

Program EVALPLOT
(Version 2015-2)

by

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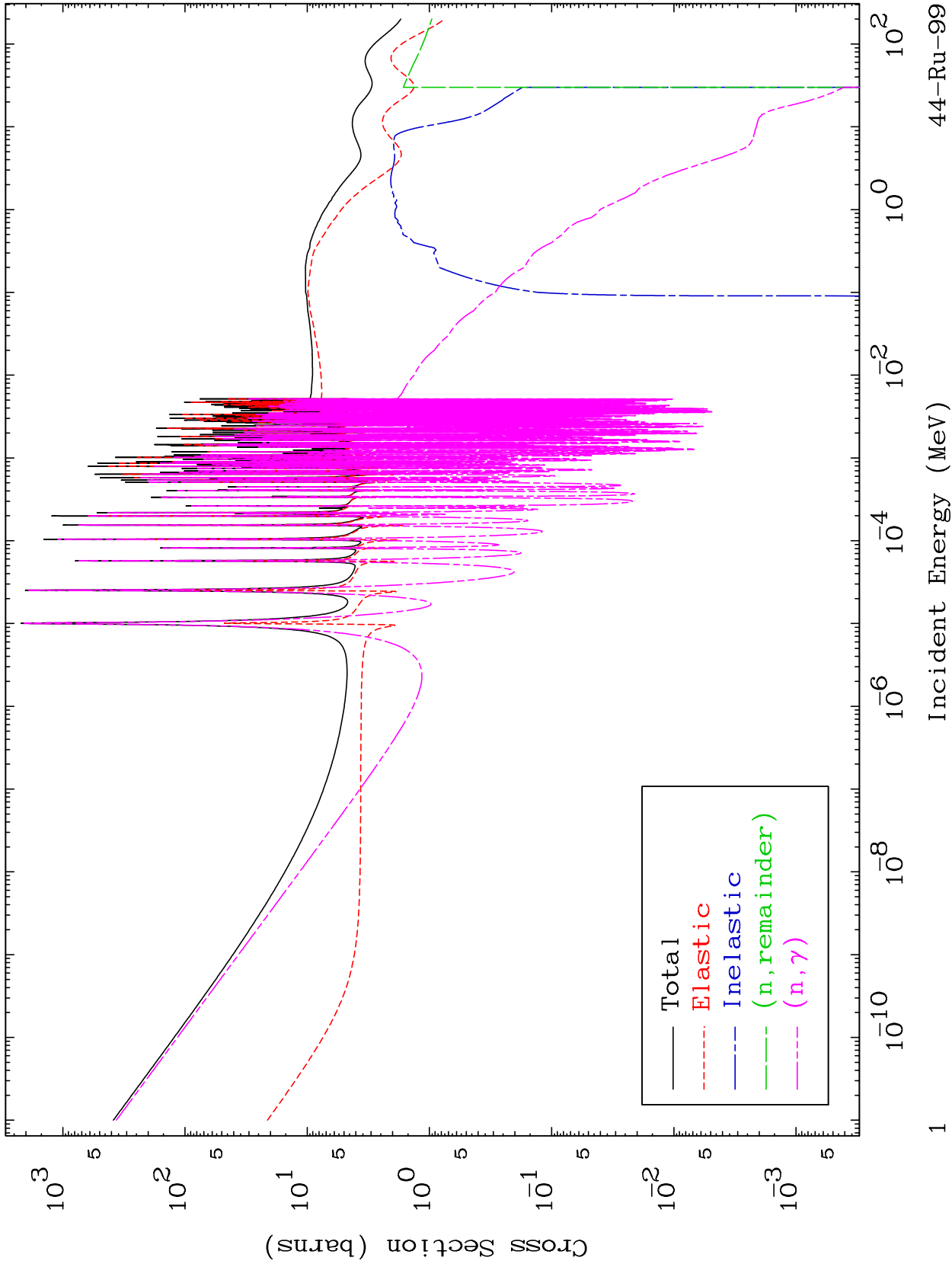
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

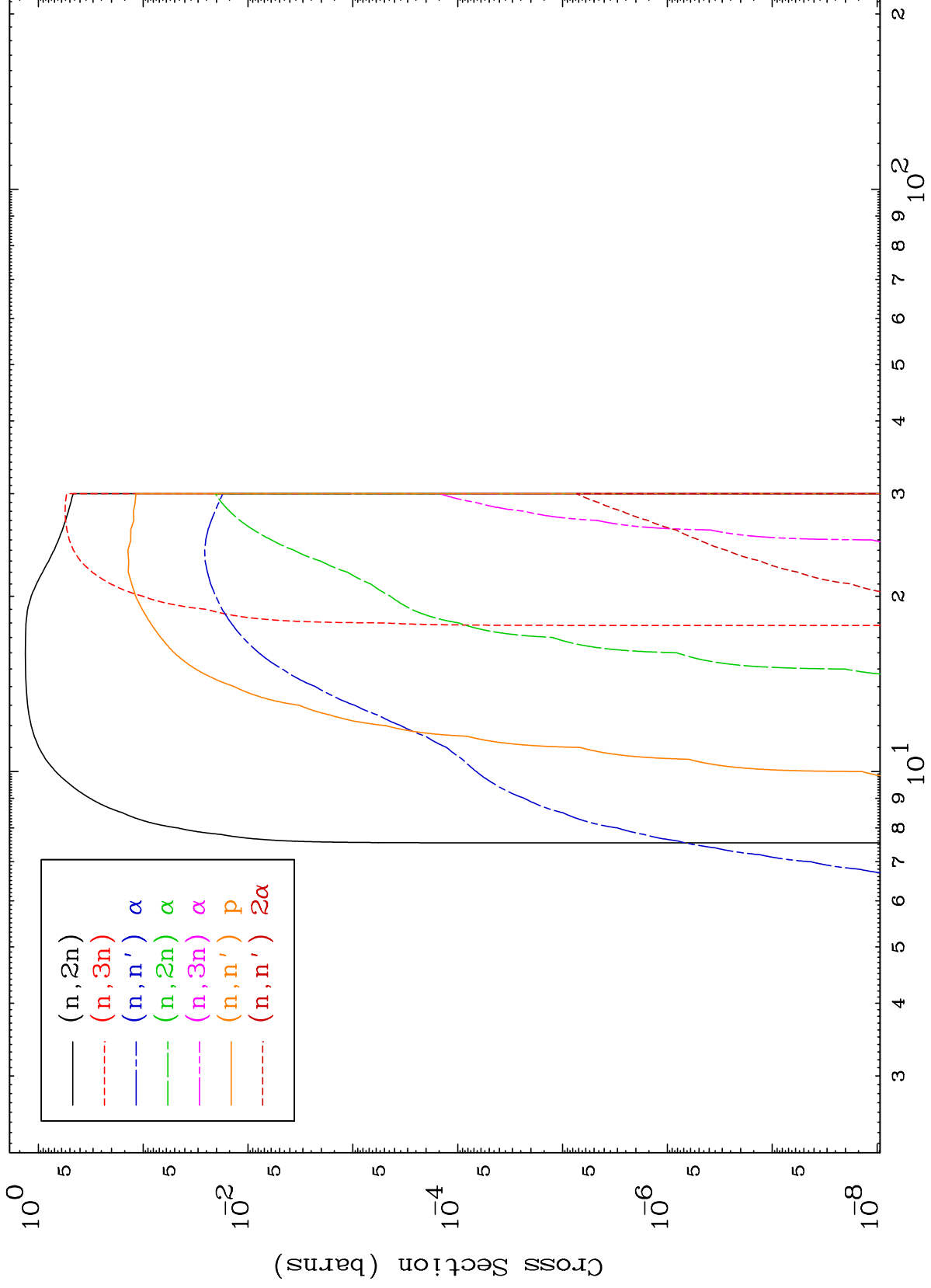
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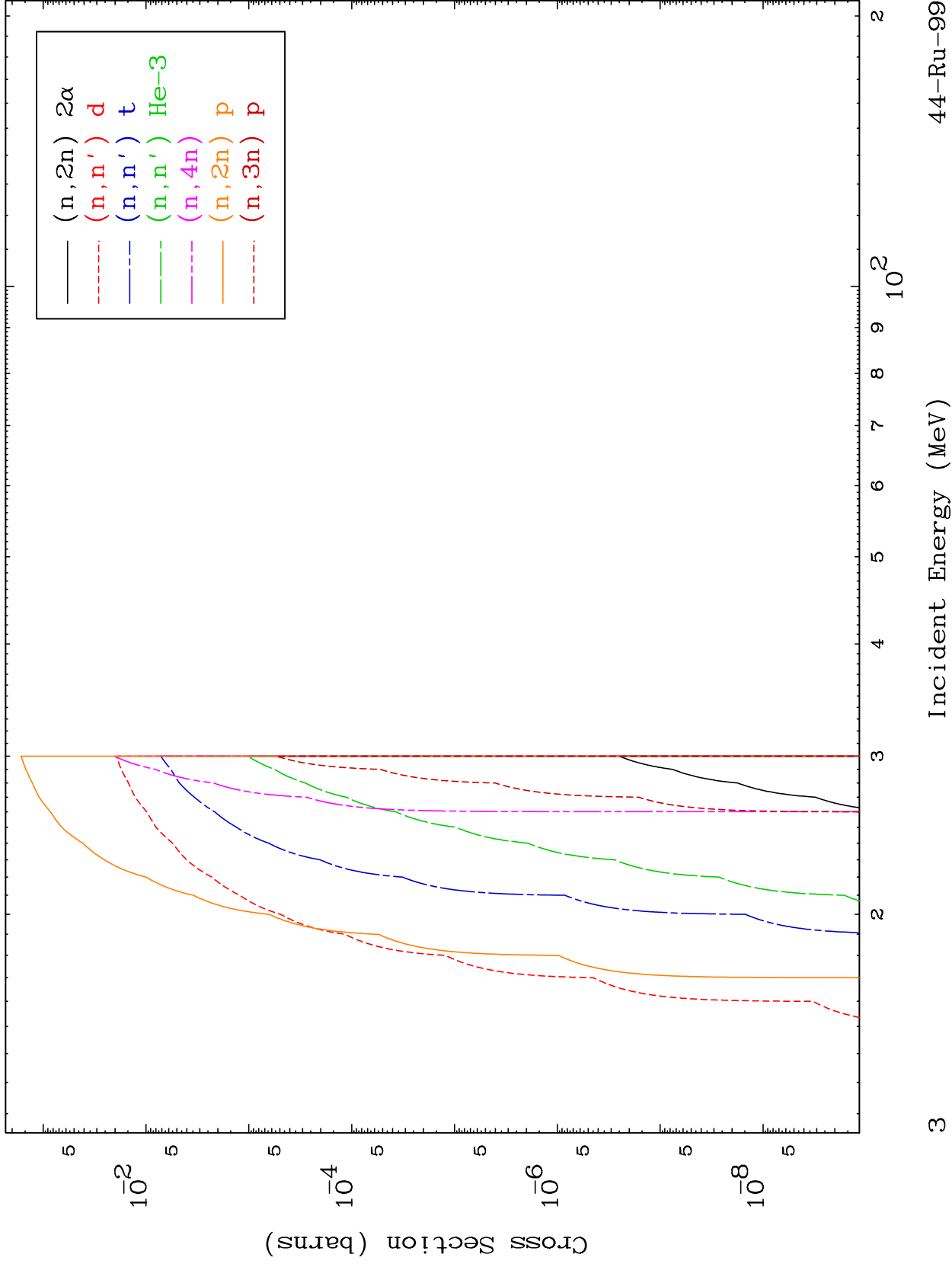
MAT 4434

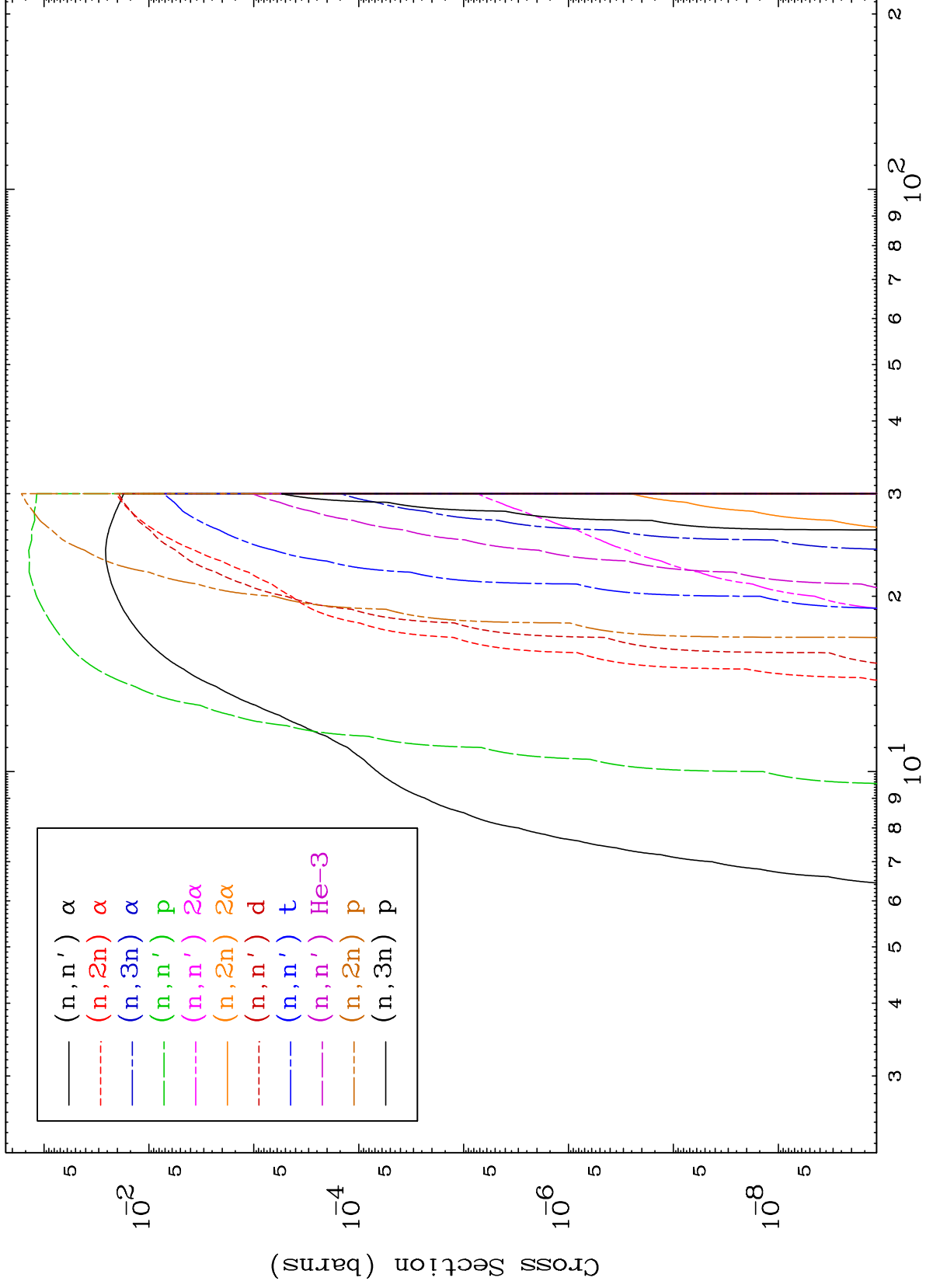
Major
293 Kelvin Cross Sections

44-Ru-99





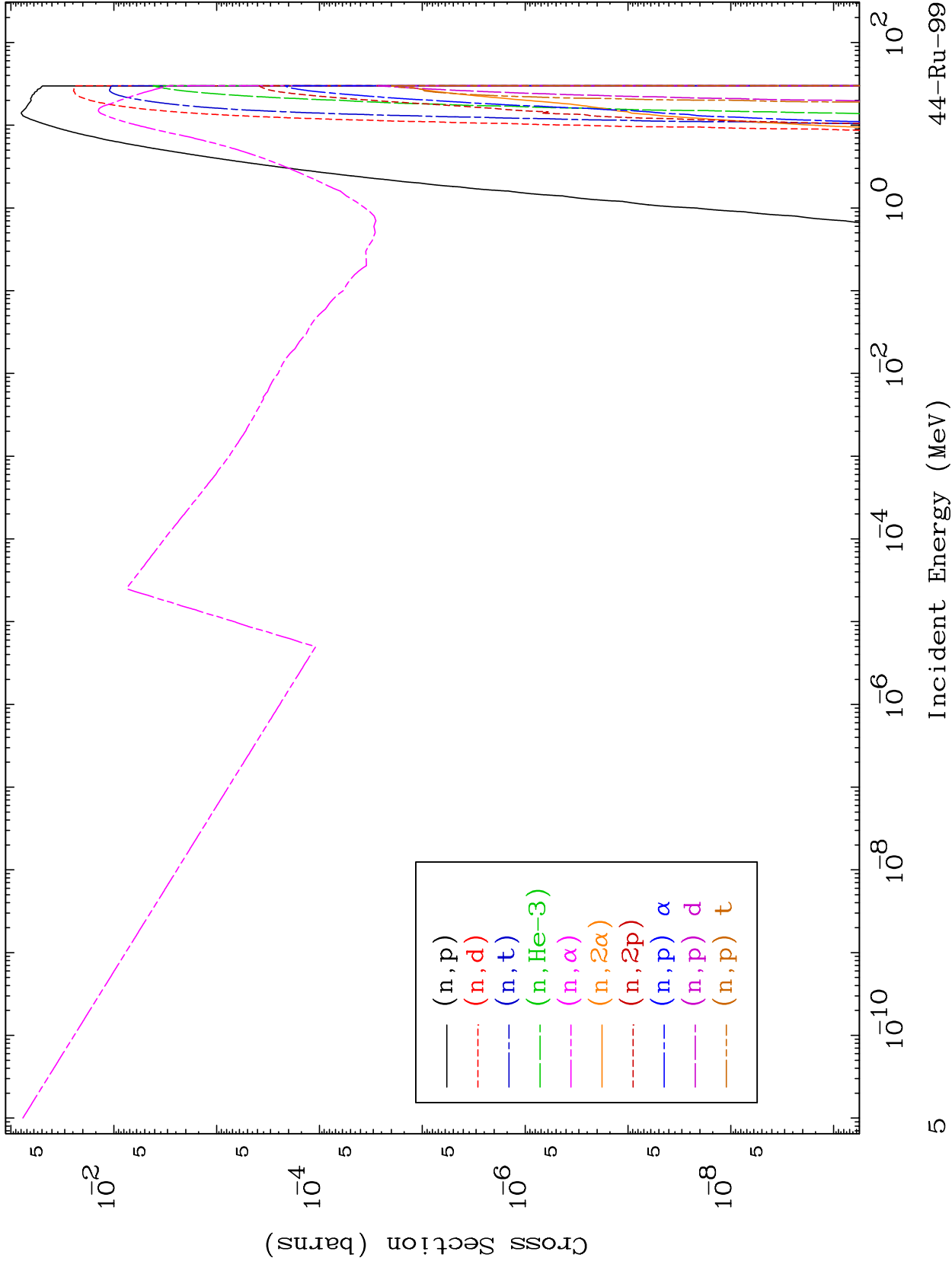




MAT 4434

Charged Particle
293 Kelvin Cross Sections

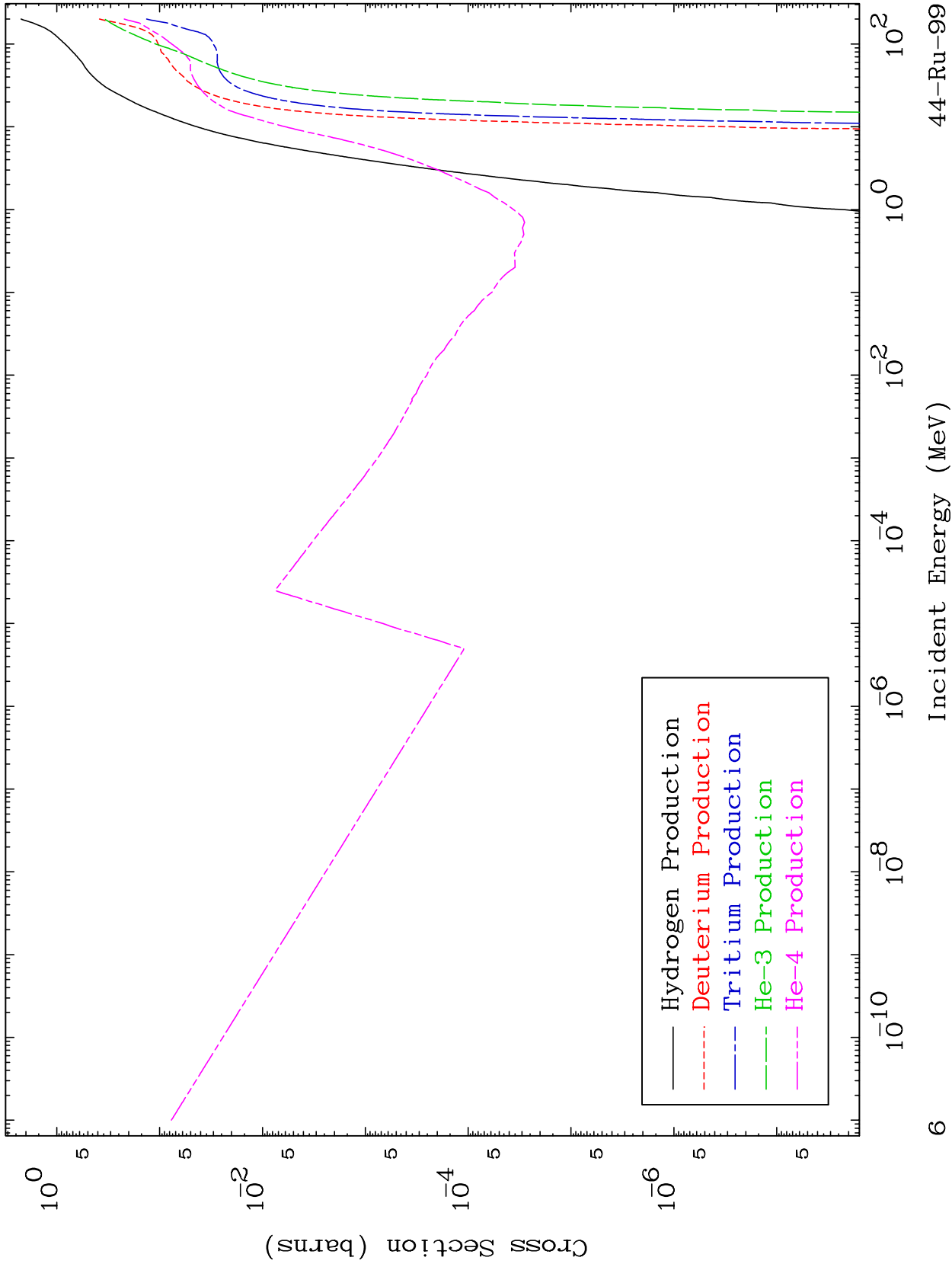
44-Ru-99



MAT 4434

Particle Production
293 Kelvin Cross Sections

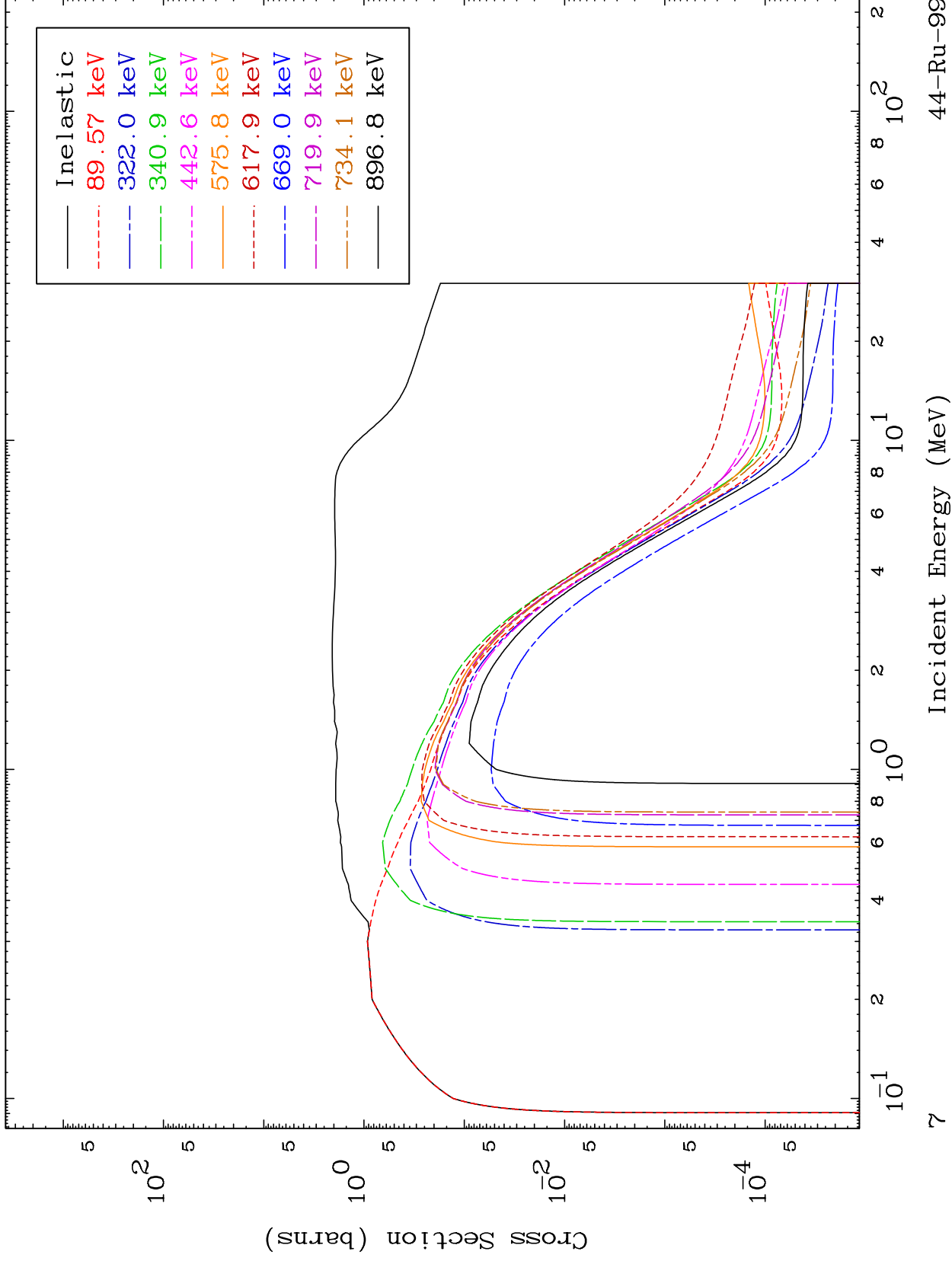
44-Ru-99



MAT 4434

(n,n') Level
293 Kelvin Cross Sections

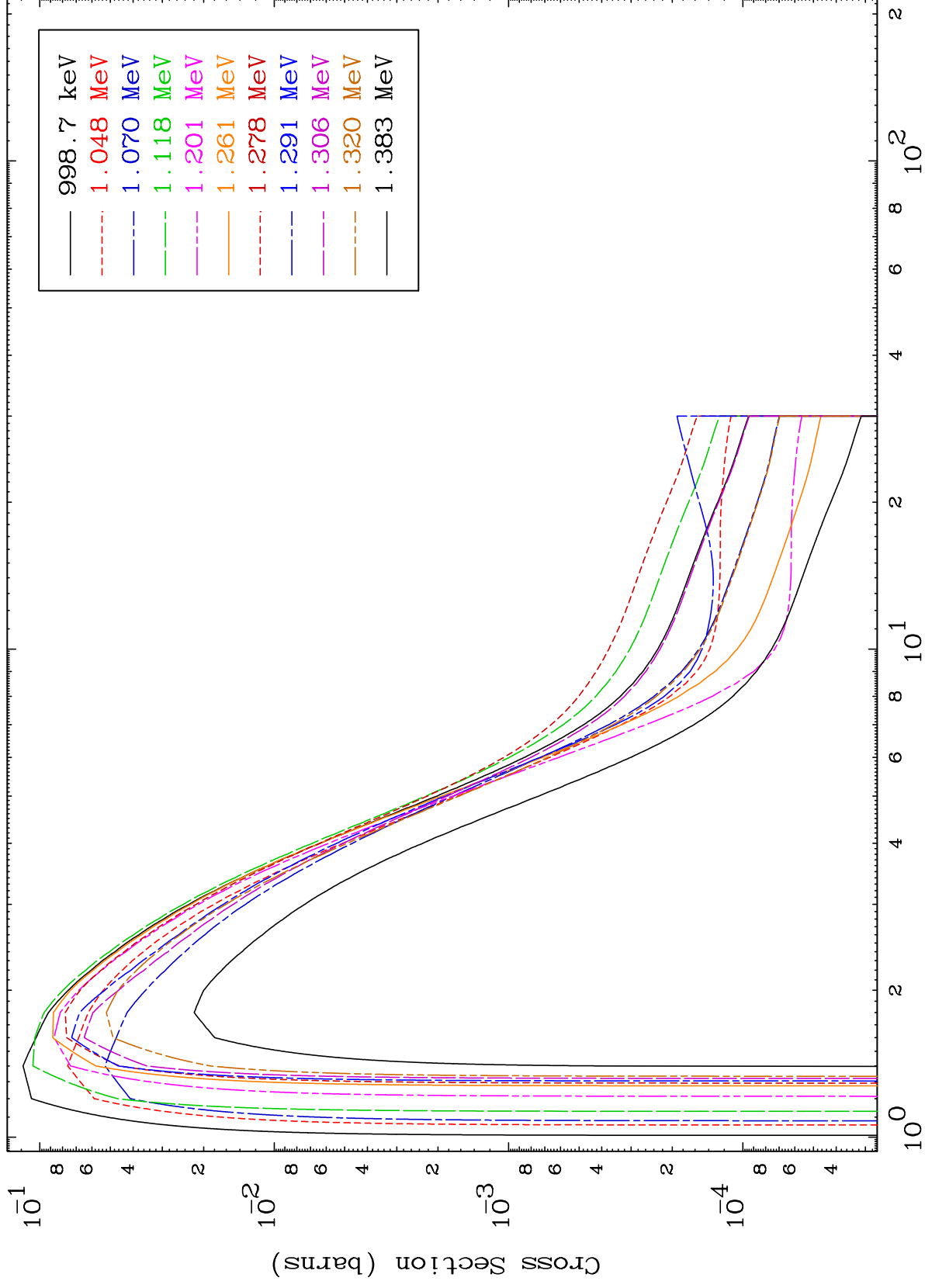
44-Ru-99



MAT 4434

(n,n') Level
293 Kelvin Cross Sections

44-Ru-99



Incident Energy (MeV)

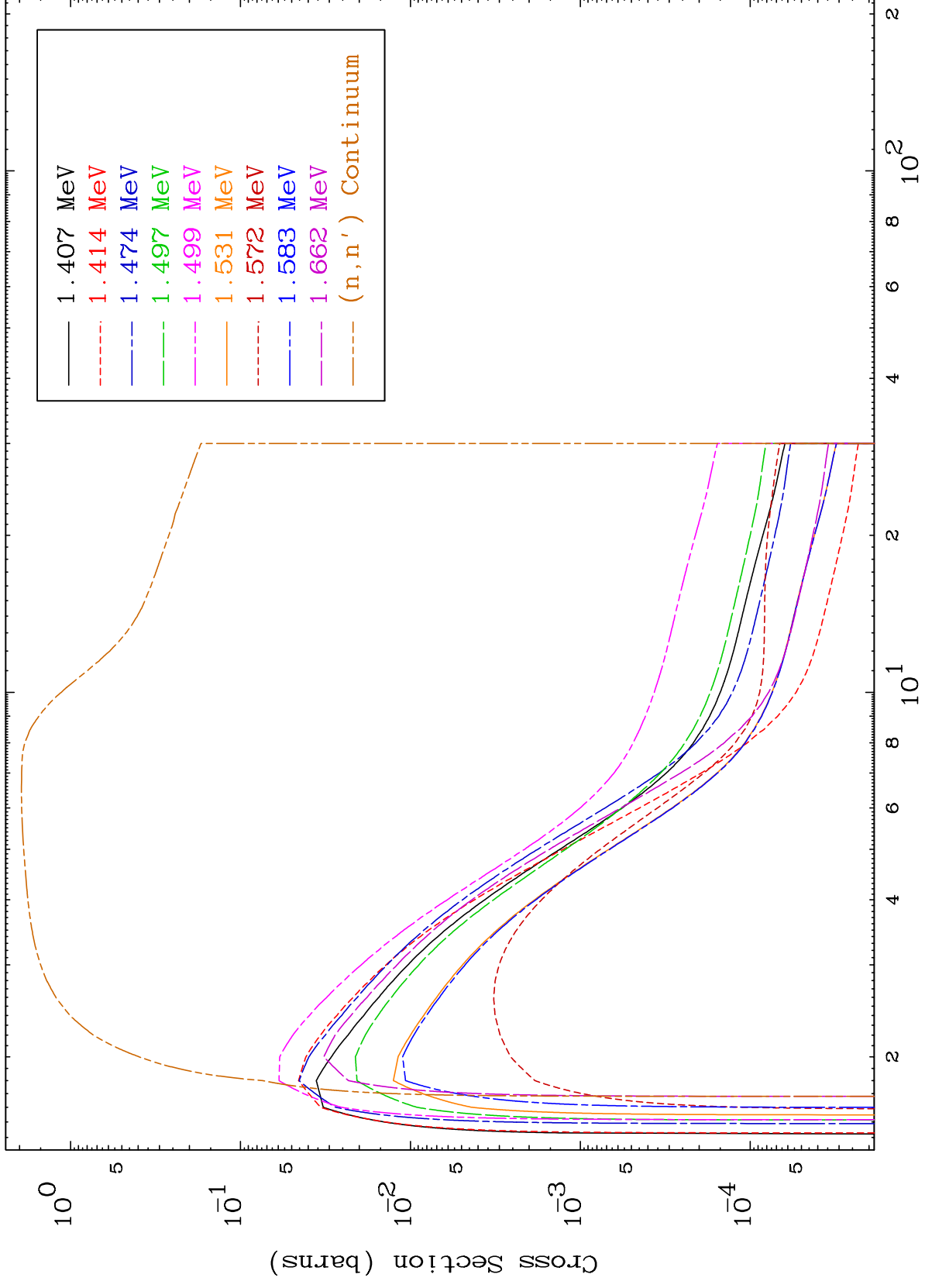
44-Ru-99

MAT 4434

(n,n') Level

44-Ru-99

293 Kelvin Cross Sections



9

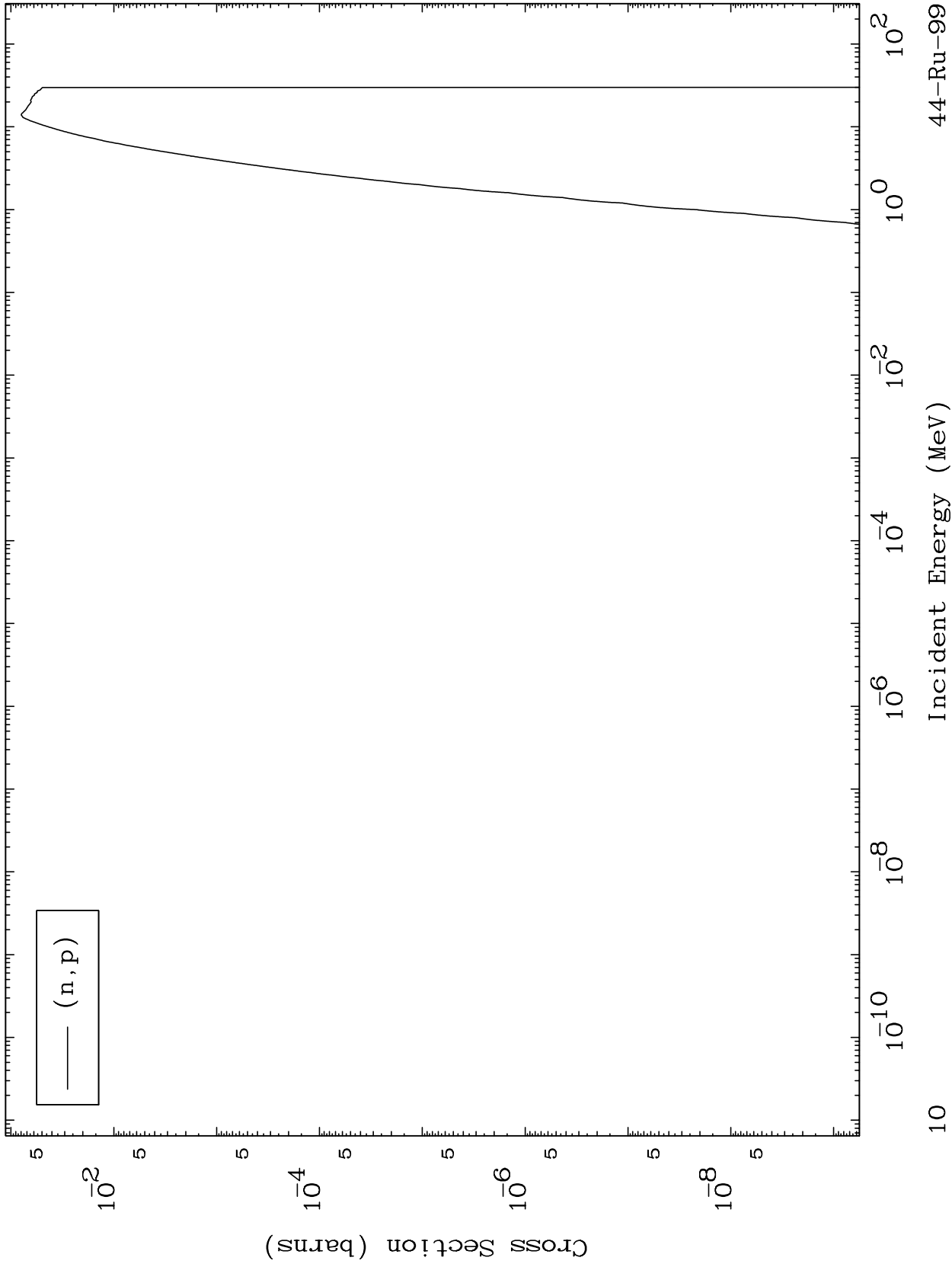
Incident Energy (MeV)

44-Ru-99

MAT 4434

(n,p) Levels
293 Kelvin Cross Sections

44-Ru-99



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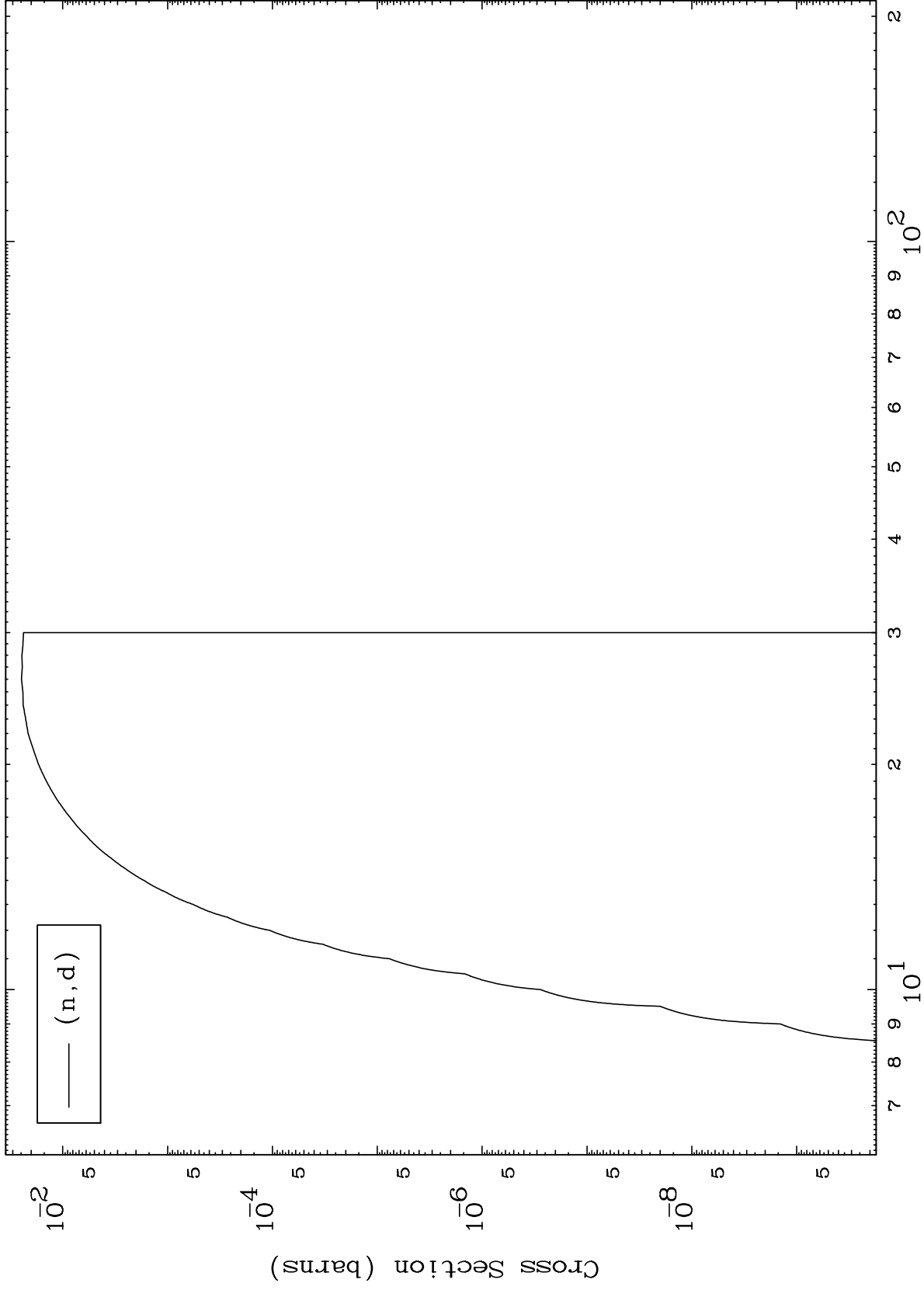
Incident Energy (MeV)

44-Ru-99

MAT 4434

(n,d) Levels
293 Kelvin Cross Sections

44-Ru-99



11

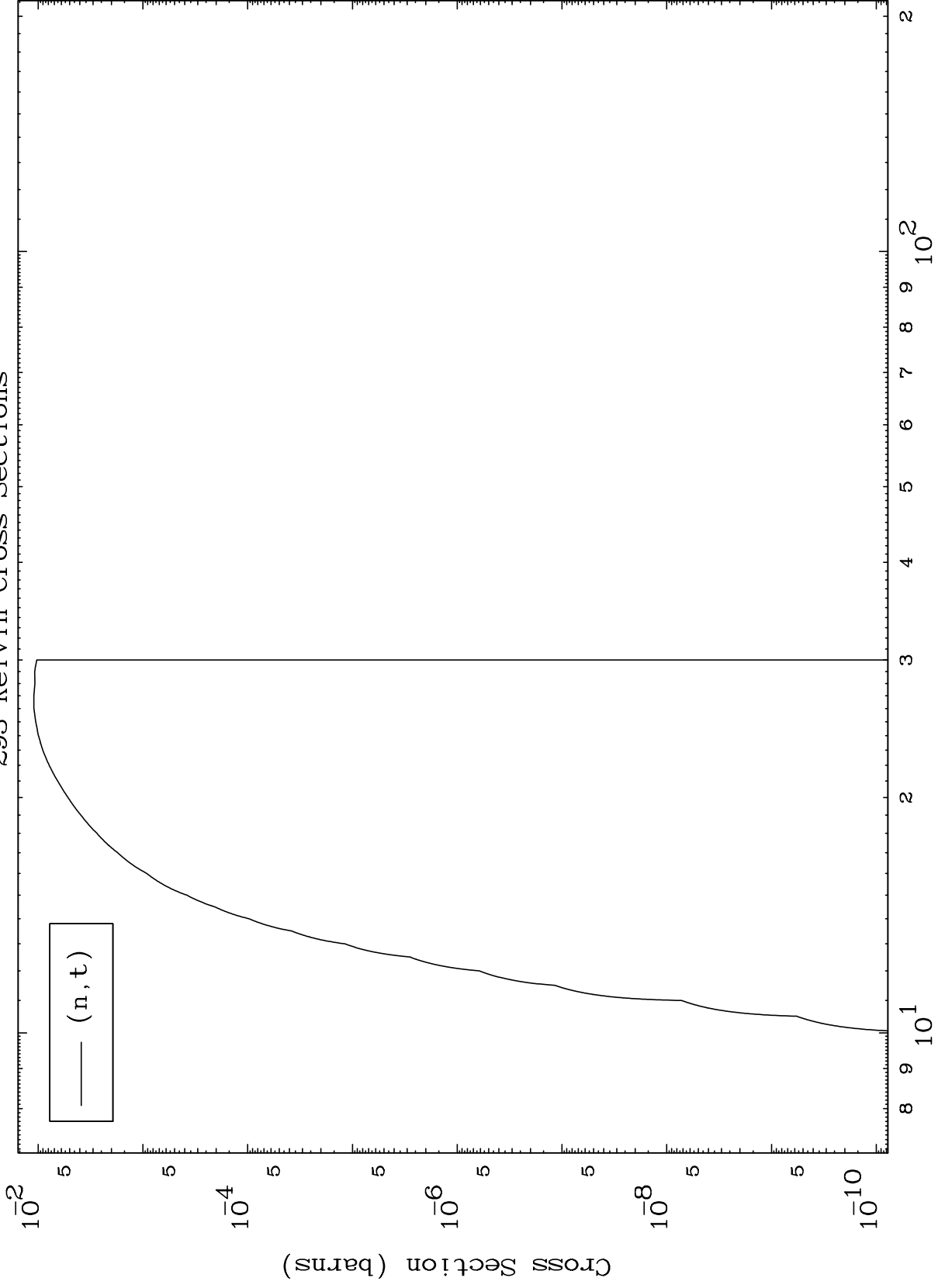
Incident Energy (MeV)

44-Ru-99

MAT 4434

(n,t) Levels
293 Kelvin Cross Sections

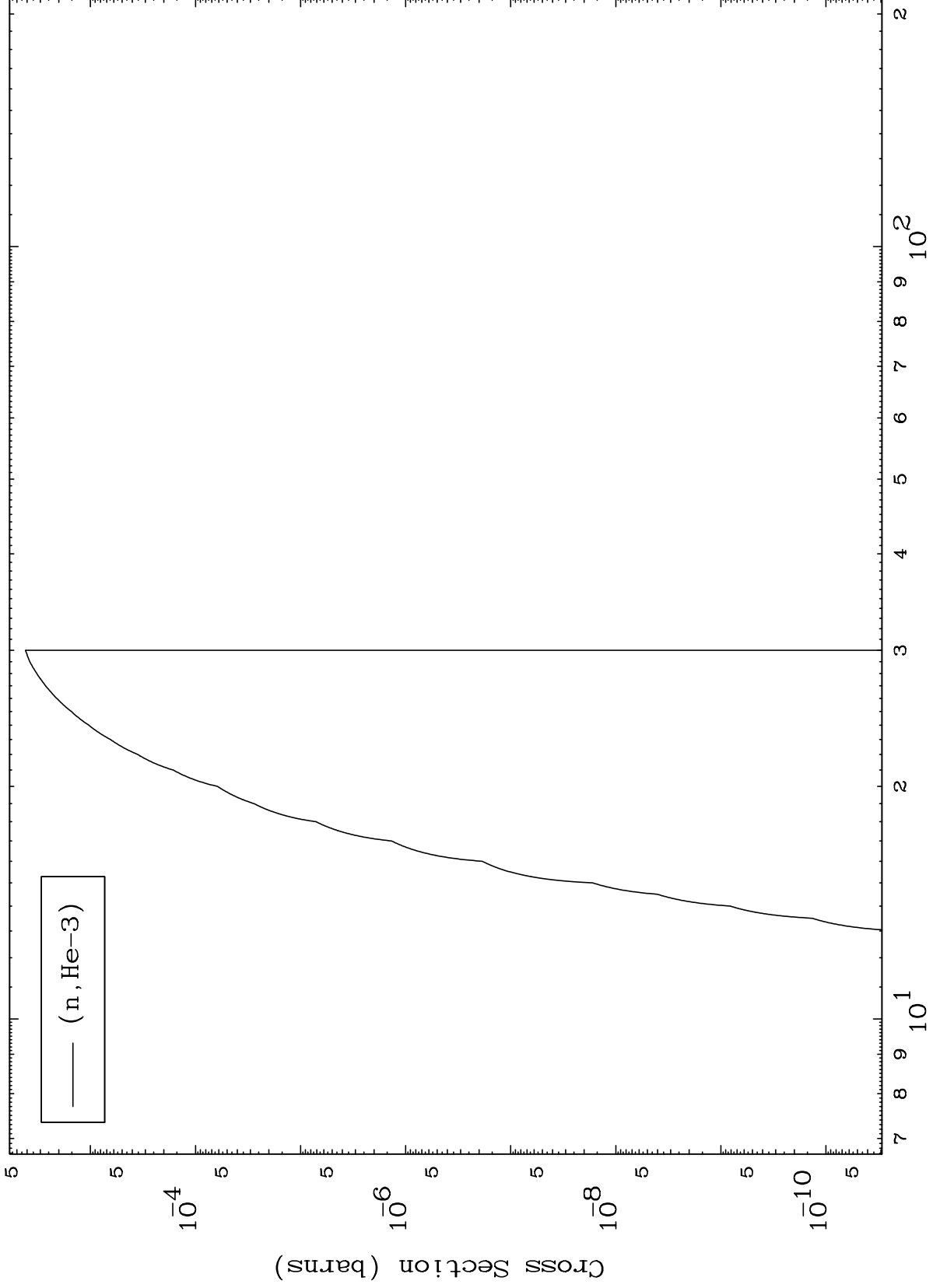
44-Ru-99



MAT 4434

(n,He3) Levels
293 Kelvin Cross Sections

44-Ru-99



13

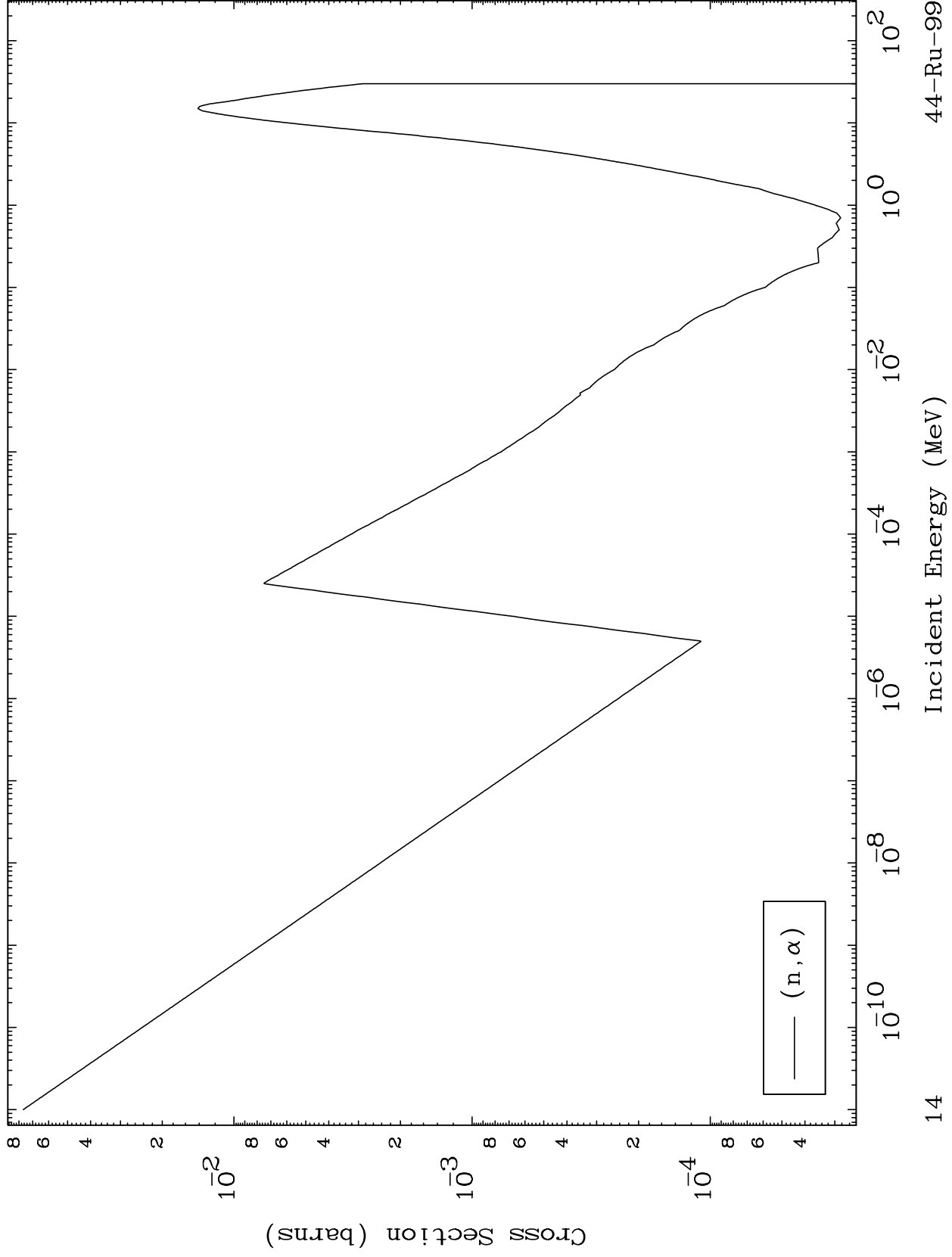
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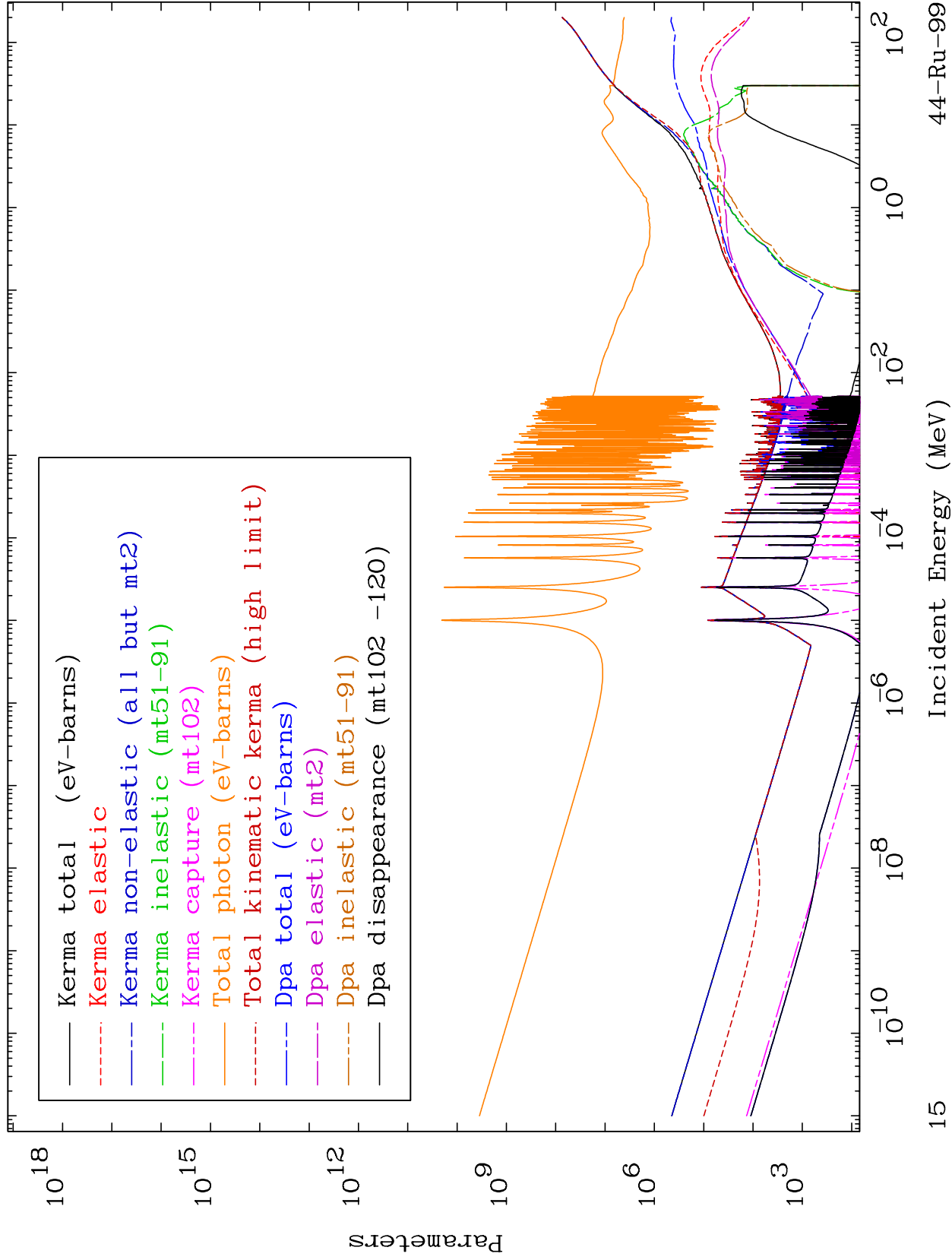
44-Ru-99

MAT 4434

(n,α) Levels
293 Kelvin Cross Sections

44-Ru-99

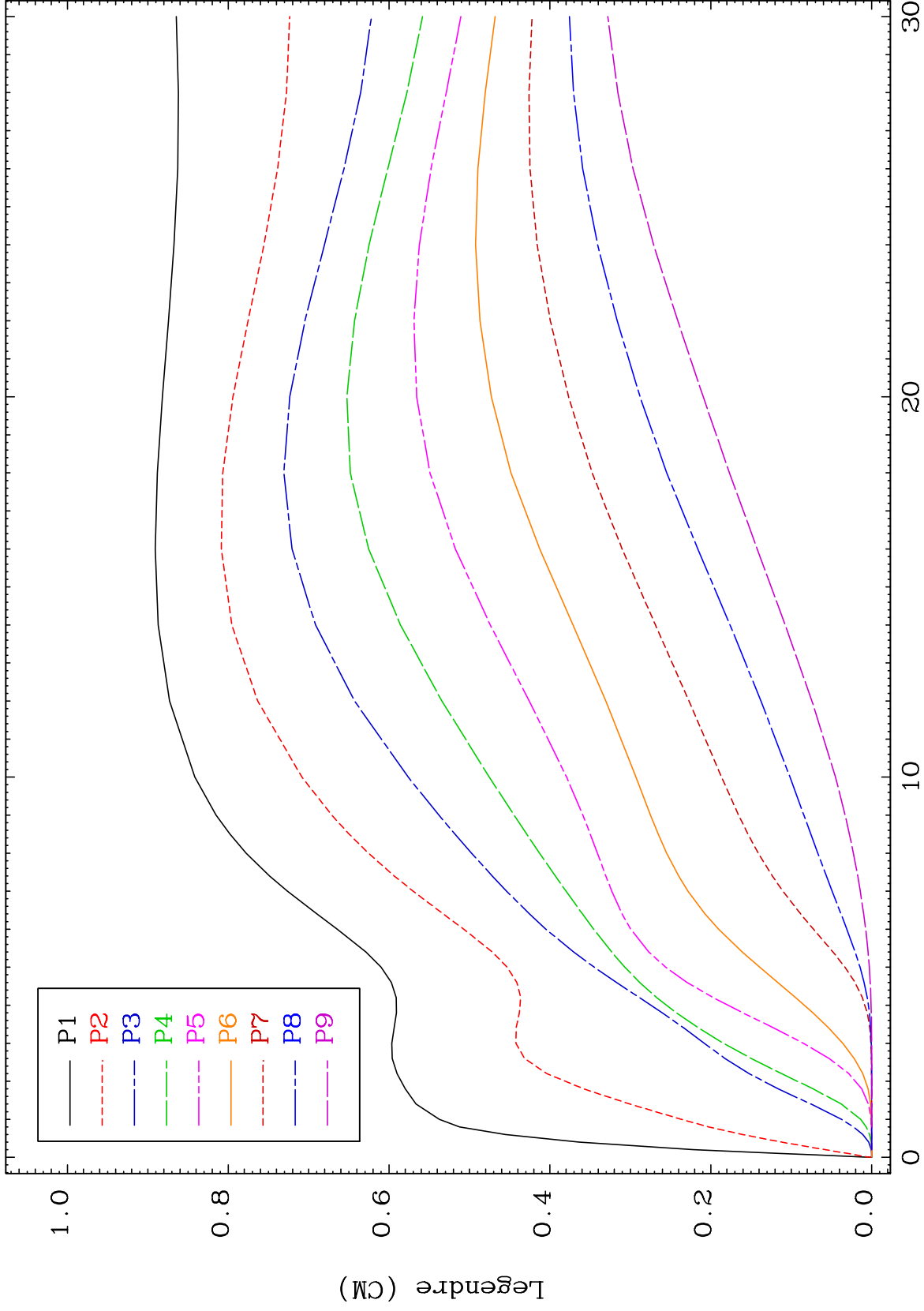




MAT 4434

Elastic Legendre Coefficients

44-Ru-99



16

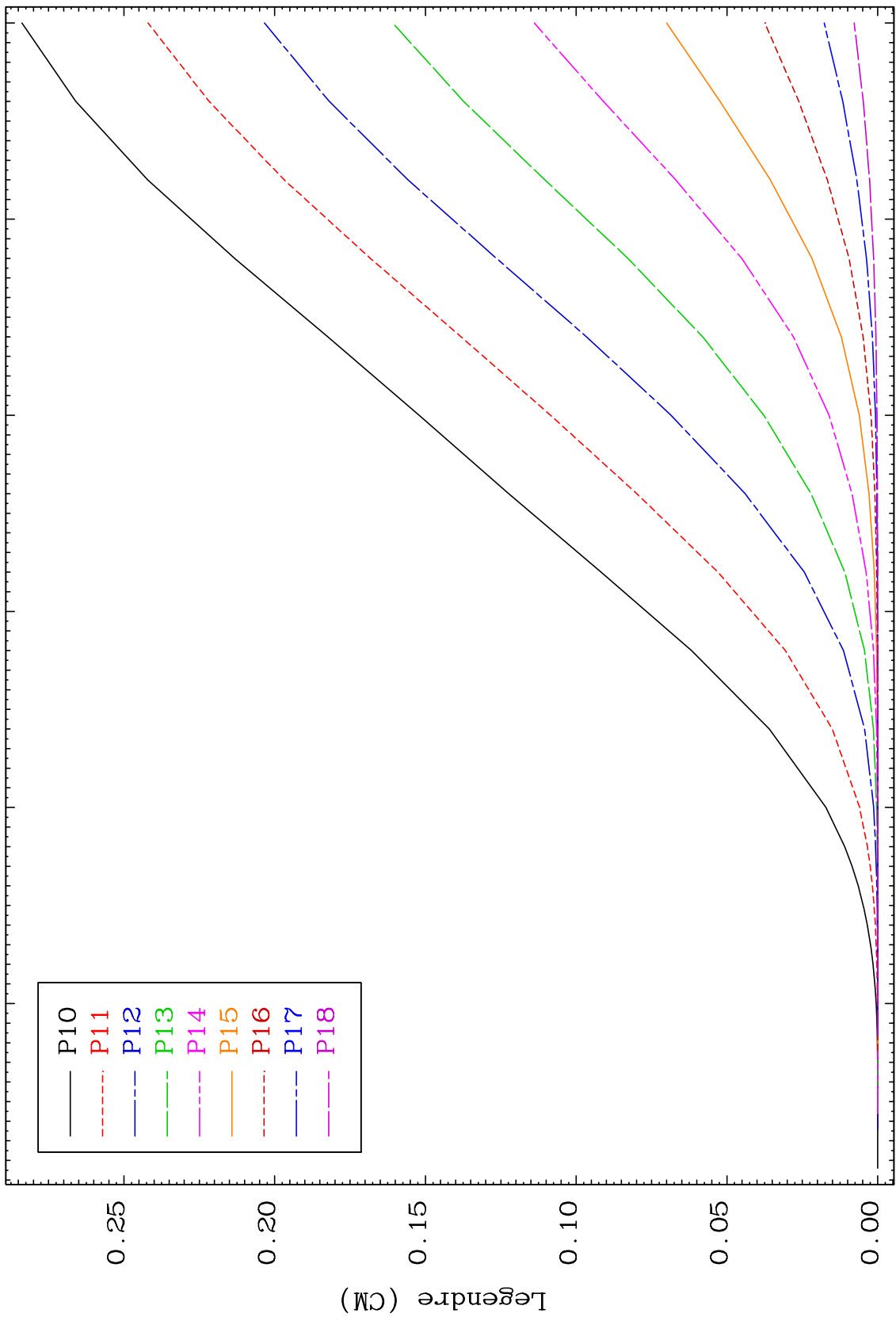
Incident Energy (MeV)

