

Program EVALPLOT
(Version 2021-1)

by

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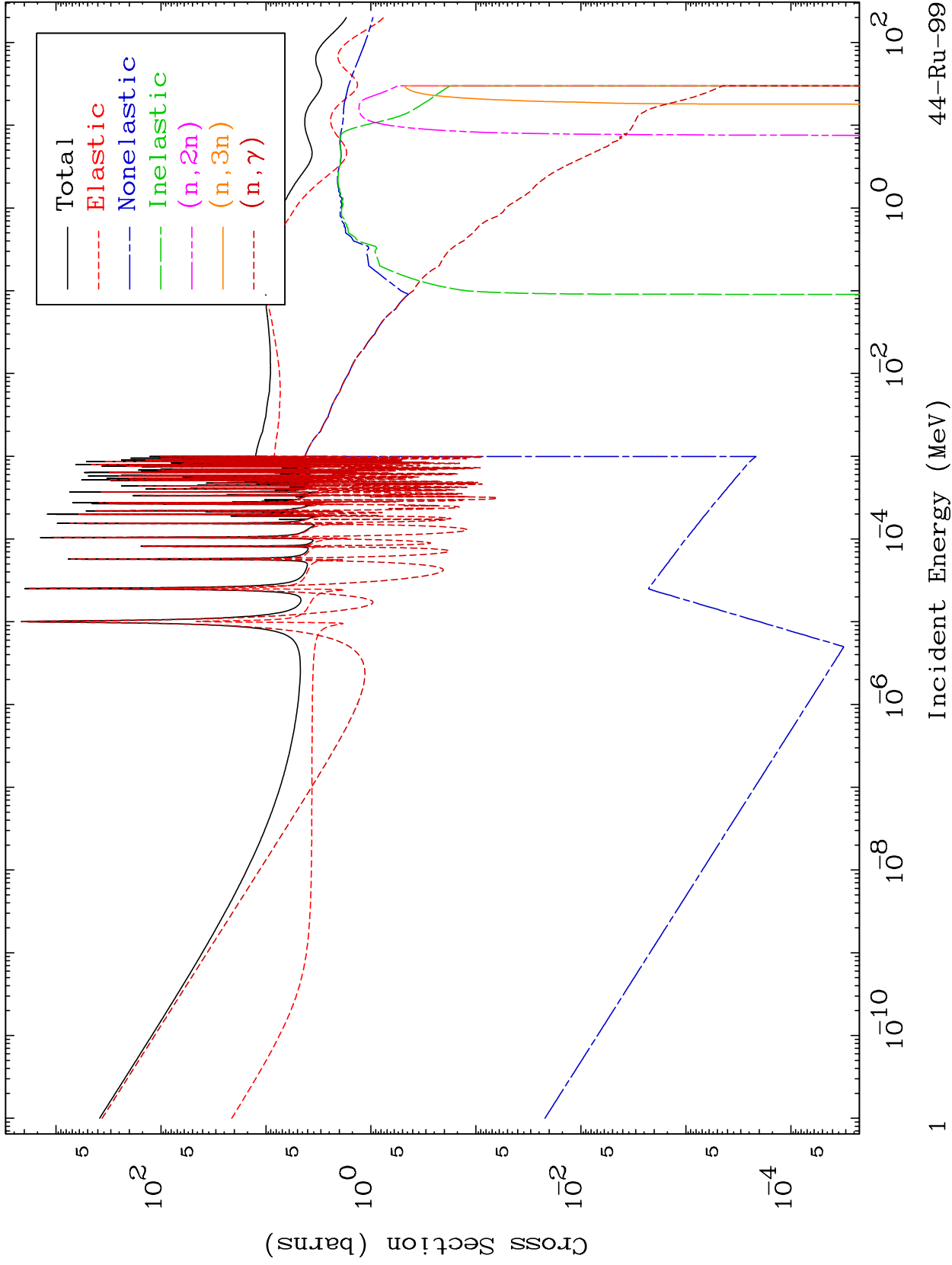
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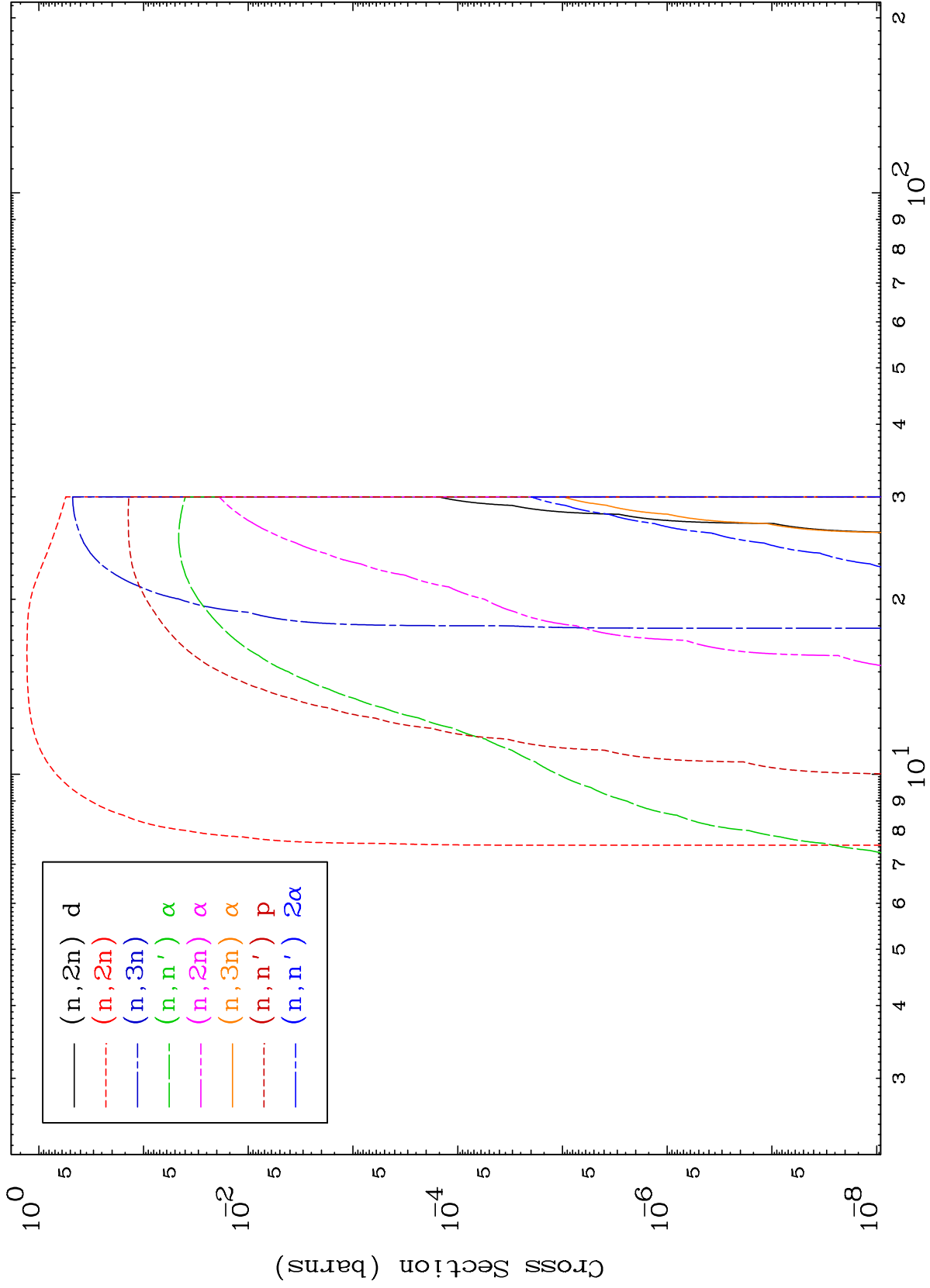
Press Mouse Button to Start

