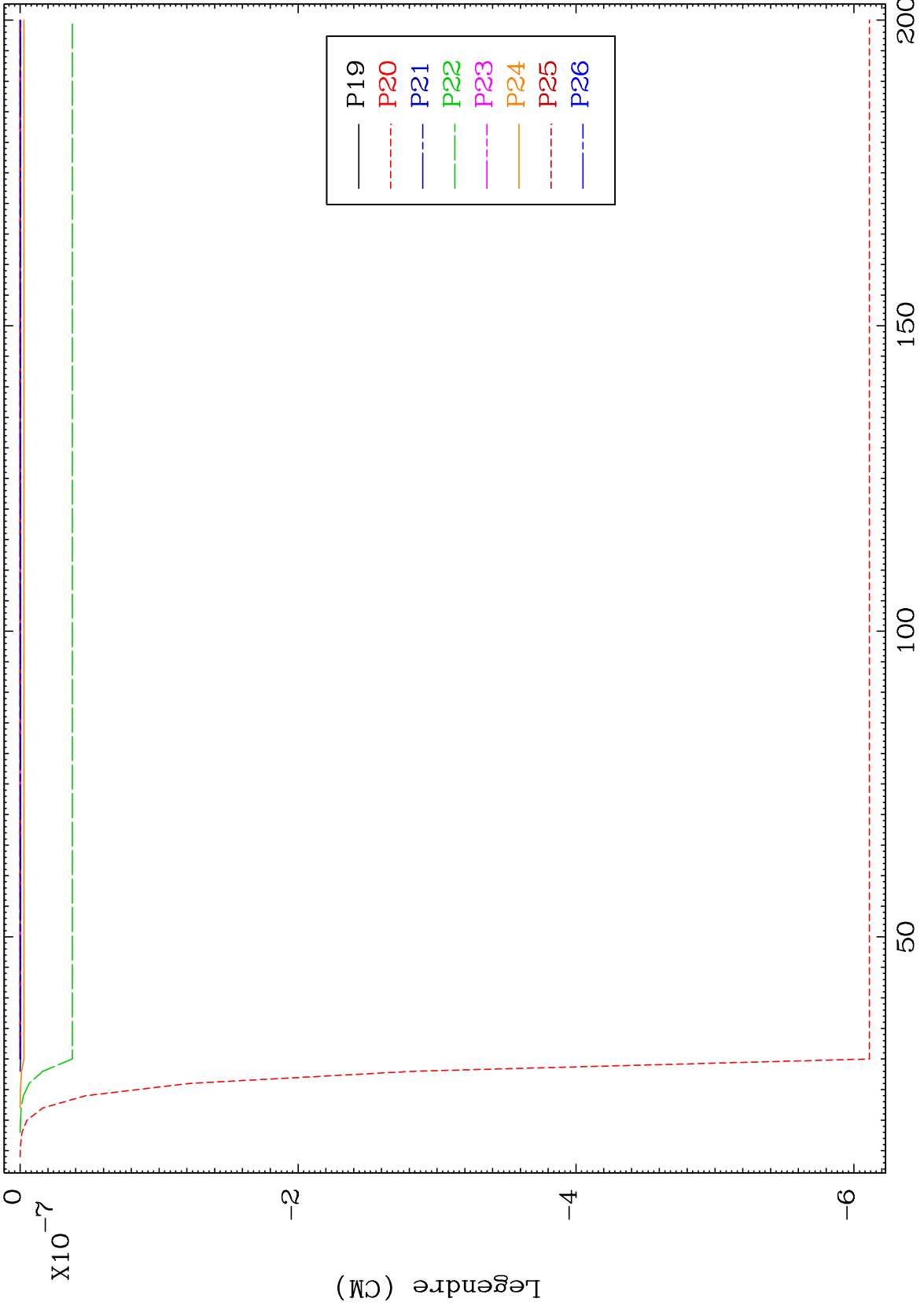


44-Ru-101

Incident Energy (MeV)

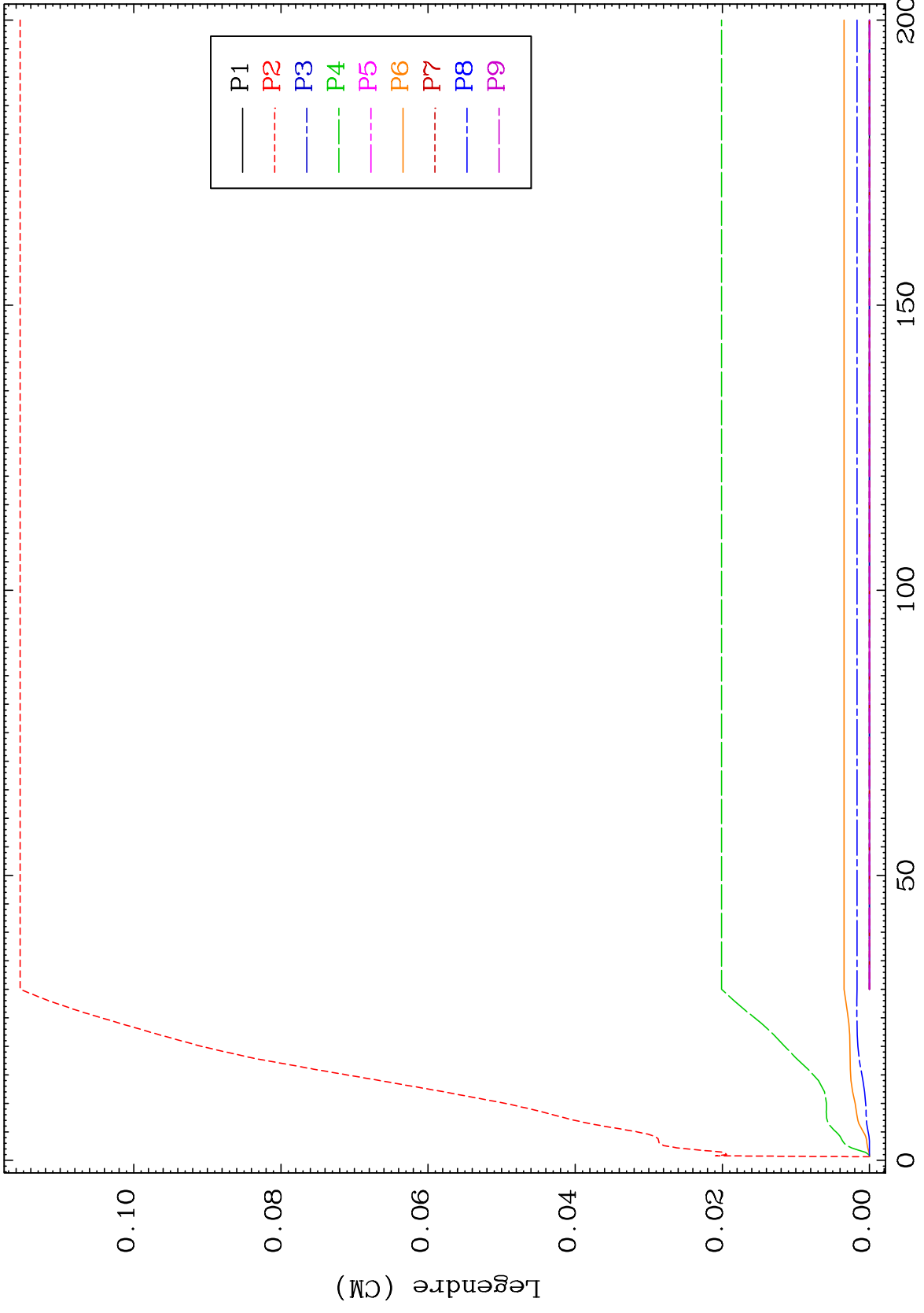
49

MAT 4440 MT= 60 (n,n') Level Legendre Coefficients 44-Ru-101



50 100 150 200 Incident Energy (MeV) 44-Ru-101

MAT 4440 MT= 61 (n,n') Level Legendre Coefficients 44-Ru-101

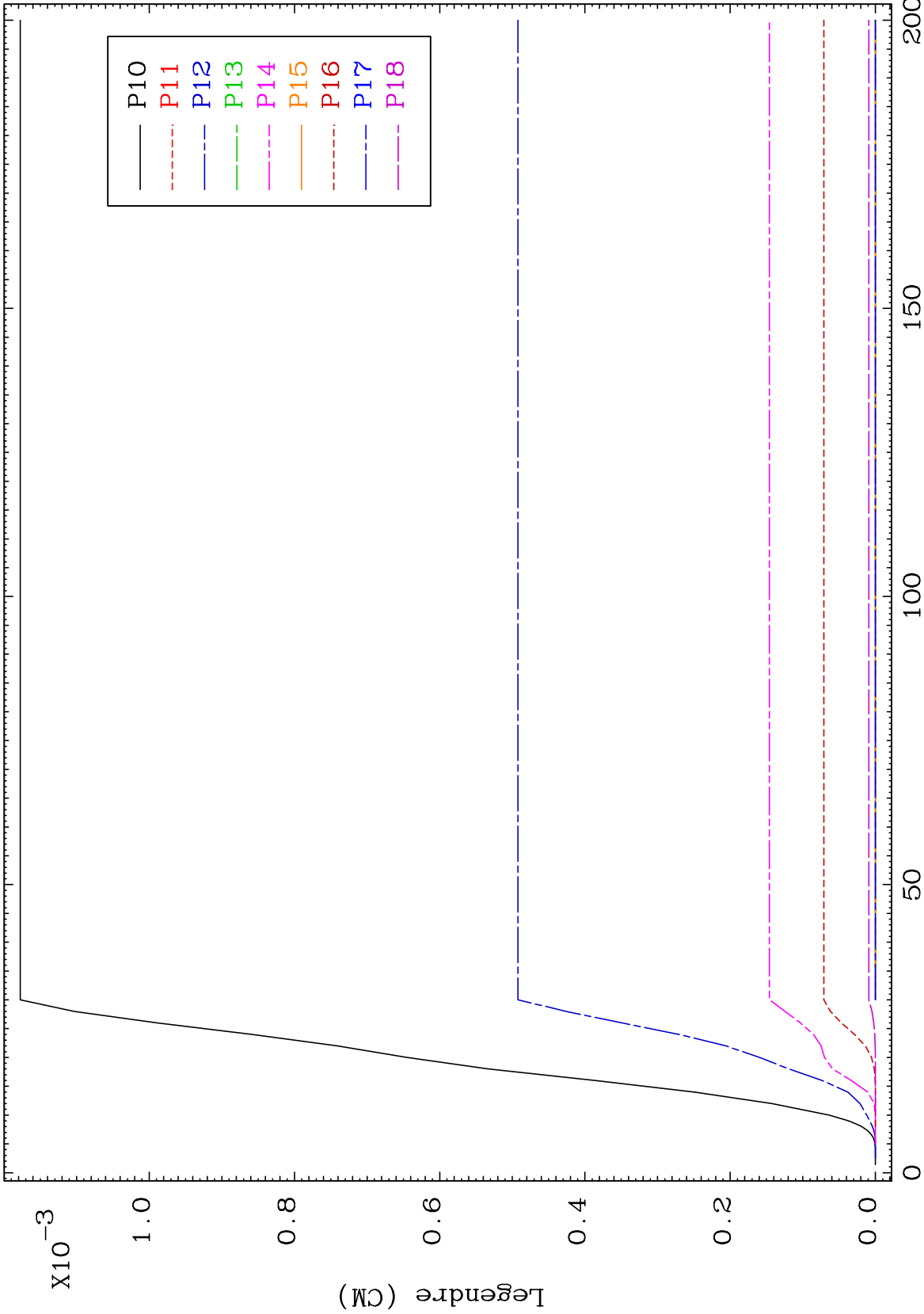


51 Incident Energy (MeV) 44-Ru-101

MAT 4440

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

44-Ru-101

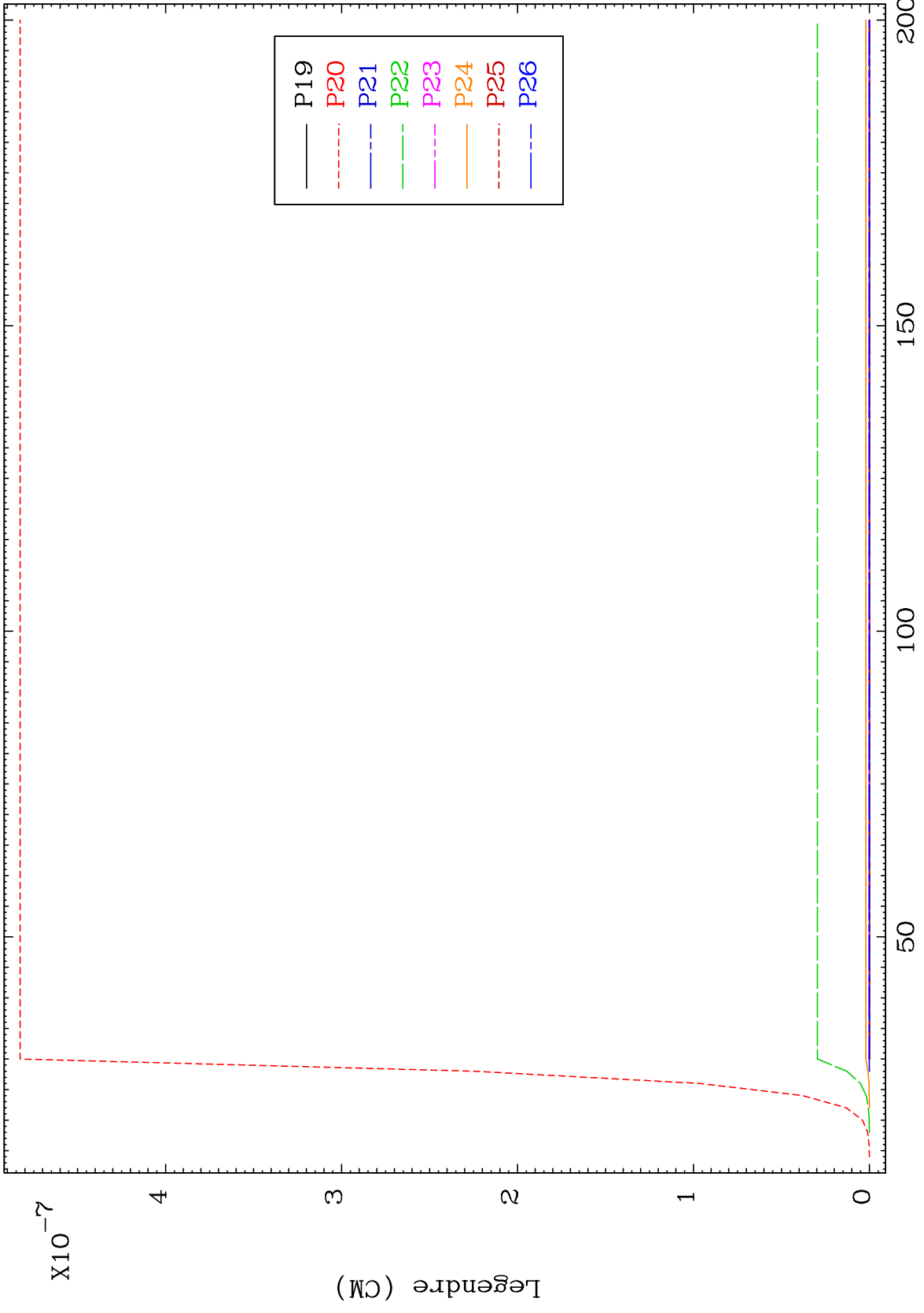


52

Incident Energy (MeV)

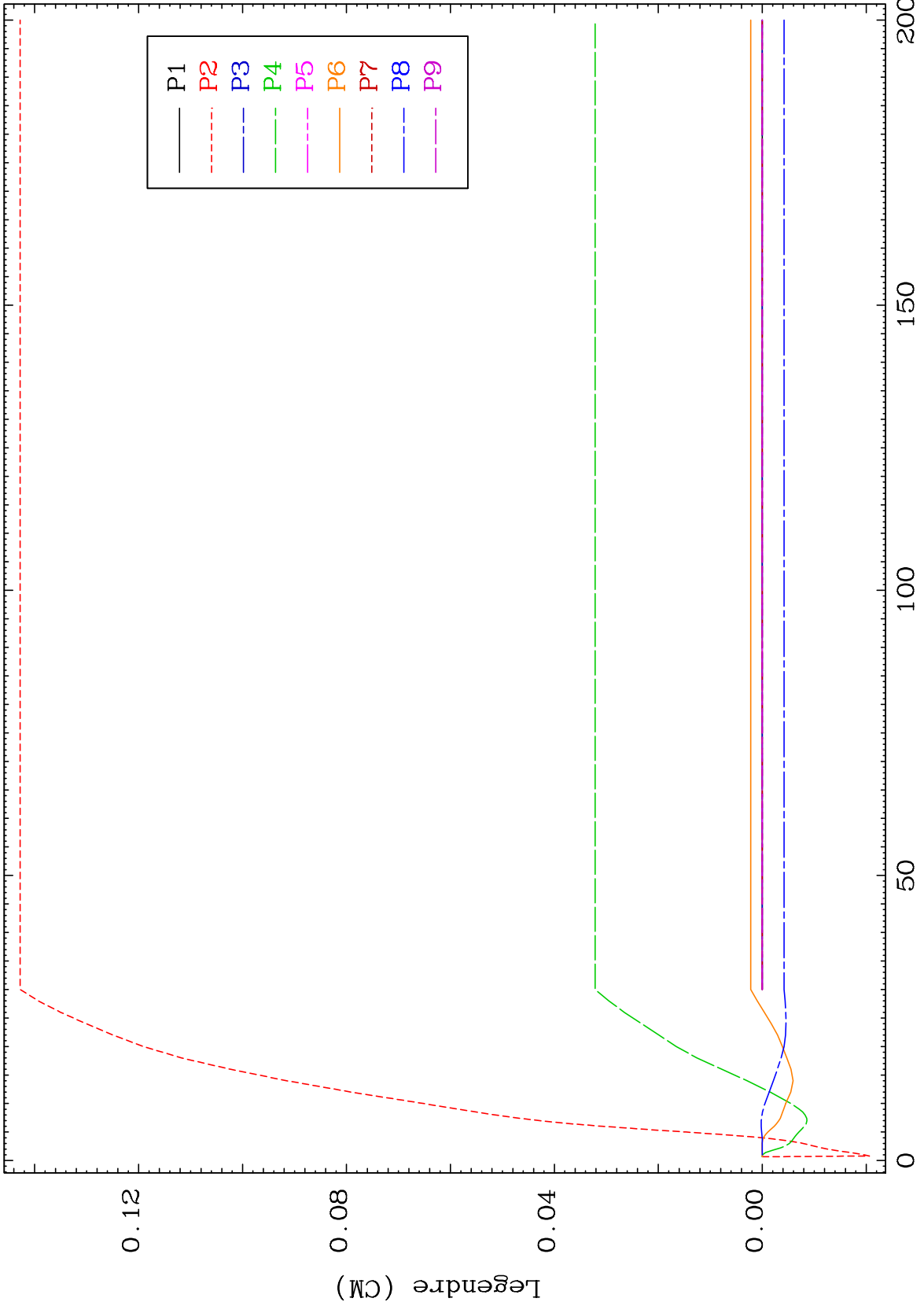
44-Ru-101

MAT 4440 MT= 61 (n,n') Level Legendre Coefficients 44-Ru-101



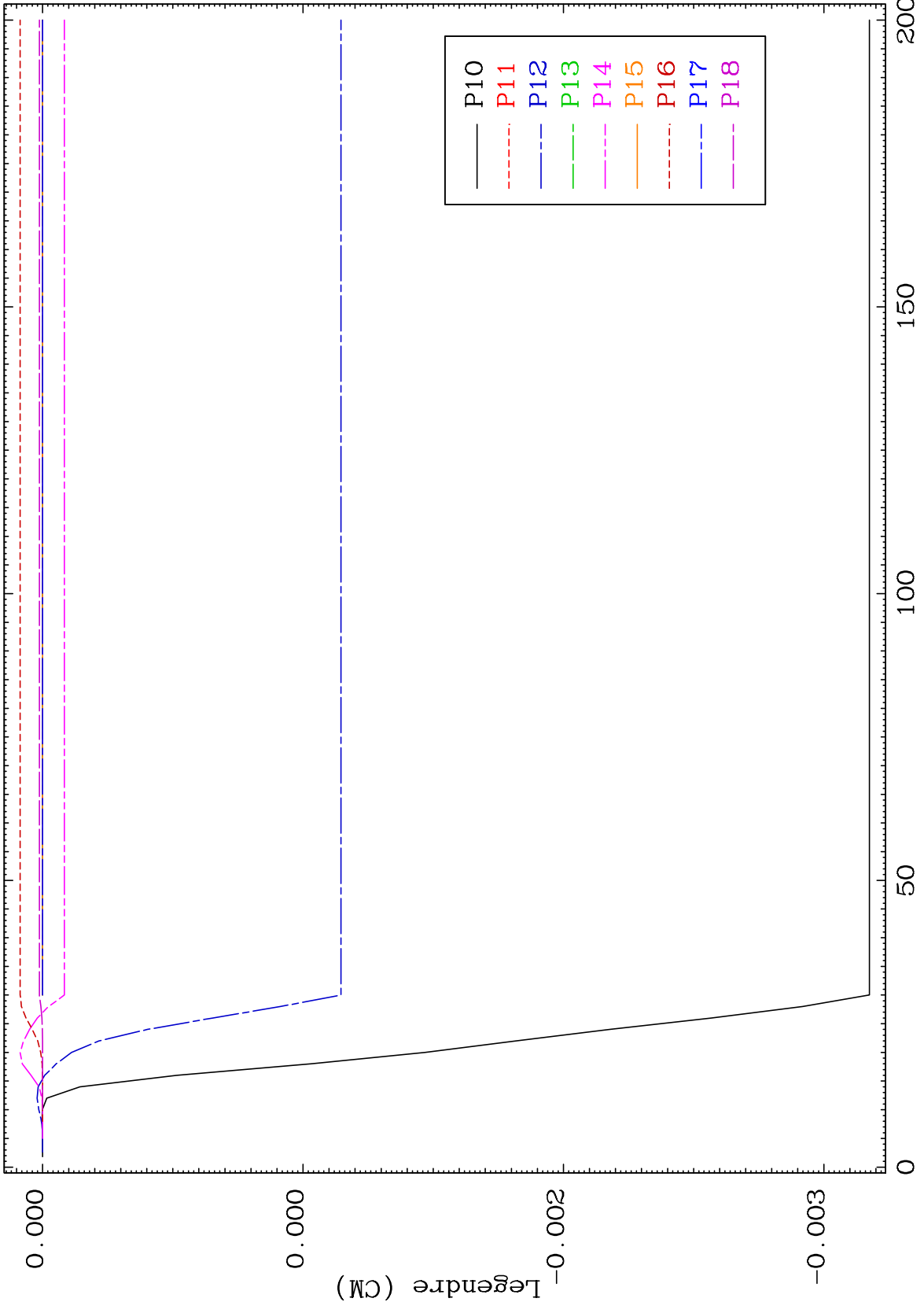
53 Incident Energy (MeV) 44-Ru-101

MAT 4440 MT= 62 (n,n') Level Legendre Coefficients 44-Ru-101



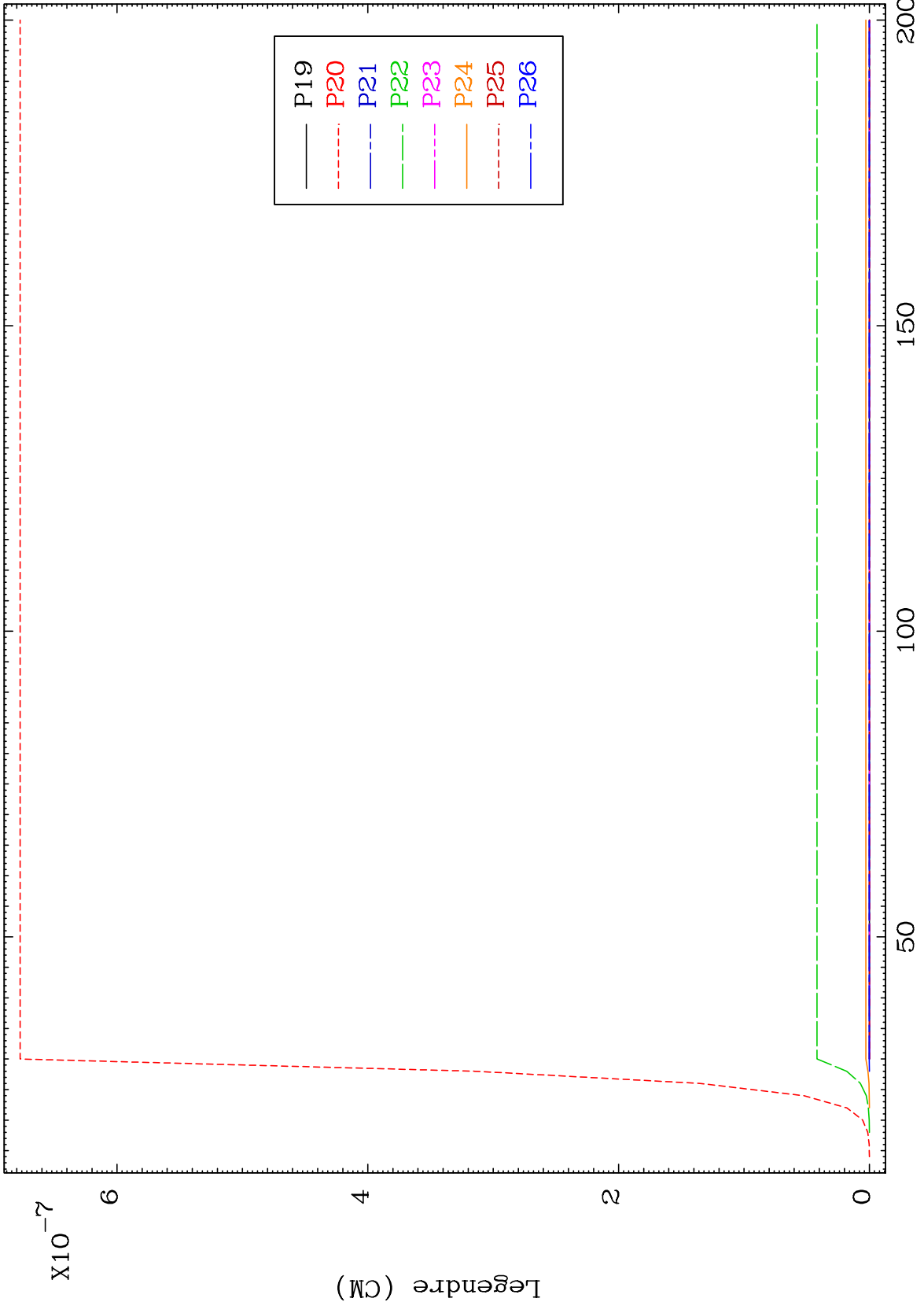
54 44-Ru-101

MAT 4440 MT= 62 (n,n') Level Legendre Coefficients 44-Ru-101



55 44-Ru-101

MAT 4440 MT= 62 (n,n') Level Legendre Coefficients 44-Ru-101

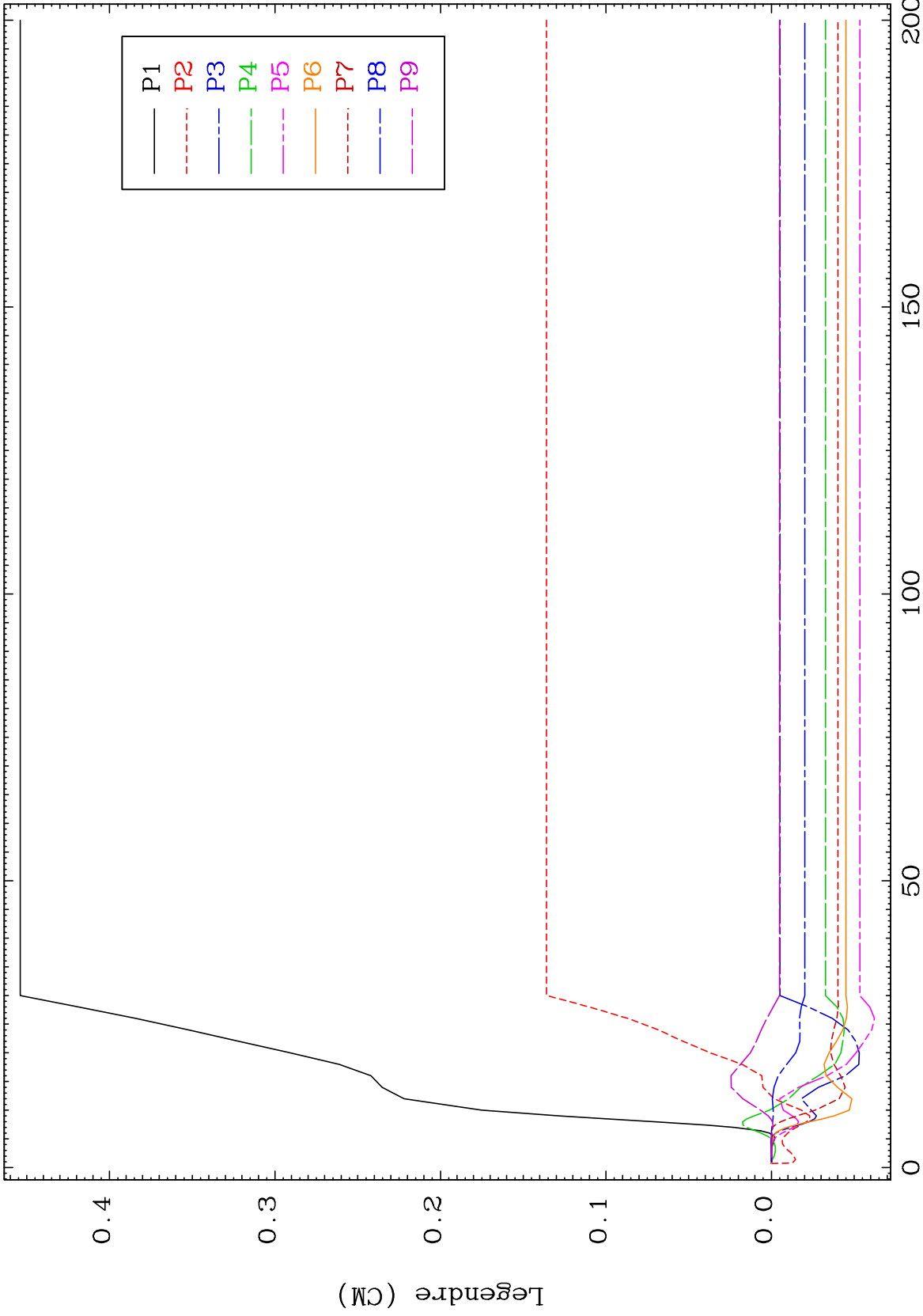


44-Ru-101

MAT 4440

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

44-Ru-101



57

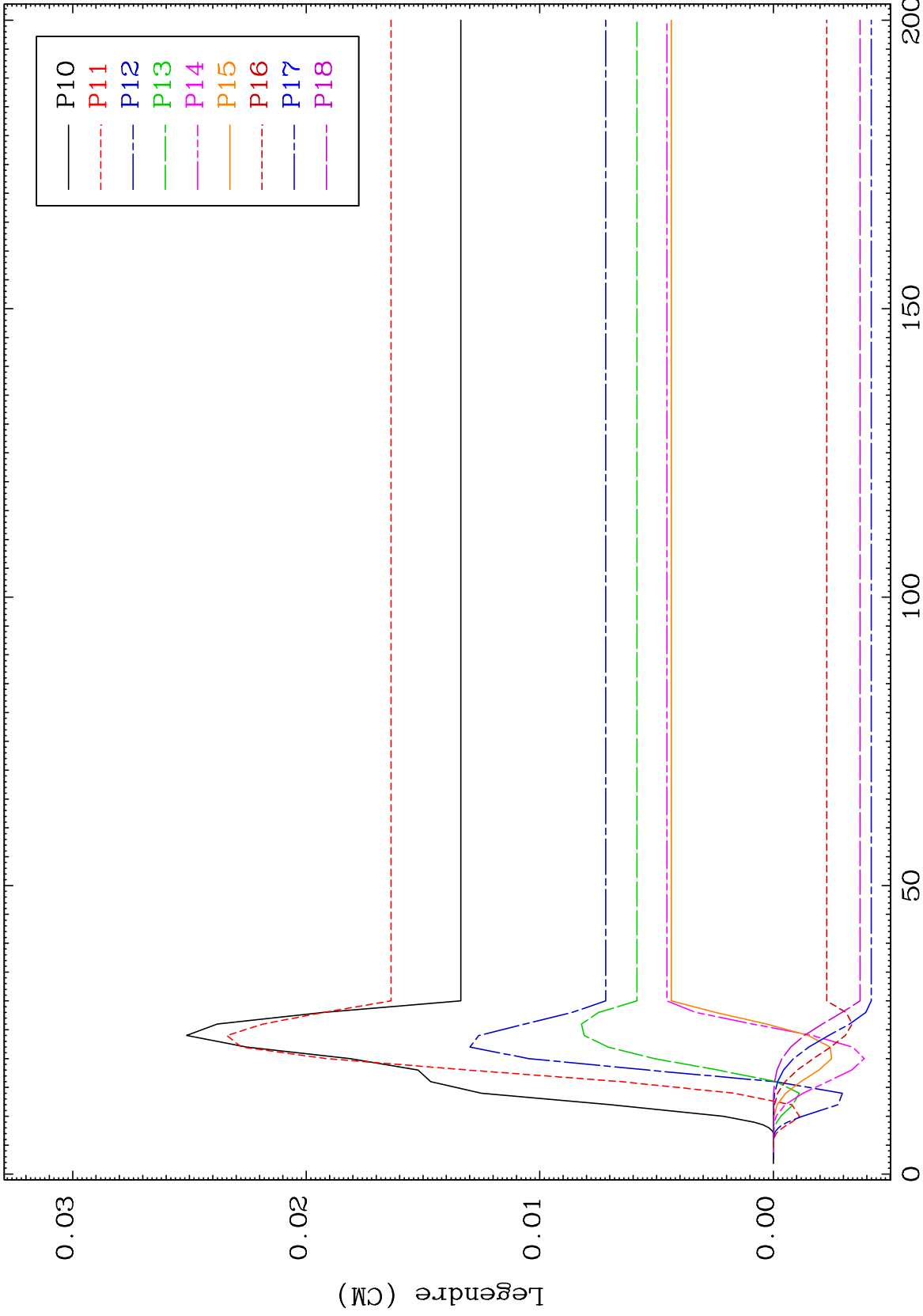
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