44-Ru-99

MAT 4434

Elastic Legendre Coefficients

44-Ru-99



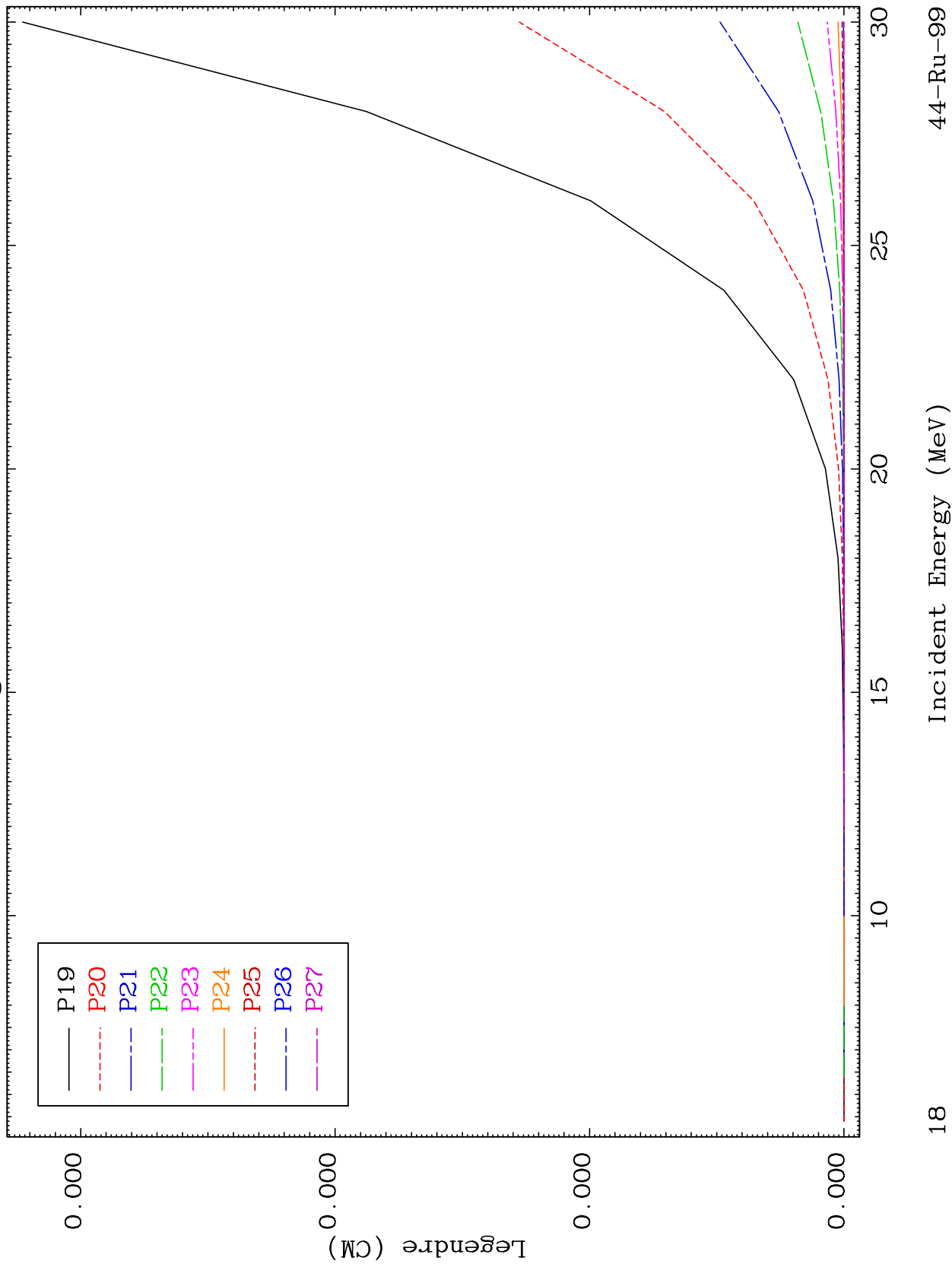
17

44-Ru-99

MAT 4434

Elastic Legendre Coefficients

44-Ru-99



18

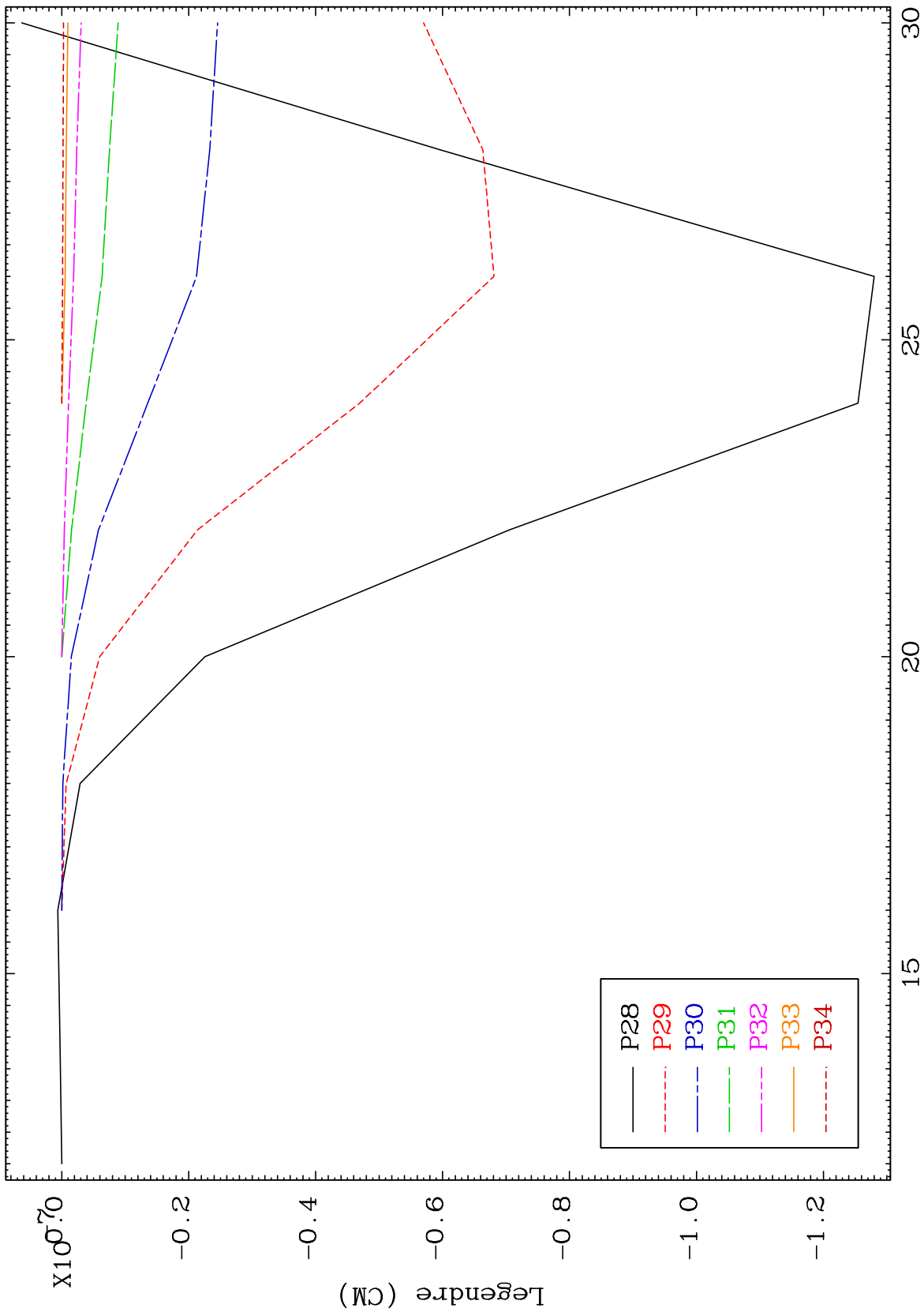
Incident Energy (MeV)

44-Ru-99

MAT 4434

44-Ru-99

Elastic Legendre Coefficients



19

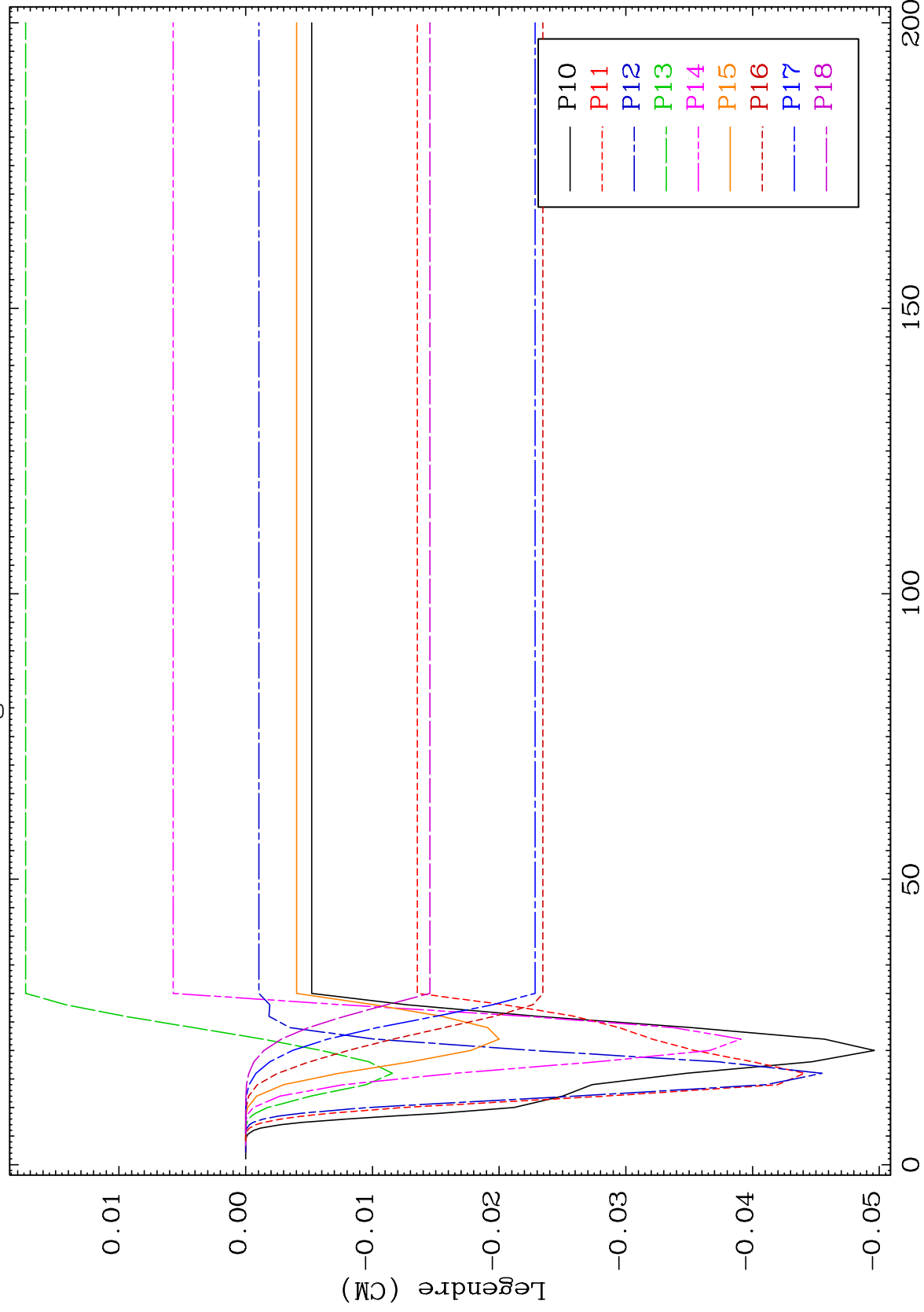
Incident Energy (MeV)

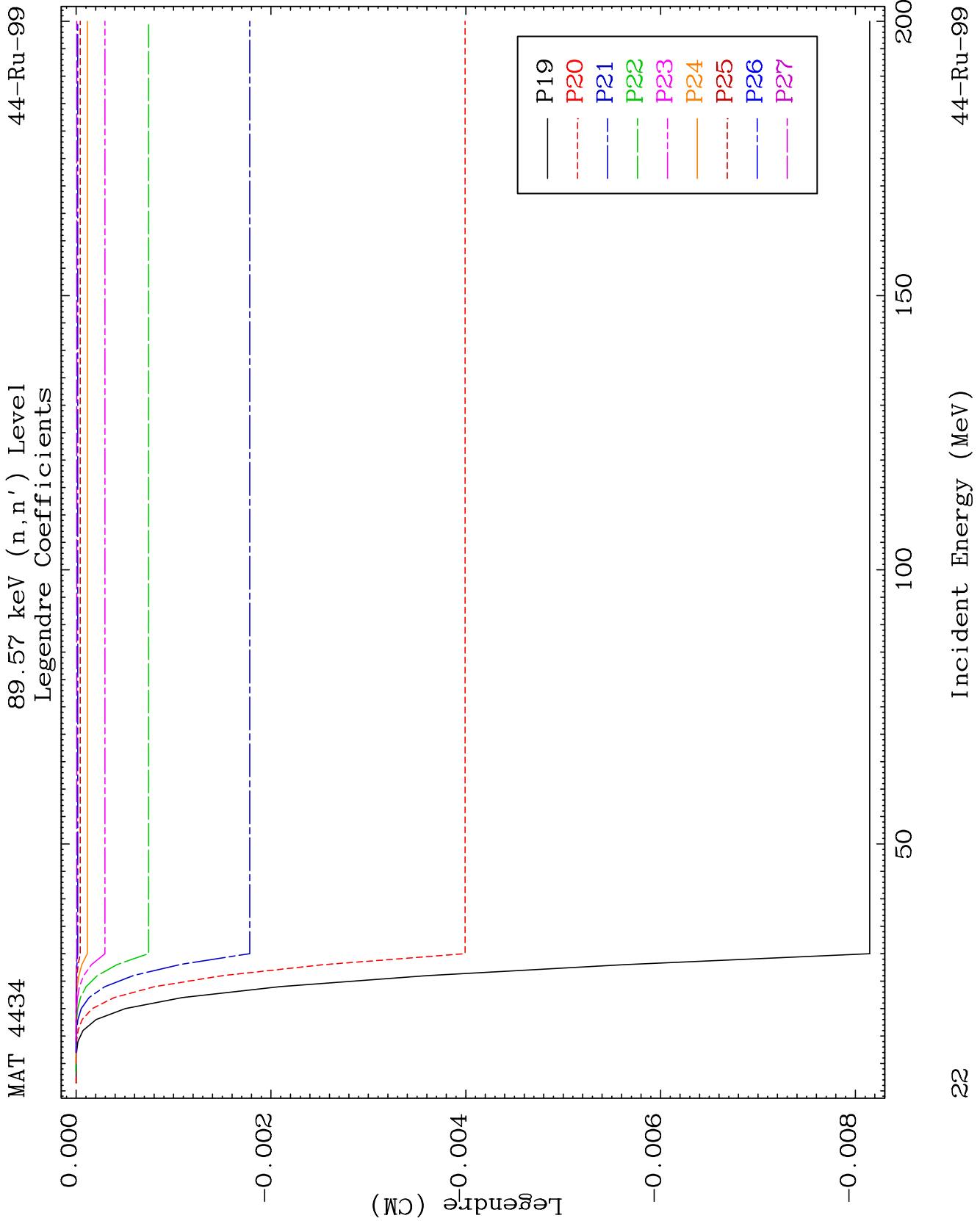
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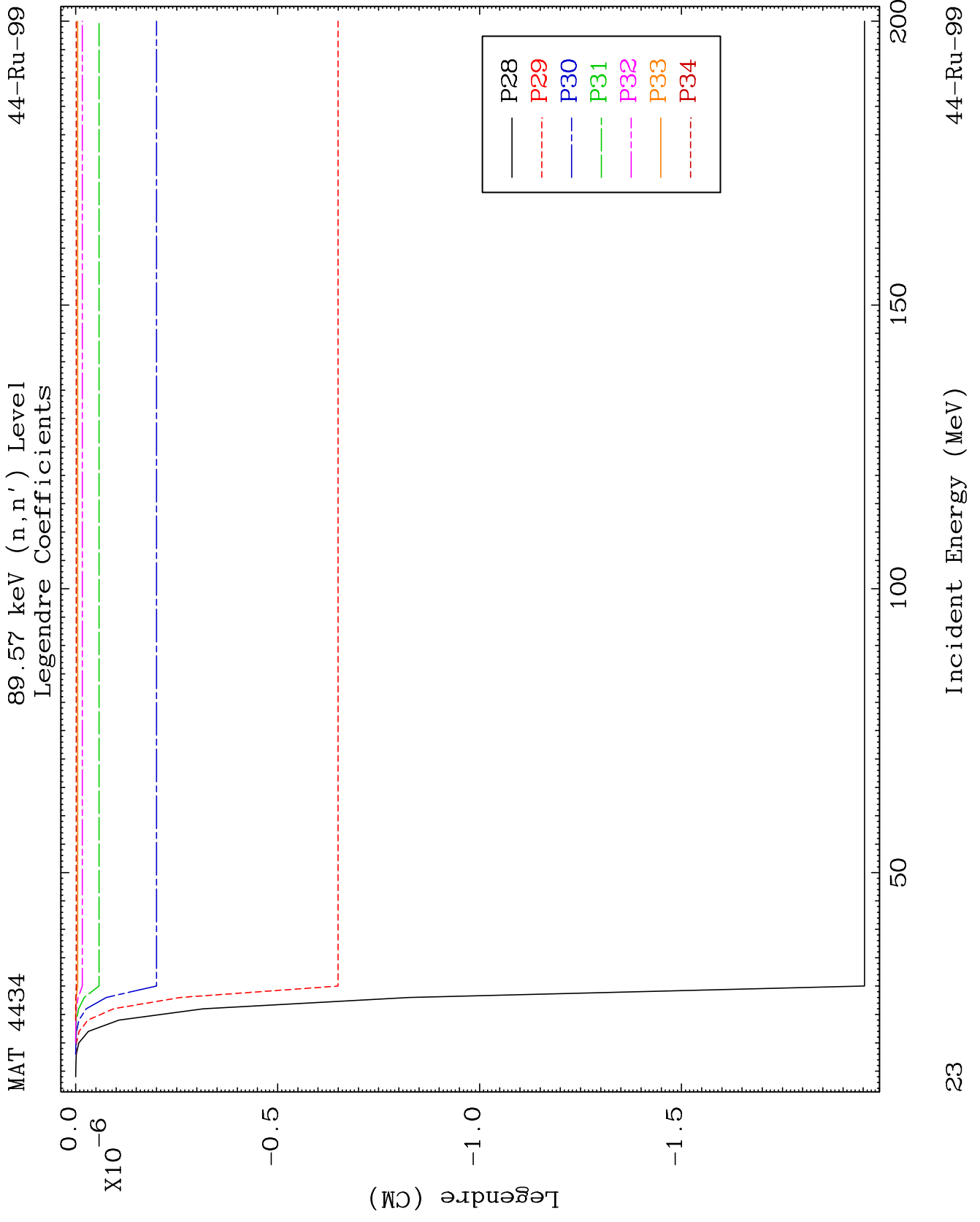
MAT 4434

89.57 keV (n,n') Level
Legendre Coefficients

44-Ru-99



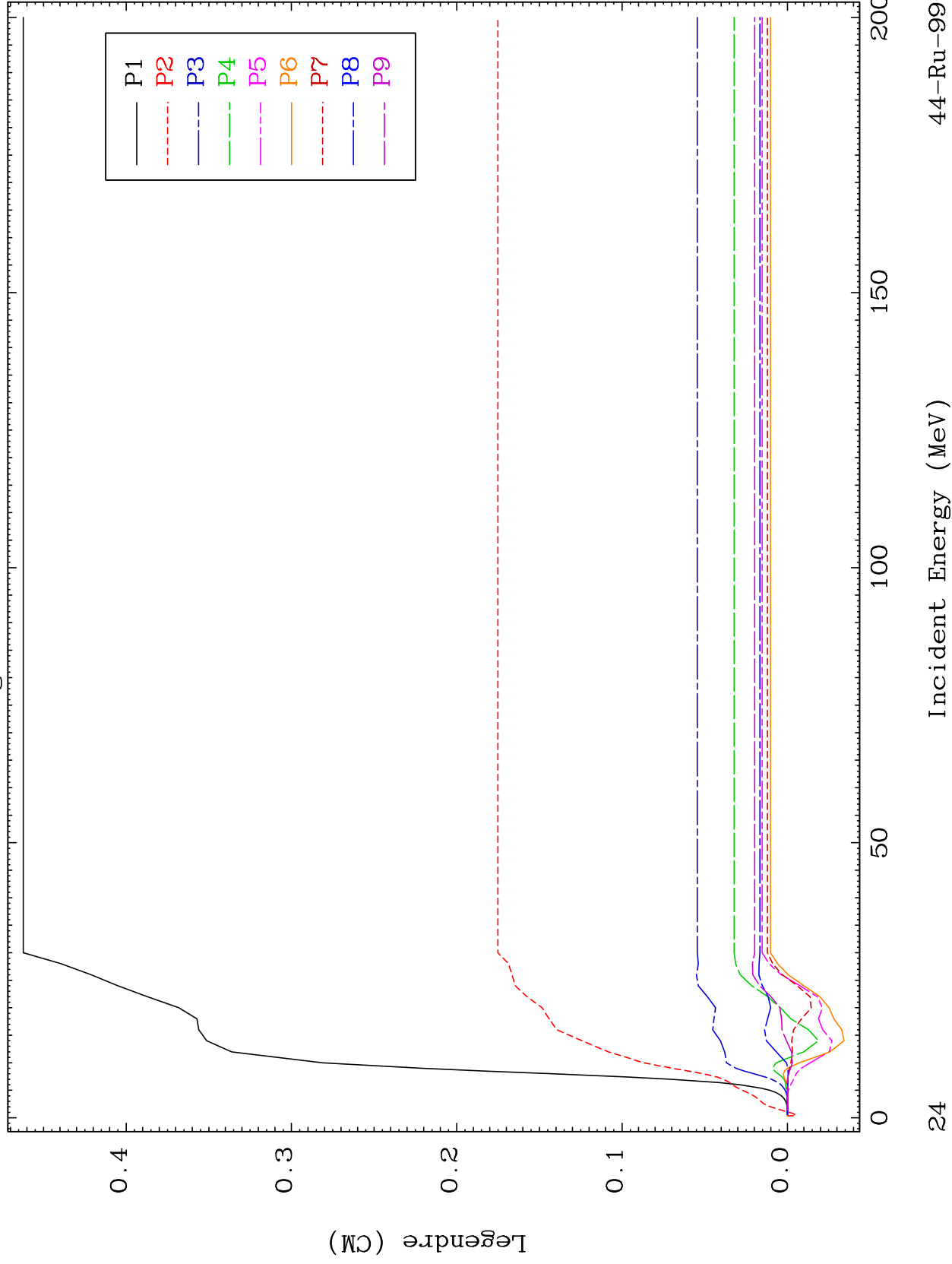




MAT 4434

322.0 keV (n,n') Level
Legendre Coefficients

44-Ru-99



44-Ru-99

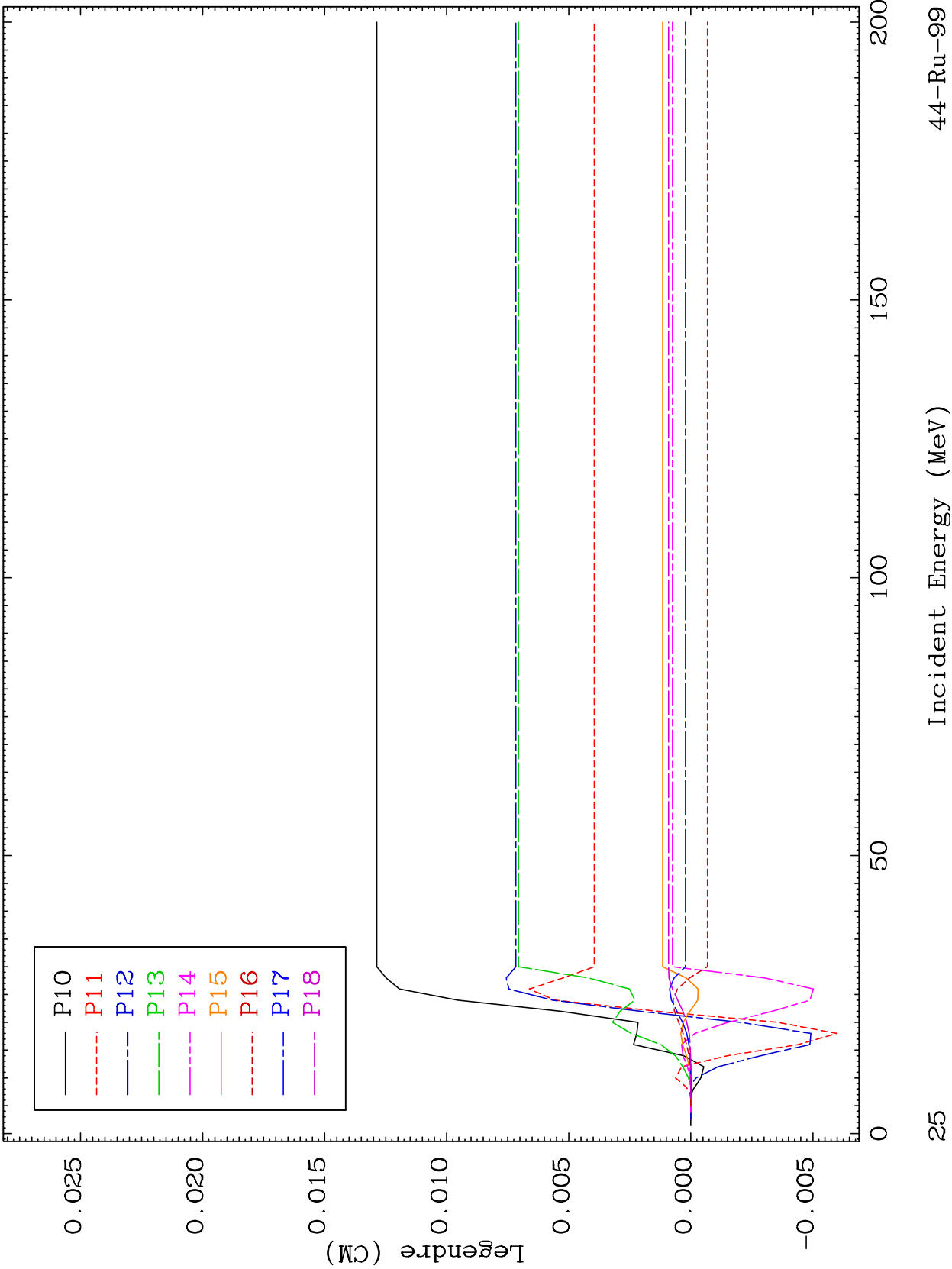
Incident Energy (MeV)

24

MAT 4434

322.0 keV (n,n') Level
Legendre Coefficients

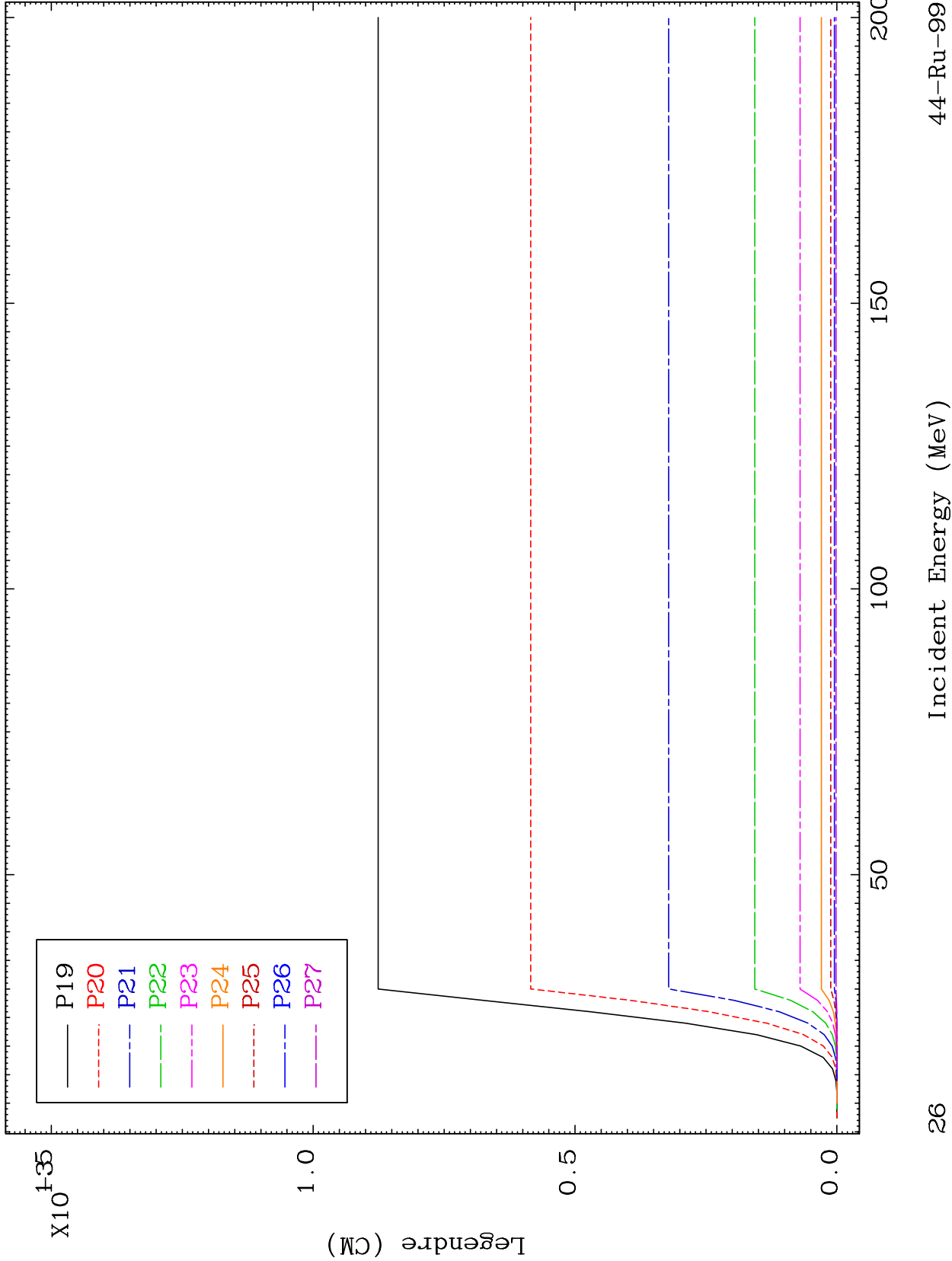
44-Ru-99



44-Ru-99

Incident Energy (MeV)

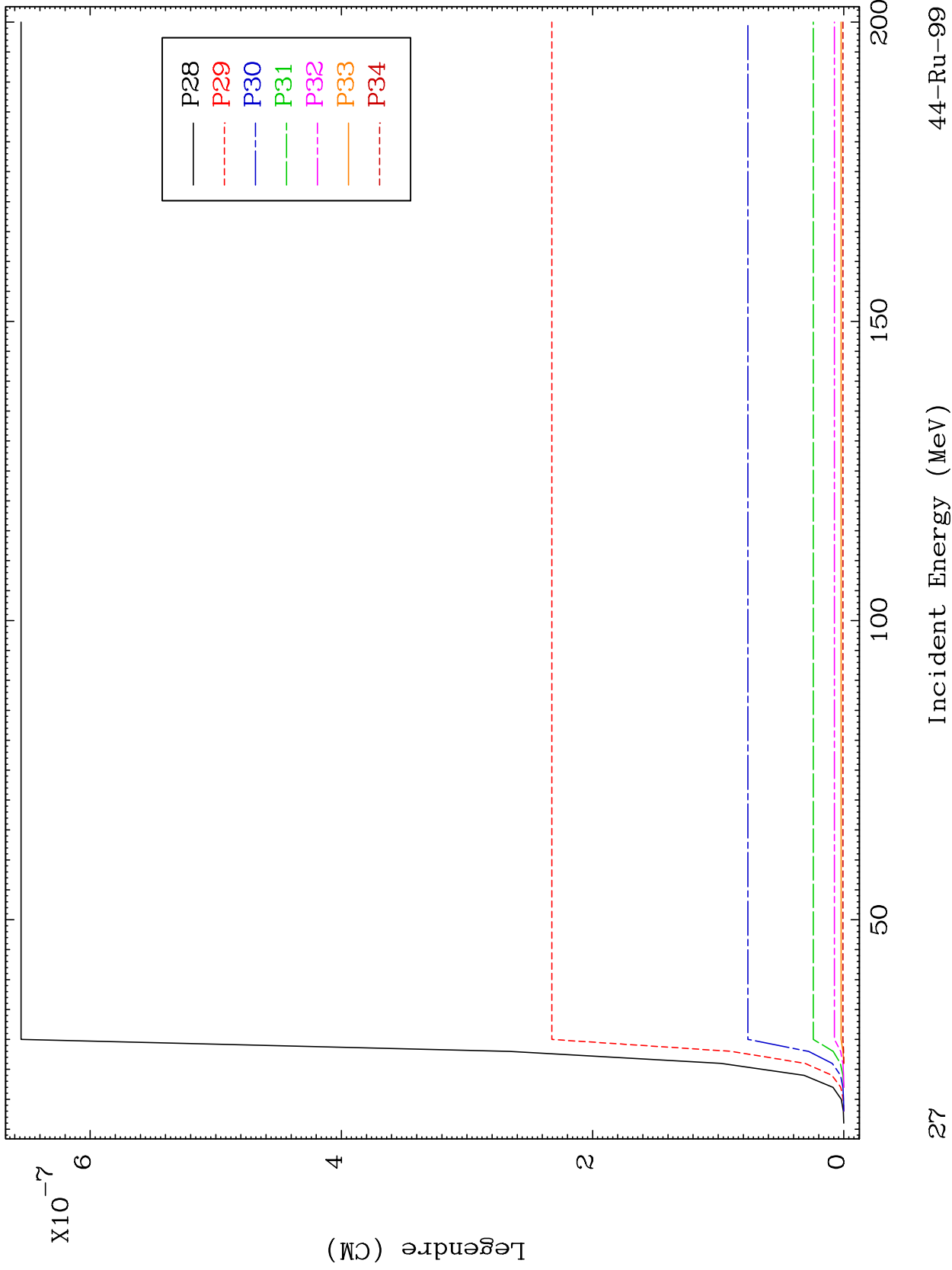
25



MAT 4434

322.0 keV (n,n') Level
Legendre Coefficients

44-Ru-99



27

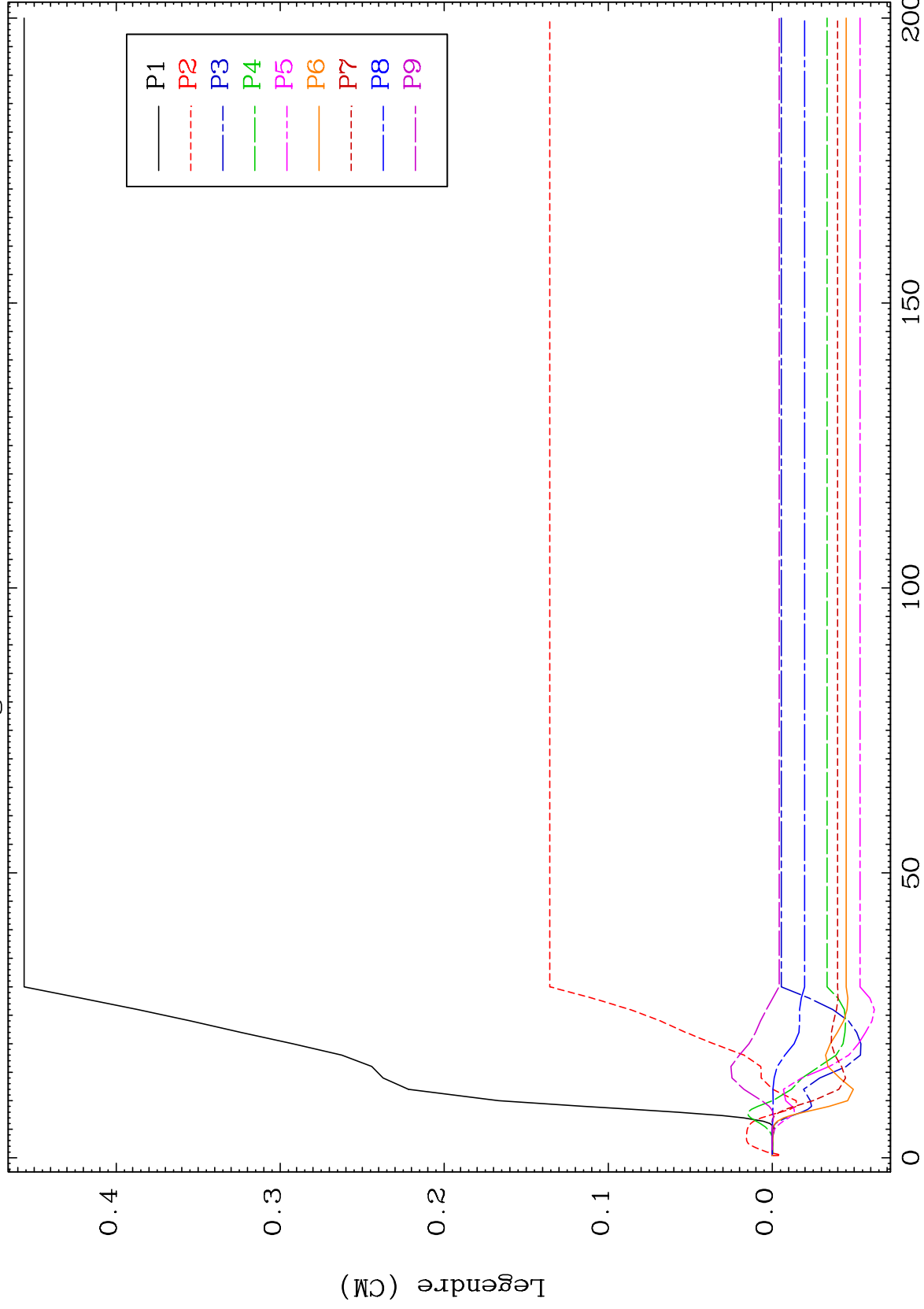
Incident Energy (MeV)

44-Ru-99

MAT 4434

340.9 keV (n,n') Level
Legendre Coefficients

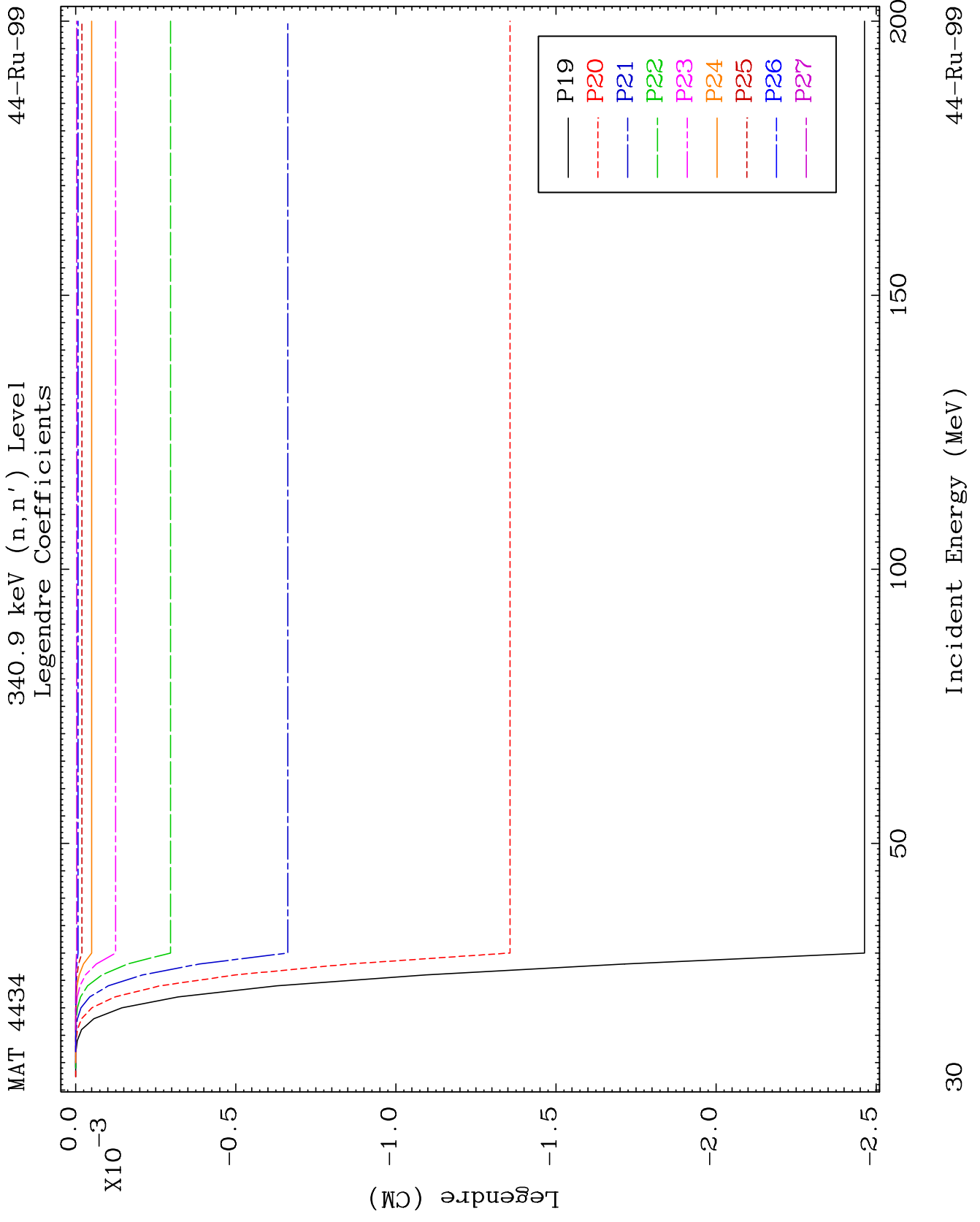
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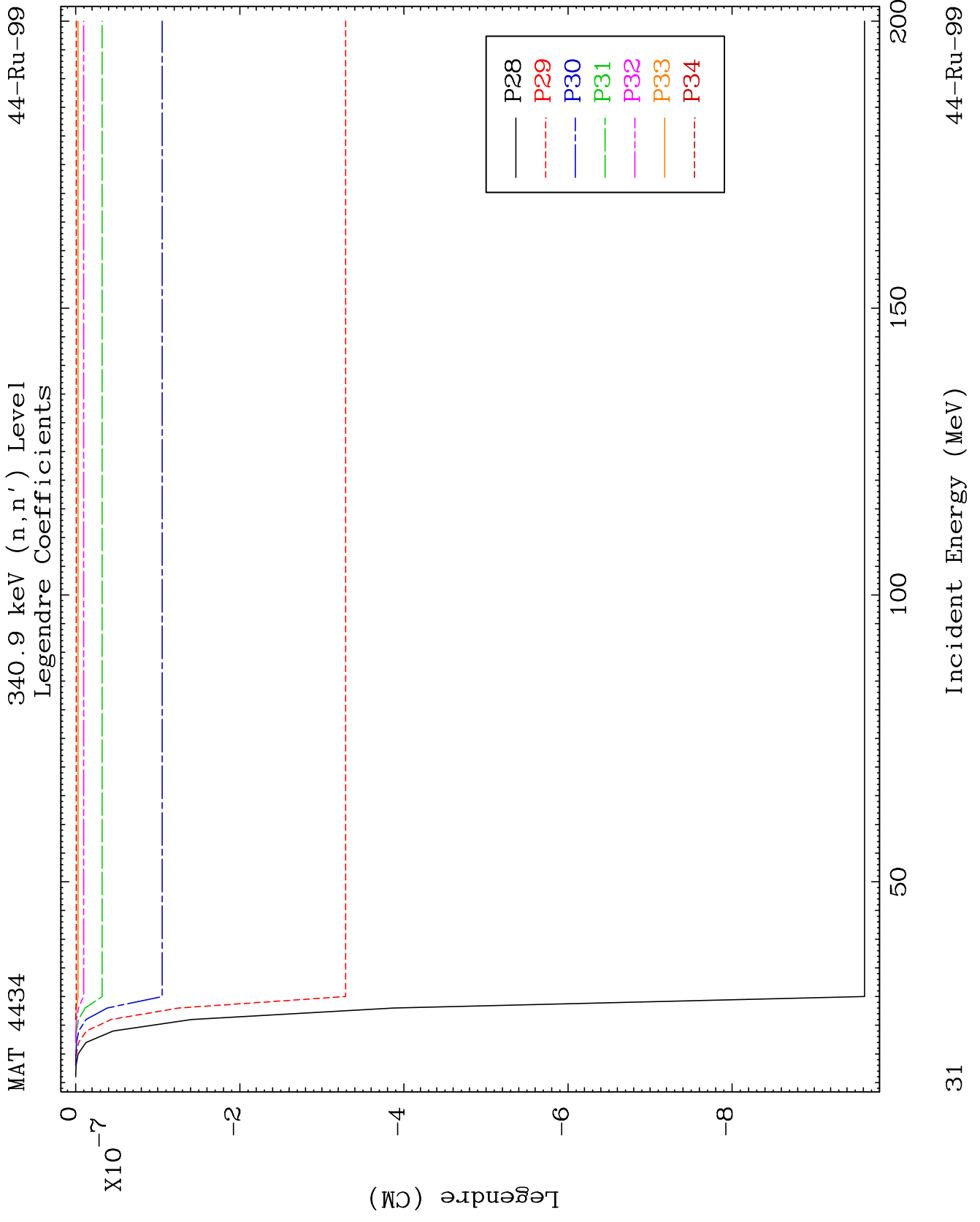


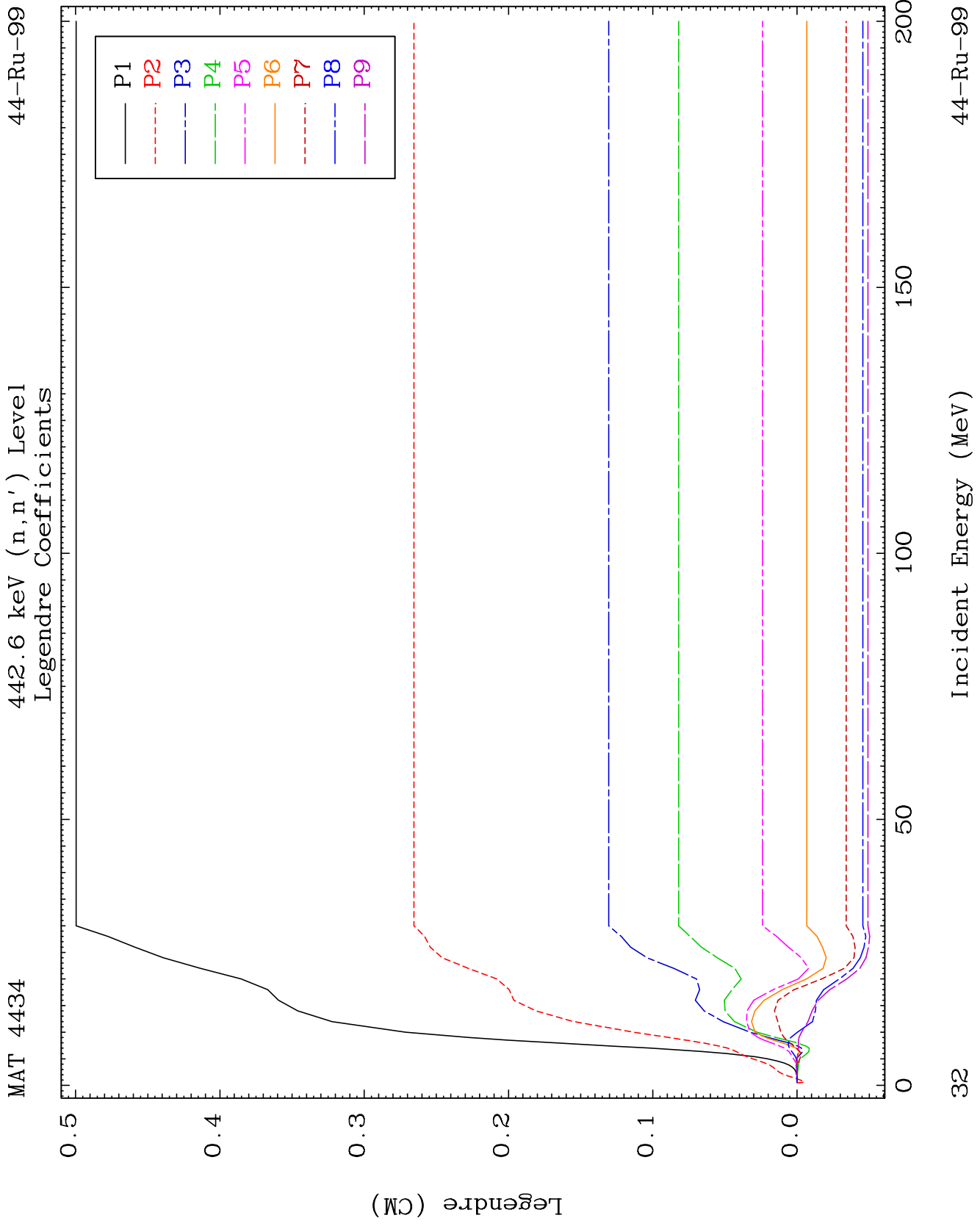
28

Incident Energy (MeV)

44-Ru-99



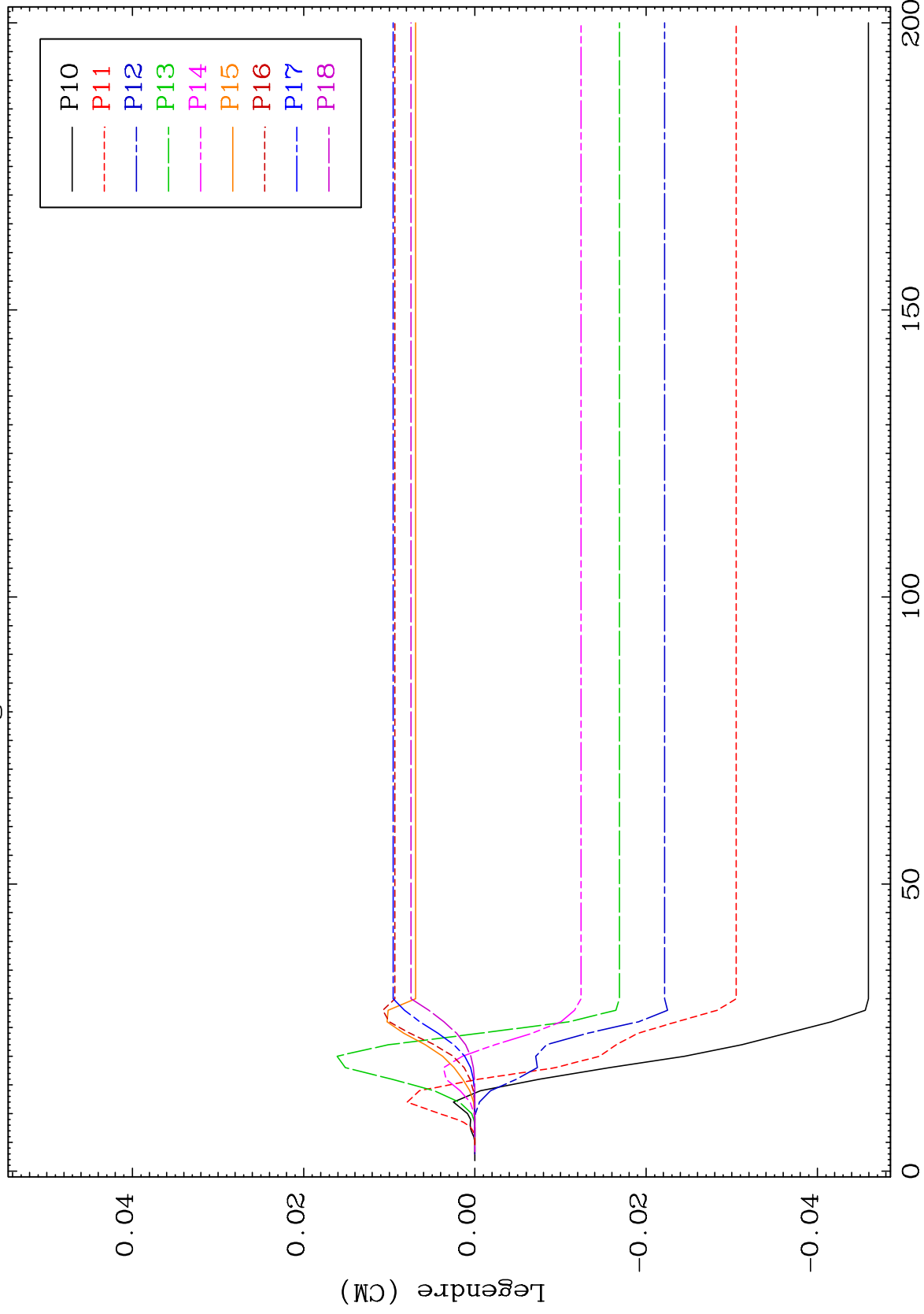




MAT 4434

442.6 keV (n,n') Level
Legendre Coefficients

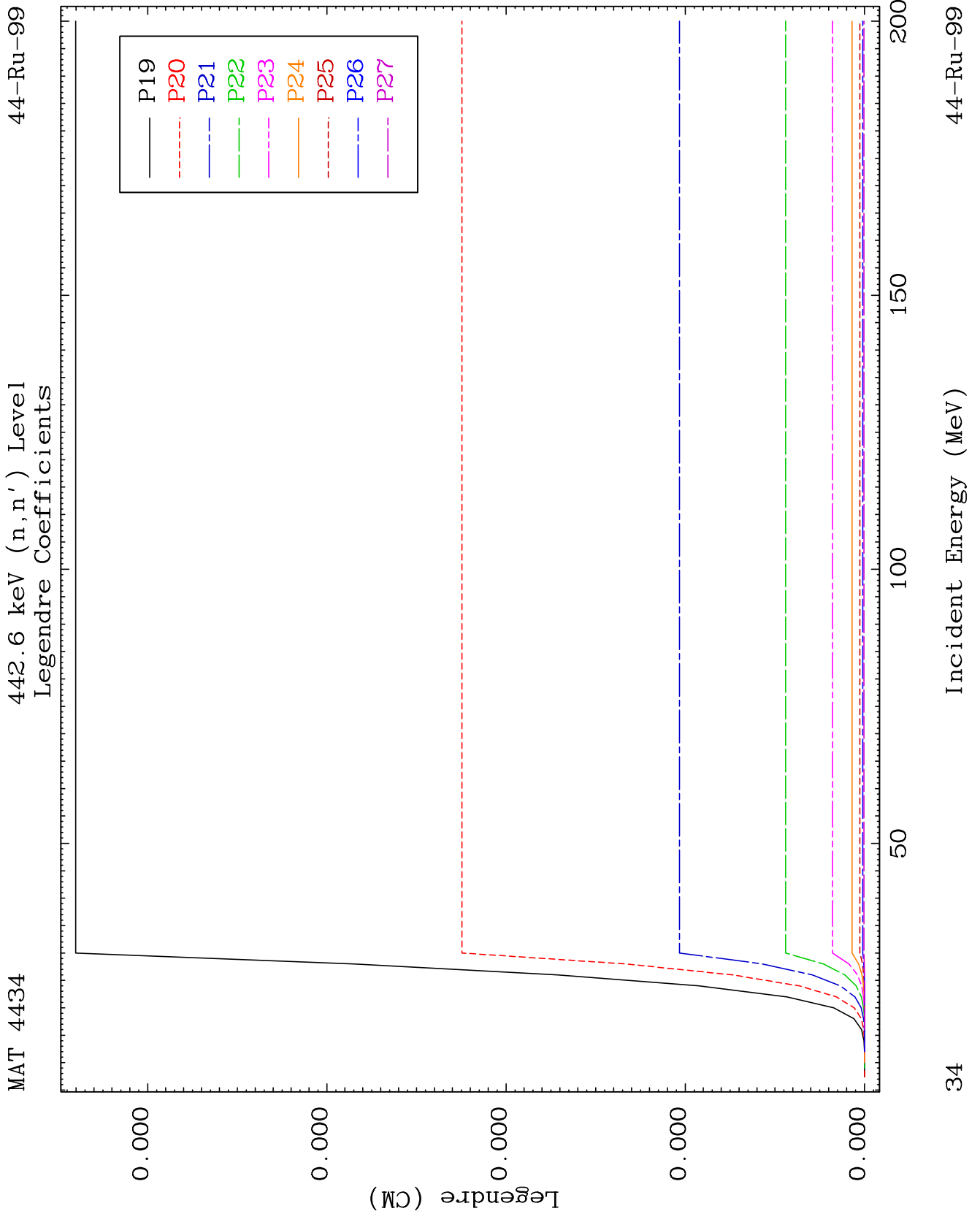
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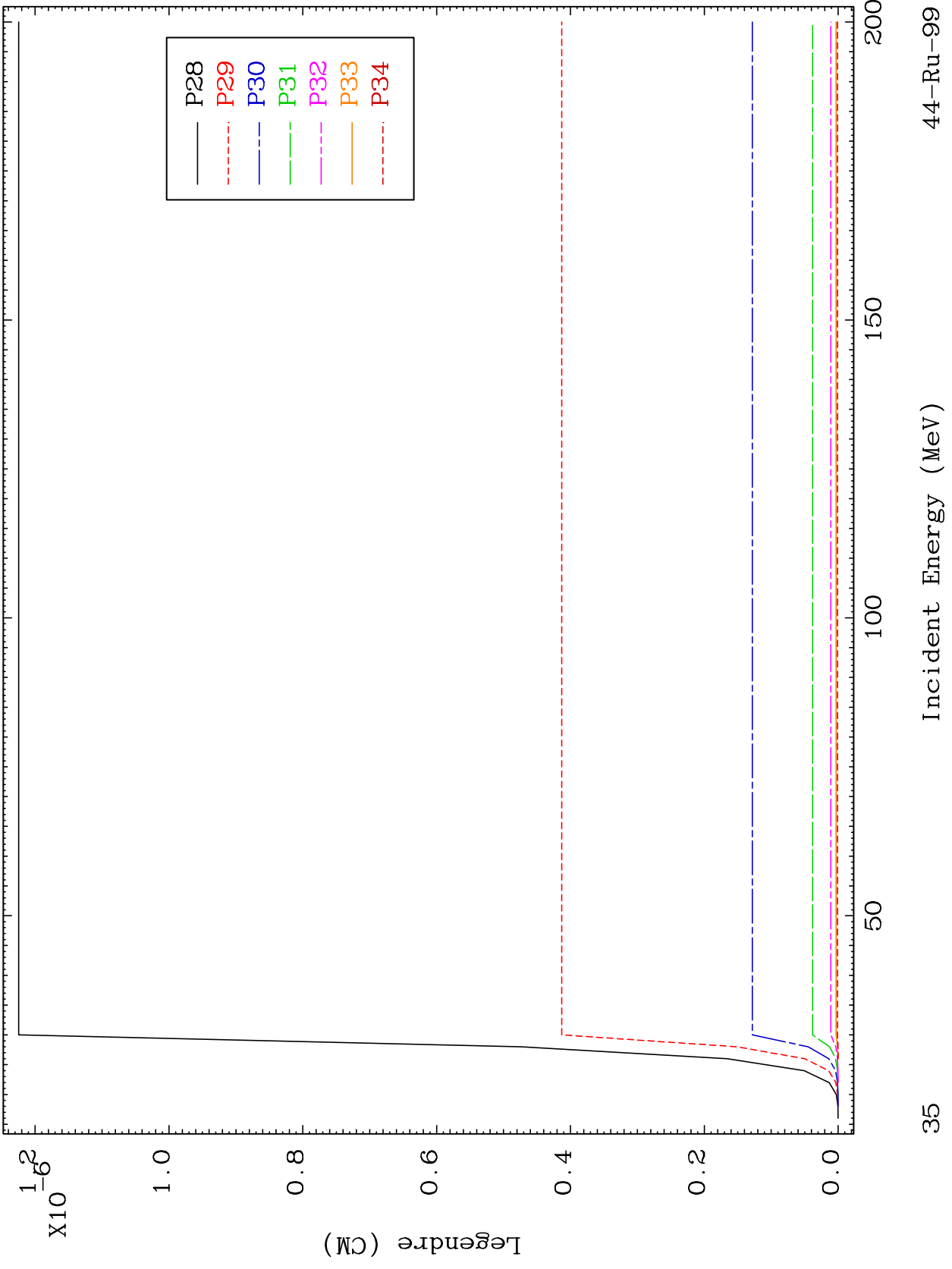
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Incident Energy (MeV)