MAT 4434

Neutron Major
293 Kelvin Cross Sections

44-Ru-99

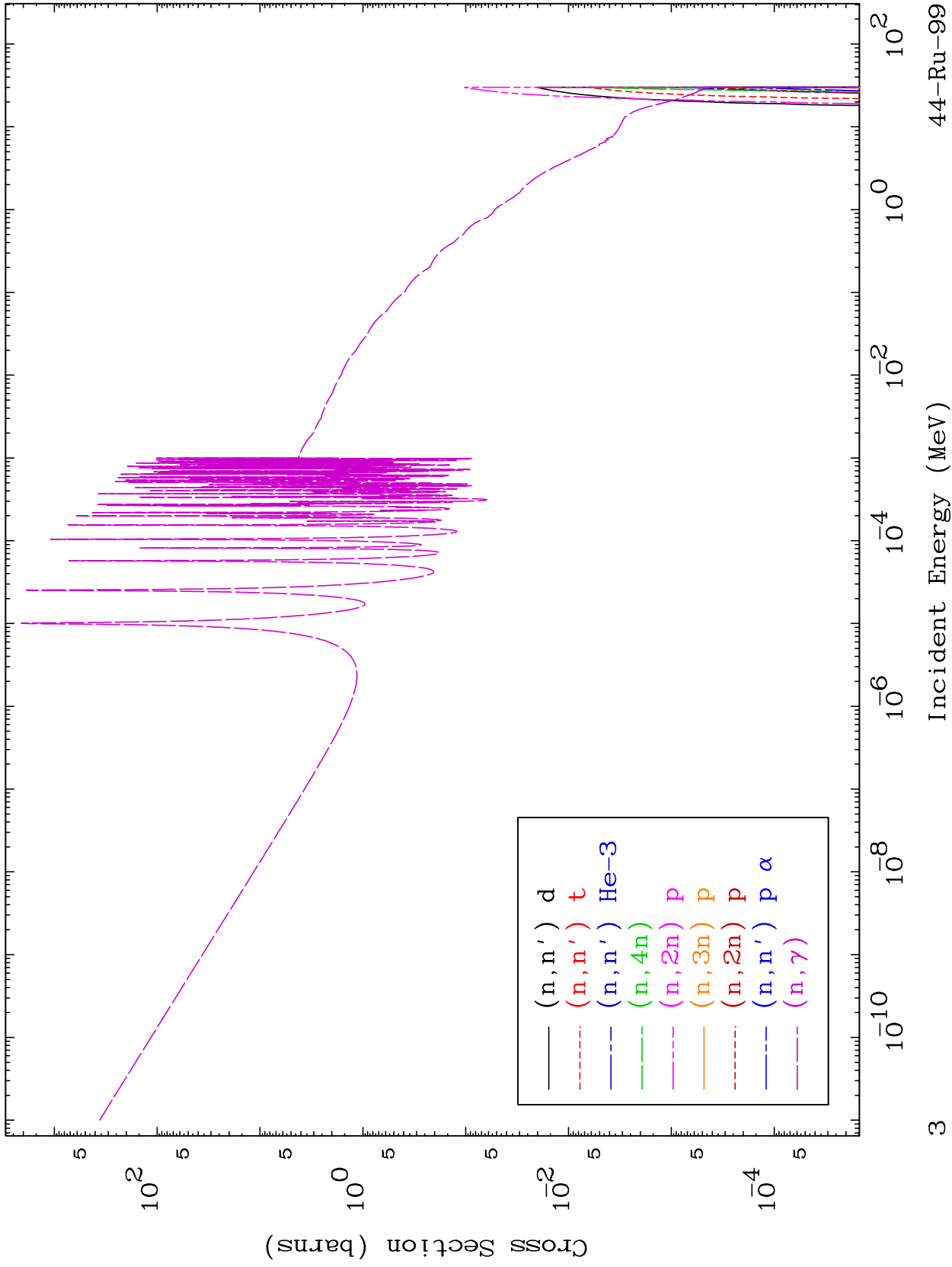




MAT 4434

Neutron Absorption
293 Kelvin Cross Sections

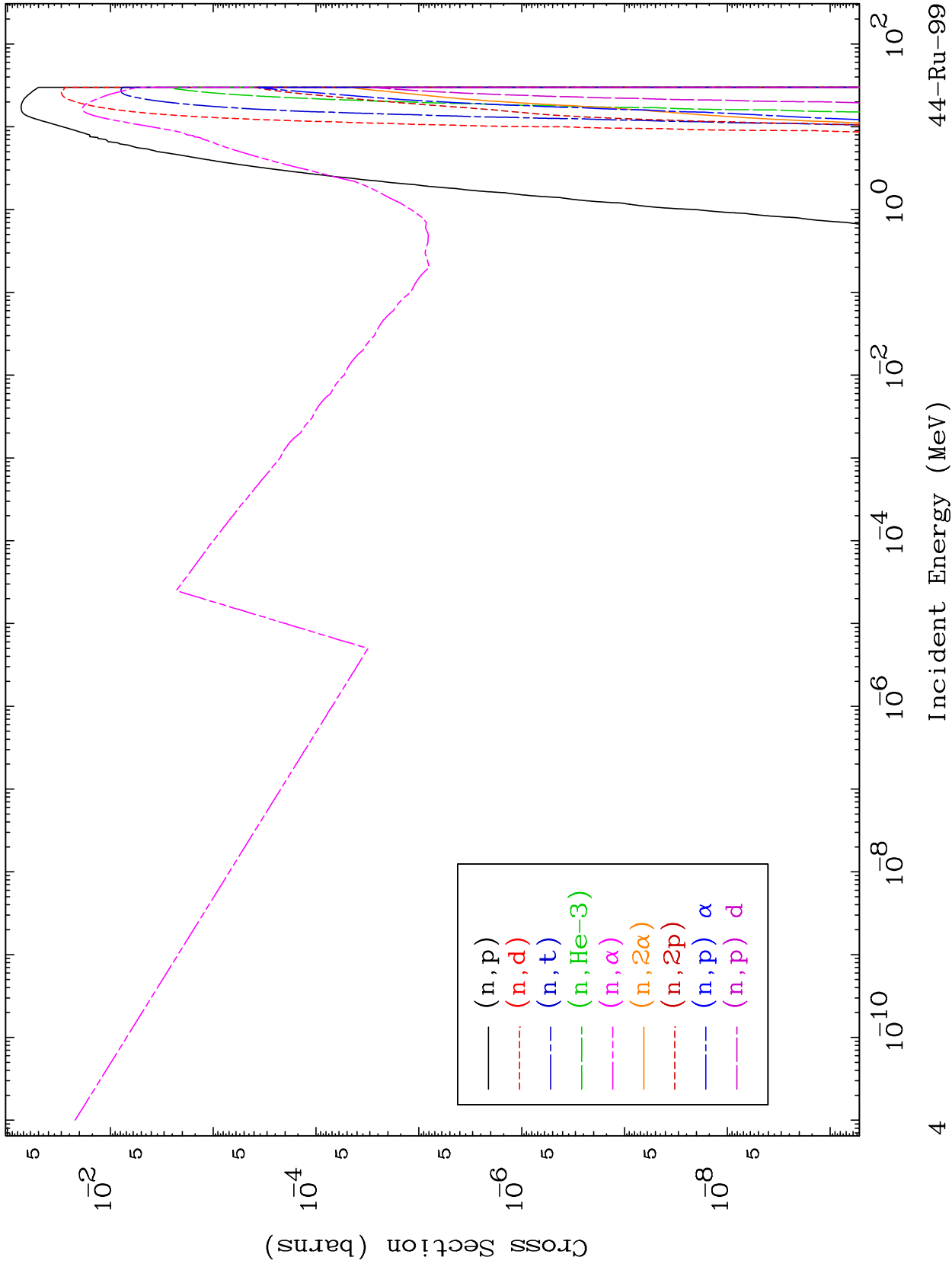
44-Ru-99



MAT 4434

Neutron Absorption
293 Kelvin Cross Sections

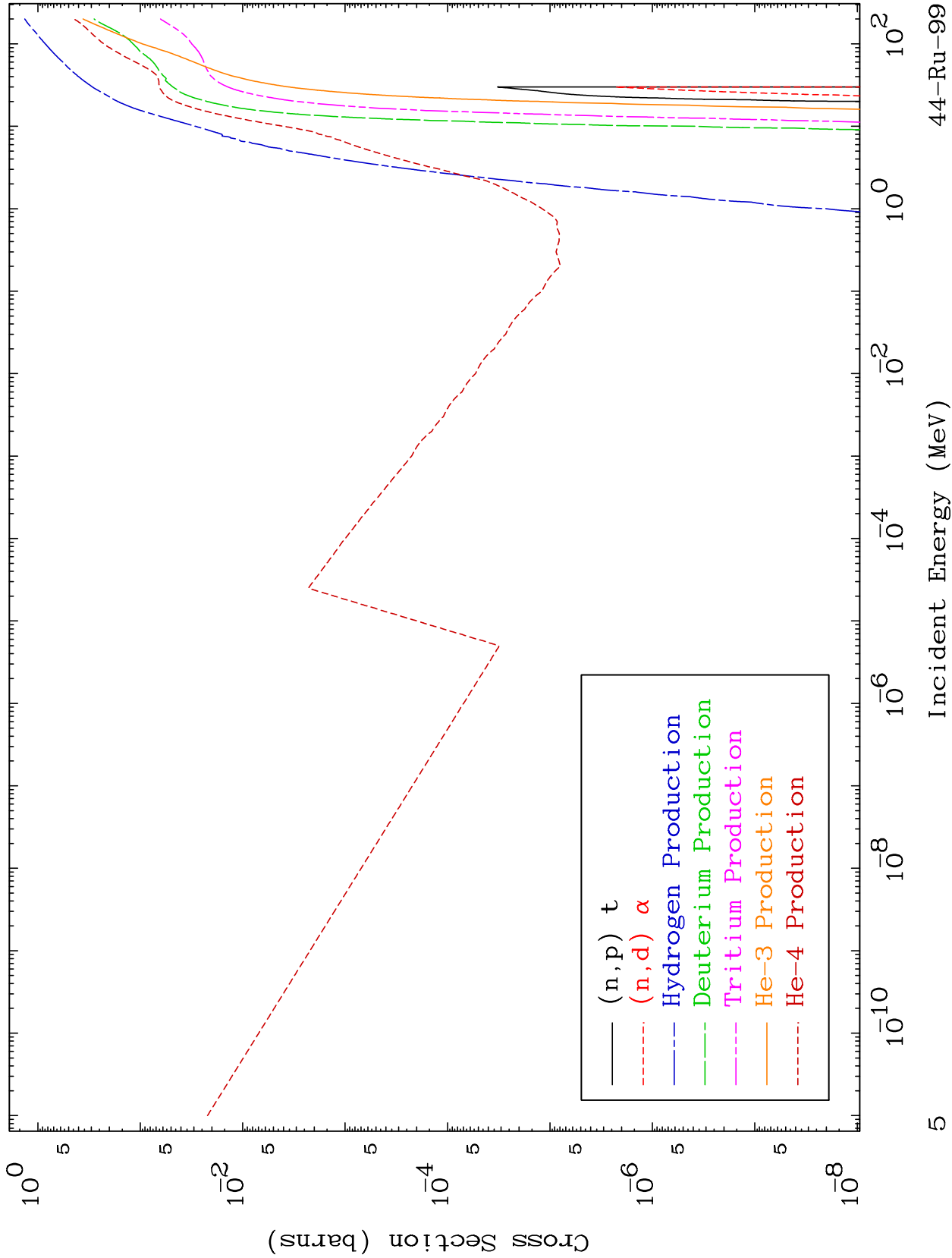
44-Ru-99

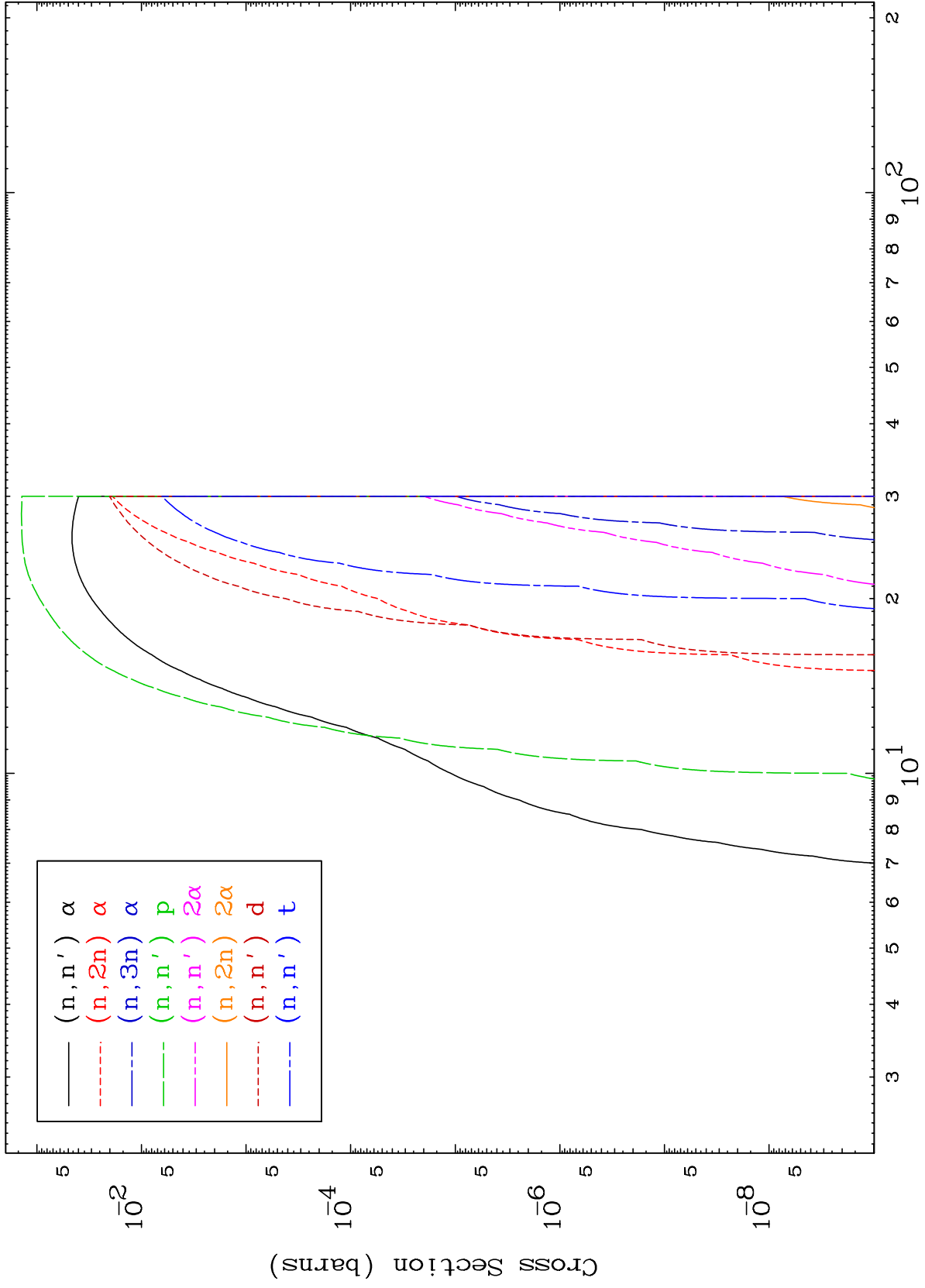


MAT 4434

Neutron Absorption
293 Kelvin Cross Sections

44-Ru-99

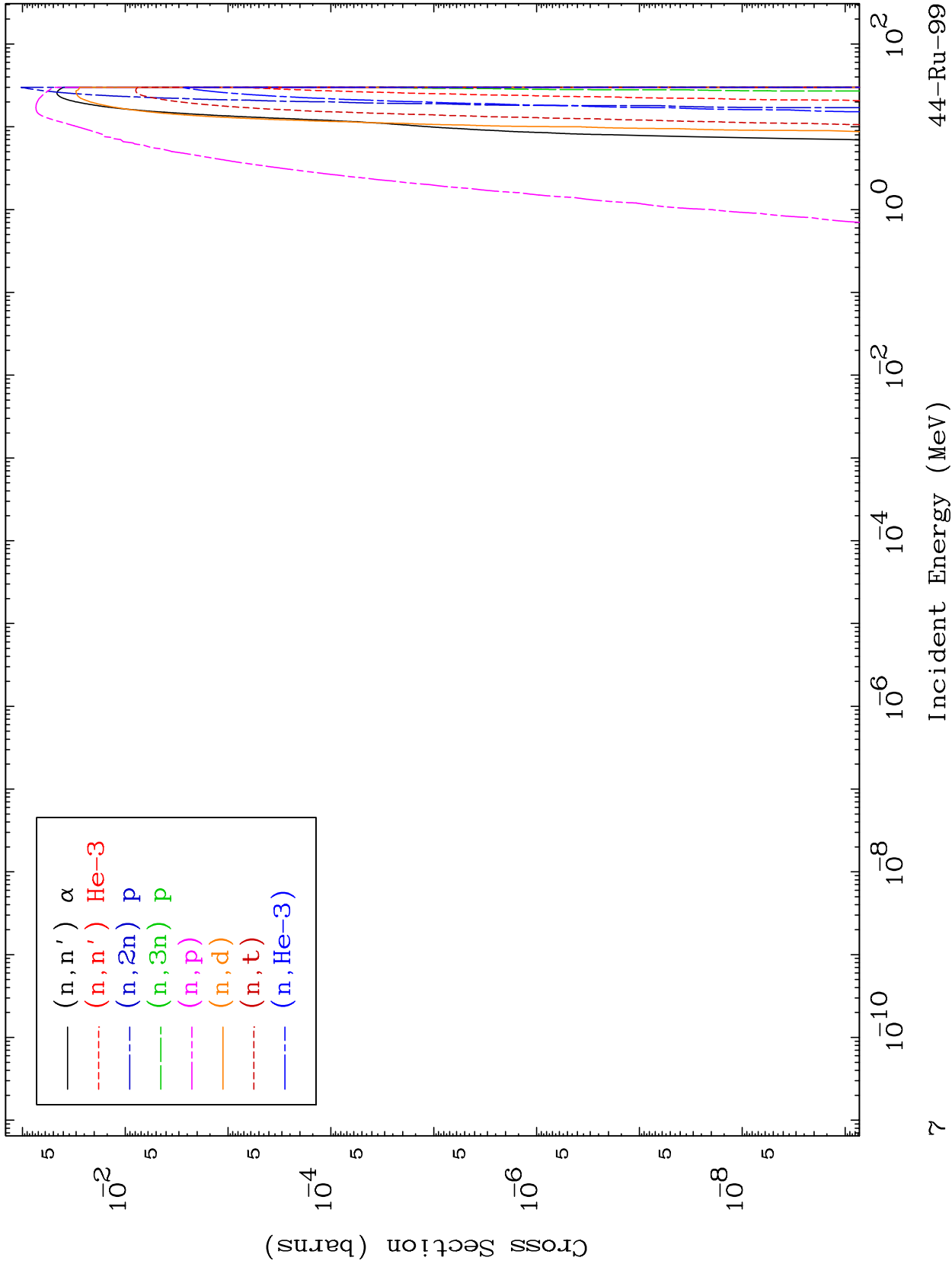




MAT 4434

Charged Particle
293 Kelvin Cross Sections

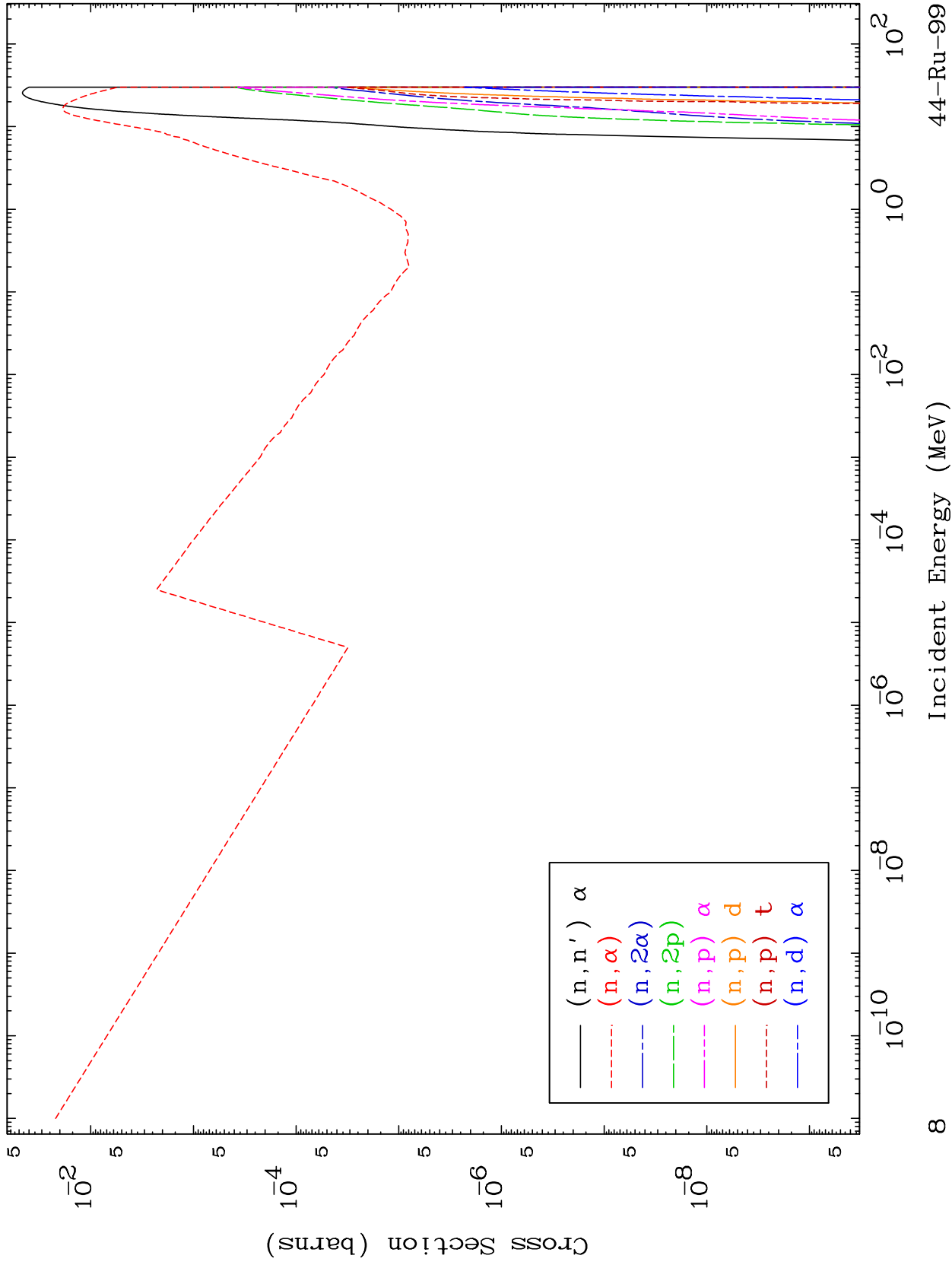