58

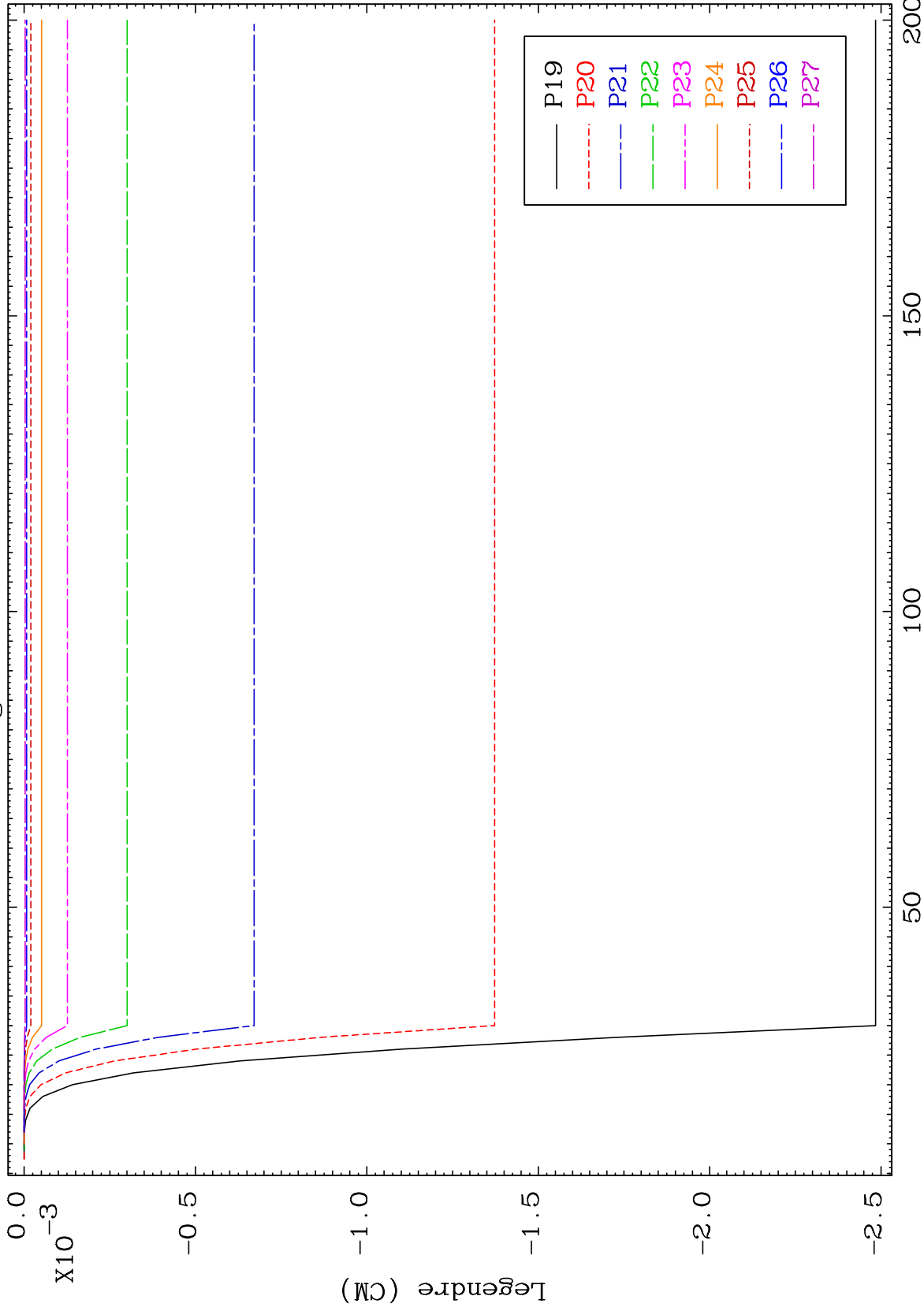
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

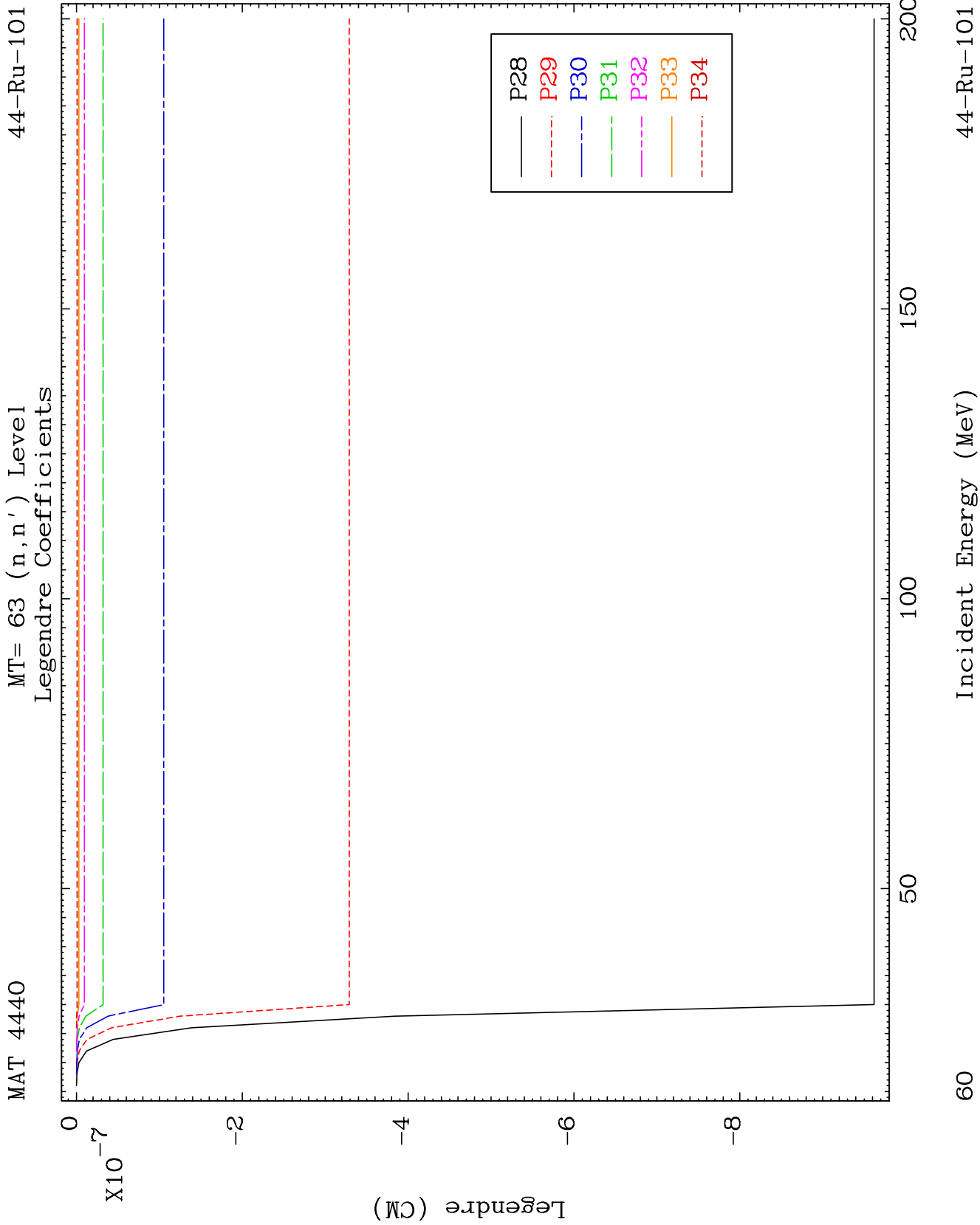
44-Ru-101



44-Ru-101

Incident Energy (MeV)

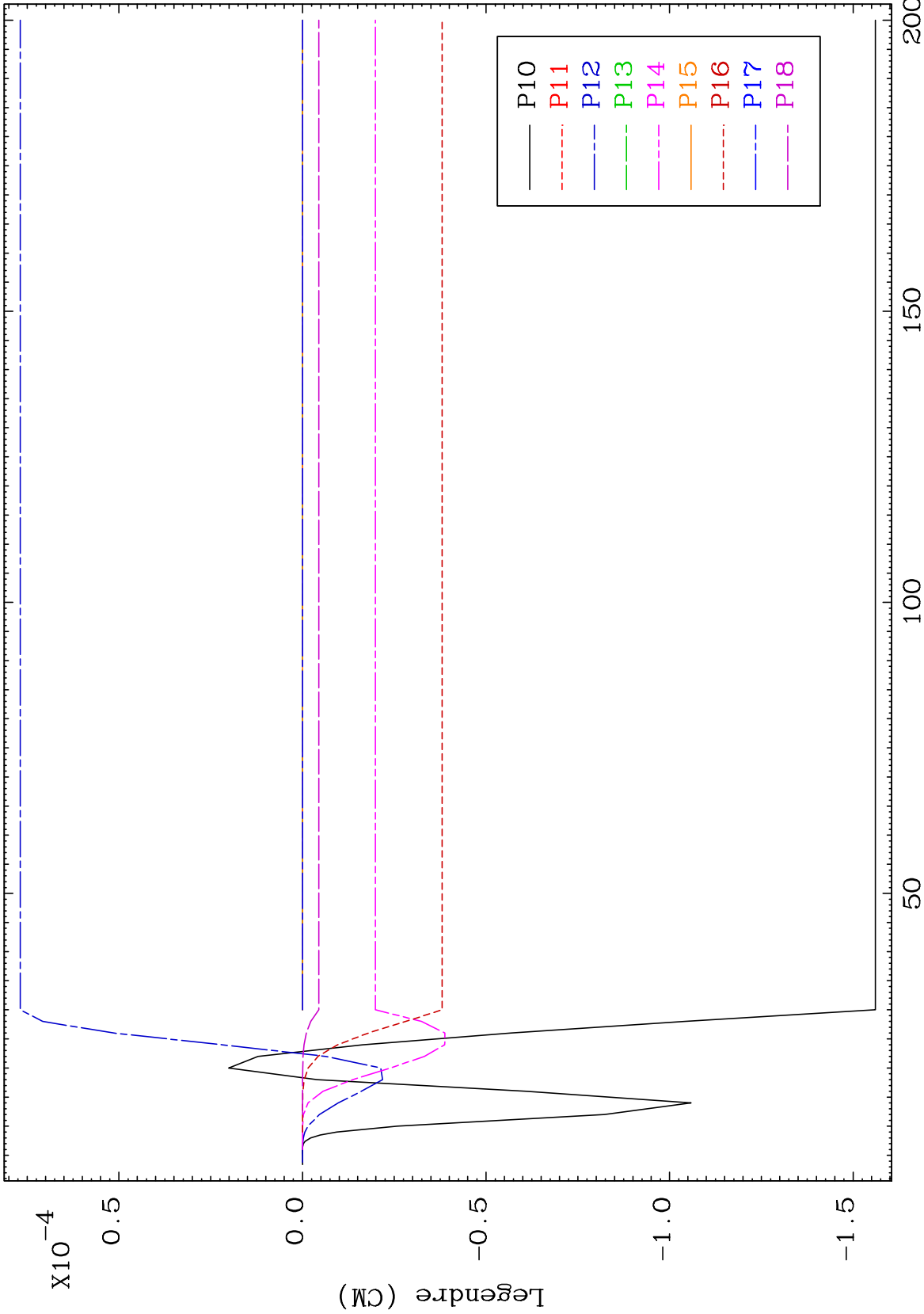
59



MAT 4440

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

44-Ru-101

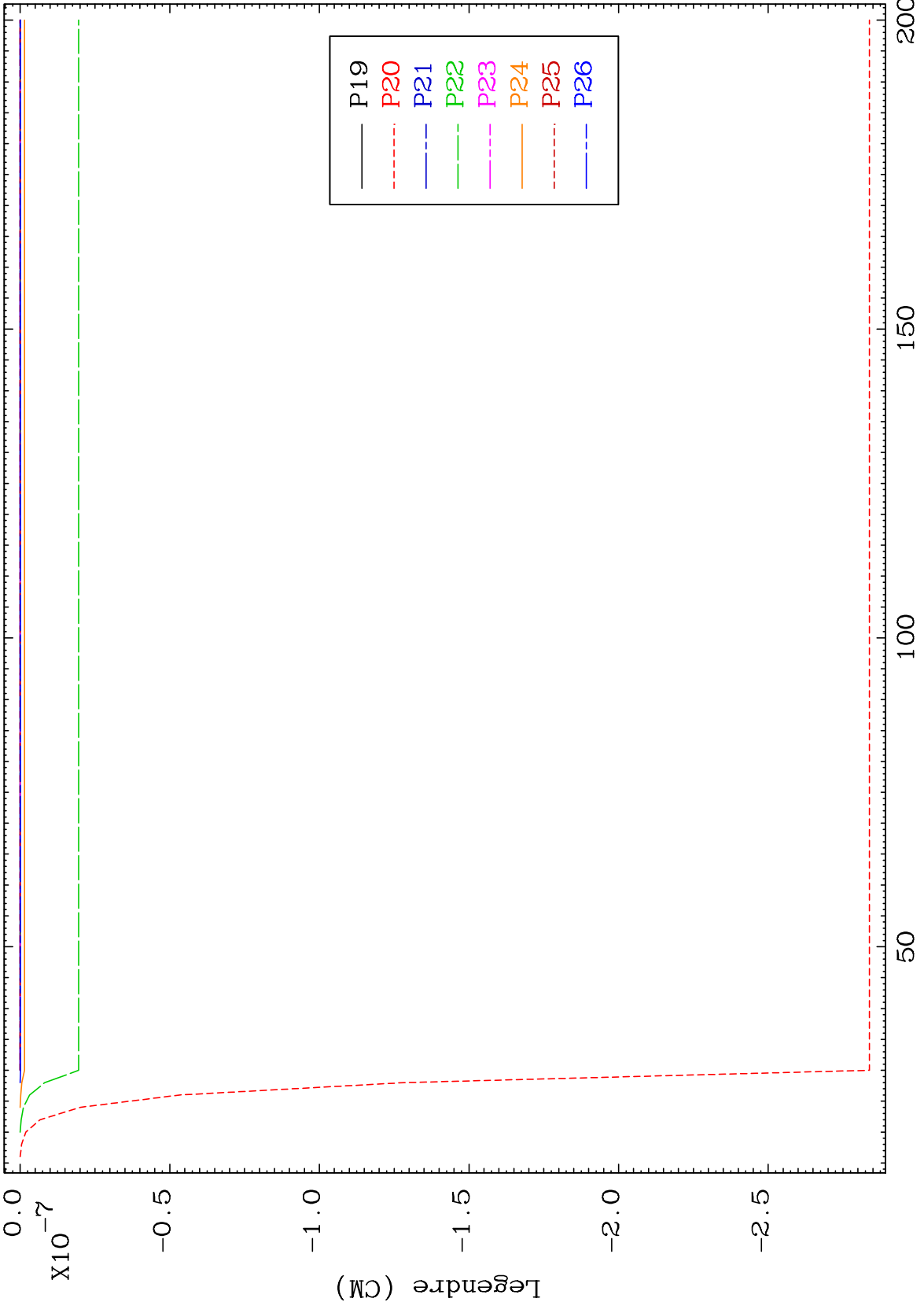


62

Incident Energy (MeV)

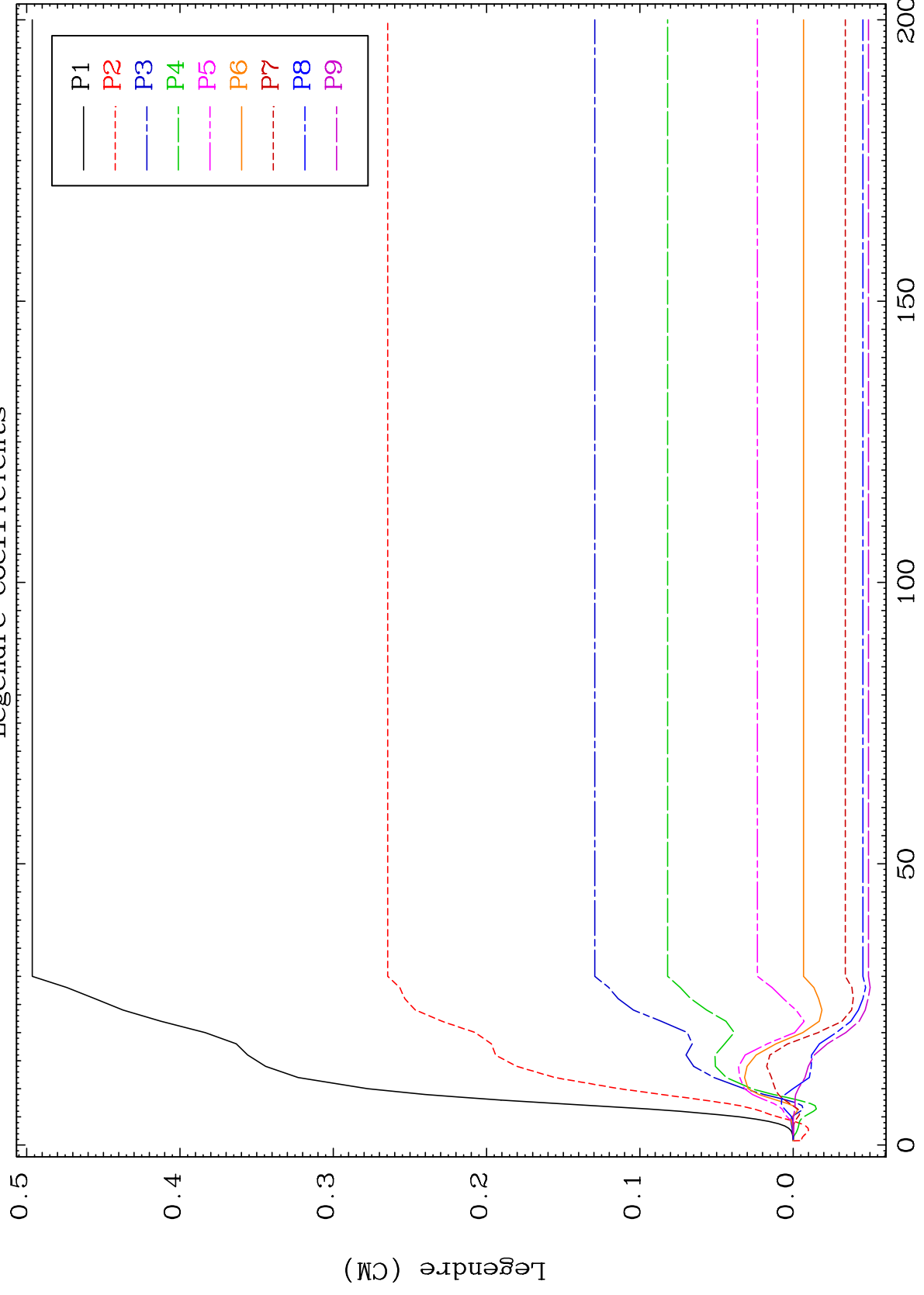
44-Ru-101

MAT 4440 MT= 64 (n,n') Level Legendre Coefficients 44-Ru-101



63 44-Ru-101

MAT 4440 MT= 65 (n,n') Level Legendre Coefficients 44-Ru-101

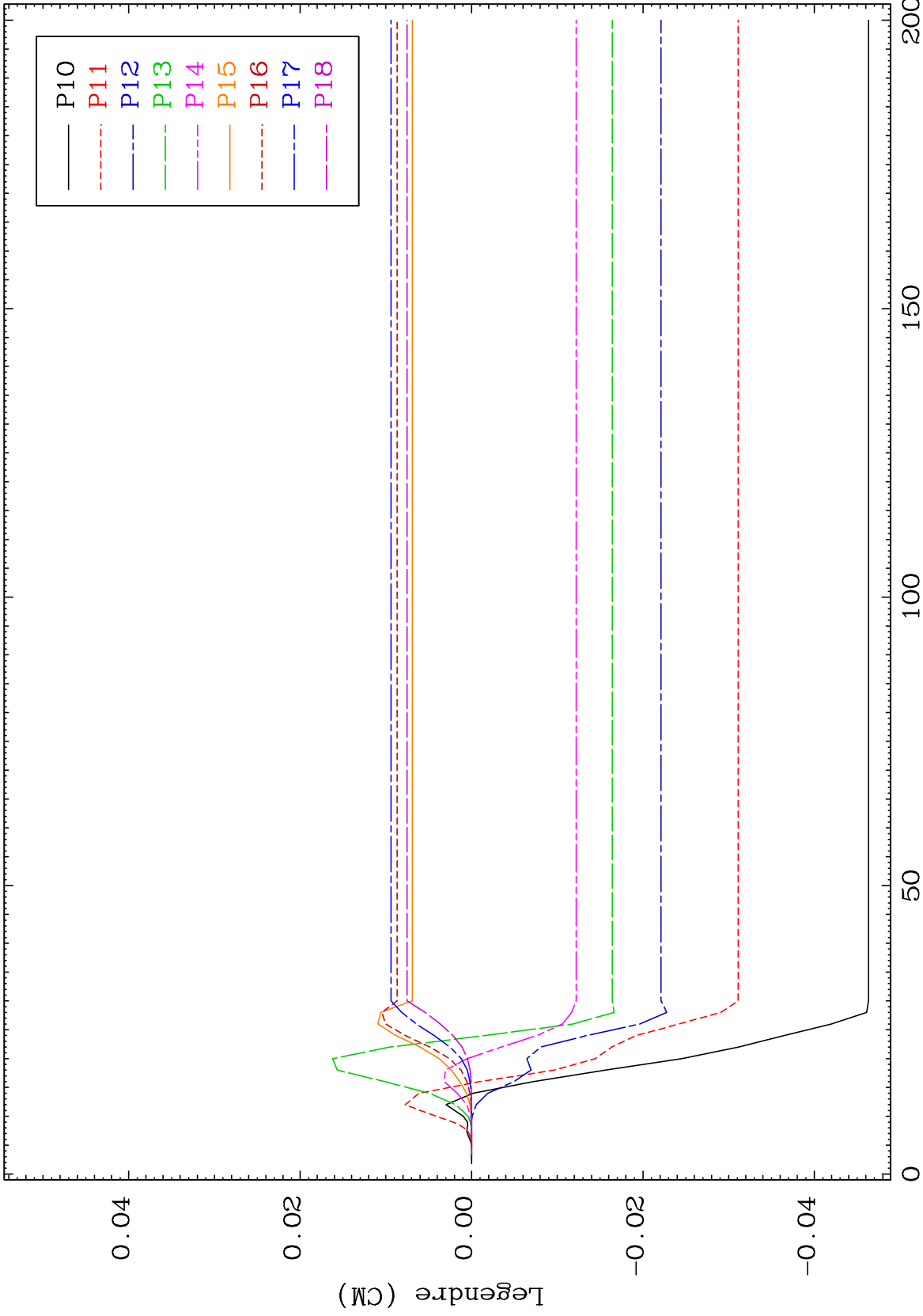


64 44-Ru-101

MAT 4440

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

44-Ru-101



65

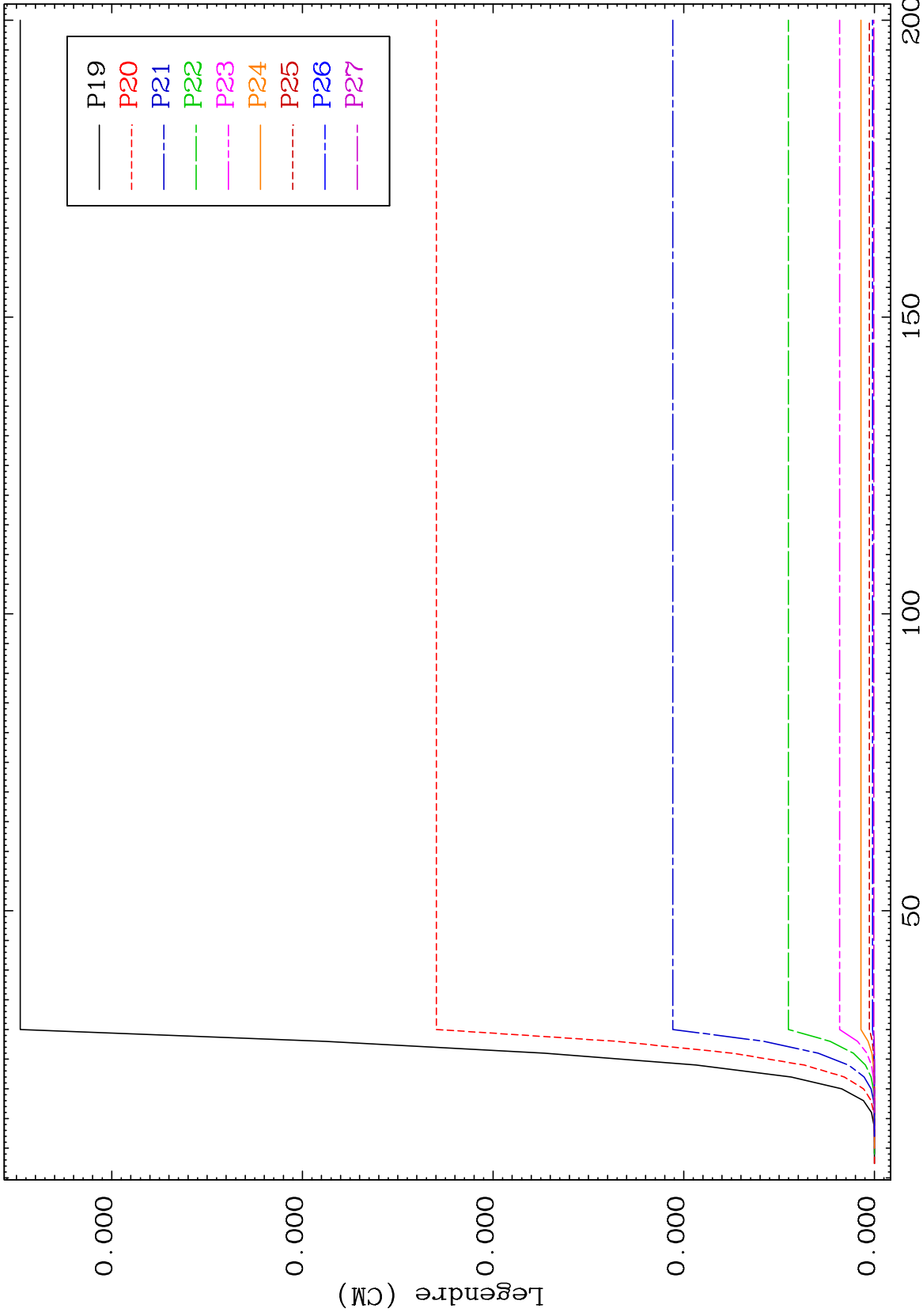
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



66

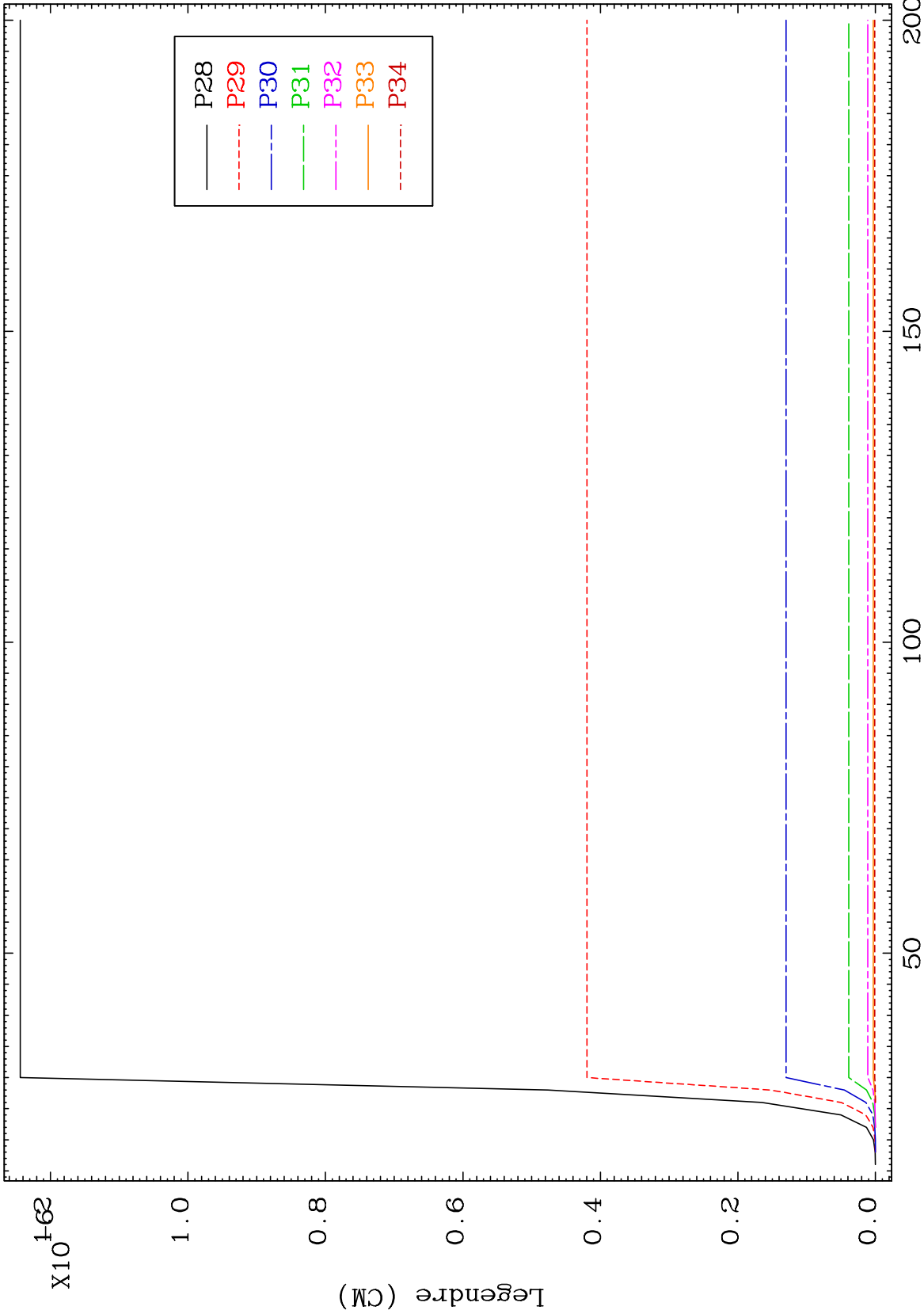
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101

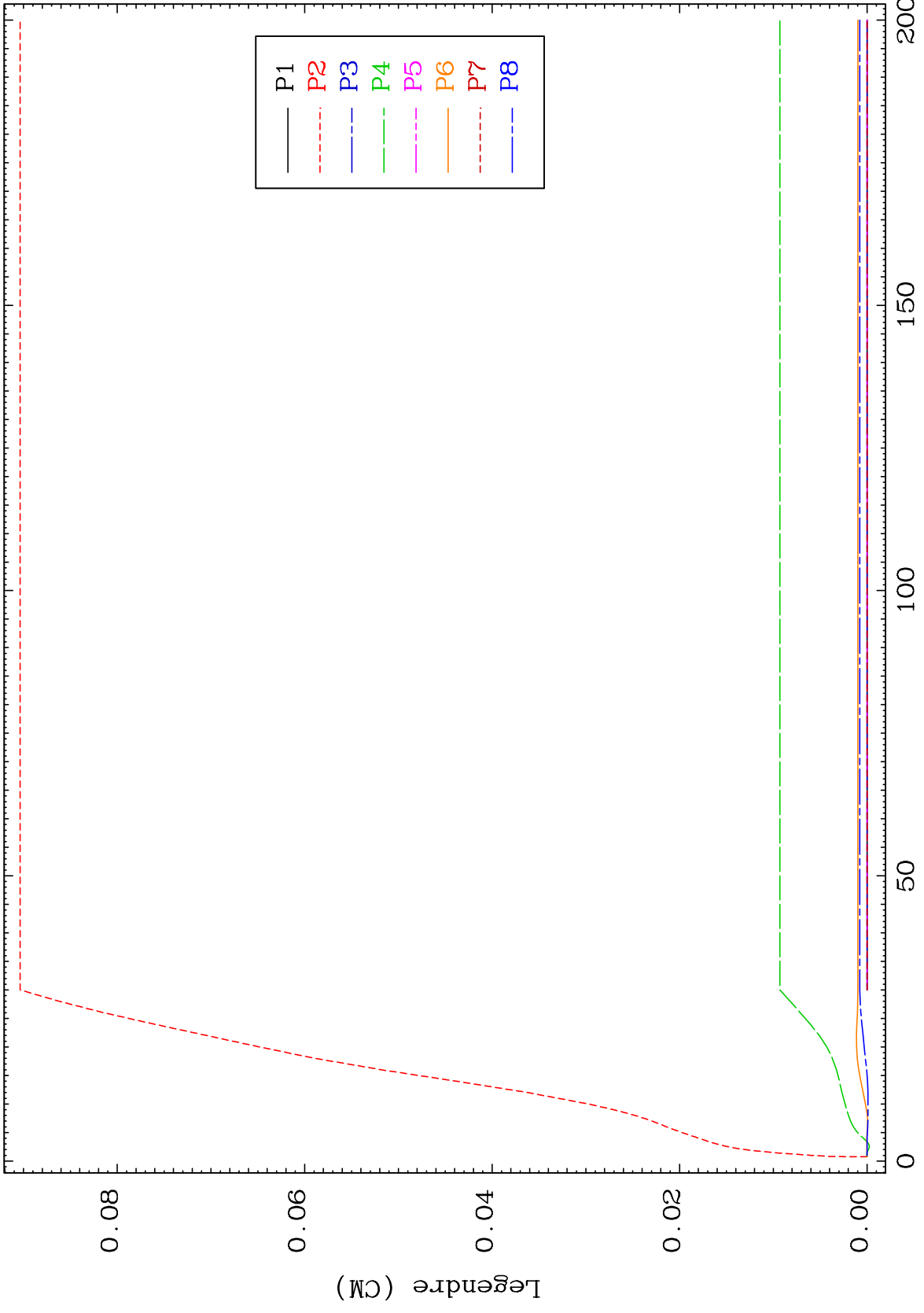


67

Incident Energy (MeV)