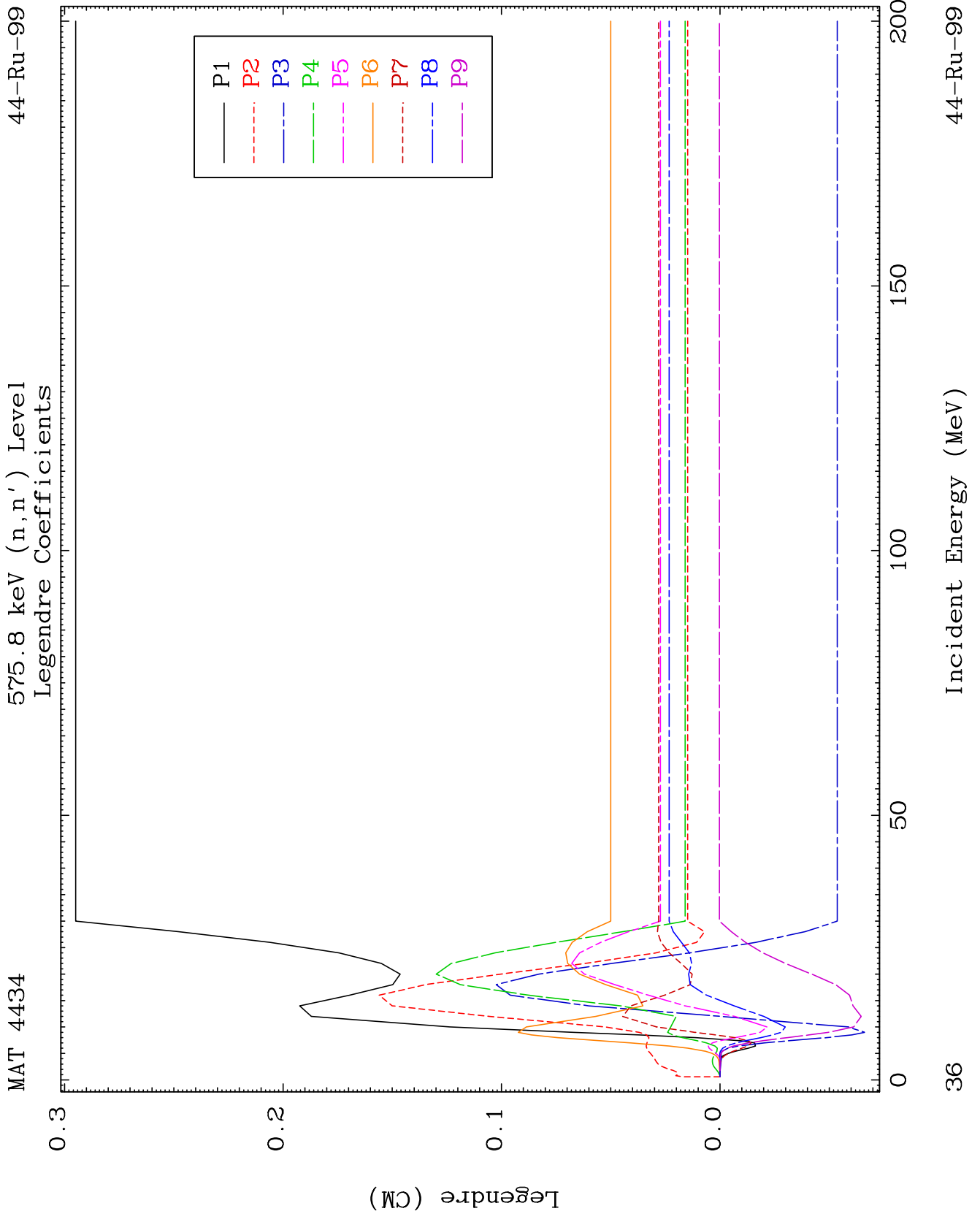
44-Ru-99



MAT 4434 442.6 keV (n,n') Level Legendre Coefficients 44-Ru-99



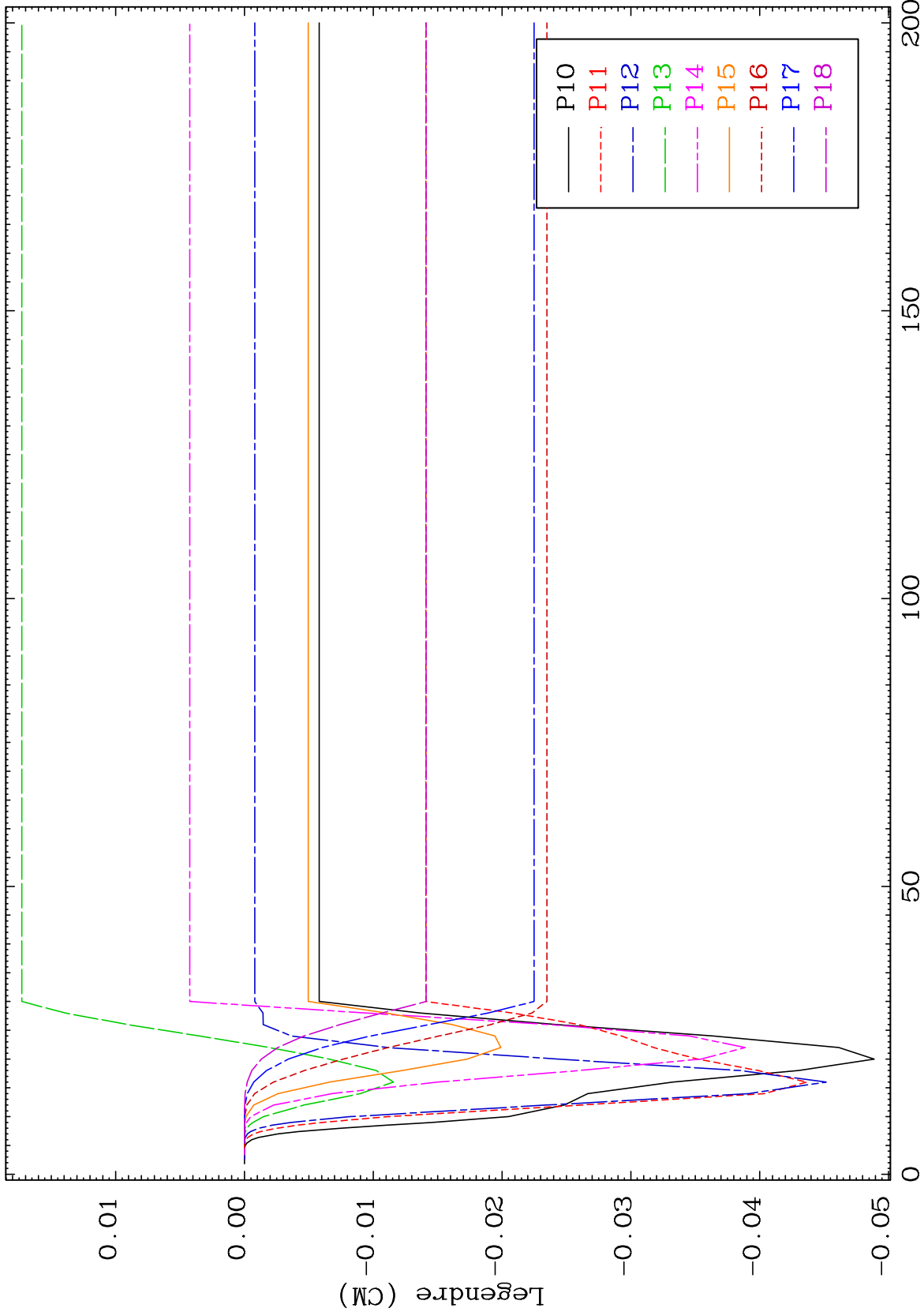
35 44-Ru-99



MAT 4434

575.8 keV (n,n') Level
Legendre Coefficients

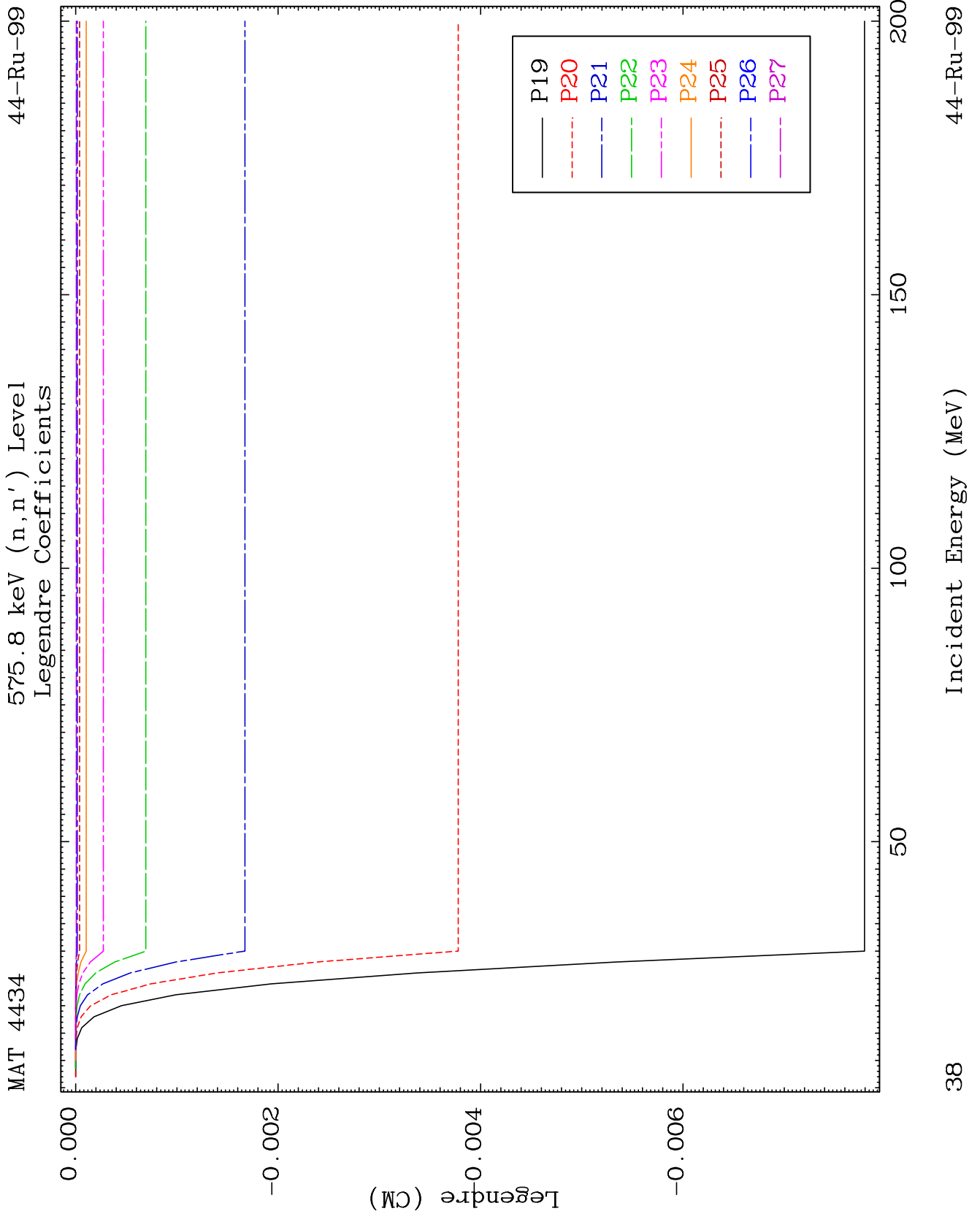
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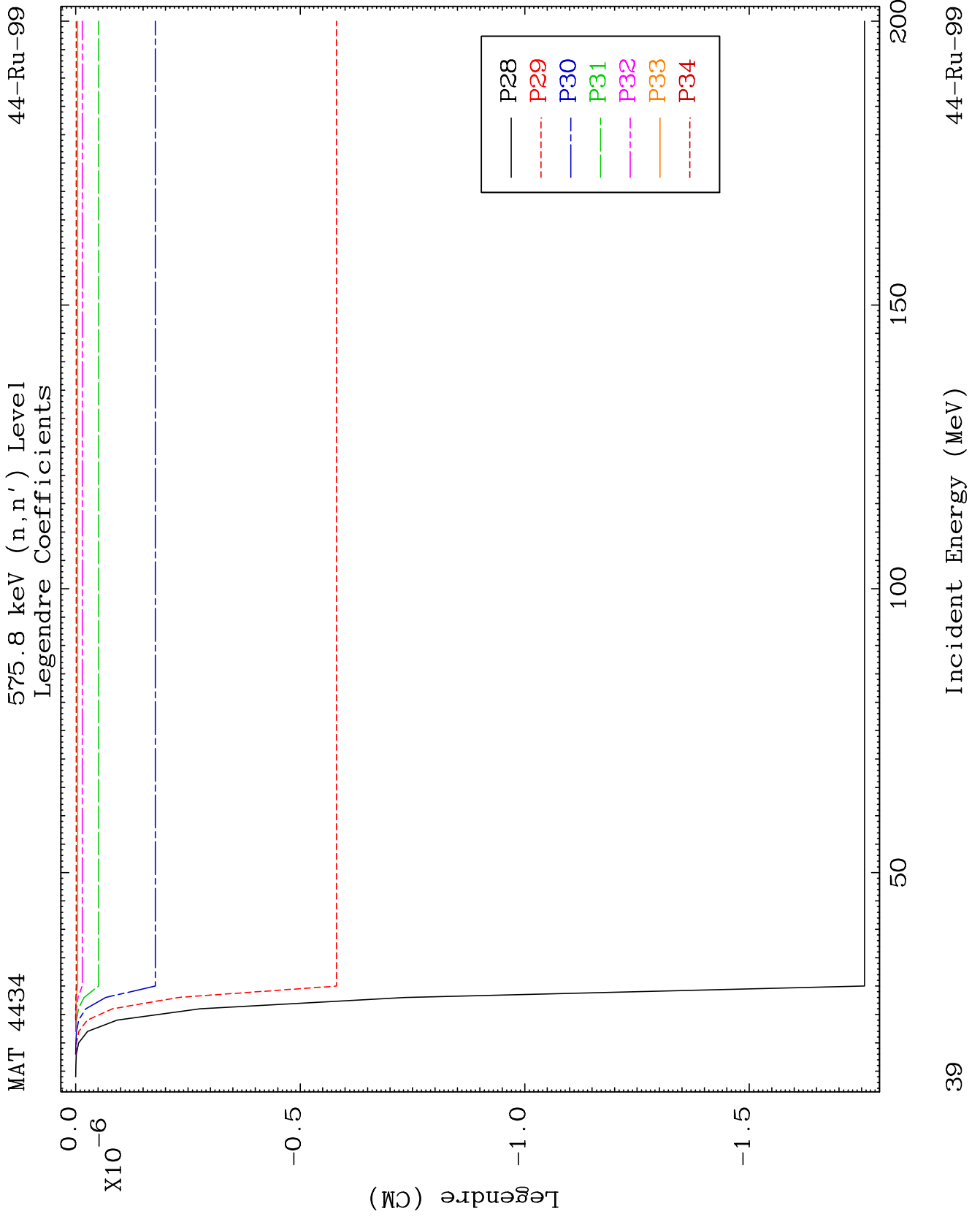


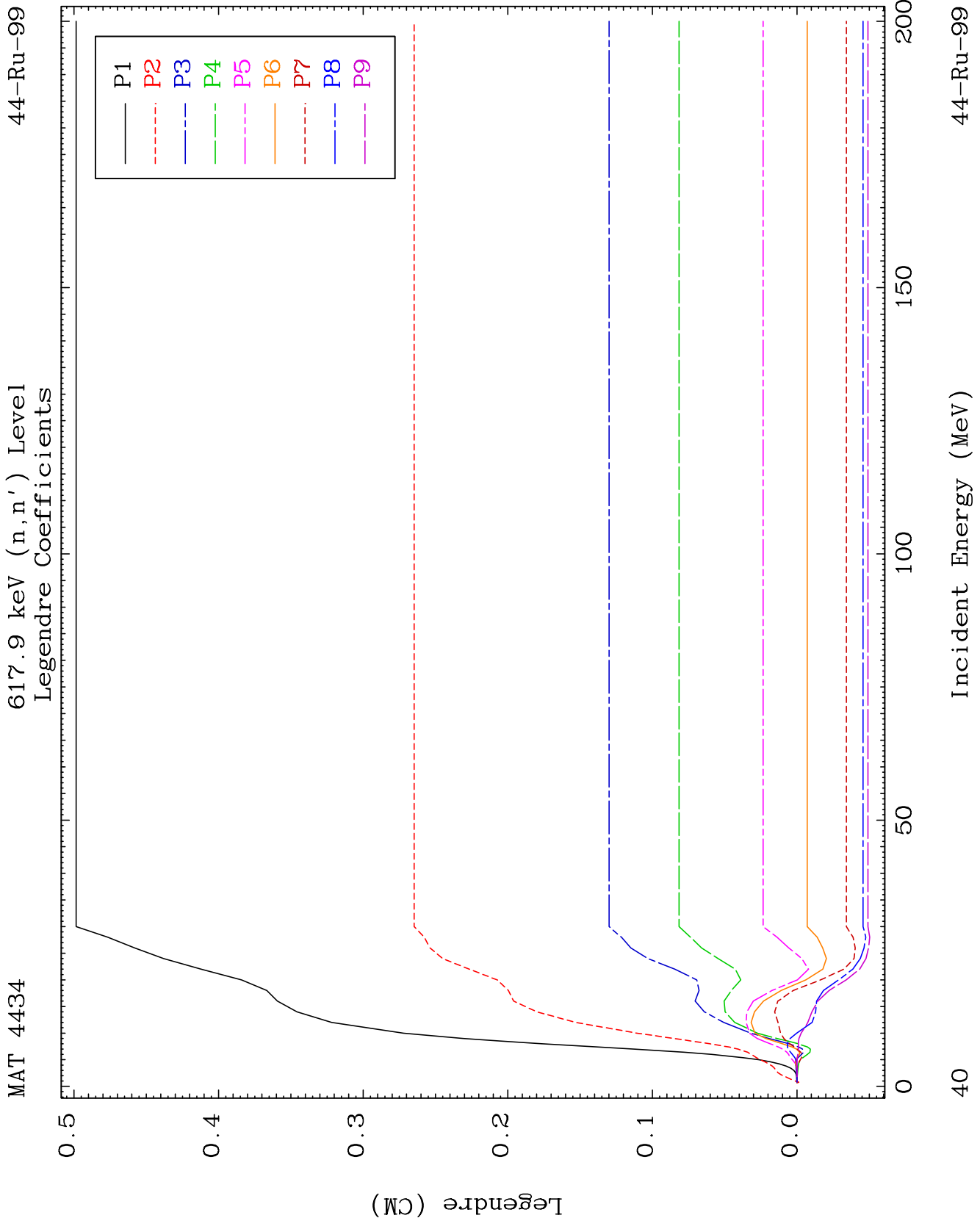
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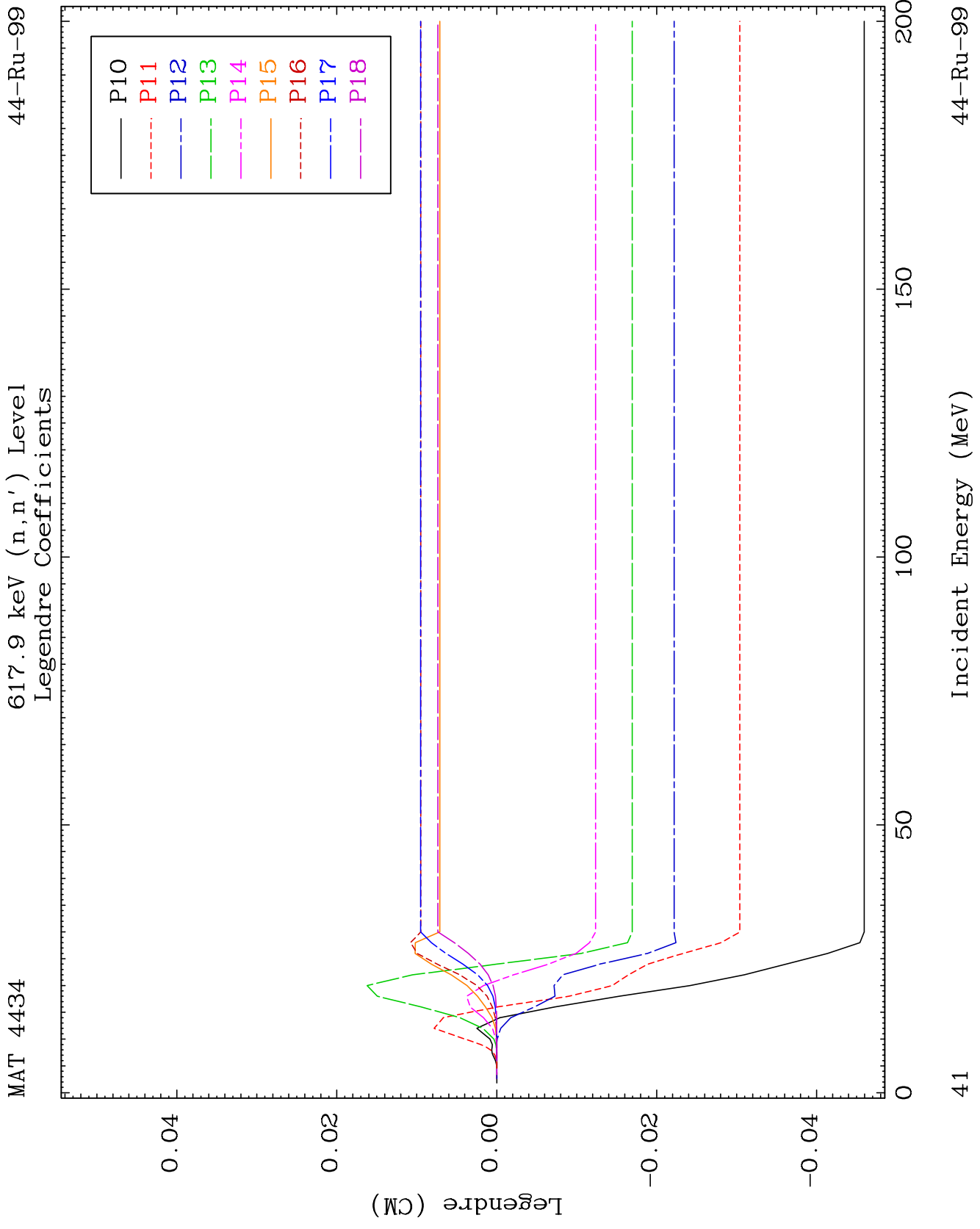
Incident Energy (MeV)

44-Ru-99





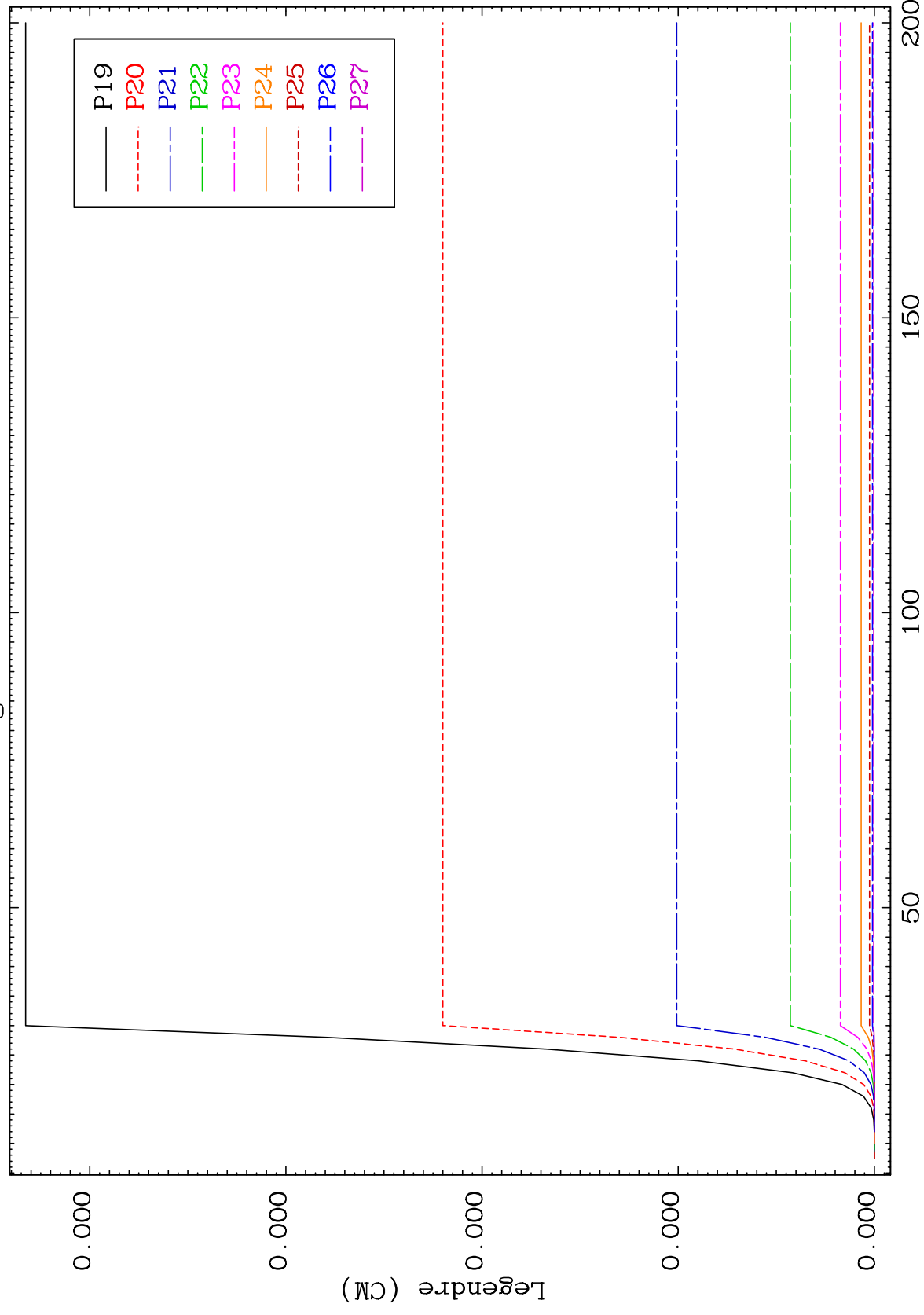




MAT 4434

617.9 keV (n, n') Level
Legendre Coefficients

44-Ru-99

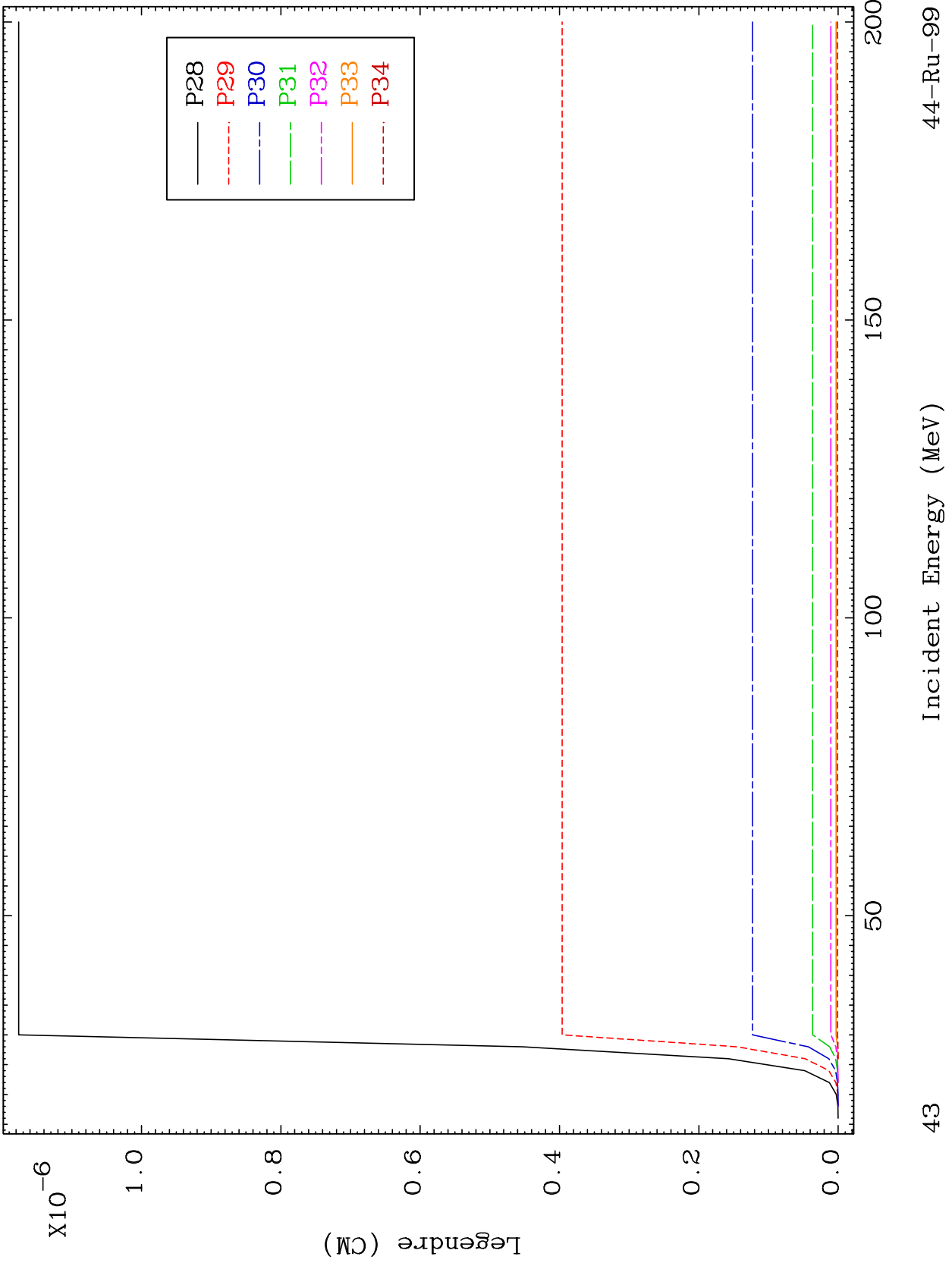


42

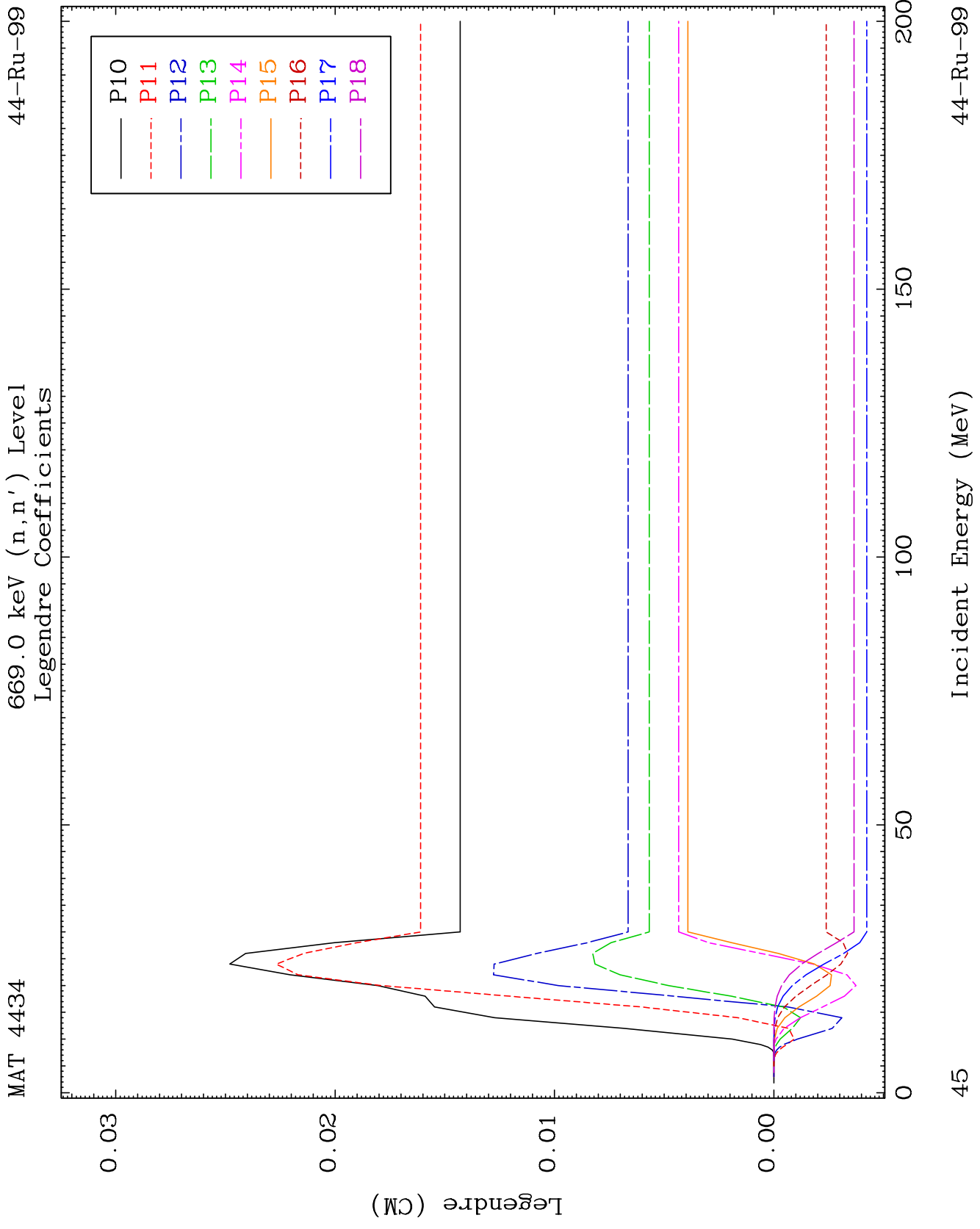
Incident Energy (MeV)

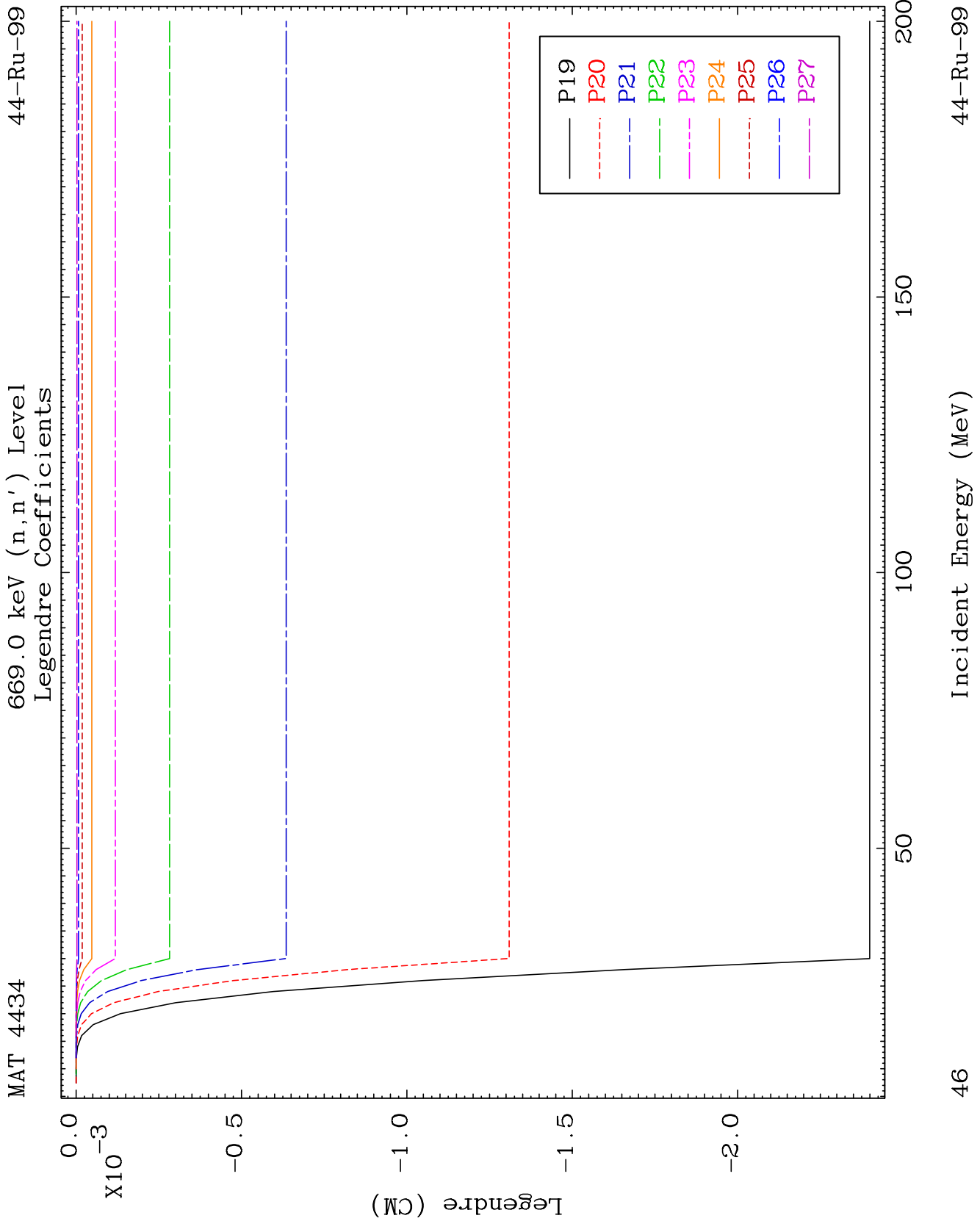
44-Ru-99

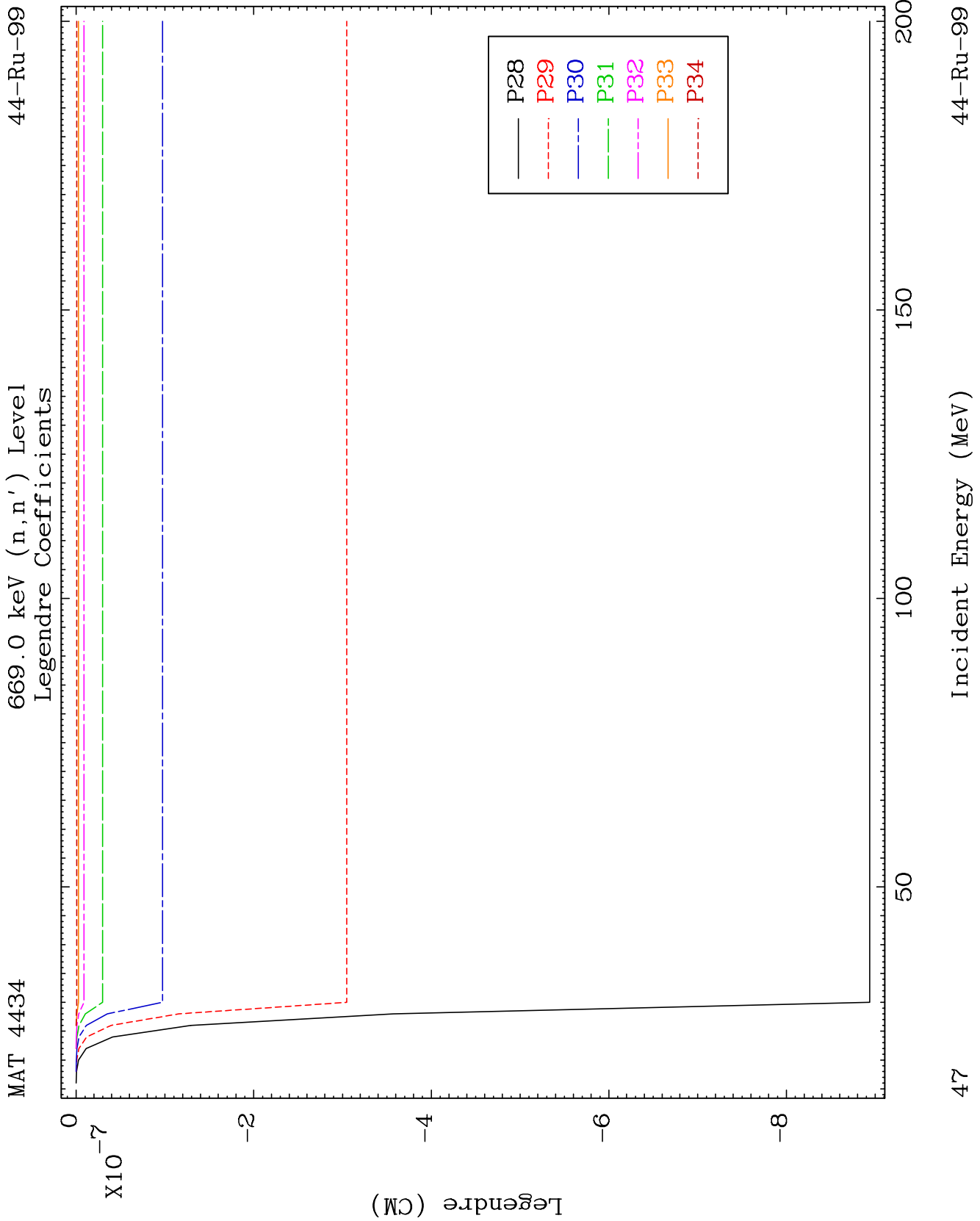
MAT 4434 617.9 keV (n,n') Level 44-Ru-99
Legendre Coefficients



43 Incident Energy (MeV) 44-Ru-99



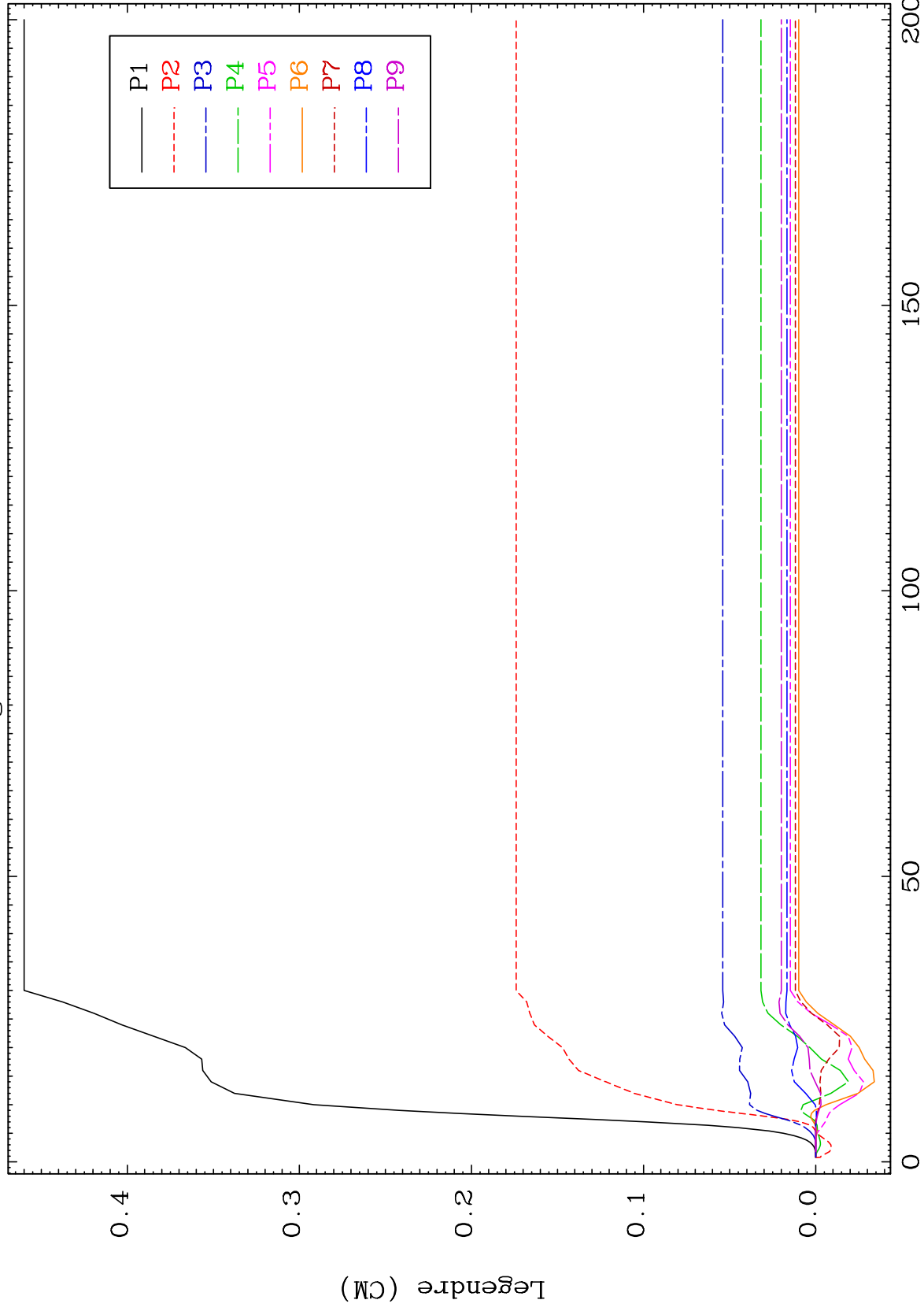




MAT 4434

719.9 keV (n,n') Level
Legendre Coefficients

44-Ru-99



48

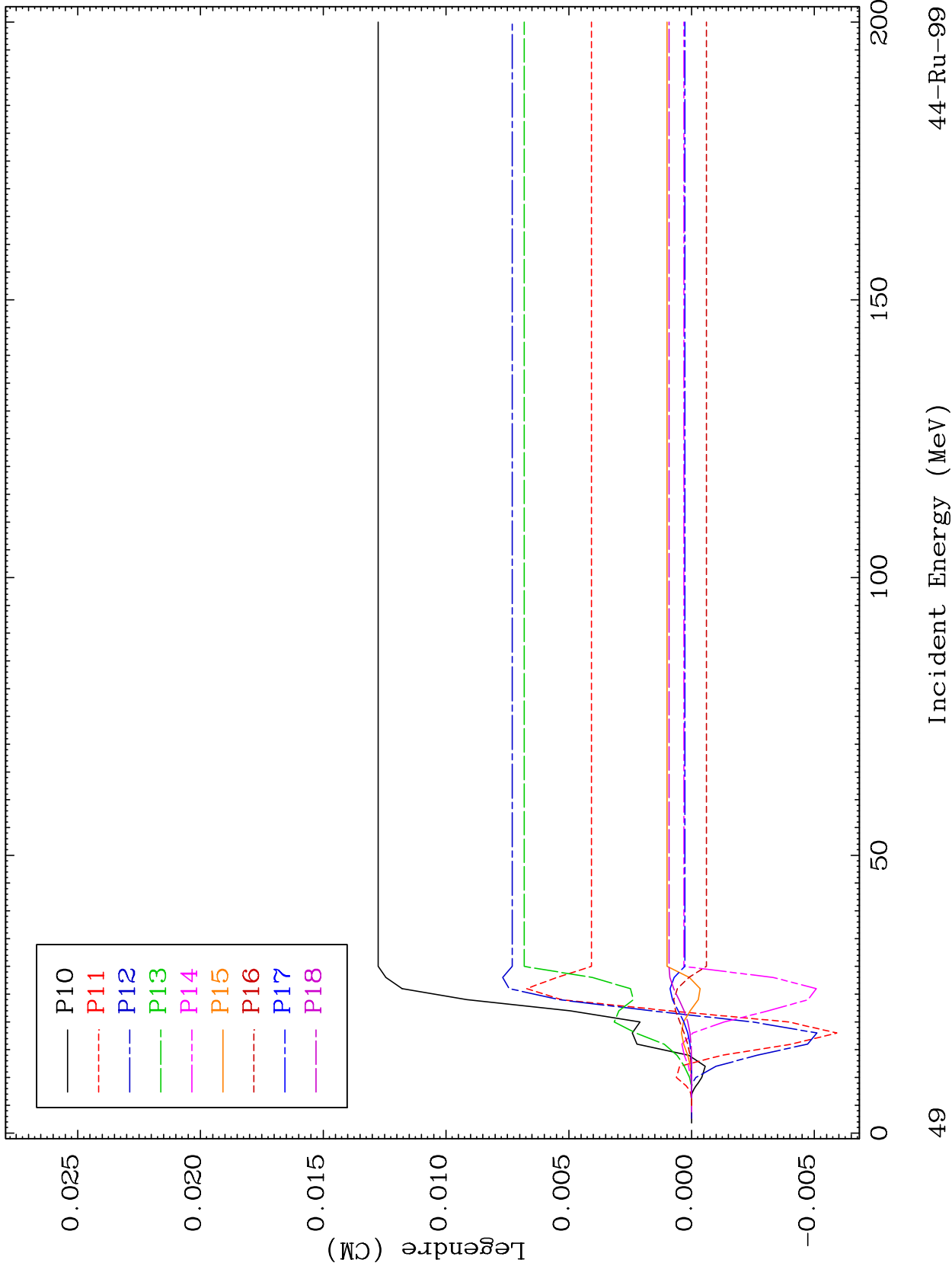
Incident Energy (MeV)

44-Ru-99

MAT 4434

719.9 keV (n,n') Level
Legendre Coefficients

44-Ru-99



49

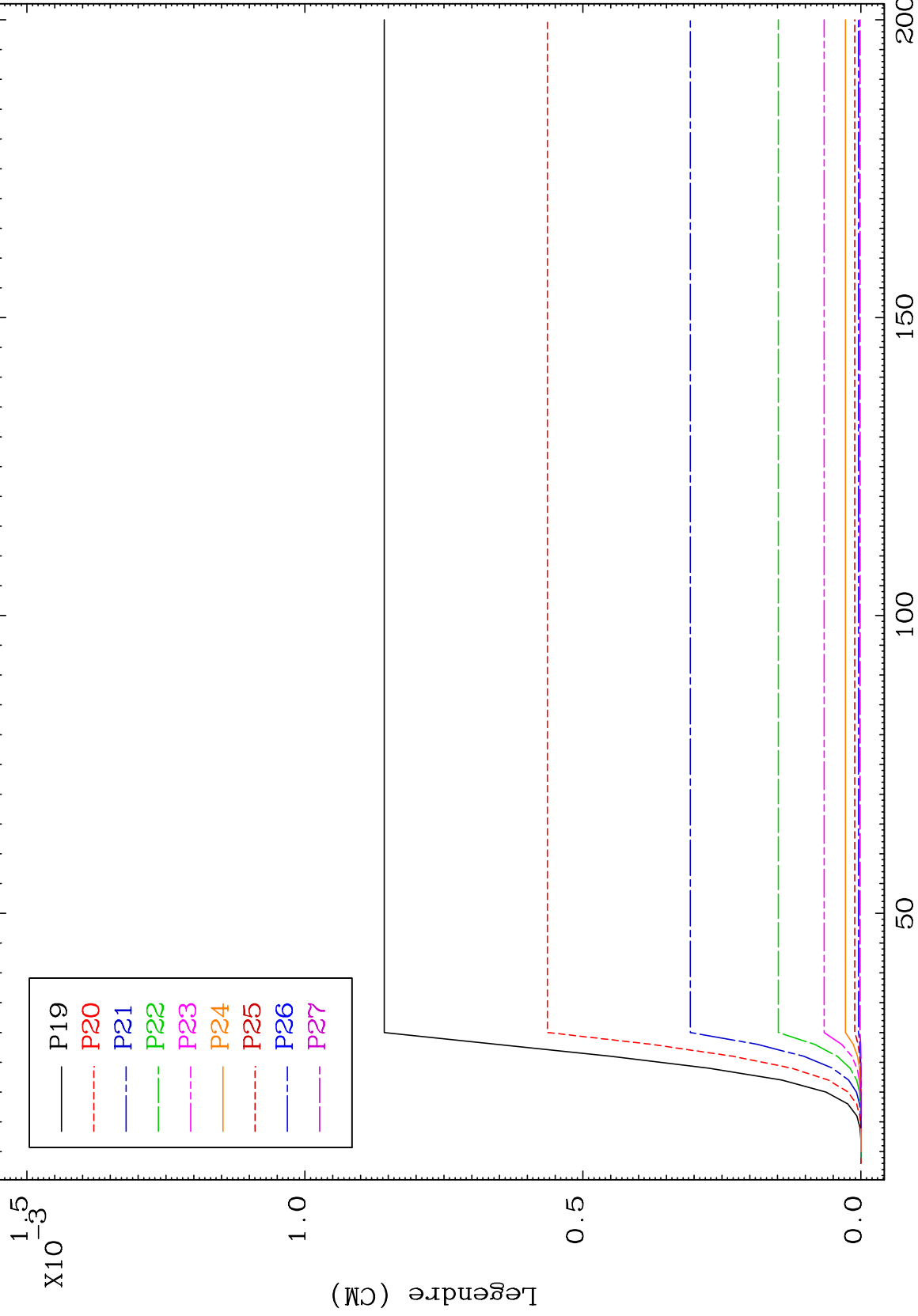
Incident Energy (MeV)

44-Ru-99

MAT 4434

719.9 keV (n,n') Level
Legendre Coefficients

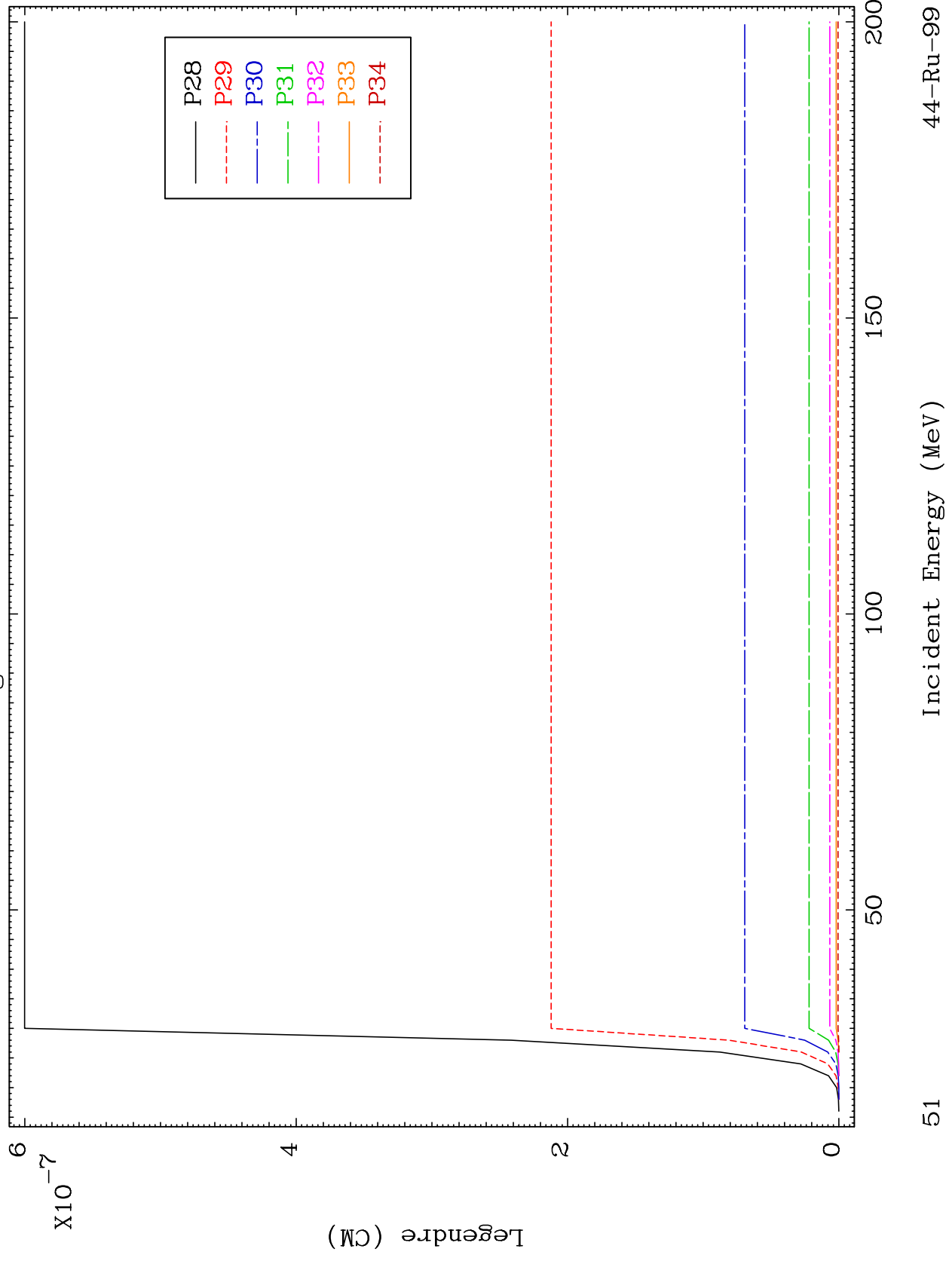
44-Ru-99



50

Incident Energy (MeV)

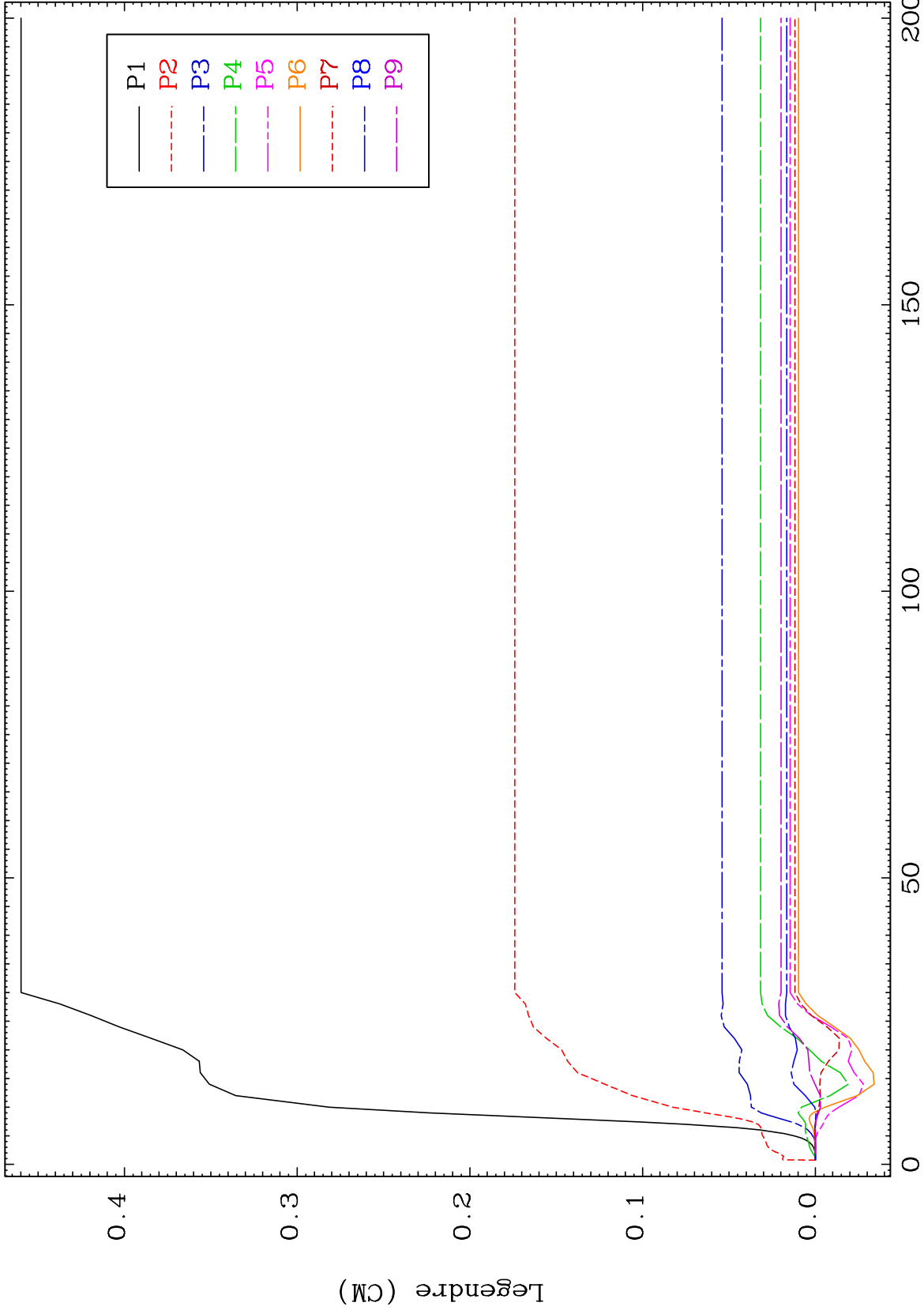
44-Ru-99



MAT 4434

734.1 keV (n,n') Level
Legendre Coefficients

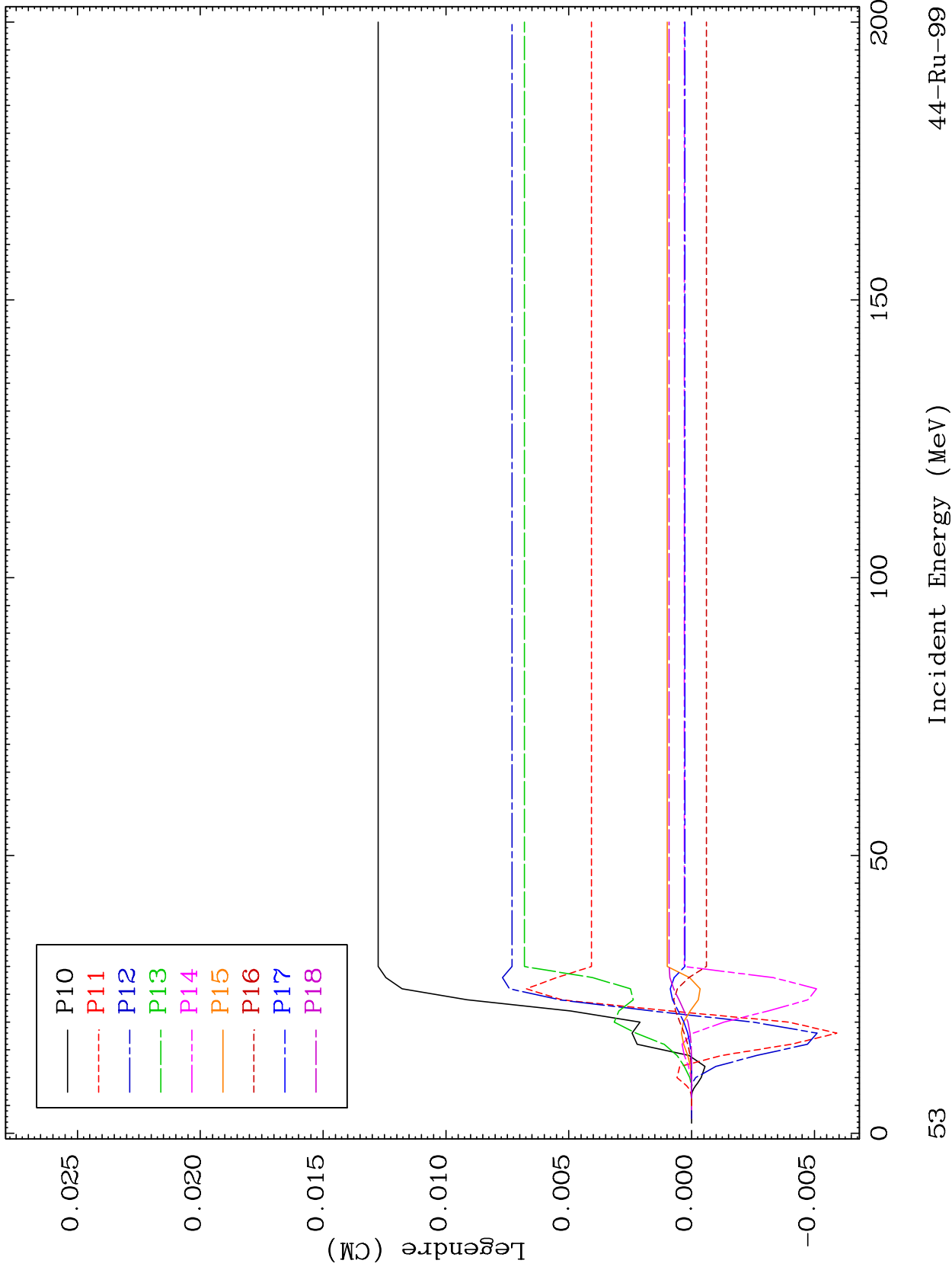
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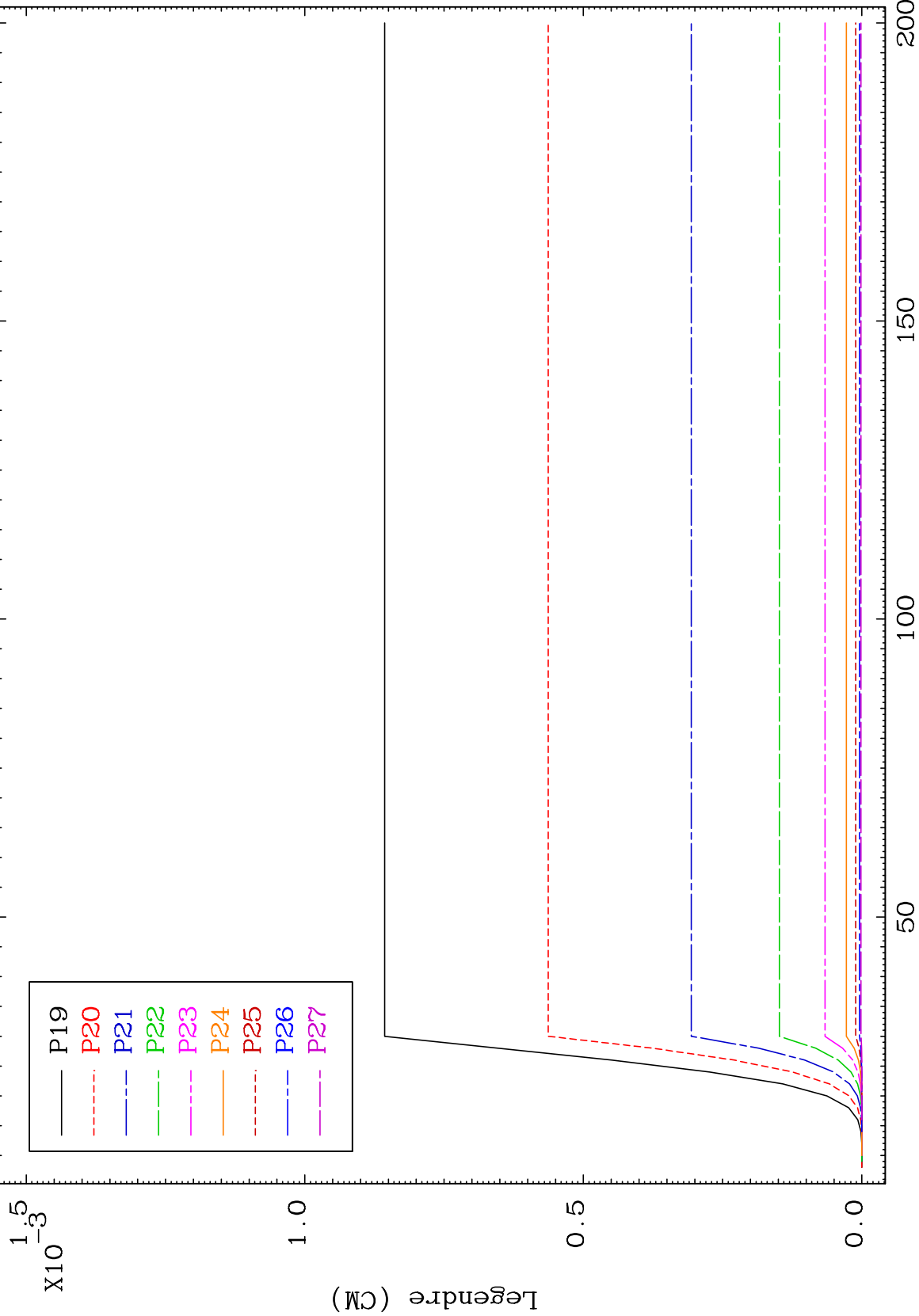