44-Ru-99



MAT 4434

Charged Particle
293 Kelvin Cross Sections

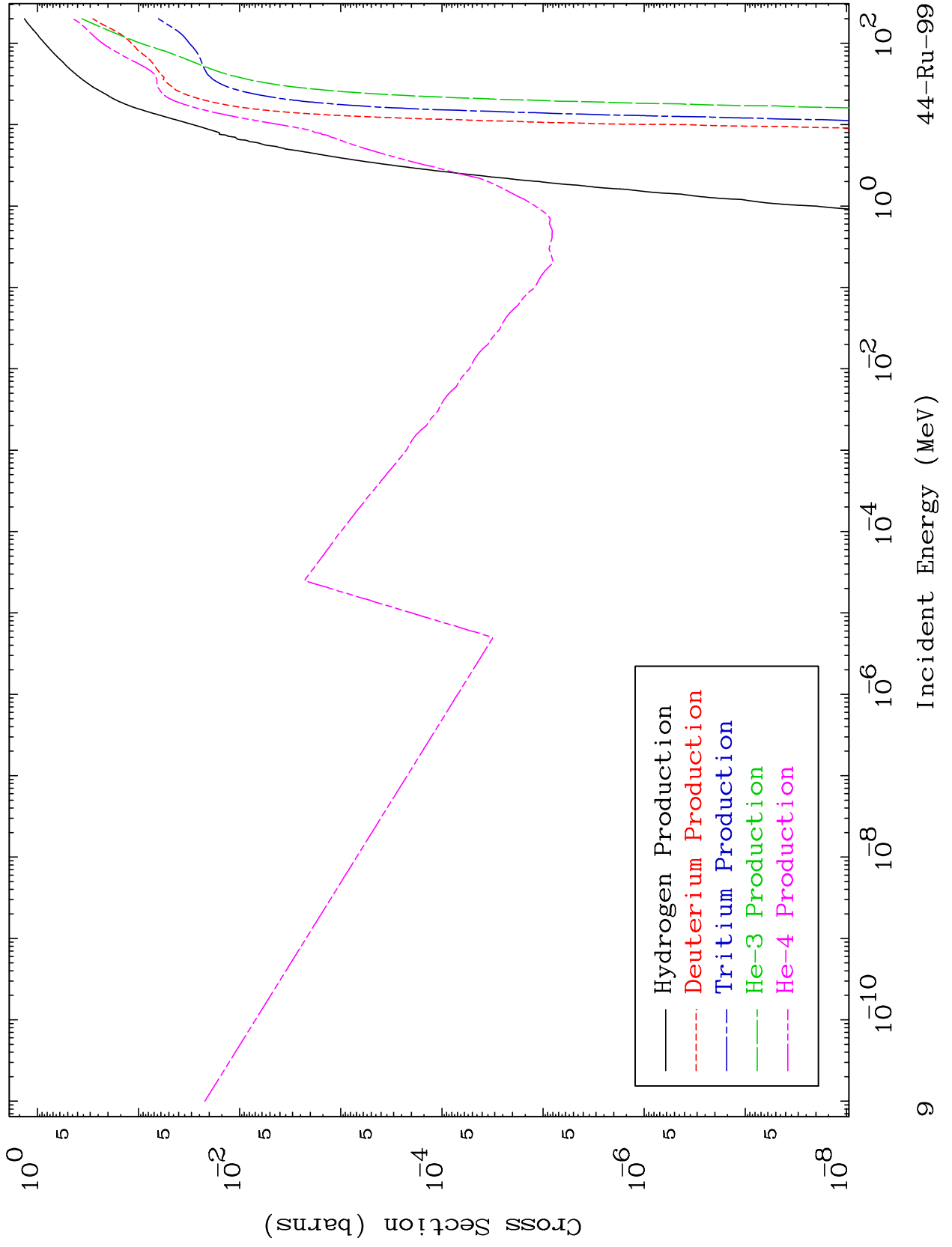
44-Ru-99



MAT 4434

Particle Production
293 Kelvin Cross Sections

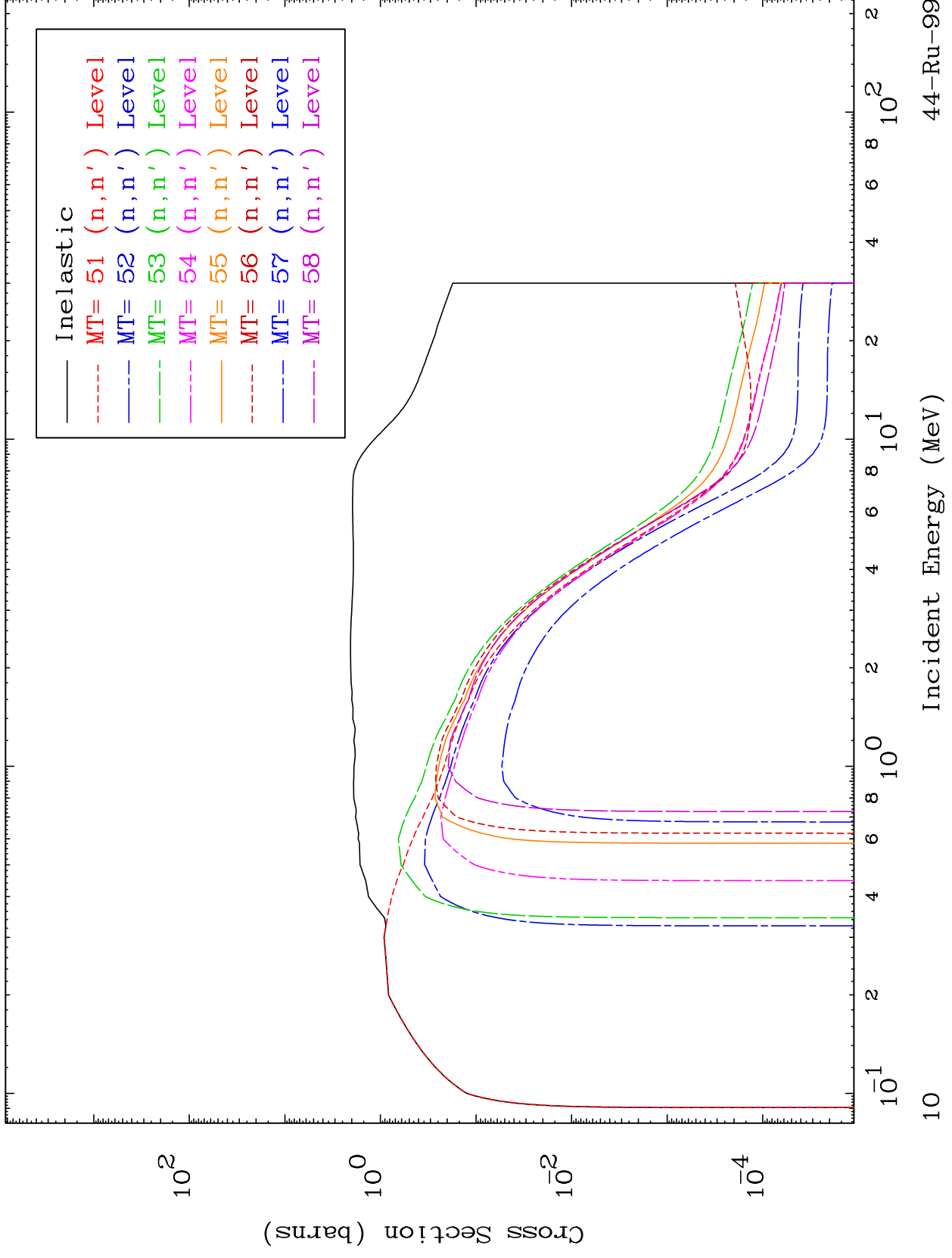
44-Ru-99



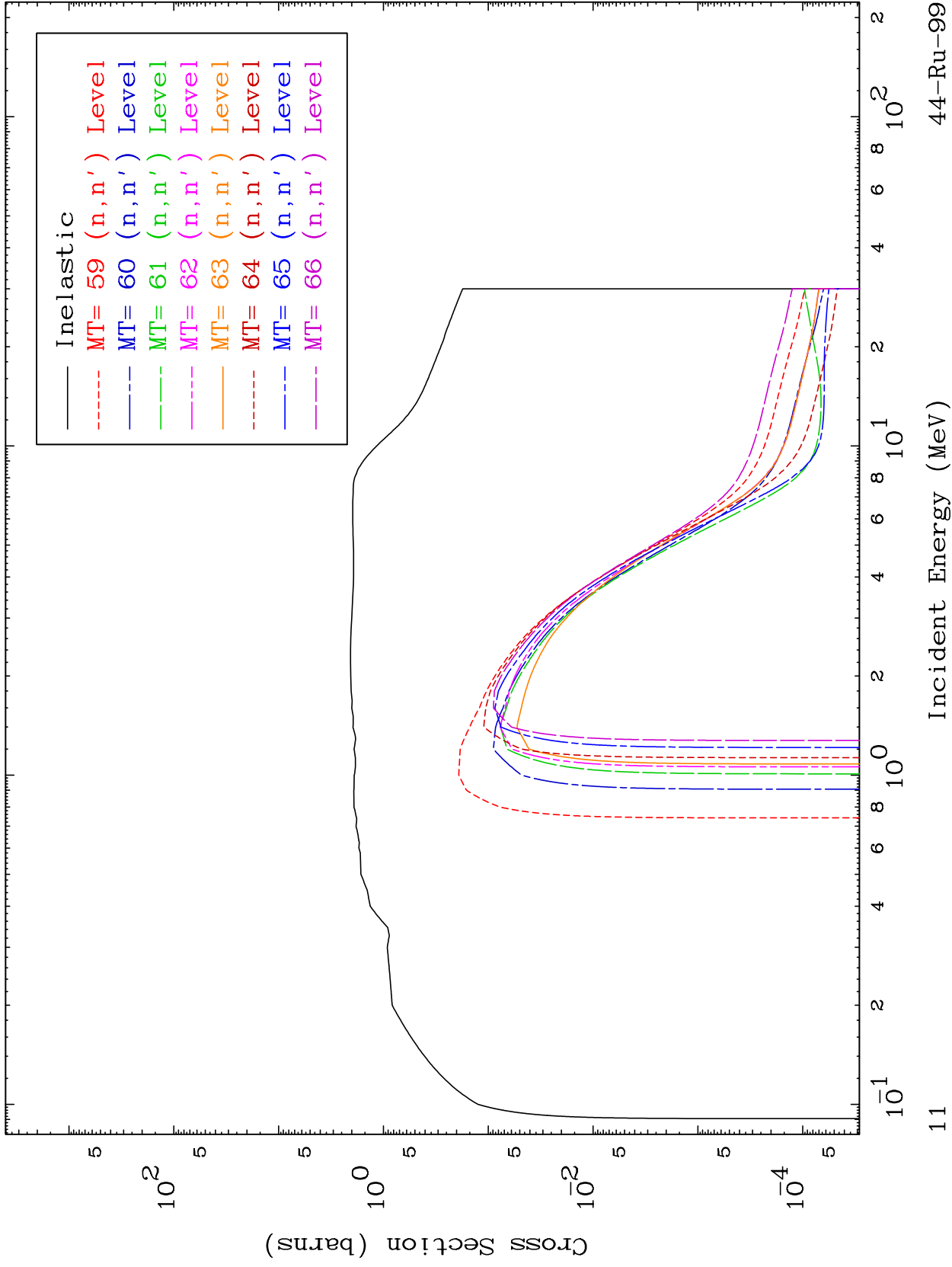
MAT 4434

(n,n') Levels
293 Kelvin Cross Sections

44-Ru-99



44-Ru-99

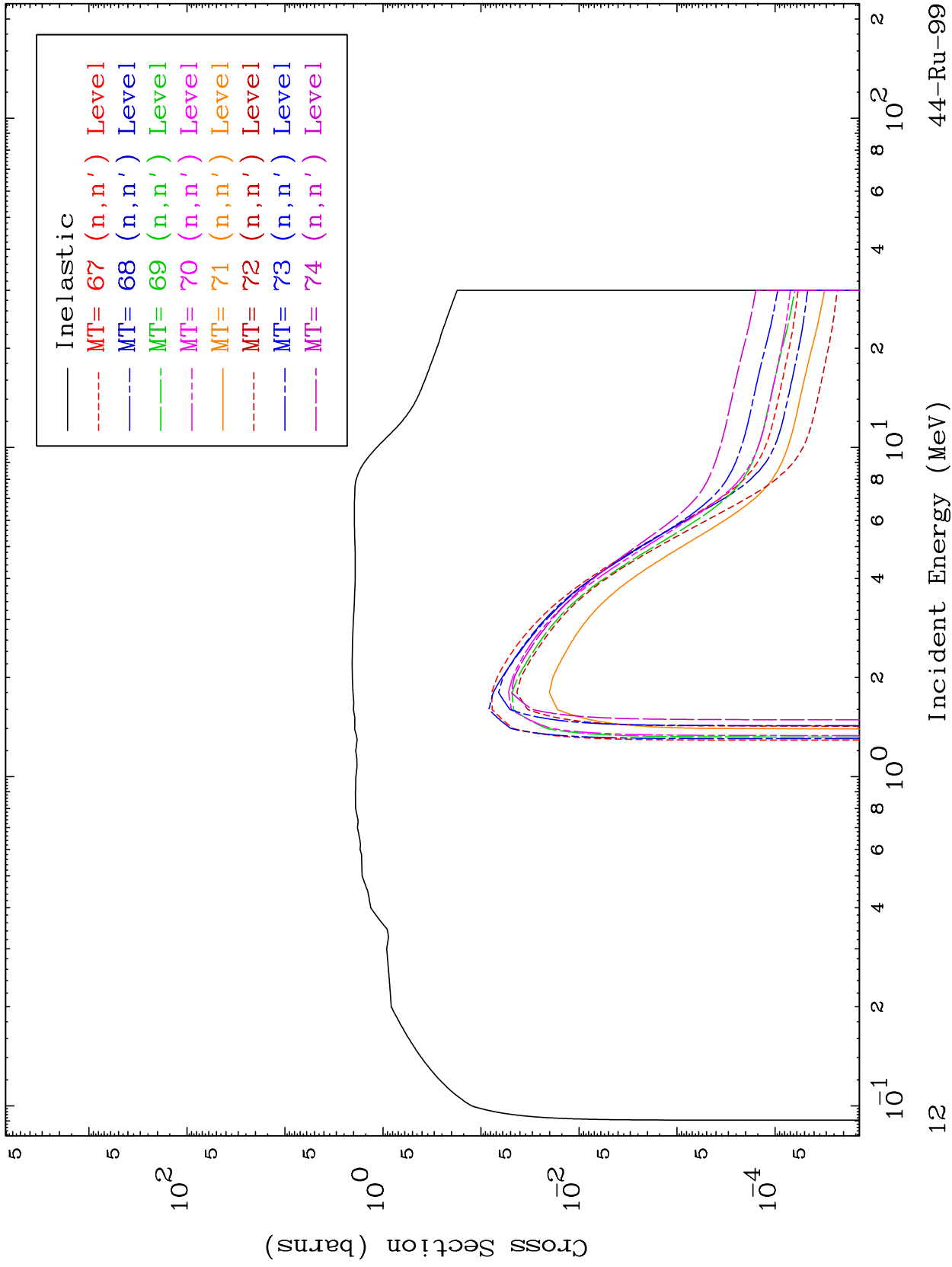


MAT 4434

(n,n') Levels

293 Kelvin Cross Sections

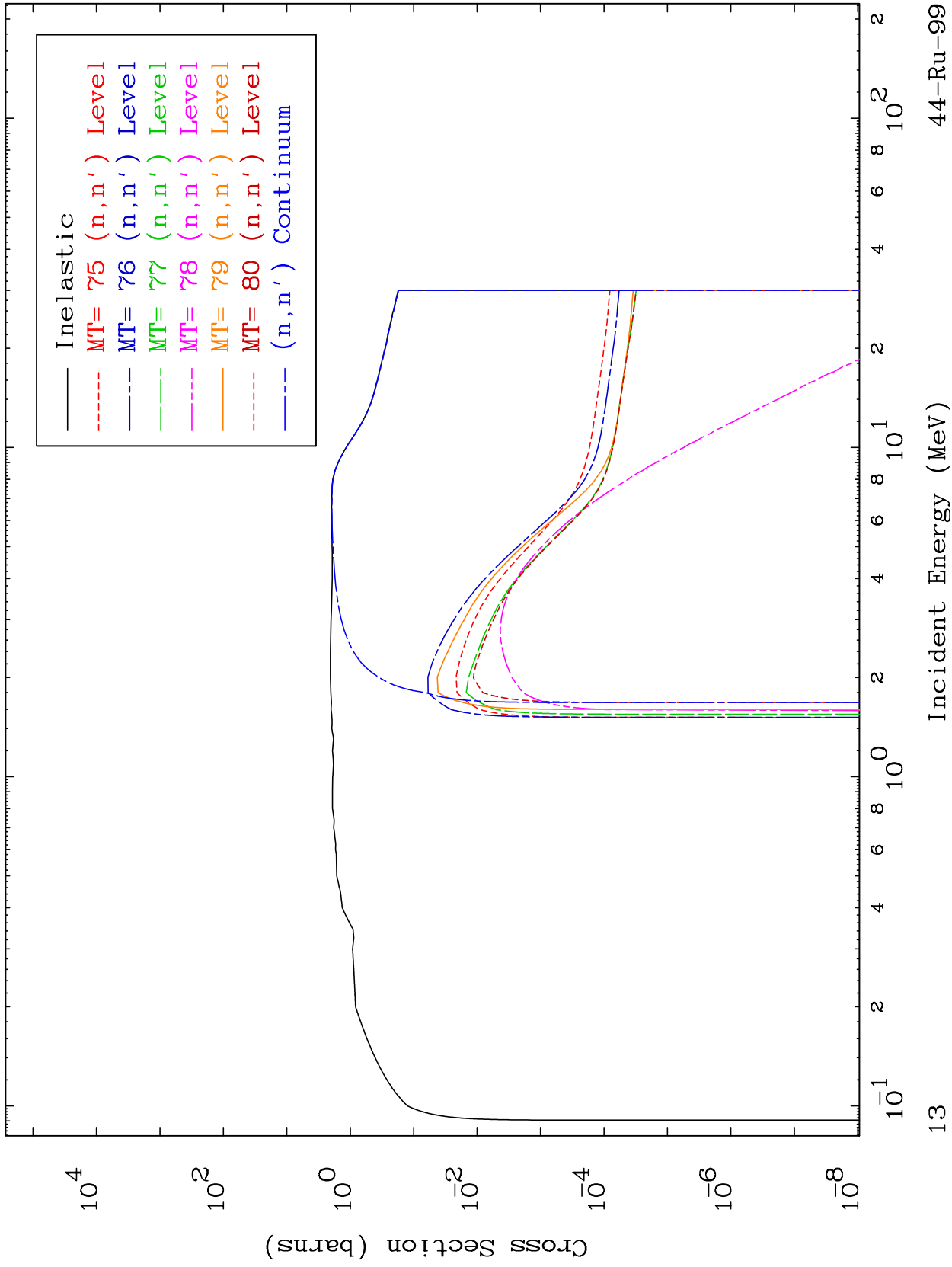
44-Ru-99



MAT 4434

(n,n') Levels
293 Kelvin Cross Sections

44-Ru-99