44-Ru-101

MAT 4440 MT= 66 (n,n') Level Legendre Coefficients 44-Ru-101

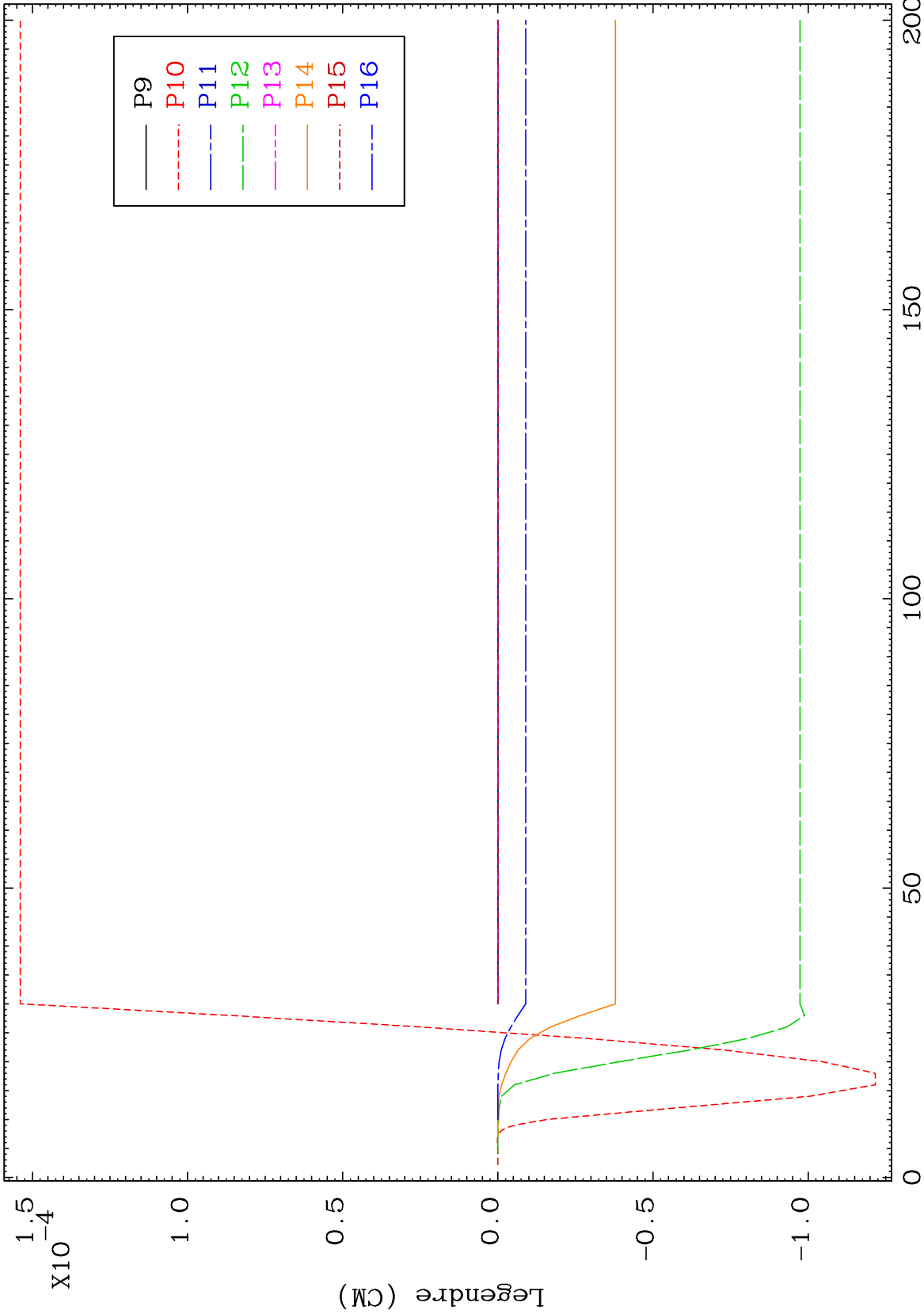


68 Incident Energy (MeV) 44-Ru-101

MAT 4440

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

44-Ru-101

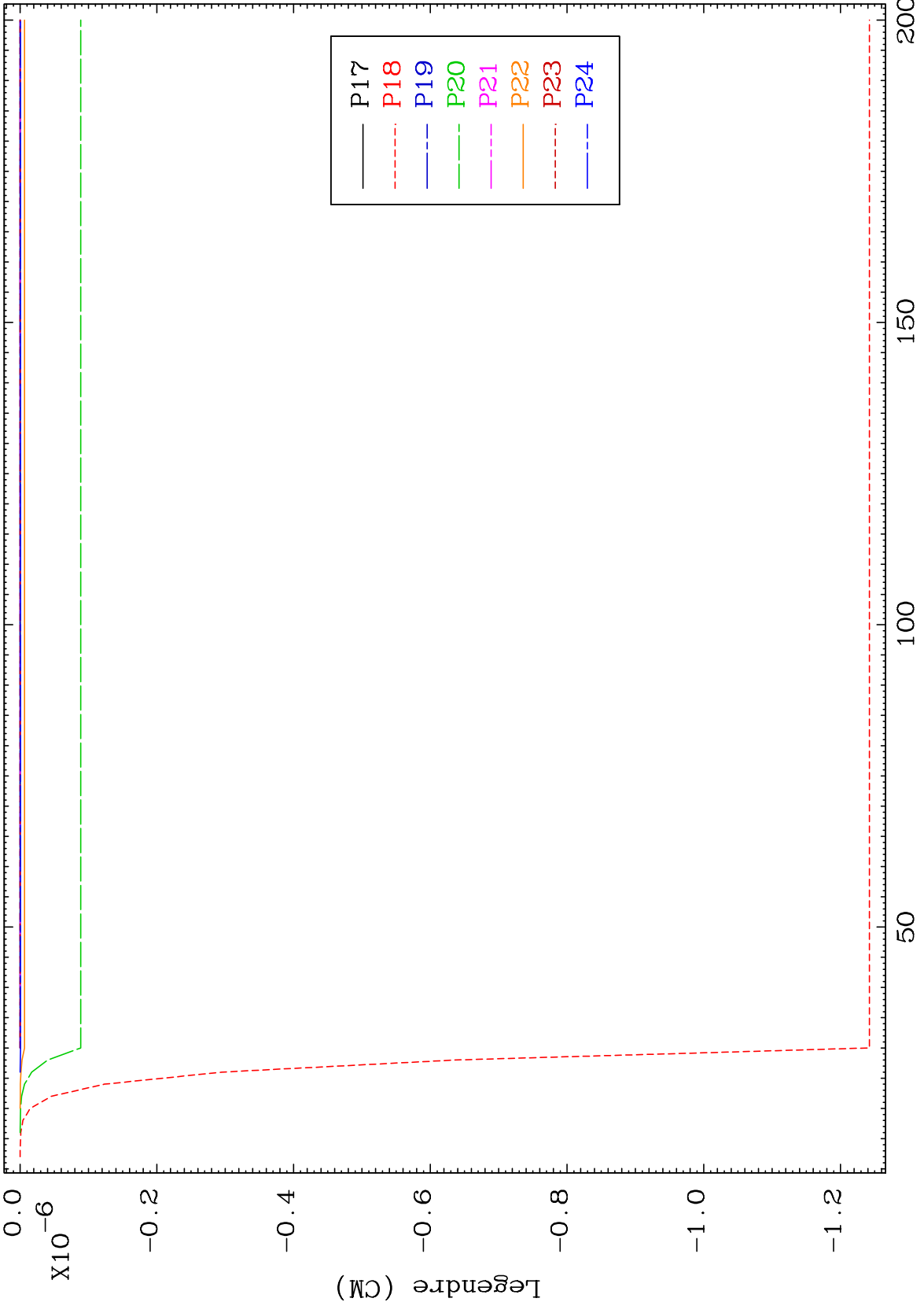


69

Incident Energy (MeV)

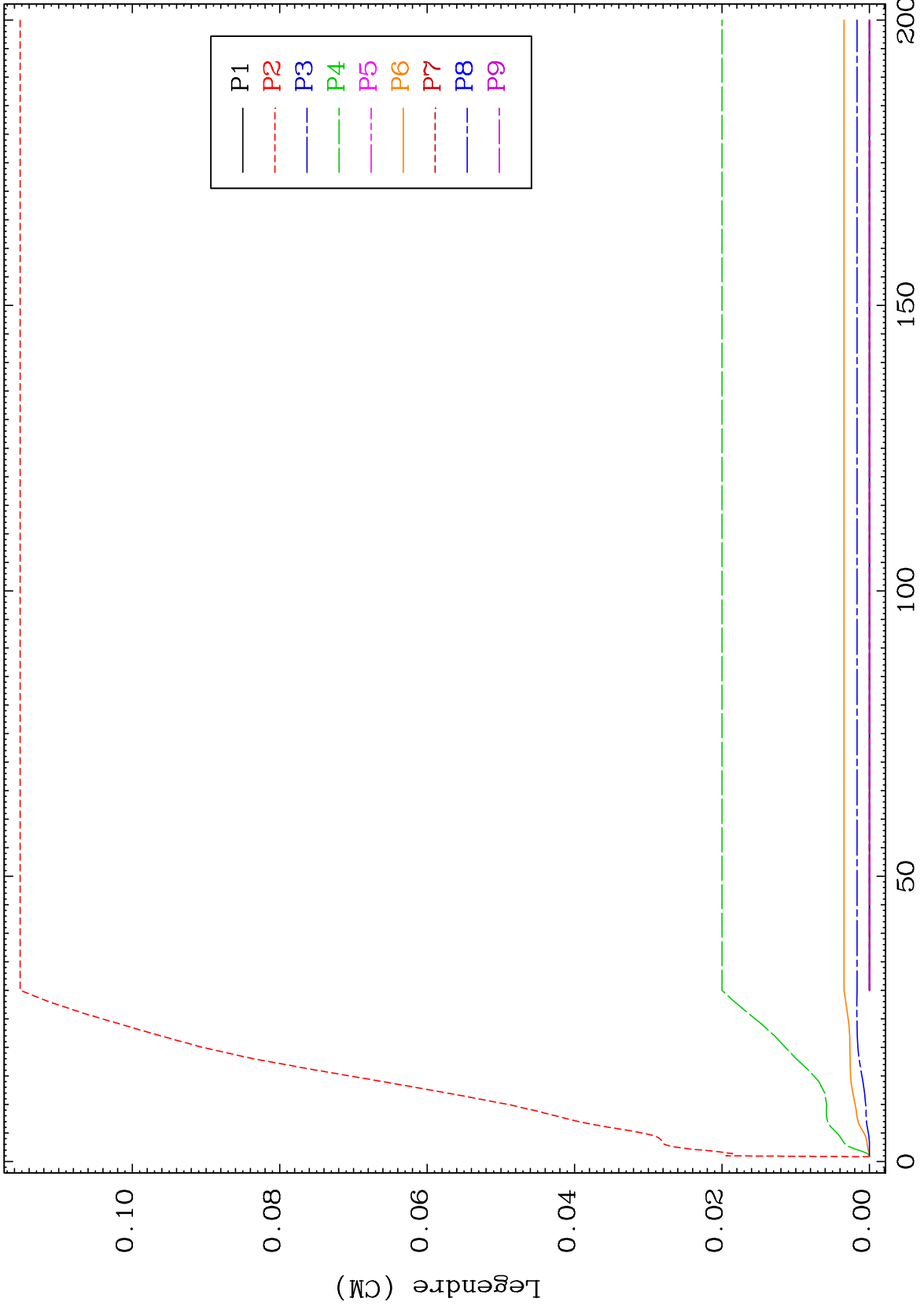
44-Ru-101

MAT 4440 MT= 66 (n,n') Level Legendre Coefficients 44-Ru-101



70 Incident Energy (MeV) 150 200 44-Ru-101

MAT 4440 MT= 67 (n,n') Level Legendre Coefficients 44-Ru-101

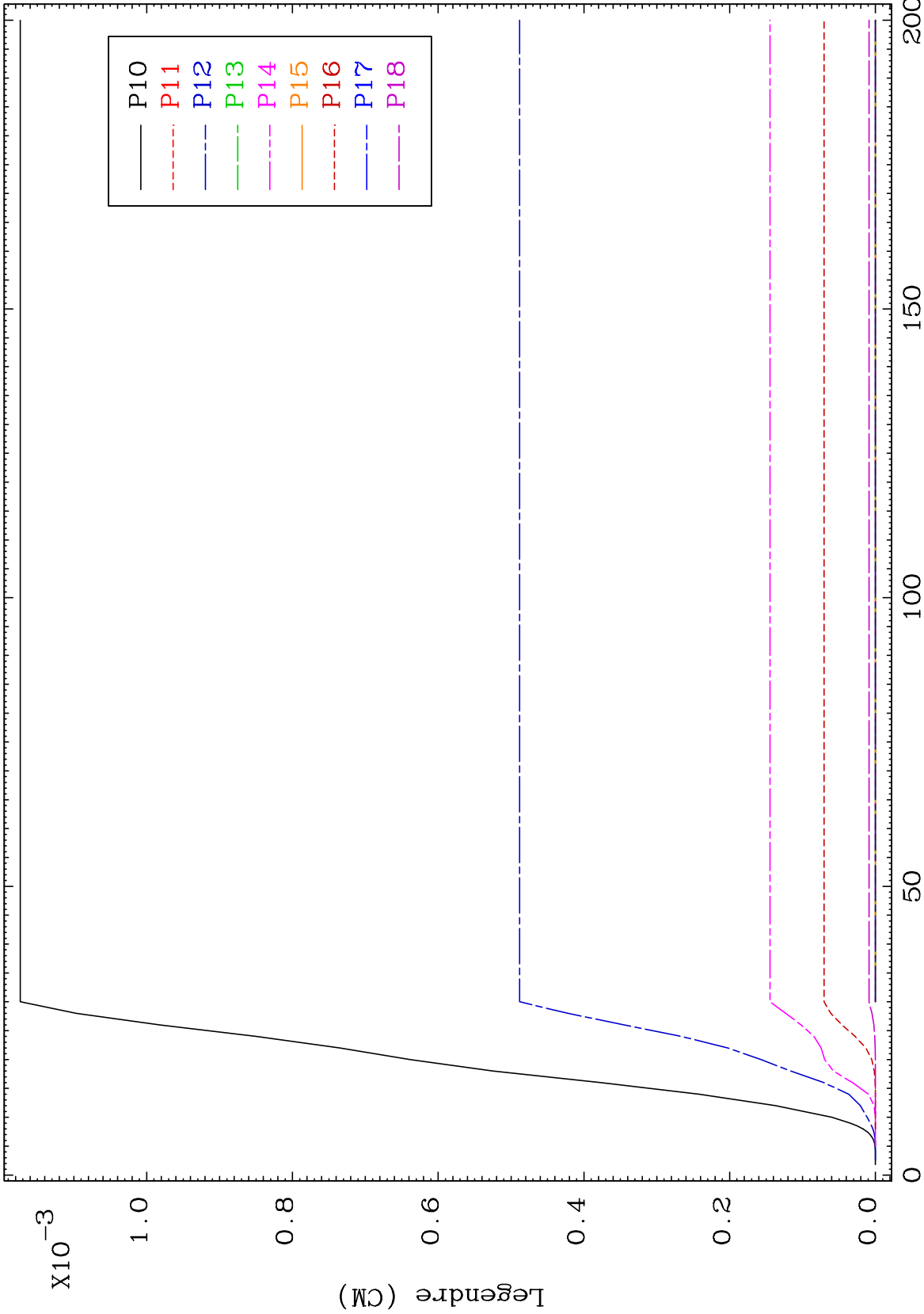


71 44-Ru-101

MAT 4440

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

44-Ru-101

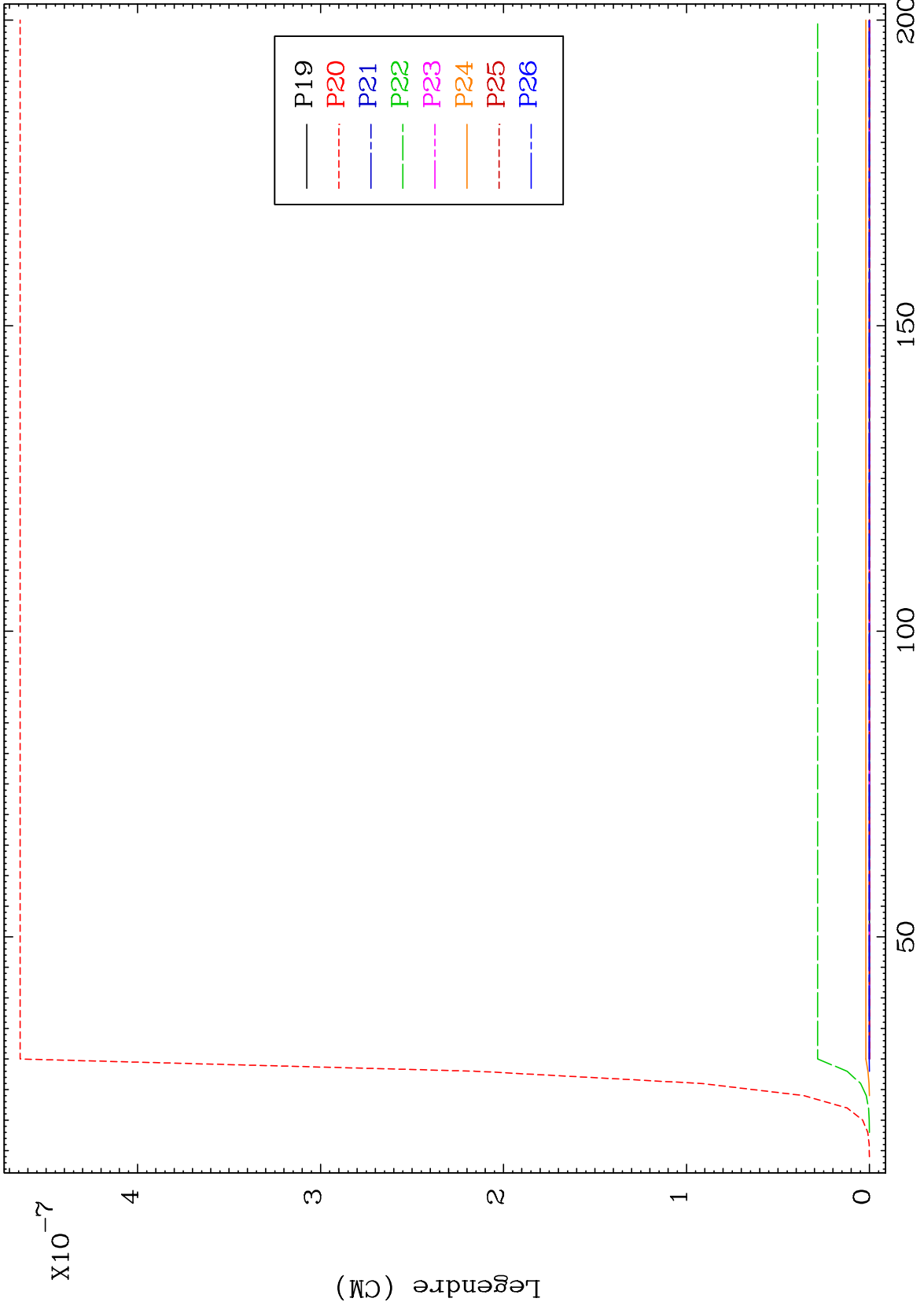


72

Incident Energy (MeV)

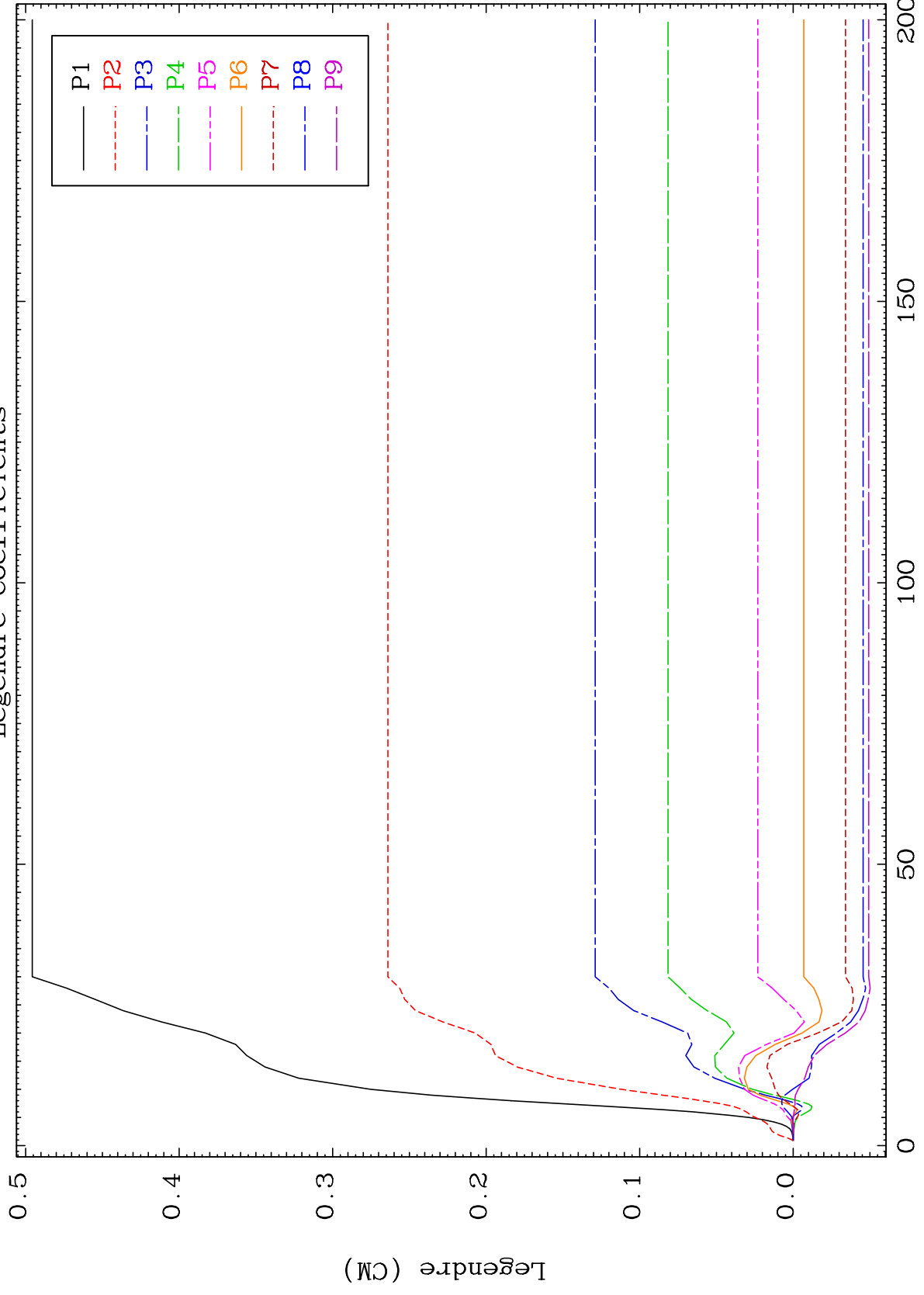
44-Ru-101

MAT 4440 MT= 67 (n,n') Level Legendre Coefficients 44-Ru-101



73 44-Ru-101

MAT 4440 MT= 68 (n,n') Level Legendre Coefficients 44-Ru-101

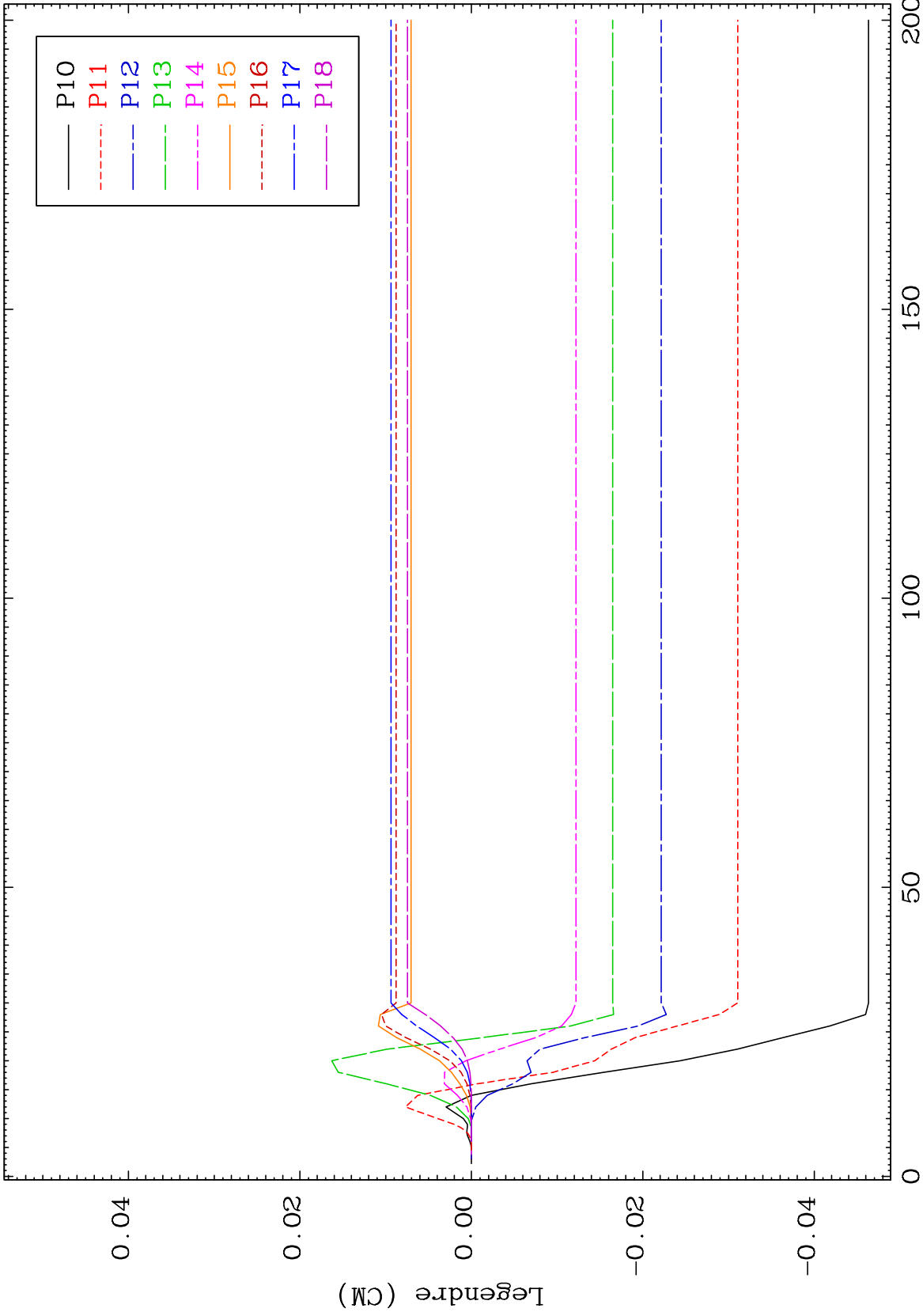


74 44-Ru-101

MAT 4440

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

44-Ru-101



75

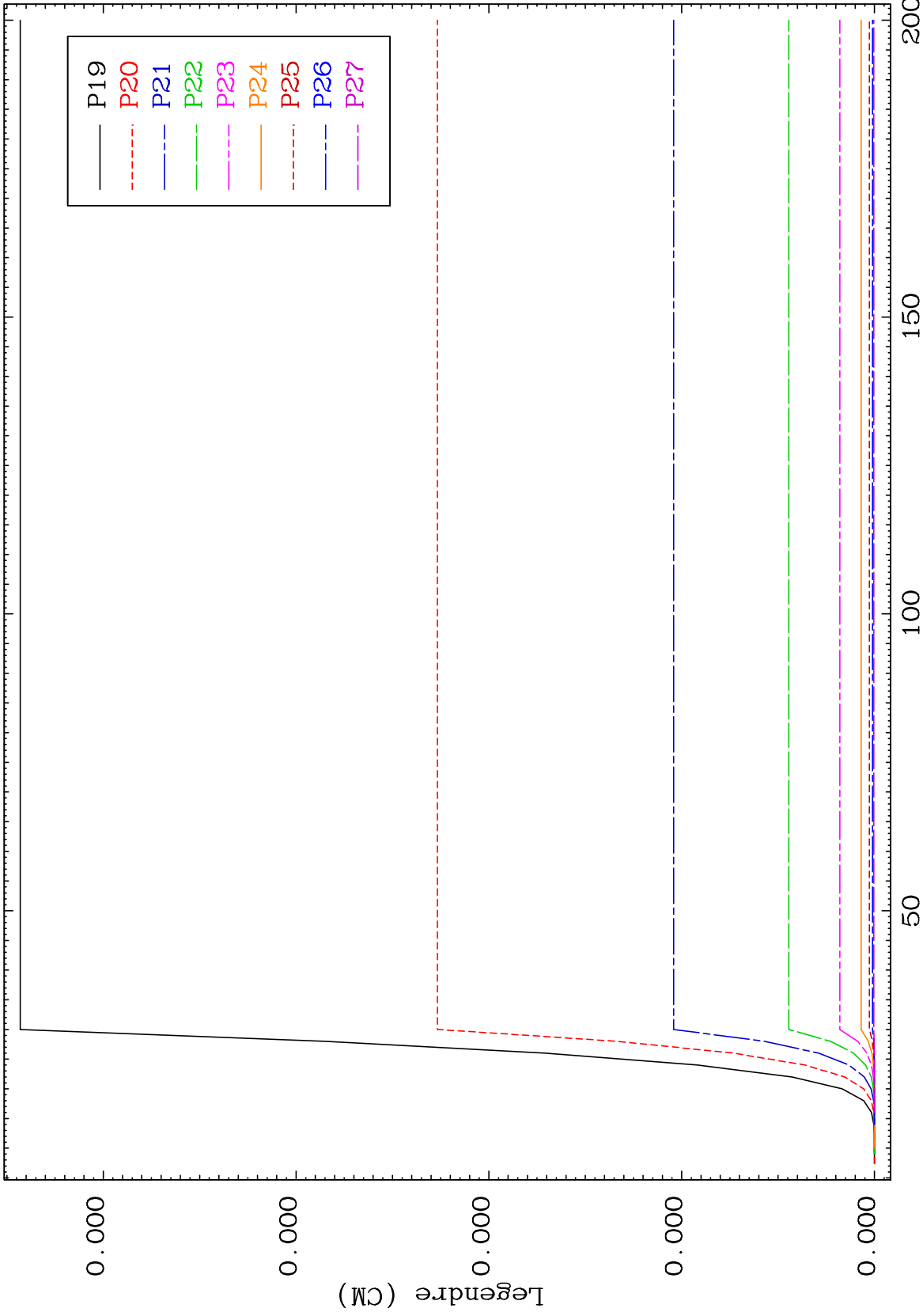
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



76

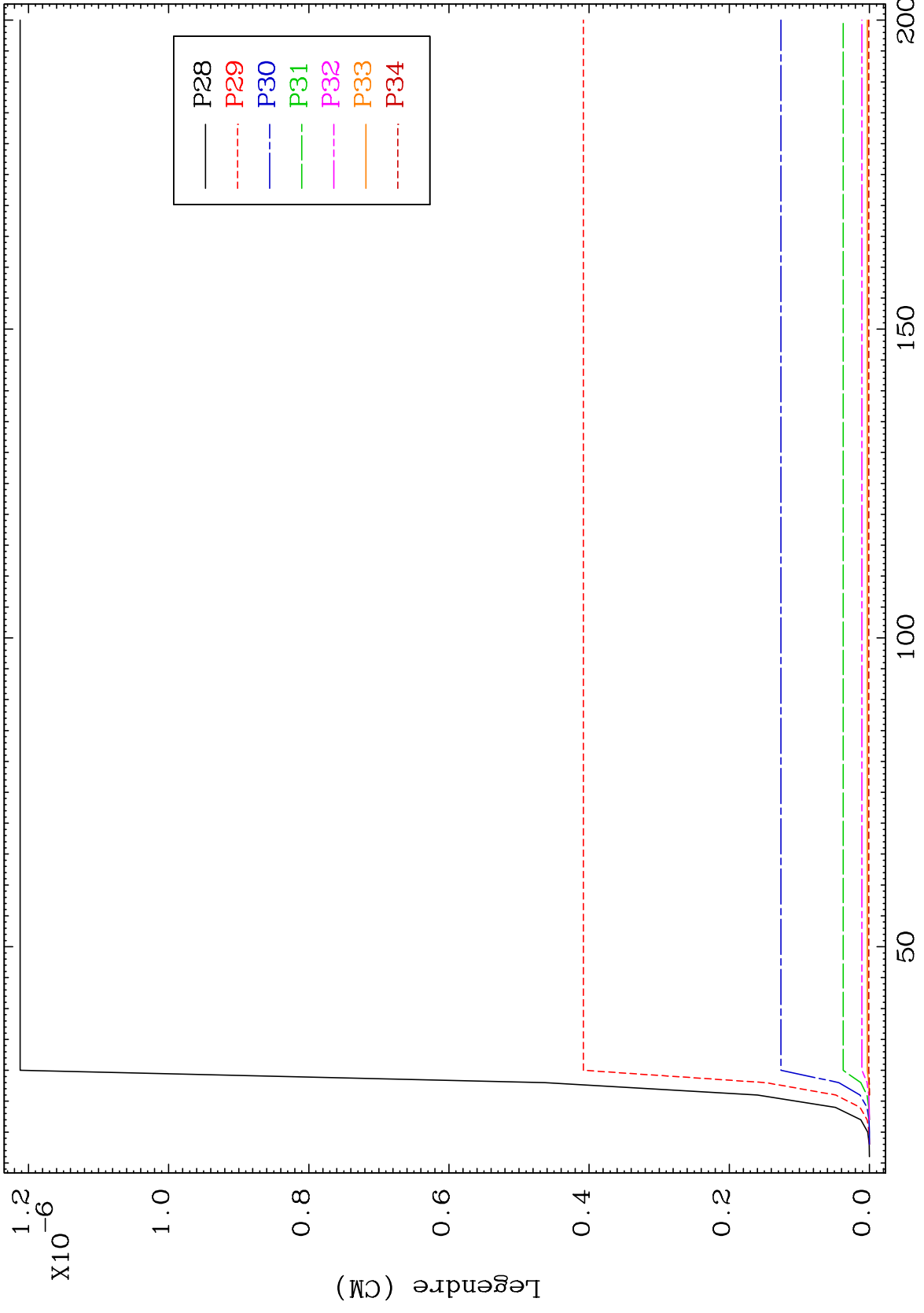
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101