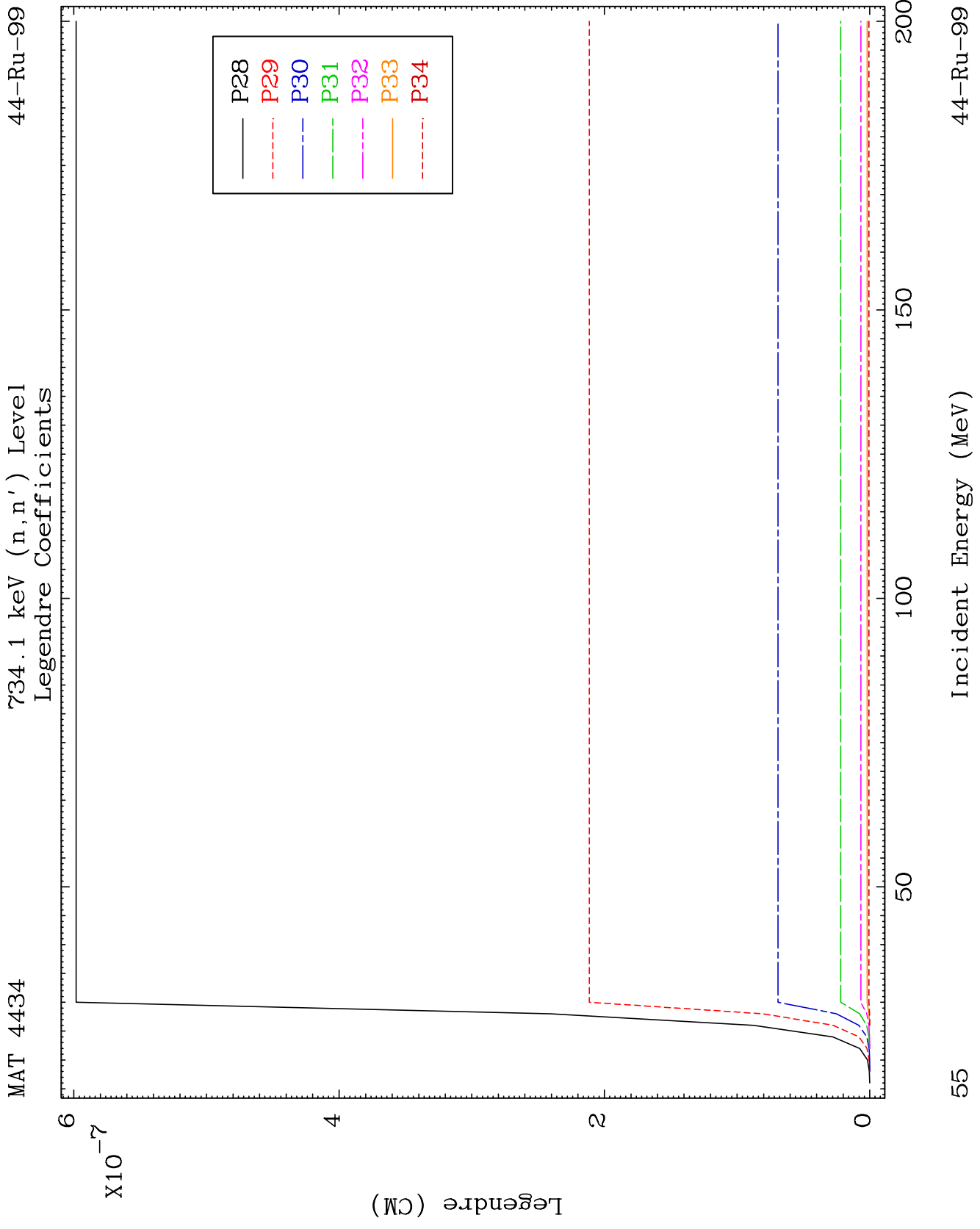
52

Incident Energy (MeV)

44-Ru-99



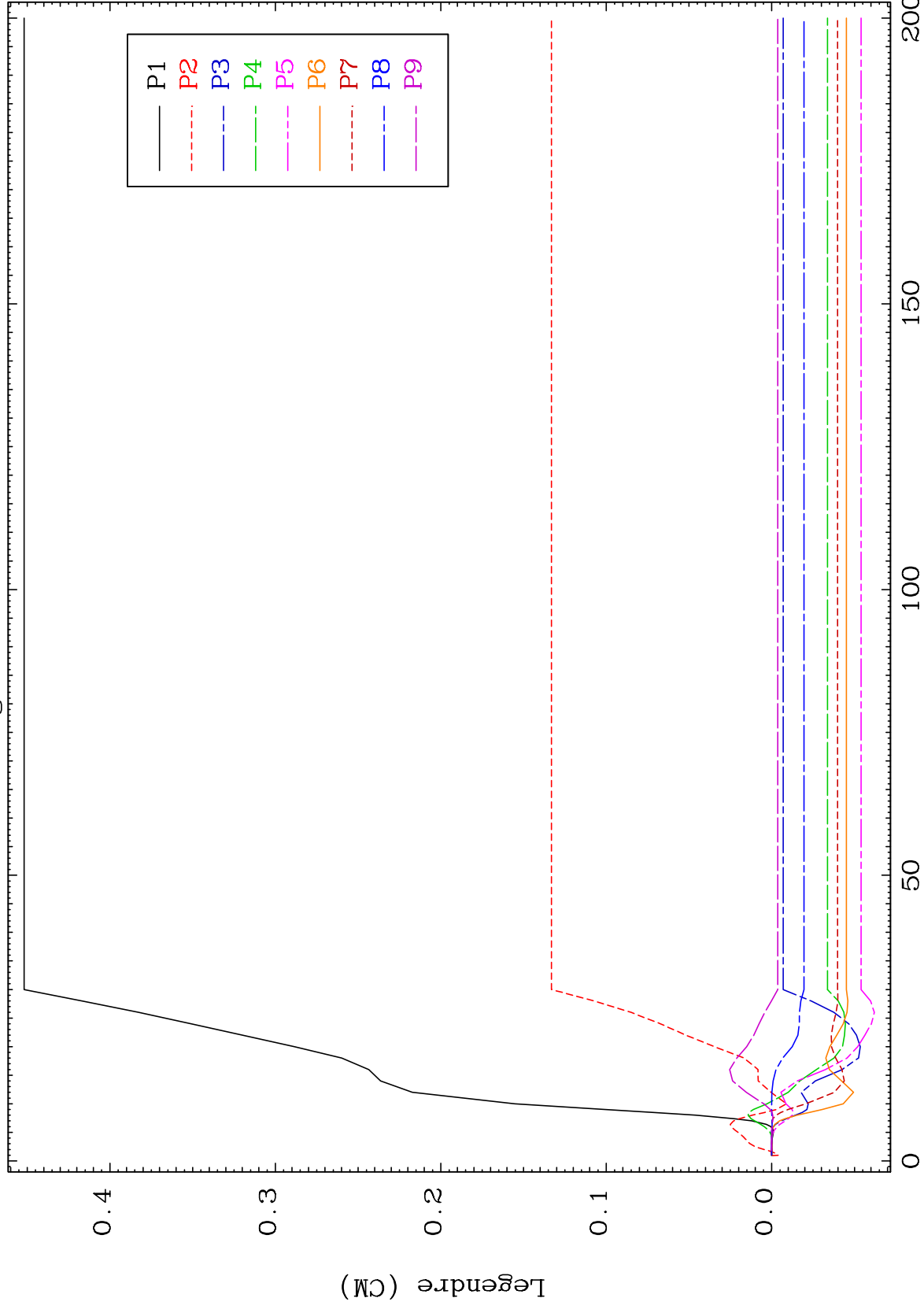




MAT 4434

896.8 keV (n,n') Level
Legendre Coefficients

44-Ru-99



56

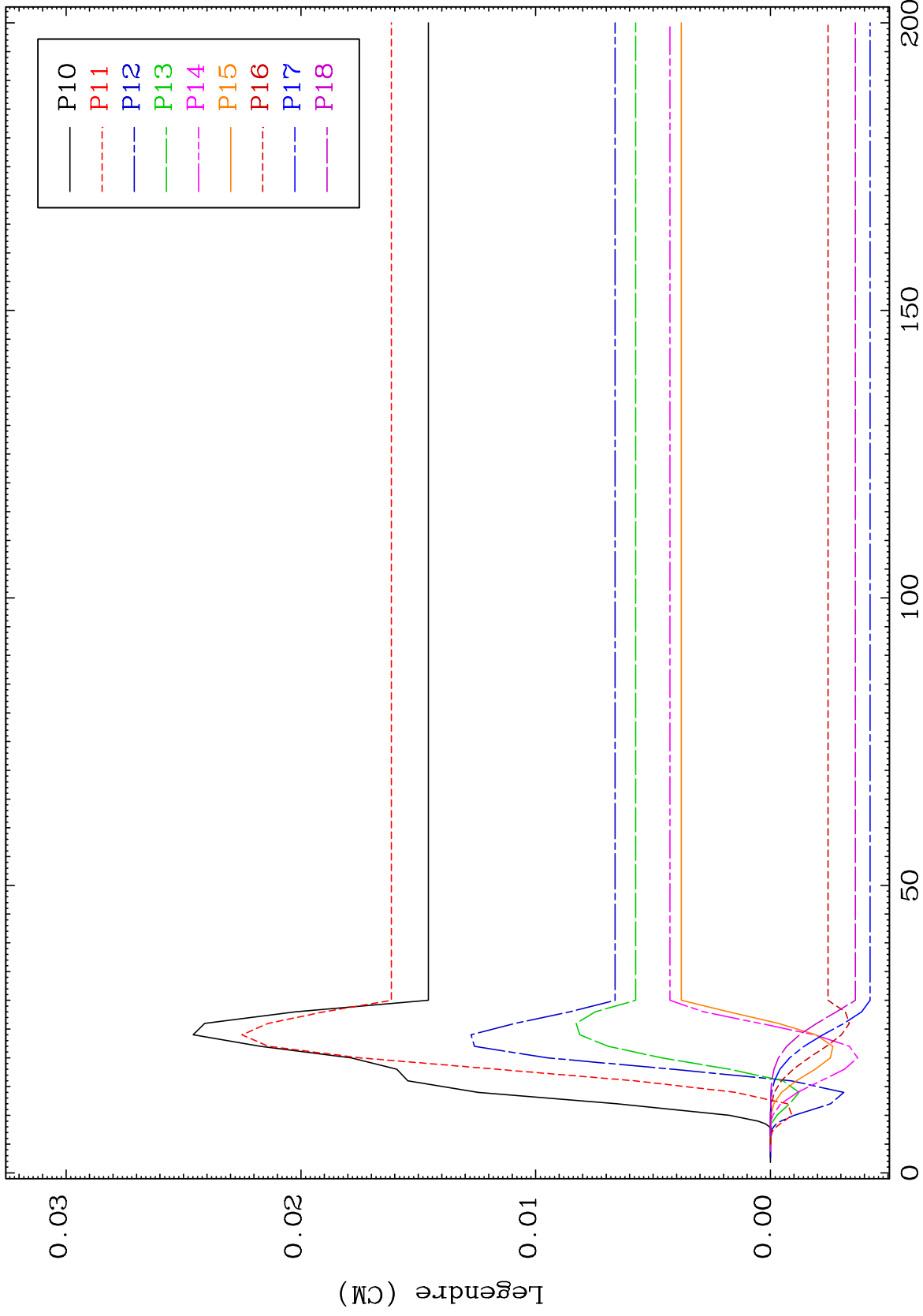
Incident Energy (MeV)

44-Ru-99

MAT 4434

896.8 keV (n,n') Level
Legendre Coefficients

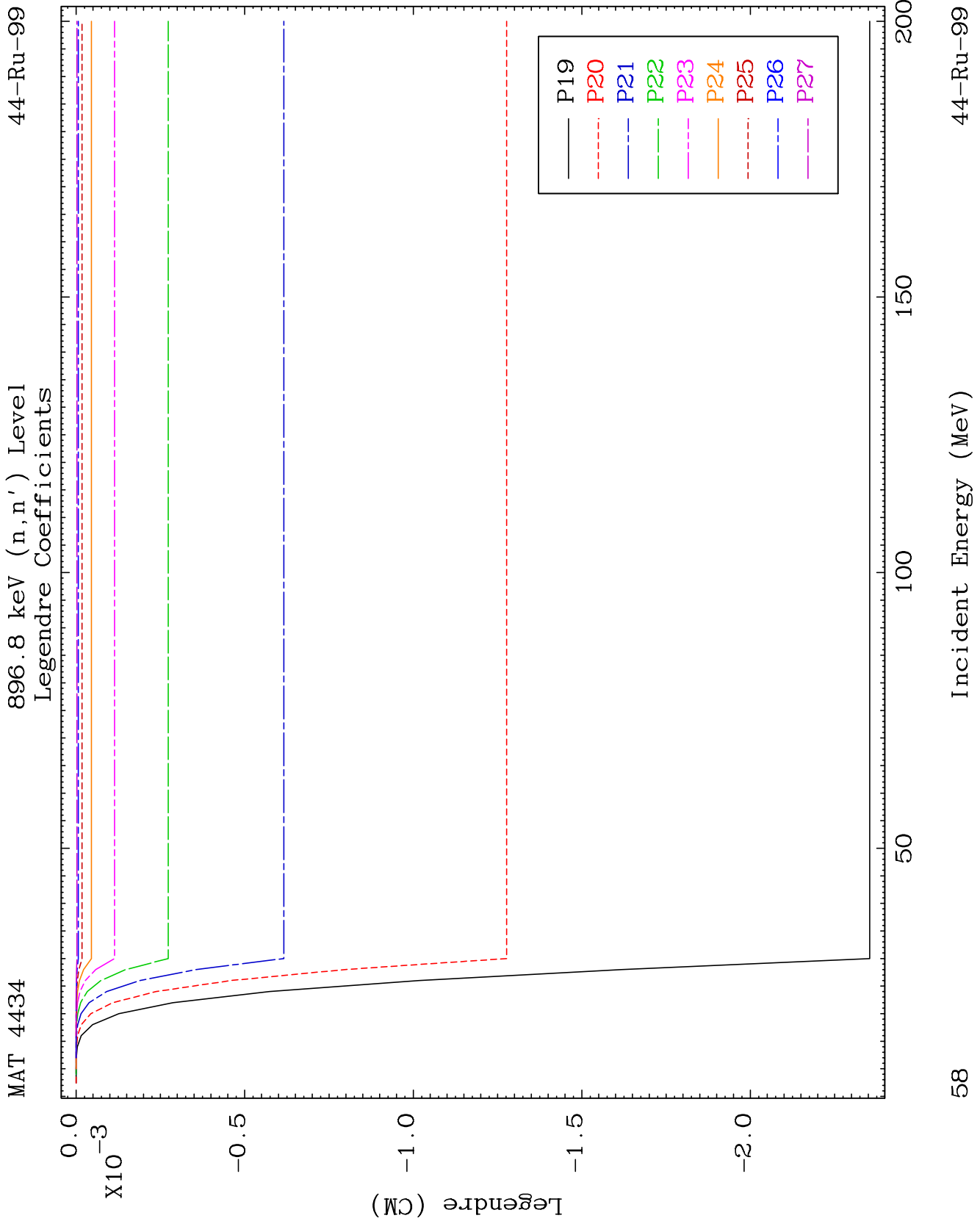
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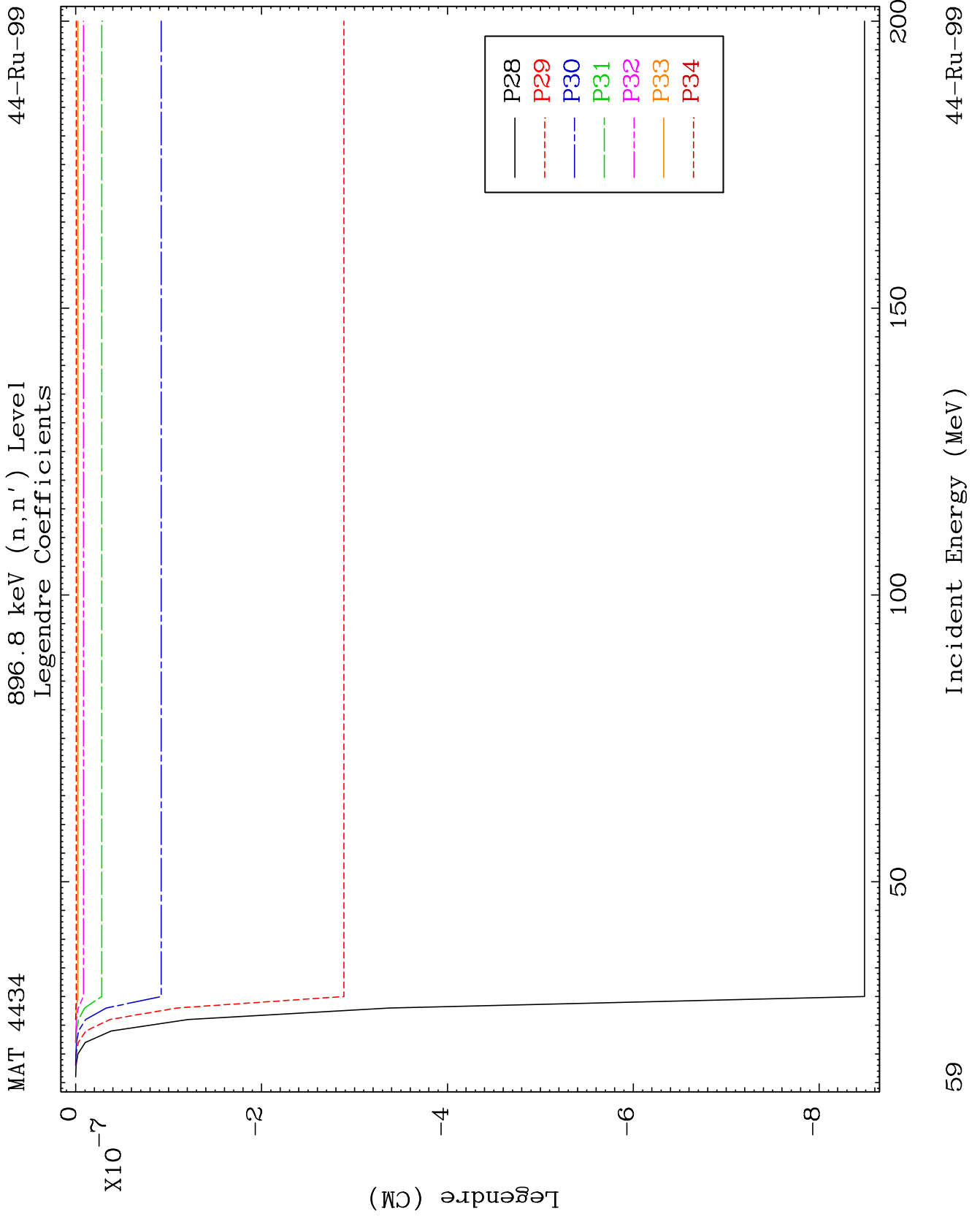


57

Incident Energy (MeV)

44-Ru-99

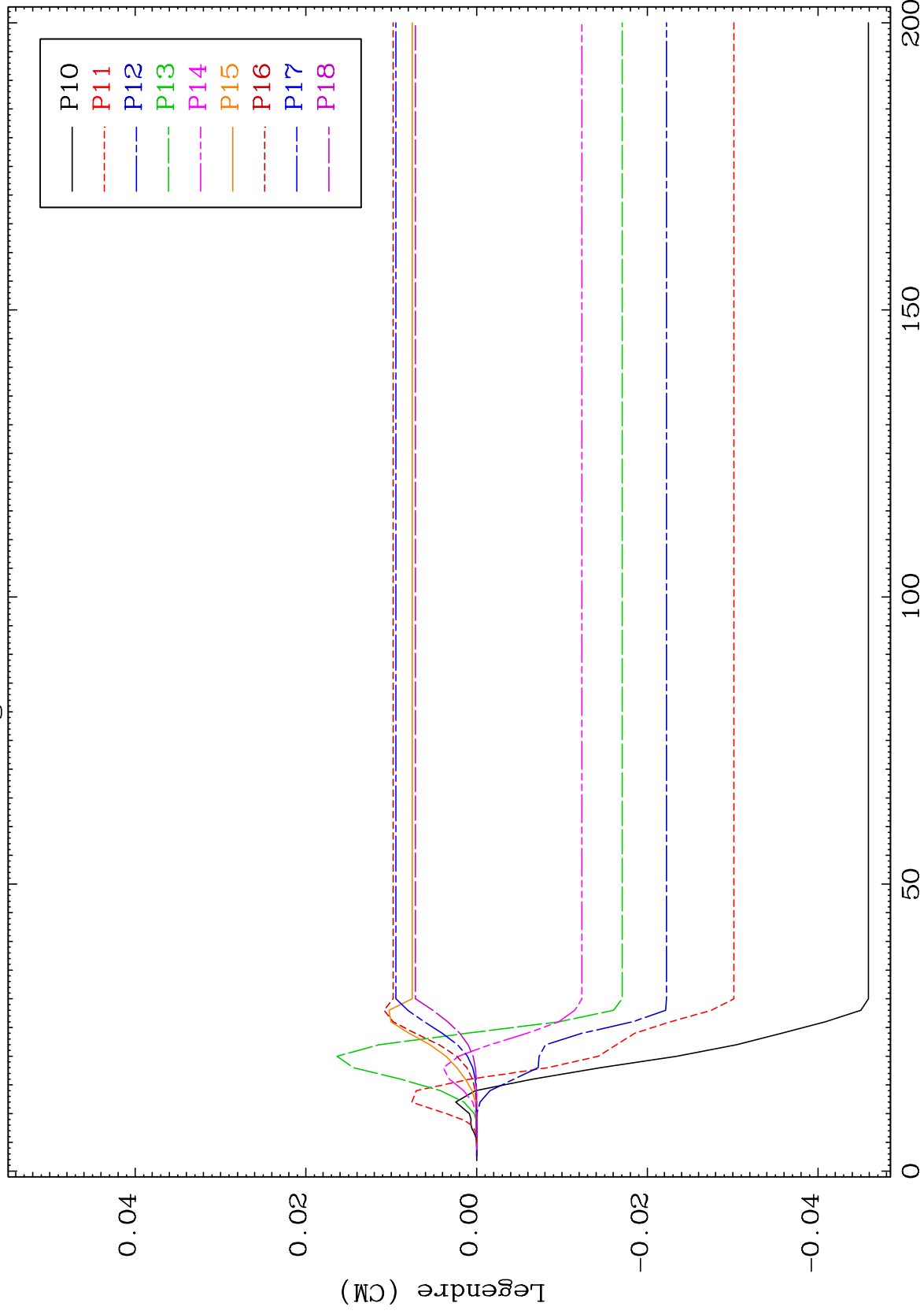




MAT 4434

998.7 keV (n,n') Level
Legendre Coefficients

44-Ru-99



61

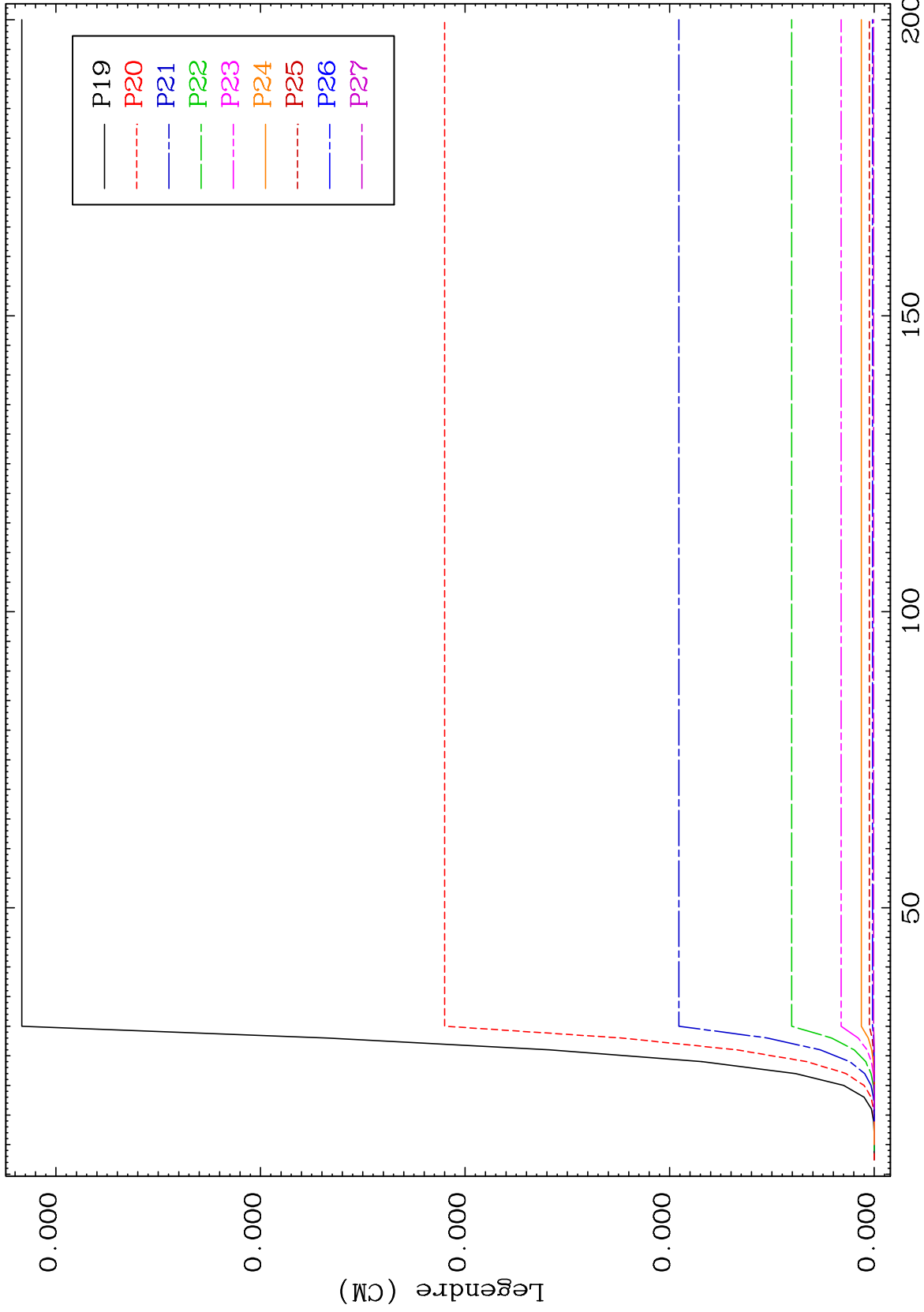
Incident Energy (MeV)

44-Ru-99

MAT 4434

998.7 keV (n,n') Level
Legendre Coefficients

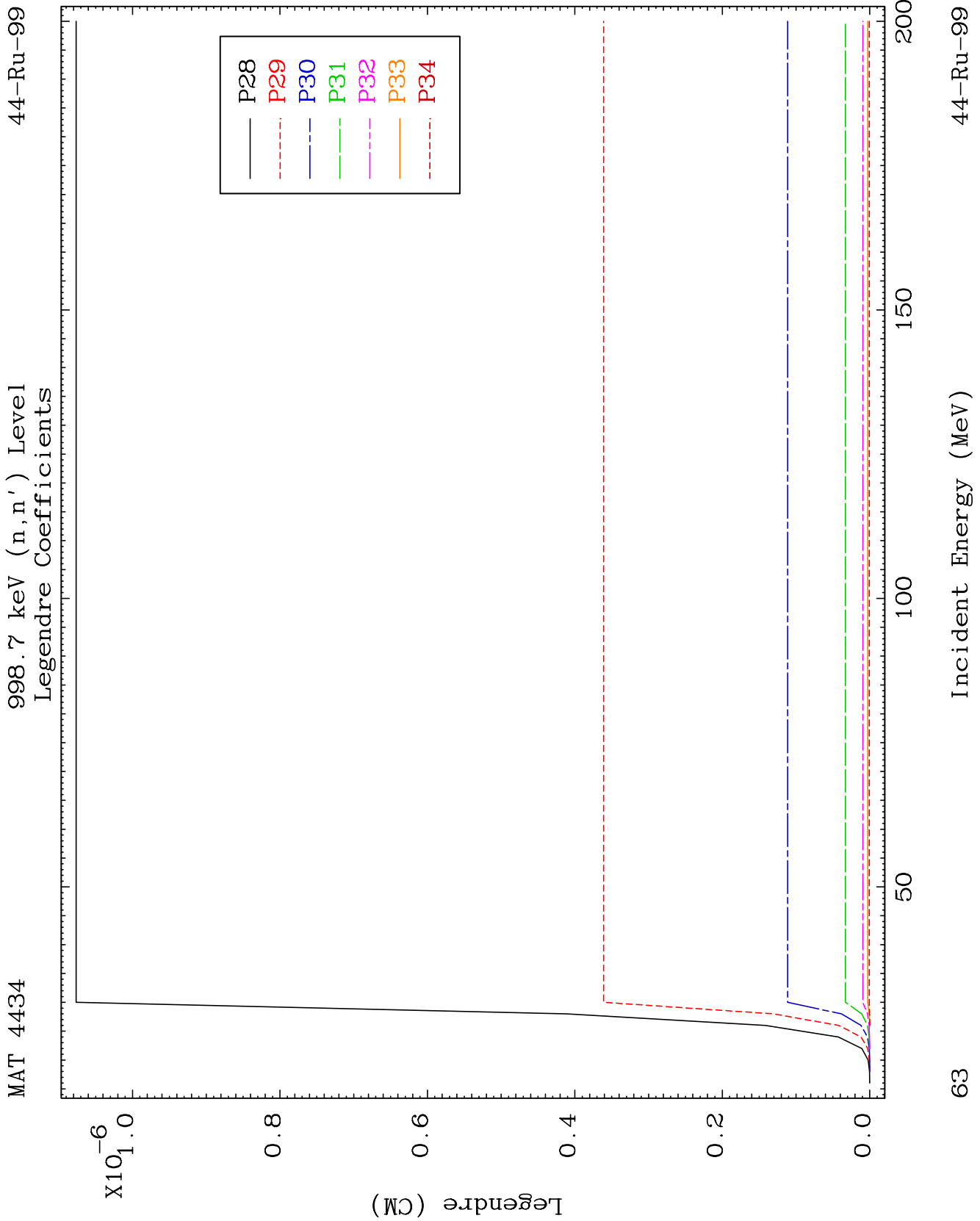
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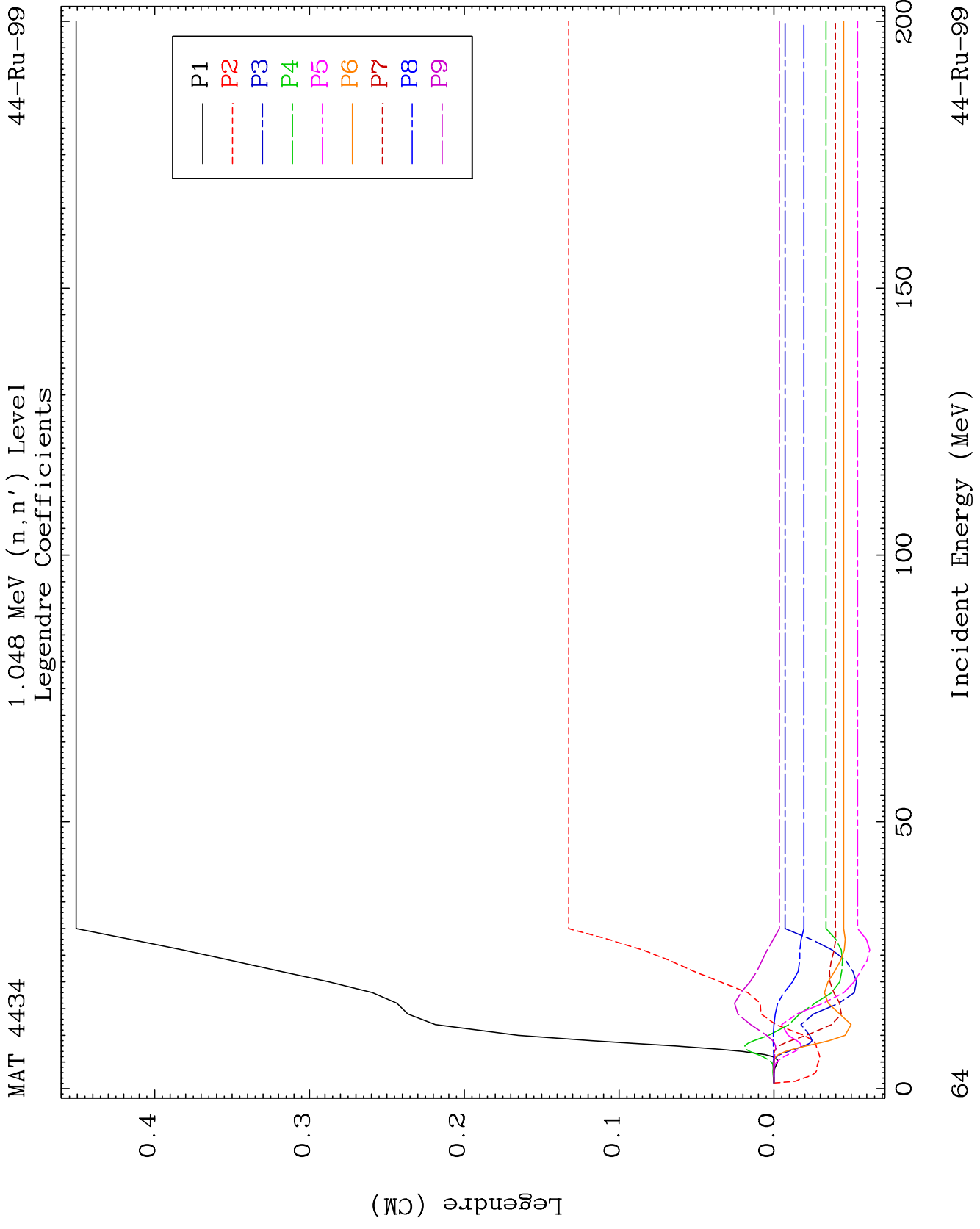


62

Incident Energy (MeV)

44-Ru-99

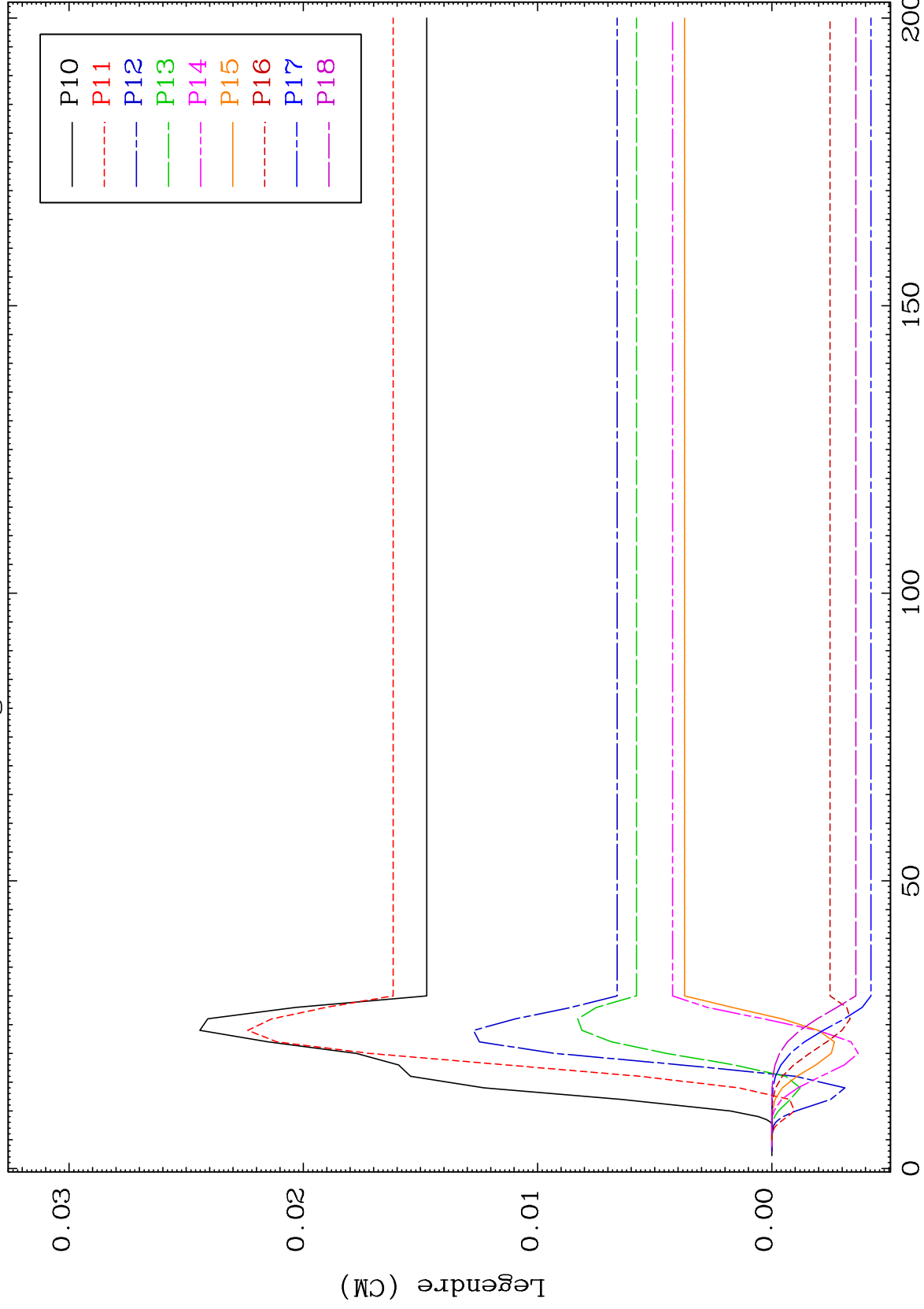




MAT 4434

1.048 MeV (n,n') Level
Legendre Coefficients

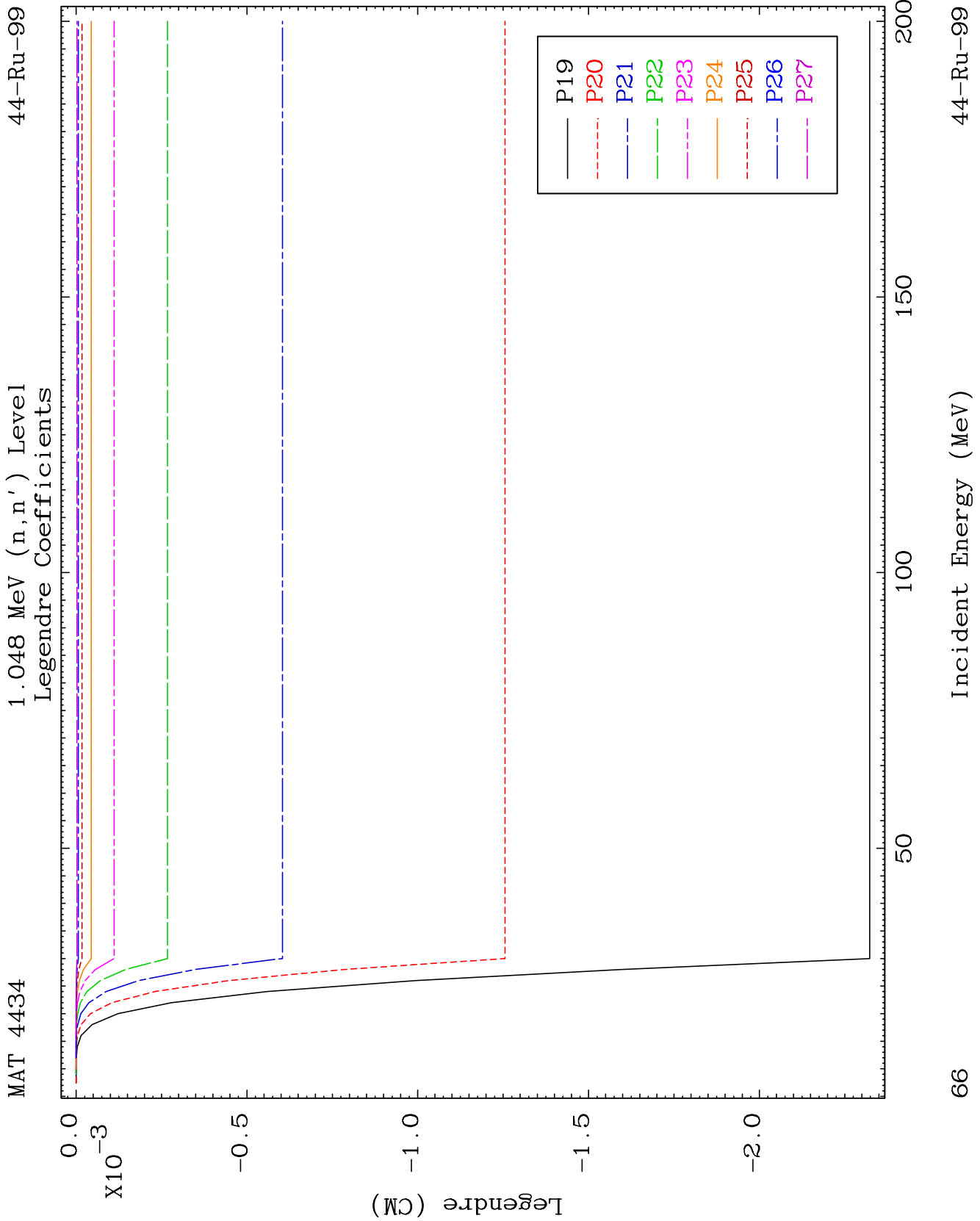
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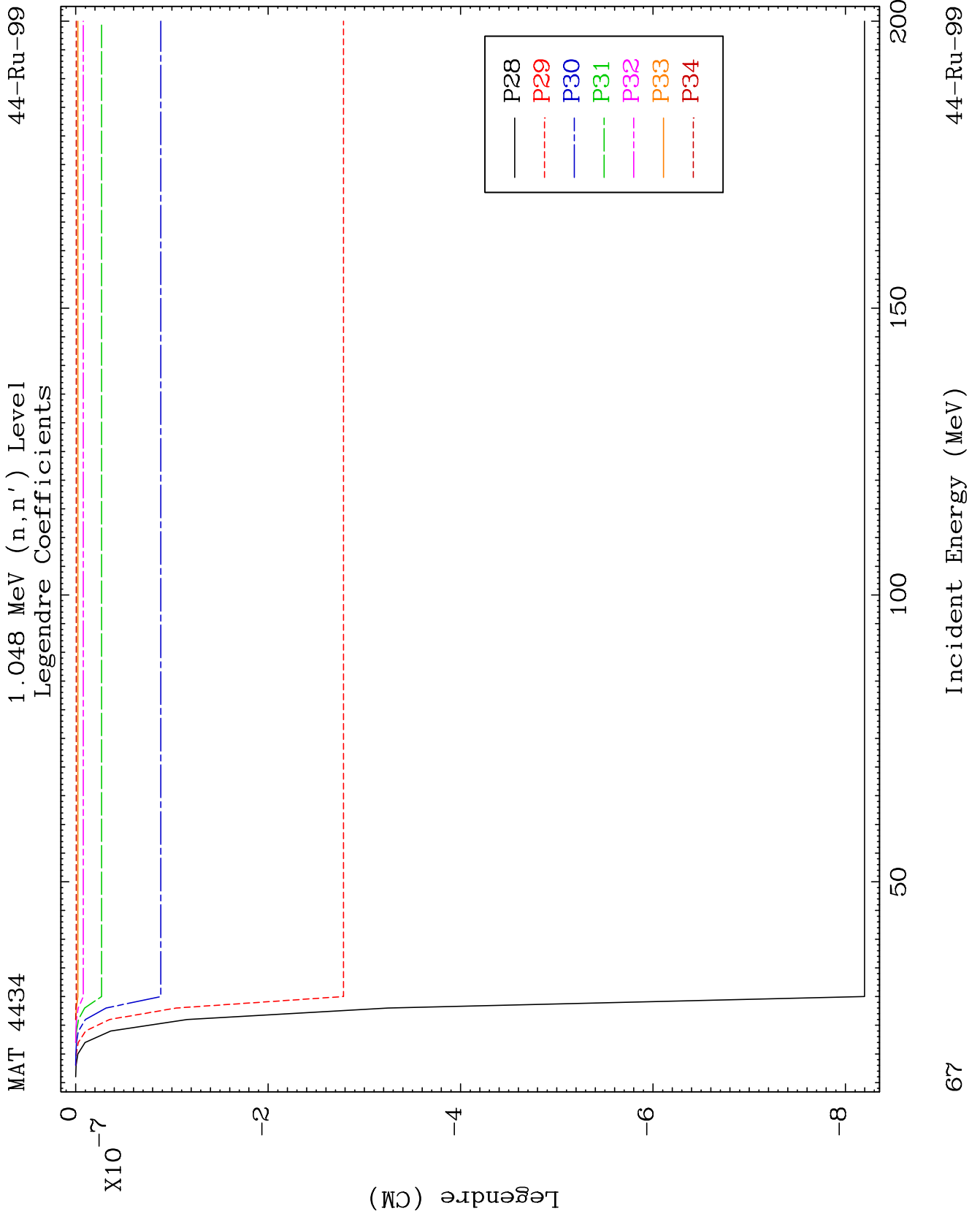


65

Incident Energy (MeV)

44-Ru-99

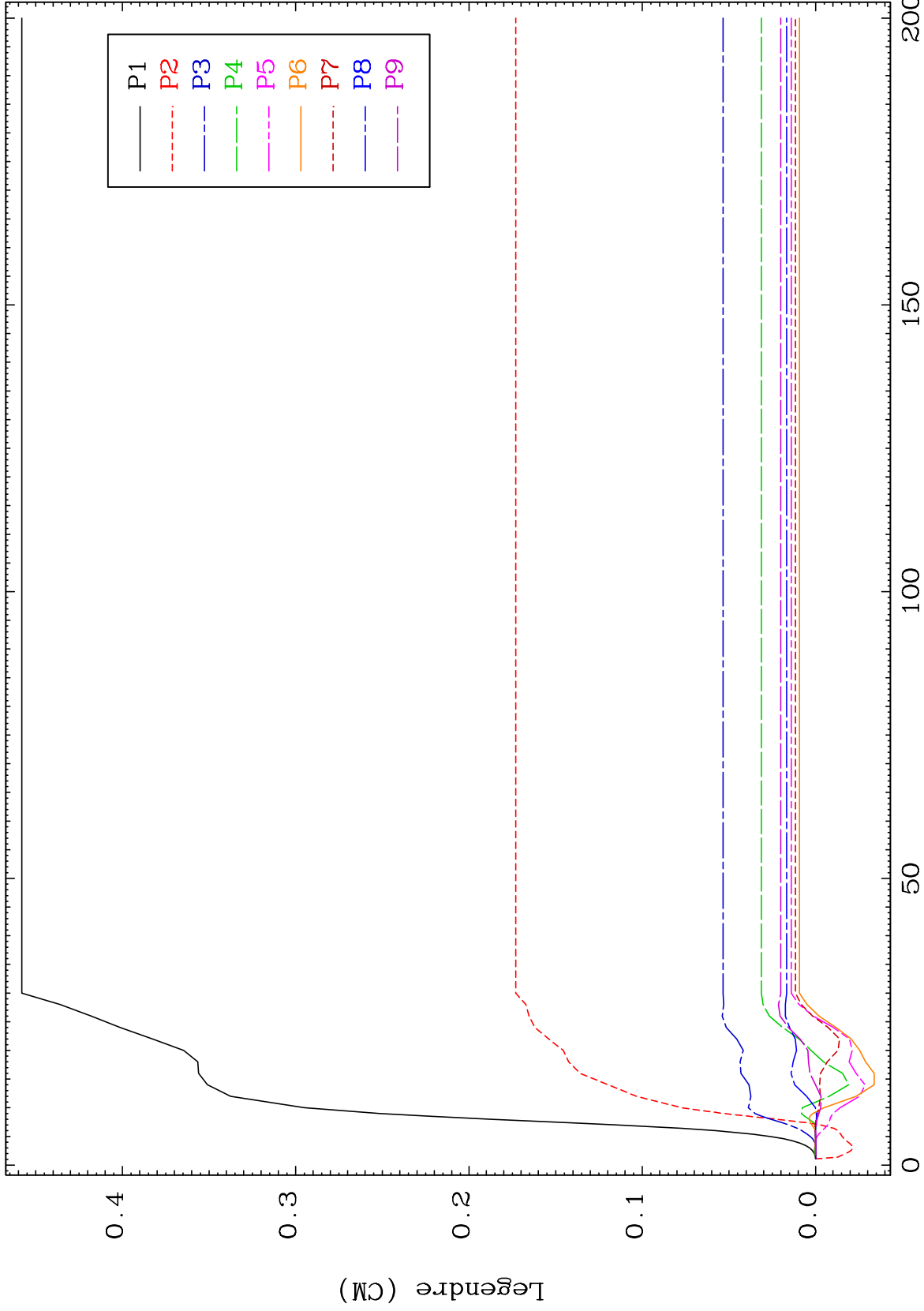




MAT 4434

1.070 MeV (n,n') Level
Legendre Coefficients

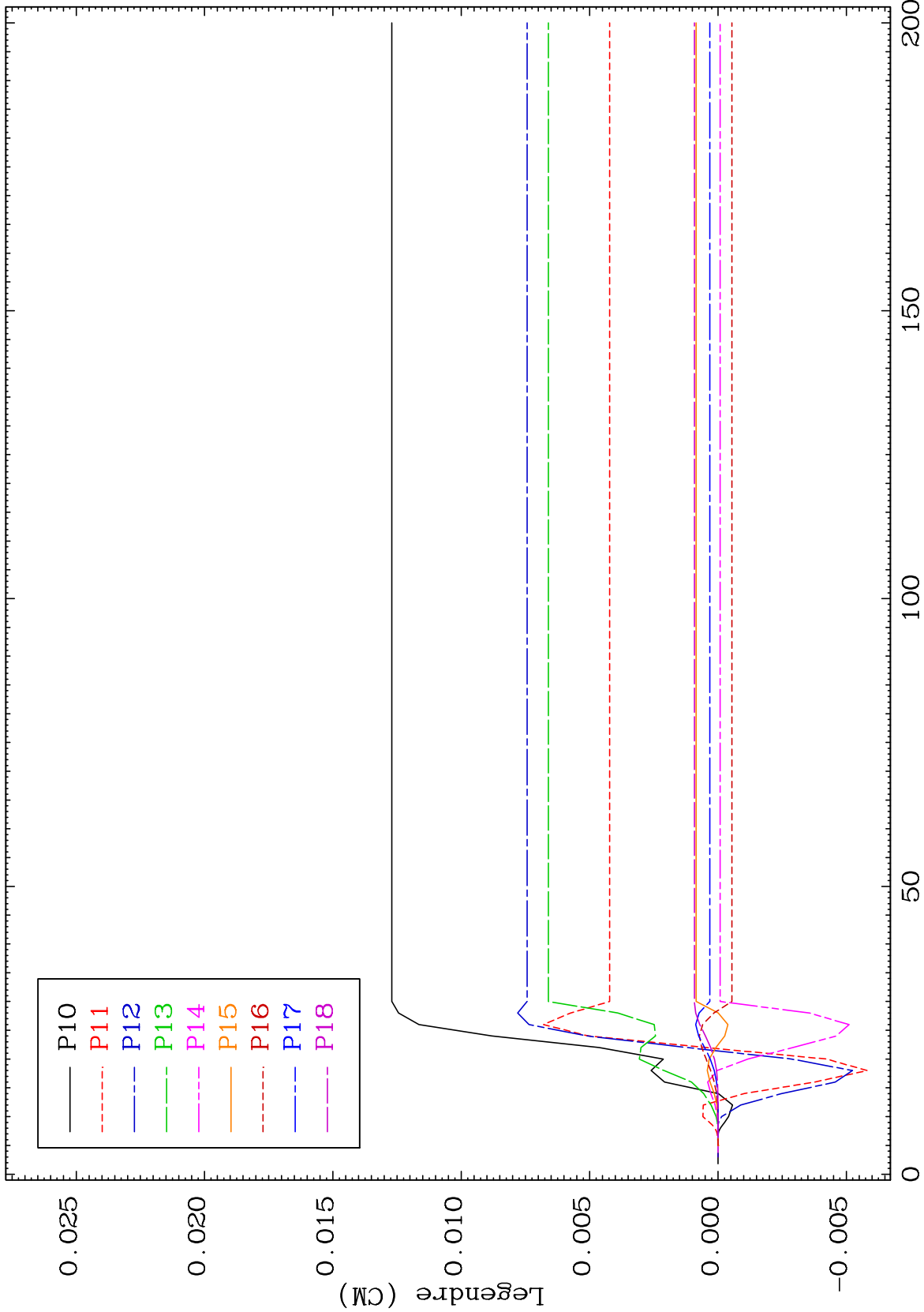
44-Ru-99



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Incident Energy (MeV)

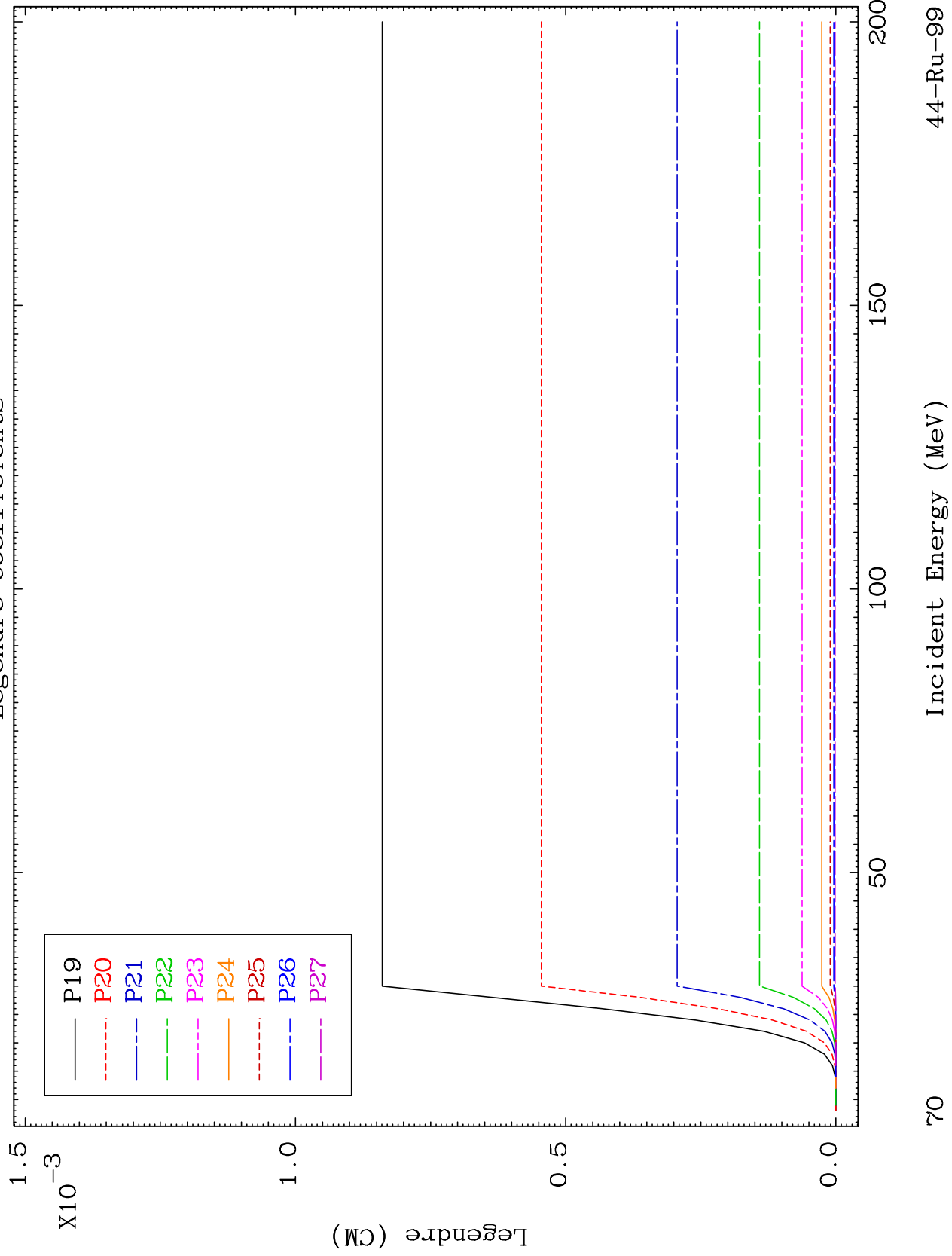
44-Ru-99



MAT 4434

1.070 MeV (n,n') Level
Legendre Coefficients

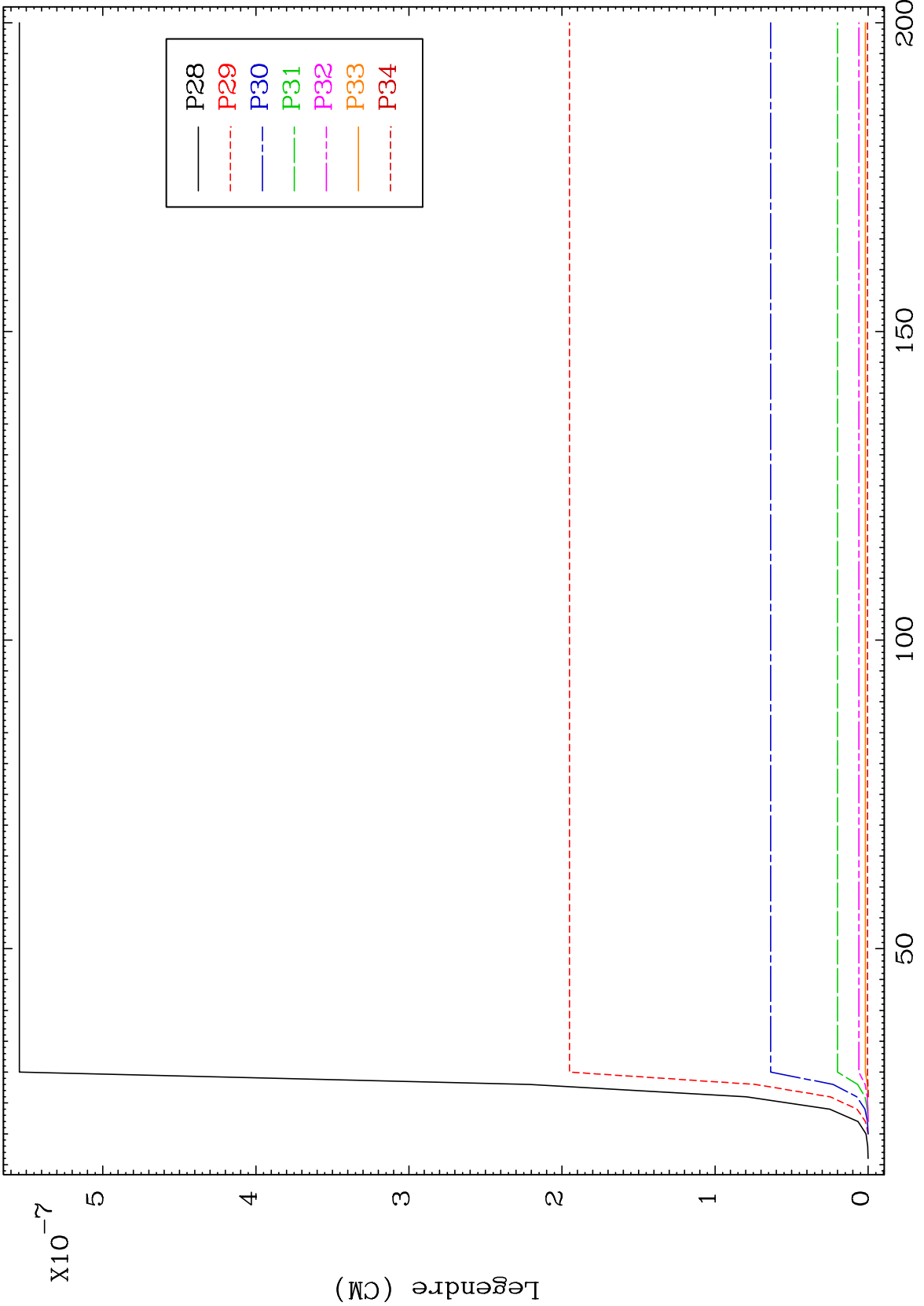
44-Ru-99

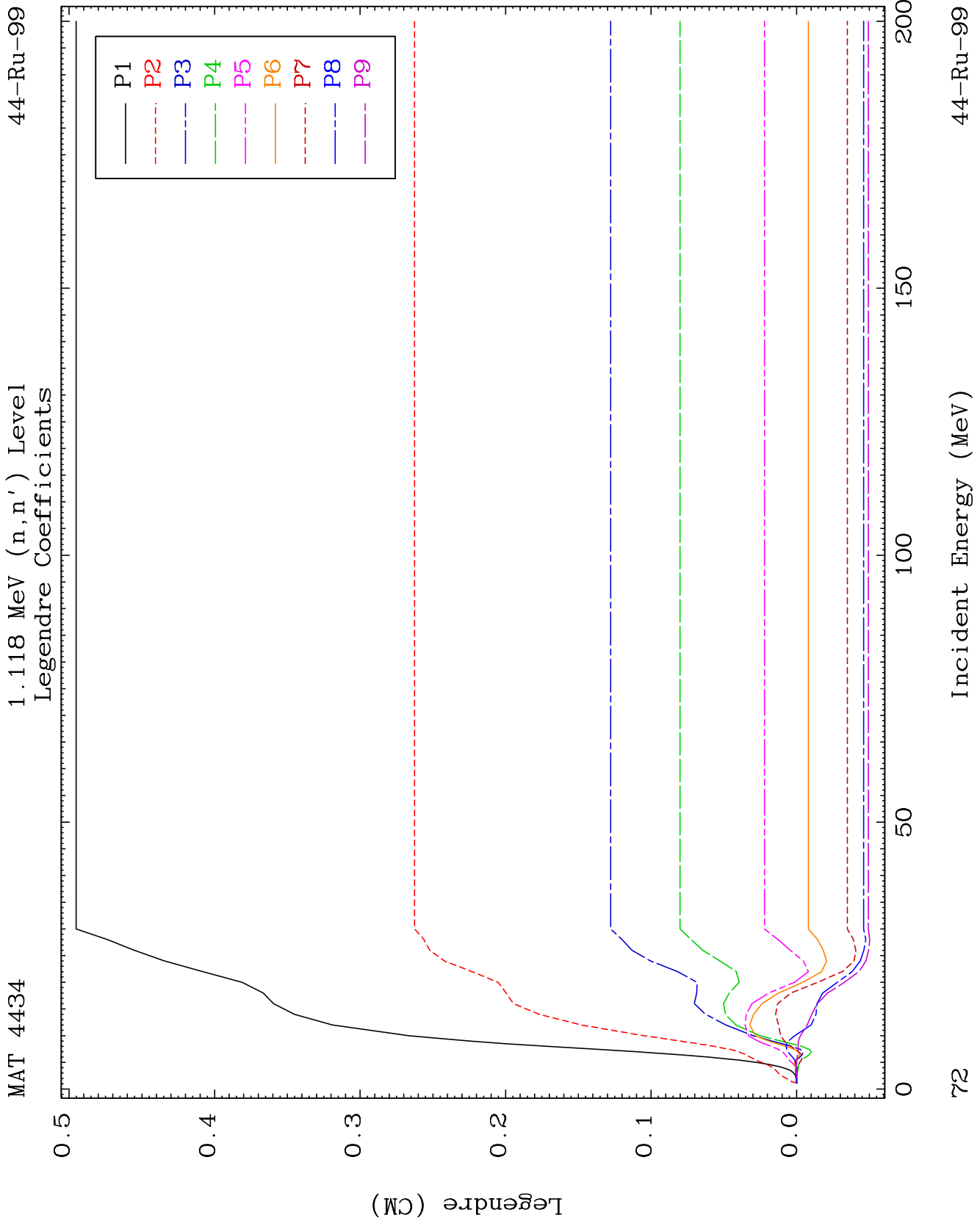


70

Incident Energy (MeV)