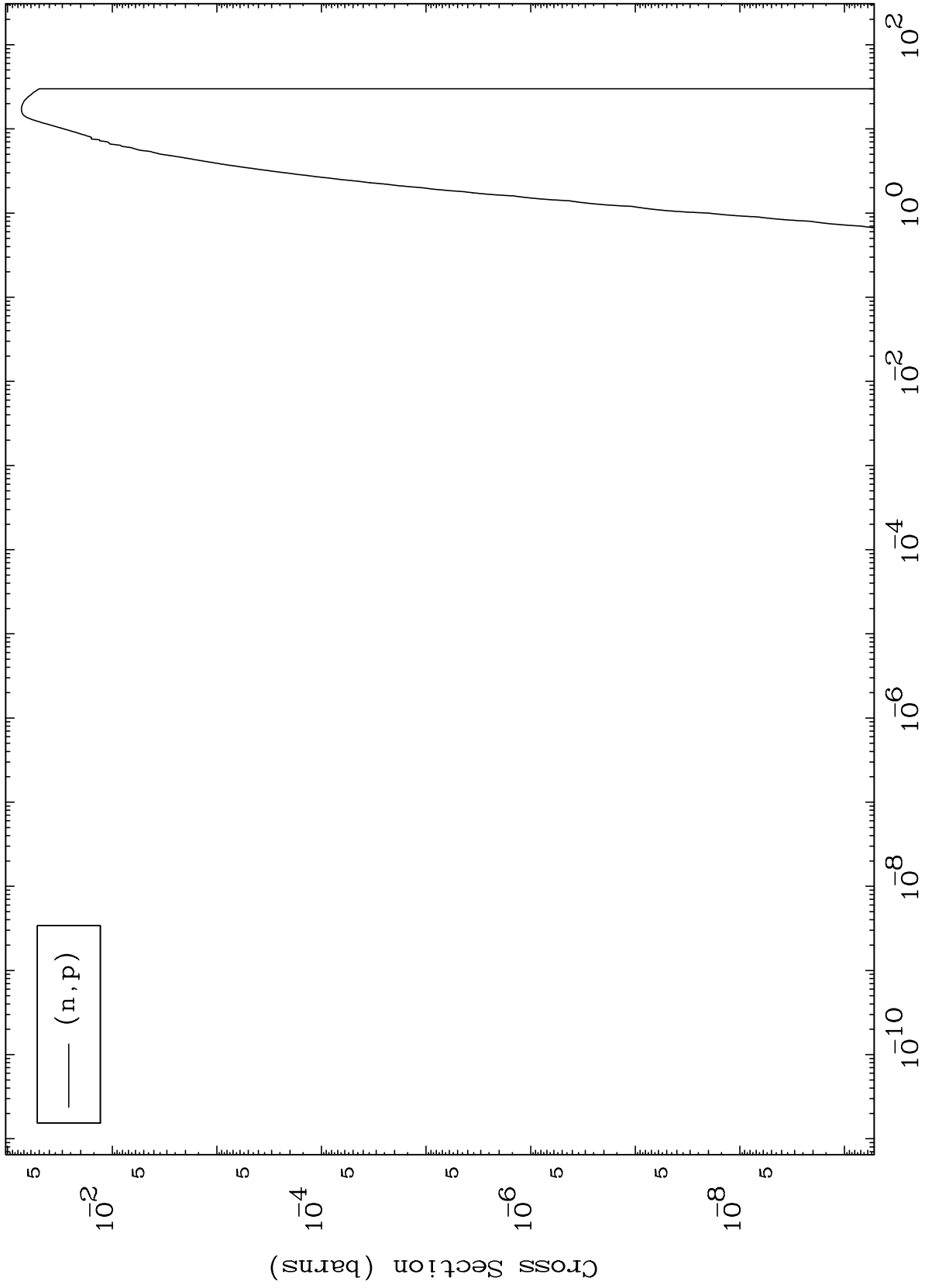


13

MAT 4434

(n,p) Levels
293 Kelvin Cross Sections

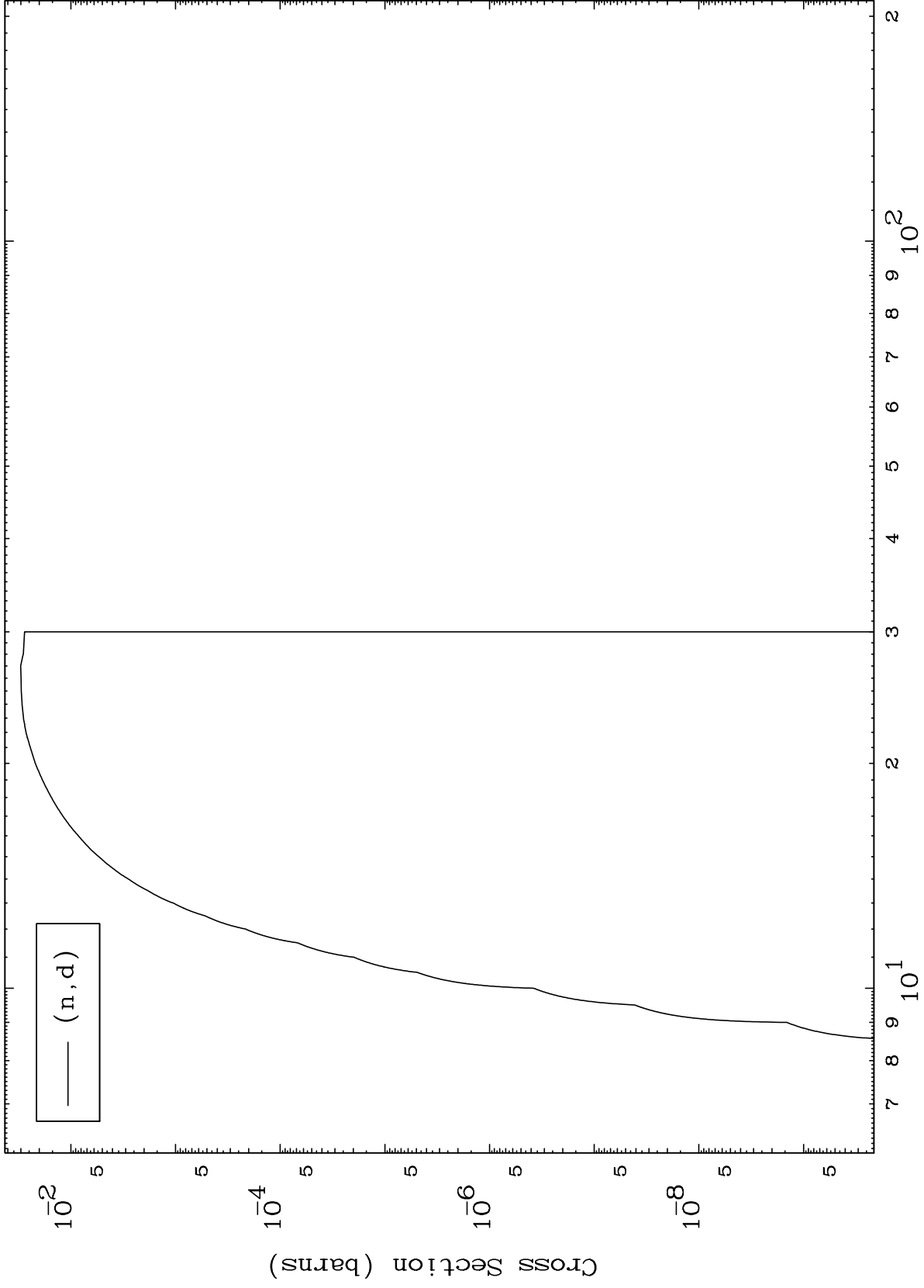
44-Ru-99



MAT 4434

(n,d) Levels
293 Kelvin Cross Sections

44-Ru-99



15

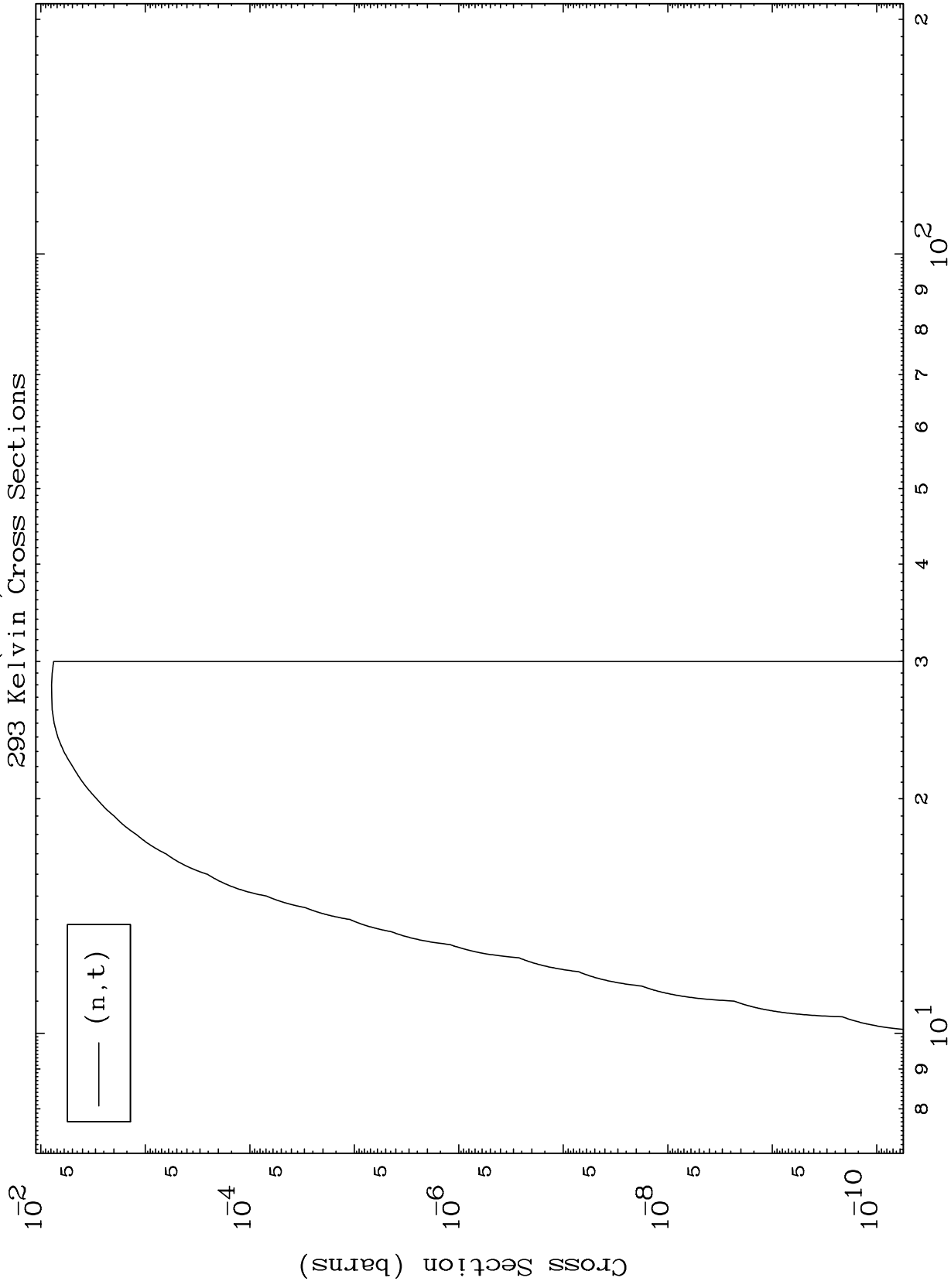
Incident Energy (MeV)

44-Ru-99

MAT 4434

(n,t) Levels
293 Kelvin Cross Sections

44-Ru-99



16

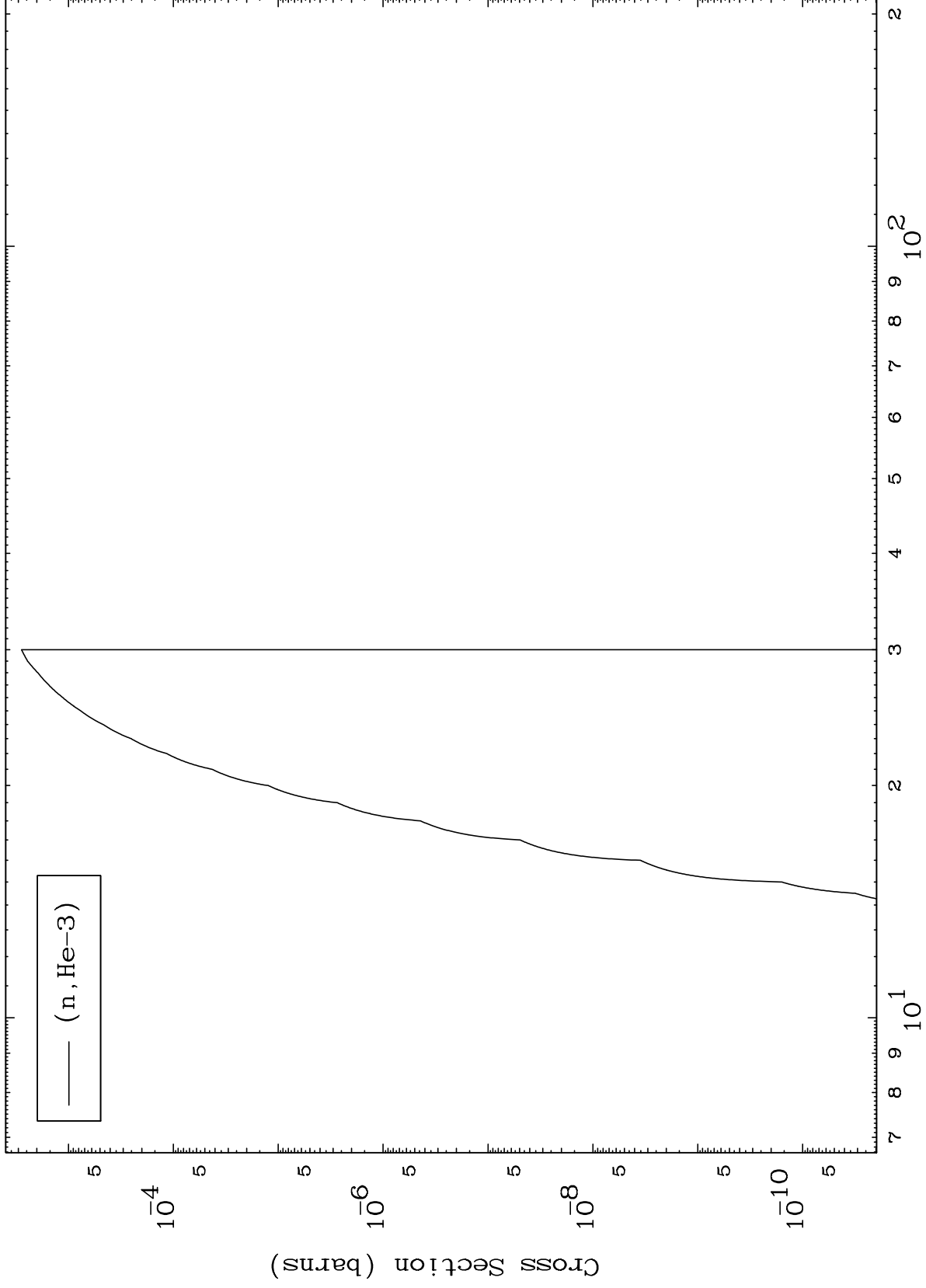
Incident Energy (MeV)

44-Ru-99

MAT 4434

(n,He3) Levels
293 Kelvin Cross Sections

44-Ru-99



17

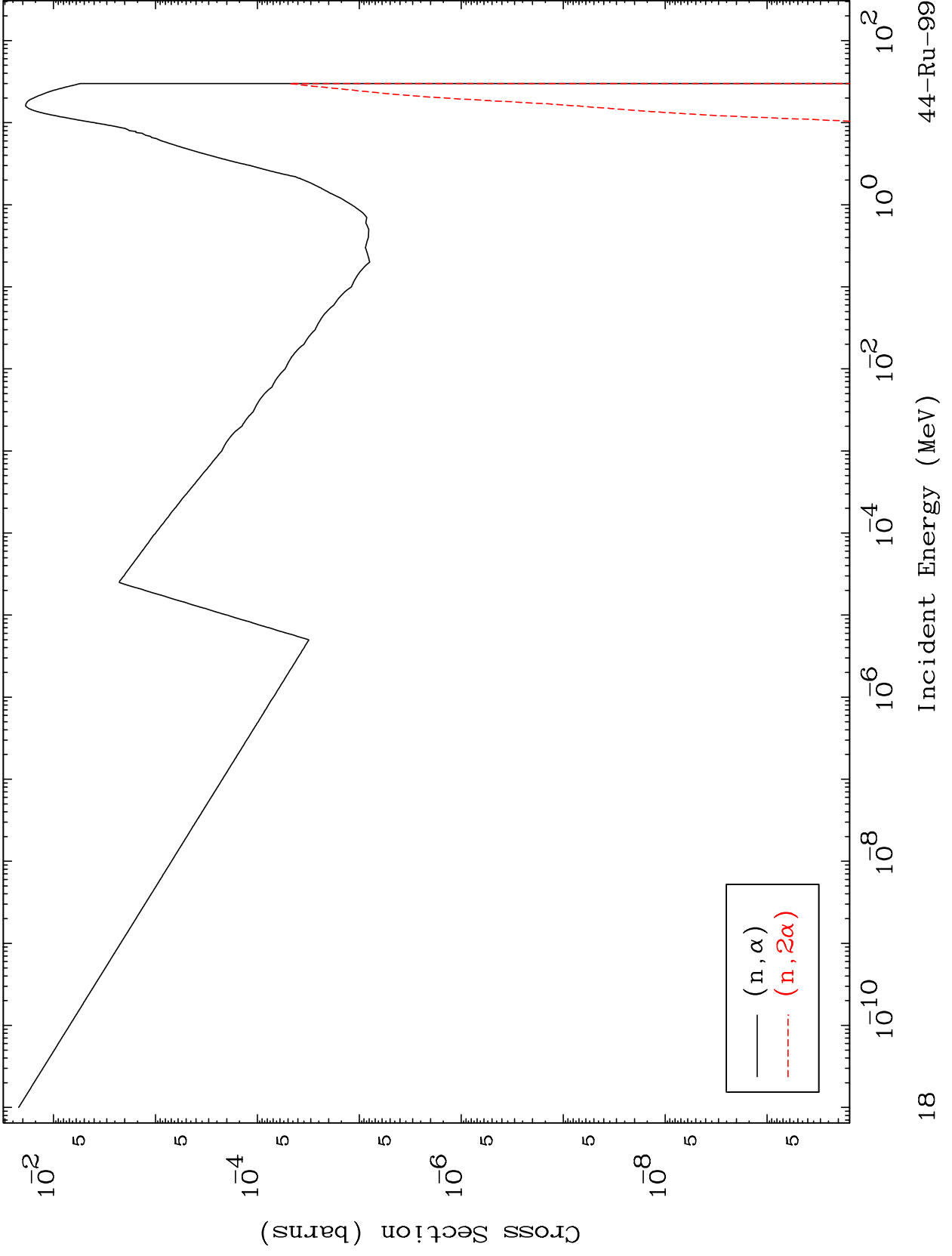
Incident Energy (MeV)