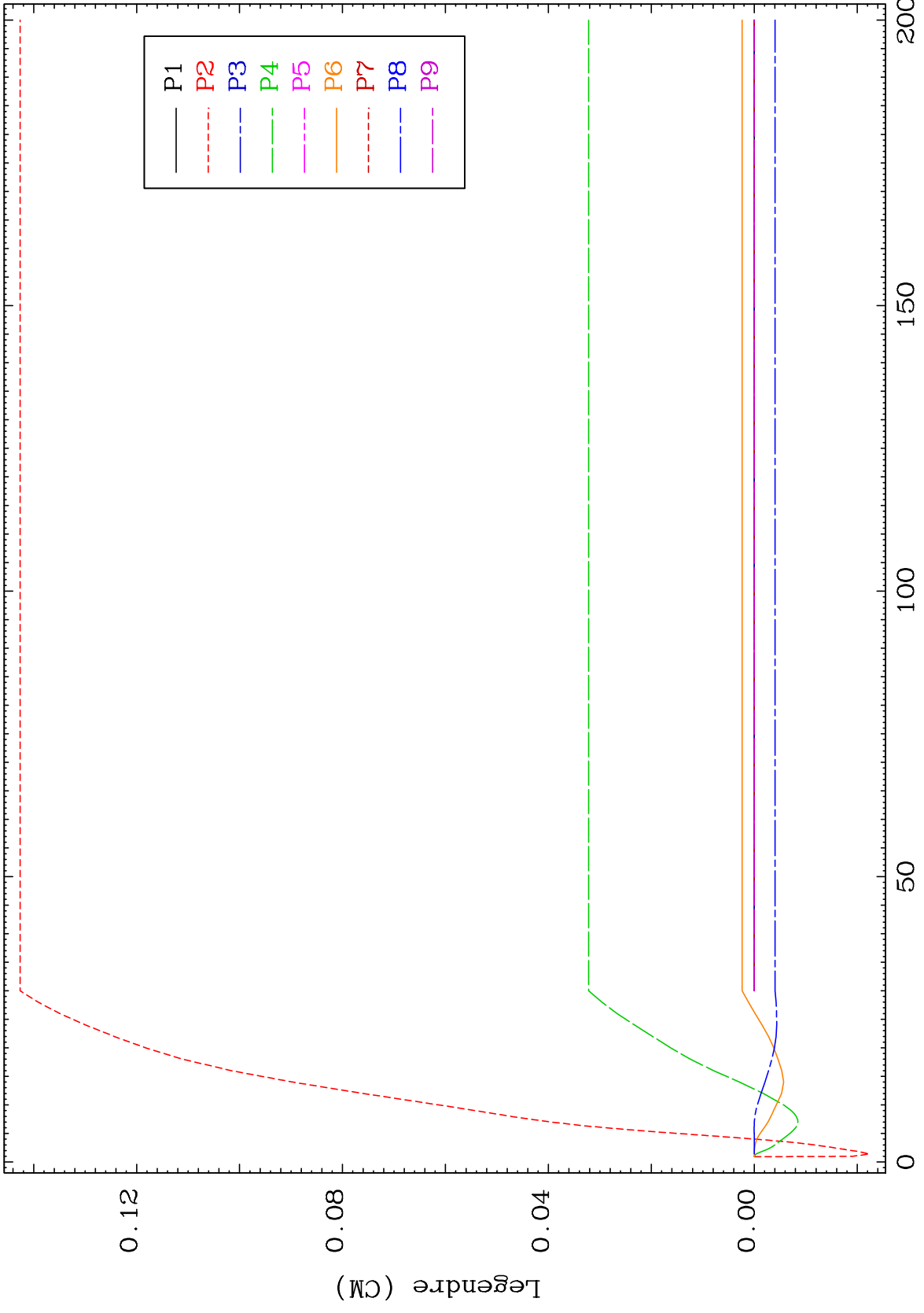


77

Incident Energy (MeV)

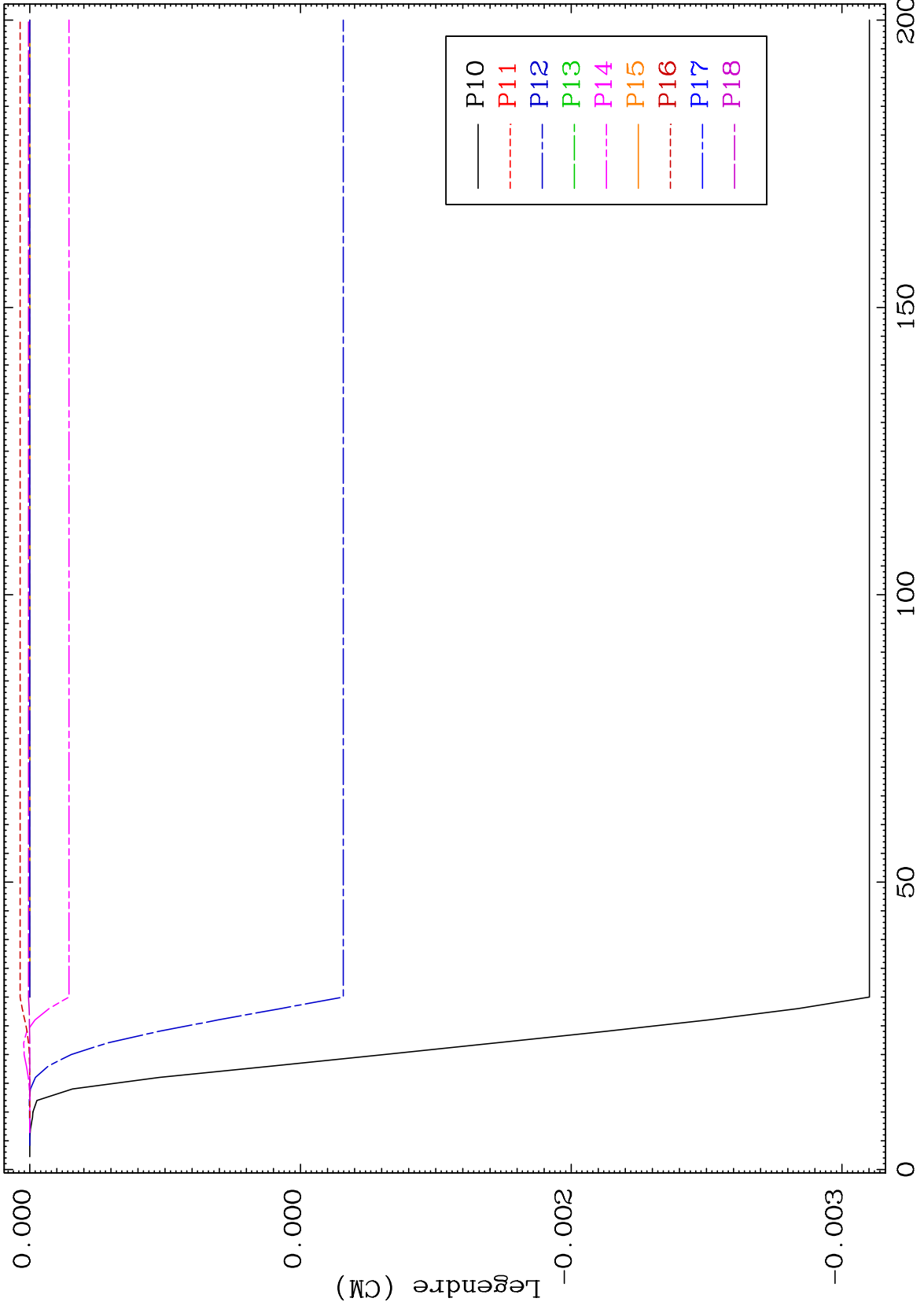
44-Ru-101

MAT 4440 MT= 69 (n,n') Level Legendre Coefficients 44-Ru-101



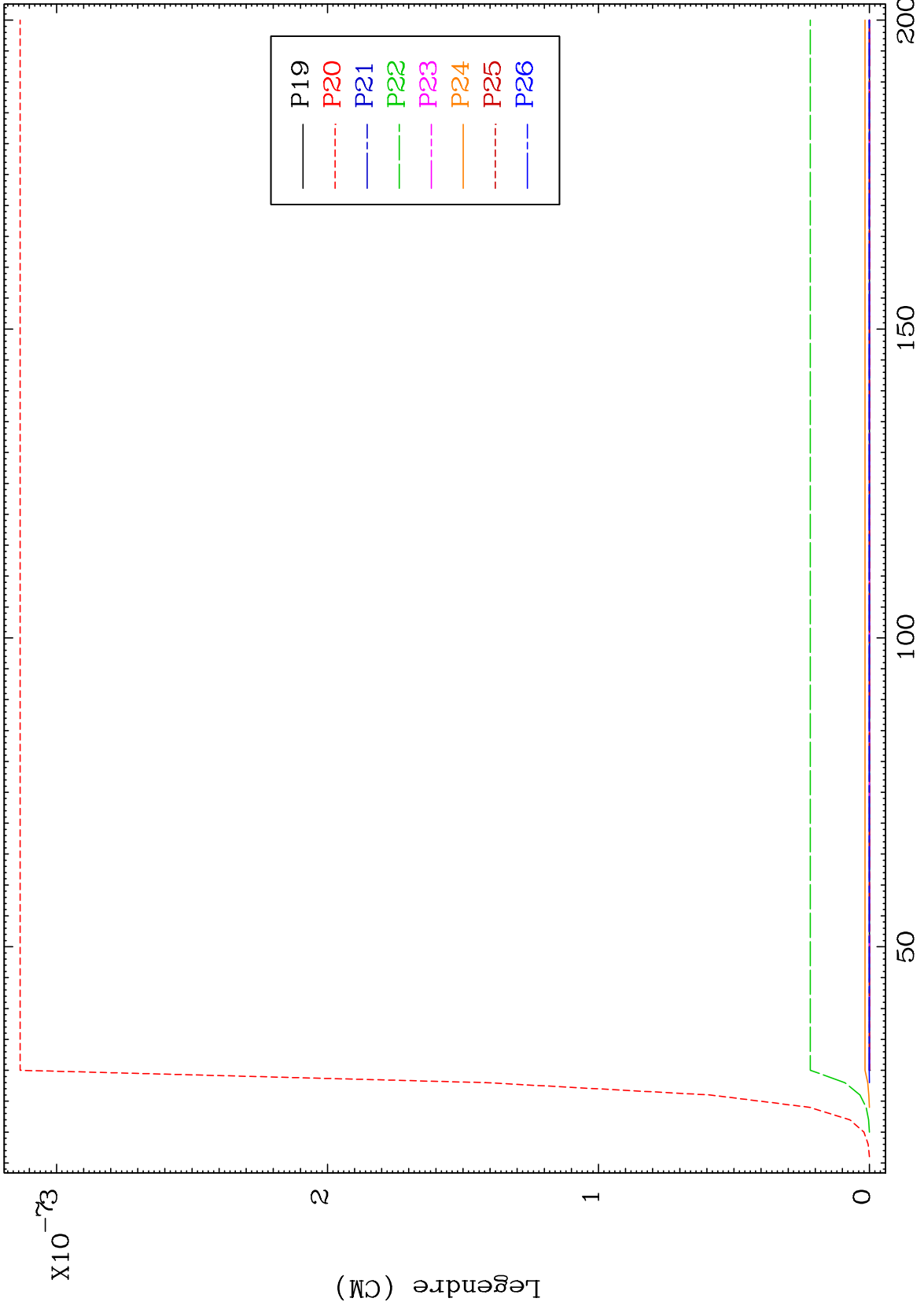
78 44-Ru-101

MAT 4440 MT= 69 (n,n') Level Legendre Coefficients 44-Ru-101

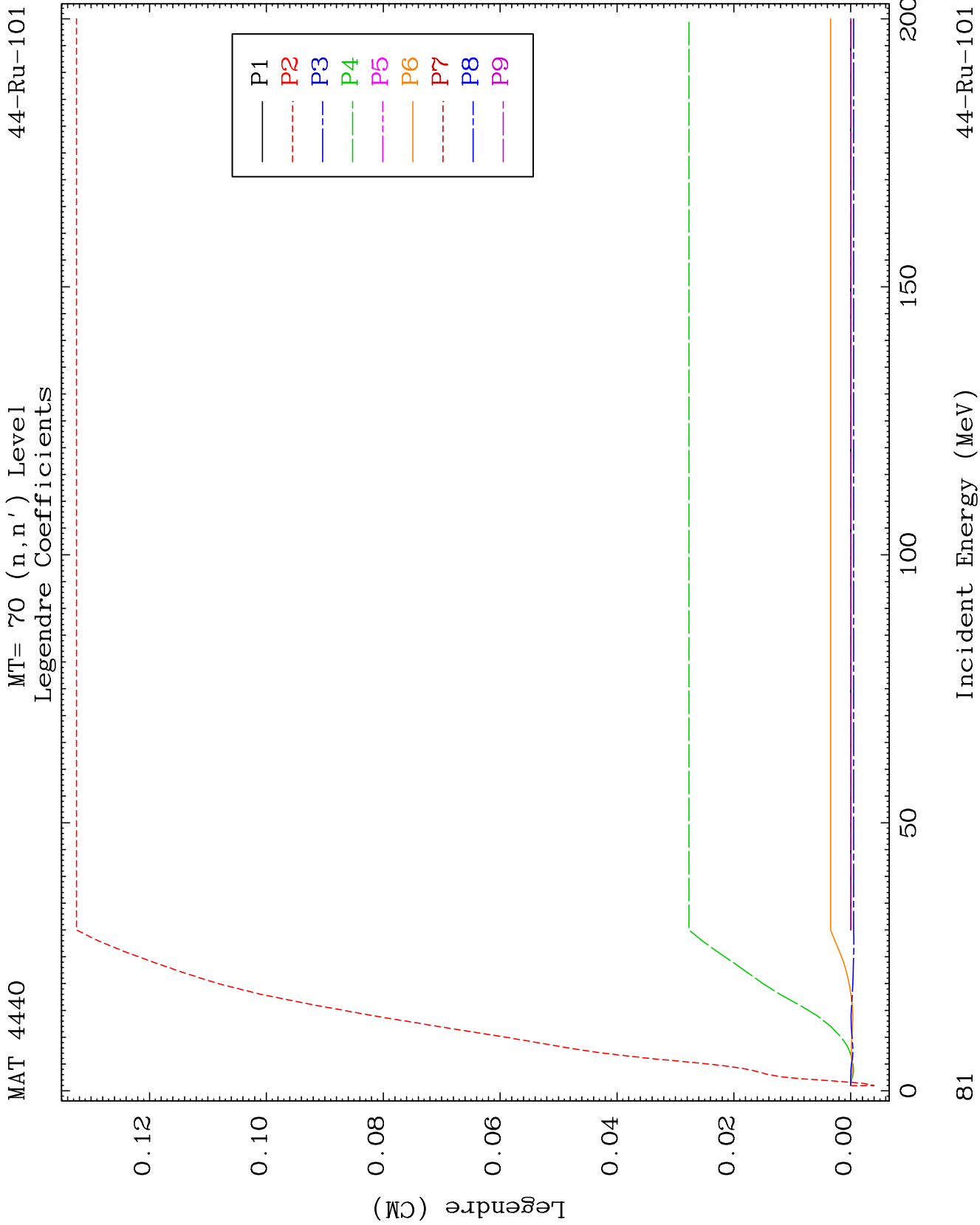


79 Incident Energy (MeV) 44-Ru-101

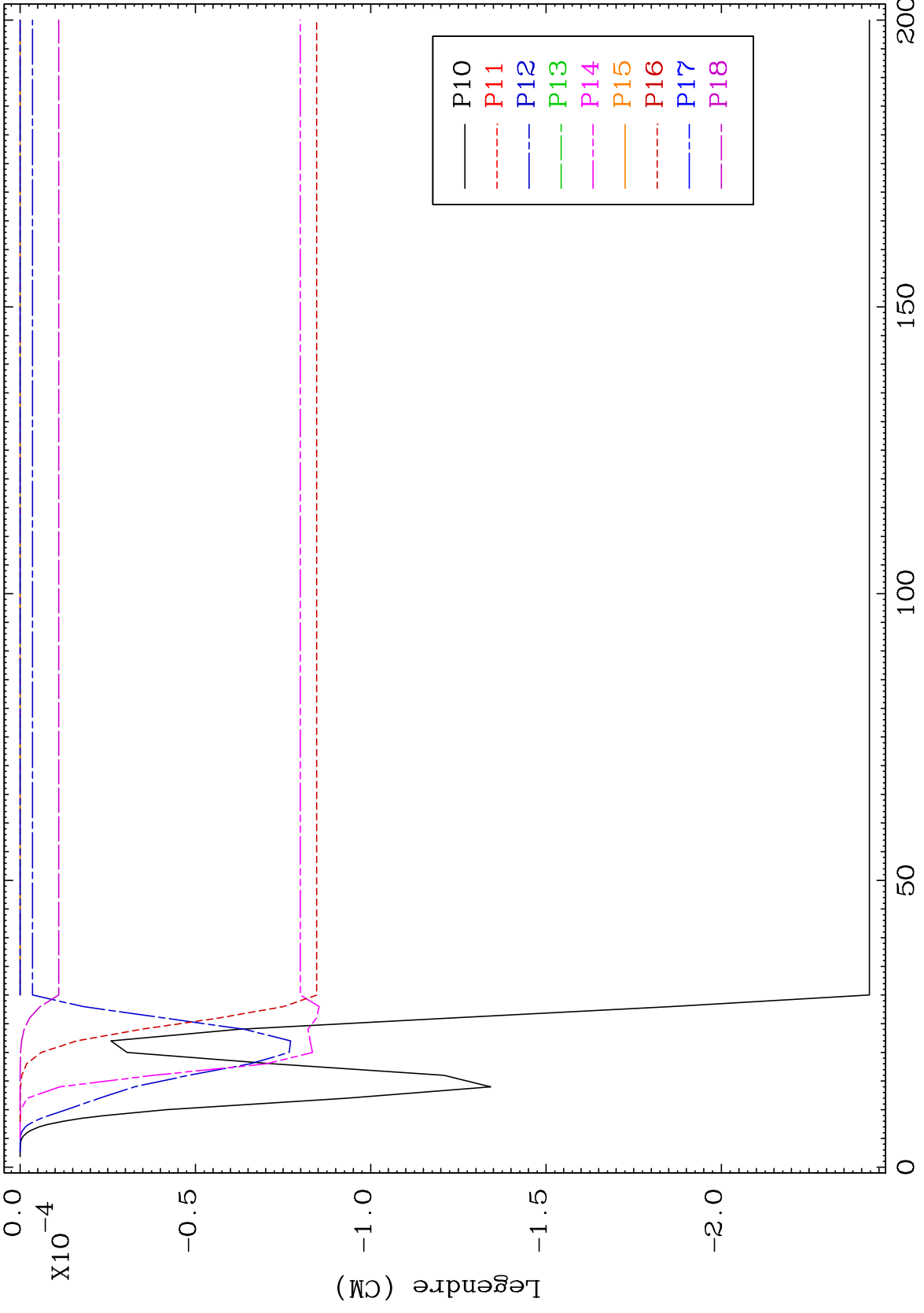
MAT 4440 MT= 69 (n,n') Level Legendre Coefficients 44-Ru-101



80 50 100 150 200 Incident Energy (MeV) 44-Ru-101

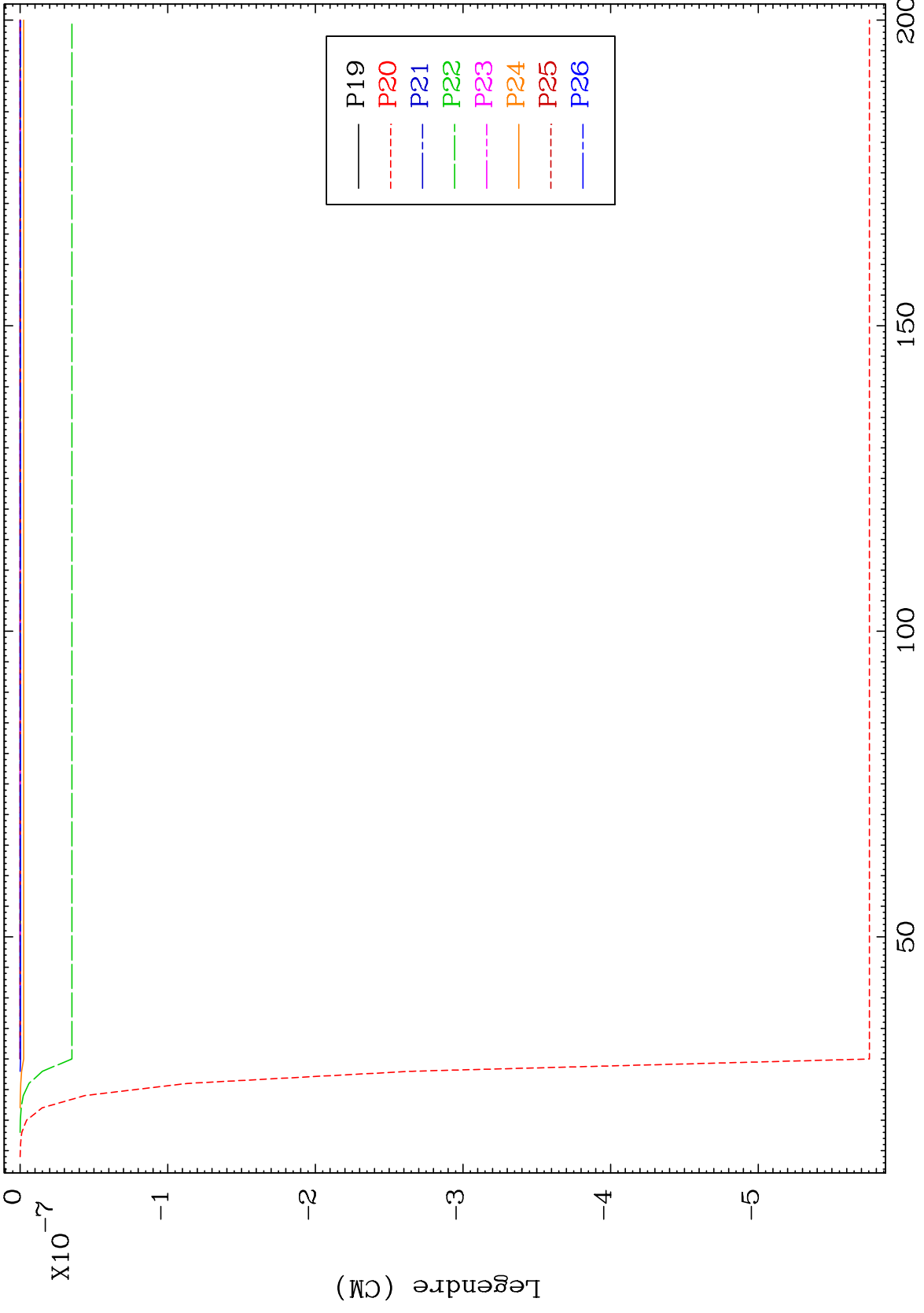


MAT 4440 MT= 70 (n,n') Level Legendre Coefficients 44-Ru-101



82 44-Ru-101

MAT 4440 MT= 70 (n,n') Level Legendre Coefficients 44-Ru-101

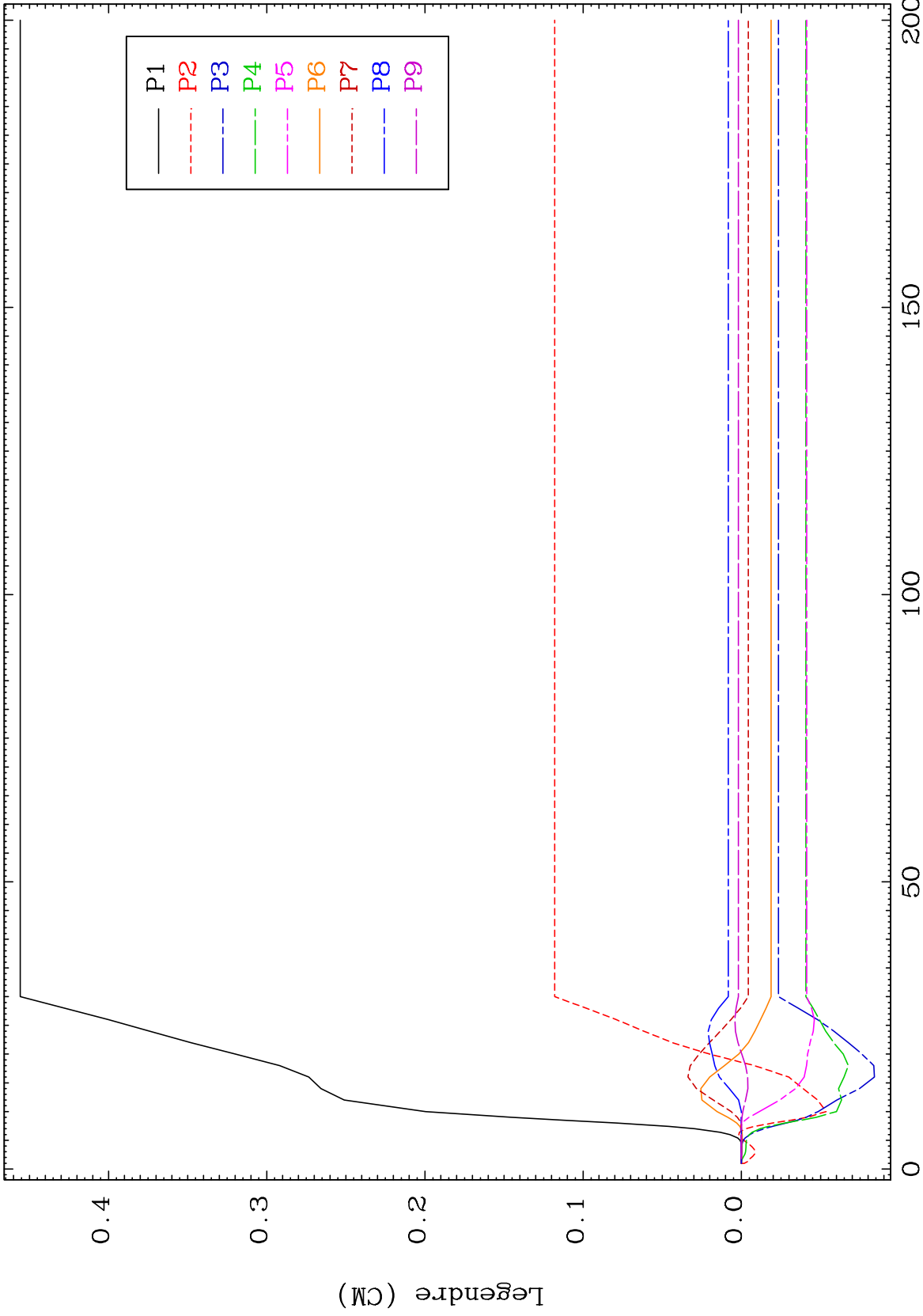


83 44-Ru-101

MAT 4440

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

44-Ru-101

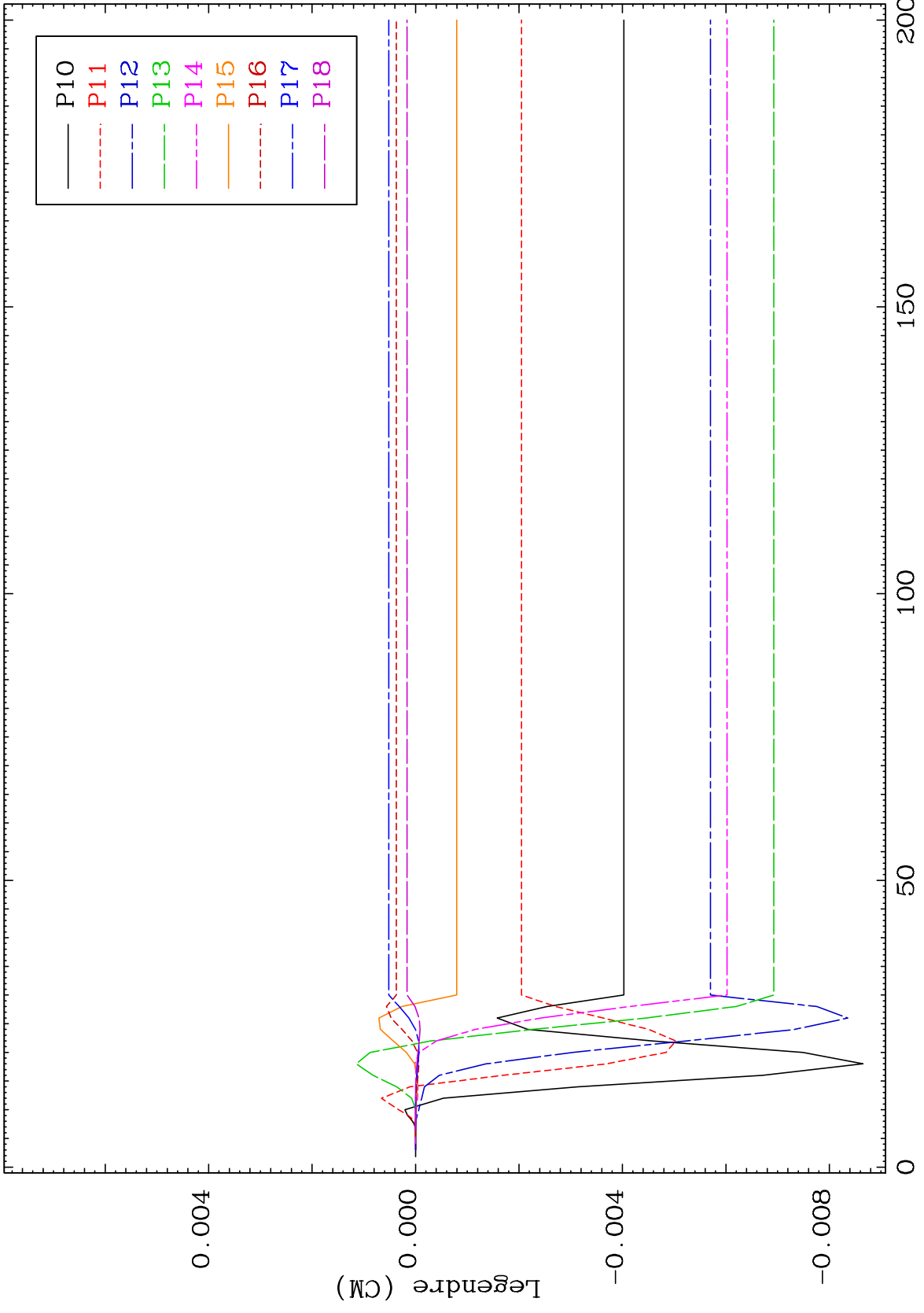


84

Incident Energy (MeV)