44-Ru-99

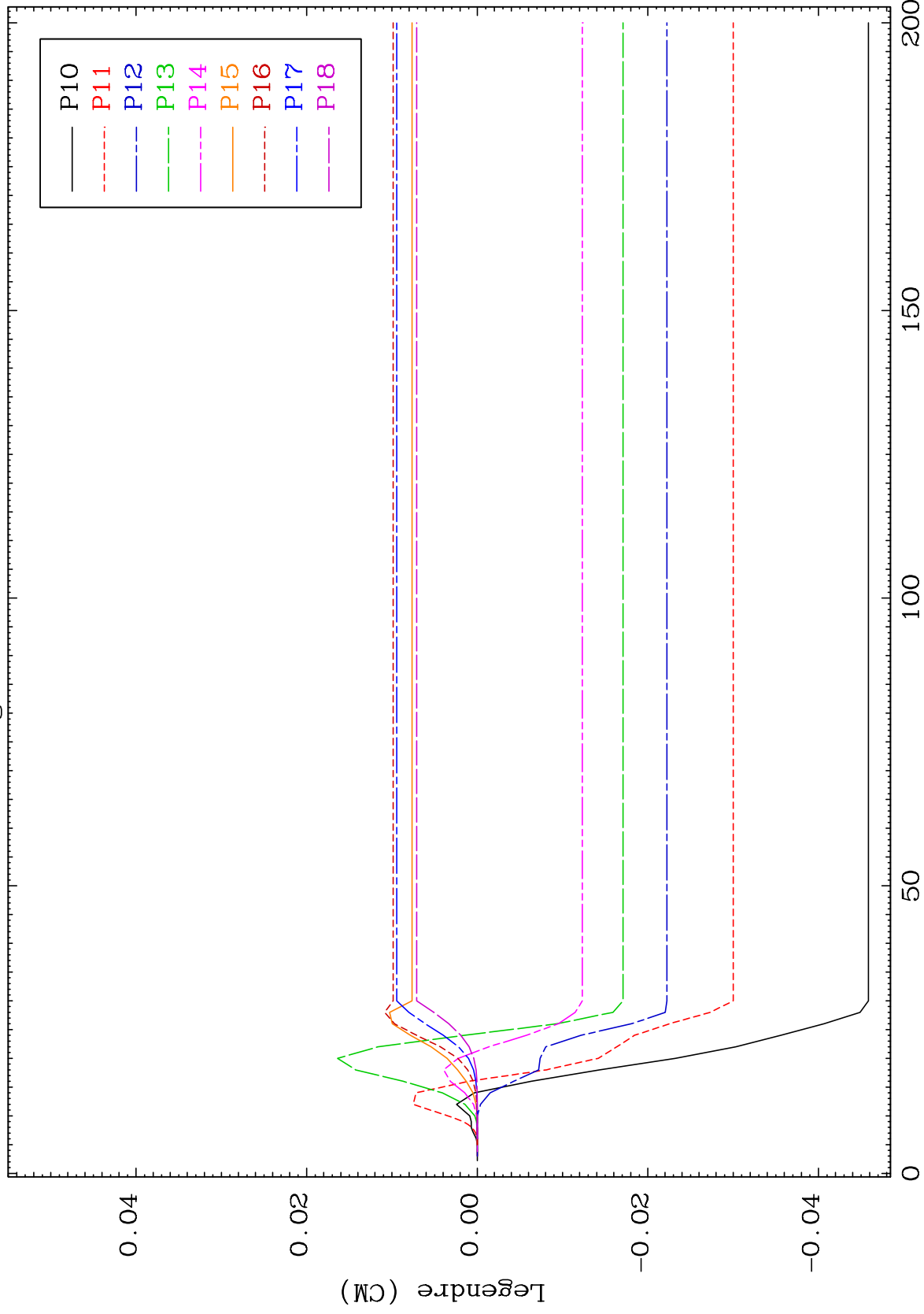




MAT 4434

1.118 MeV (n,n') Level
Legendre Coefficients

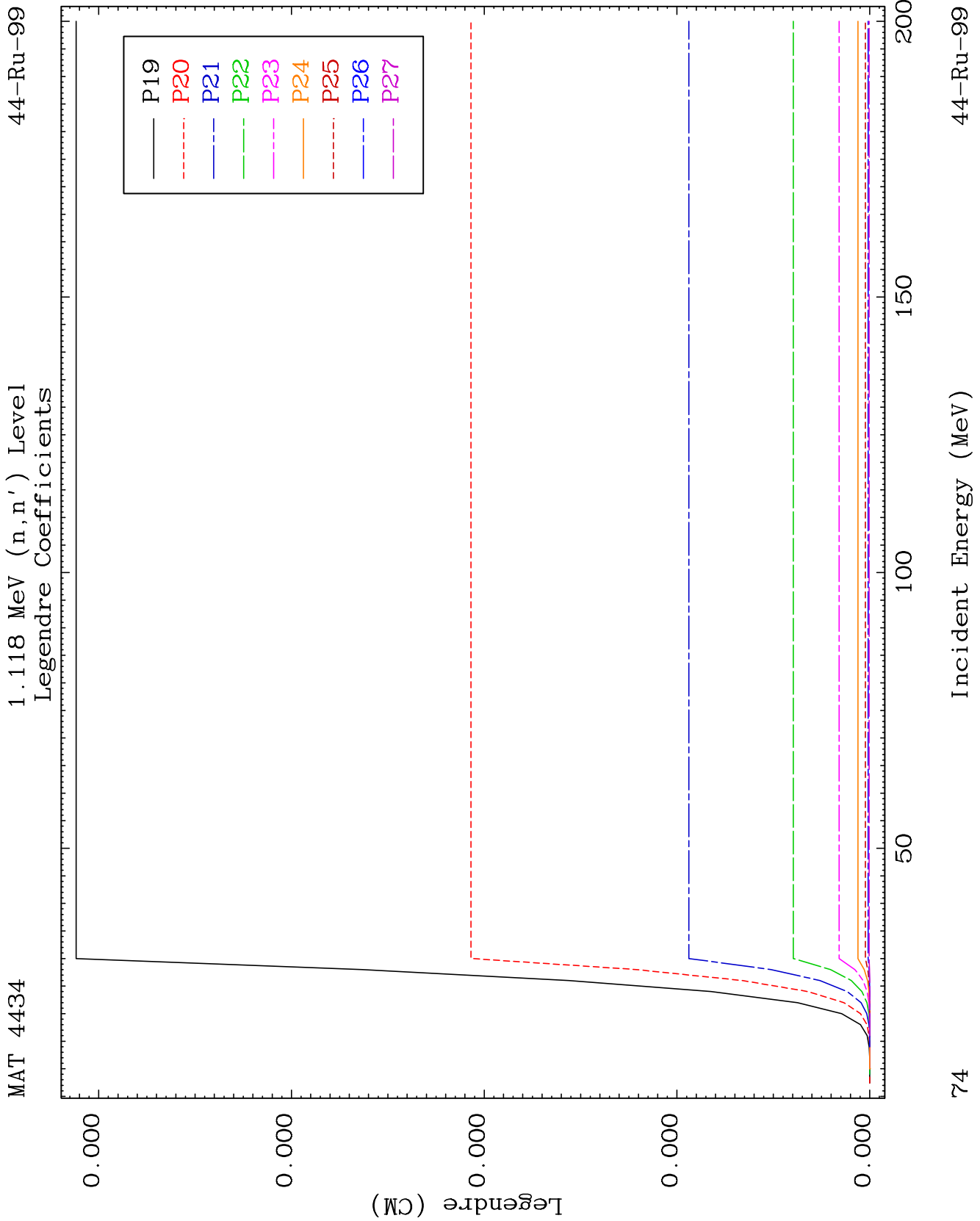
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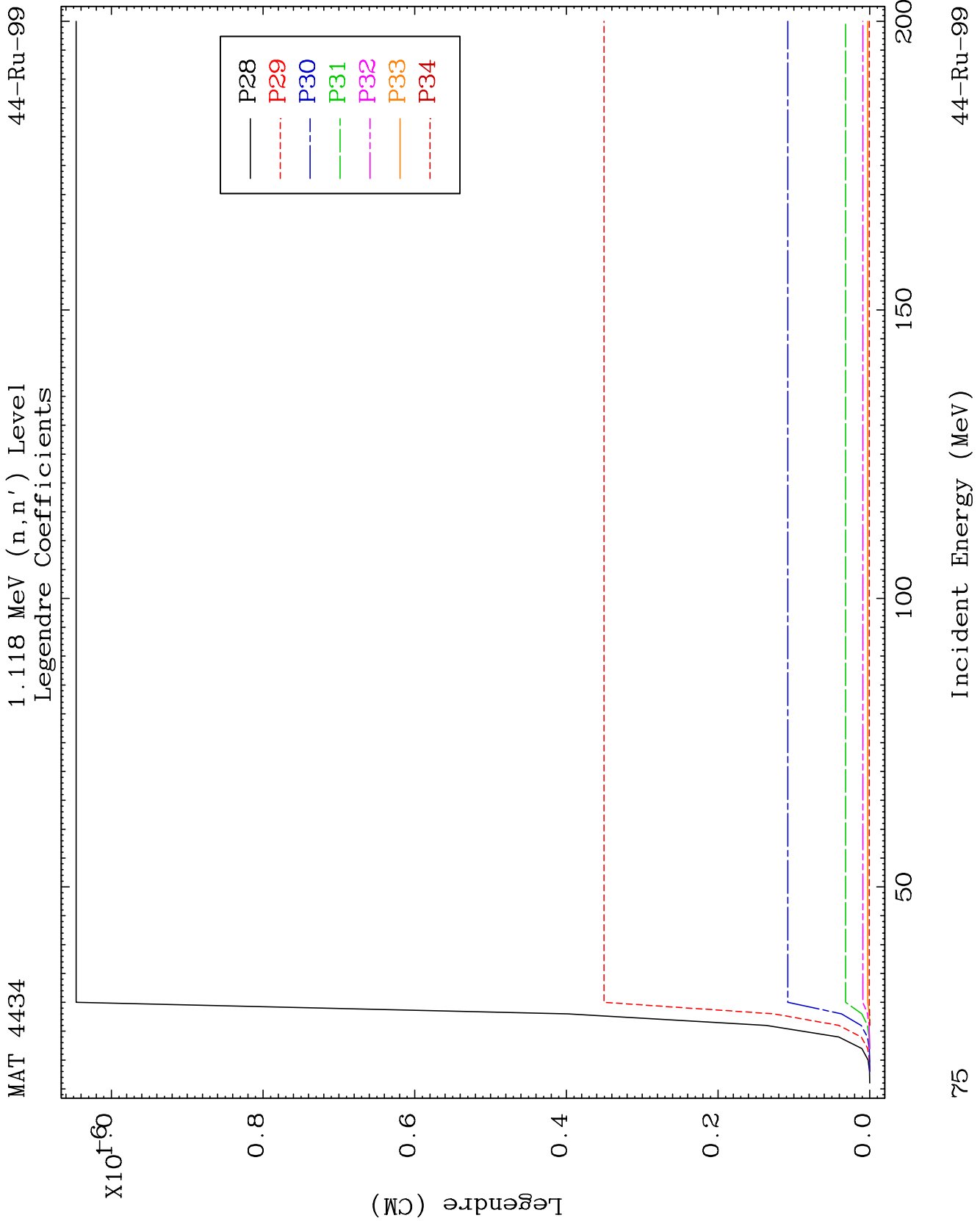


73

Incident Energy (MeV)

44-Ru-99

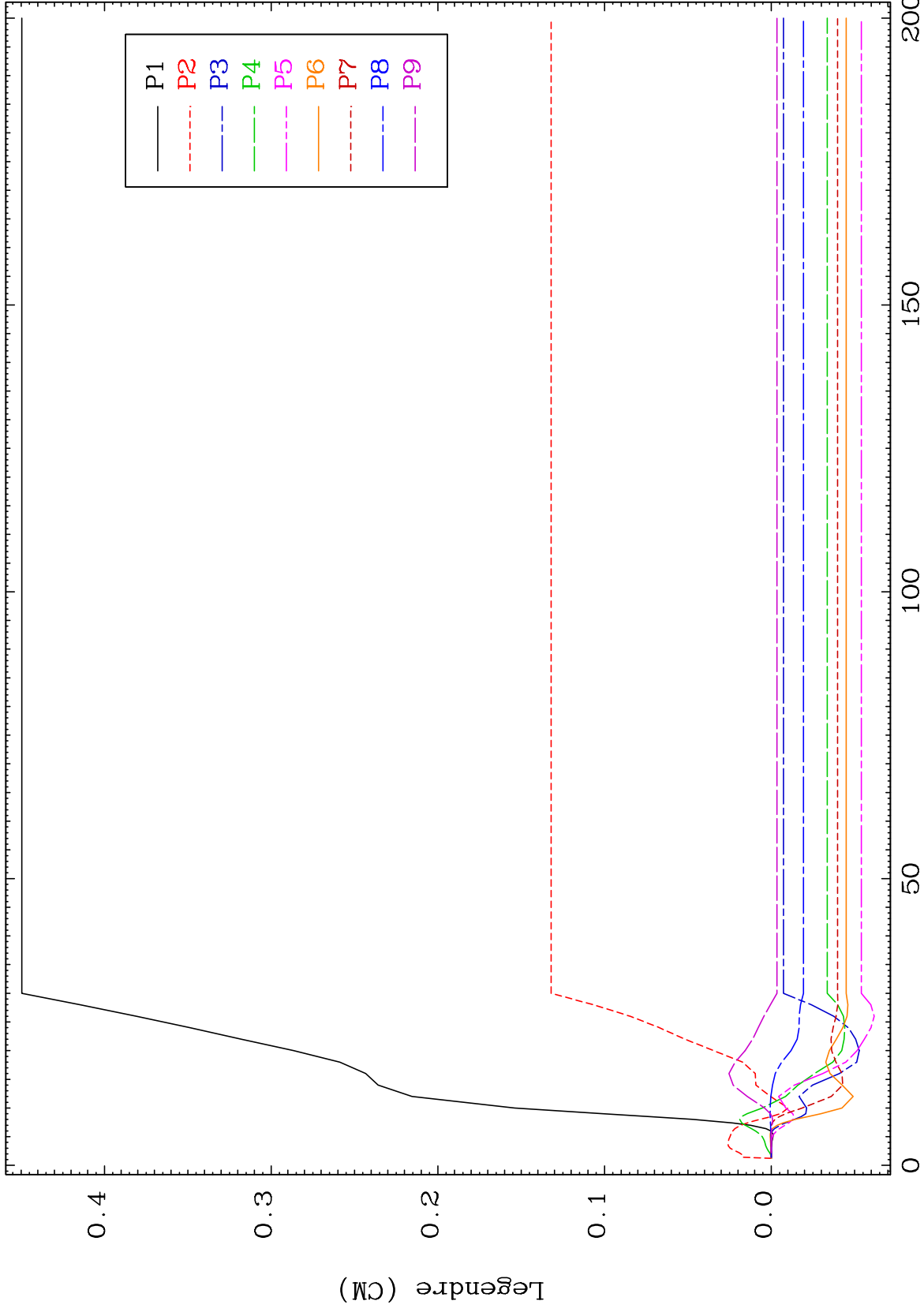




MAT 4434

1.201 MeV (n,n') Level
Legendre Coefficients

44-Ru-99



76

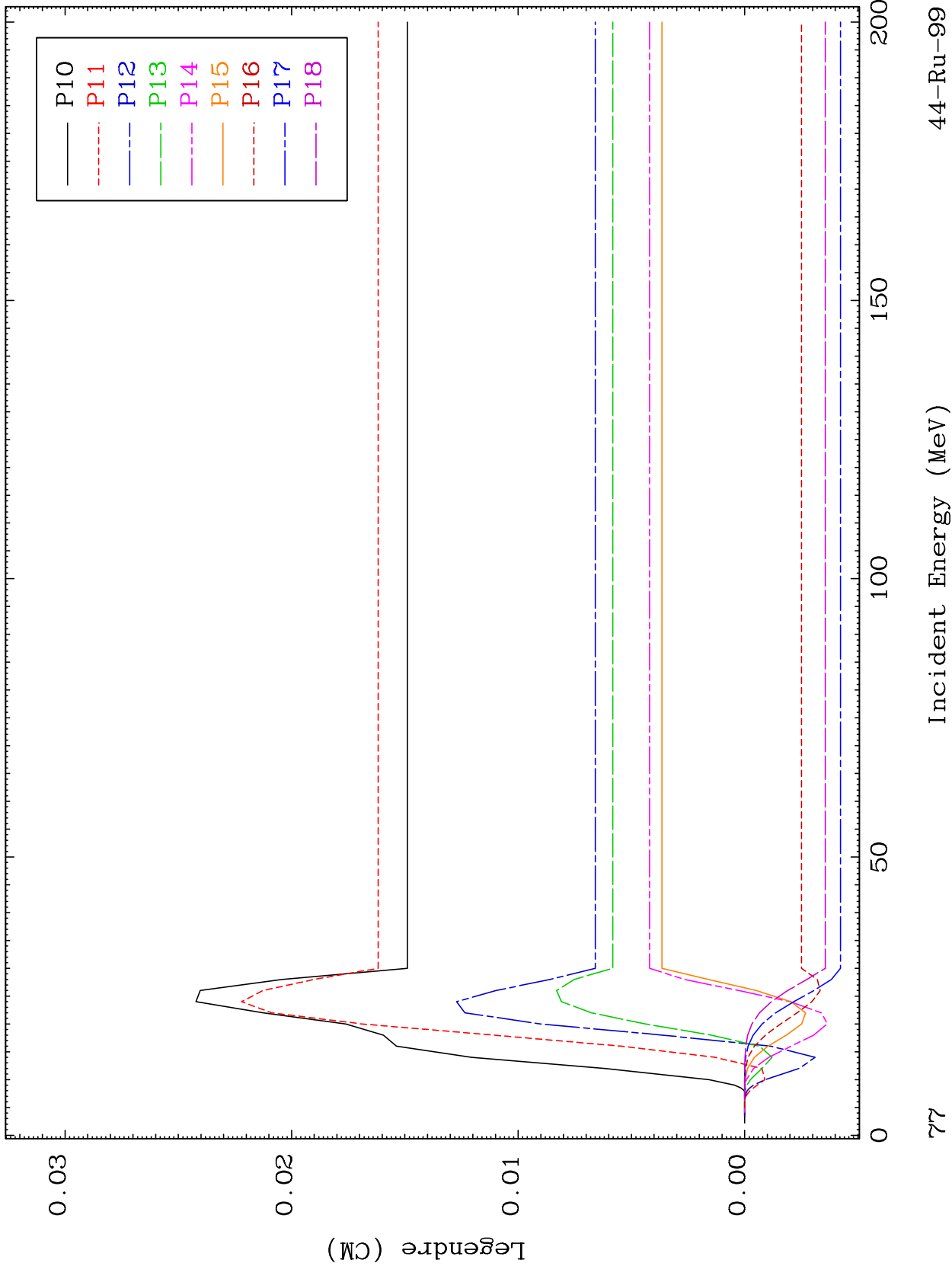
Incident Energy (MeV)

44-Ru-99

MAT 4434

1.201 MeV (n,n') Level
Legendre Coefficients

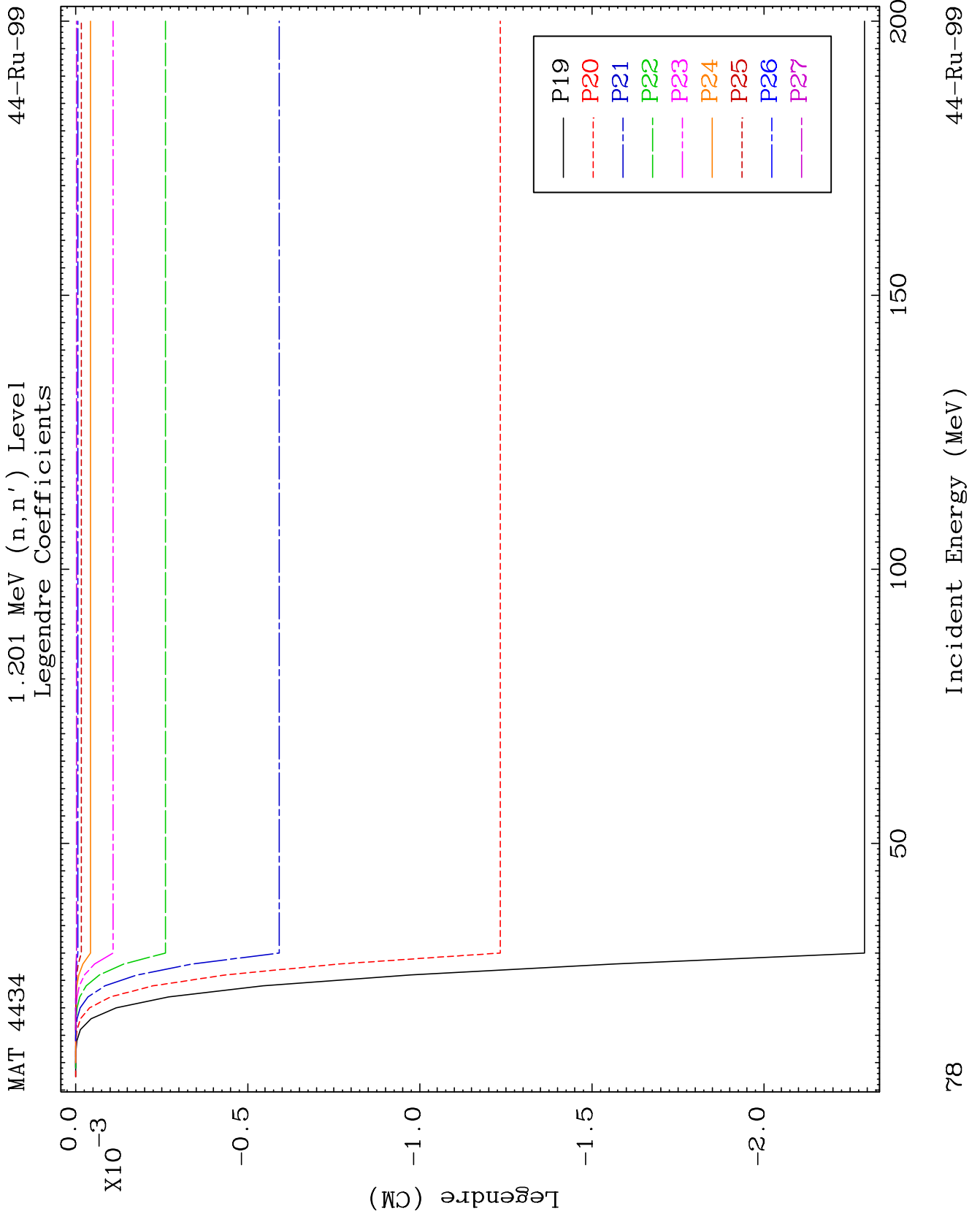
44-Ru-99

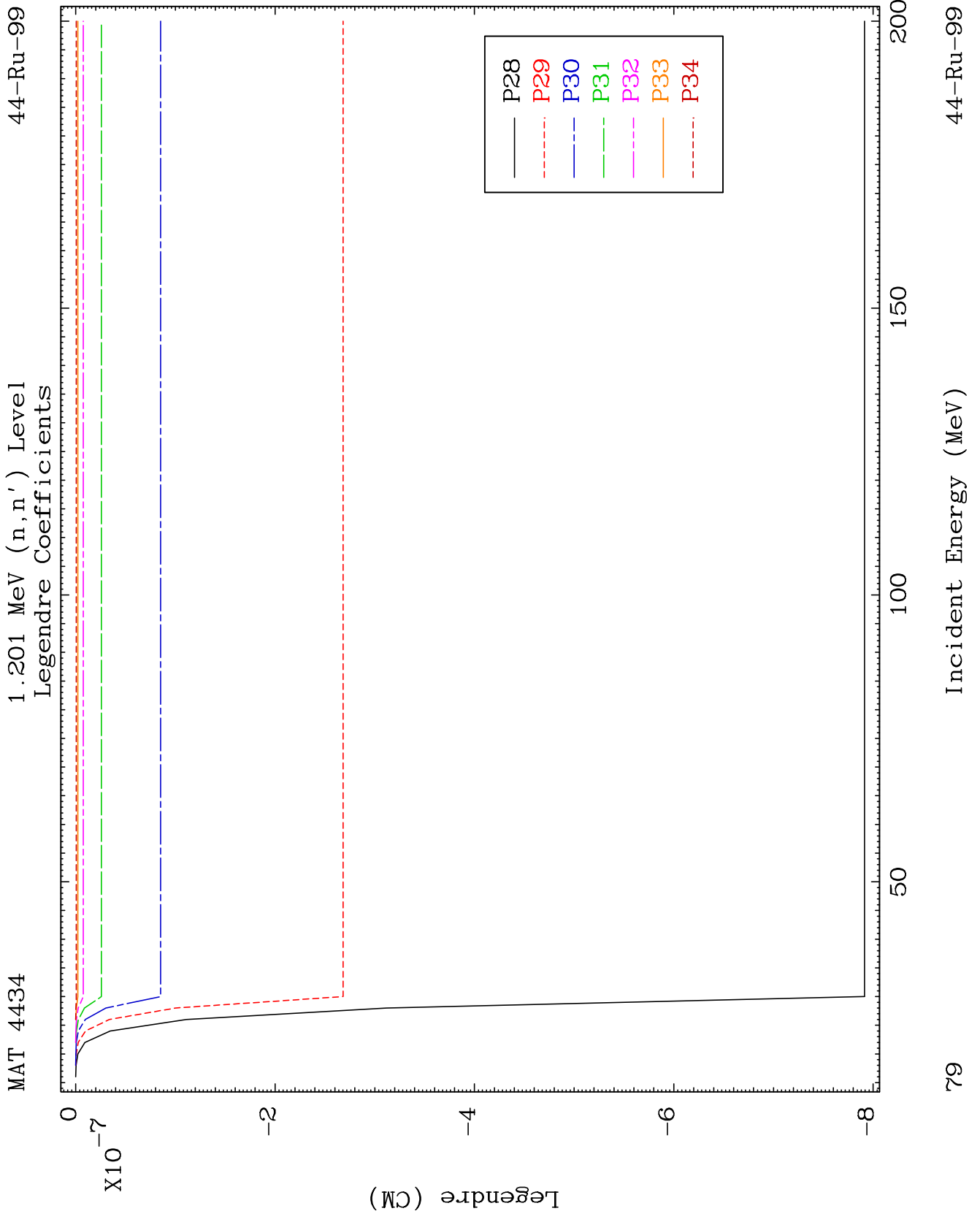


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Incident Energy (MeV)

44-Ru-99

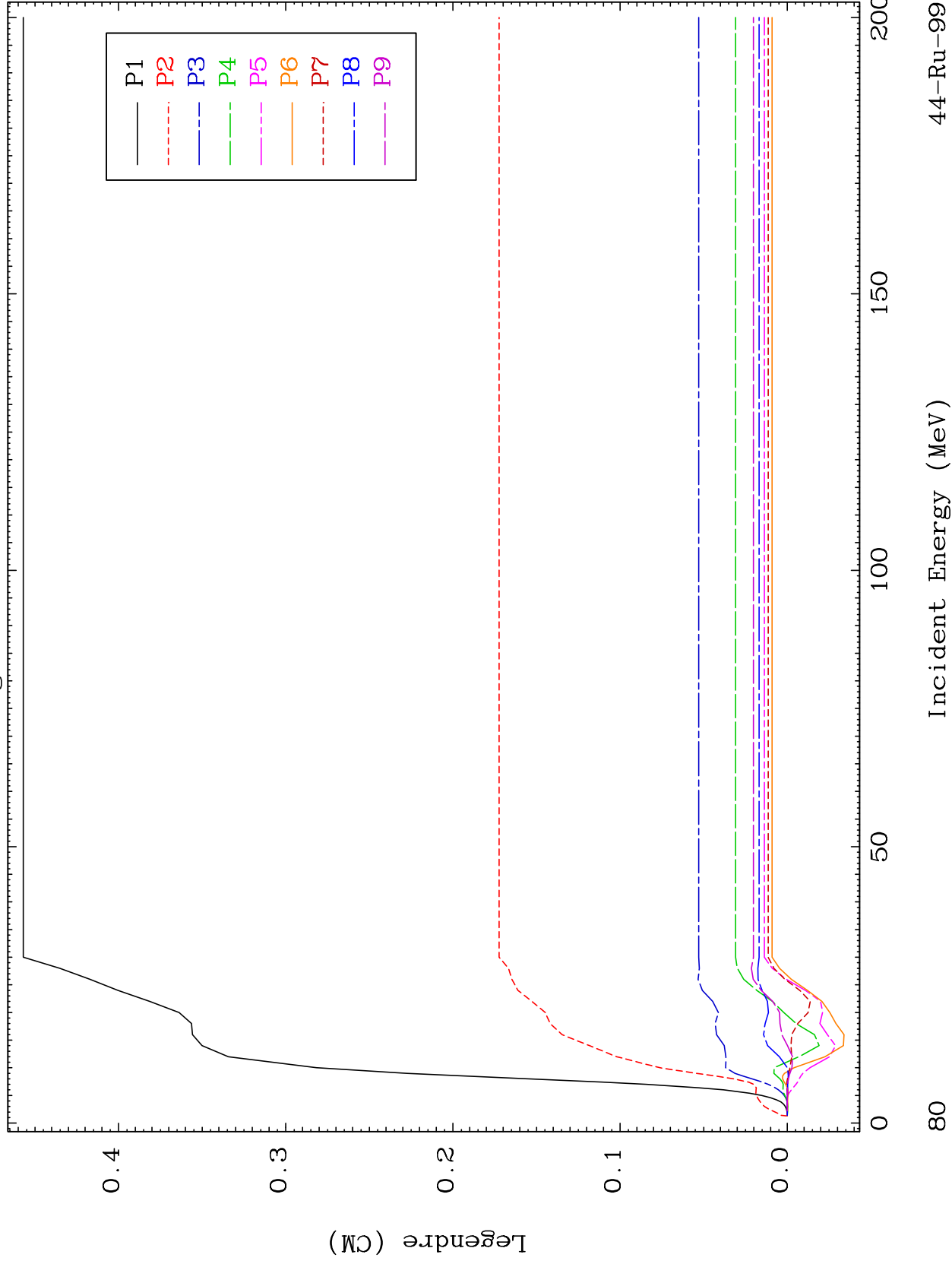




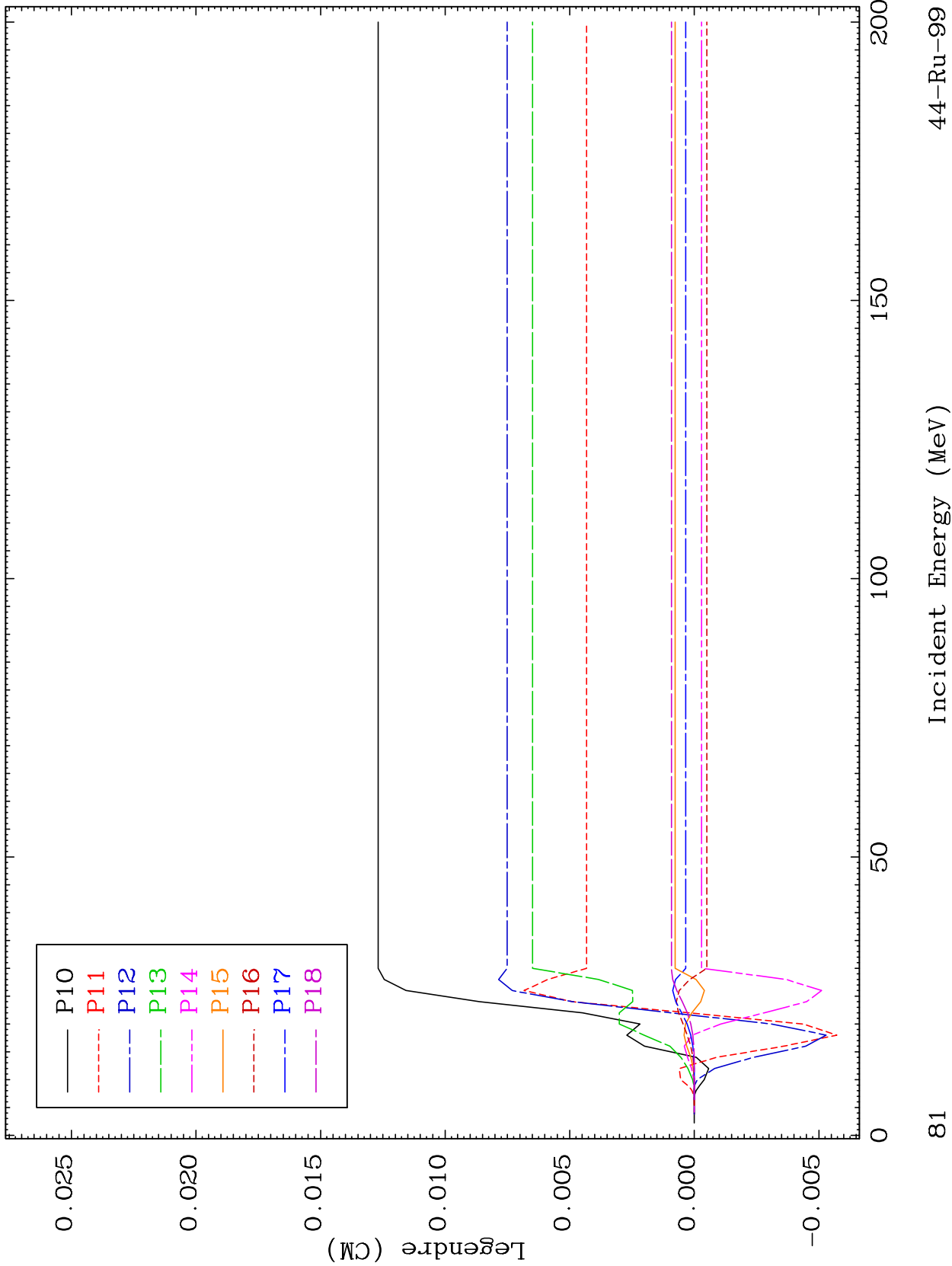
MAT 4434

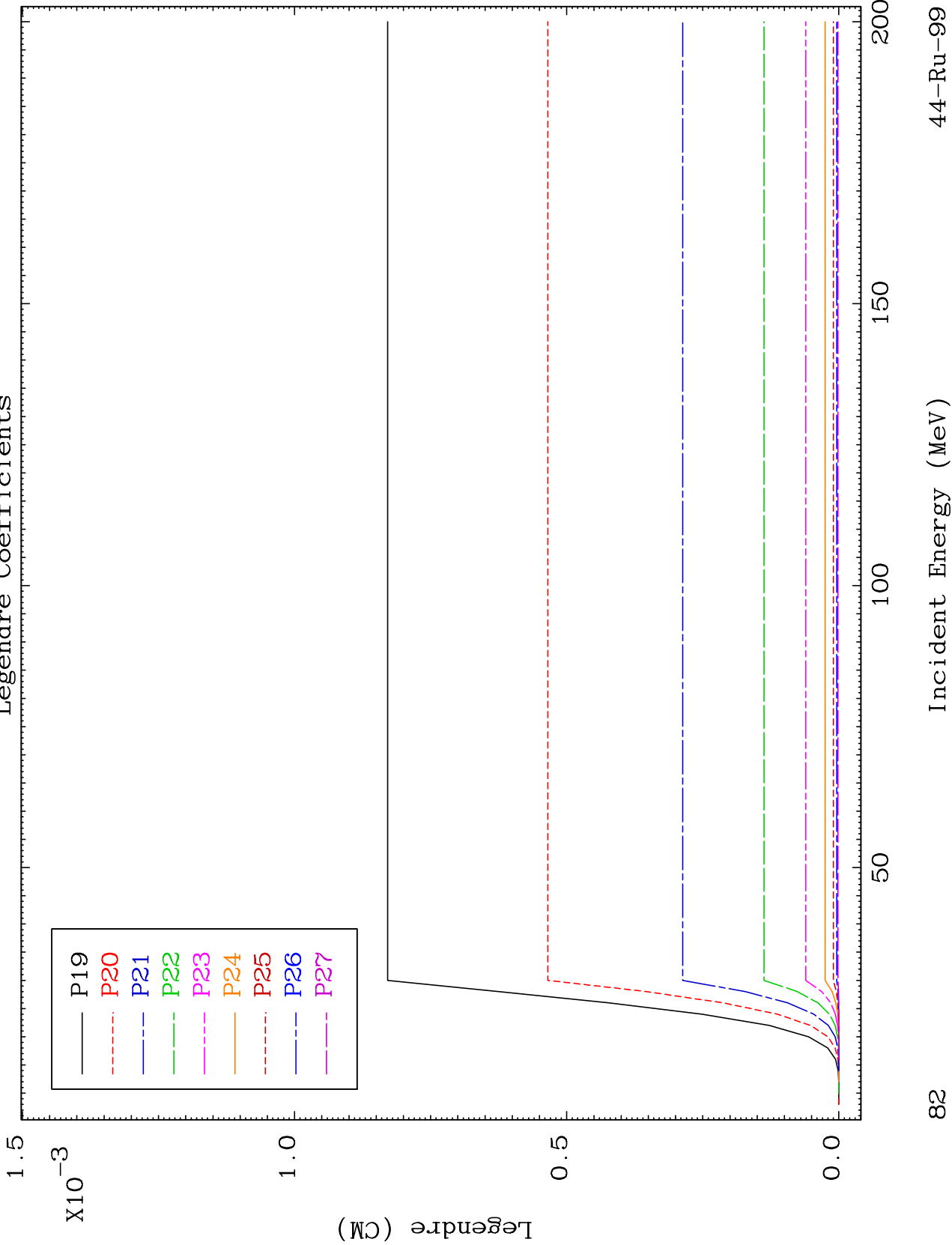
1.261 MeV (n,n') Level
Legendre Coefficients

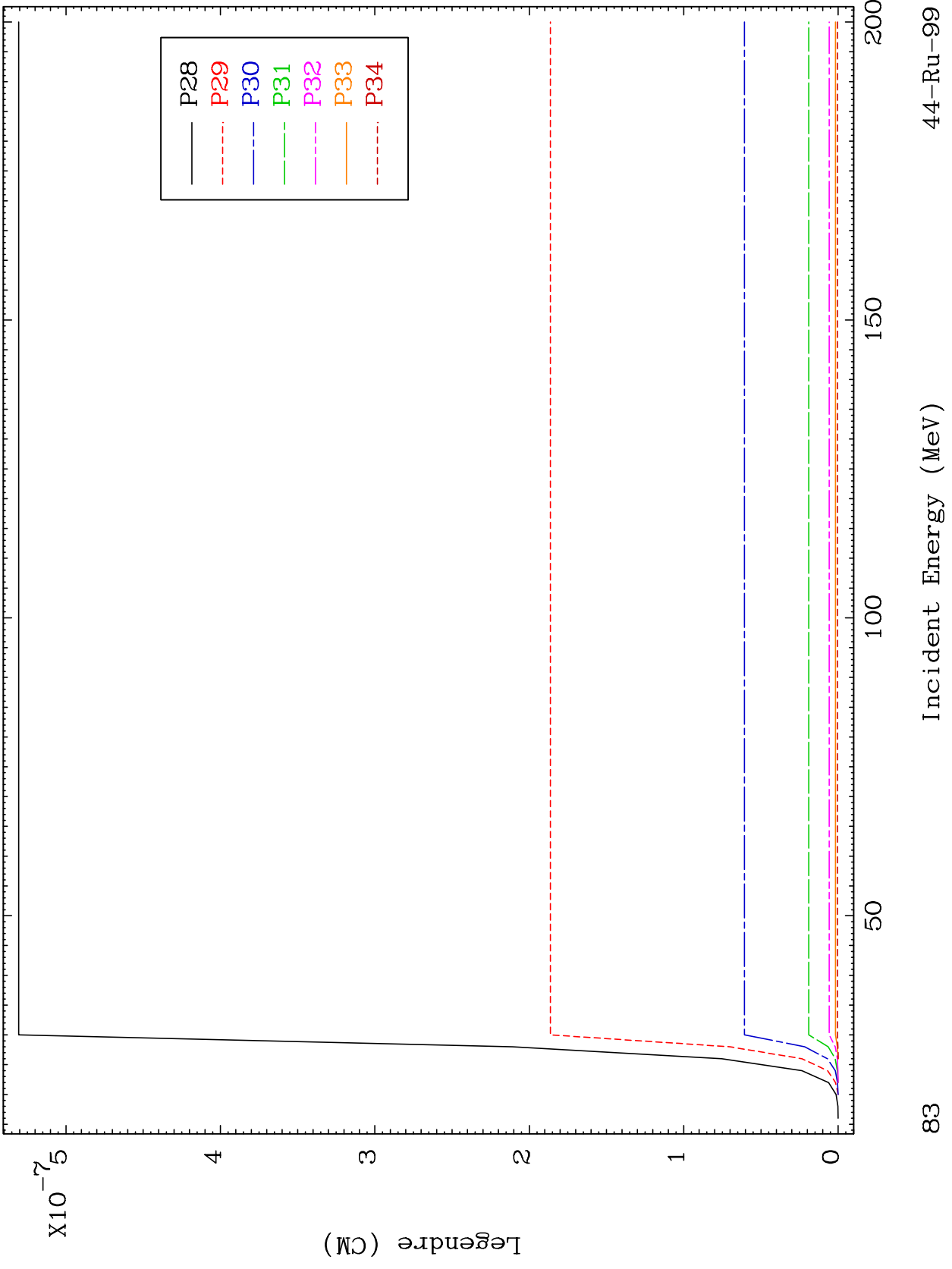
44-Ru-99

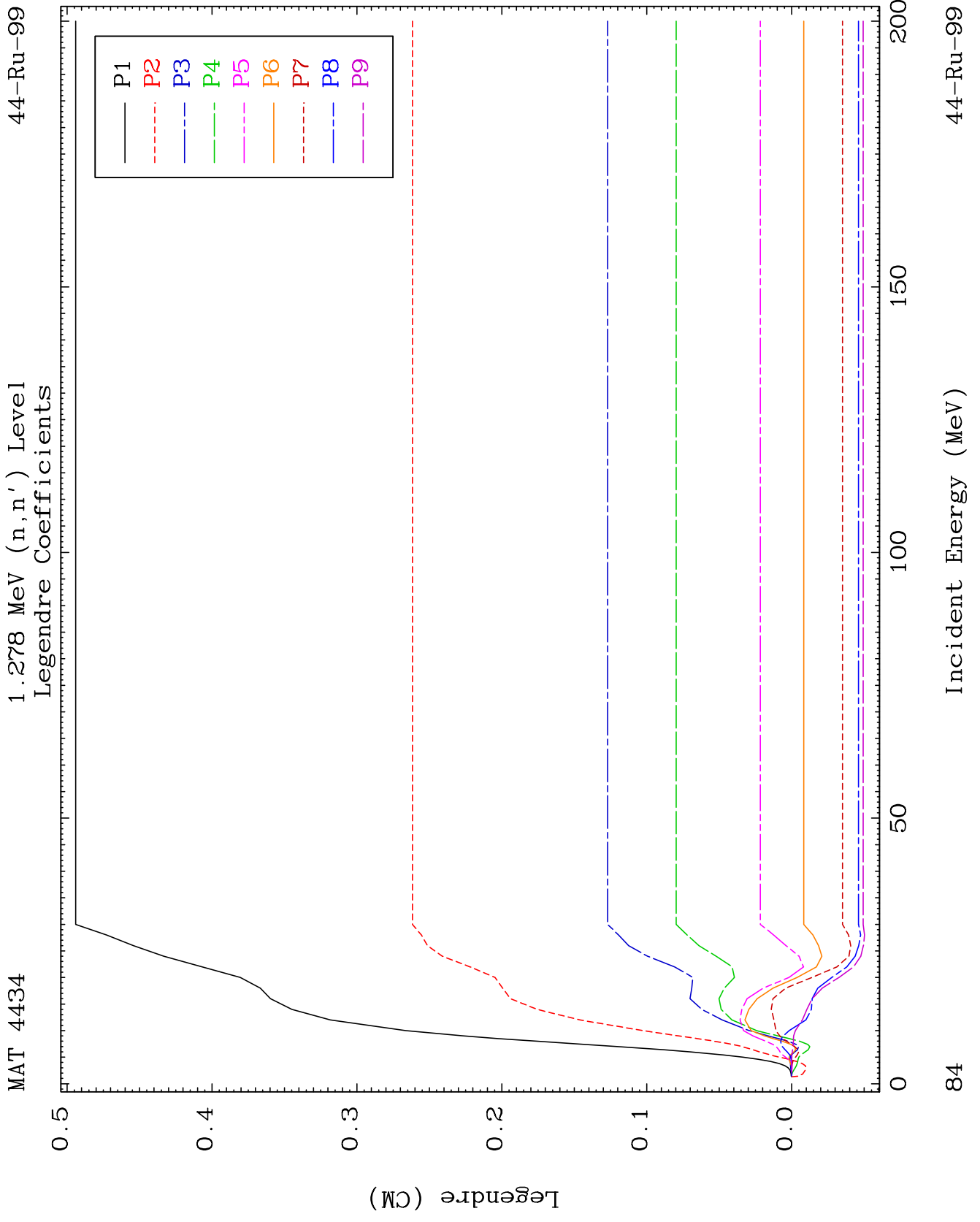


44-Ru-99





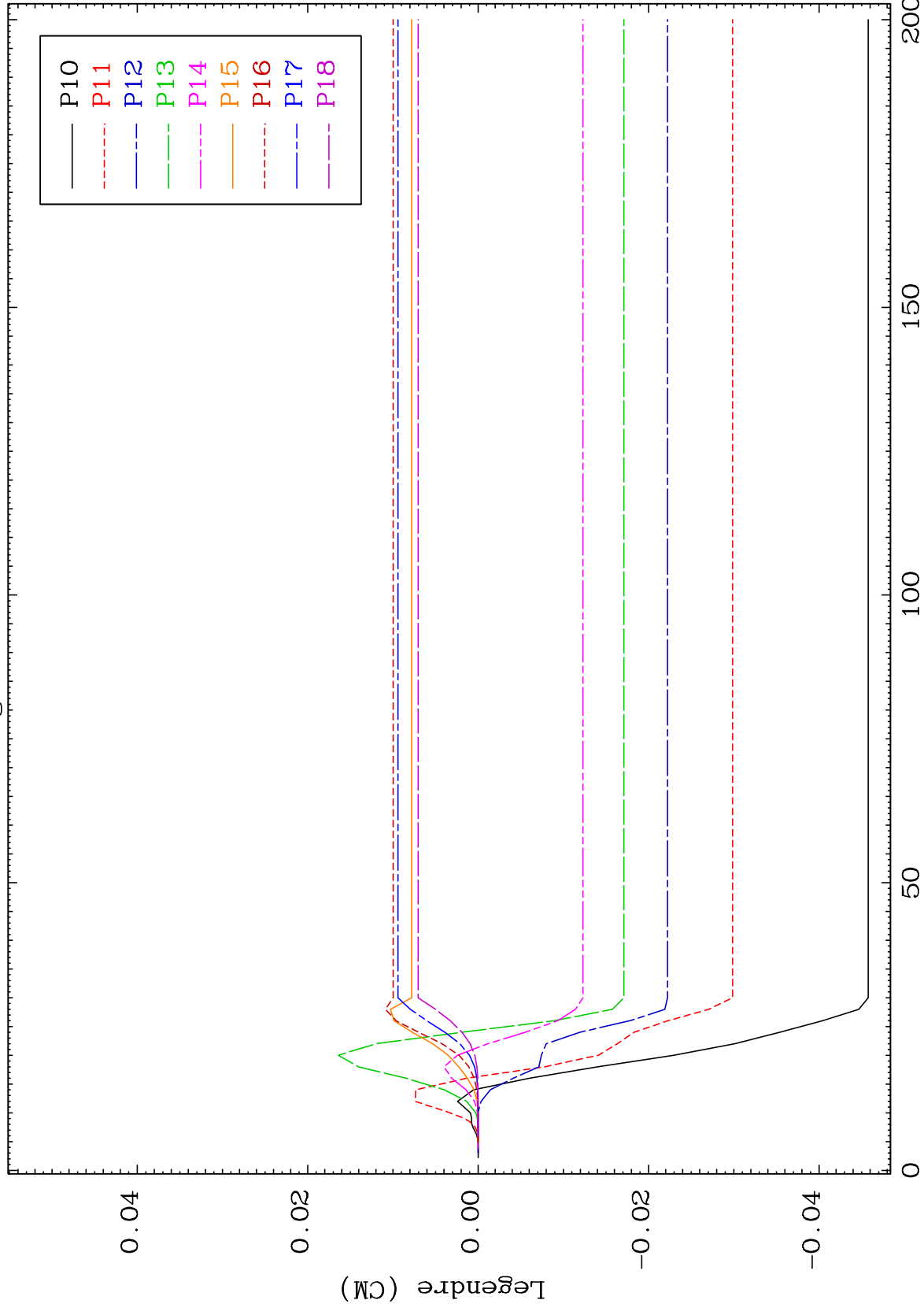




MAT 4434

1.278 MeV (n, n') Level
Legendre Coefficients

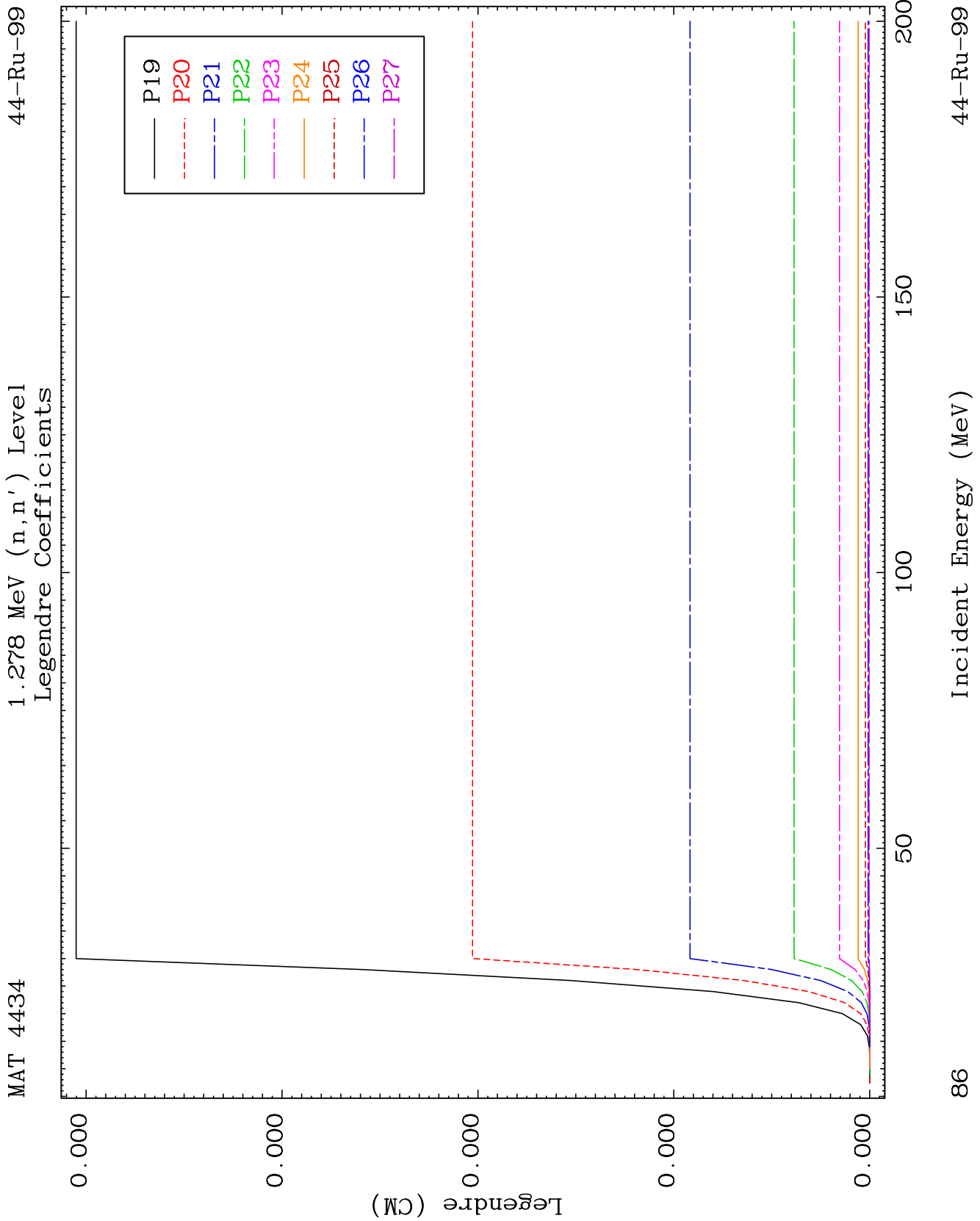
44-Ru-99

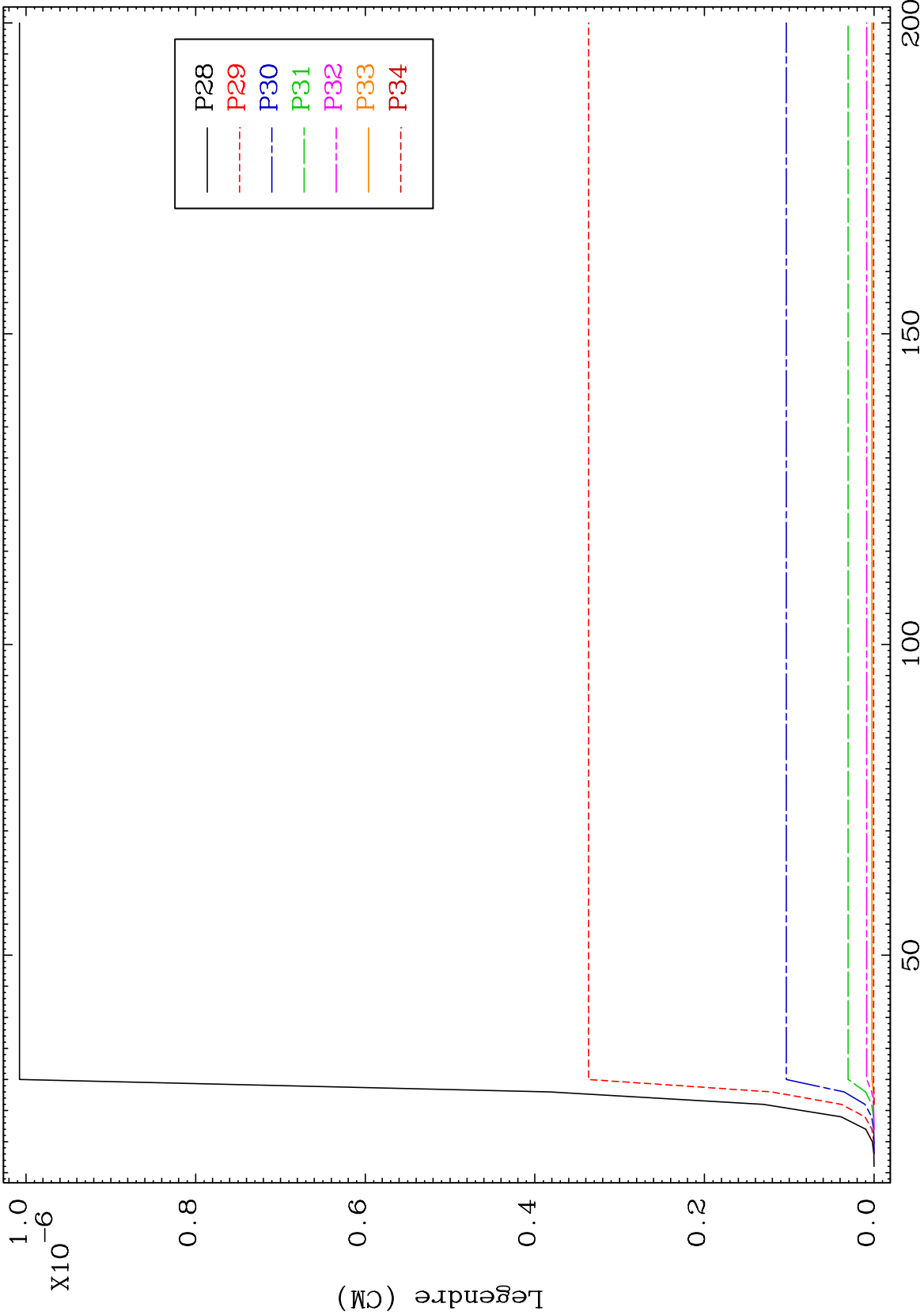


85

Incident Energy (MeV)

44-Ru-99

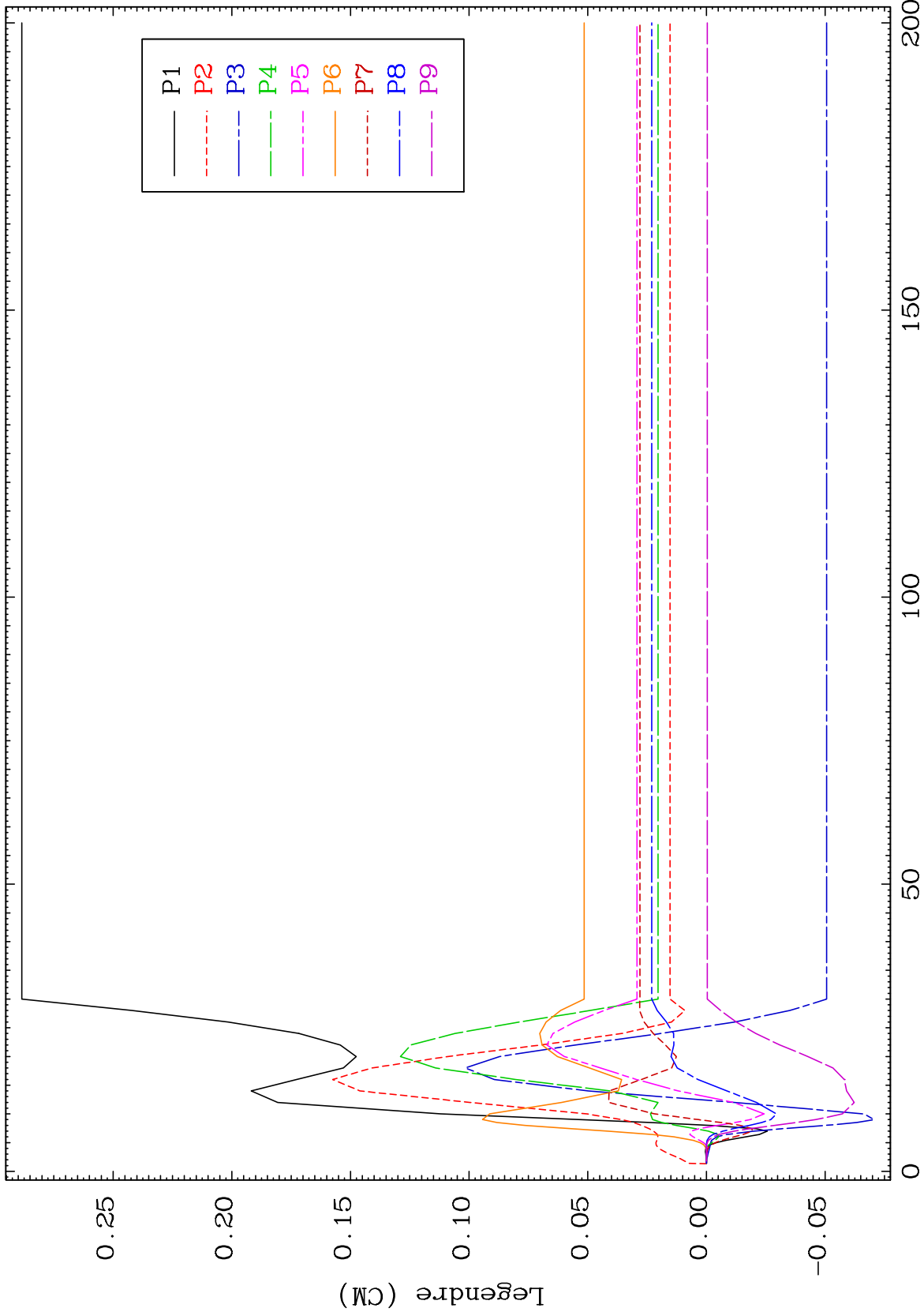




MAT 4434

1.291 MeV (n,n') Level
Legendre Coefficients

44-Ru-99



88

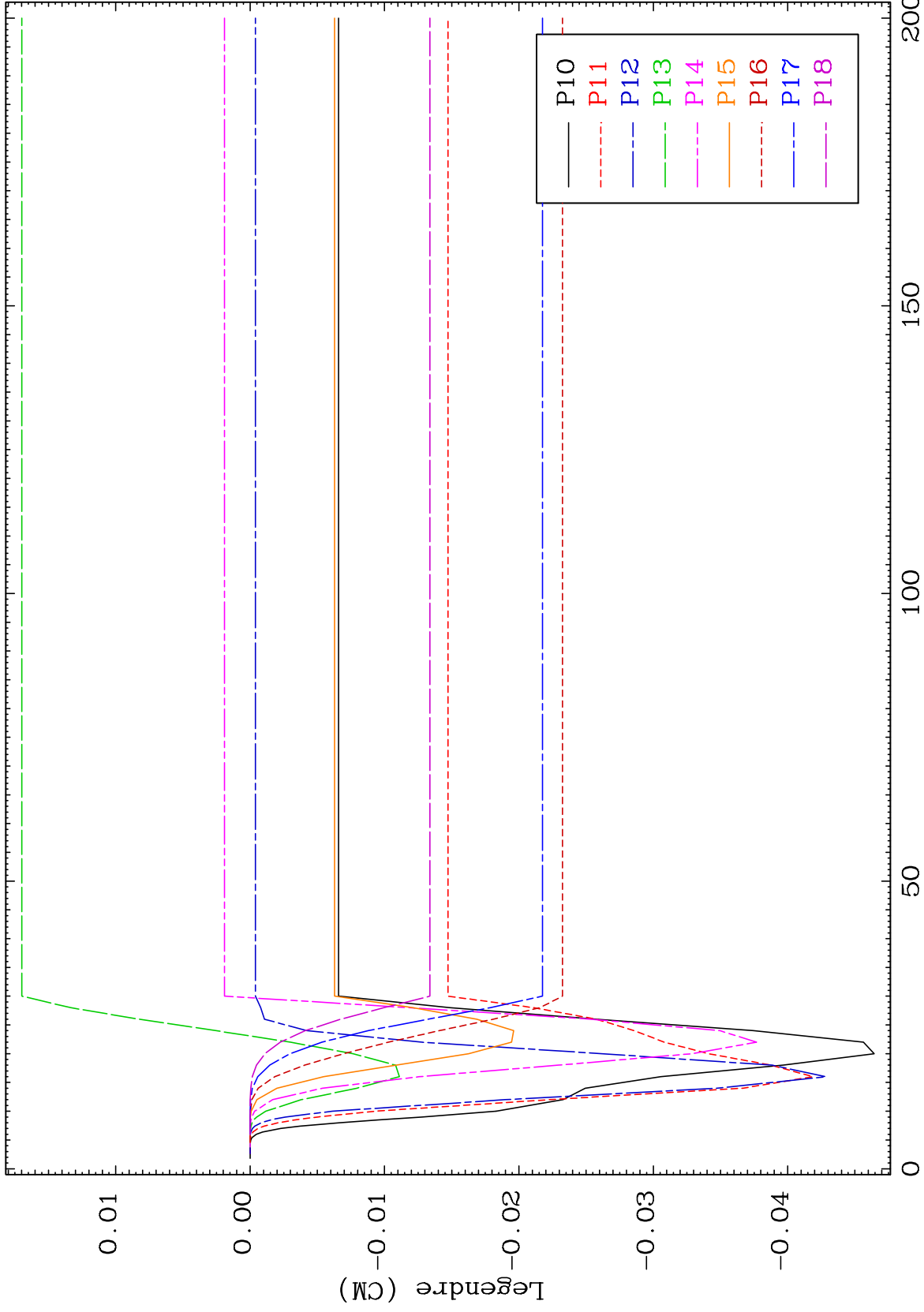
Incident Energy (MeV)