44-Ru-99

MAT 4434

(n,α) Levels
293 Kelvin Cross Sections

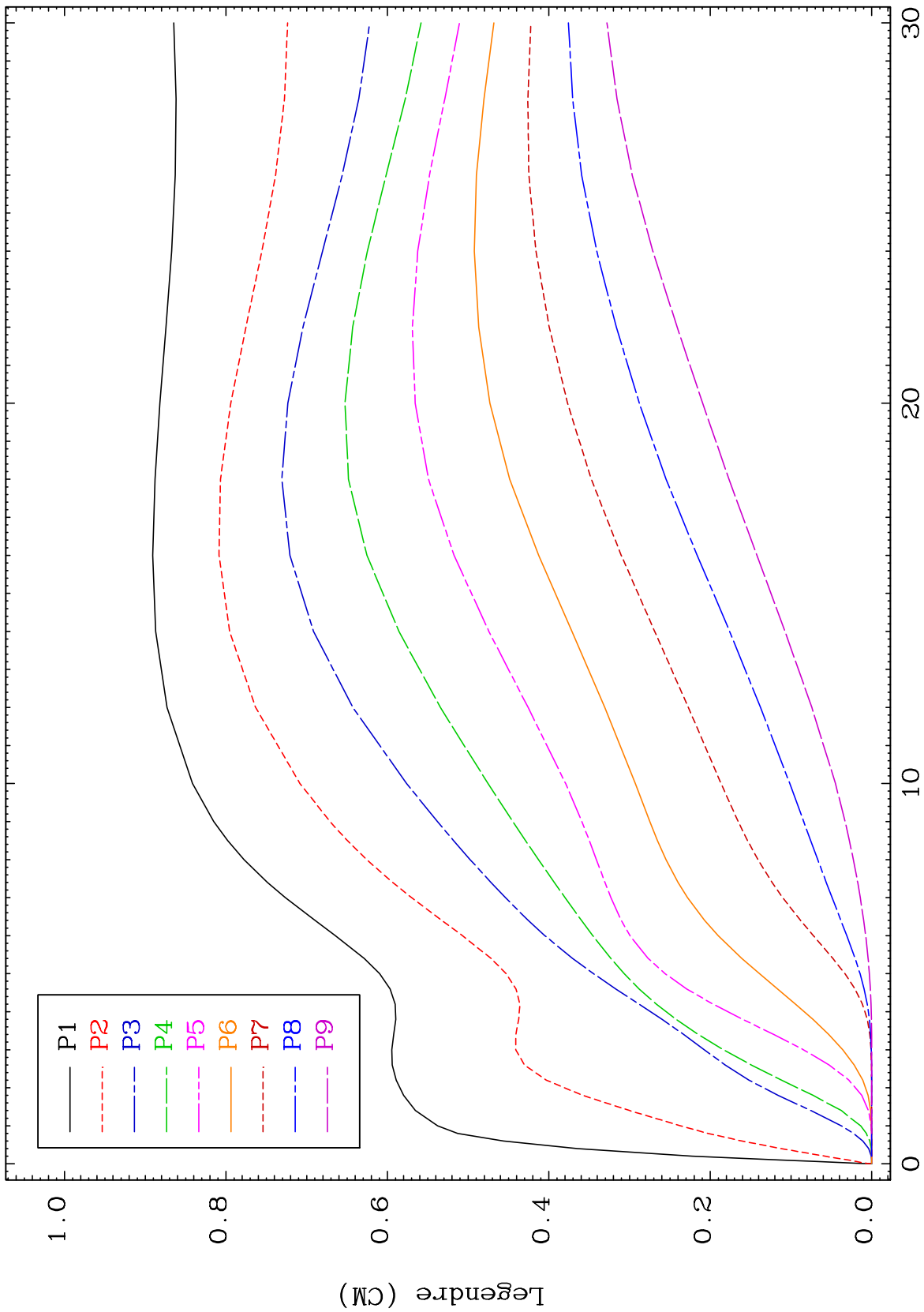
44-Ru-99



MAT 4434

Elastic Legendre Coefficients

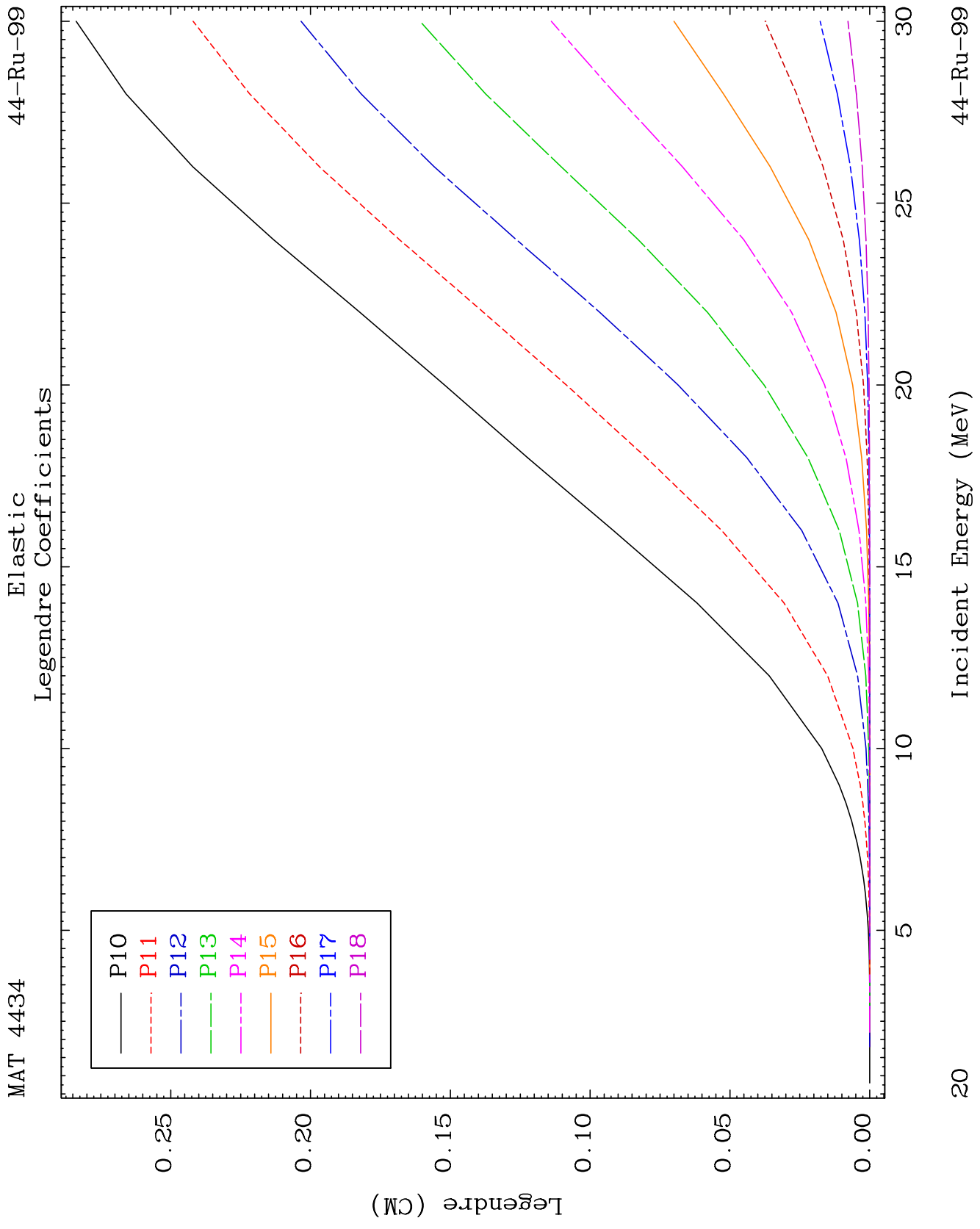
44-Ru-99



19

Incident Energy (MeV)

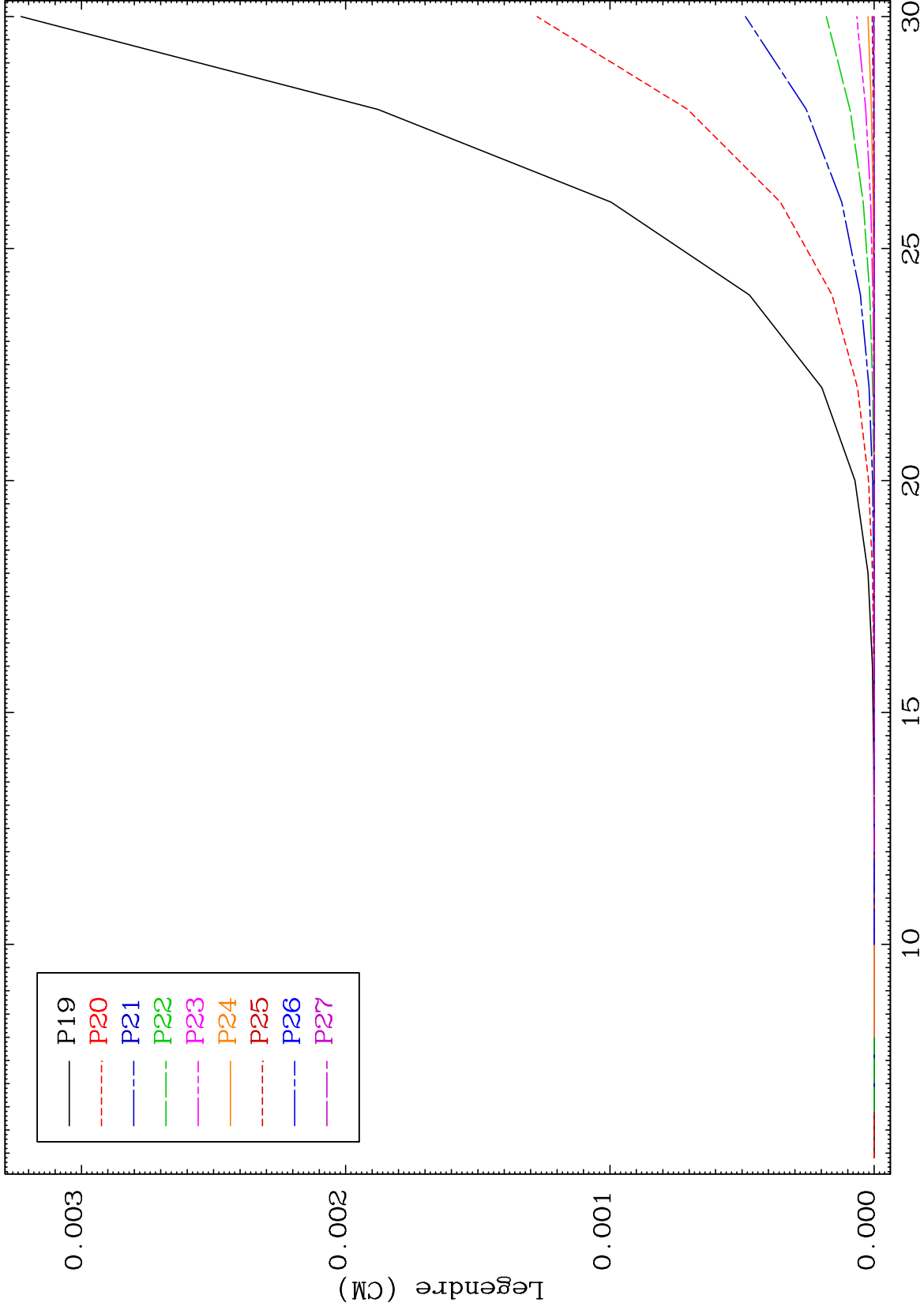
44-Ru-99



MAT 4434

Elastic Legendre Coefficients

44-Ru-99



21

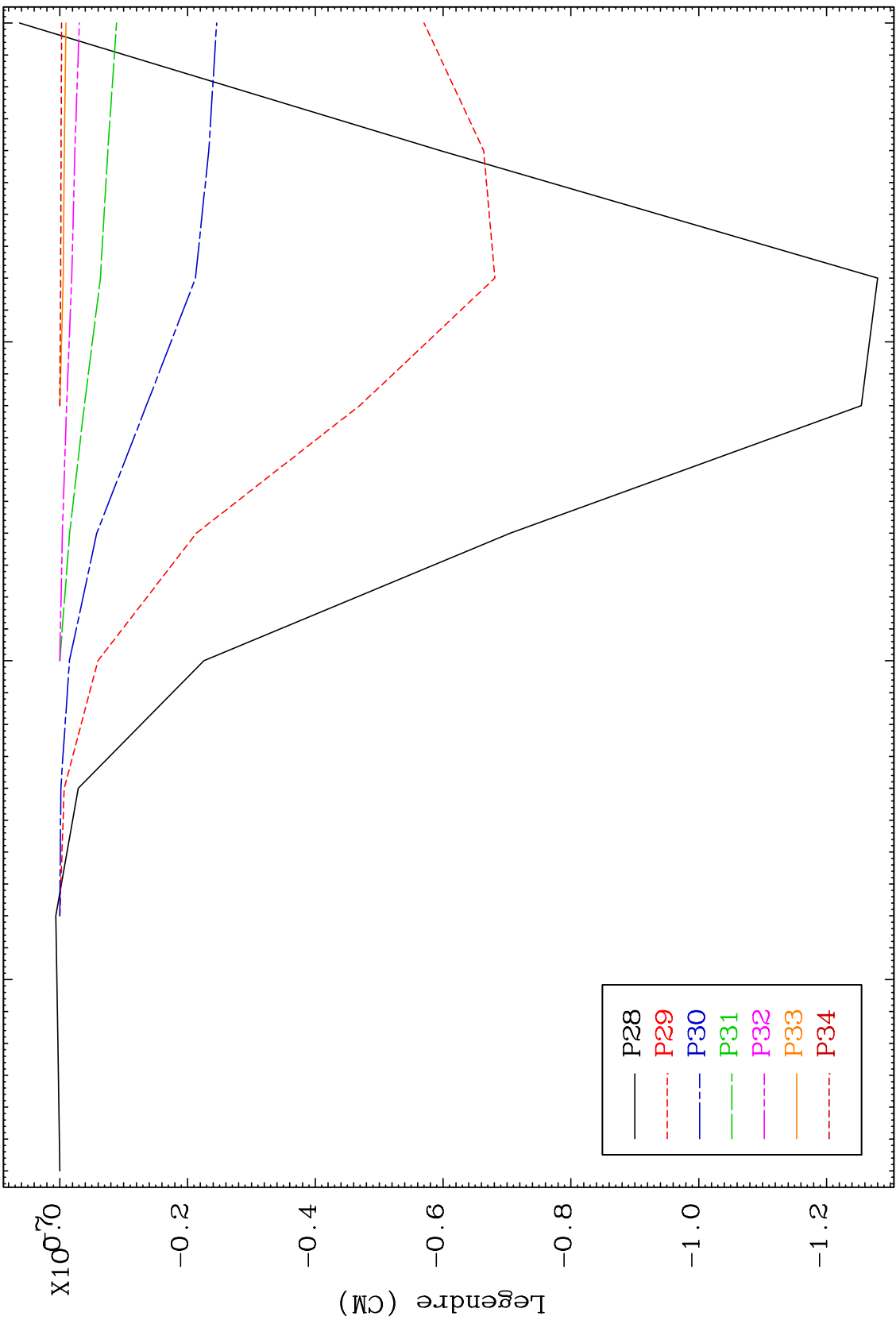
Incident Energy (MeV)