44-Ru-101

MAT 4440 MT= 71 (n,n') Level Legendre Coefficients 44-Ru-101

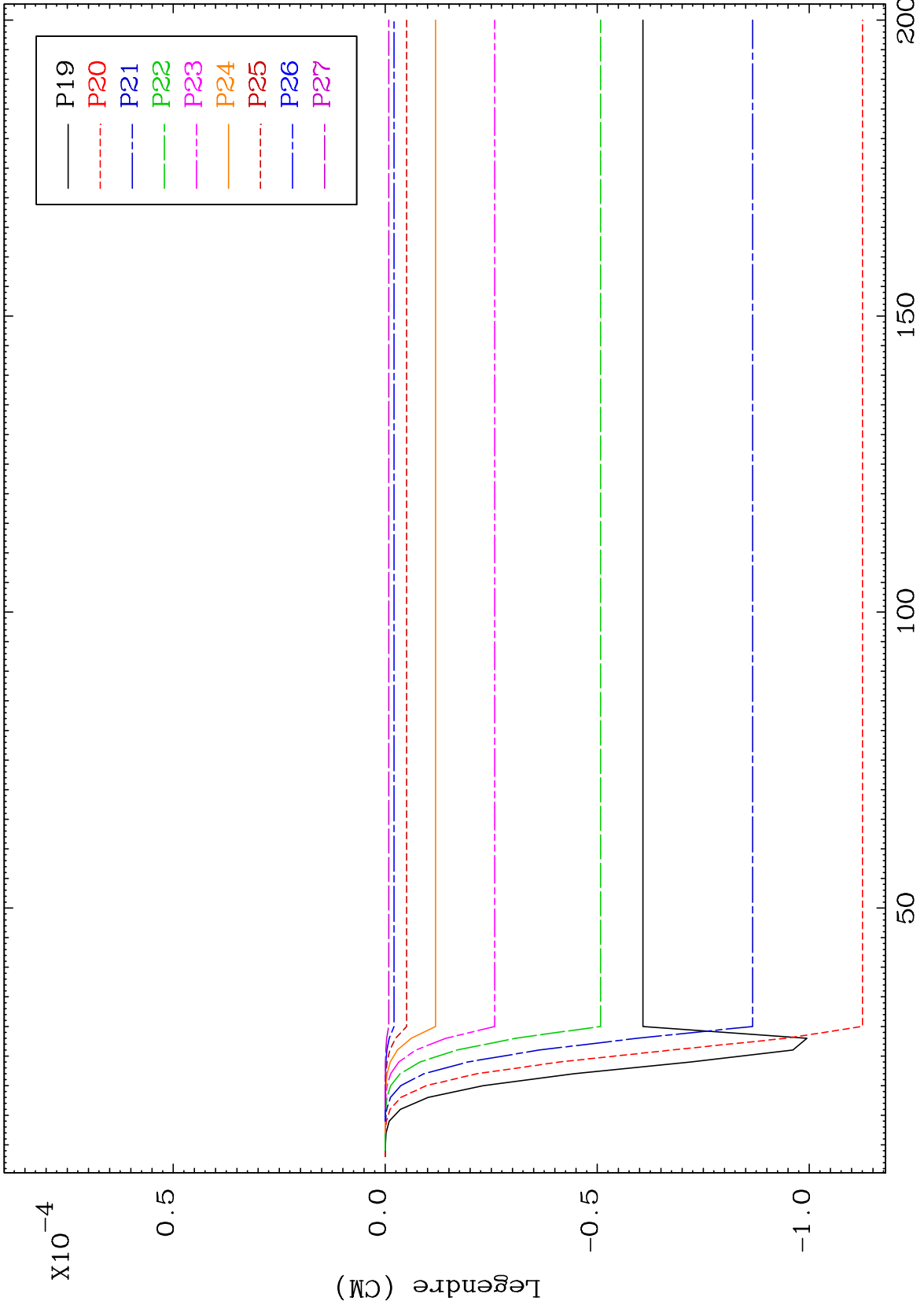


85 44-Ru-101

MAT 4440

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

44-Ru-101

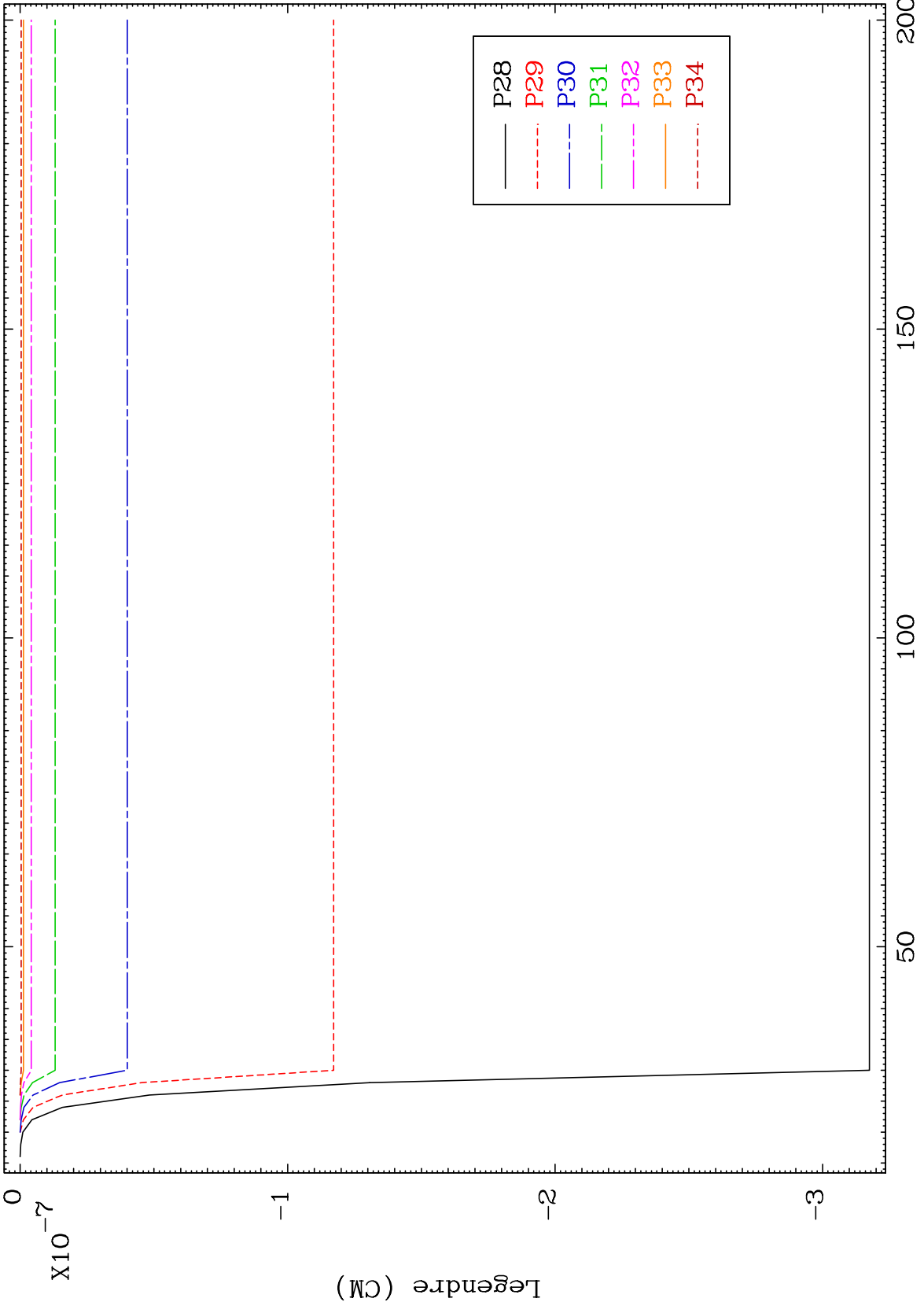


86

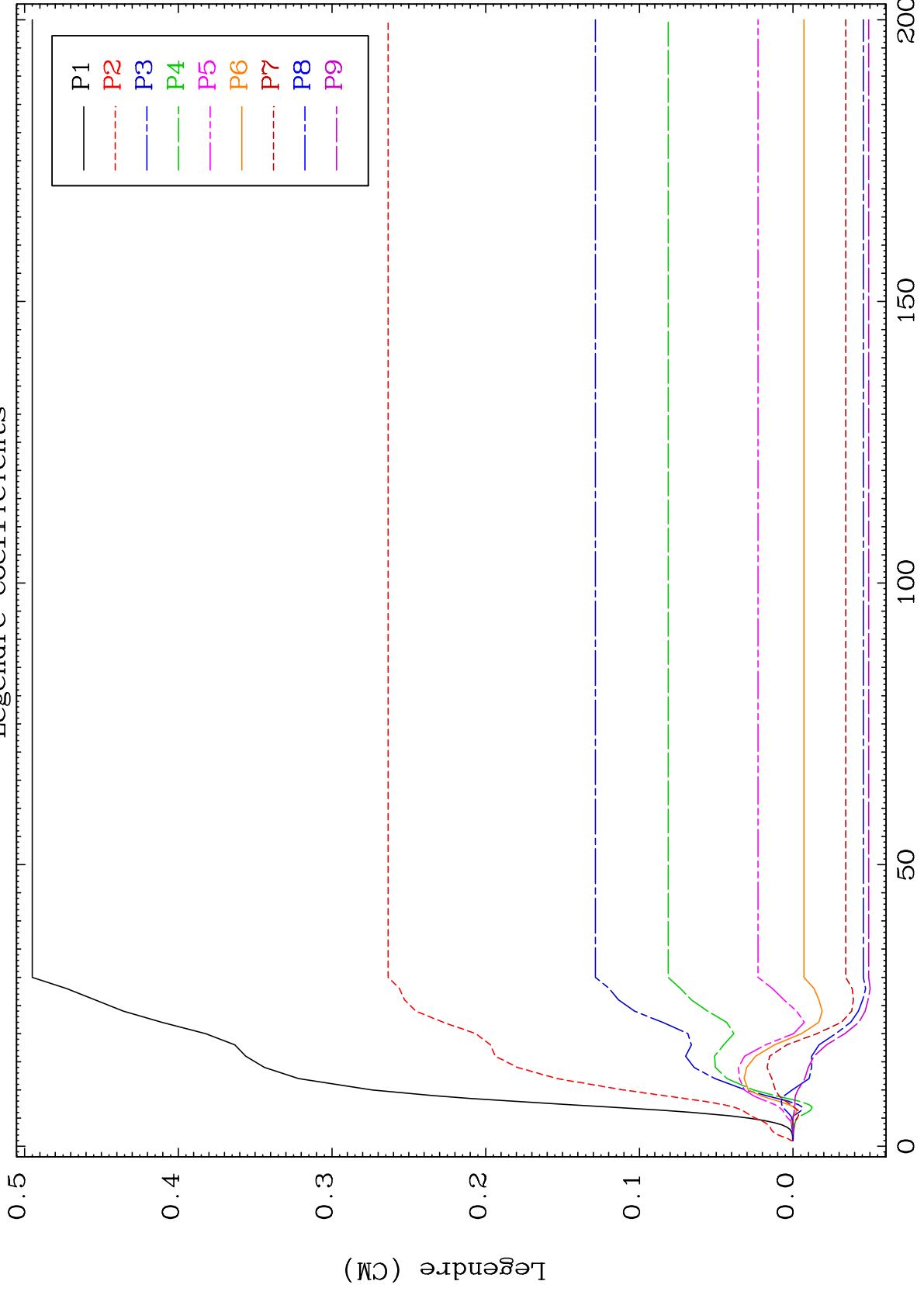
Incident Energy (MeV)

44-Ru-101

MAT 4440 MT= 71 (n,n') Level Legendre Coefficients 44-Ru-101



MAT 4440 MT= 72 (n,n') Level Legendre Coefficients 44-Ru-101

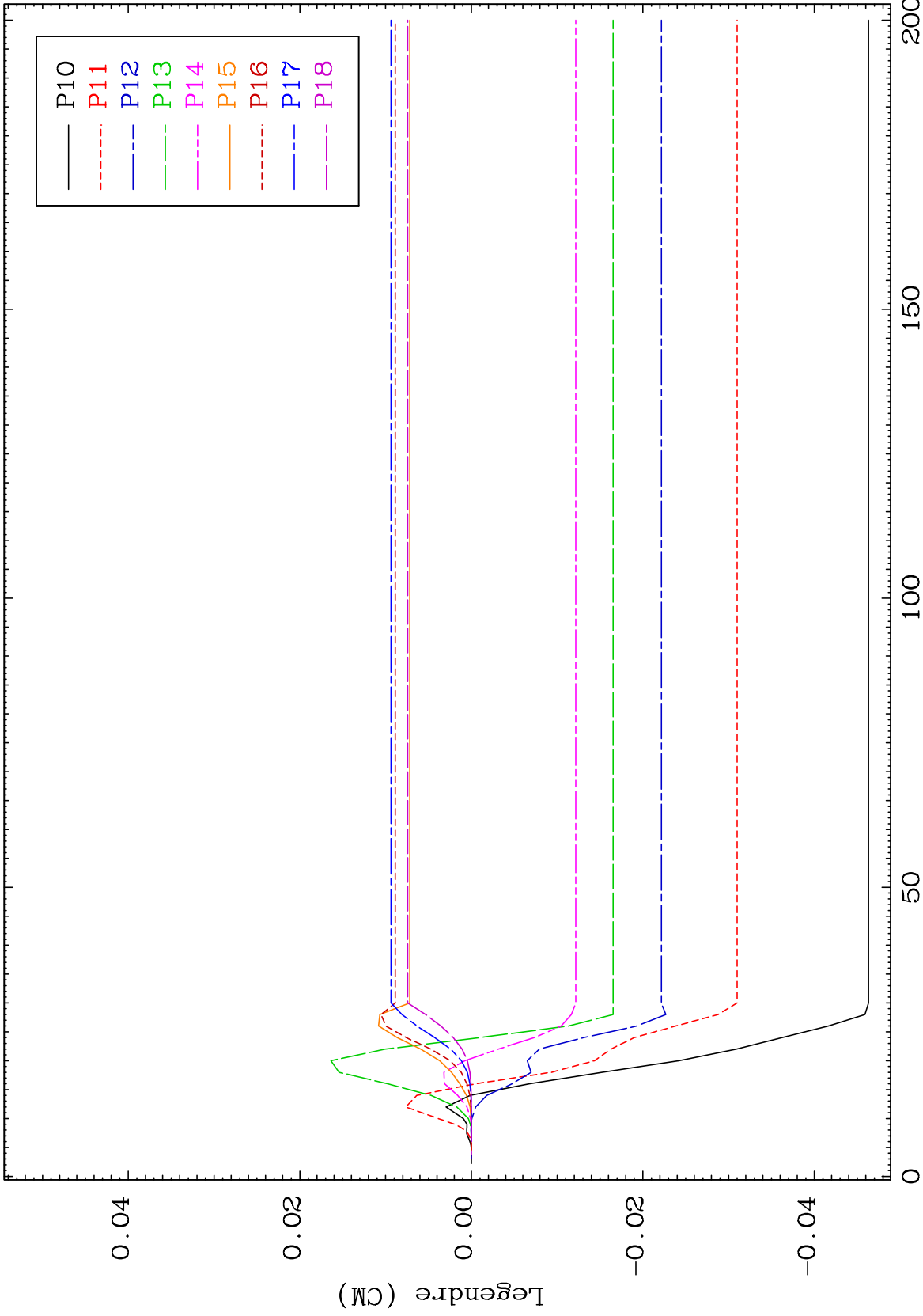


88 44-Ru-101

MAT 4440

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

44-Ru-101



89

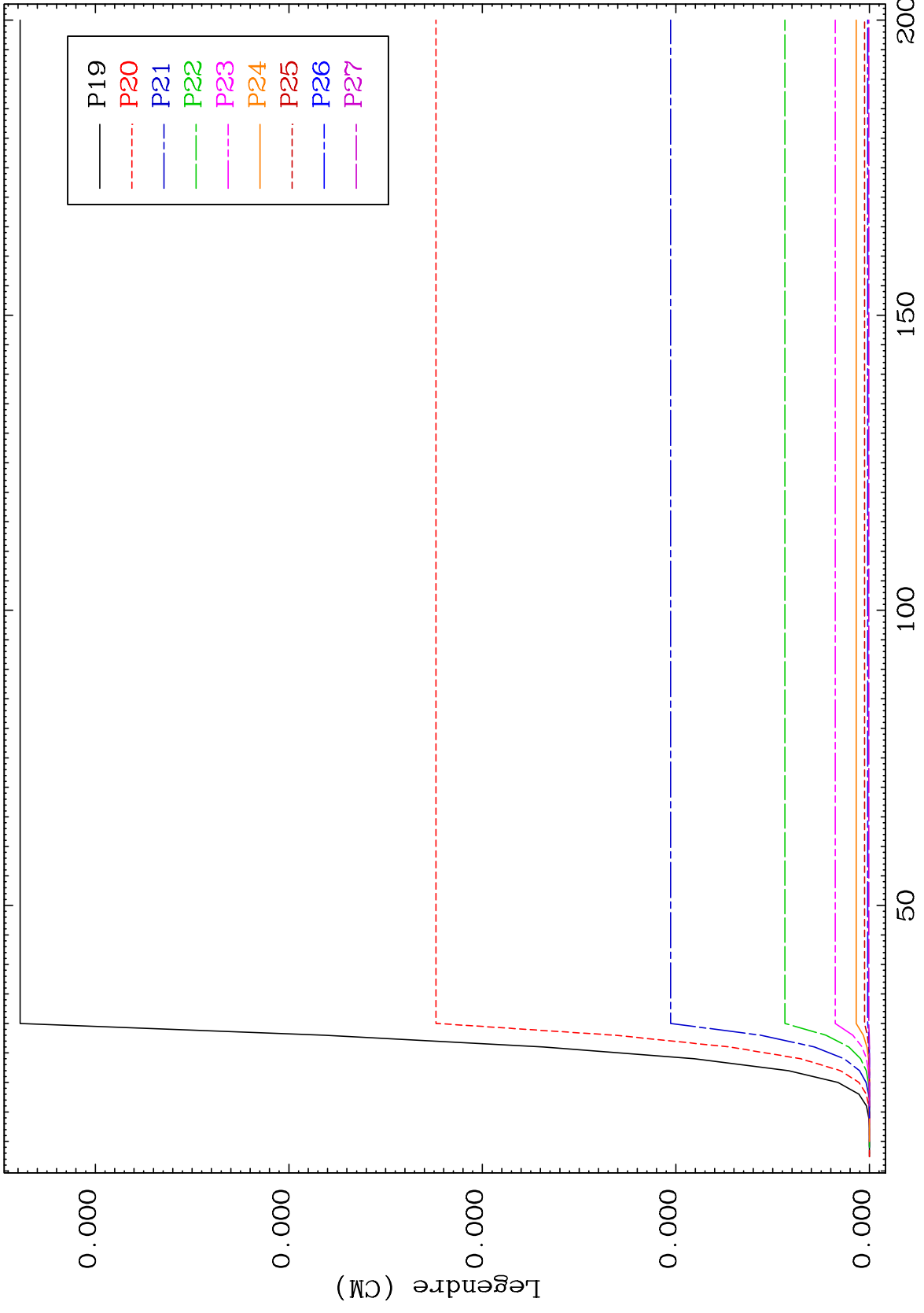
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

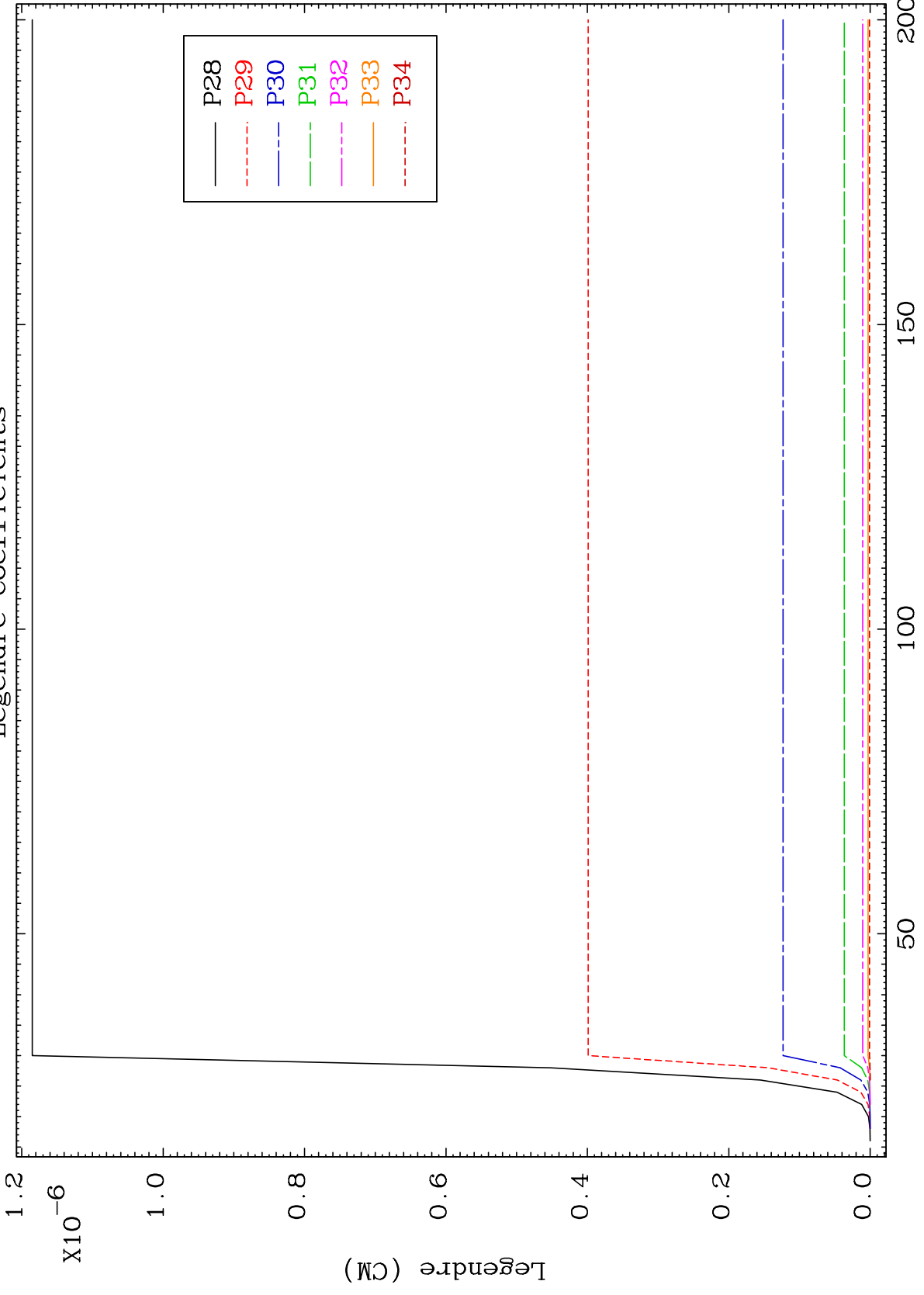
44-Ru-101



90

Incident Energy (MeV)

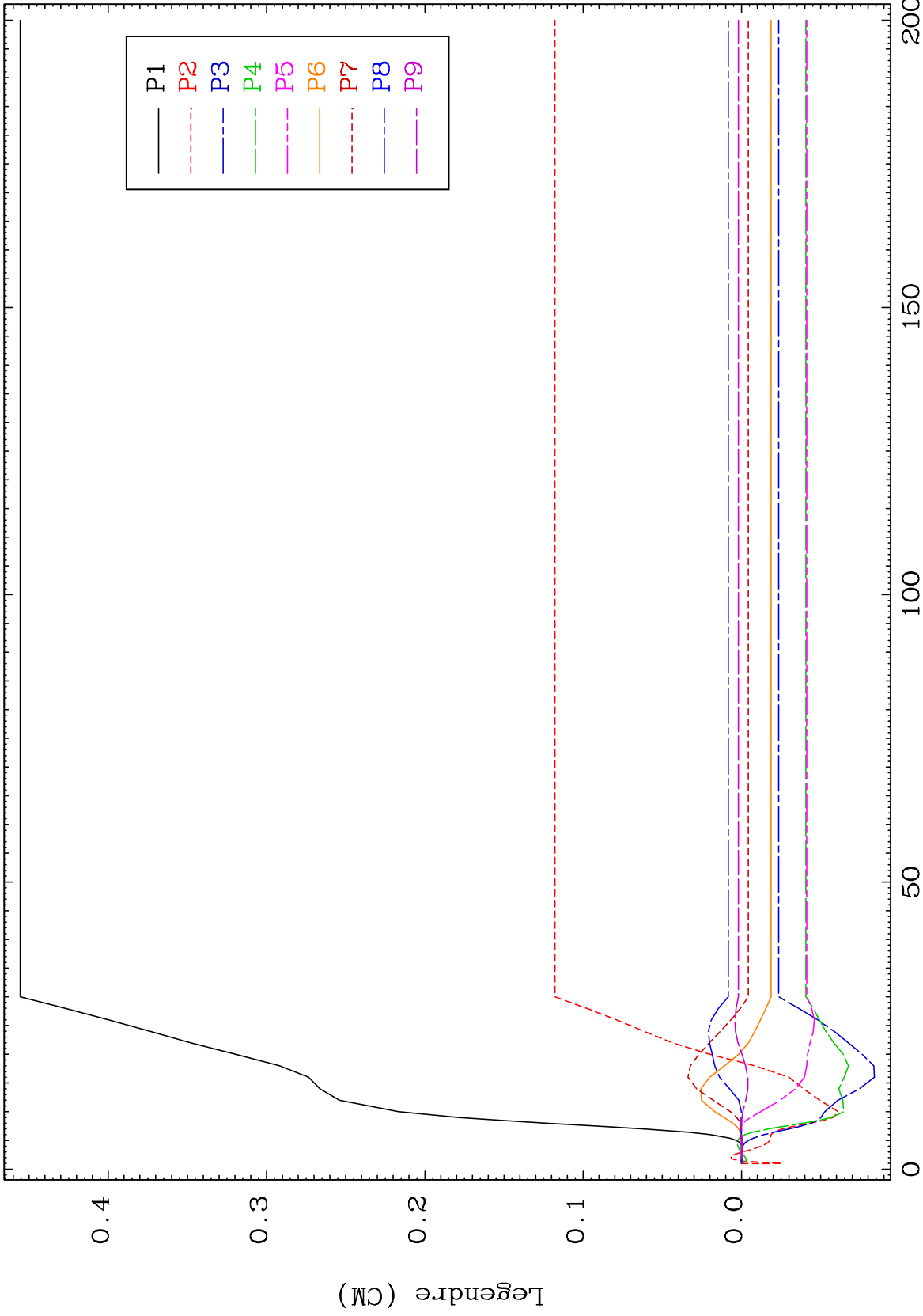
44-Ru-101



MAT 4440

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

44-Ru-101

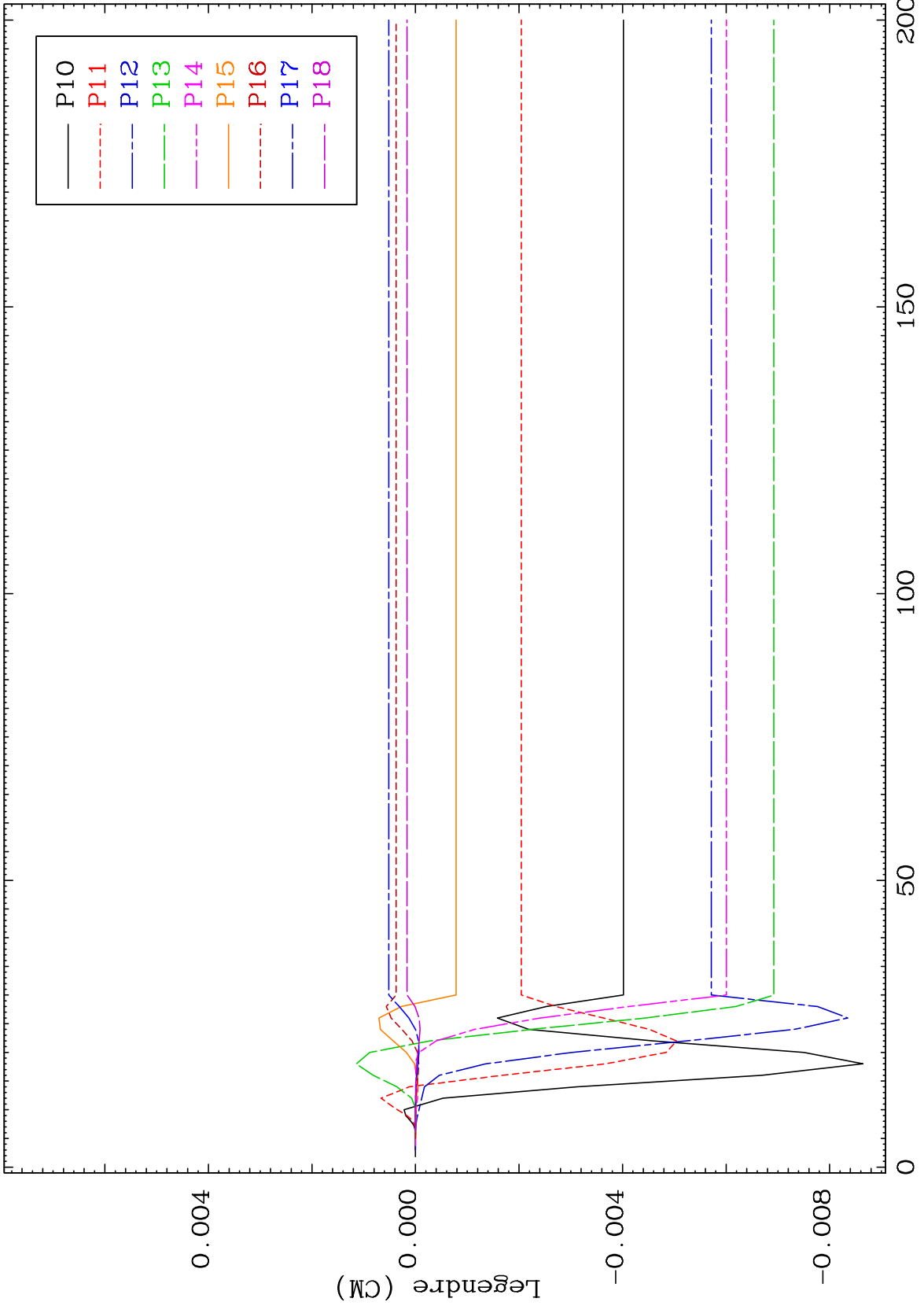


92

Incident Energy (MeV)