44-Ru-99

MAT 4434

1.291 MeV (n,n') Level
Legendre Coefficients

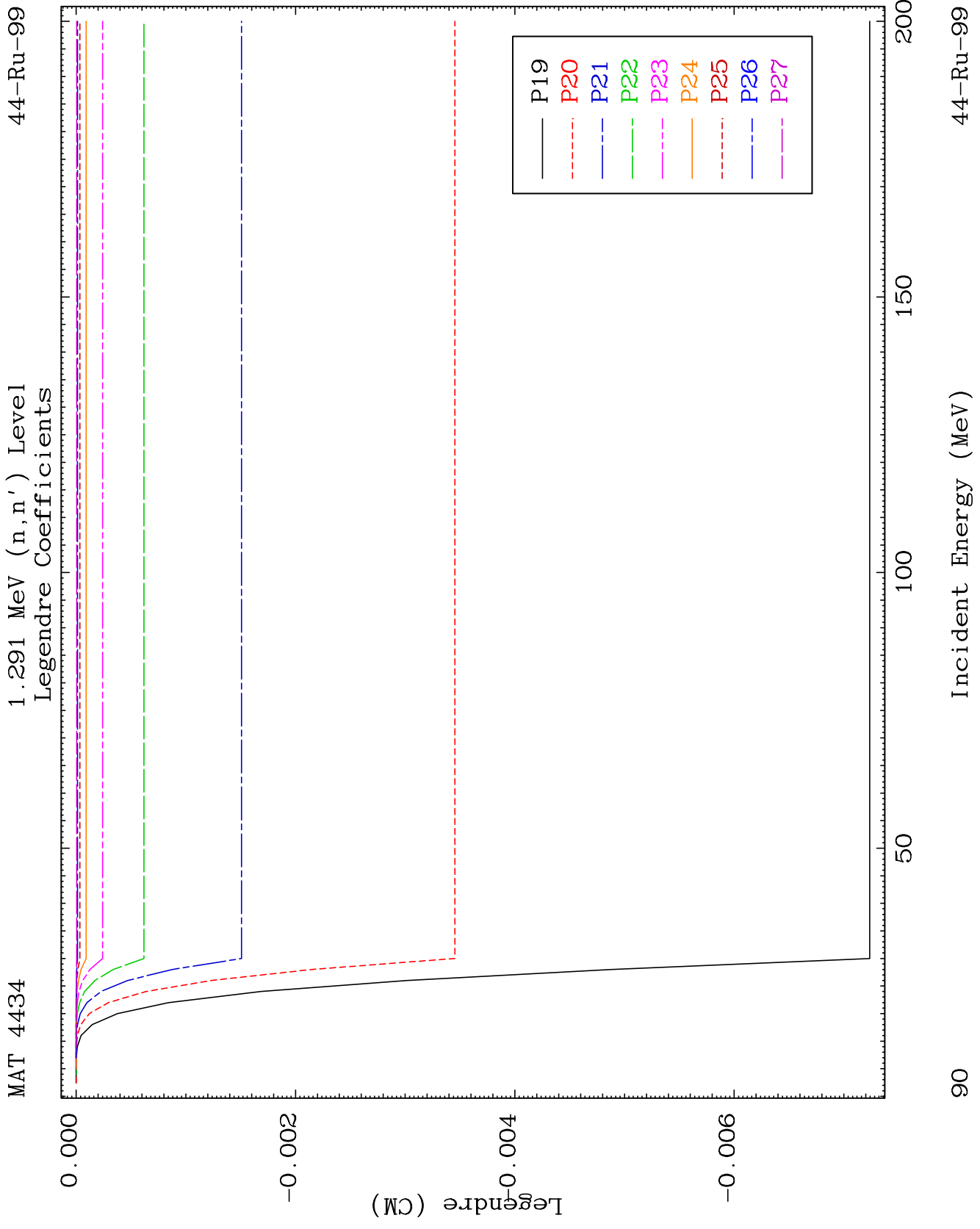
44-Ru-99

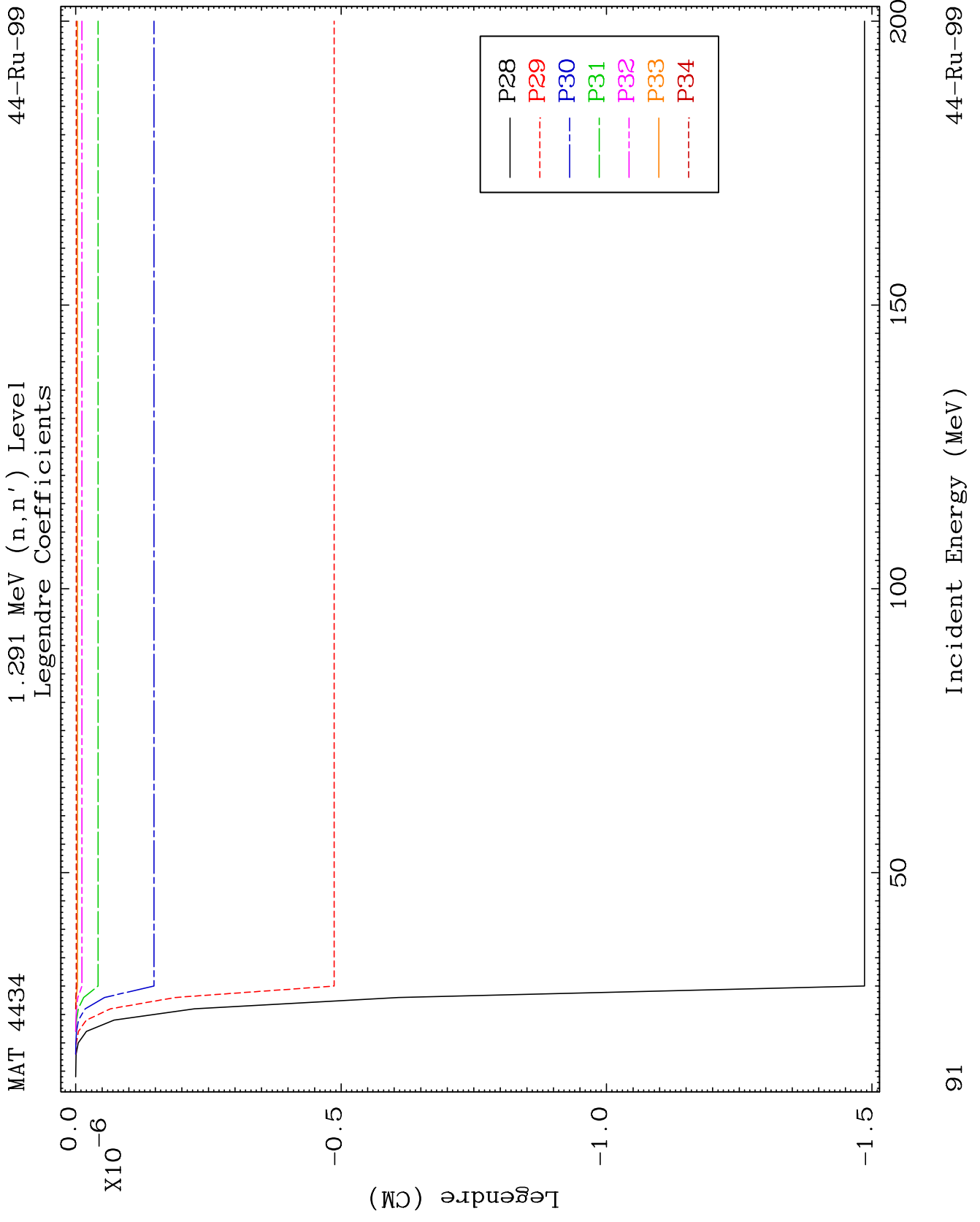


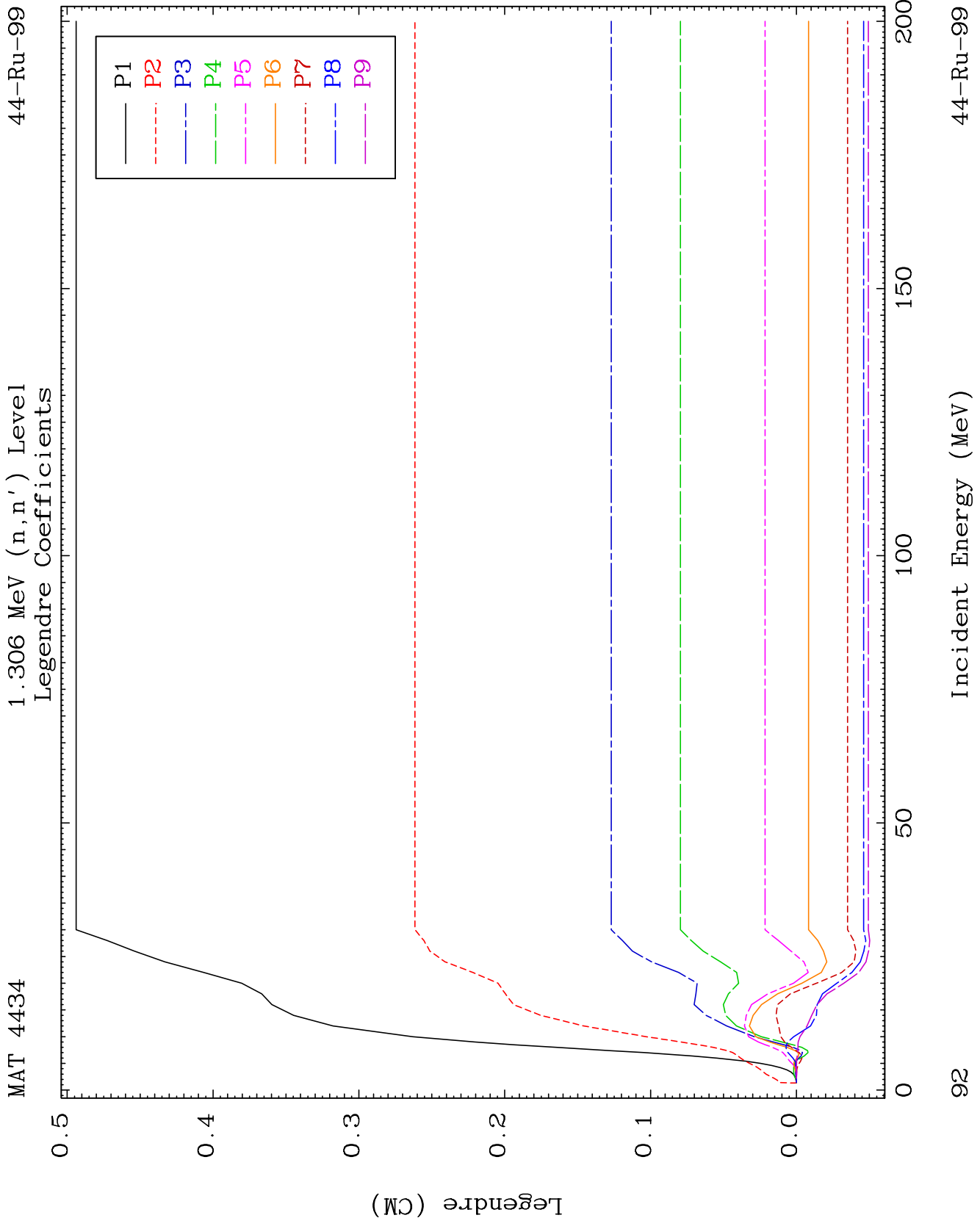
89

Incident Energy (MeV)

44-Ru-99



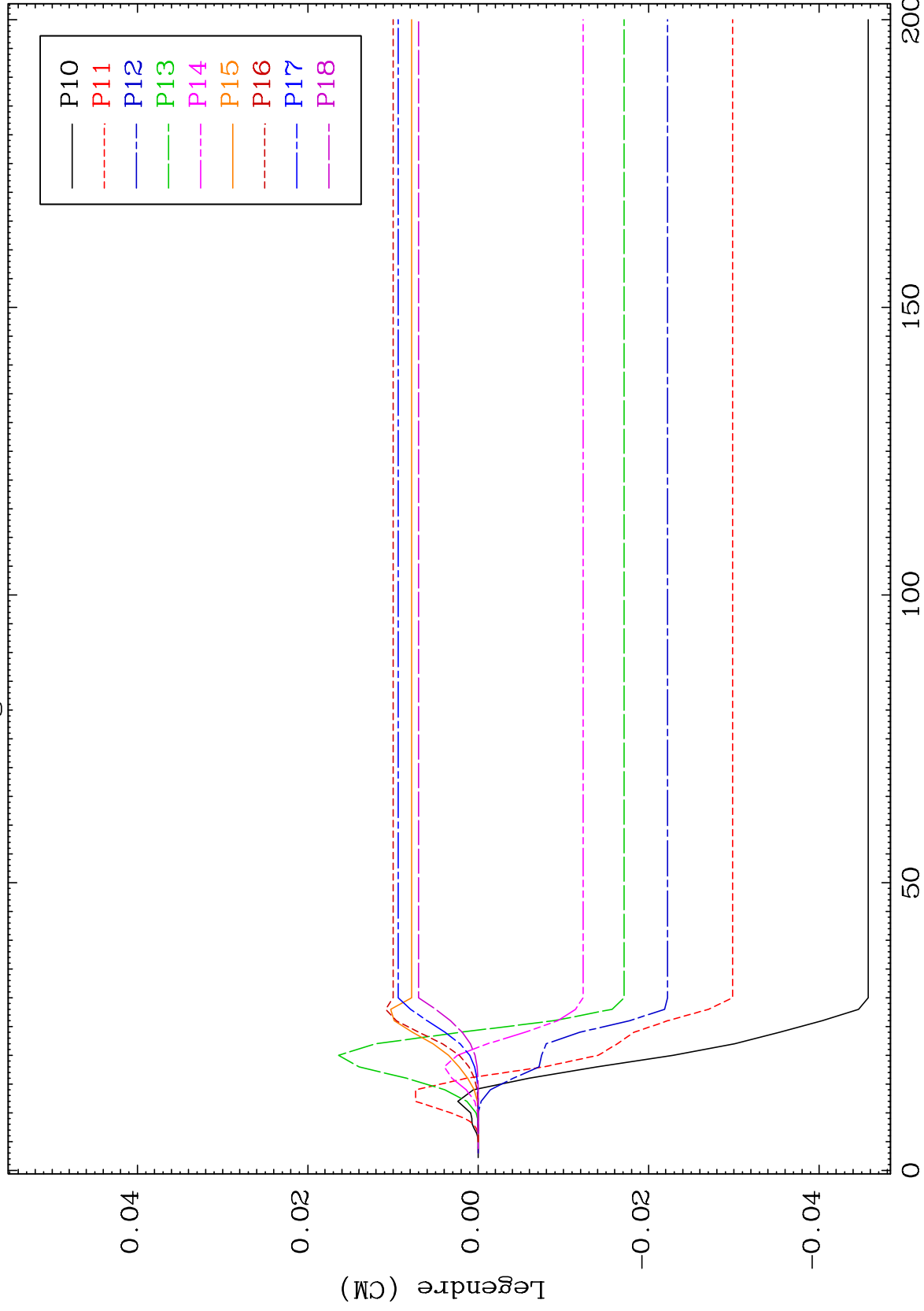




MAT 4434

1.306 MeV (n,n') Level
Legendre Coefficients

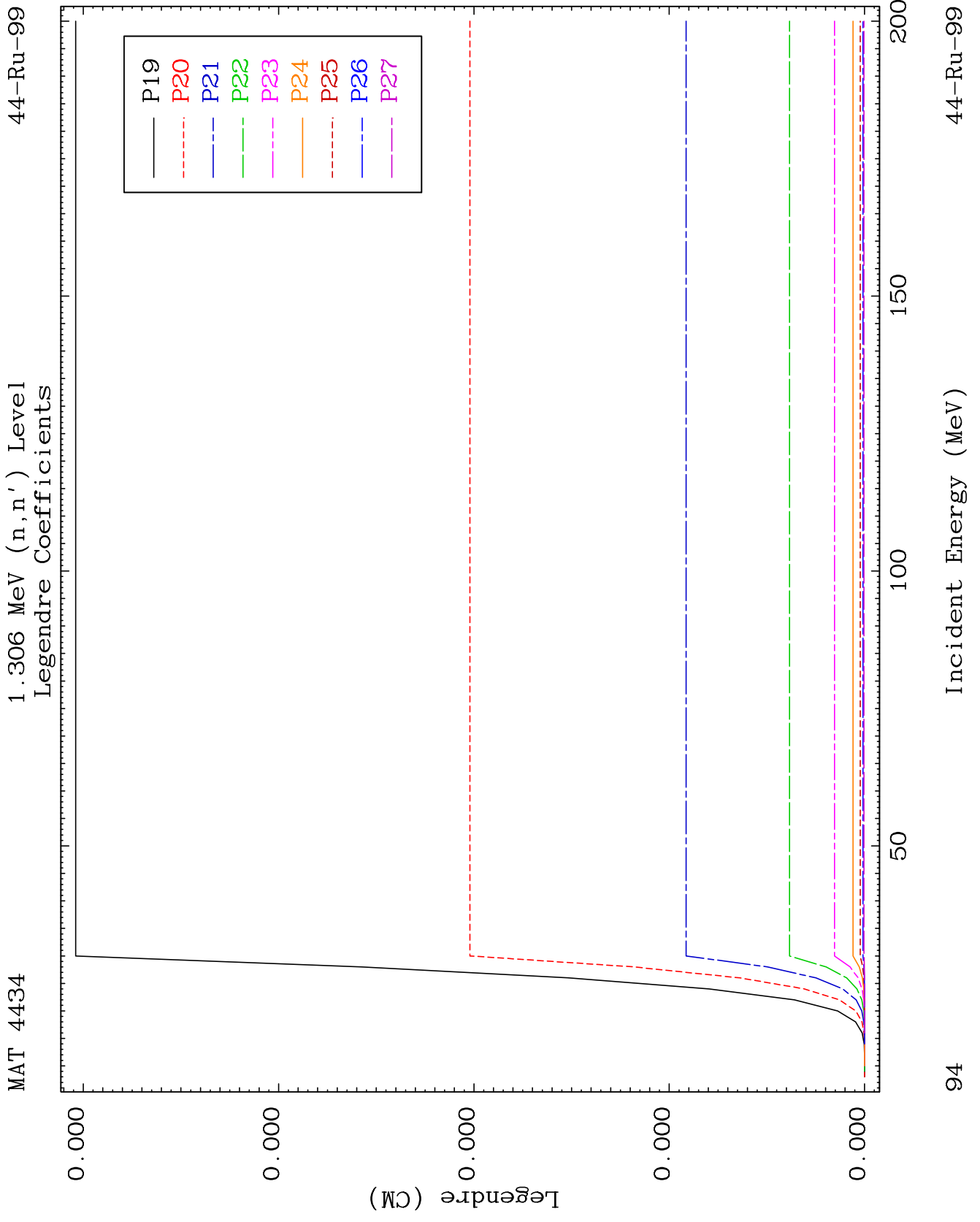
44-Ru-99

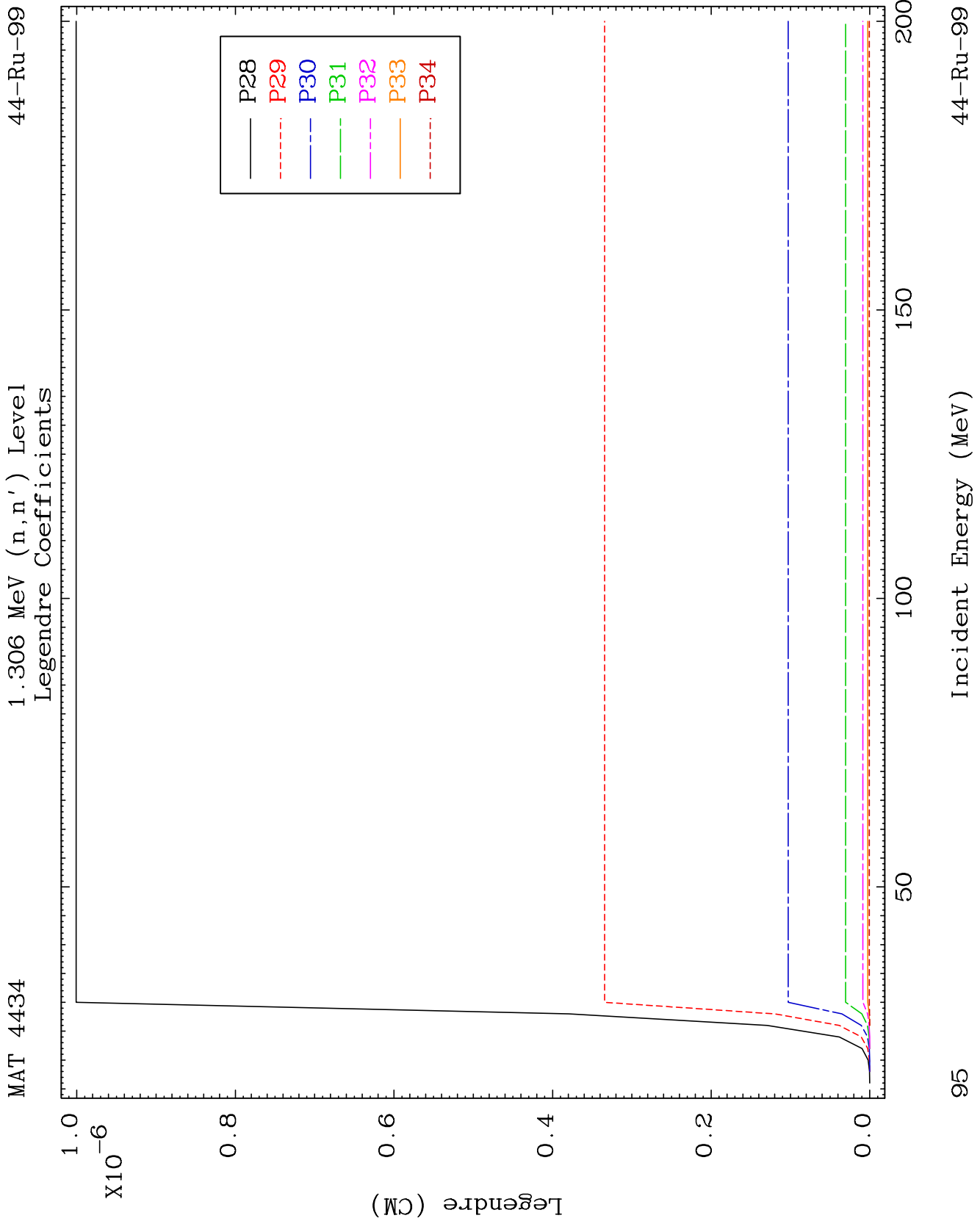


93

Incident Energy (MeV)

44-Ru-99

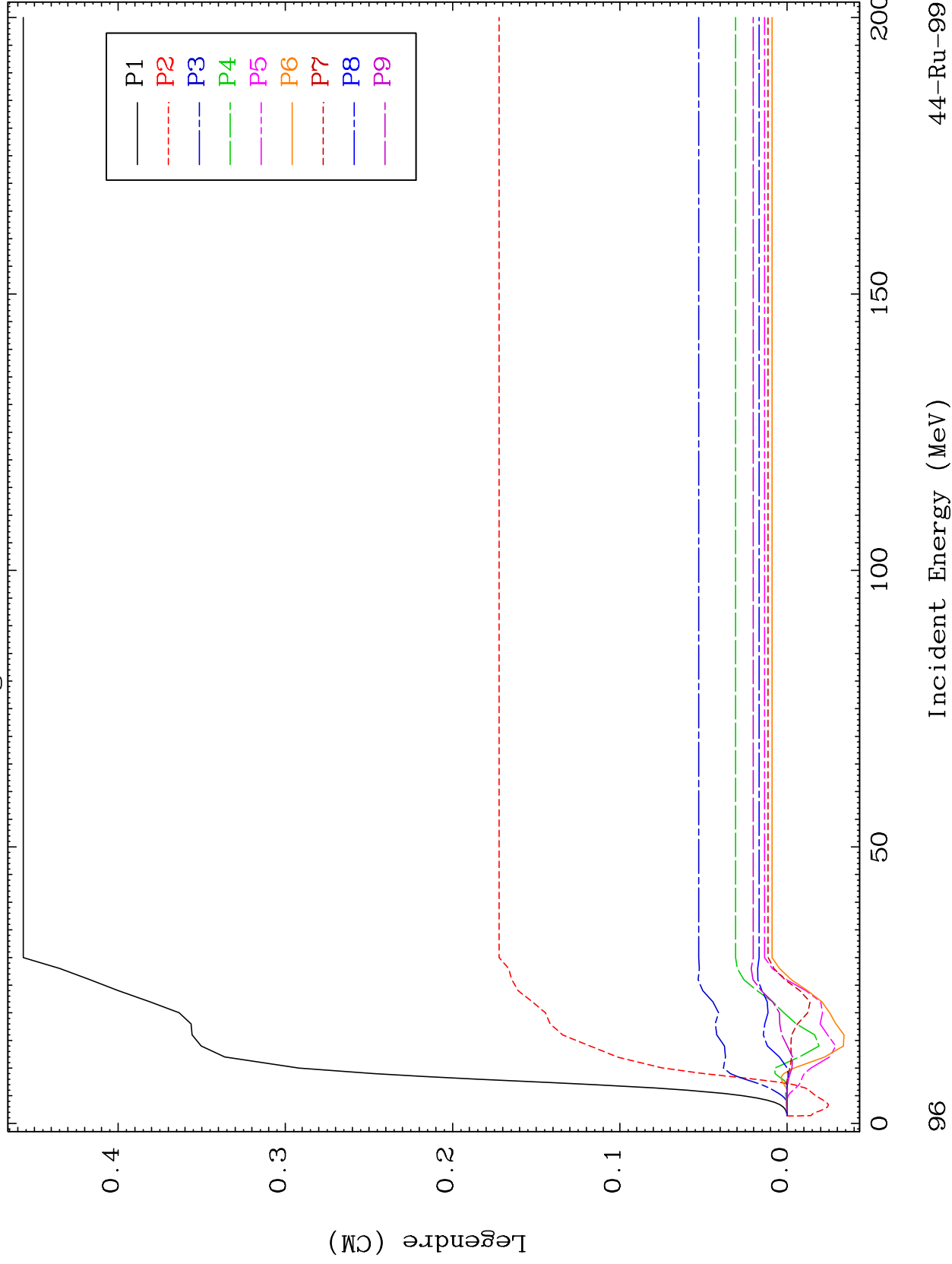




MAT 4434

1.320 MeV (n,n') Level
Legendre Coefficients

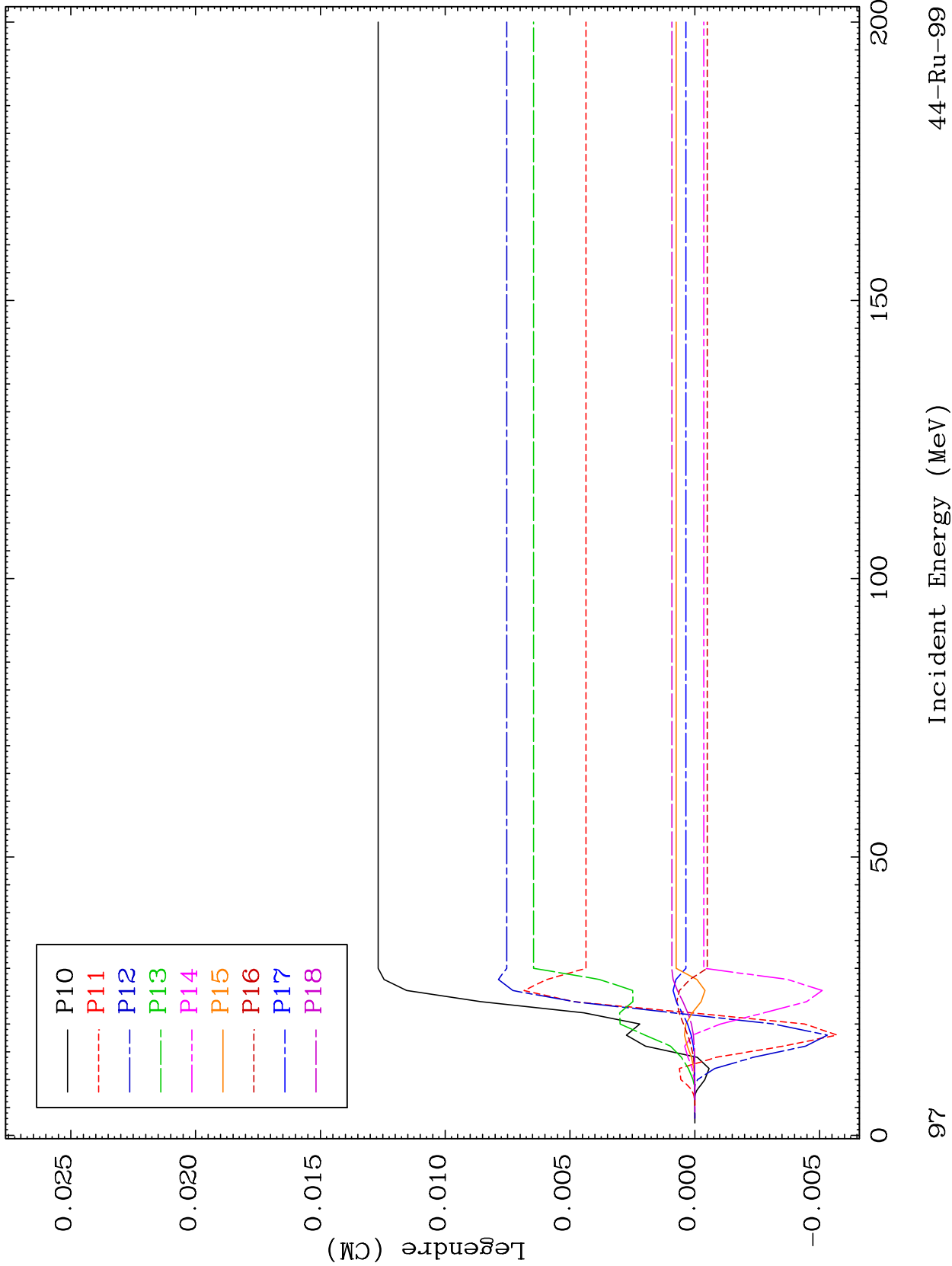
44-Ru-99

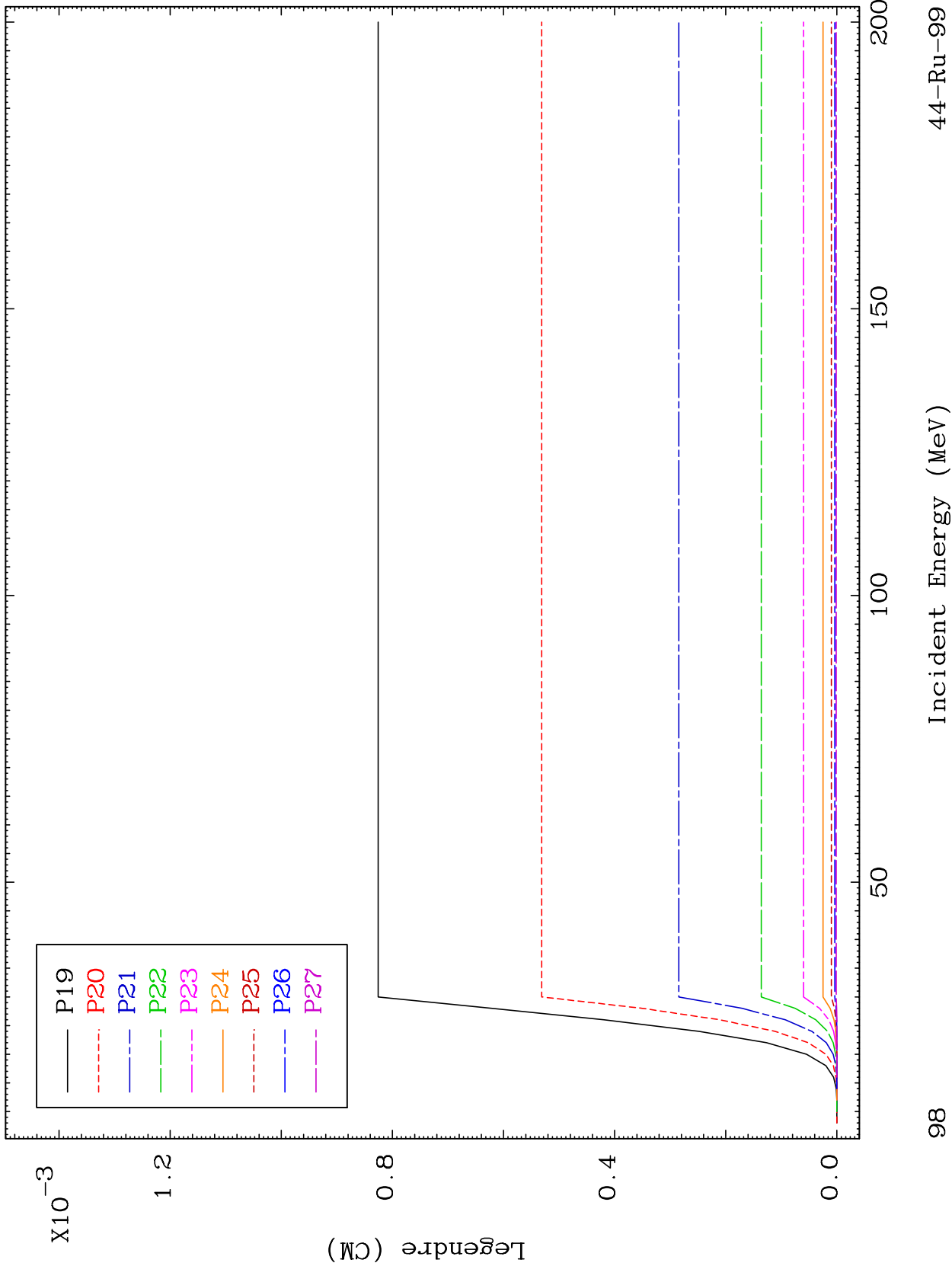


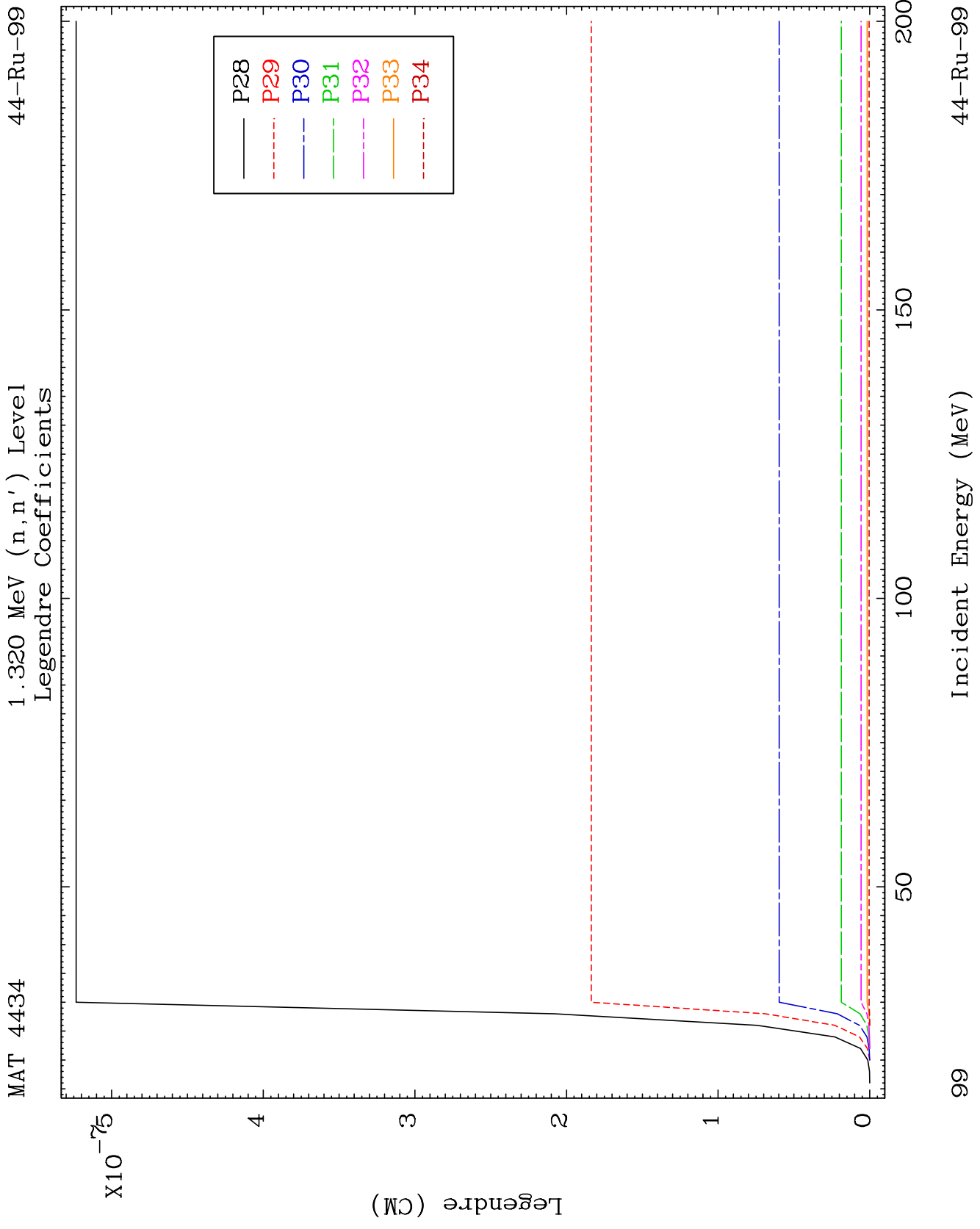
44-Ru-99

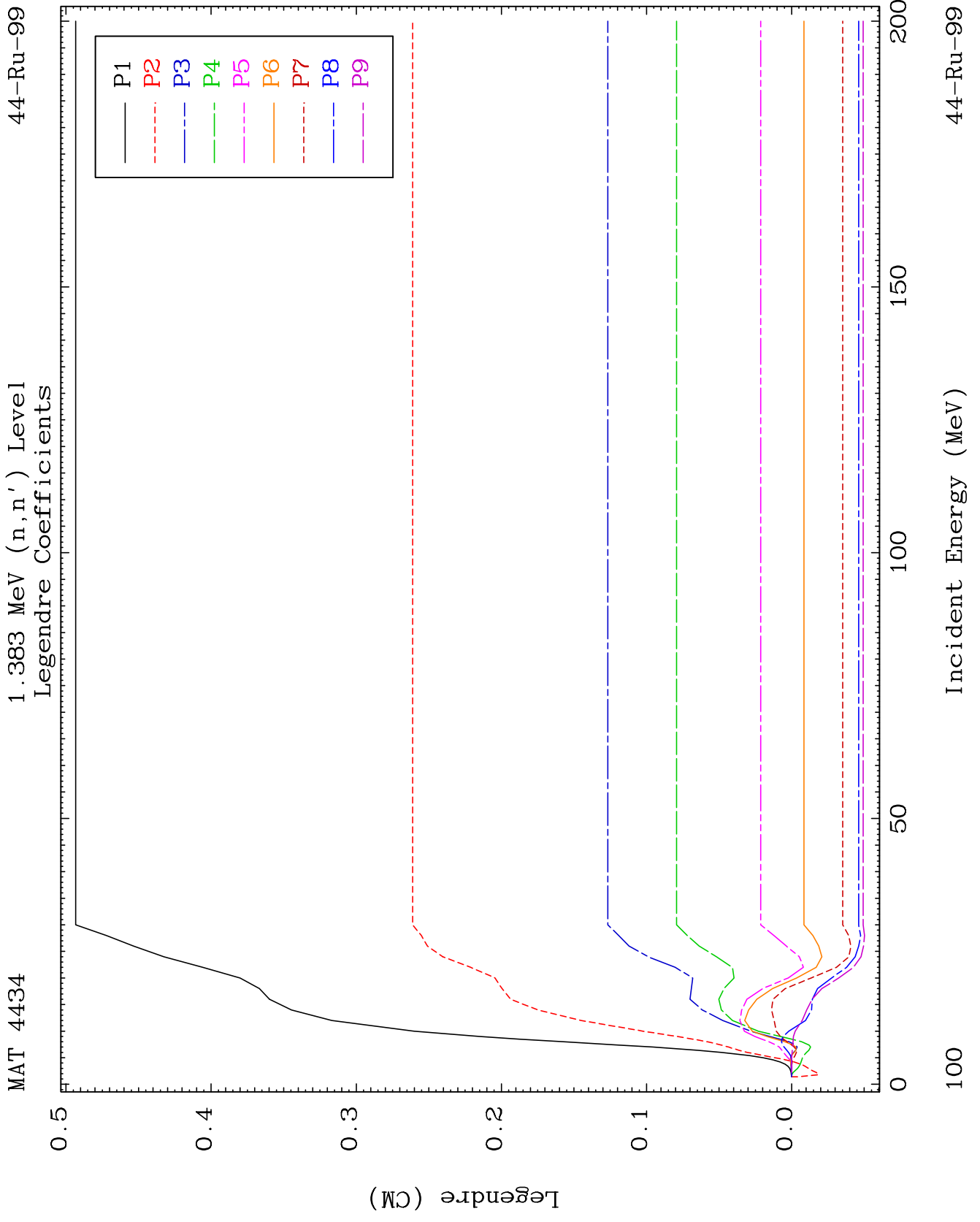
Incident Energy (MeV)

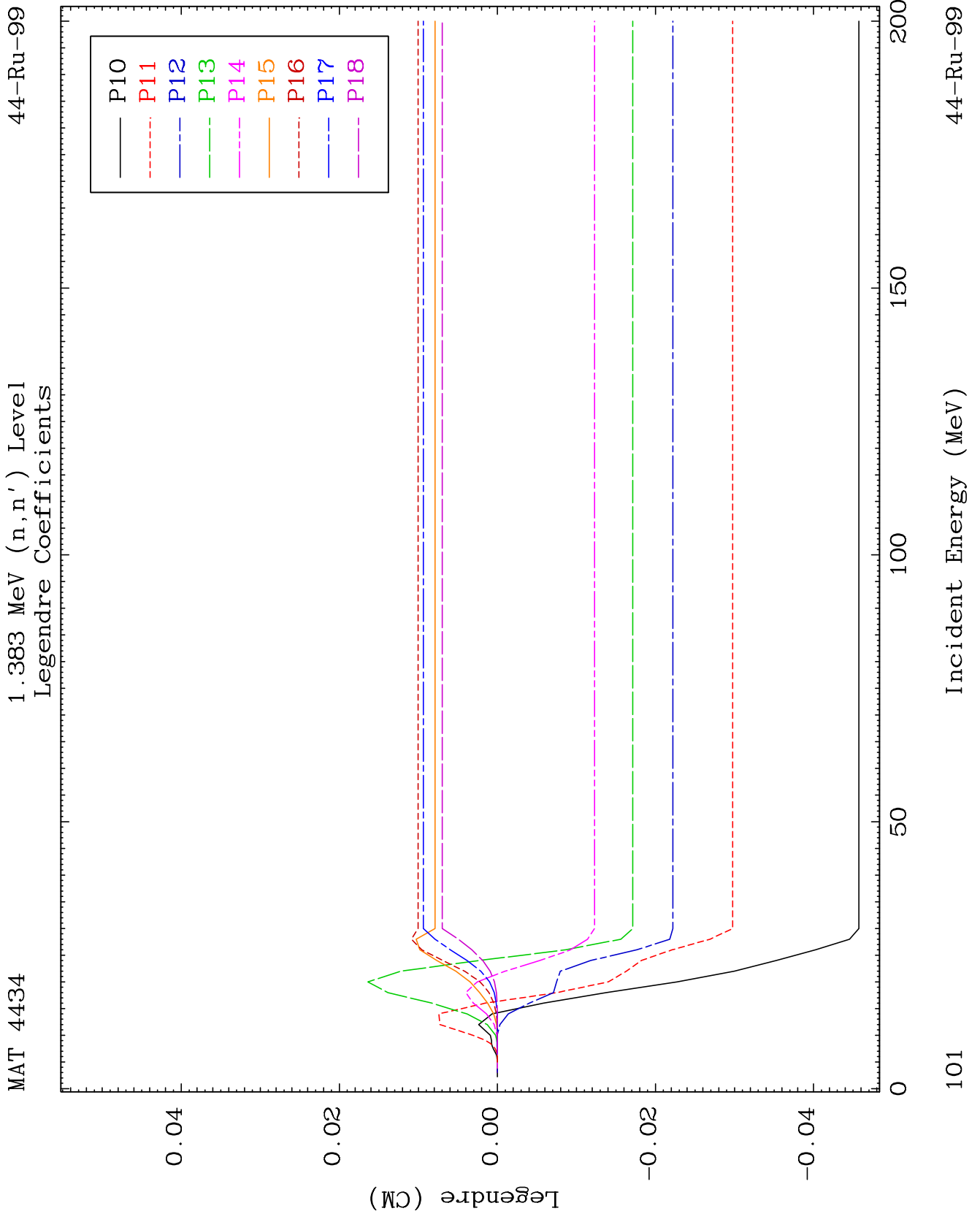
96

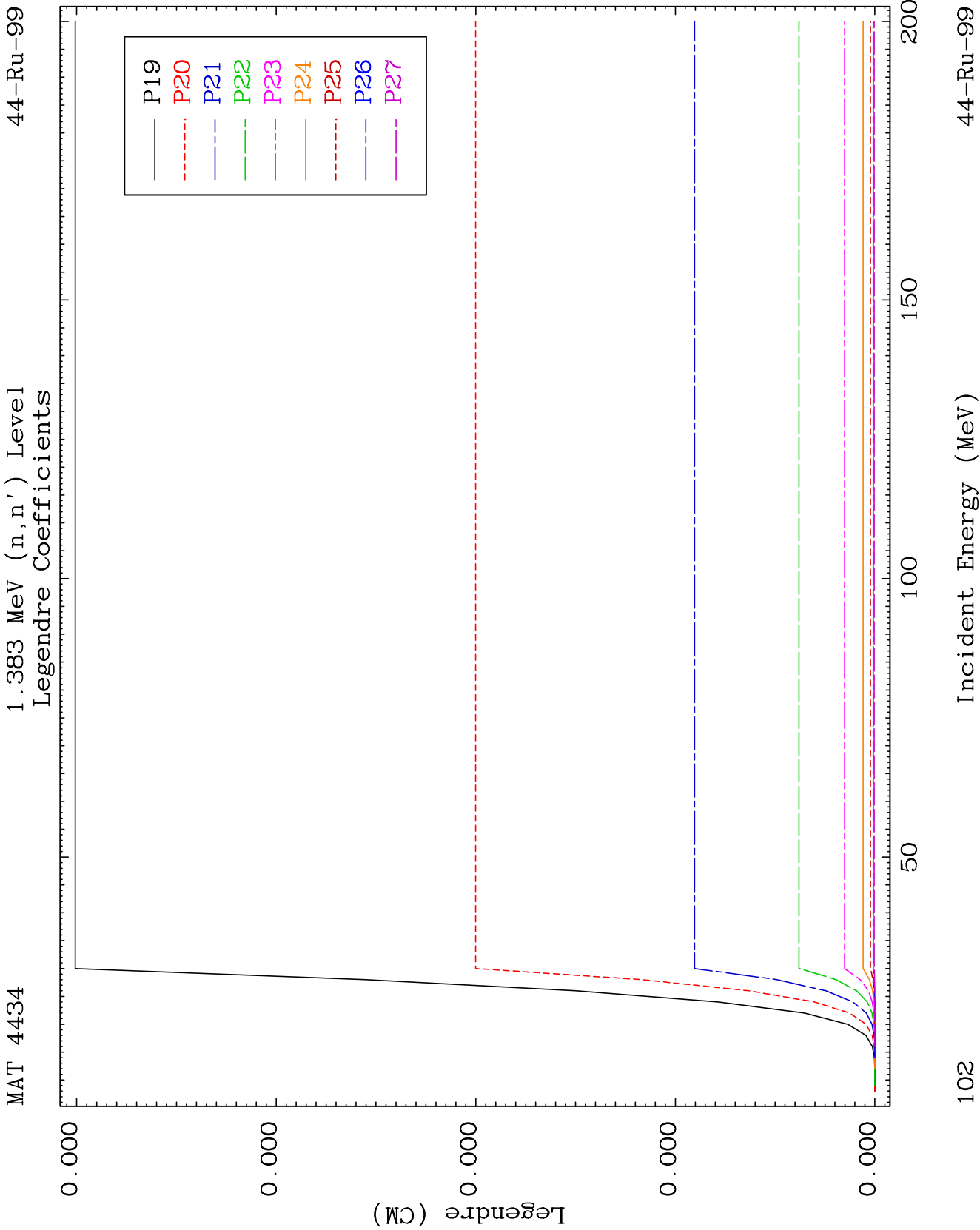


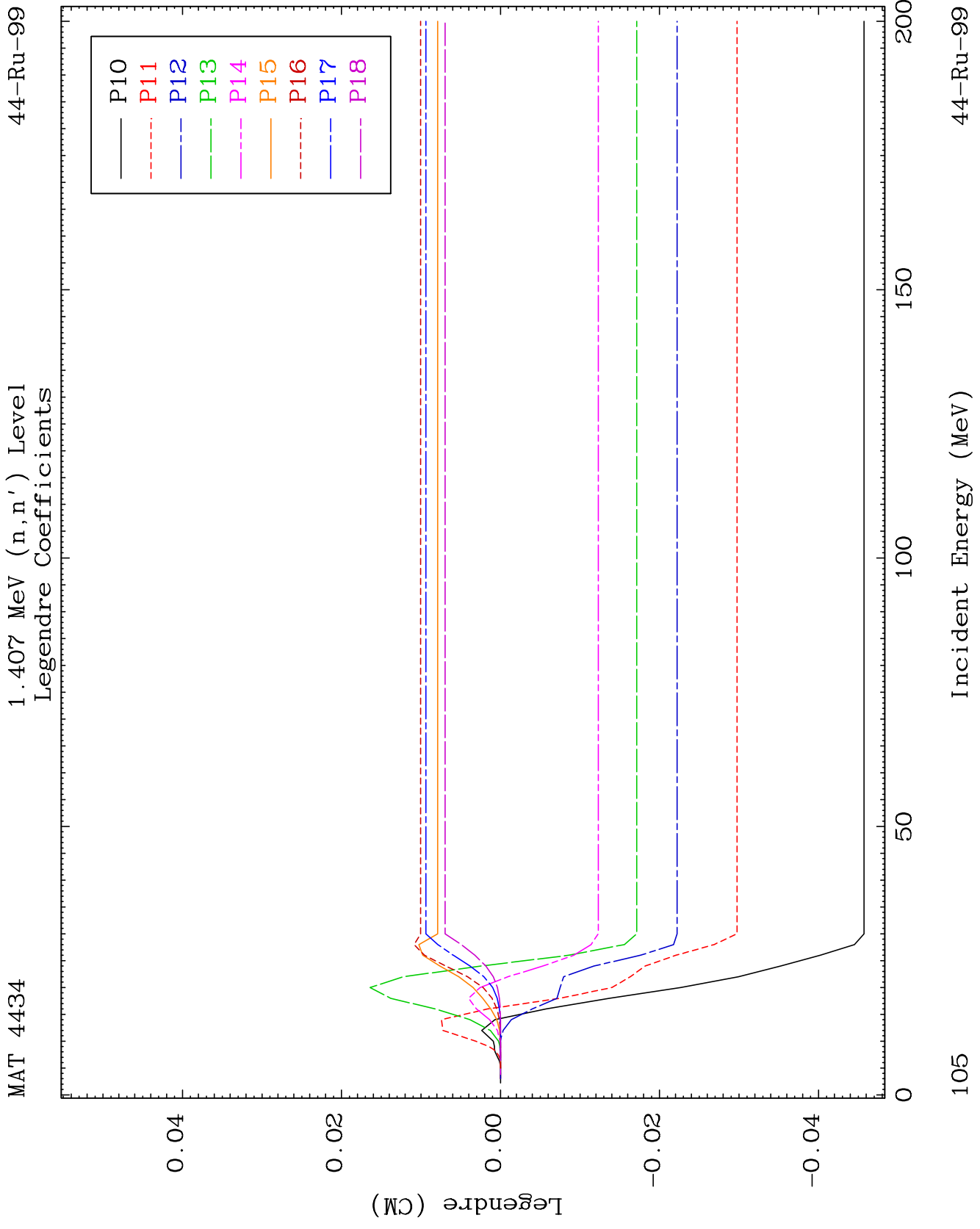


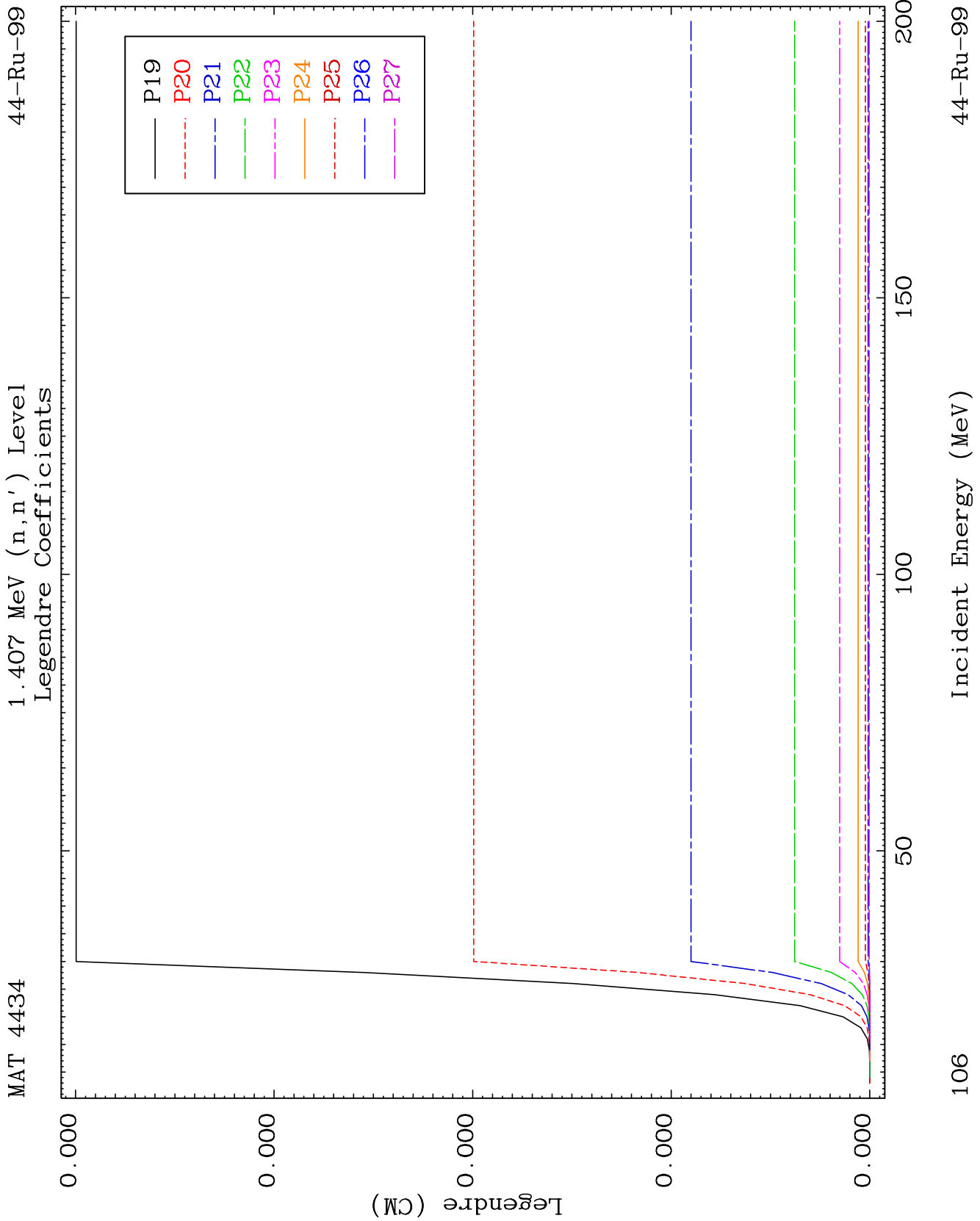


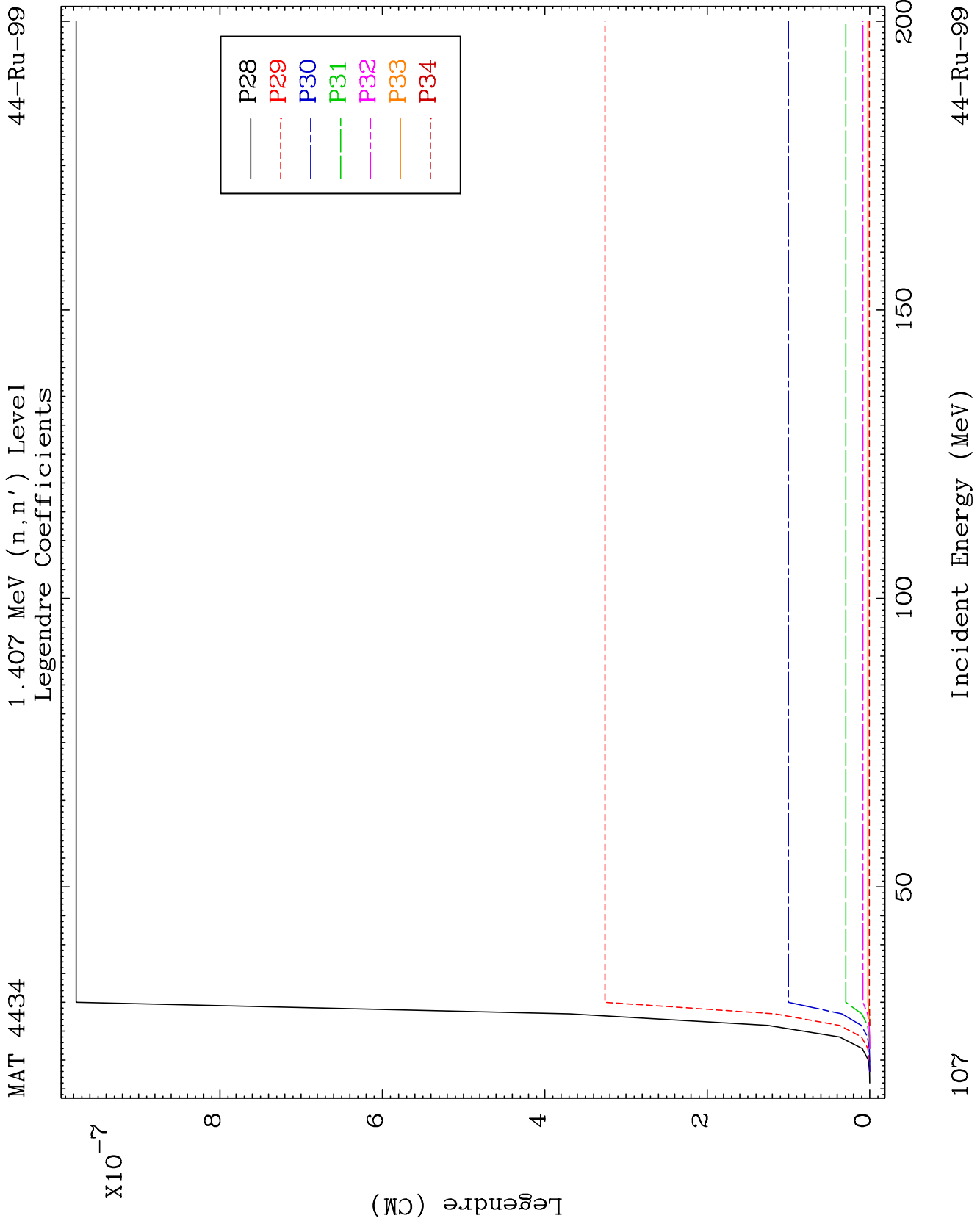








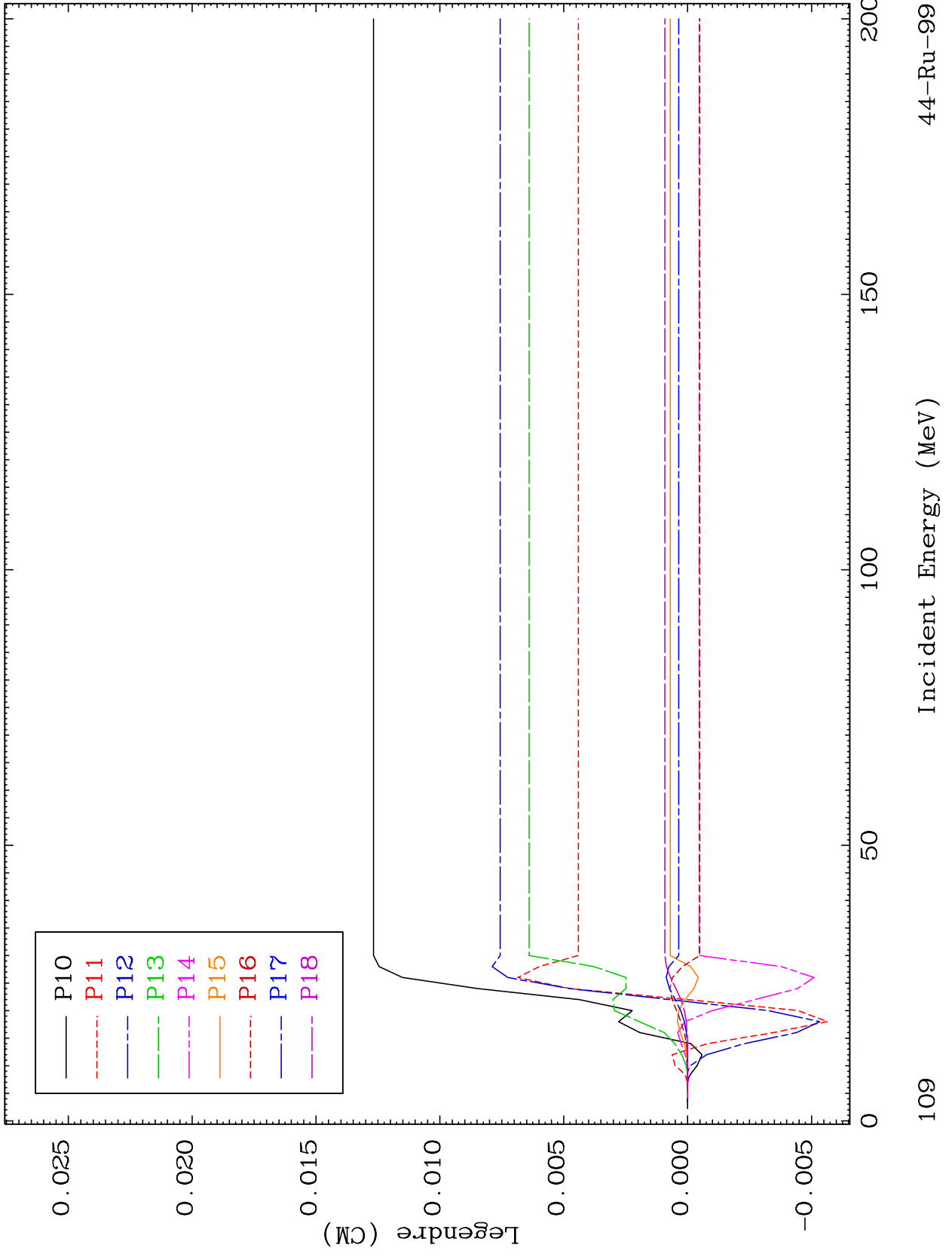




MAT 4434

1.414 MeV (n, n') Level
Legendre Coefficients

44-Ru-99



109

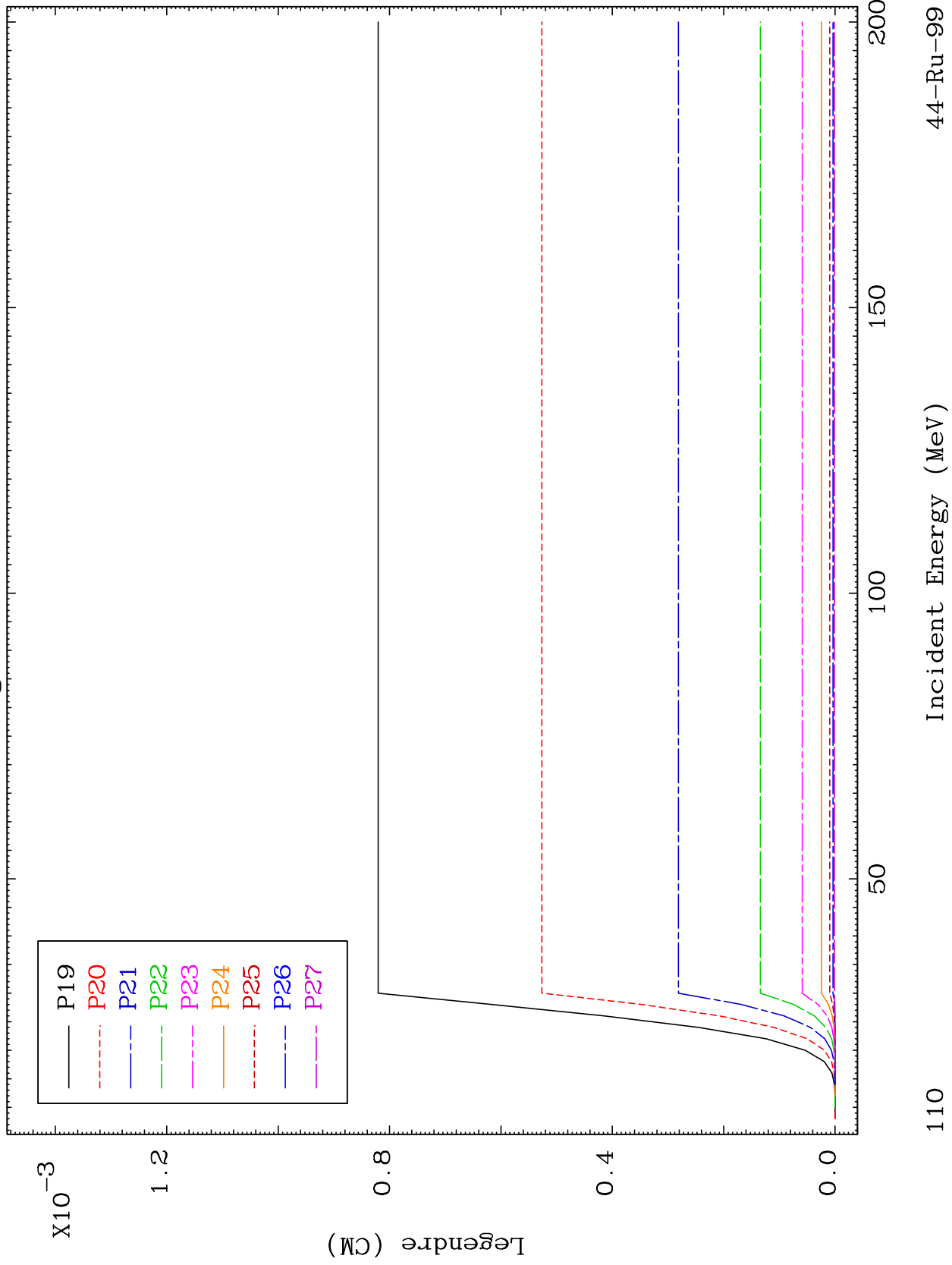
Incident Energy (MeV)