44-Ru-99

MAT 4434

44-Ru-99

Elastic Legendre Coefficients



15

20

25

30

22

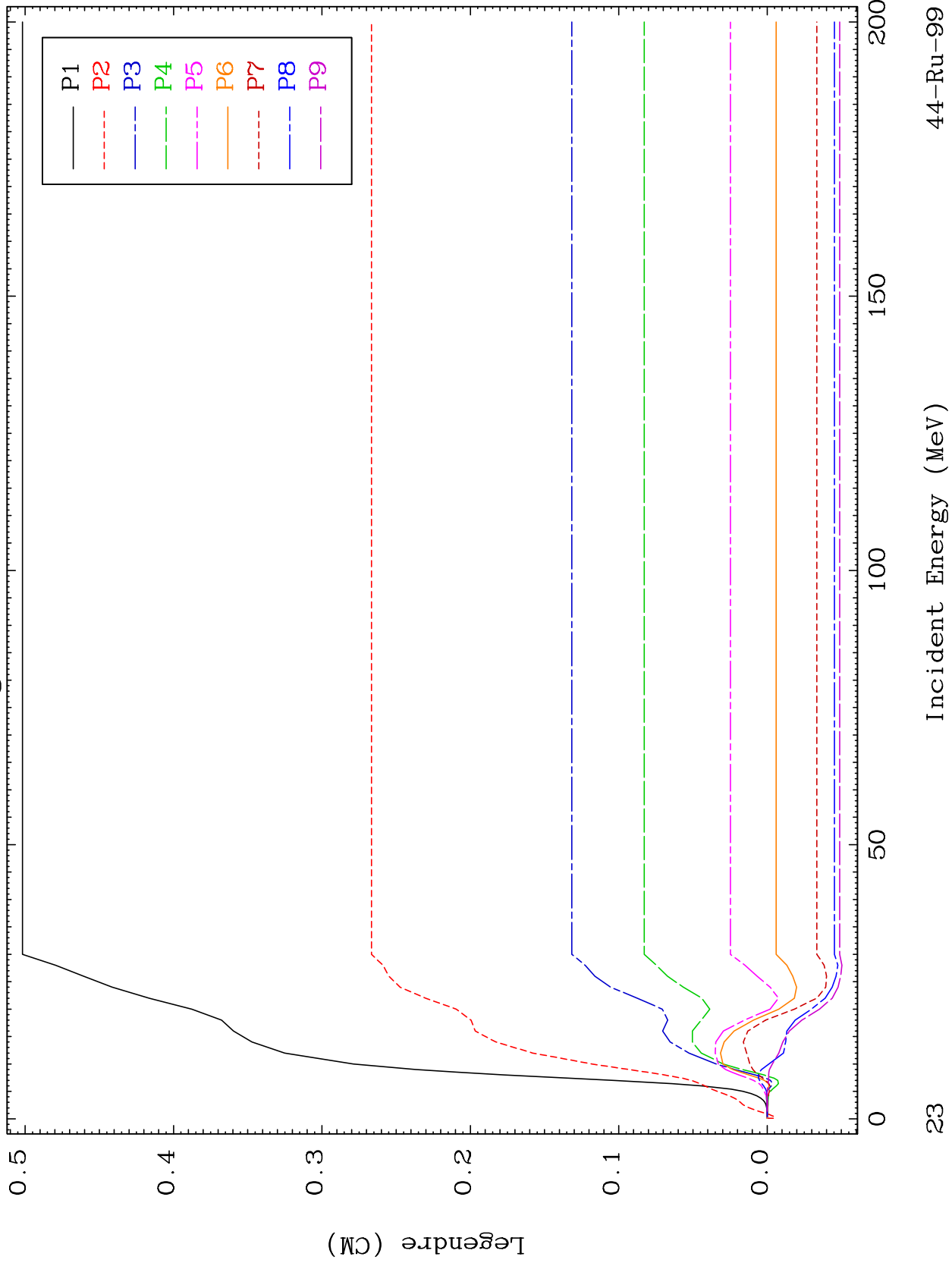
Incident Energy (MeV)

44-Ru-99

MAT 4434

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

44-Ru-99

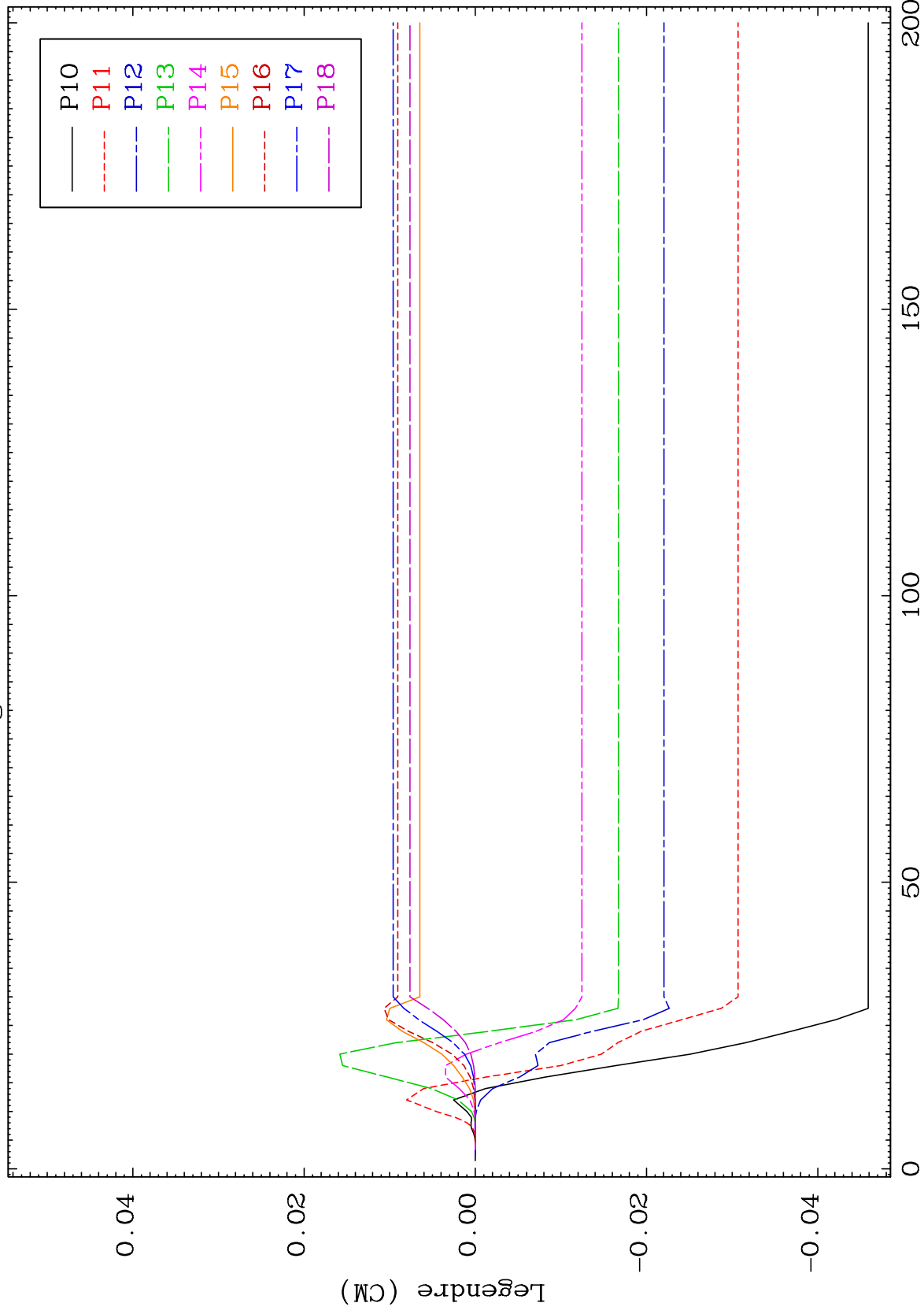


23

MAT 4434

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

44-Ru-99



24

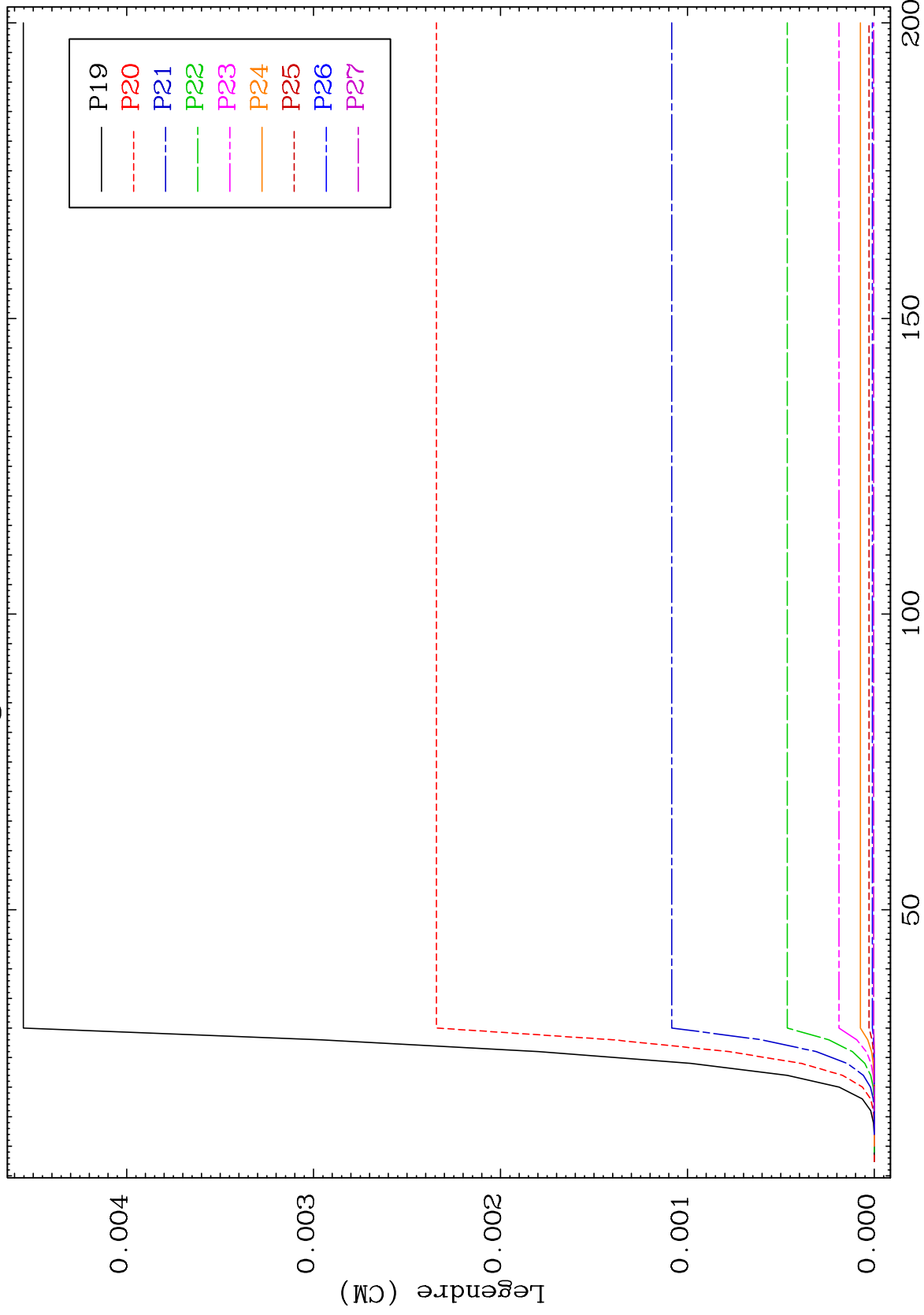
Incident Energy (MeV)

44-Ru-99

MAT 4434

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

44-Ru-99



25

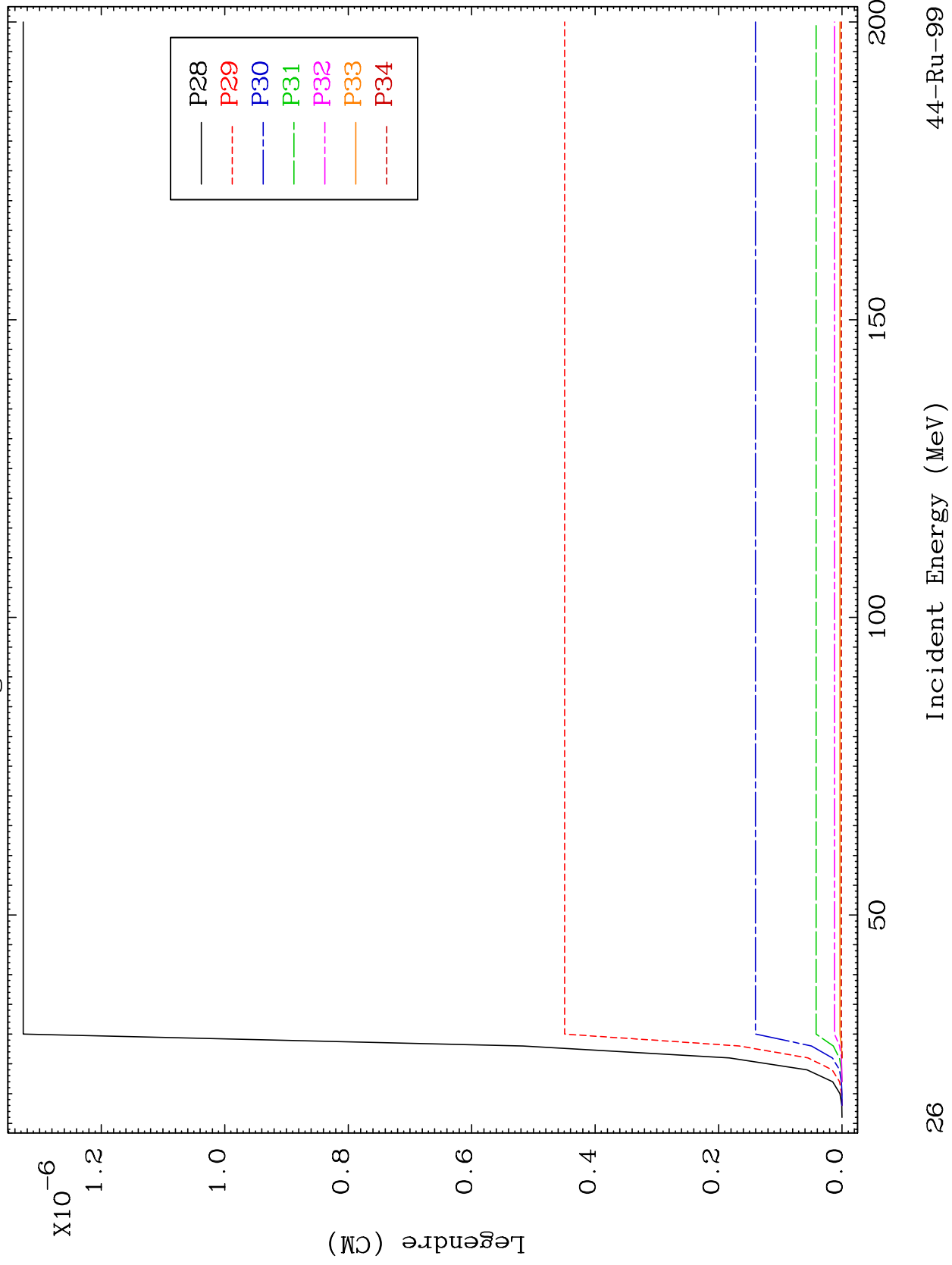
Incident Energy (MeV)