44-Ru-101

MAT 4440 MT= 73 (n,n') Level Legendre Coefficients 44-Ru-101

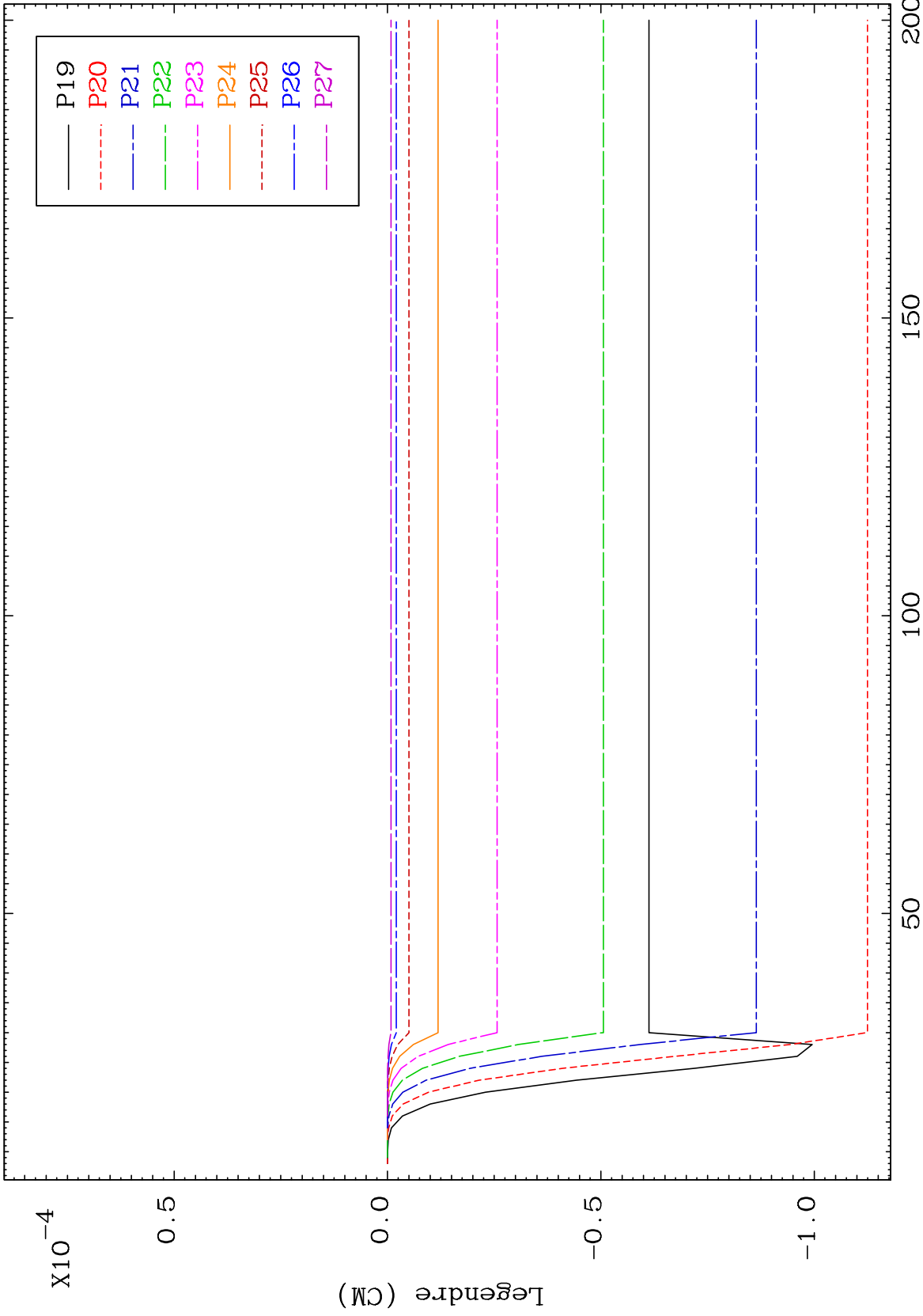


93 44-Ru-101

MAT 4440

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

44-Ru-101

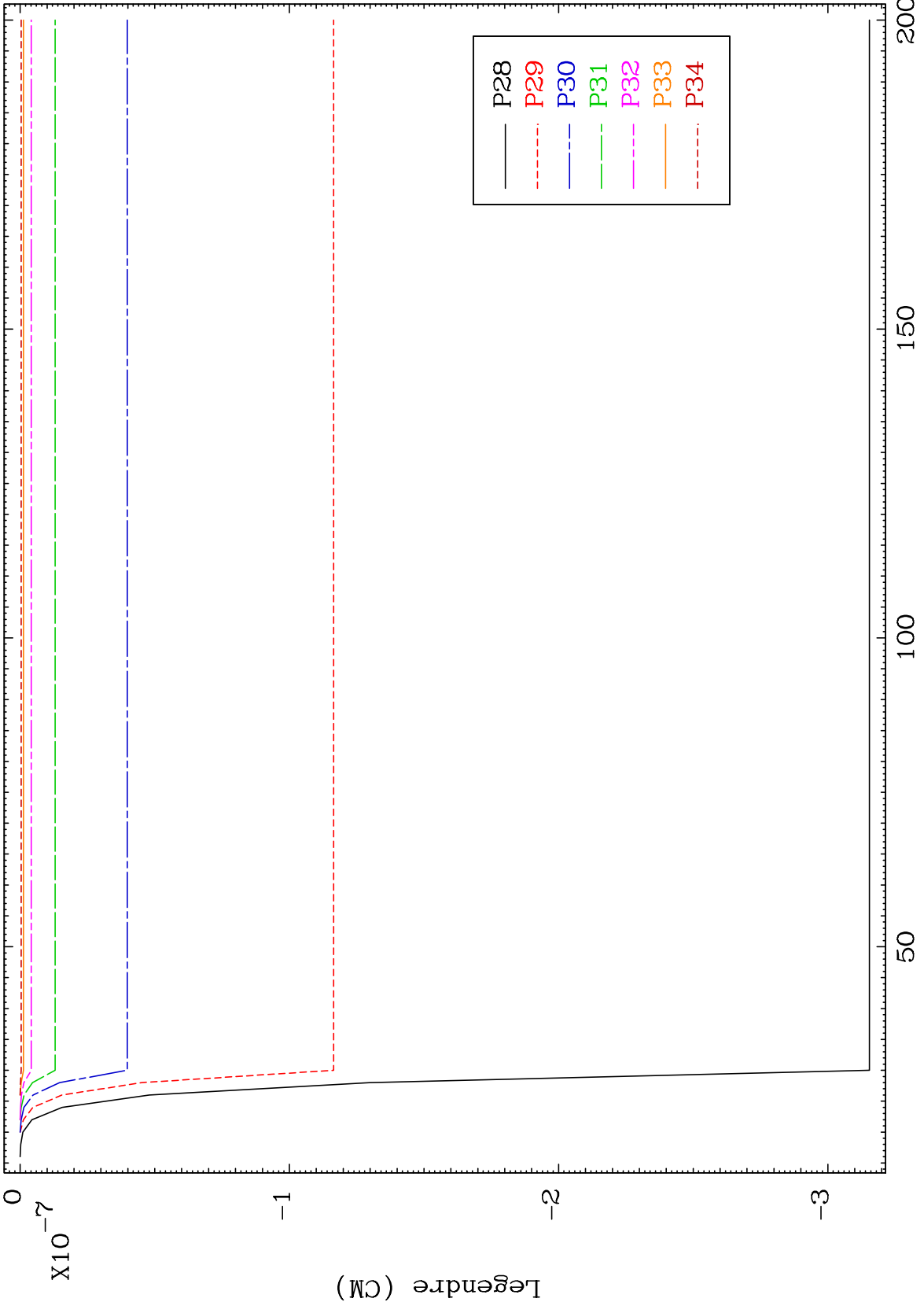


94

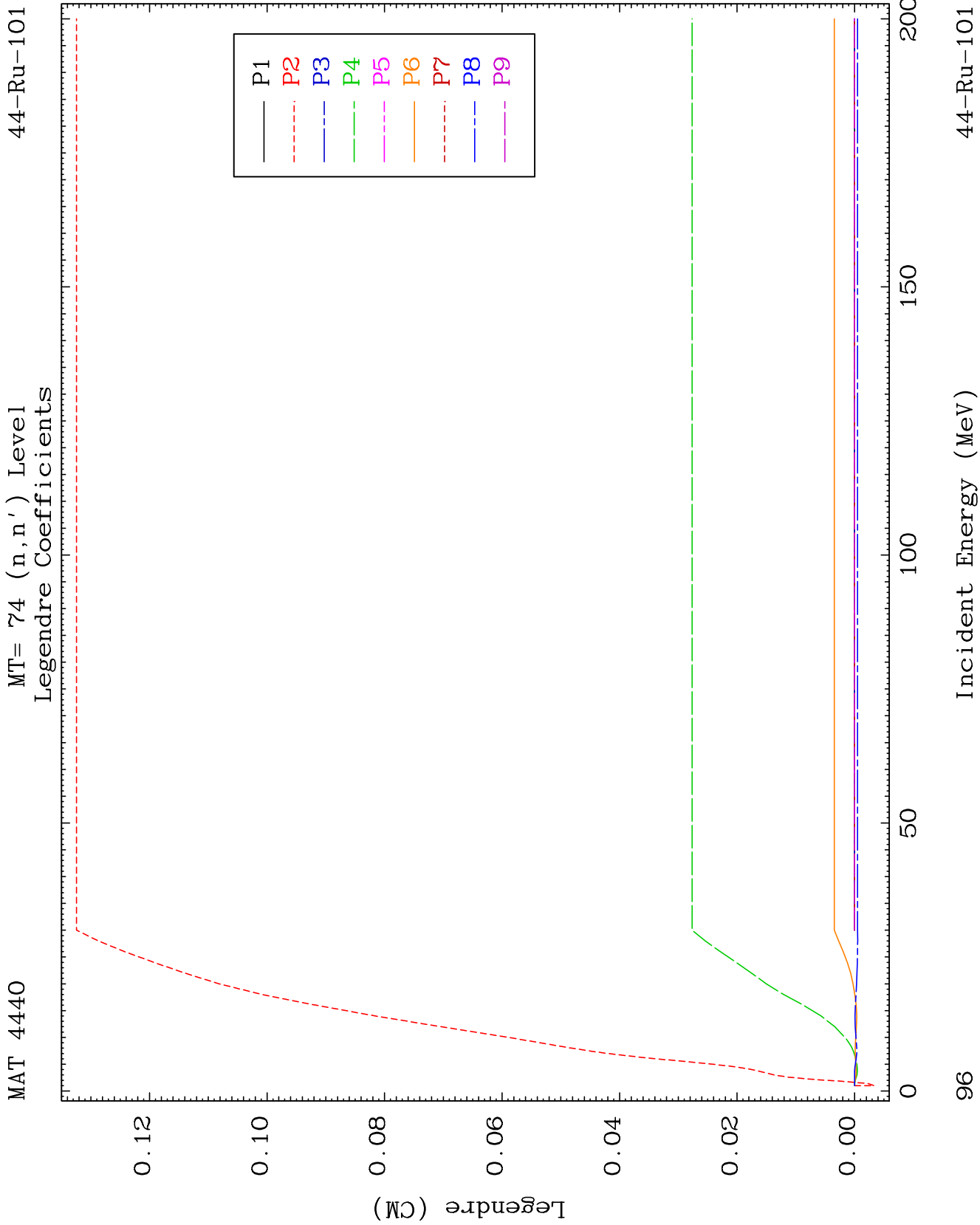
Incident Energy (MeV)

44-Ru-101

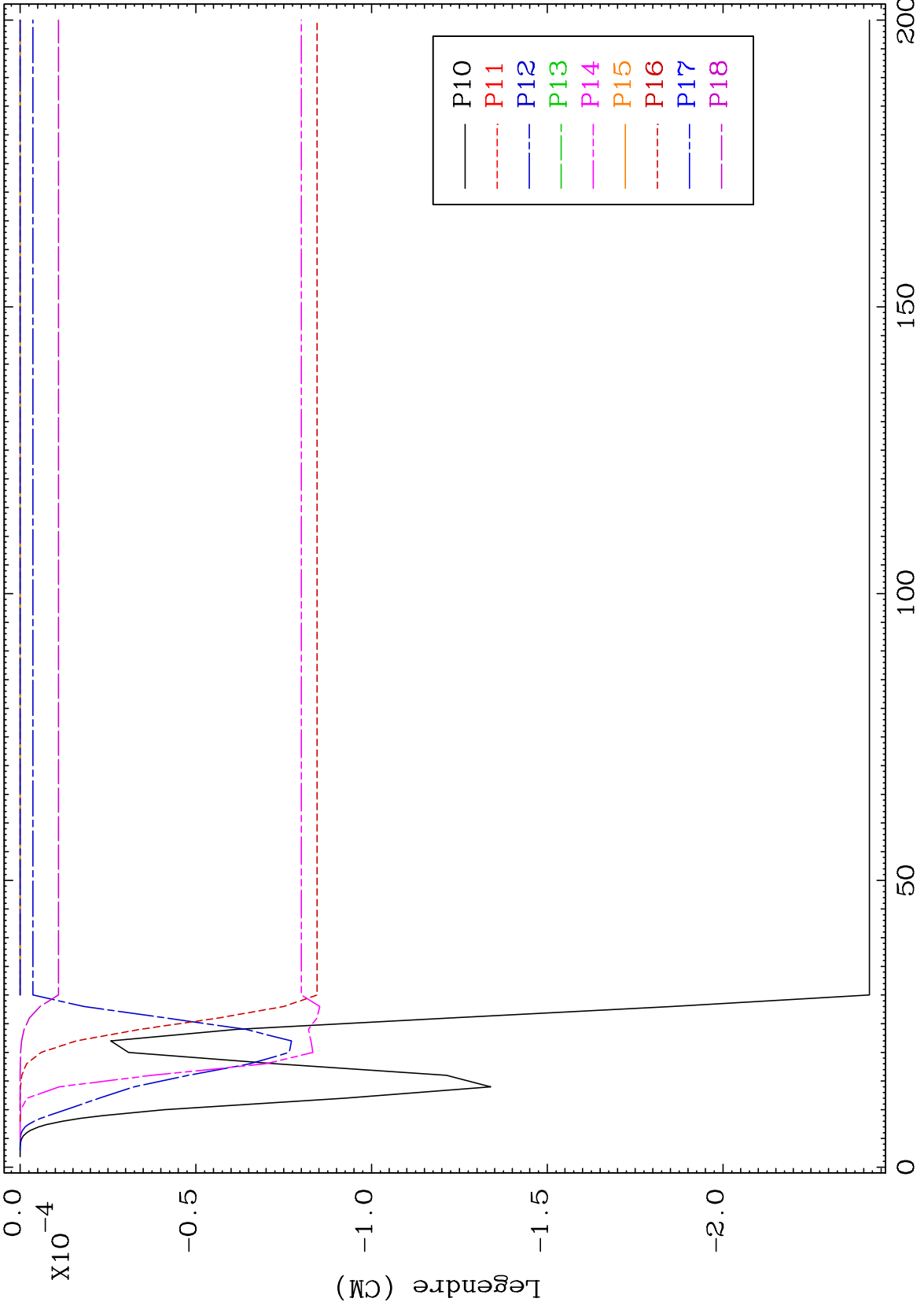
MAT 4440 MT= 73 (n,n') Level Legendre Coefficients 44-Ru-101



95 44-Ru-101

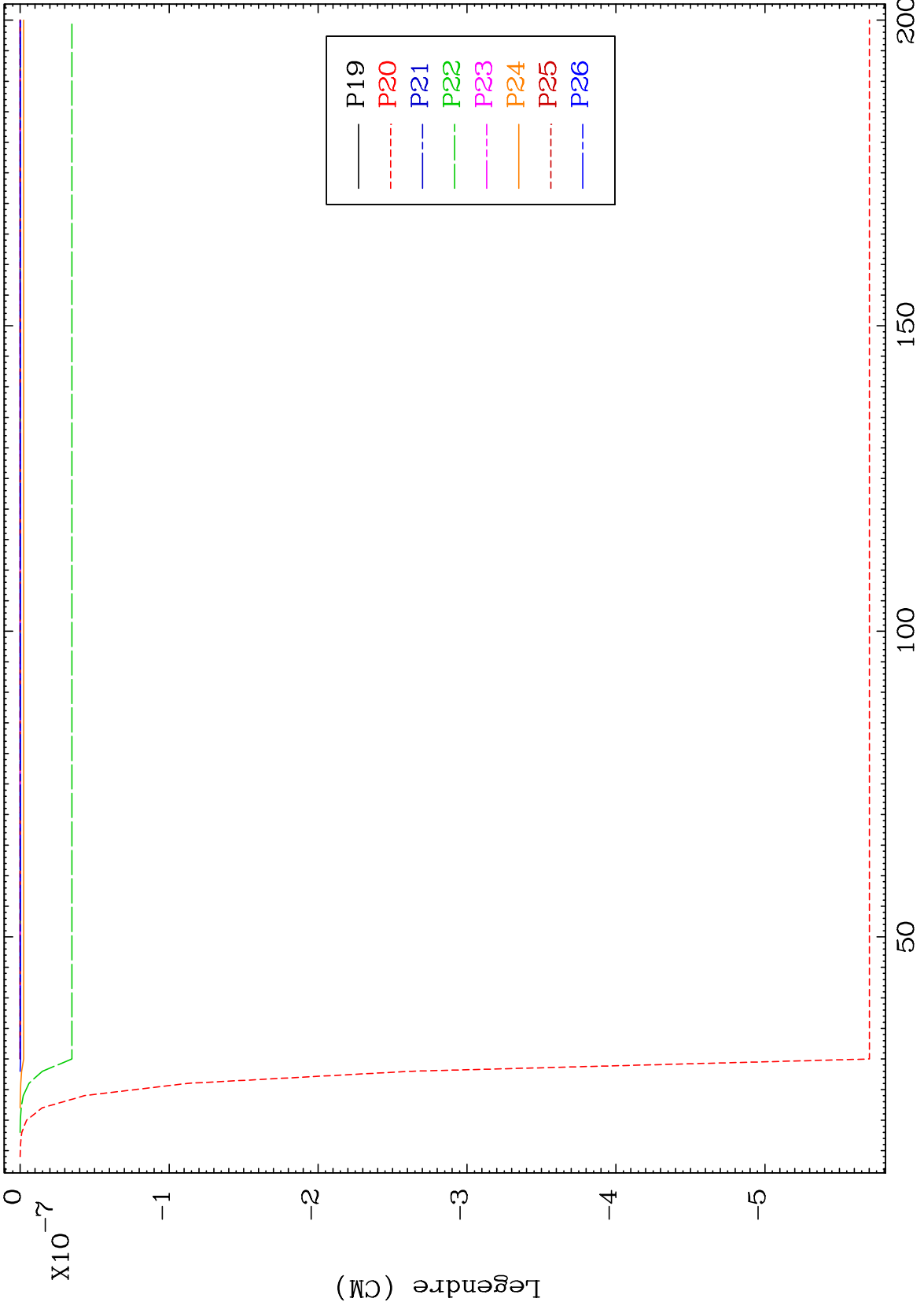


MAT 4440 MT= 74 (n,n') Level Legendre Coefficients 44-Ru-101



97 44-Ru-101

MAT 4440 MT= 74 (n,n') Level Legendre Coefficients 44-Ru-101

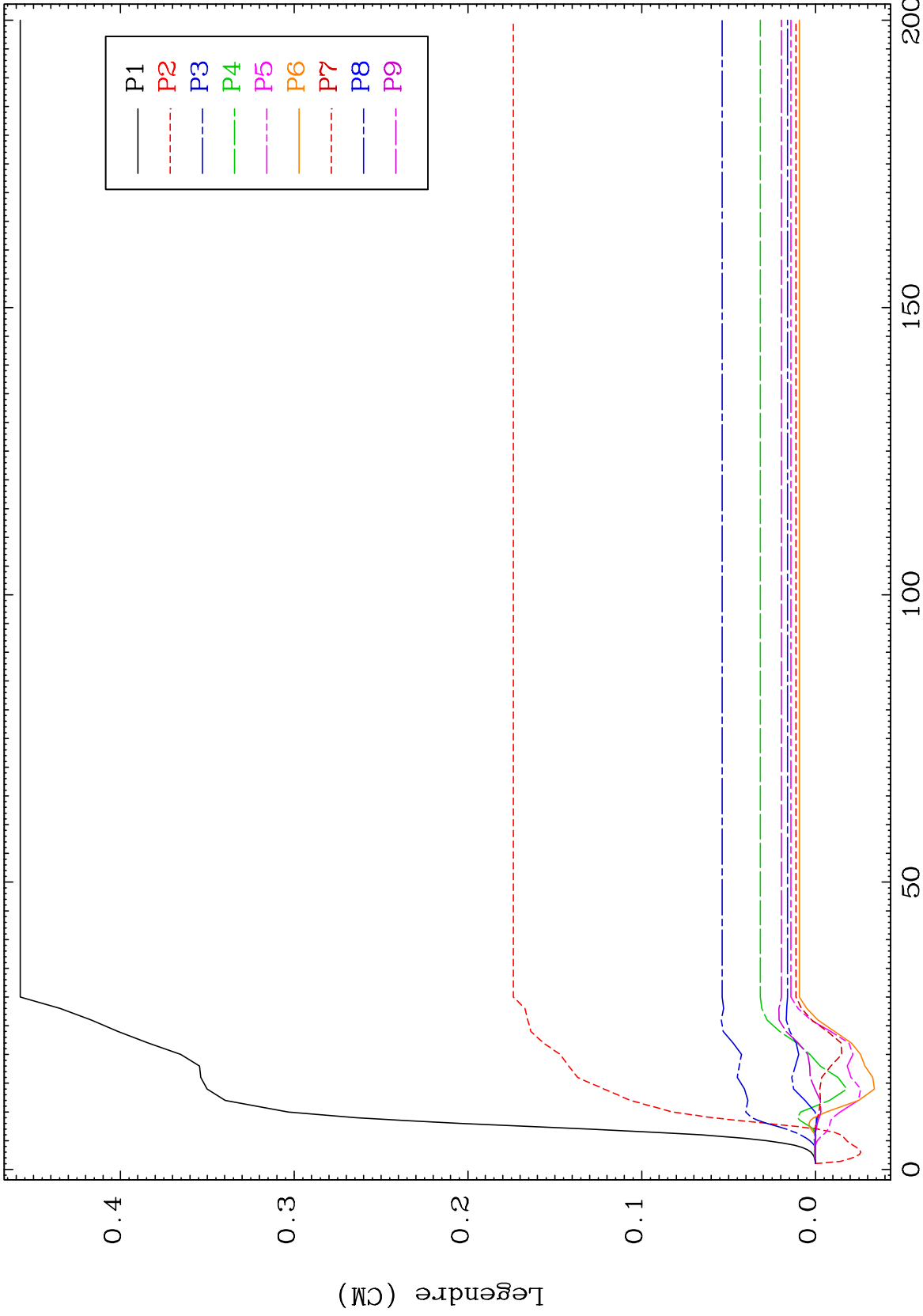


98 44-Ru-101

MAT 4440

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

44-Ru-101



99

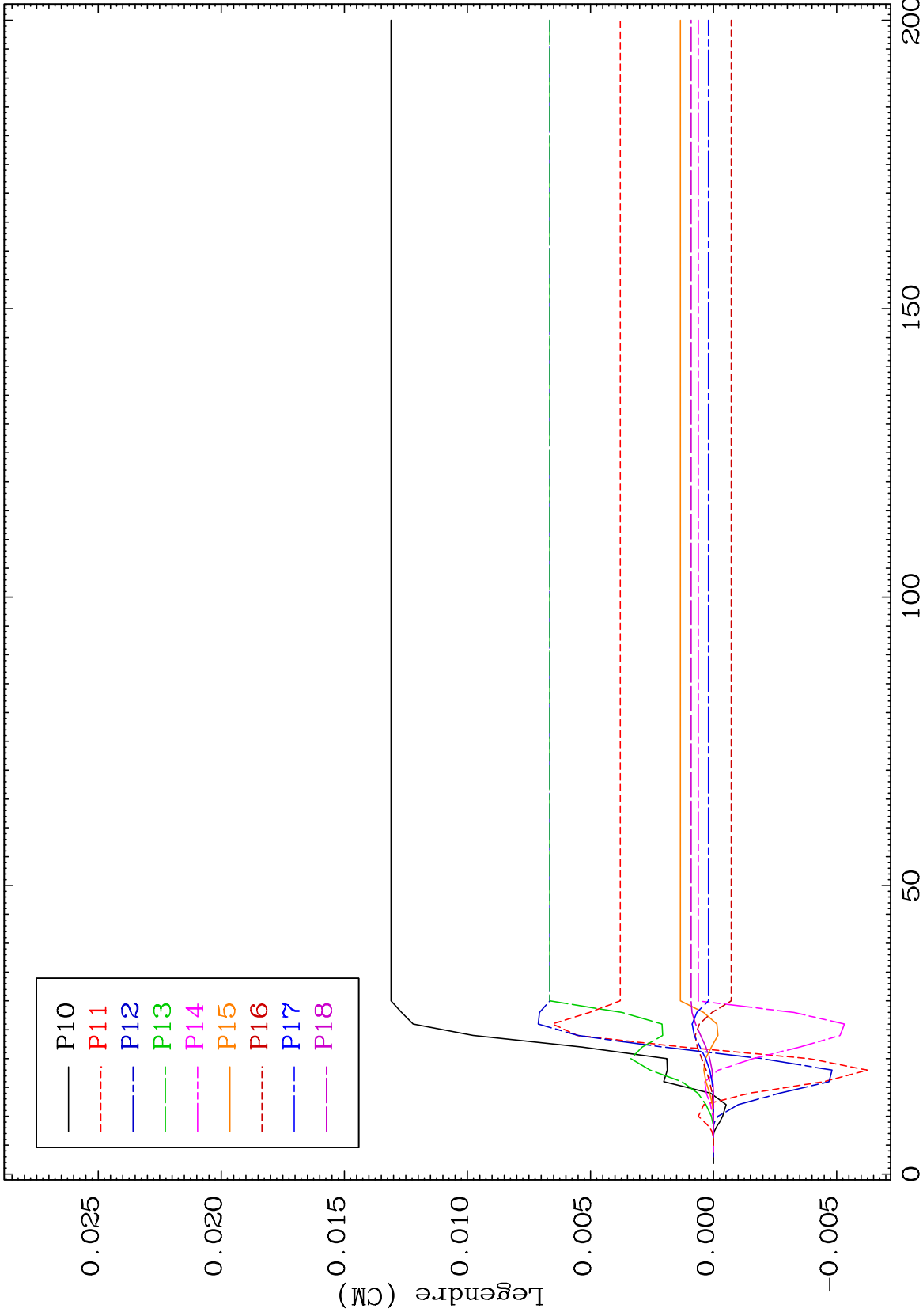
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



100

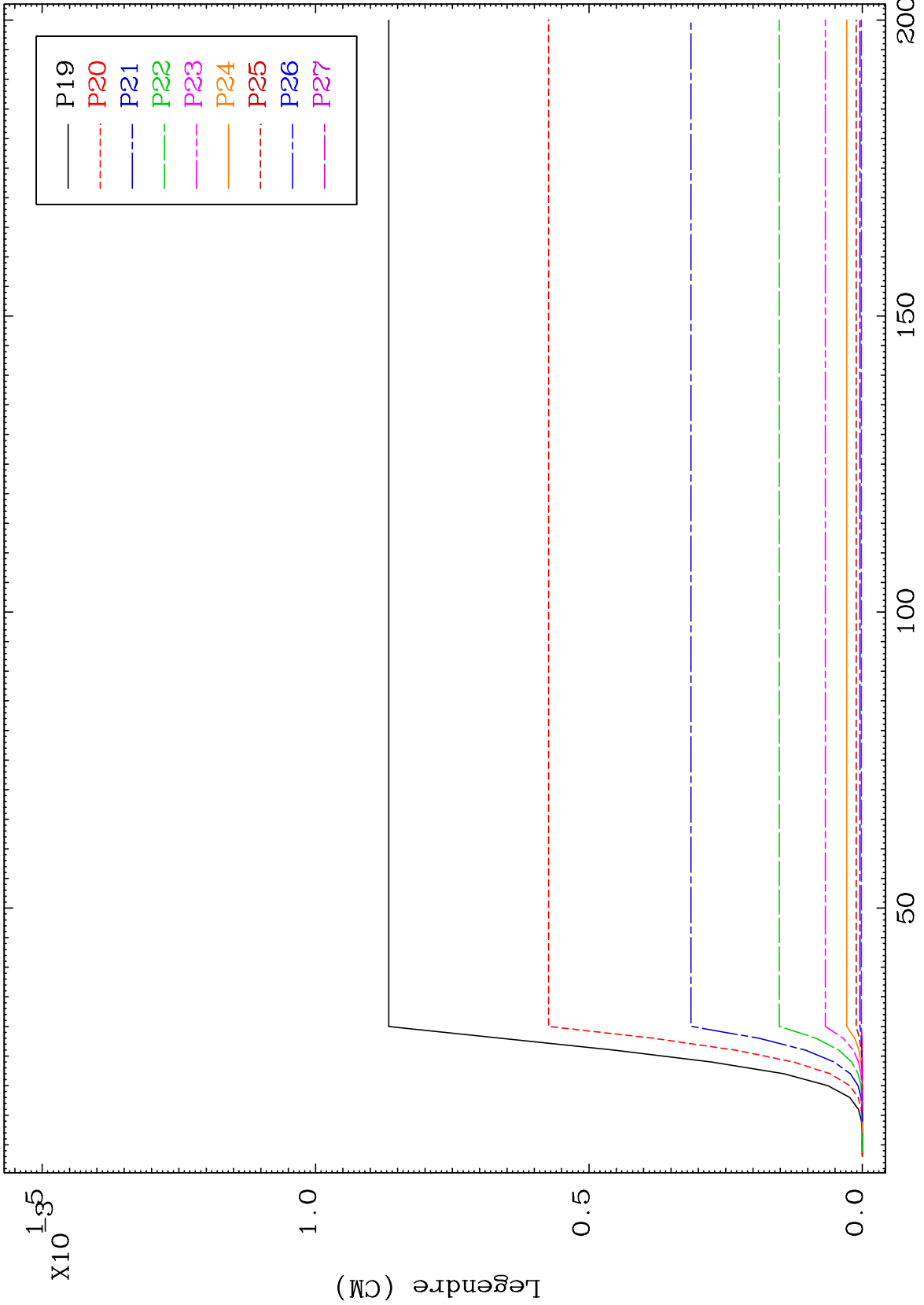
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



101

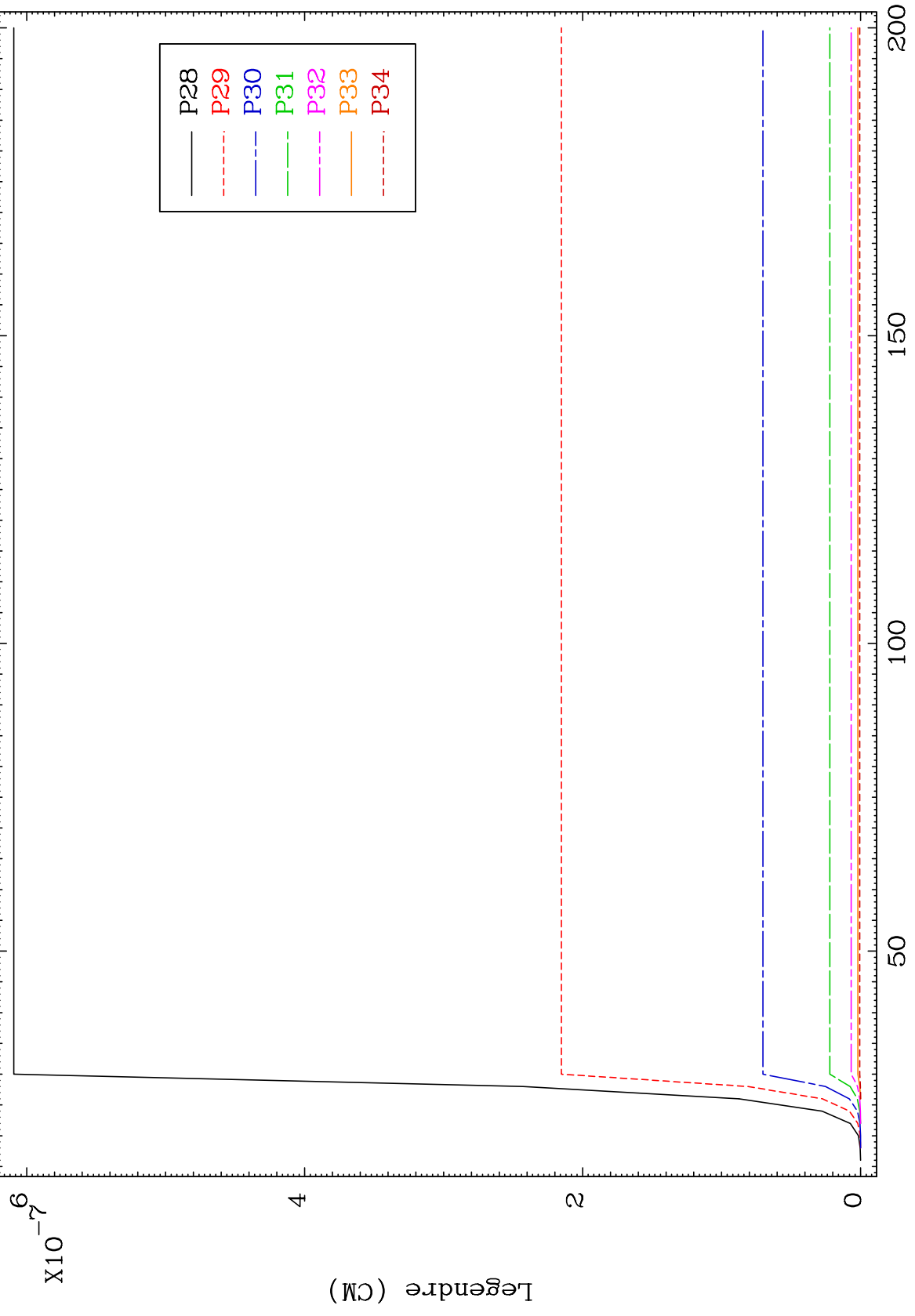
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

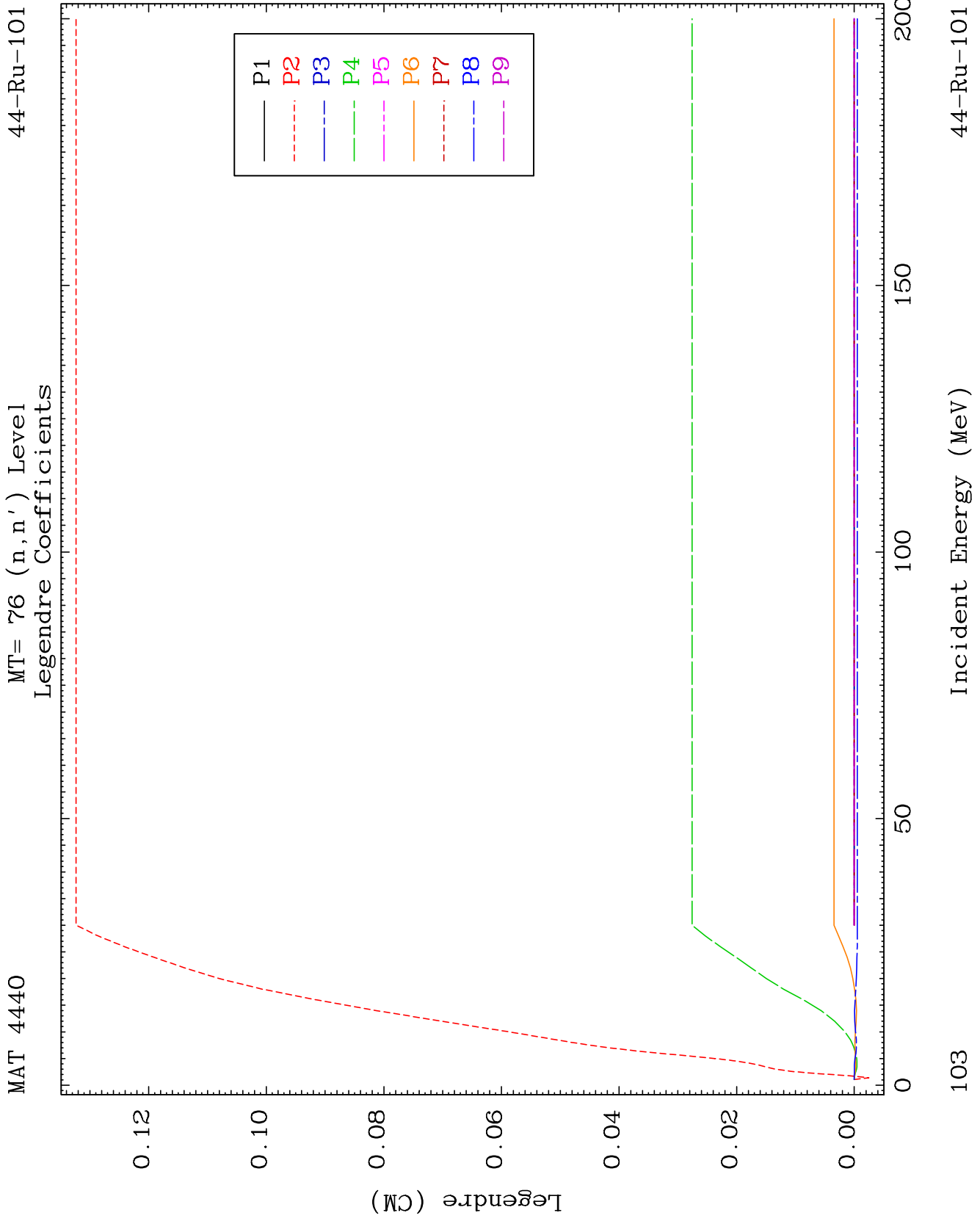
44-Ru-101



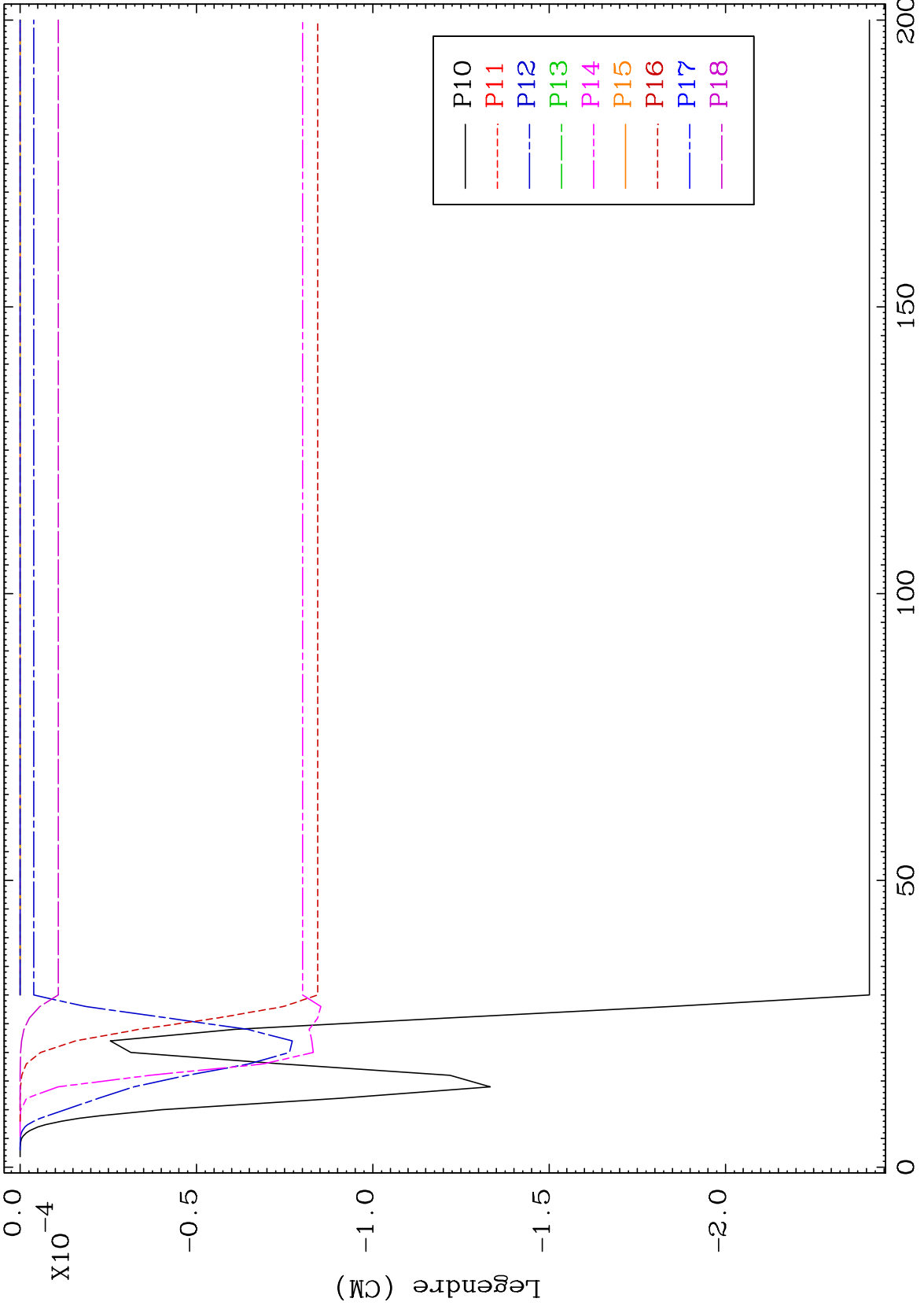
102

Incident Energy (MeV)