44-Ru-99

MAT 4434

1.414 MeV (n,n') Level
Legendre Coefficients

44-Ru-99



110

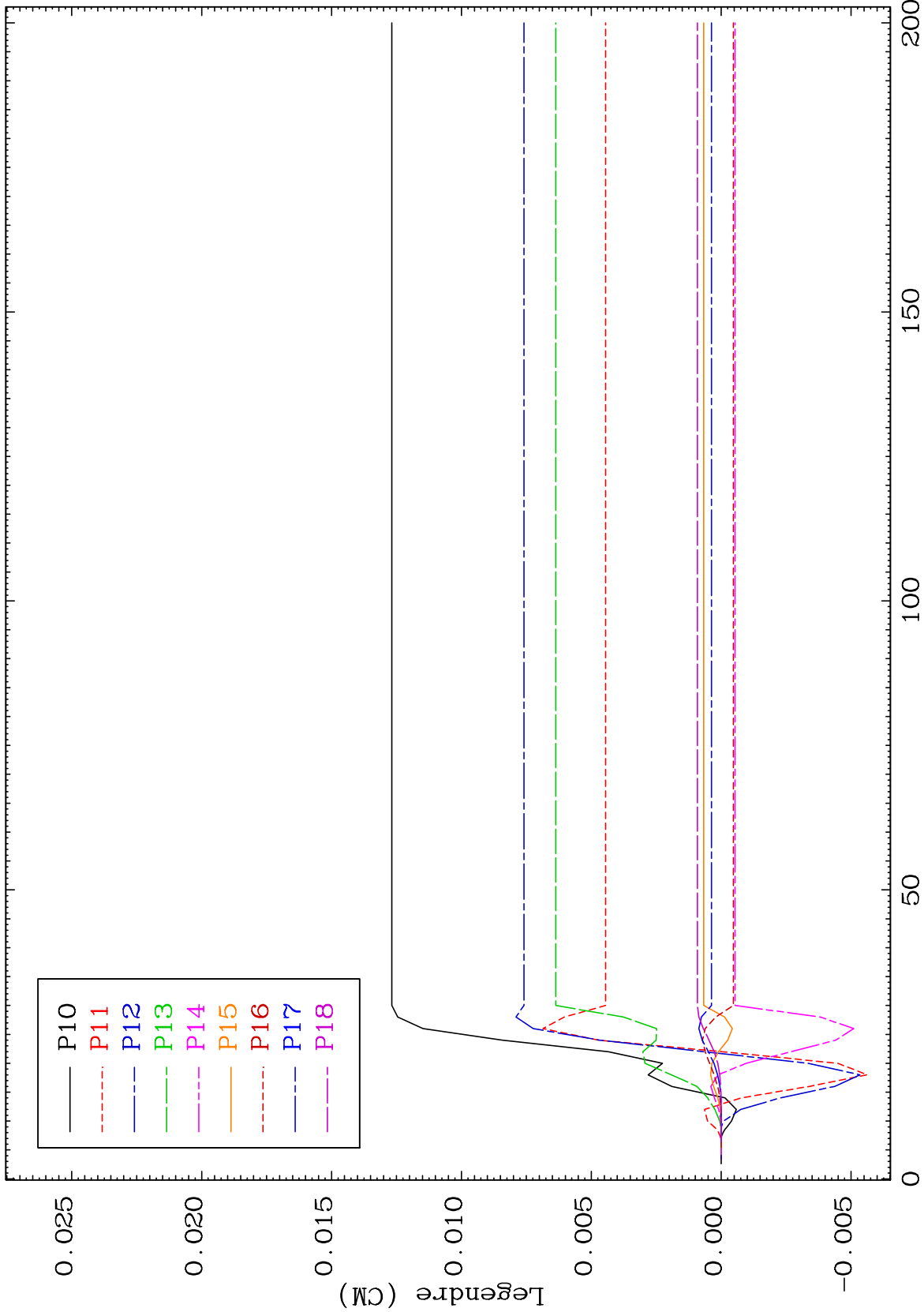
Incident Energy (MeV)

44-Ru-99

MAT 4434

1.474 MeV (n,n') Level
Legendre Coefficients

44-Ru-99



113

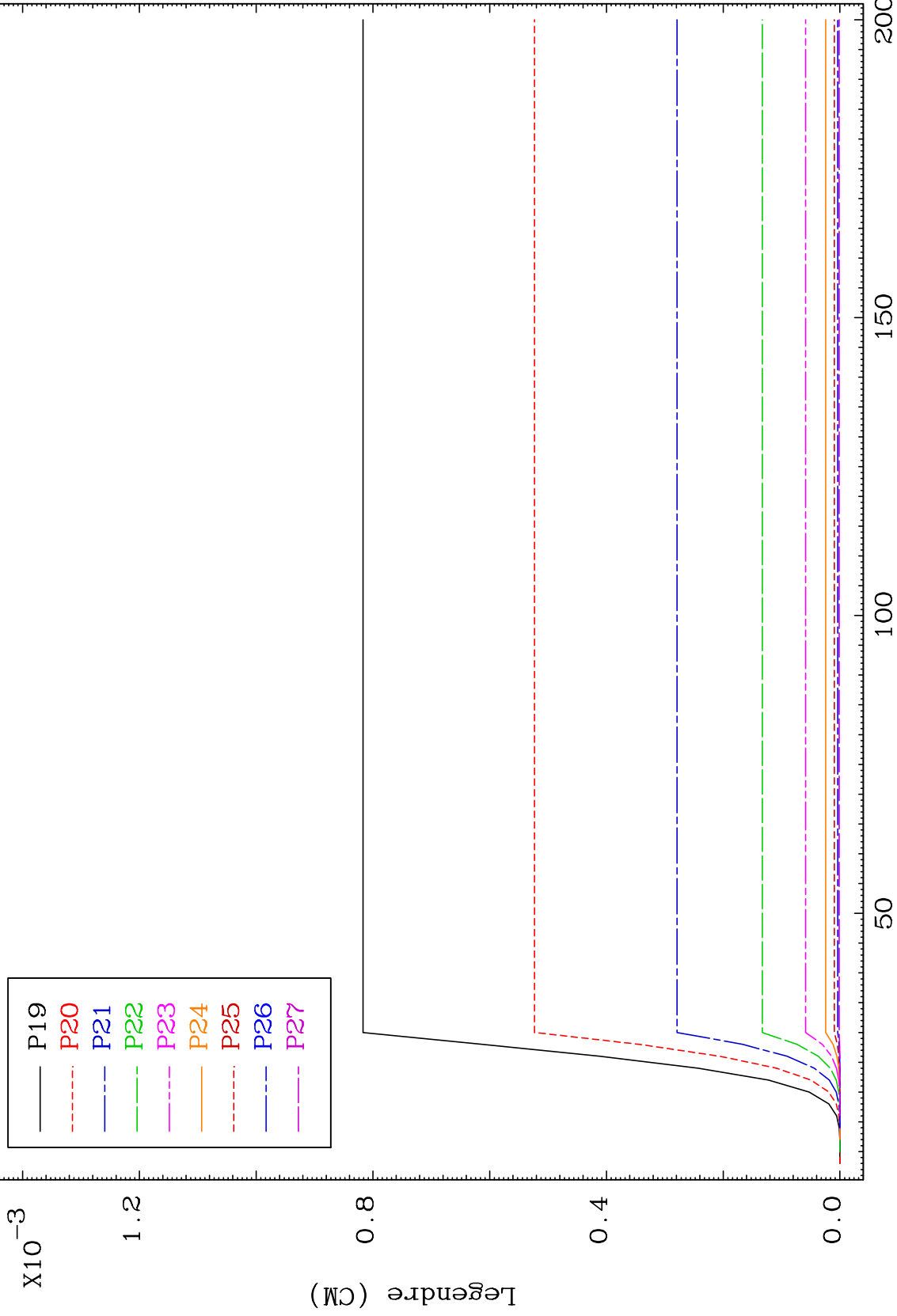
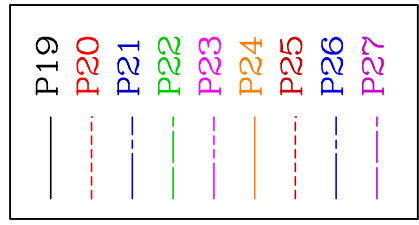
Incident Energy (MeV)

44-Ru-99

MAT 4434

1.474 MeV (n,n') Level
Legendre Coefficients

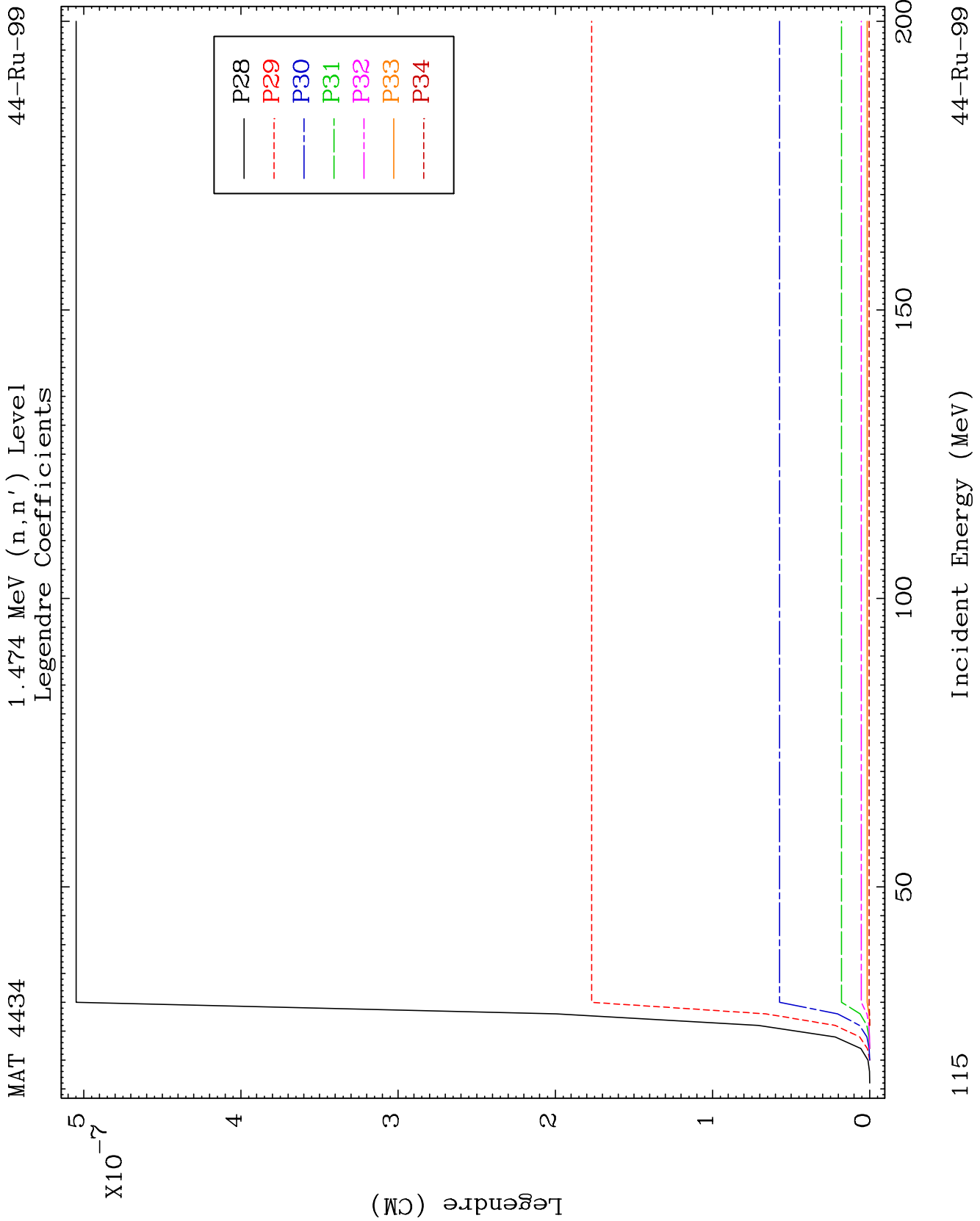
44-Ru-99



114

Incident Energy (MeV)

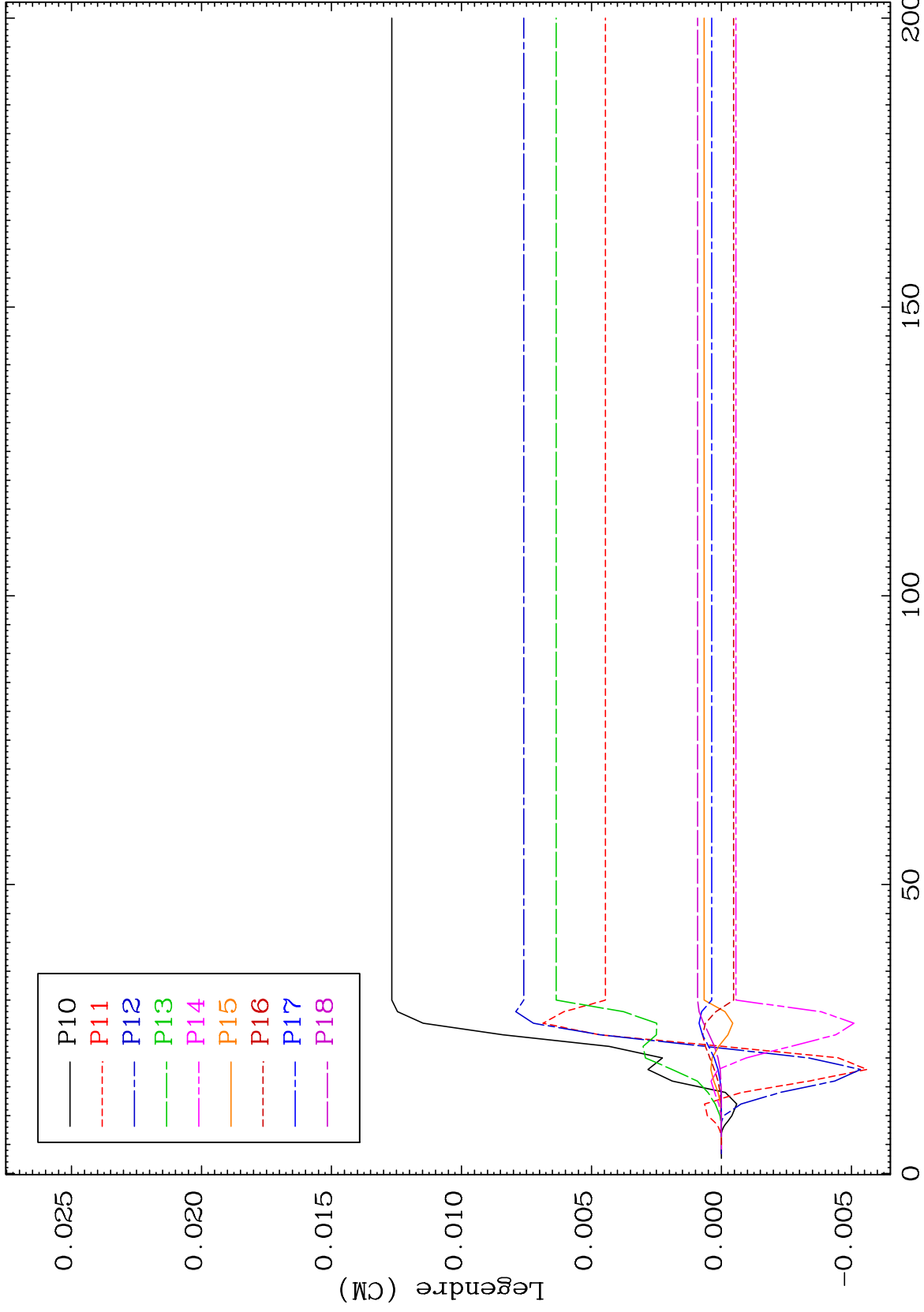
44-Ru-99



MAT 4434

1.497 MeV (n,n') Level
Legendre Coefficients

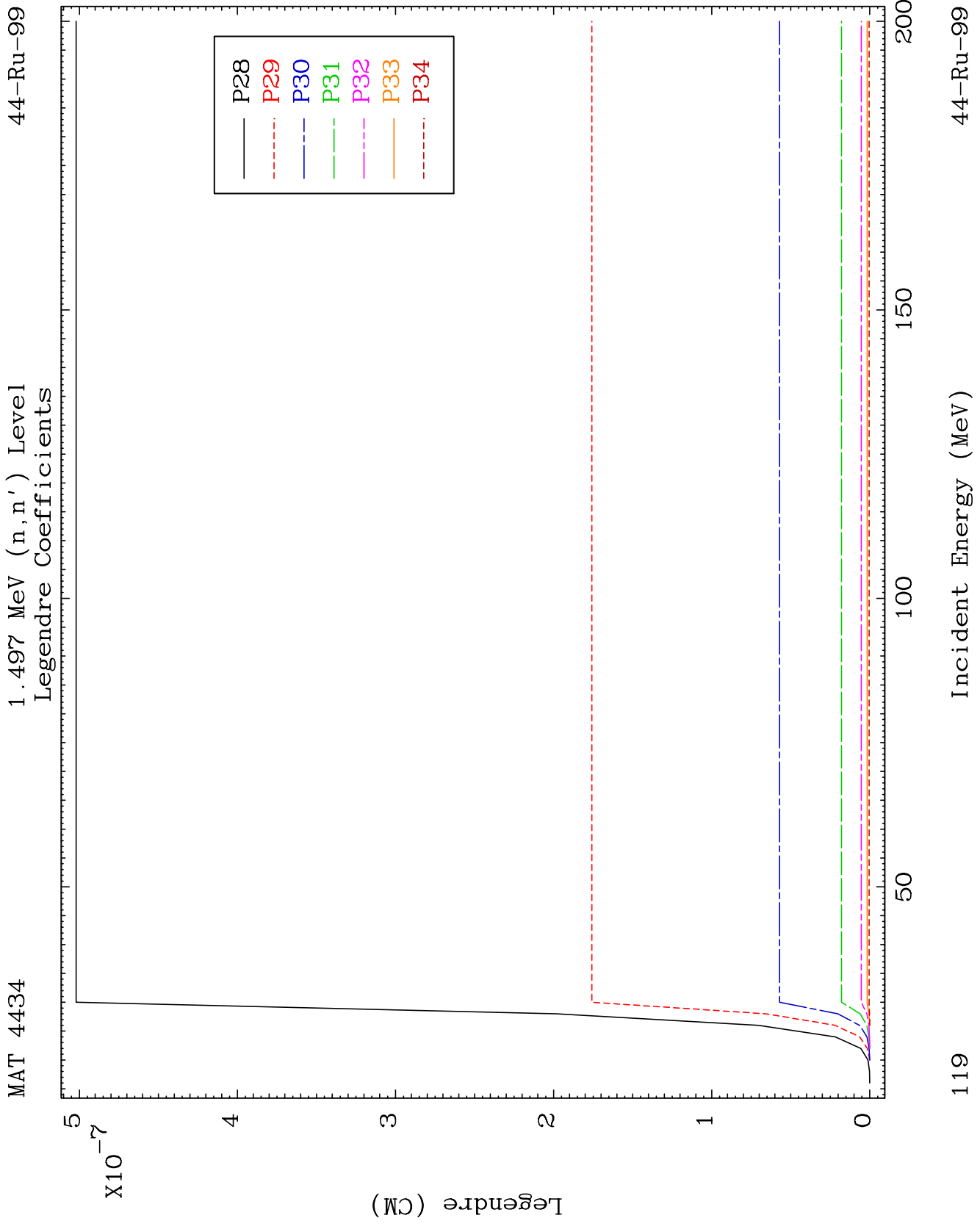
44-Ru-99

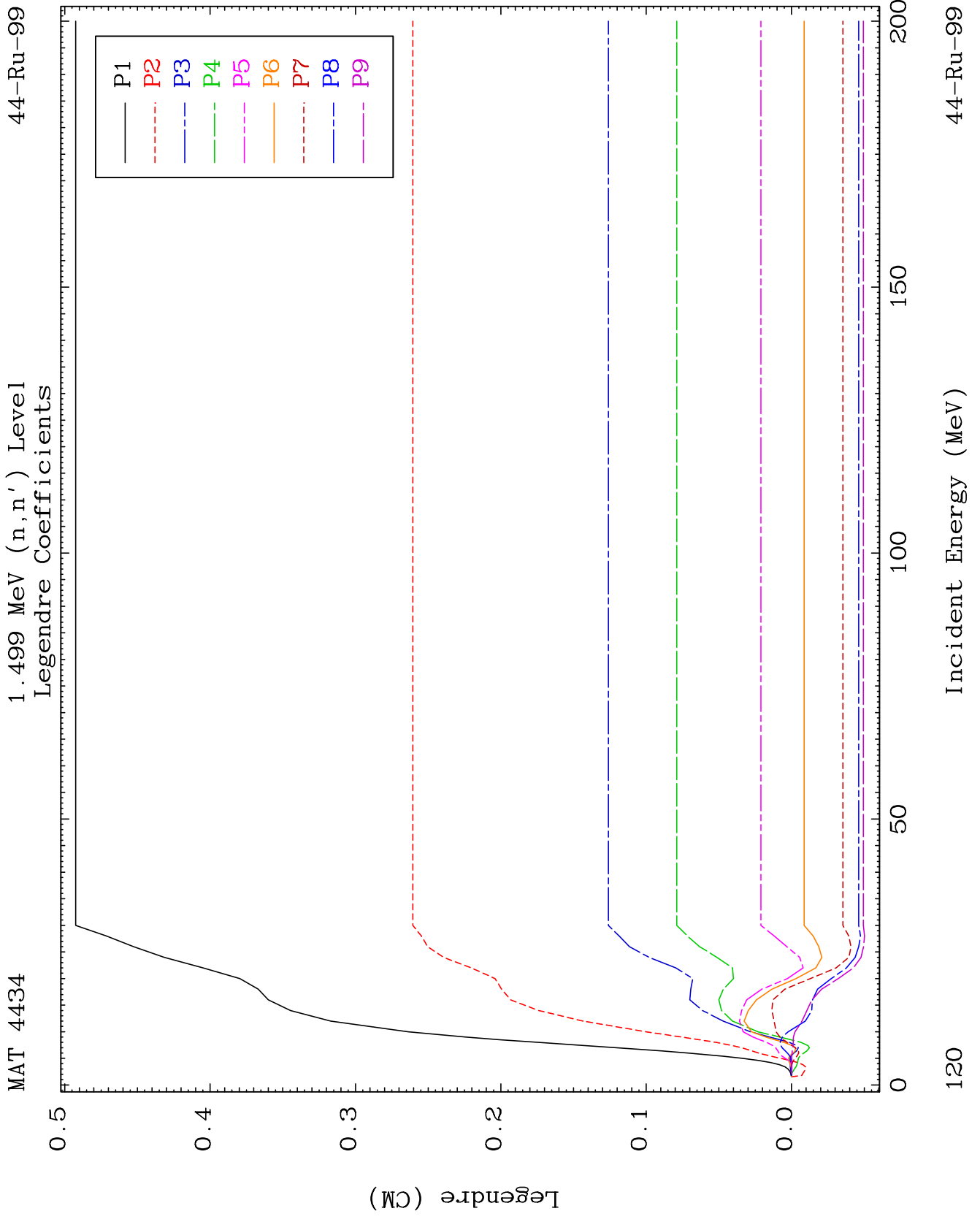


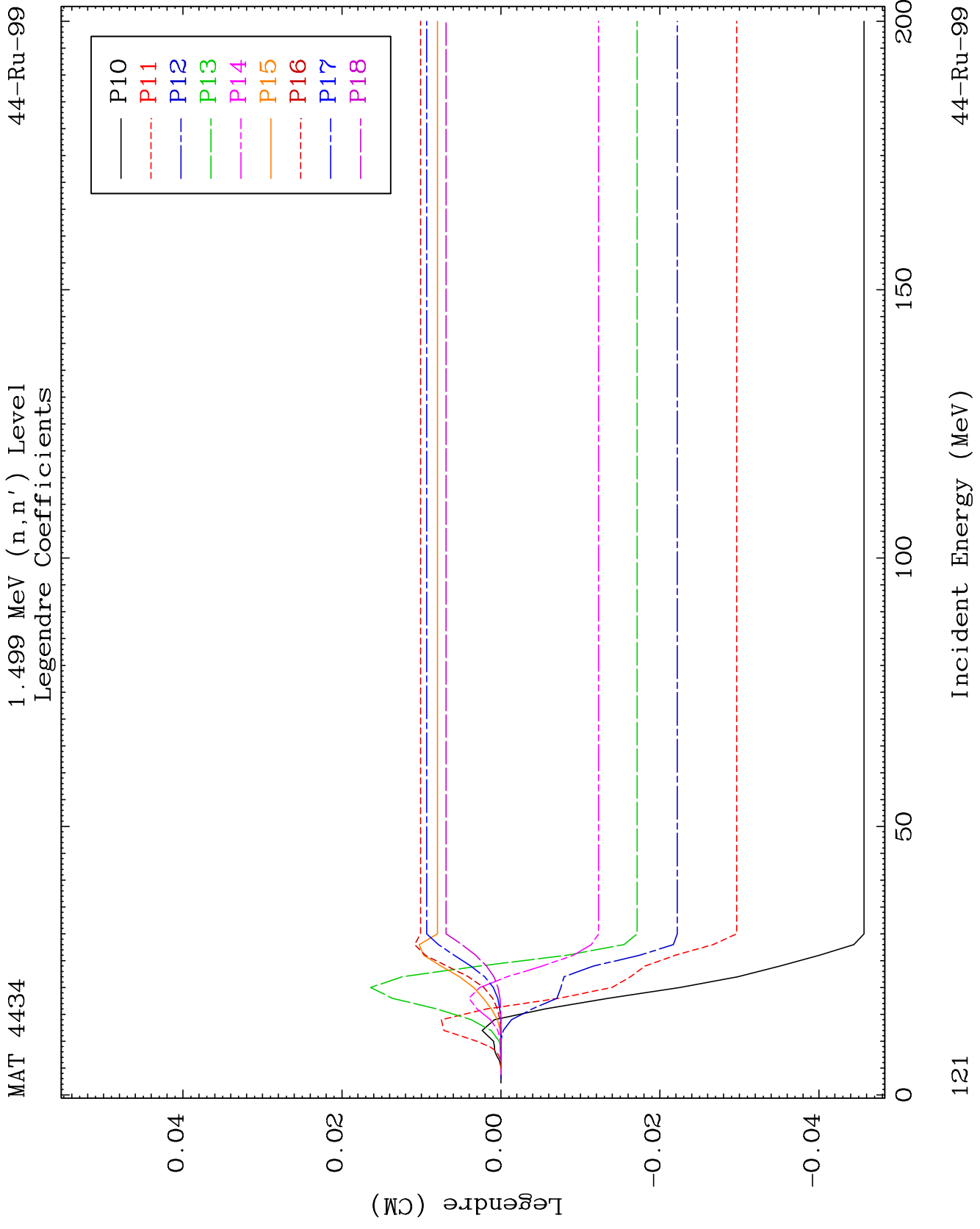
117

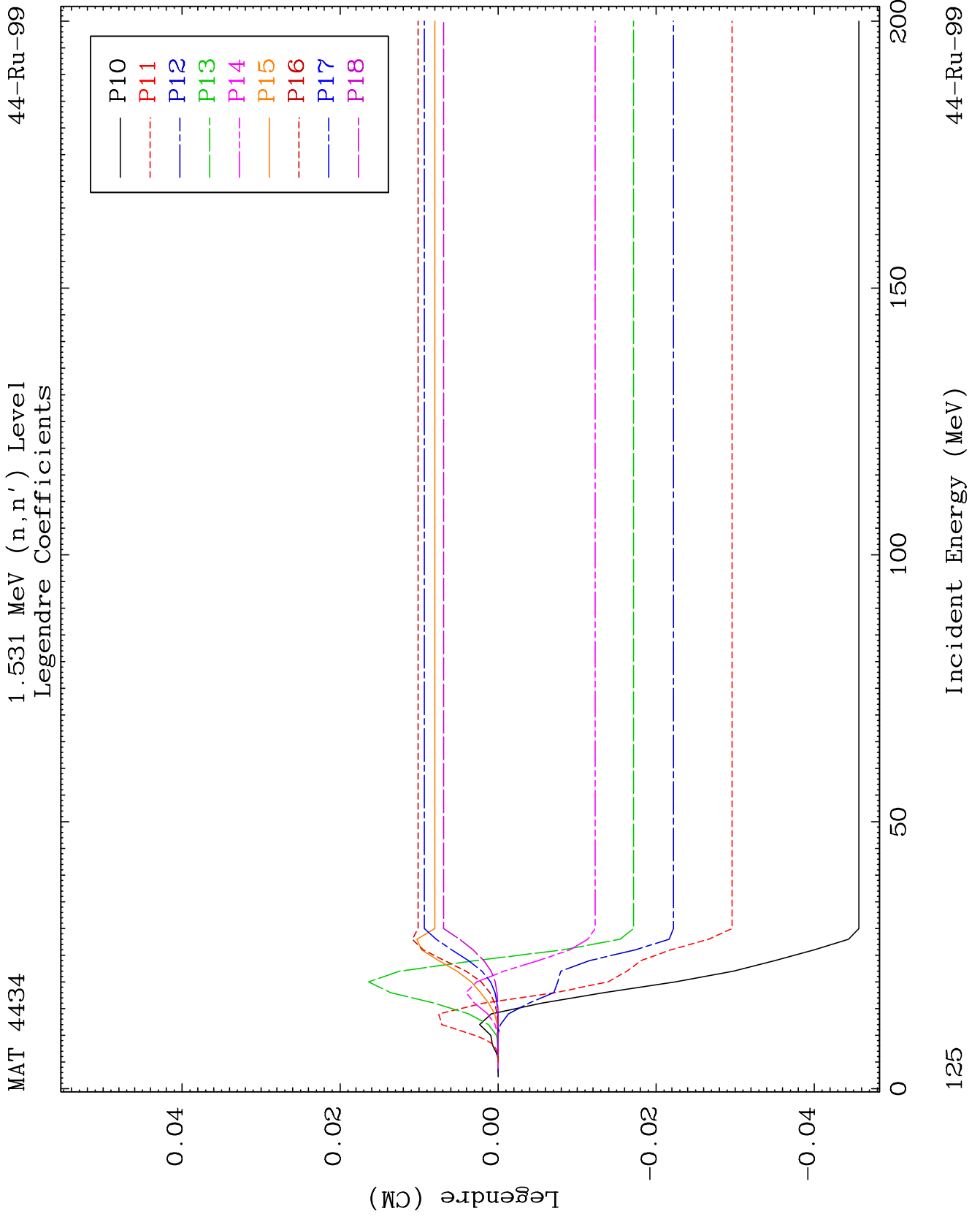
Incident Energy (MeV)

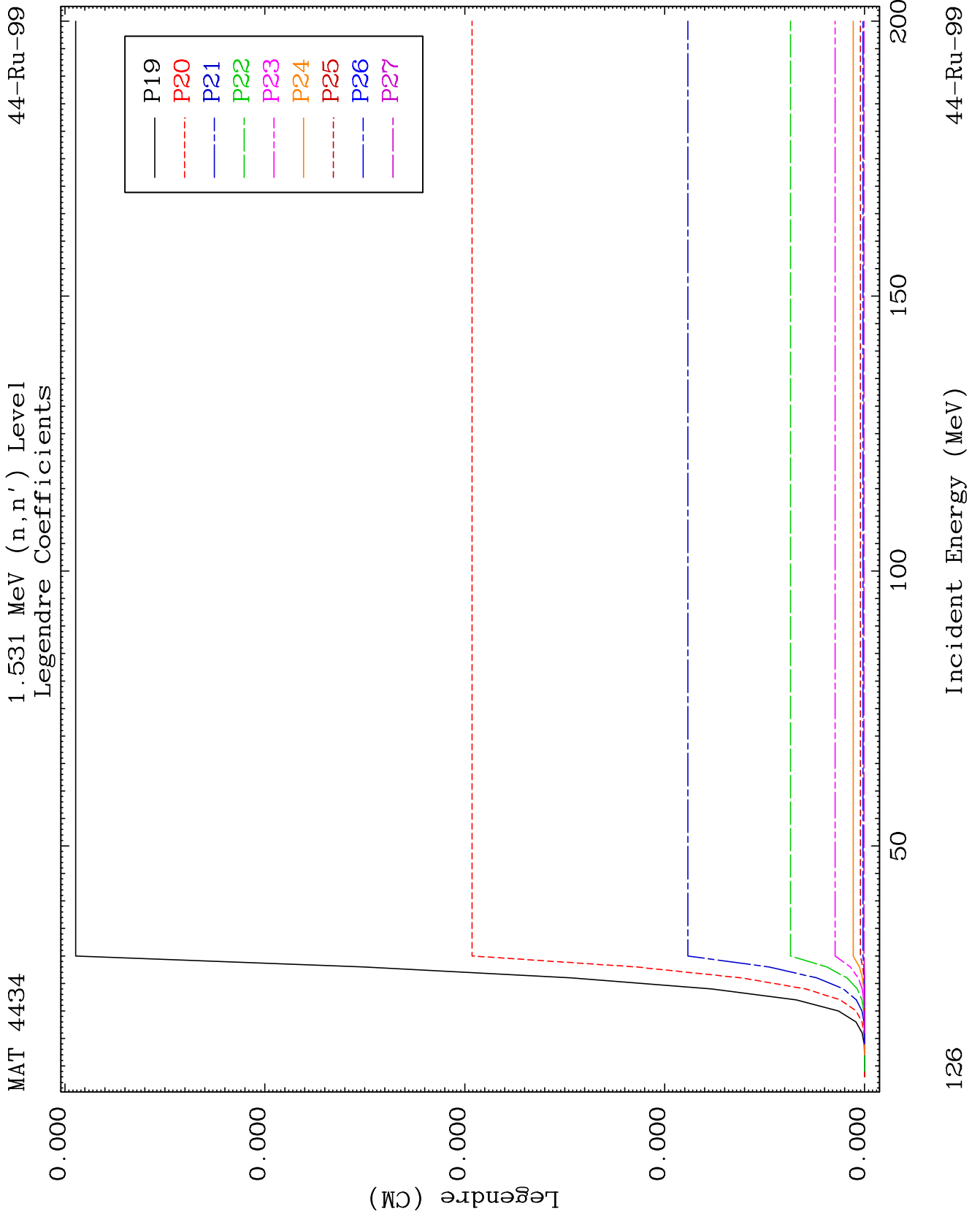
44-Ru-99

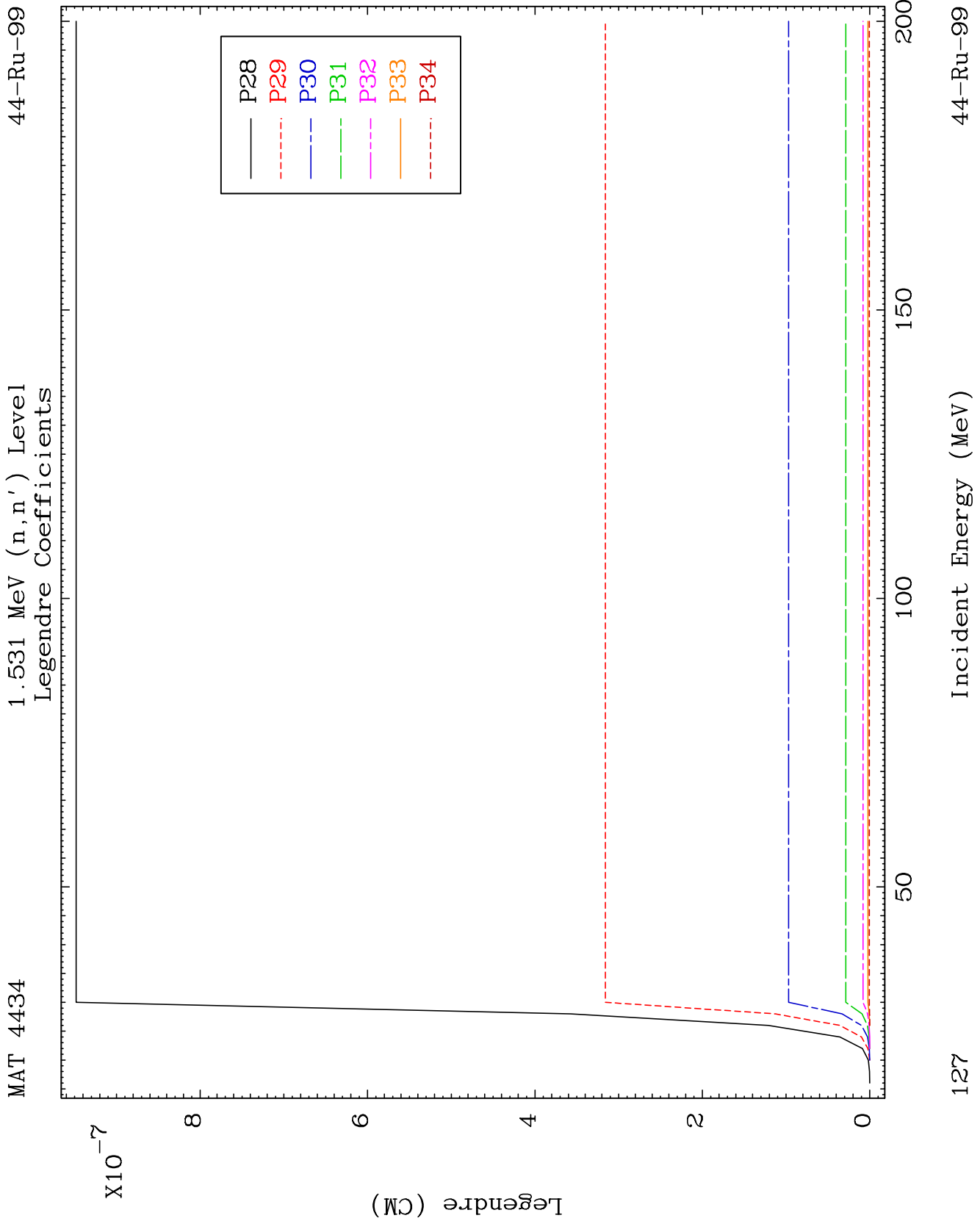


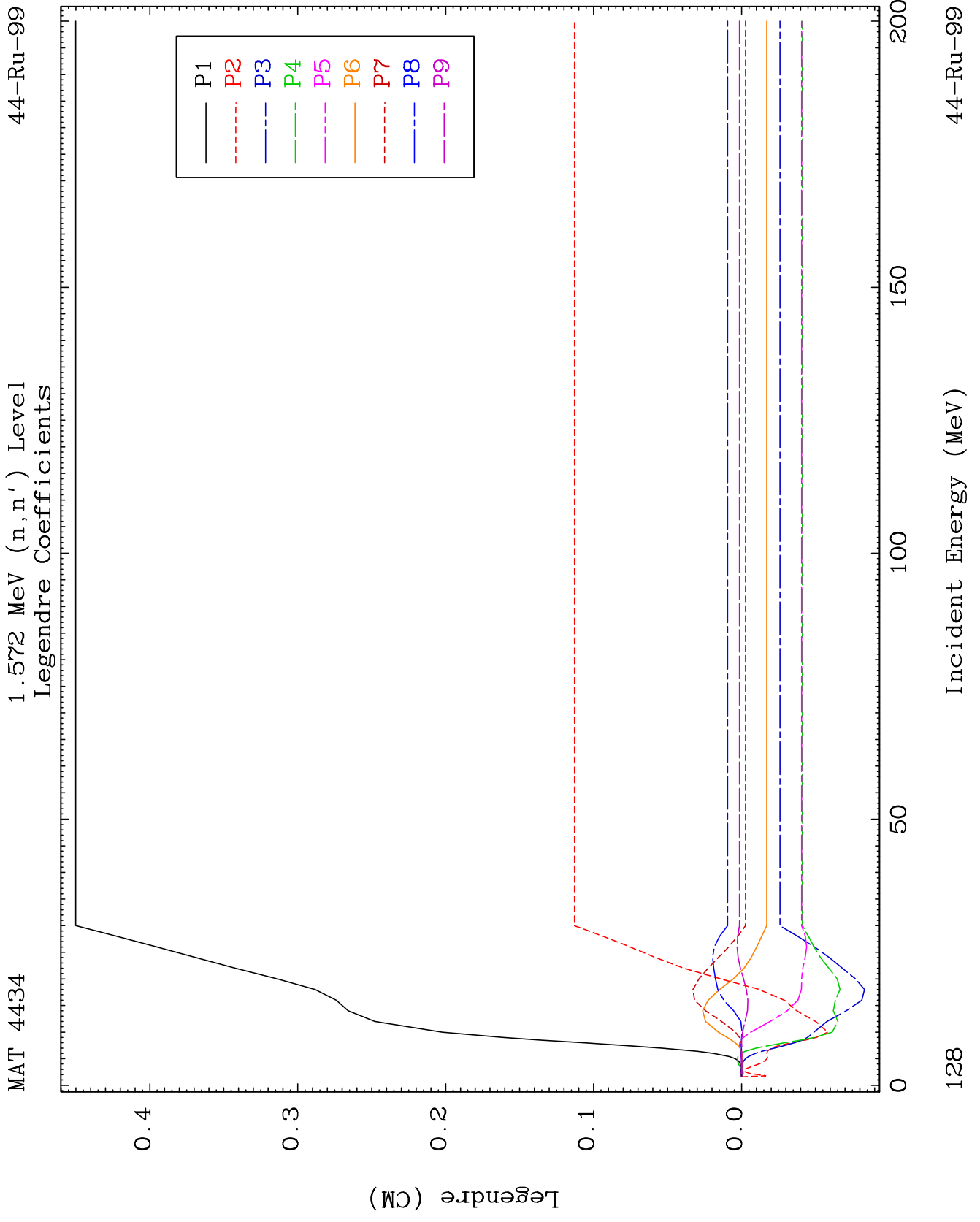








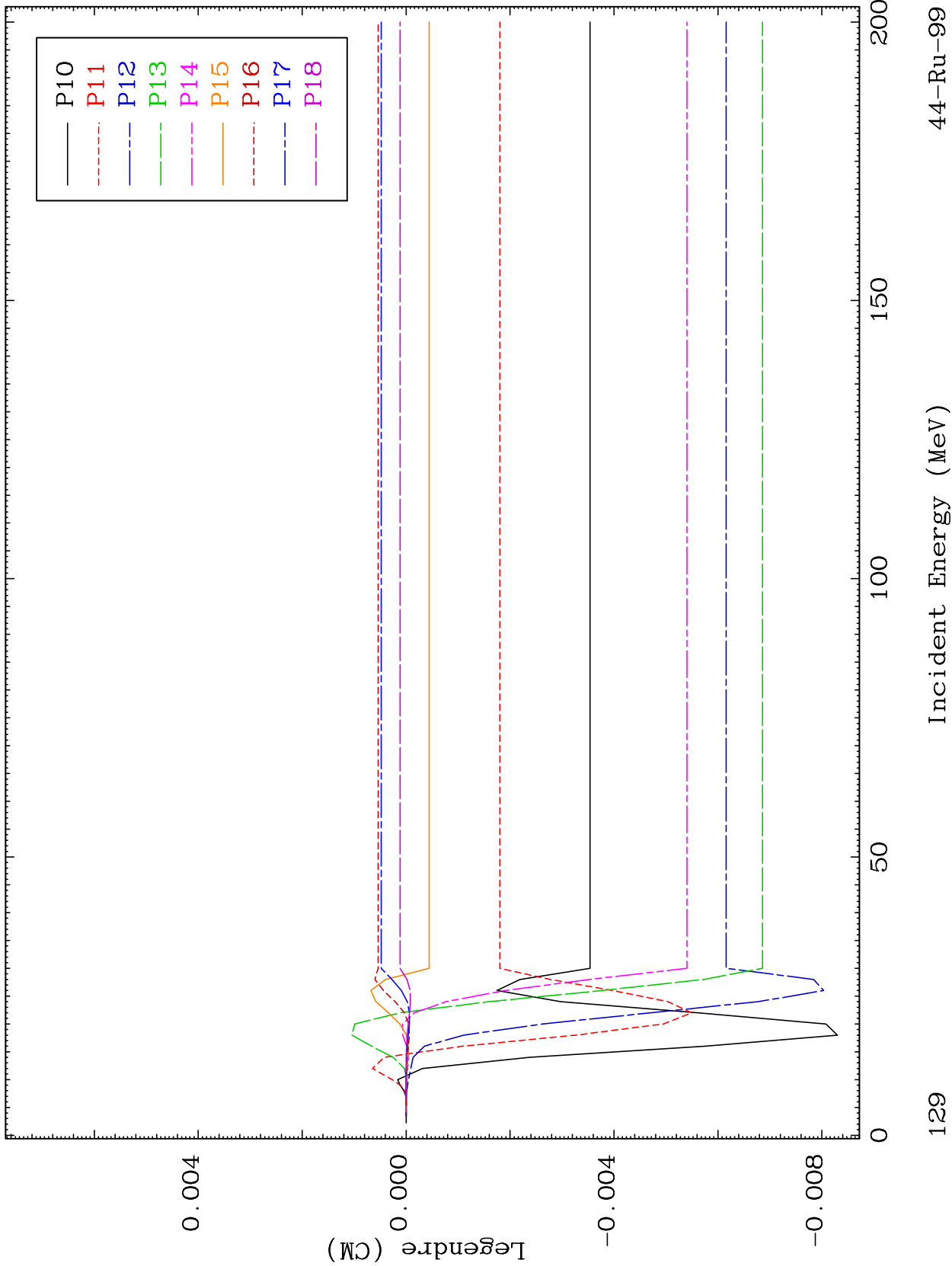




MAT 4434

1.572 MeV (n,n') Level Legendre Coefficients

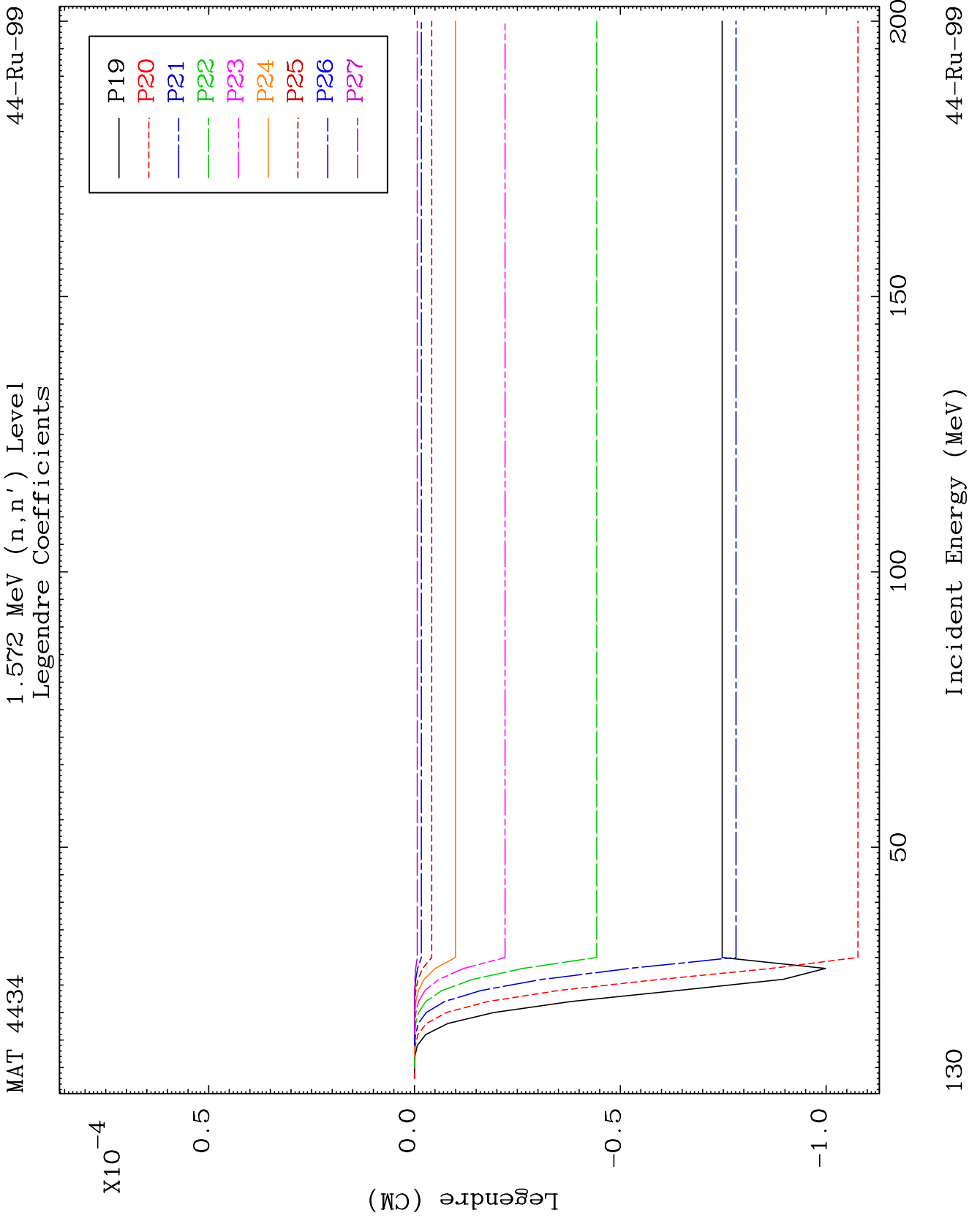
44-Ru-99

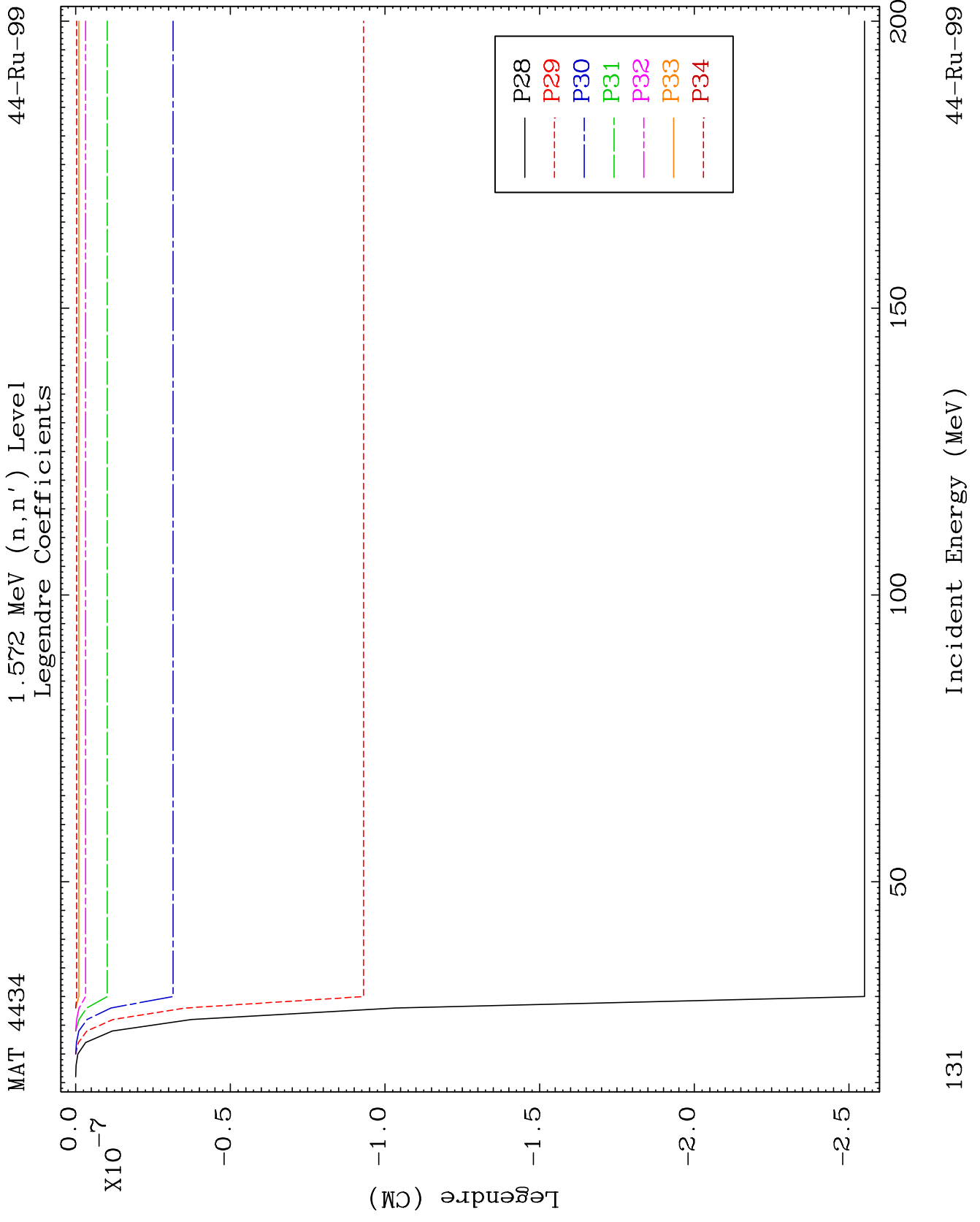


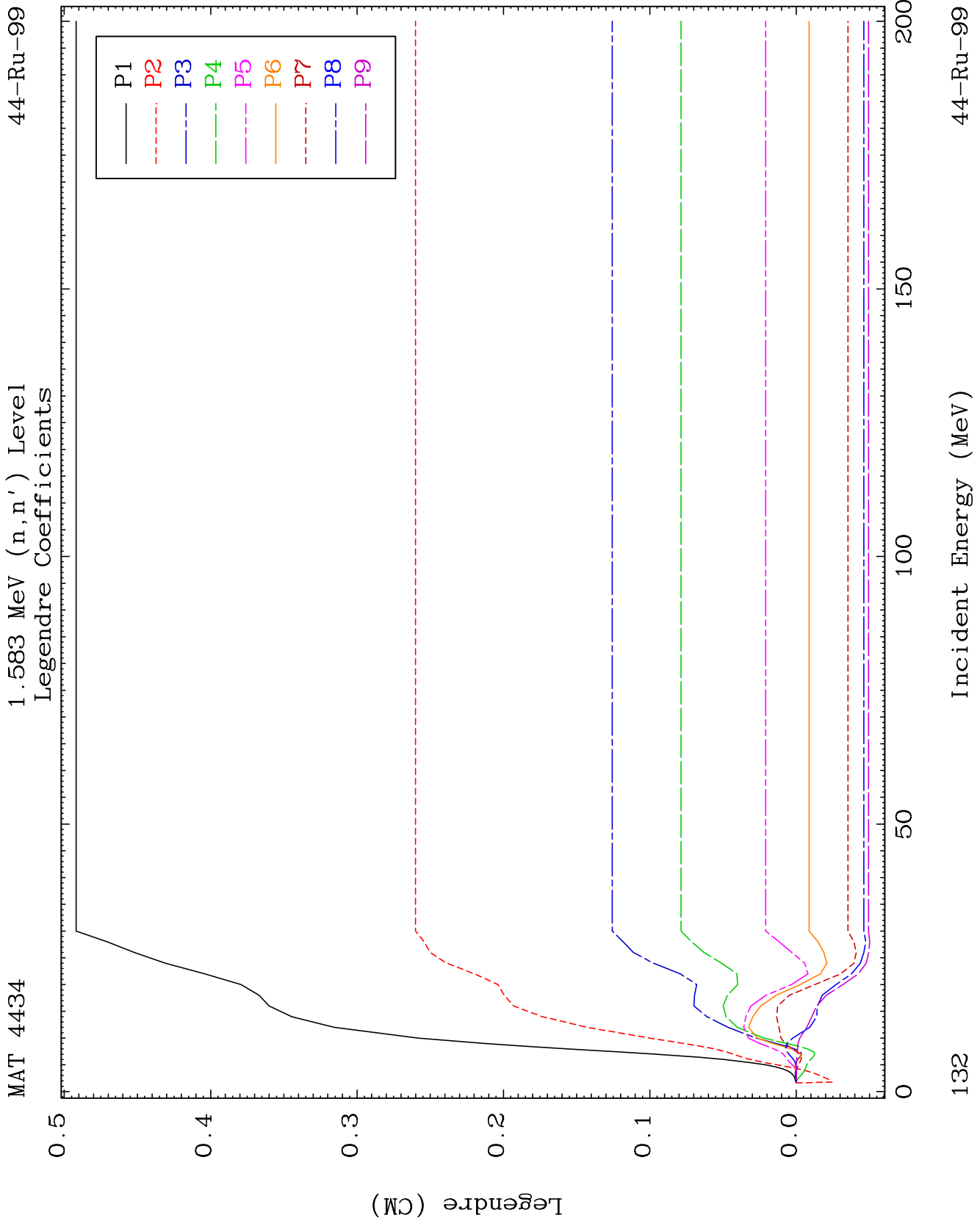
129

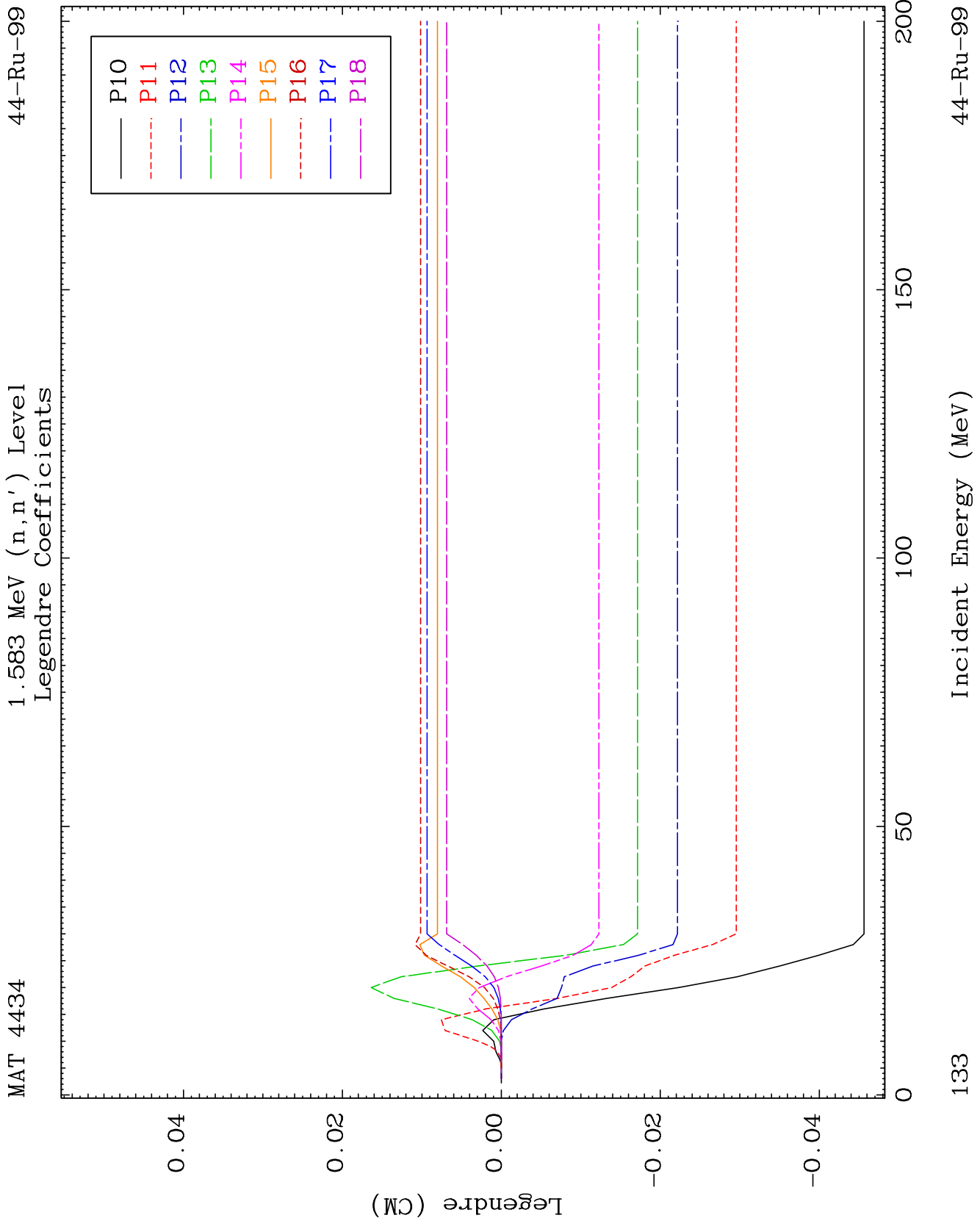
Incident Energy (MeV)