44-Ru-99

MAT 4434

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

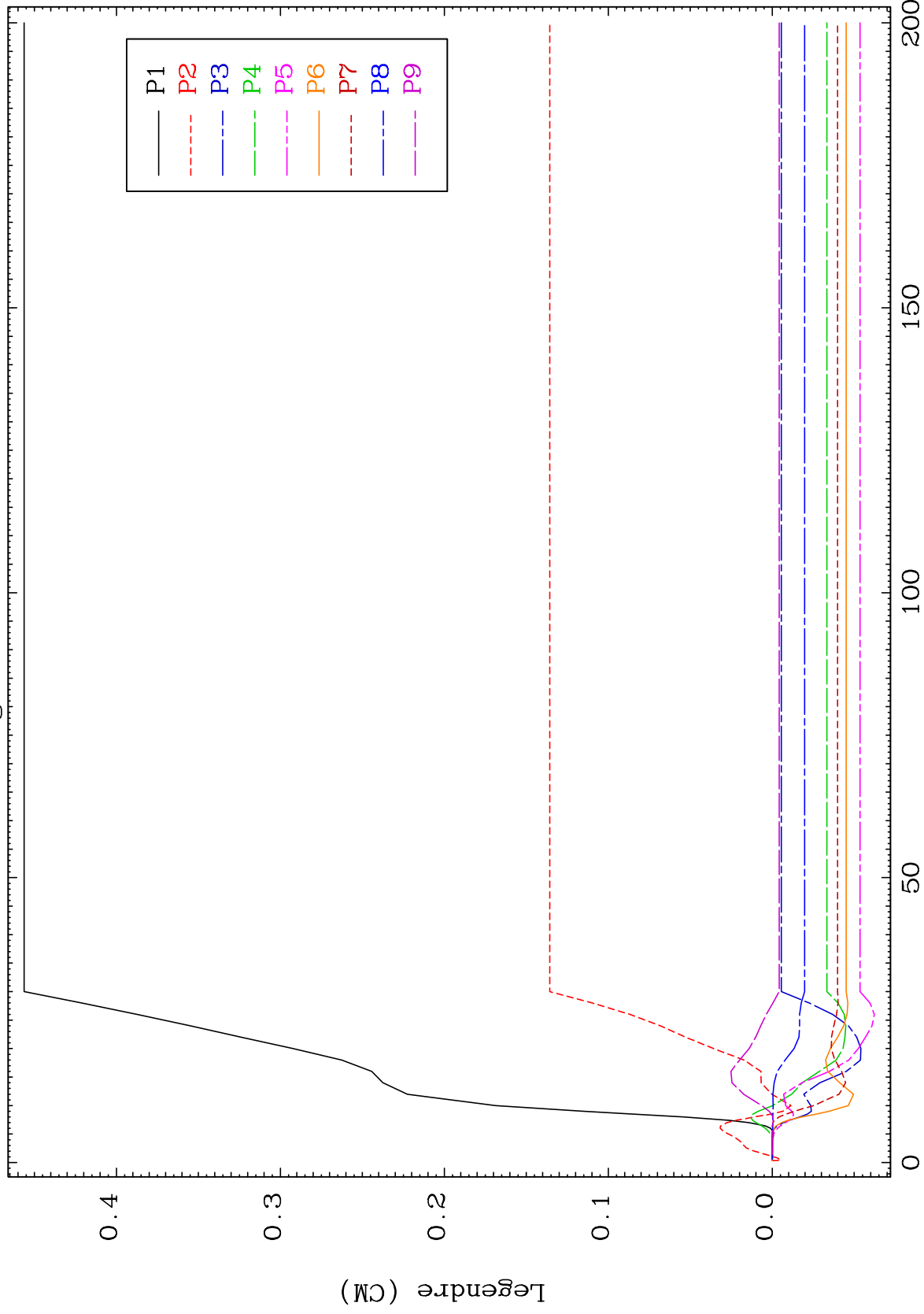
44-Ru-99



MAT 4434

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

44-Ru-99



27

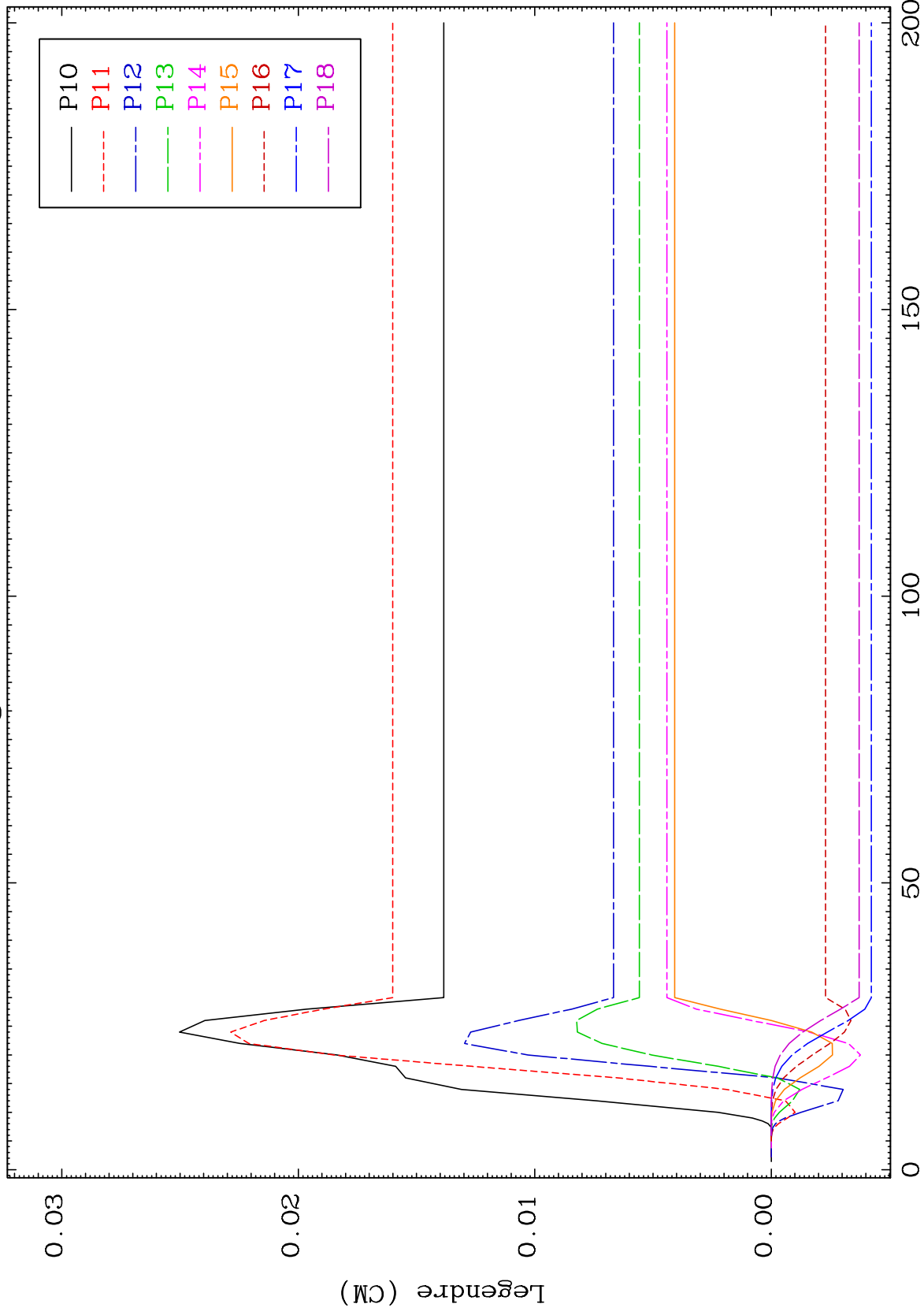
Incident Energy (MeV)

44-Ru-99

MAT 4434

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

44-Ru-99



28

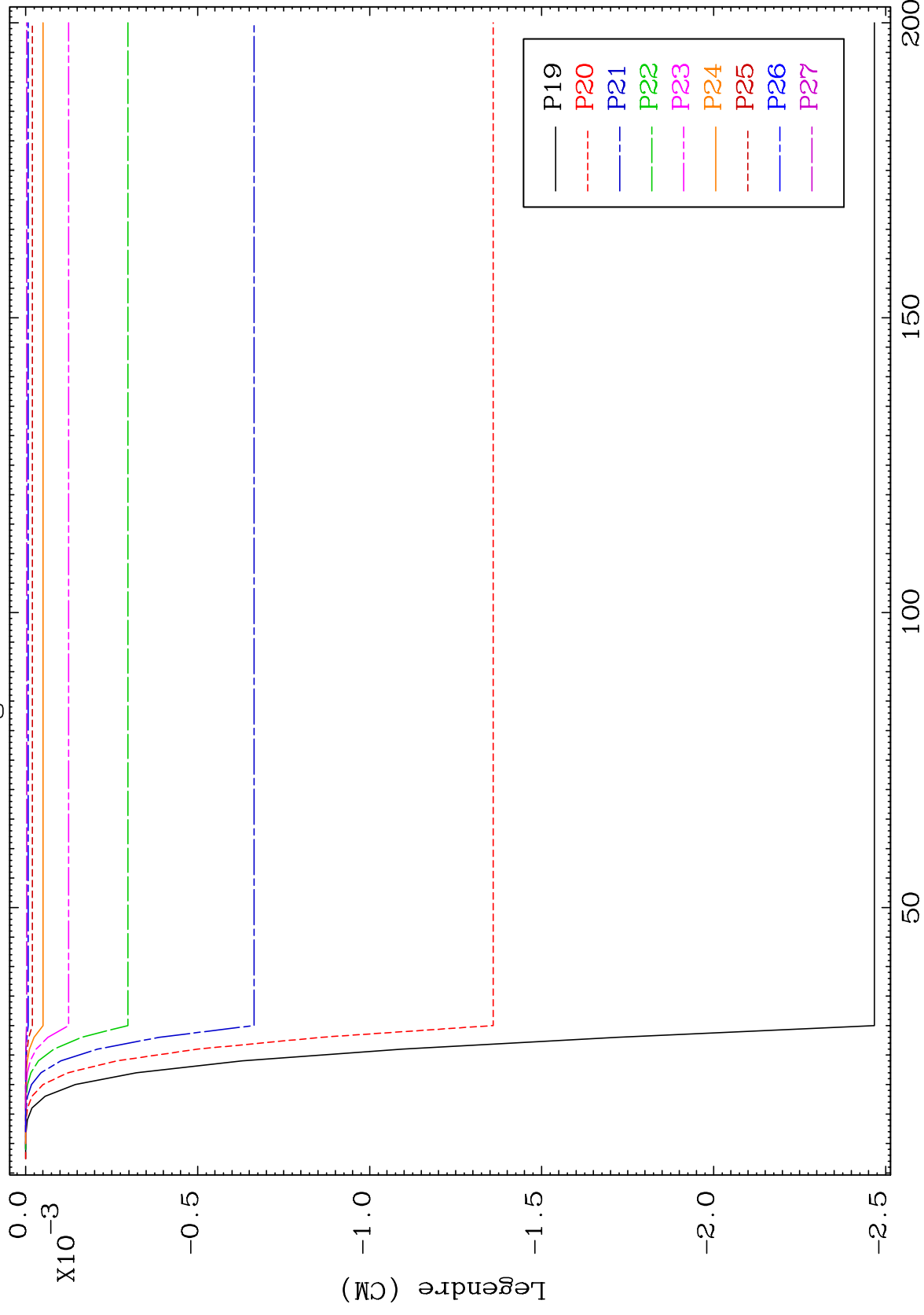
Incident Energy (MeV)