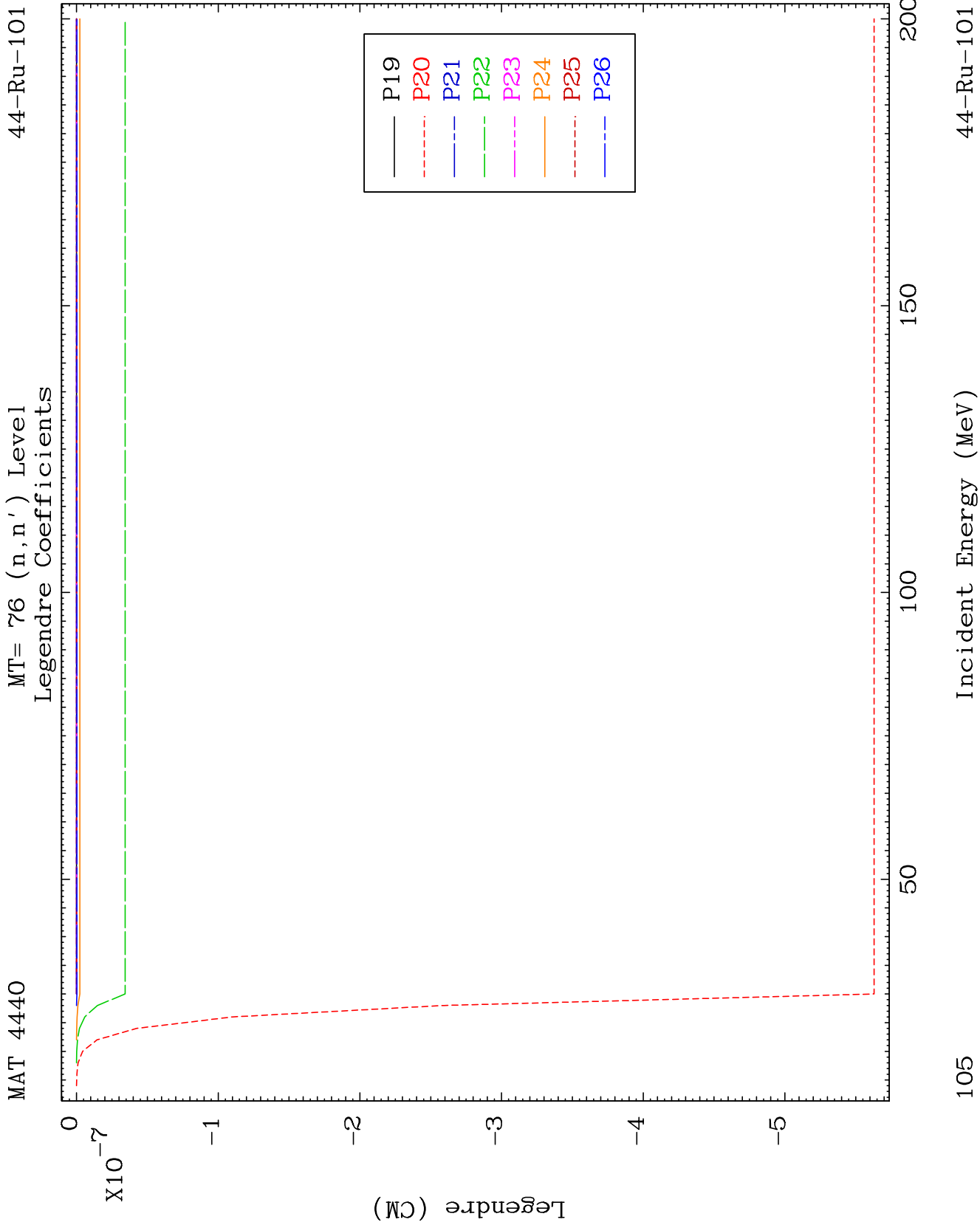
44-Ru-101



MAT 4440 MT= 76 (n,n') Level Legendre Coefficients 44-Ru-101



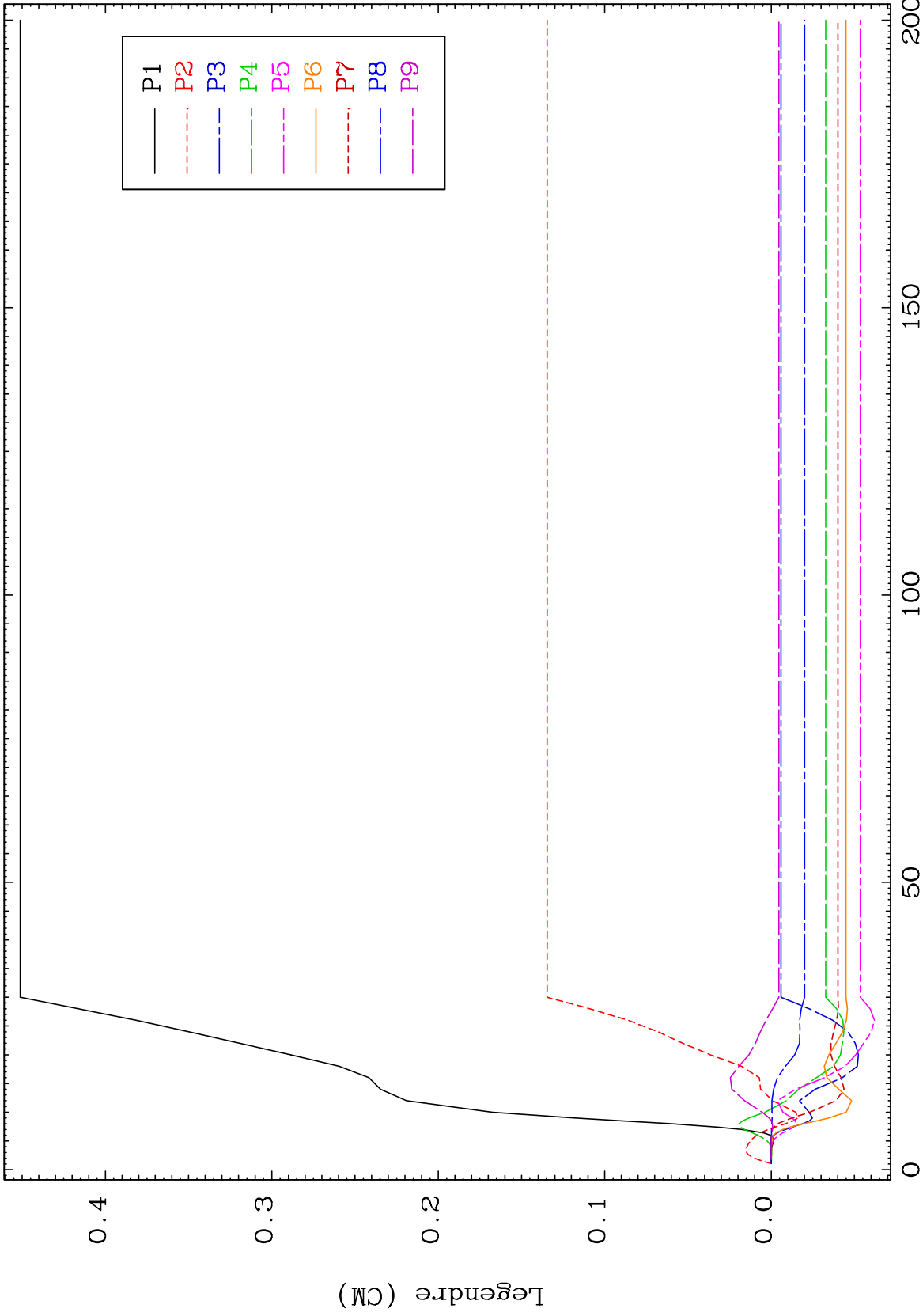
104 44-Ru-101



MAT 4440

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

44-Ru-101



106

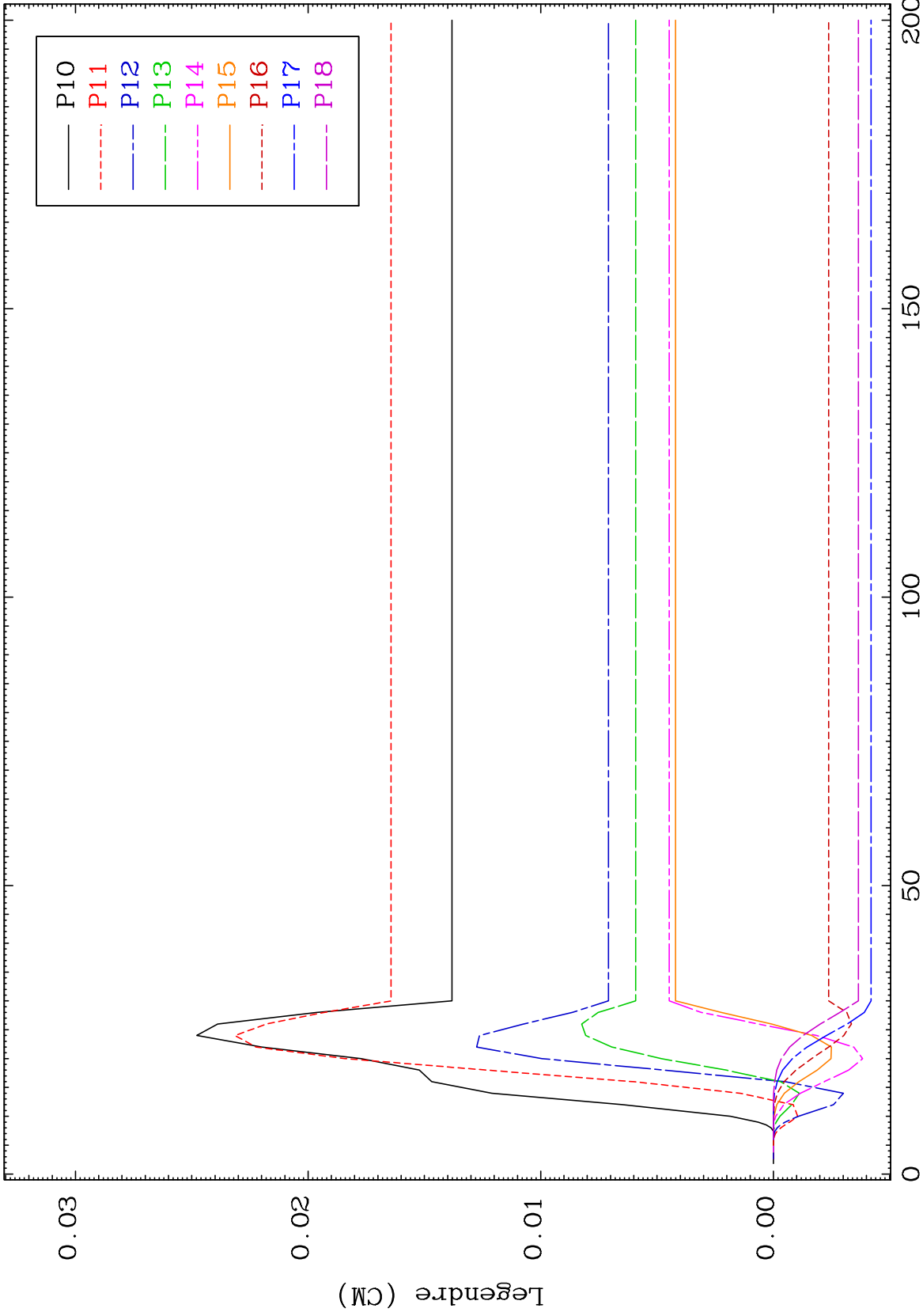
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101

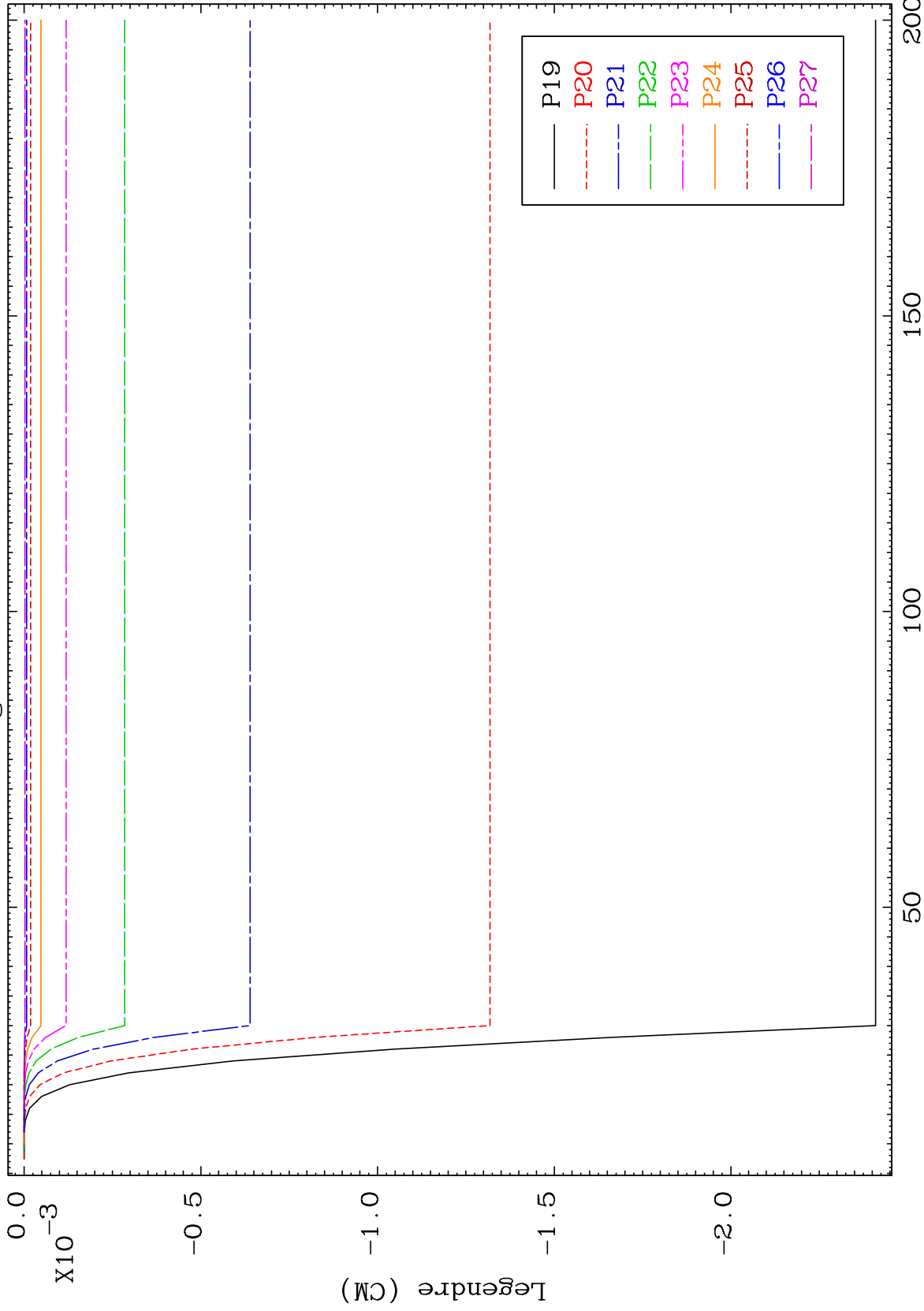


107

Incident Energy (MeV)

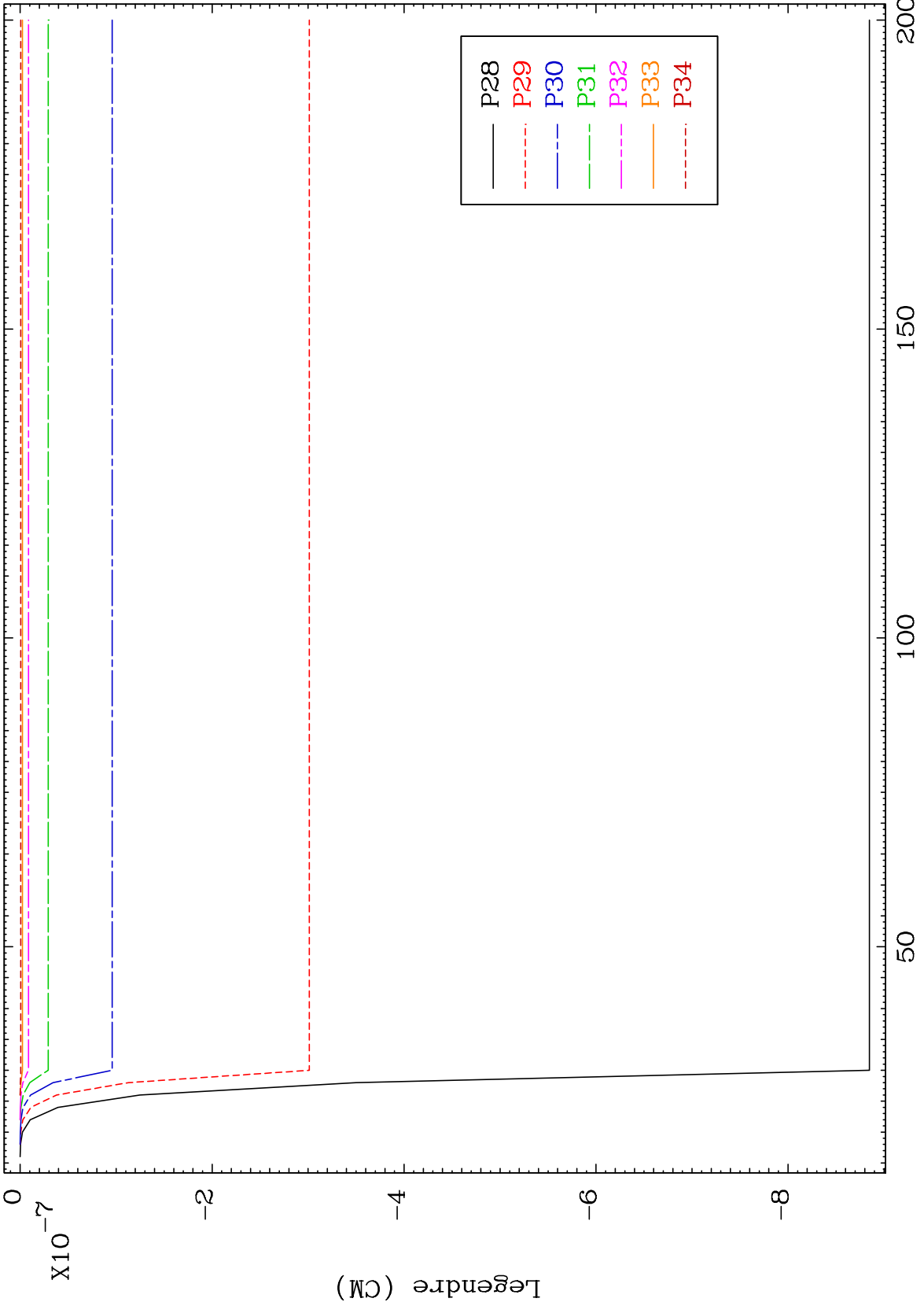
44-Ru-101

MAT 4440 MT= 77 (n,n') Level Legendre Coefficients 44-Ru-101

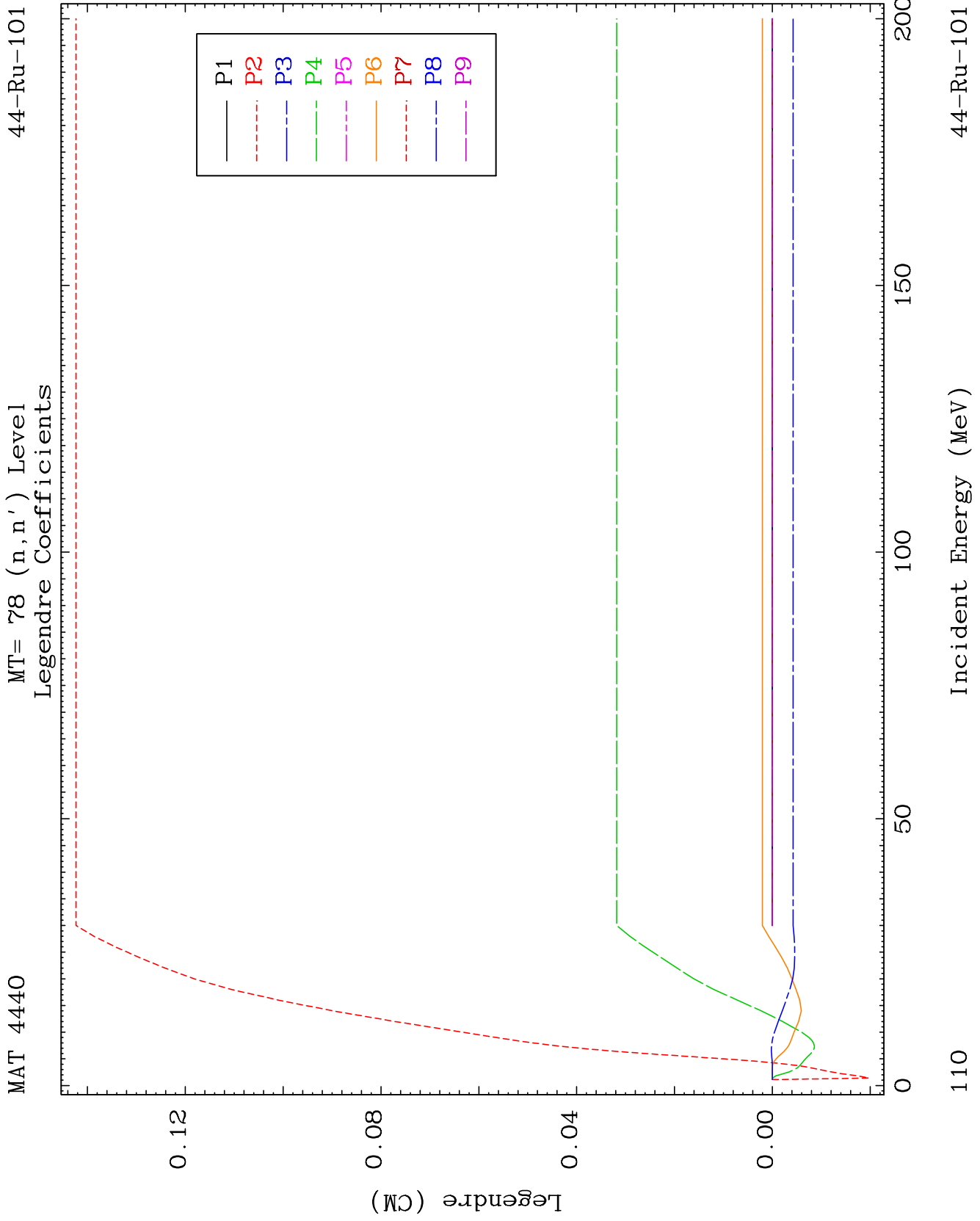


108 44-Ru-101

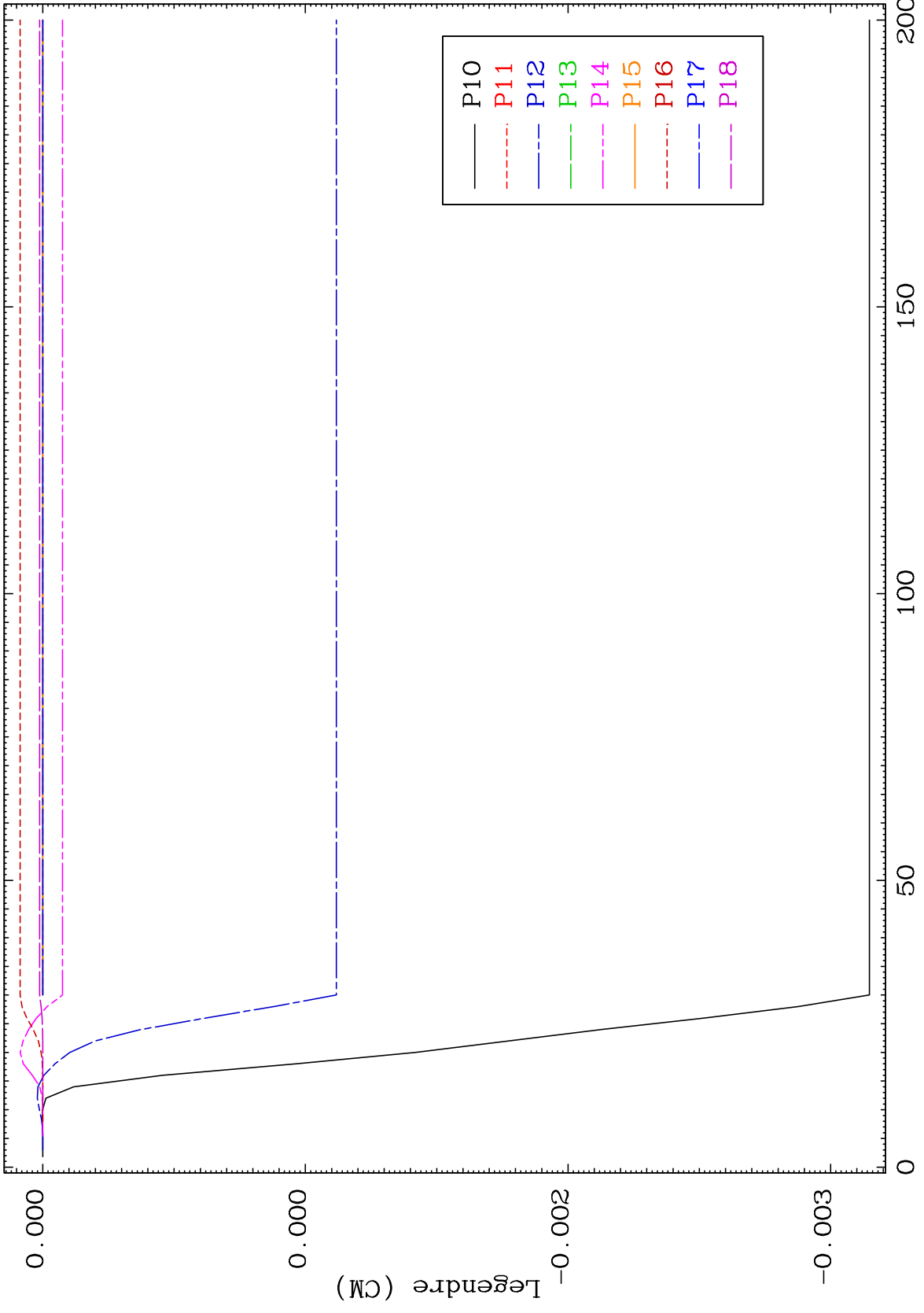
MAT 4440 MT= 77 (n,n') Level Legendre Coefficients 44-Ru-101