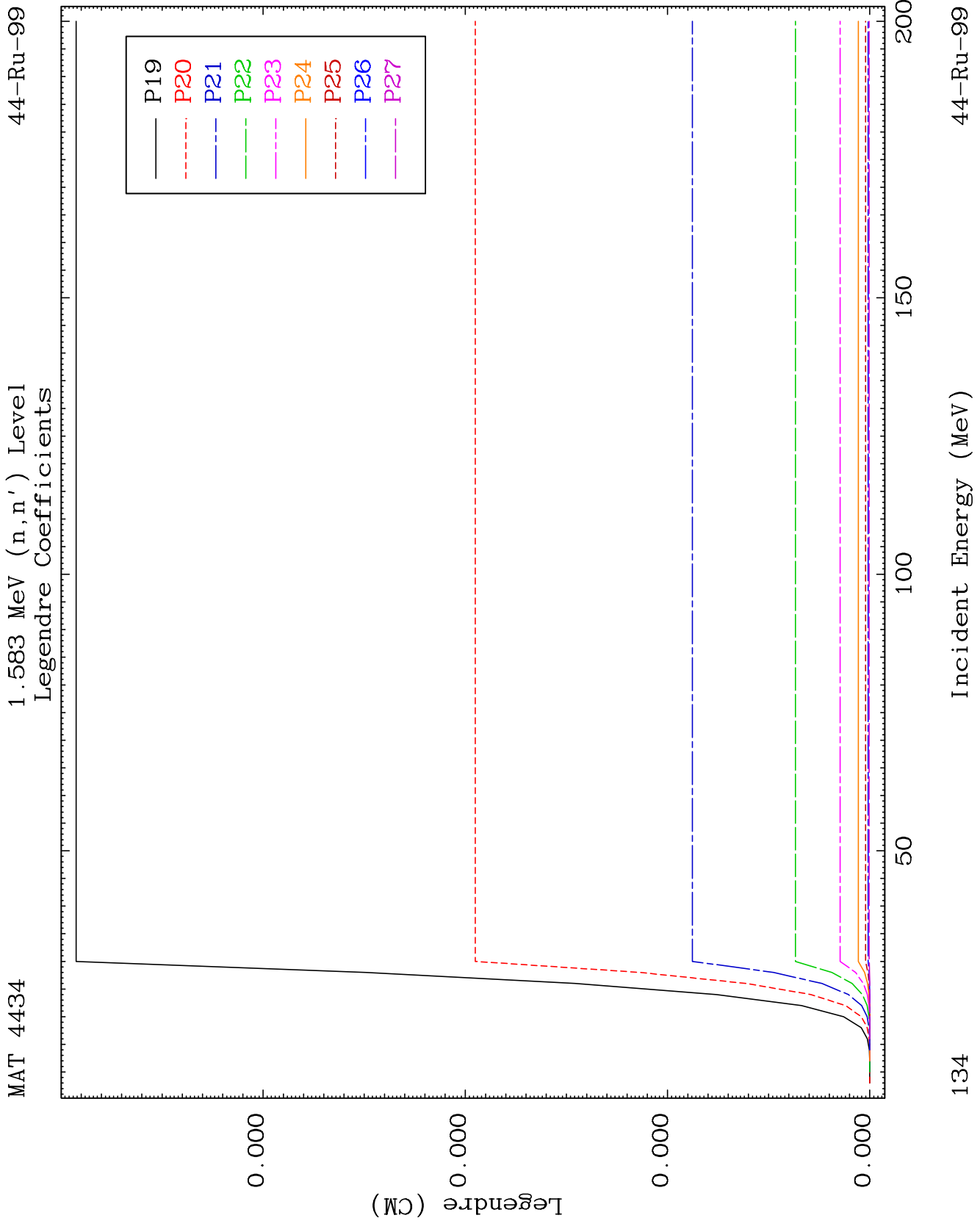
44-Ru-99

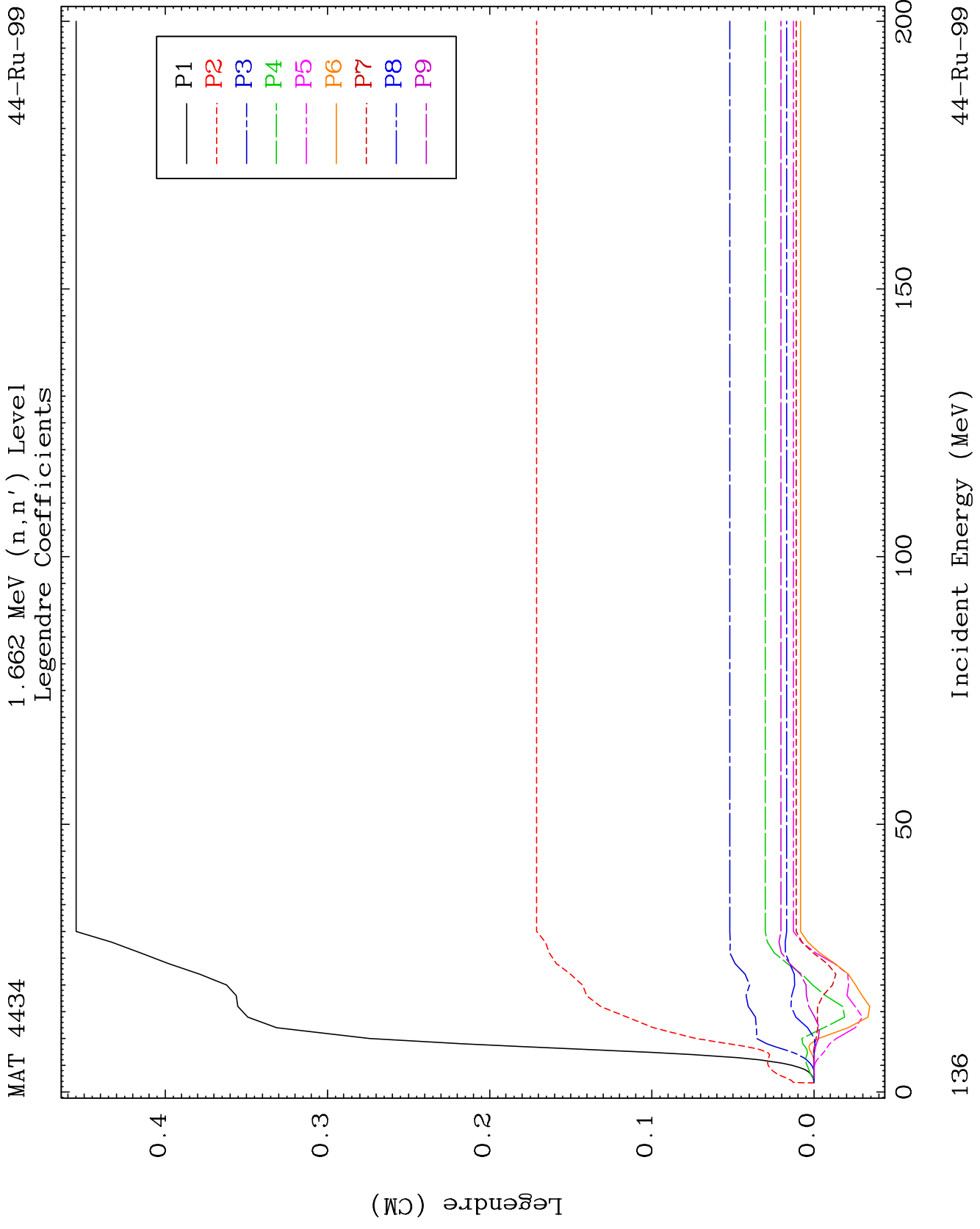








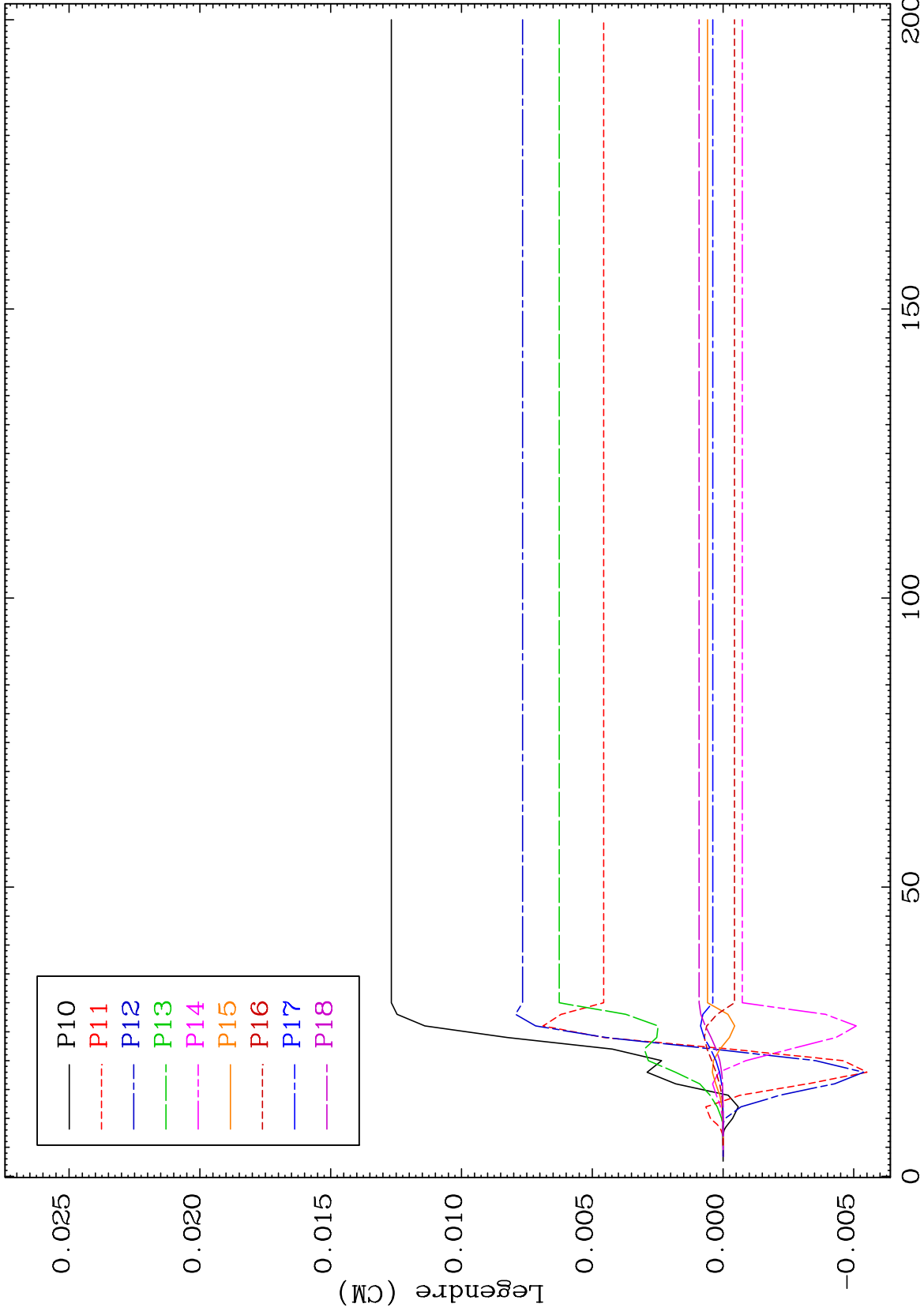




MAT 4434

1.662 MeV (n,n') Level
Legendre Coefficients

44-Ru-99



137

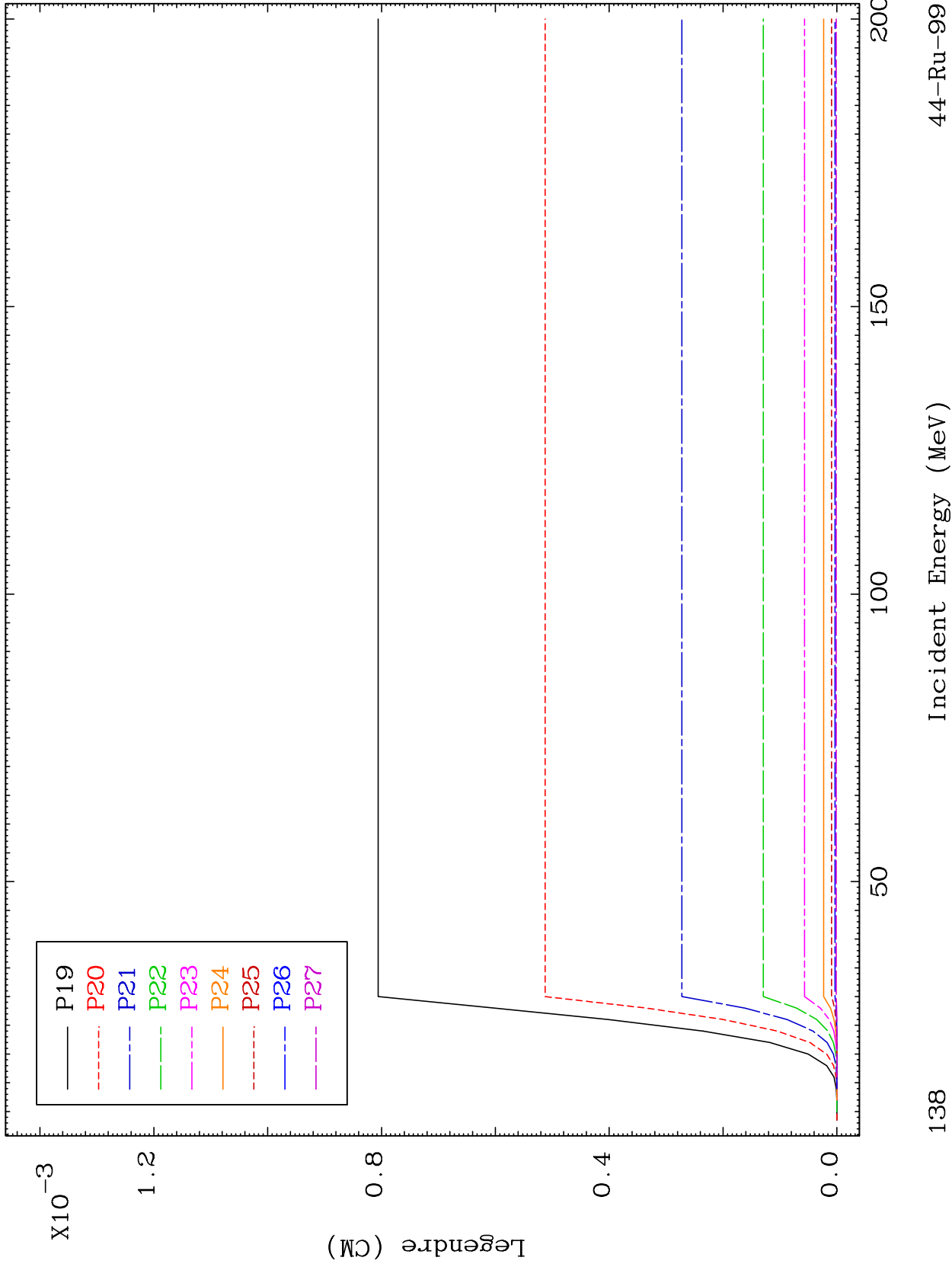
Incident Energy (MeV)

44-Ru-99

MAT 4434

1.662 MeV (n,n') Level
Legendre Coefficients

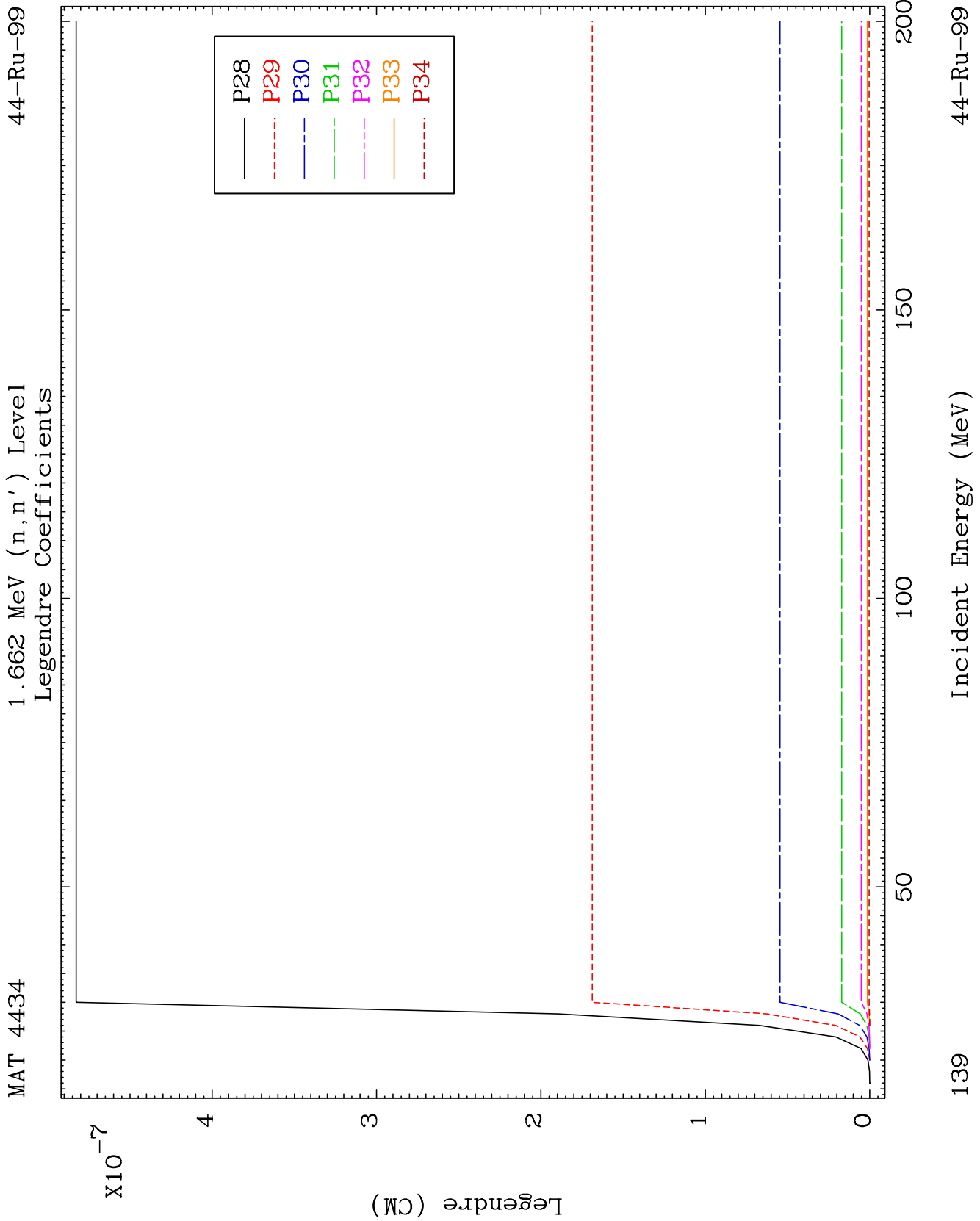
44-Ru-99



138

Incident Energy (MeV)

44-Ru-99

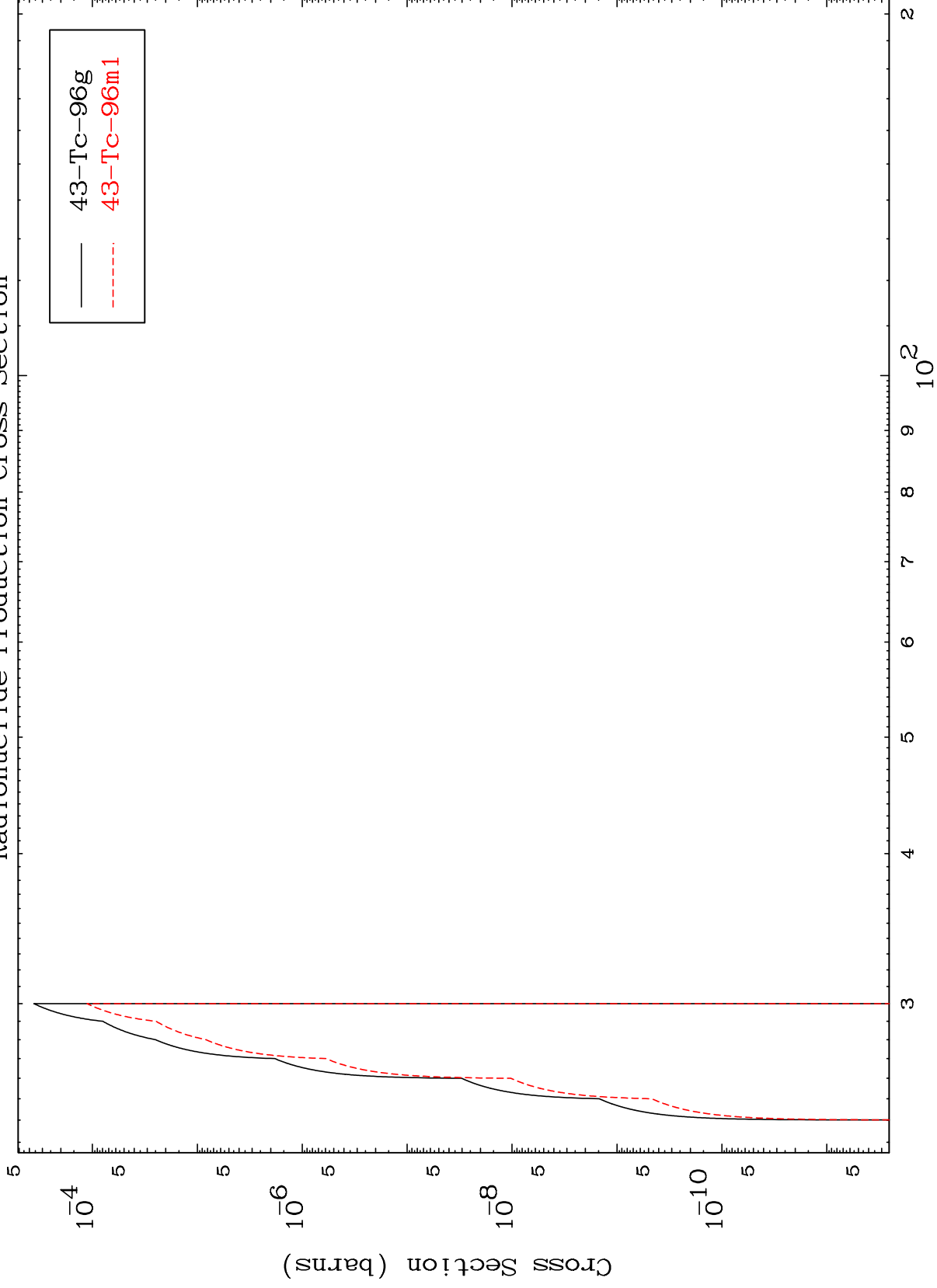


MAT 4434

(n,2n) d

44-Ru-99

Radionuclide Production Cross Section



140

Incident Energy (MeV)

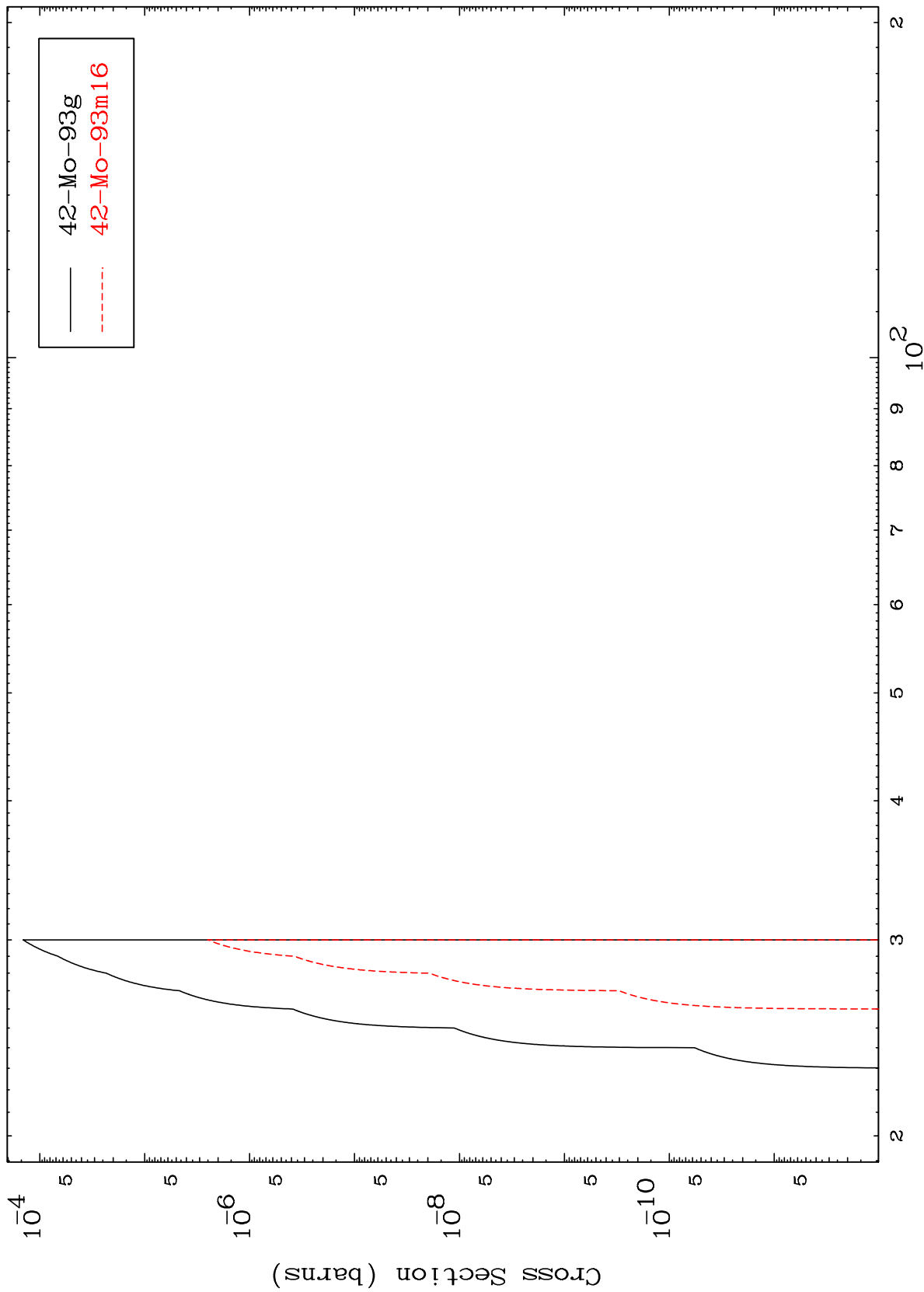
44-Ru-99

MAT 4434

(n,3n) α

44-Ru-99

Radionuclide Production Cross Section

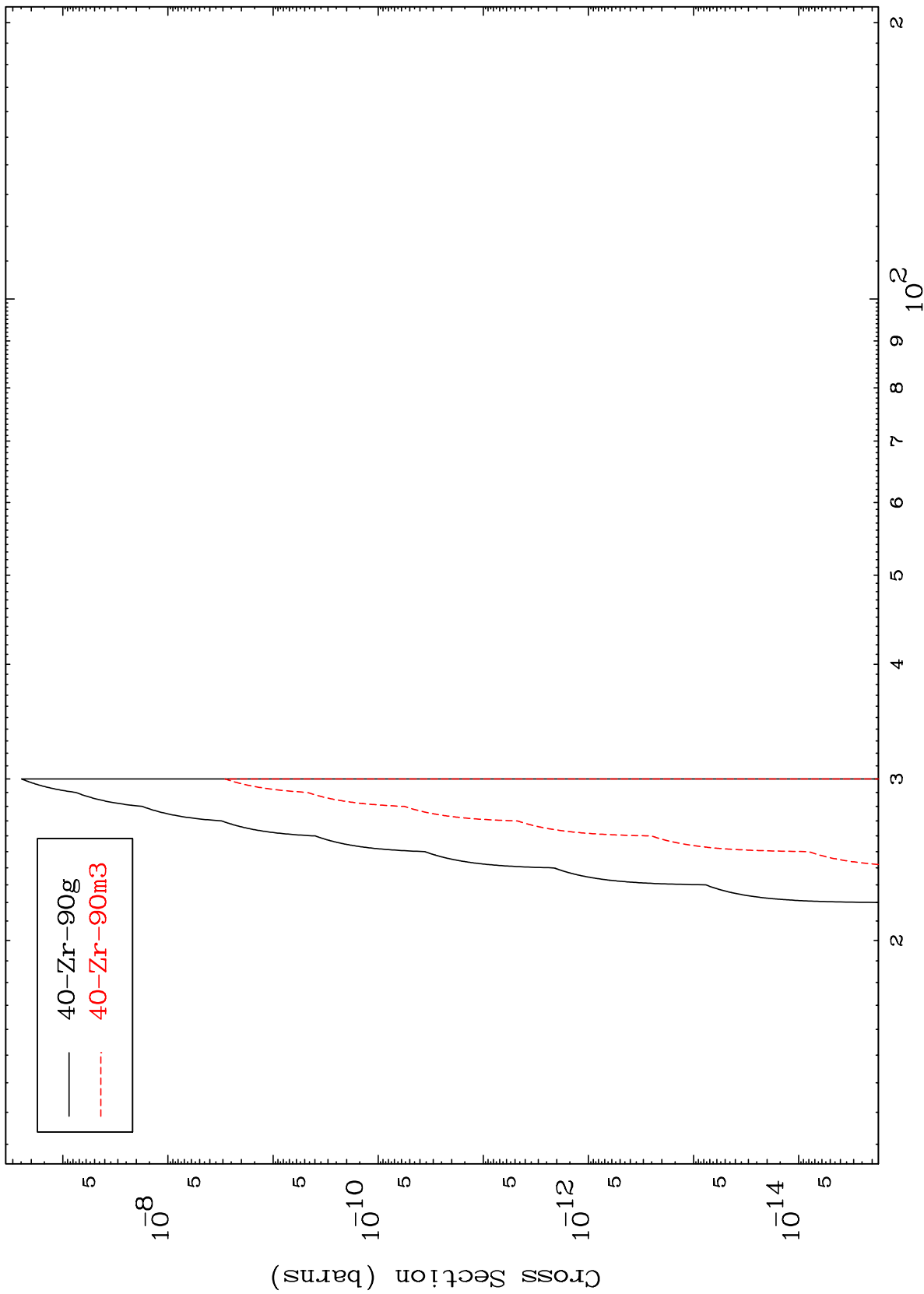


141

Incident Energy (MeV)

44-Ru-99

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

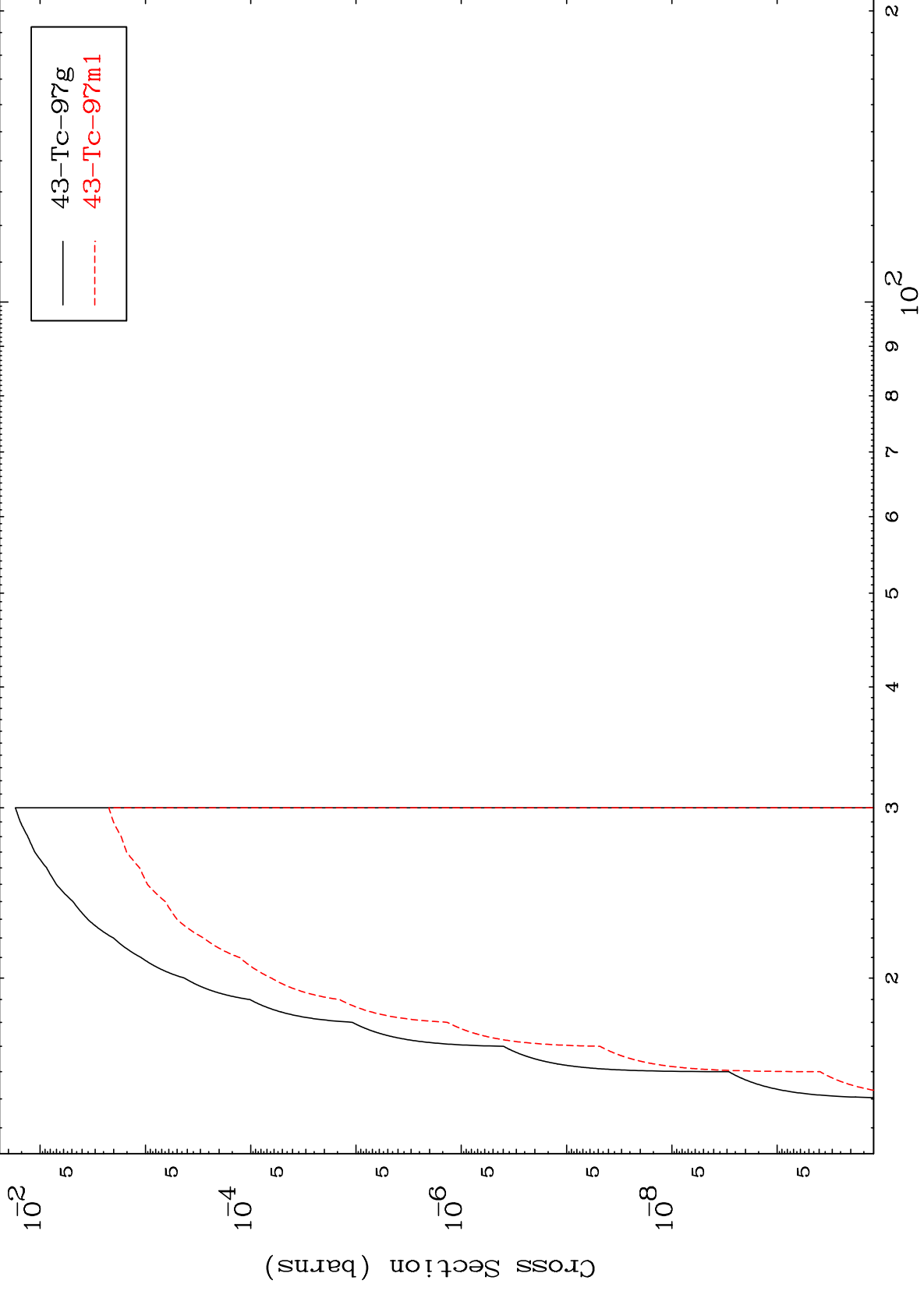


MAT 4434

(n,n') d

44-Ru-99

Radionuclide Production Cross Section



143

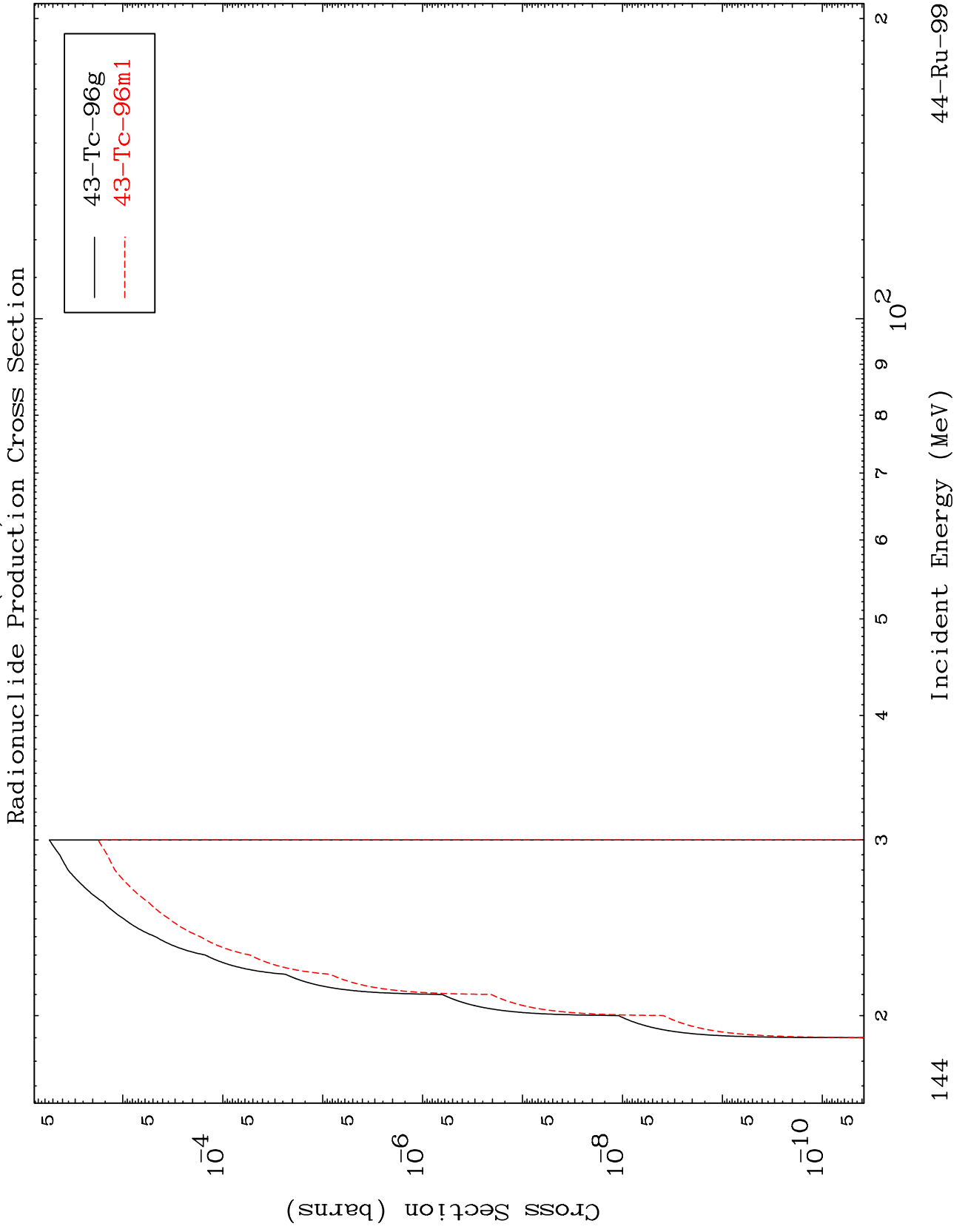
Incident Energy (MeV)

44-Ru-99

MAT 4434

(n,n') t

44-Ru-99



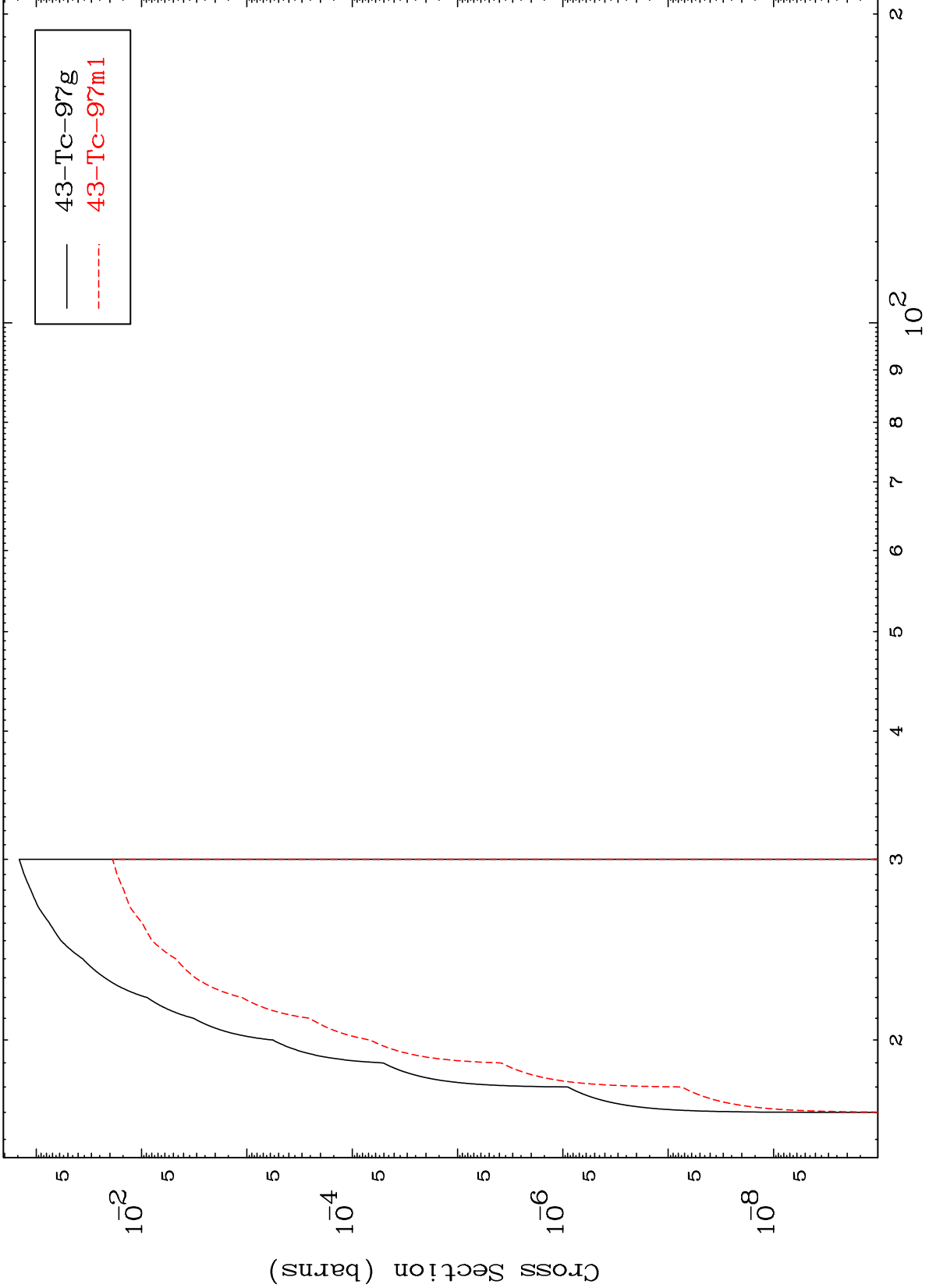
144

MAT 4434

(n,2n) p

44-Ru-99

Radionuclide Production Cross Section



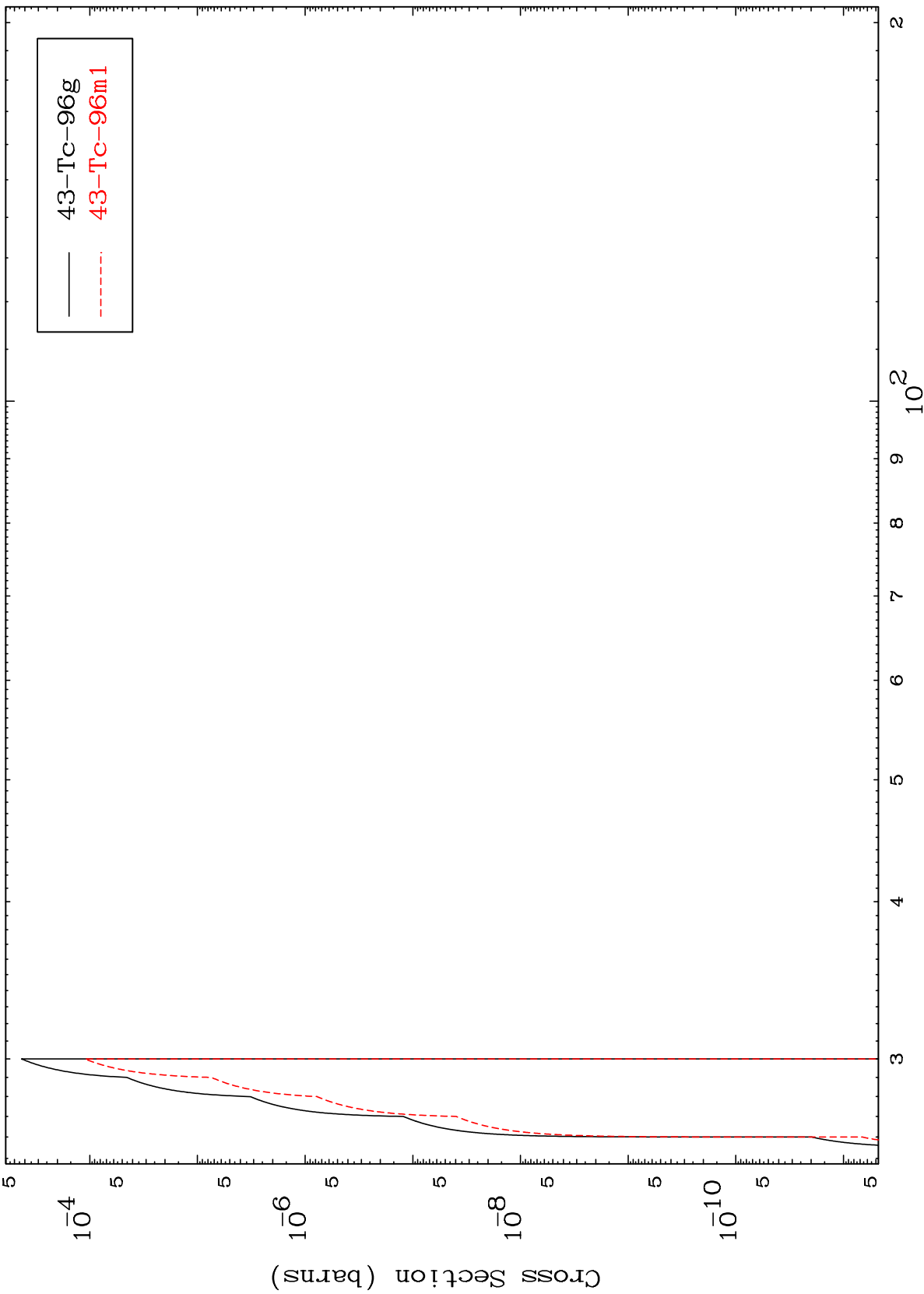
43-Tc-97g
43-Tc-97m1

145

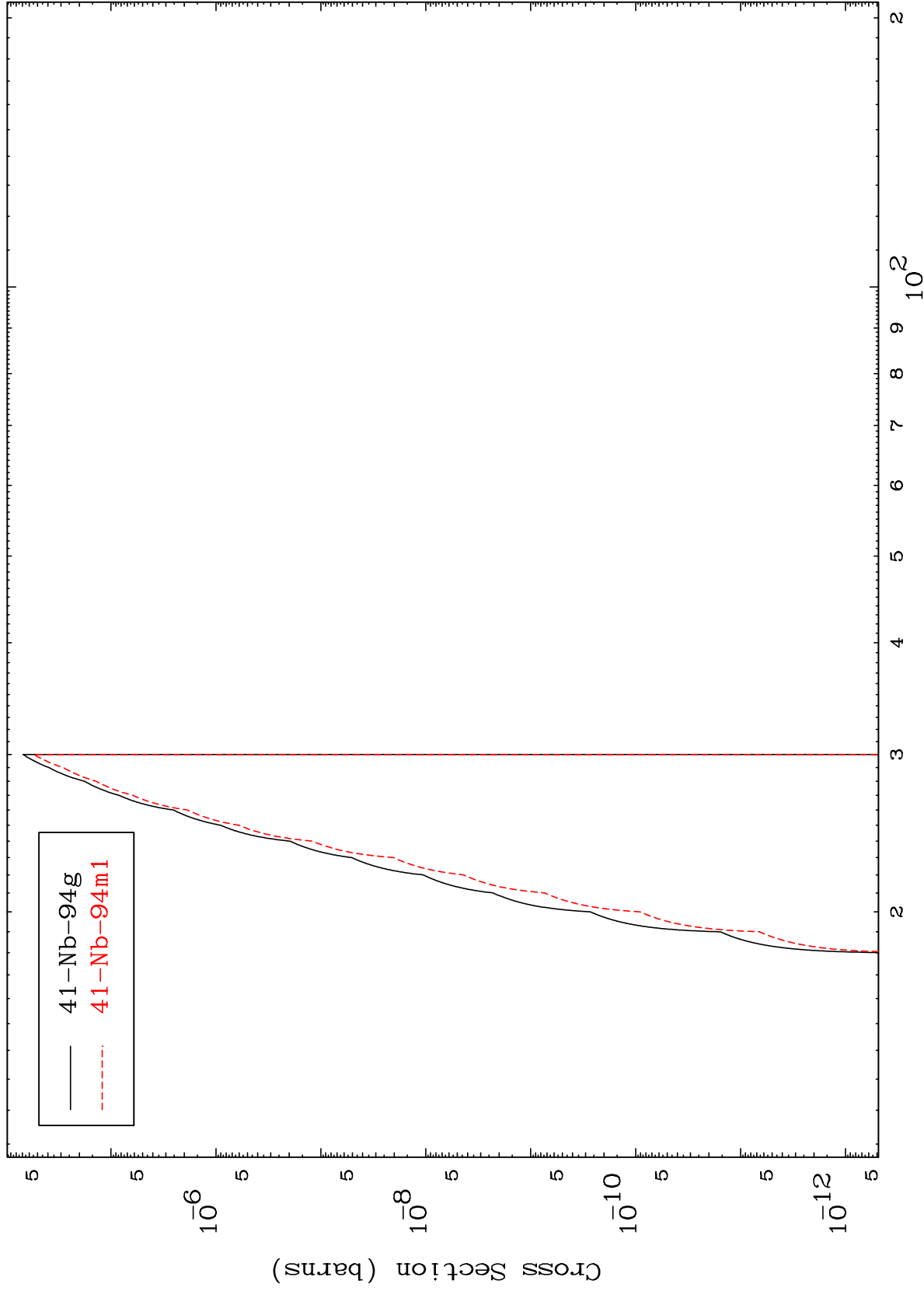
Incident Energy (MeV)

44-Ru-99

Radionuclide Production Cross Section



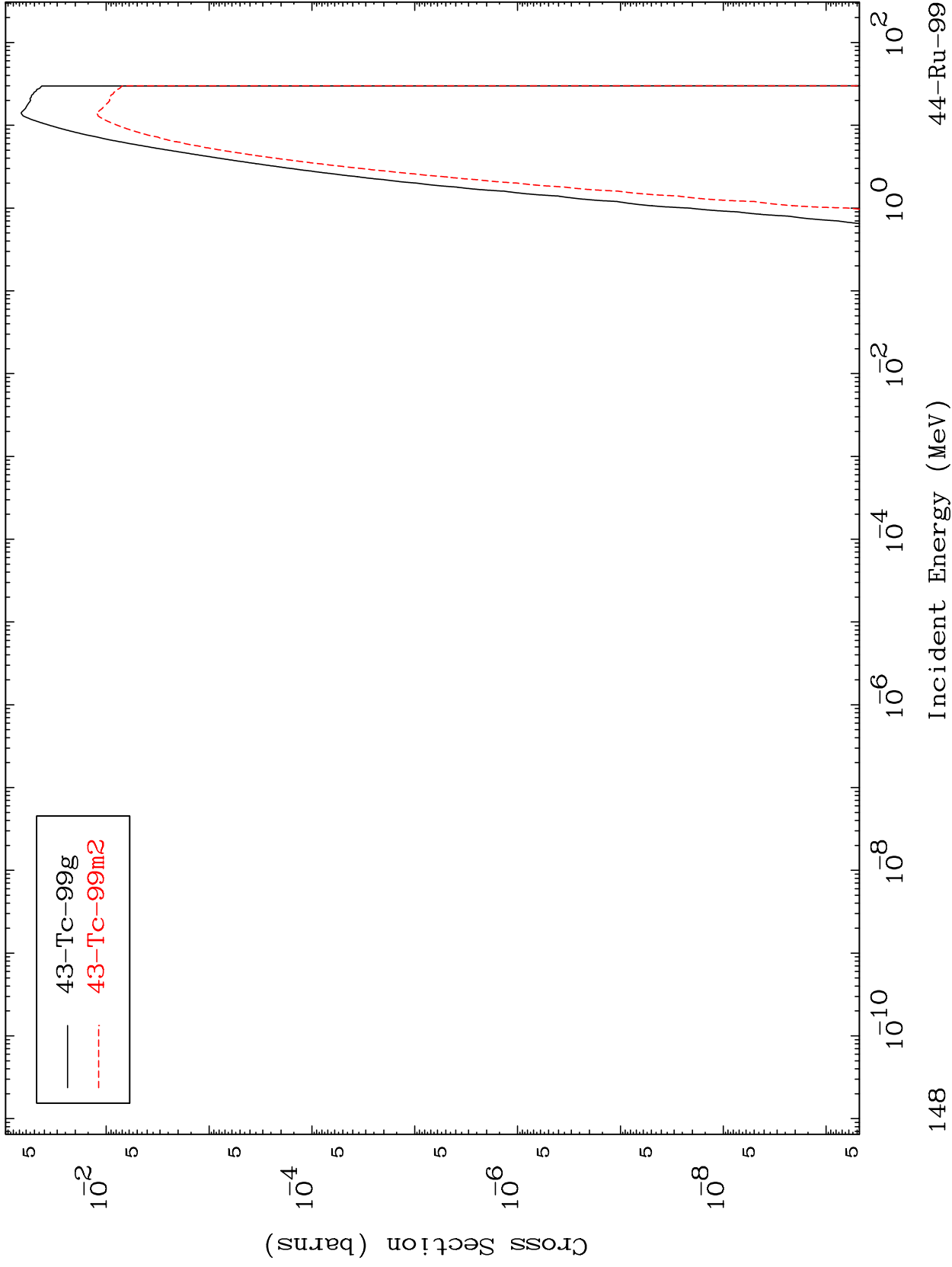
Radionuclide Production Cross Section



MAT 4434

Radionuclide Production Cross Section
(n,p)

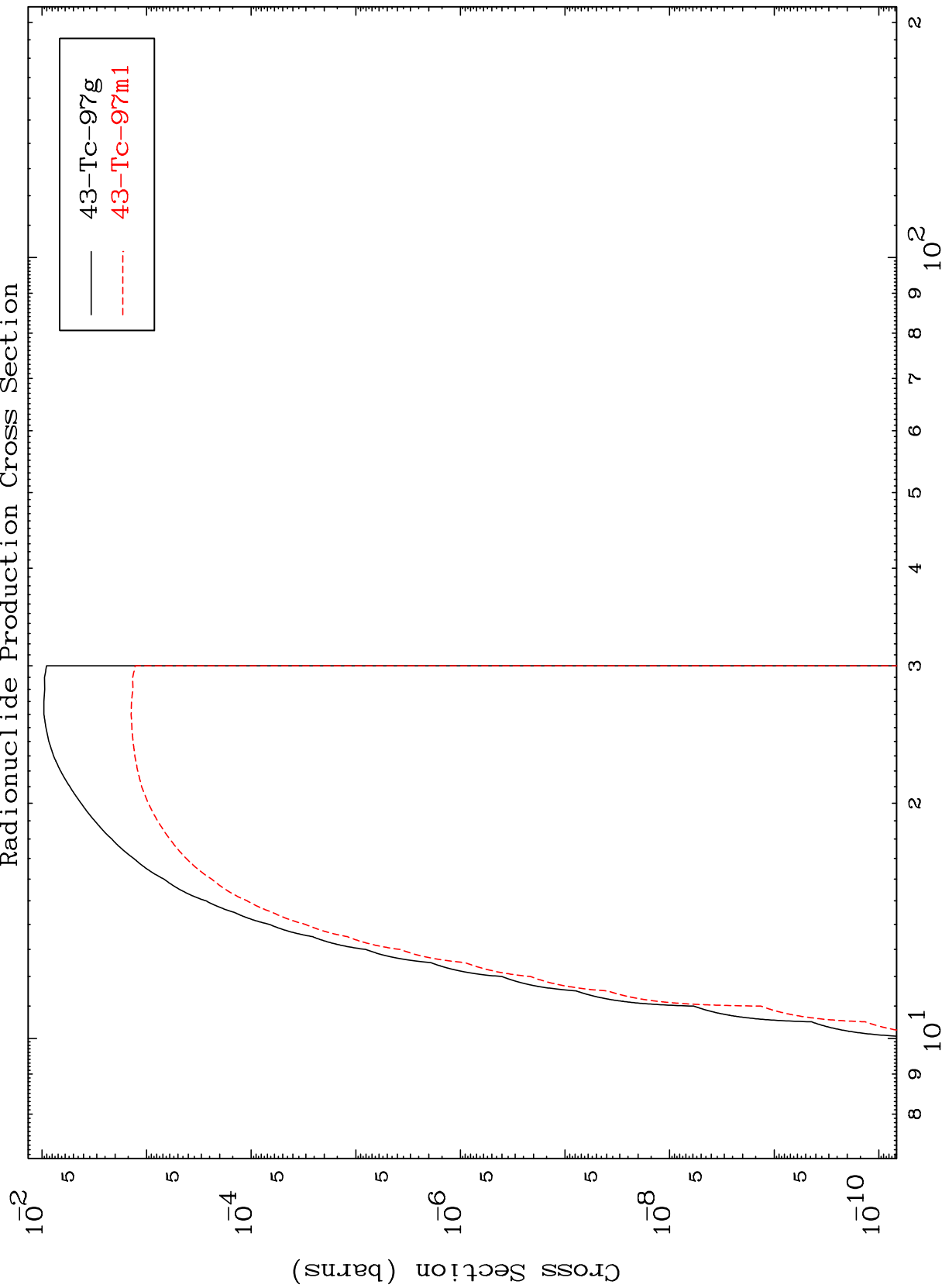
44-Ru-99



MAT 4434

44-Ru-99

(n, t)
Radionuclide Production Cross Section



149

Incident Energy (MeV)

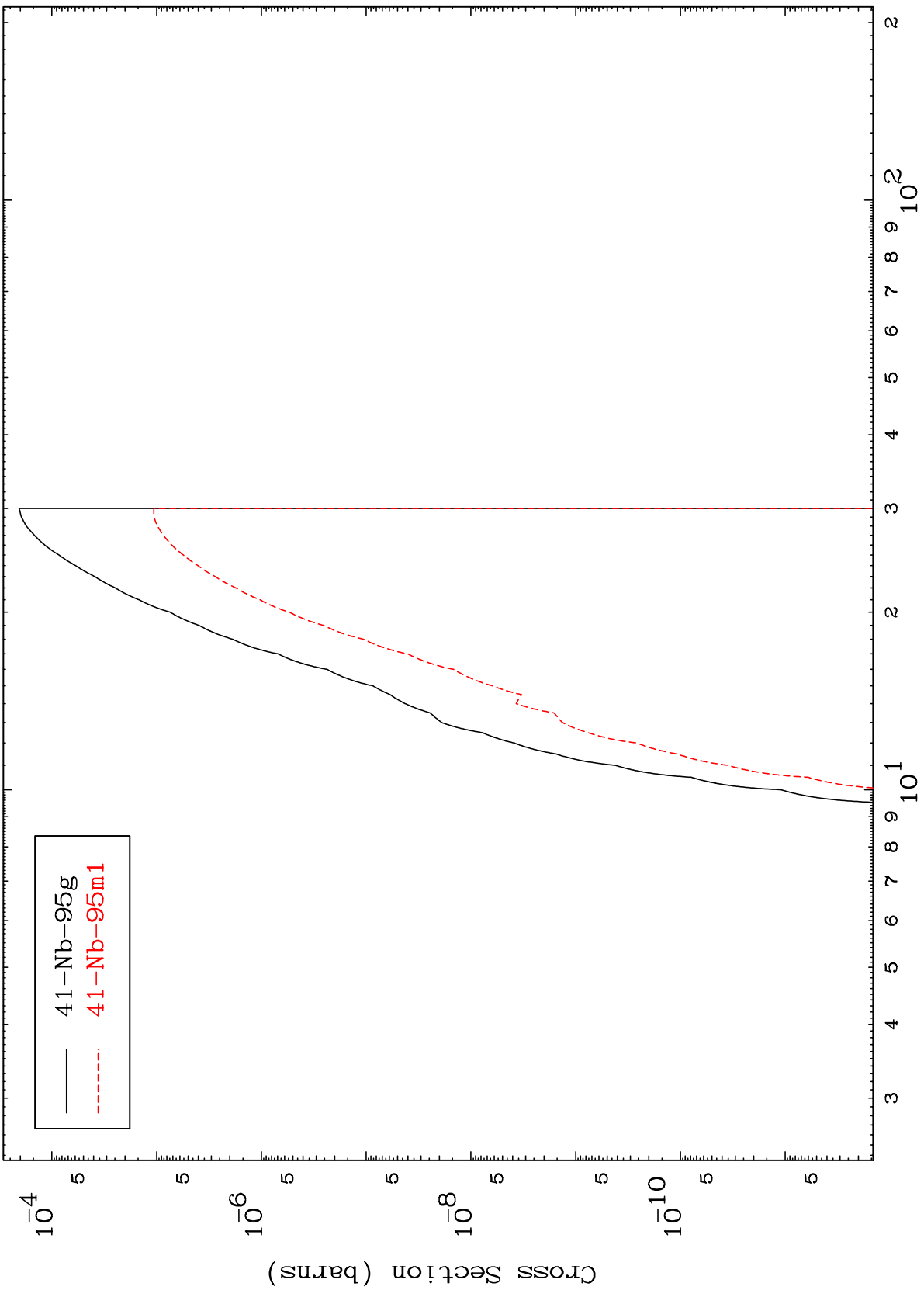
44-Ru-99

MAT 4434

(n,p) α

44-Ru-99

Radionuclide Production Cross Section



150

Incident Energy (MeV)

44-Ru-99

MAT 4434

(n,d) α

44-Ru-99