109 44-Ru-101

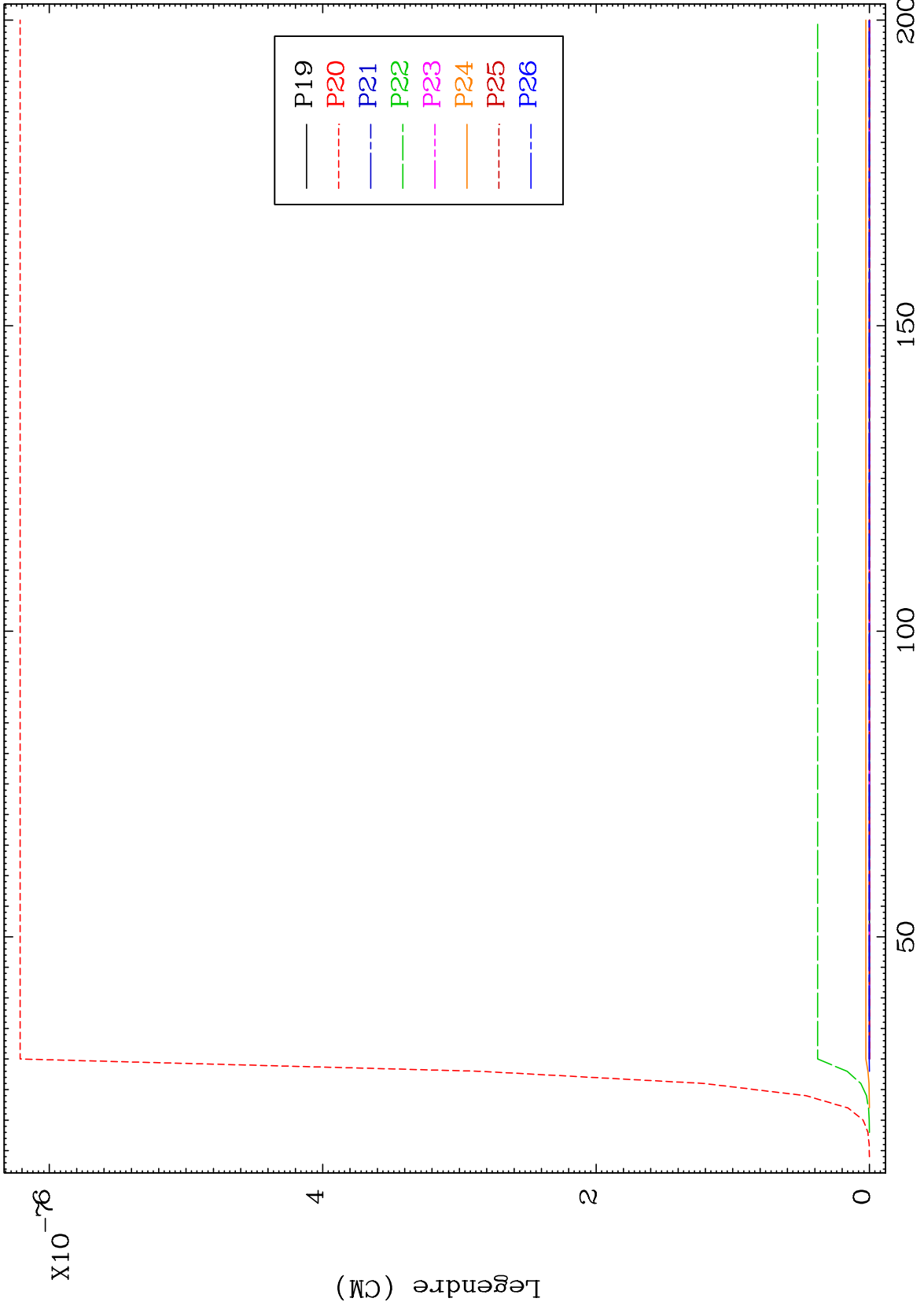


MAT 4440 MT= 78 (n,n') Level Legendre Coefficients 44-Ru-101



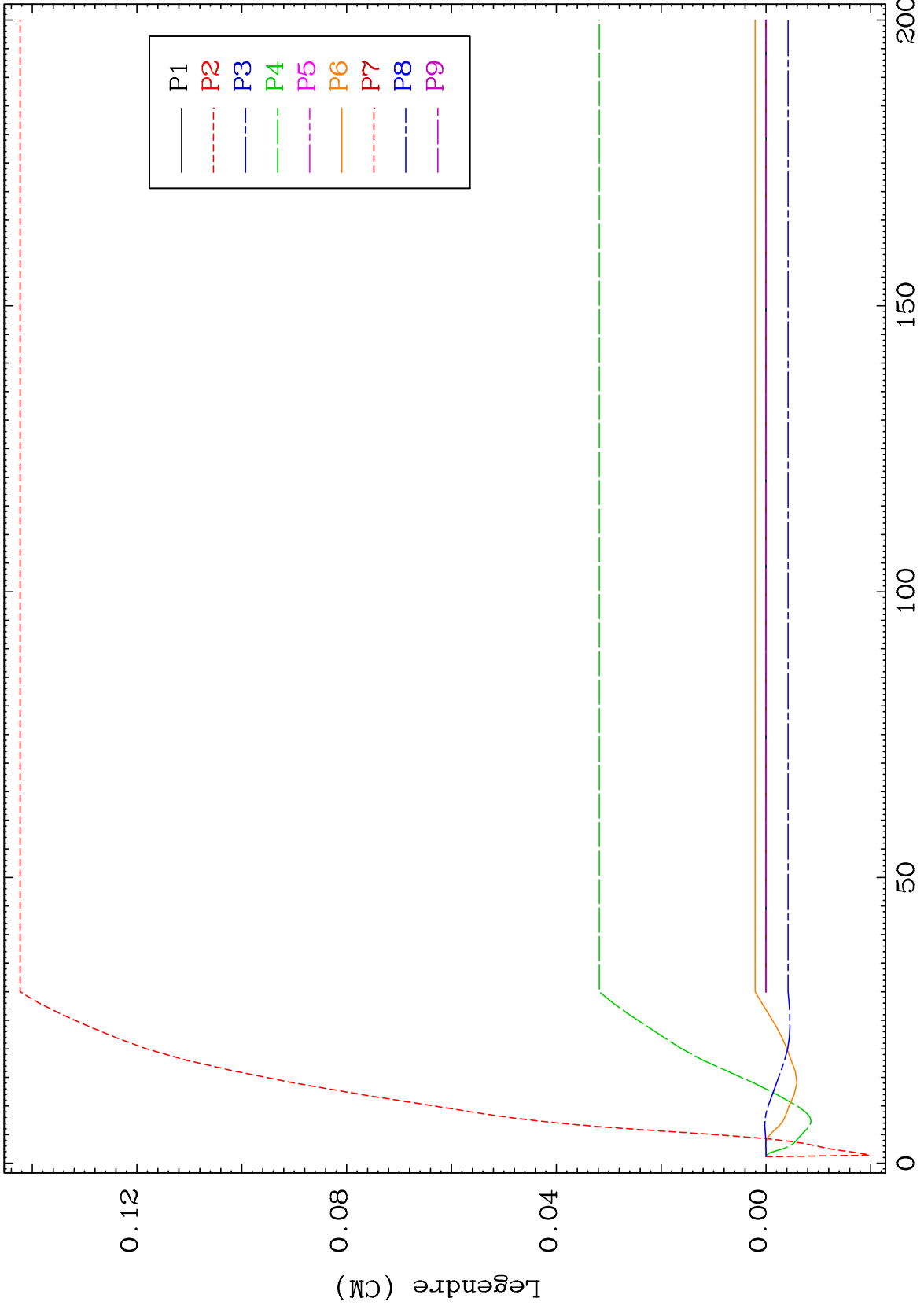
111 44-Ru-101

MAT 4440 MT= 78 (n,n') Level Legendre Coefficients 44-Ru-101



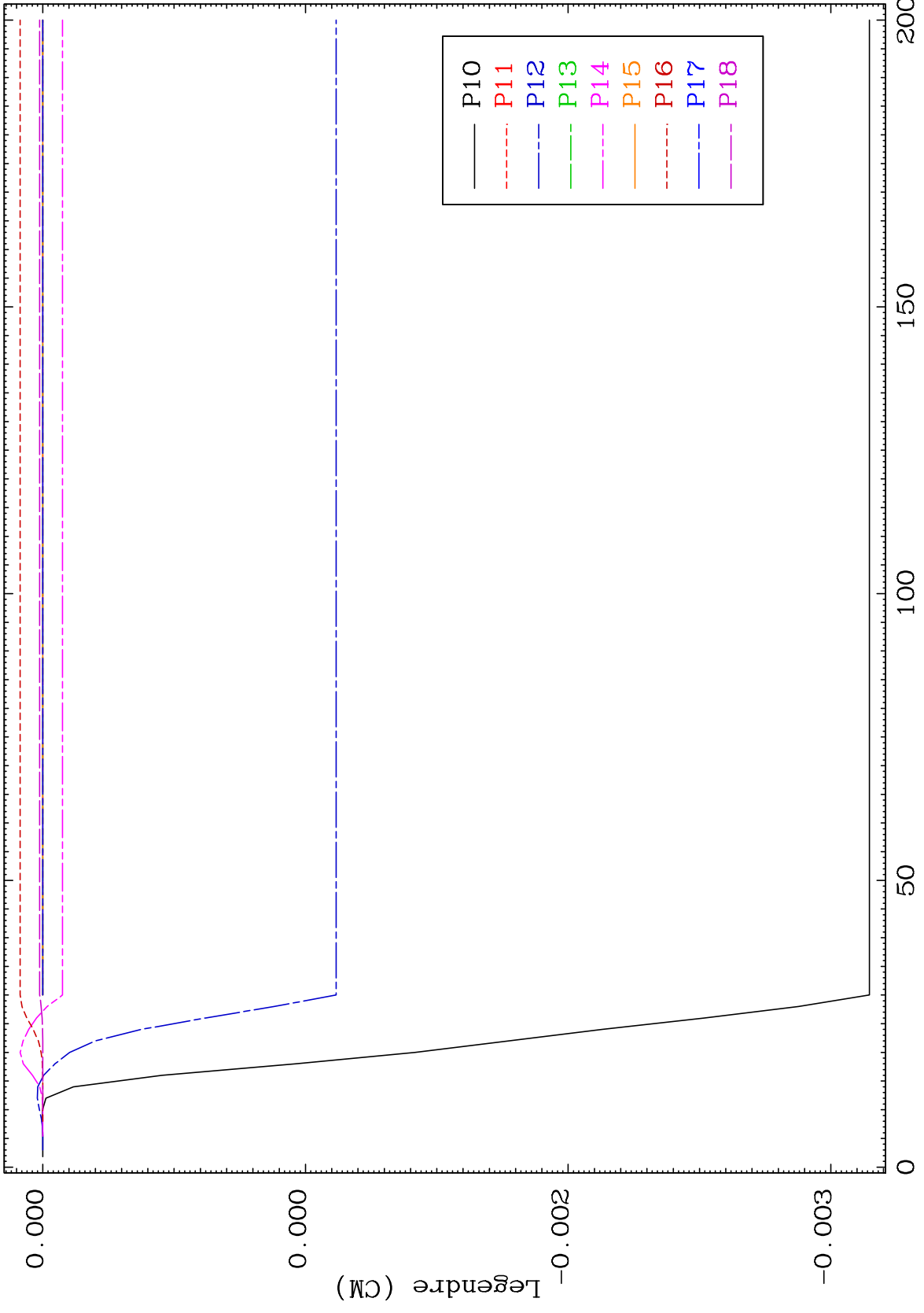
112 Incident Energy (MeV) 44-Ru-101

MAT 4440 MT= 79 (n,n') Level Legendre Coefficients 44-Ru-101



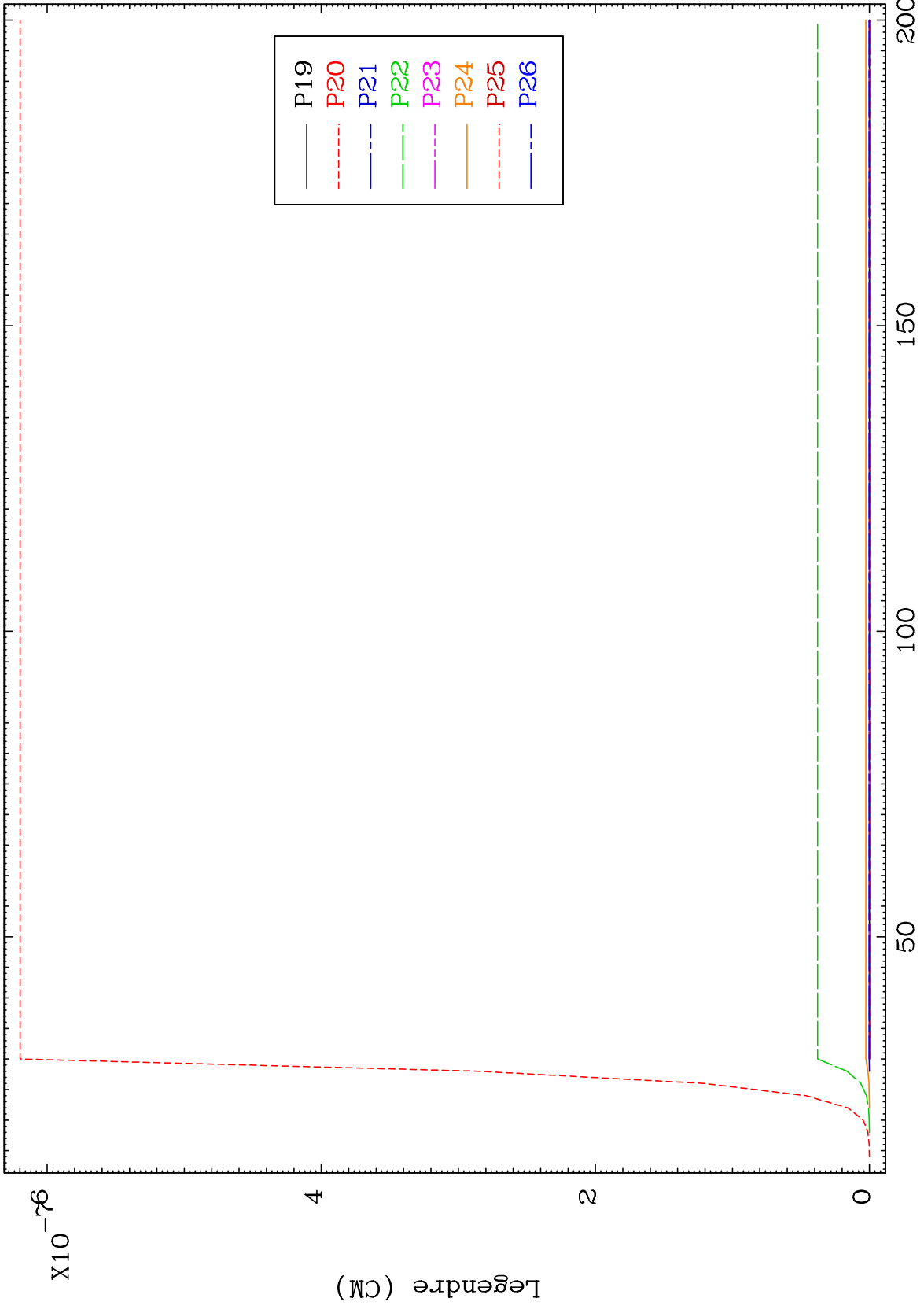
113 44-Ru-101

MAT 4440 MT= 79 (n,n') Level Legendre Coefficients 44-Ru-101

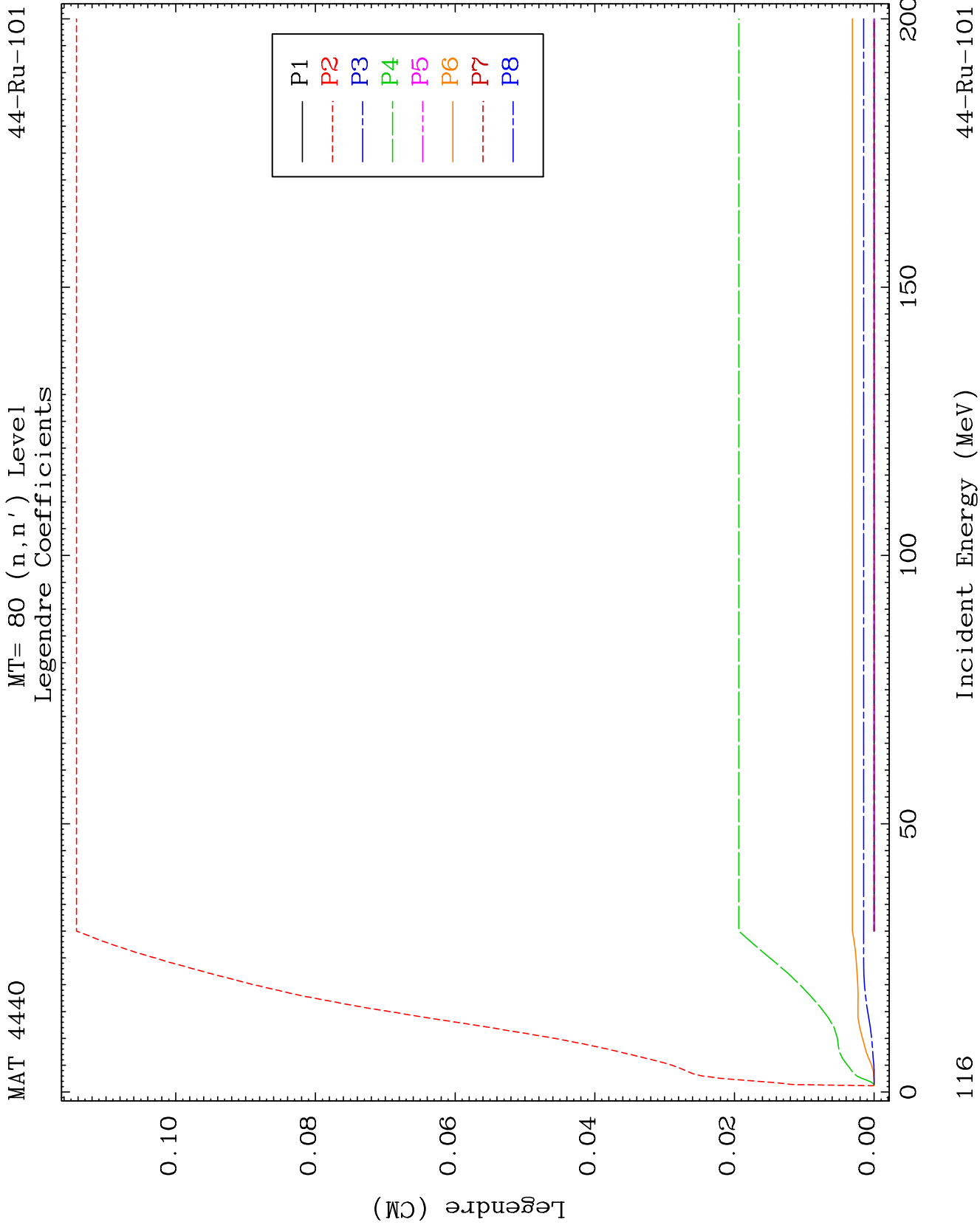


114 44-Ru-101

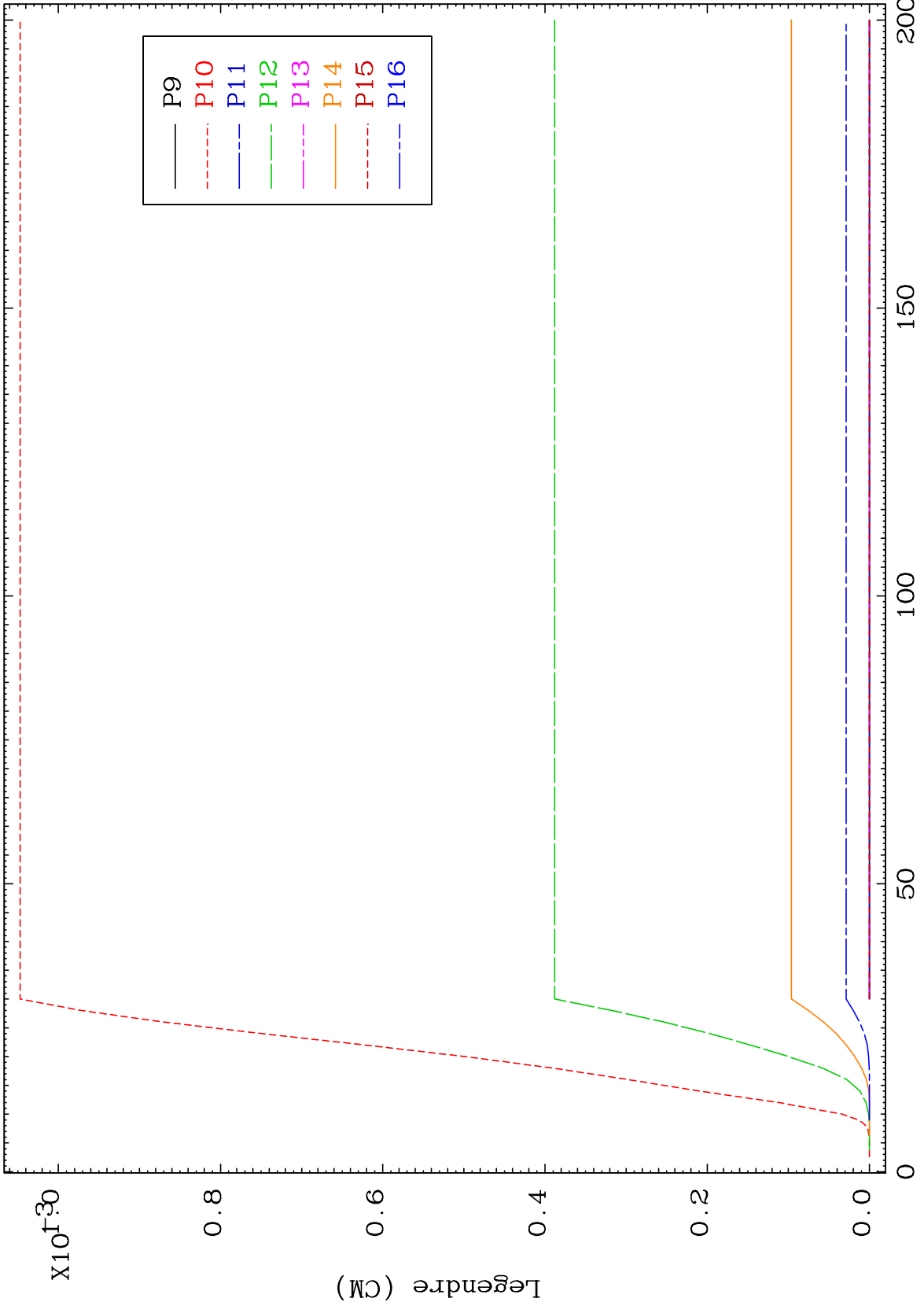
MAT 4440 MT= 79 (n,n') Level Legendre Coefficients 44-Ru-101



44-Ru-101

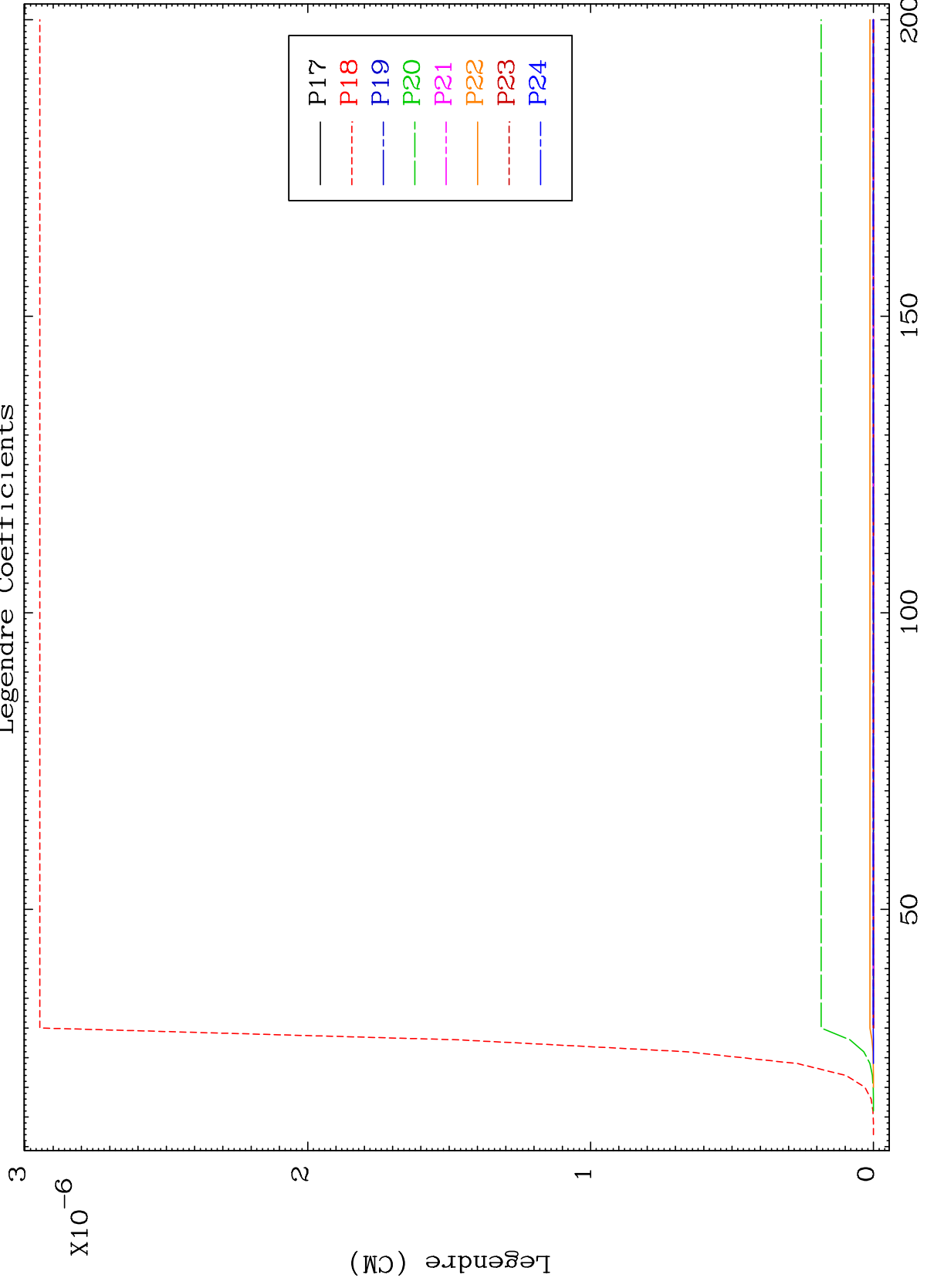


MAT 4440 MT= 80 (n,n') Level Legendre Coefficients 44-Ru-101



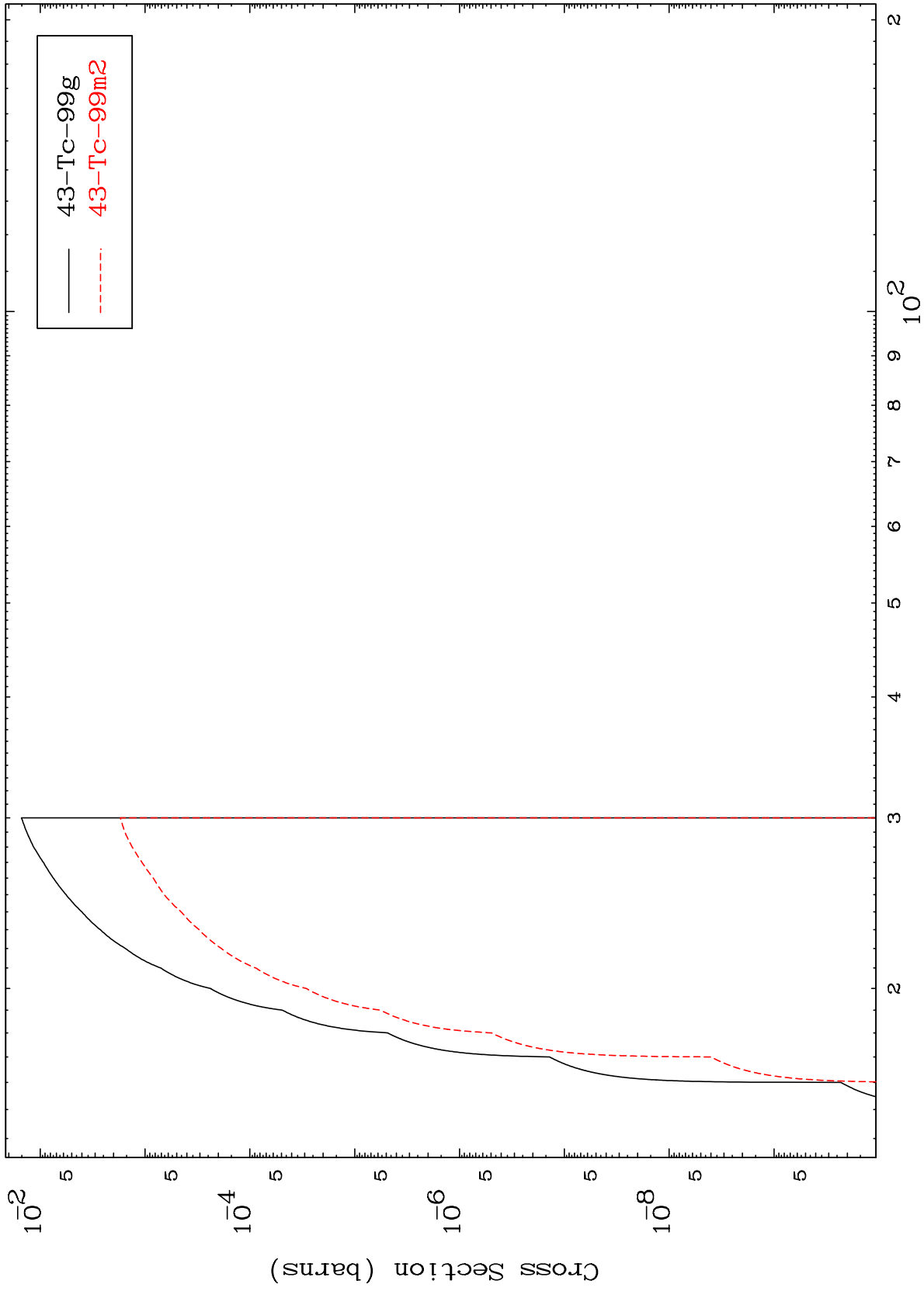
117 44-Ru-101

MAT 4440 MT= 80 (n,n') Level Legendre Coefficients 44-Ru-101



118 44-Ru-101

Radionuclide Production Cross Section

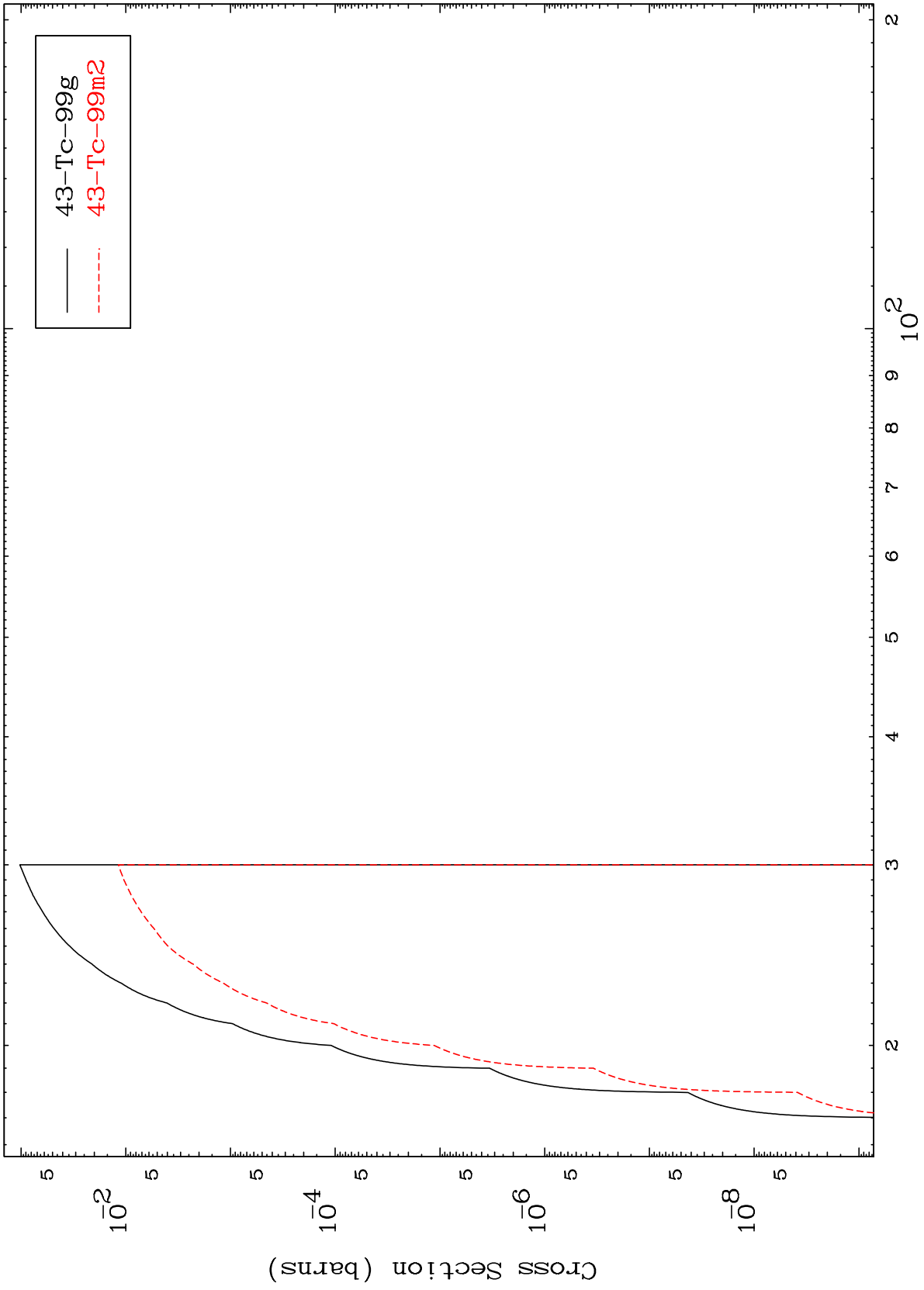


MAT 4440

(n,2n) p

44-Ru-101

Radionuclide Production Cross Section



120

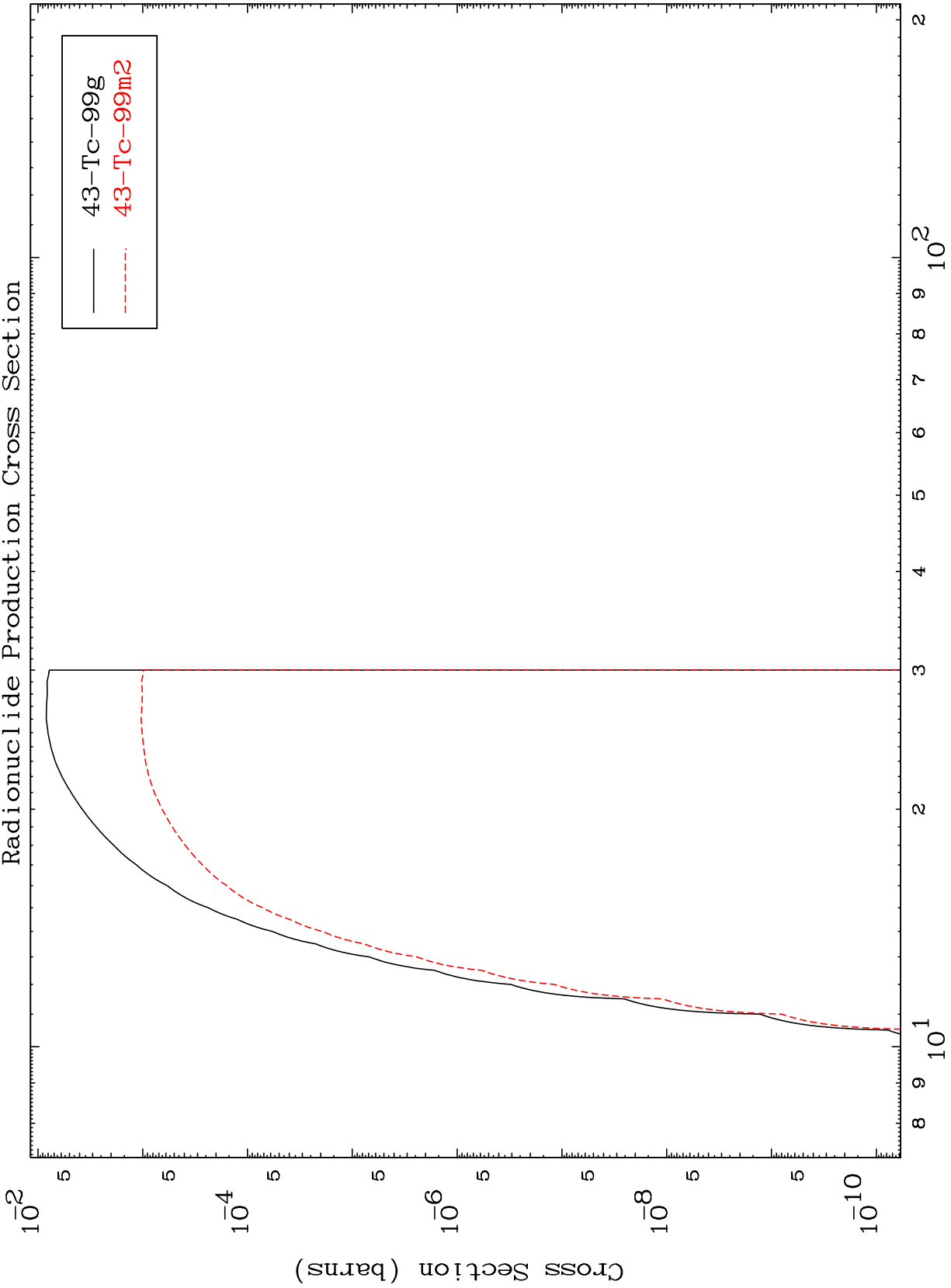
Incident Energy (MeV)

44-Ru-101

MAT 4440

44-Ru-101

(n, t)
Radionuclide Production Cross Section



121

Incident Energy (MeV)

44-Ru-101

MAT 4440

(n,p) α

44-Ru-101

Radionuclide Production Cross Section