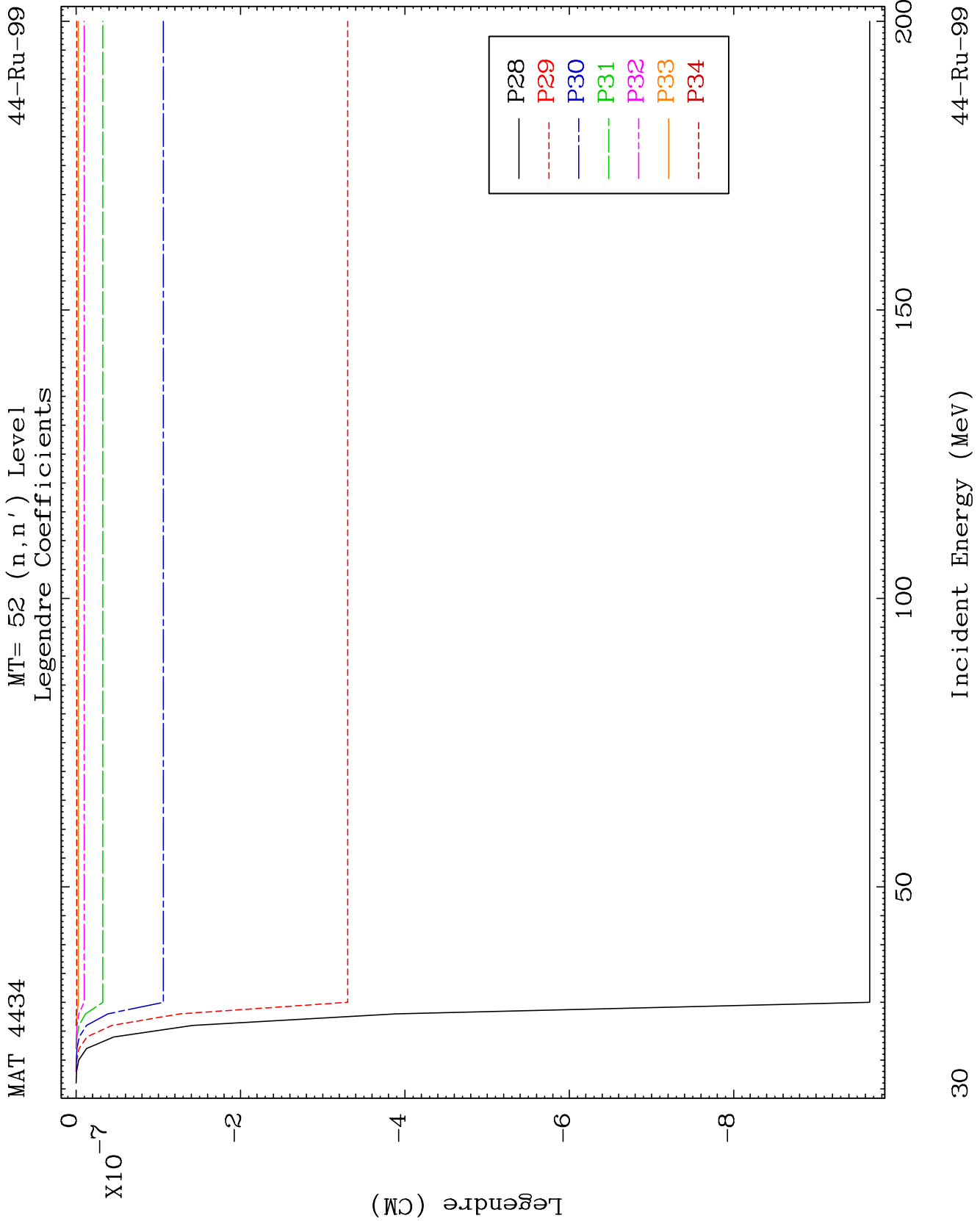
44-Ru-99

MAT 4434

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

44-Ru-99

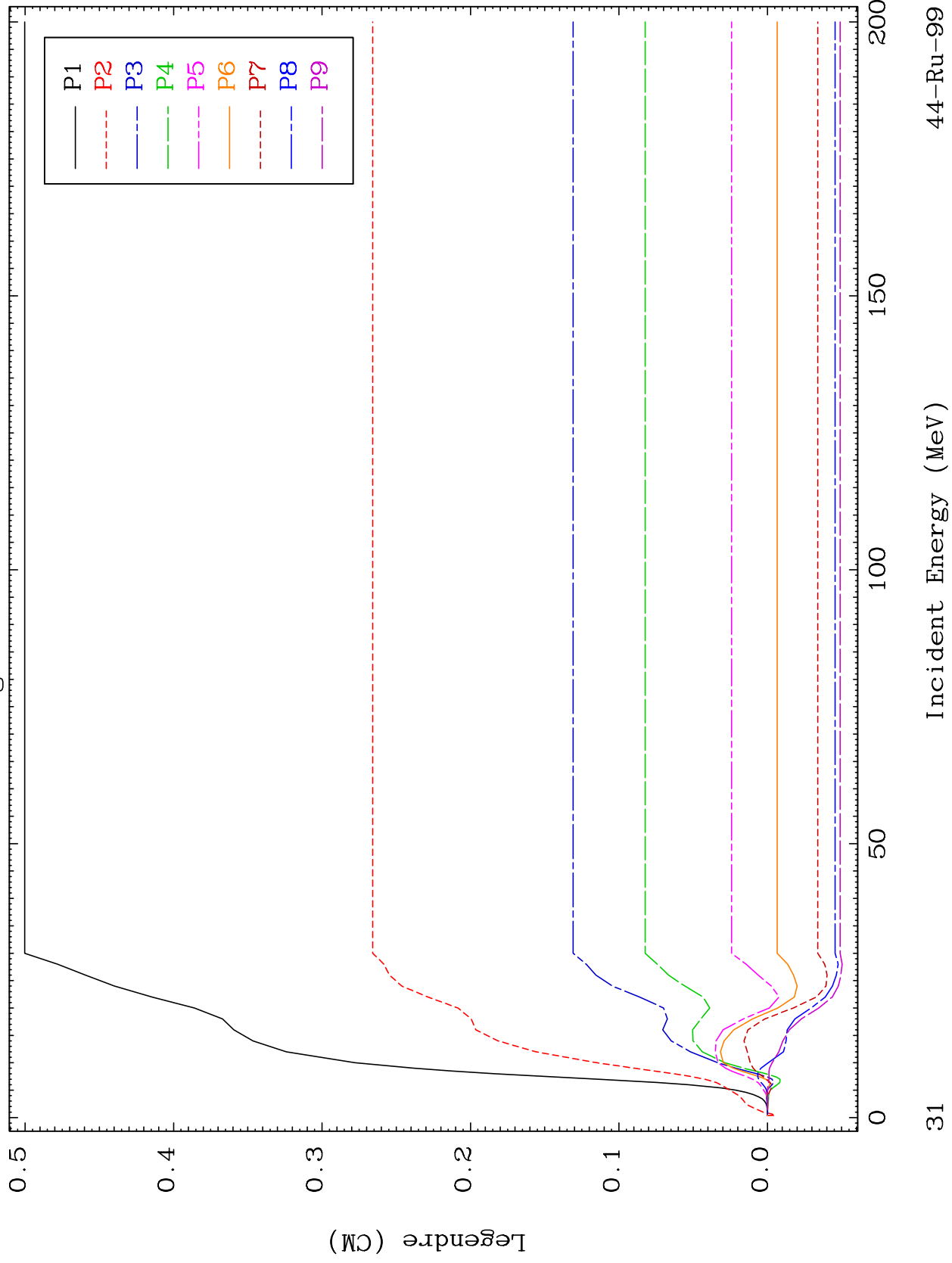




MAT 4434

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

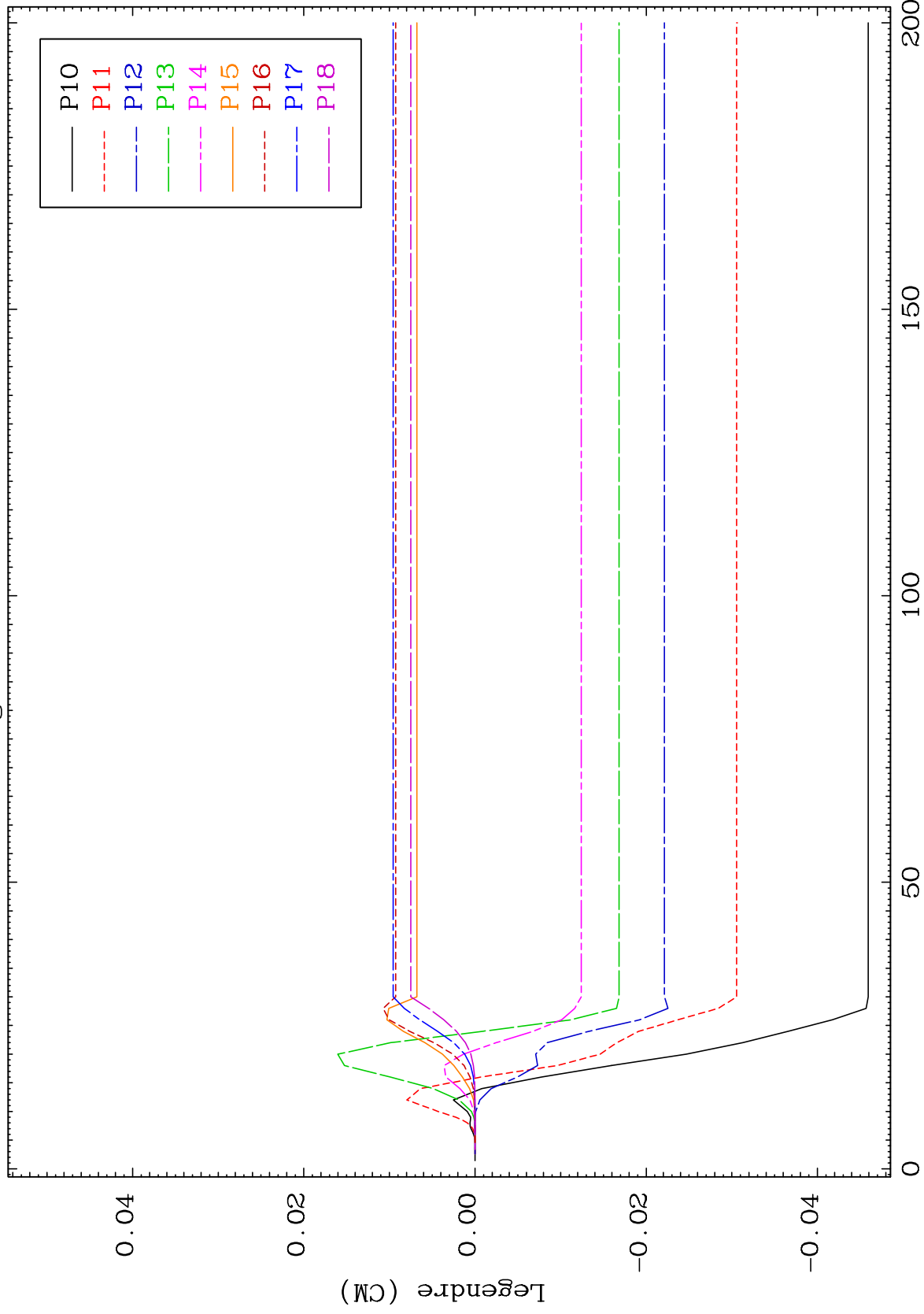
44-Ru-99



MAT 4434

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

44-Ru-99



32

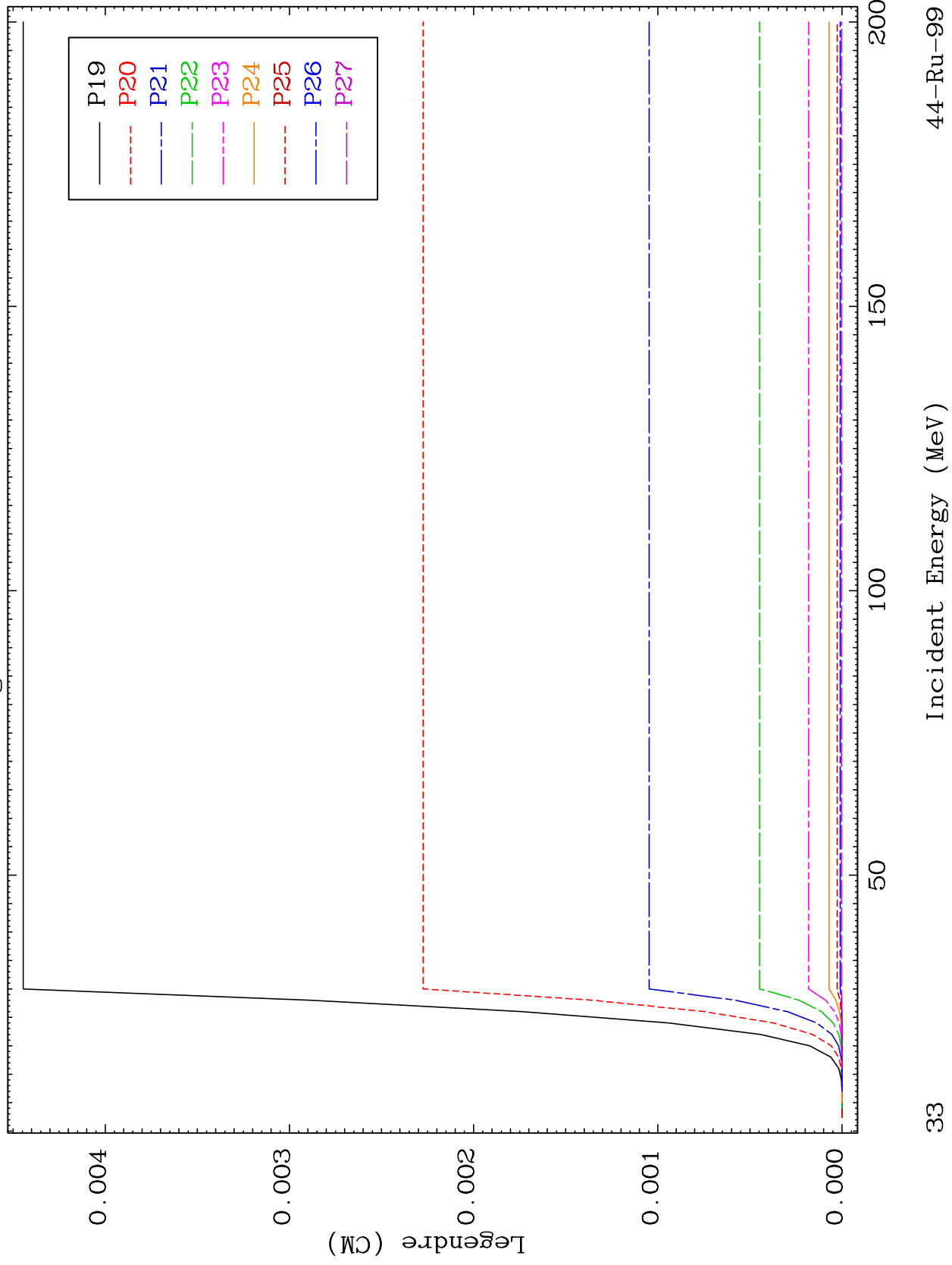
Incident Energy (MeV)

44-Ru-99

MAT 4434

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

44-Ru-99



33

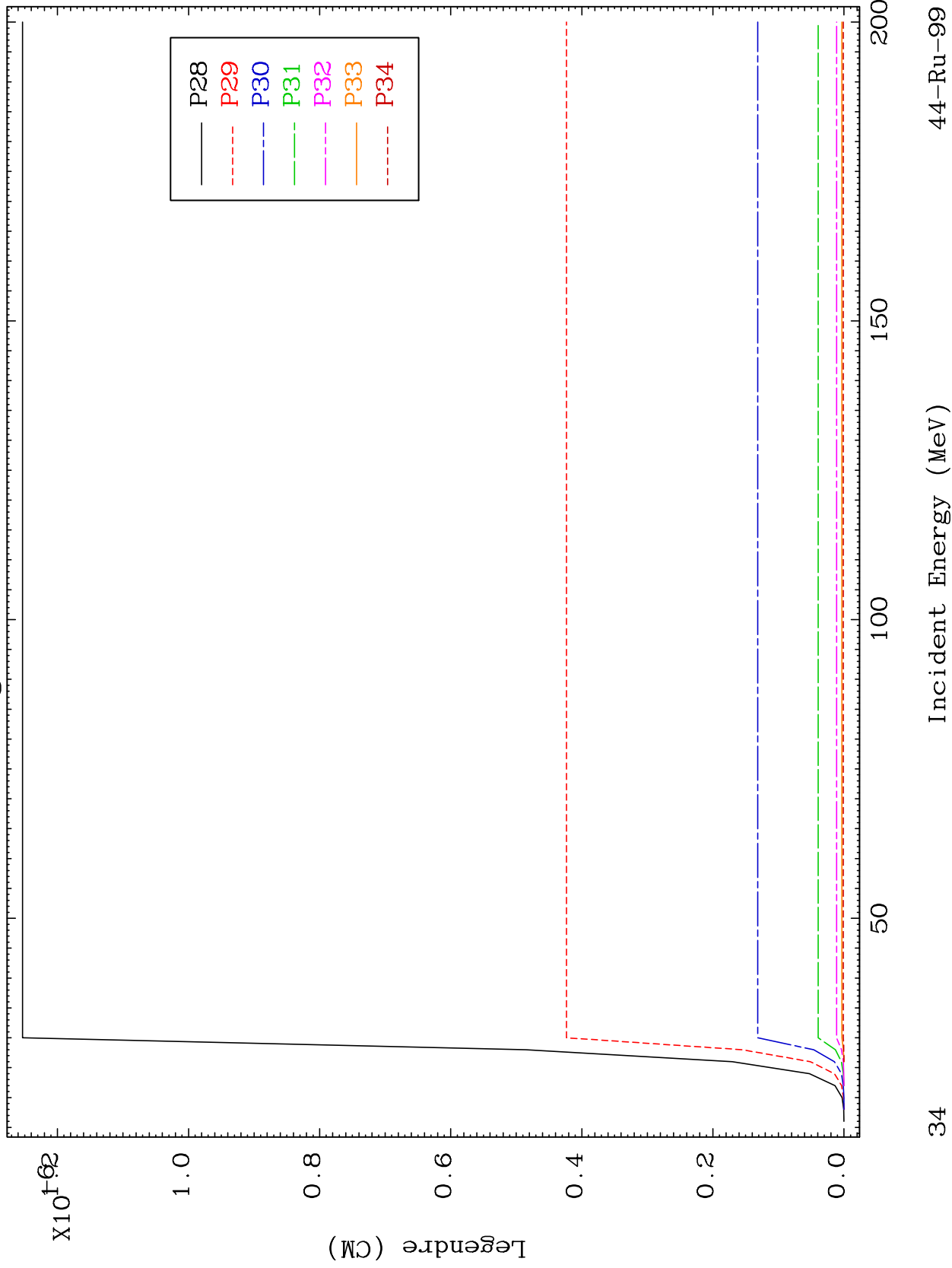
Incident Energy (MeV)

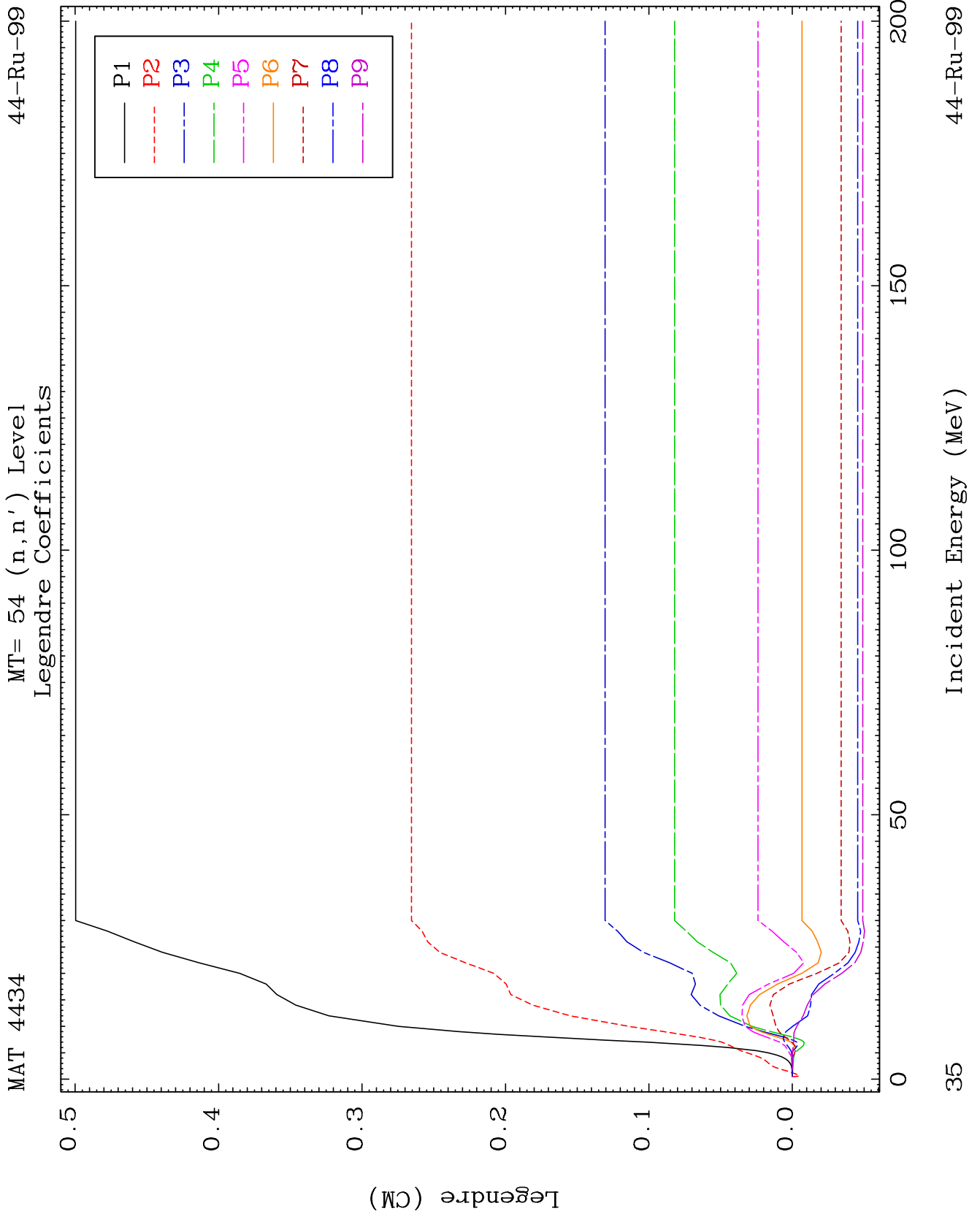
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MAT 4434

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

44-Ru-99

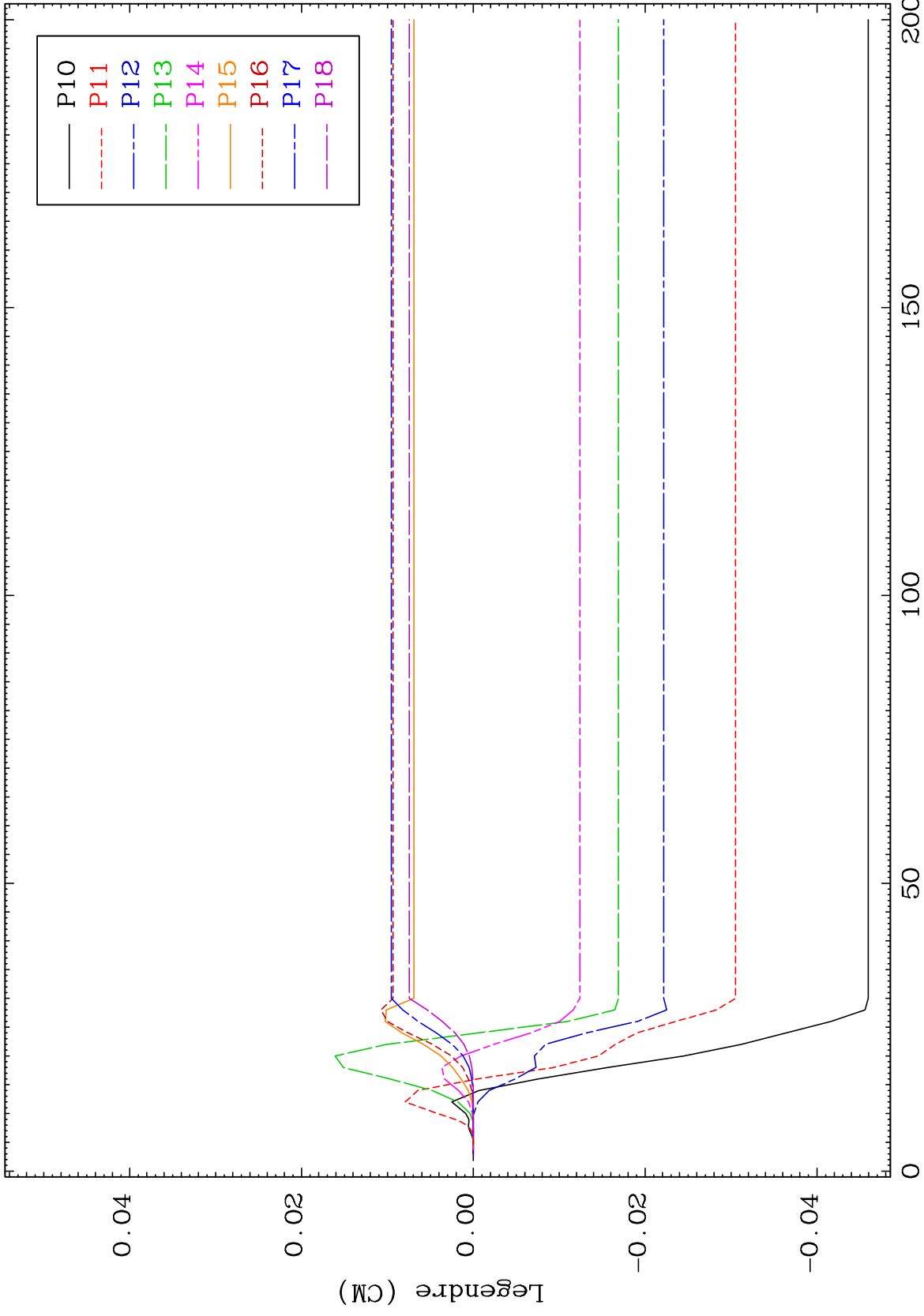




MAT 4434

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

44-Ru-99



36

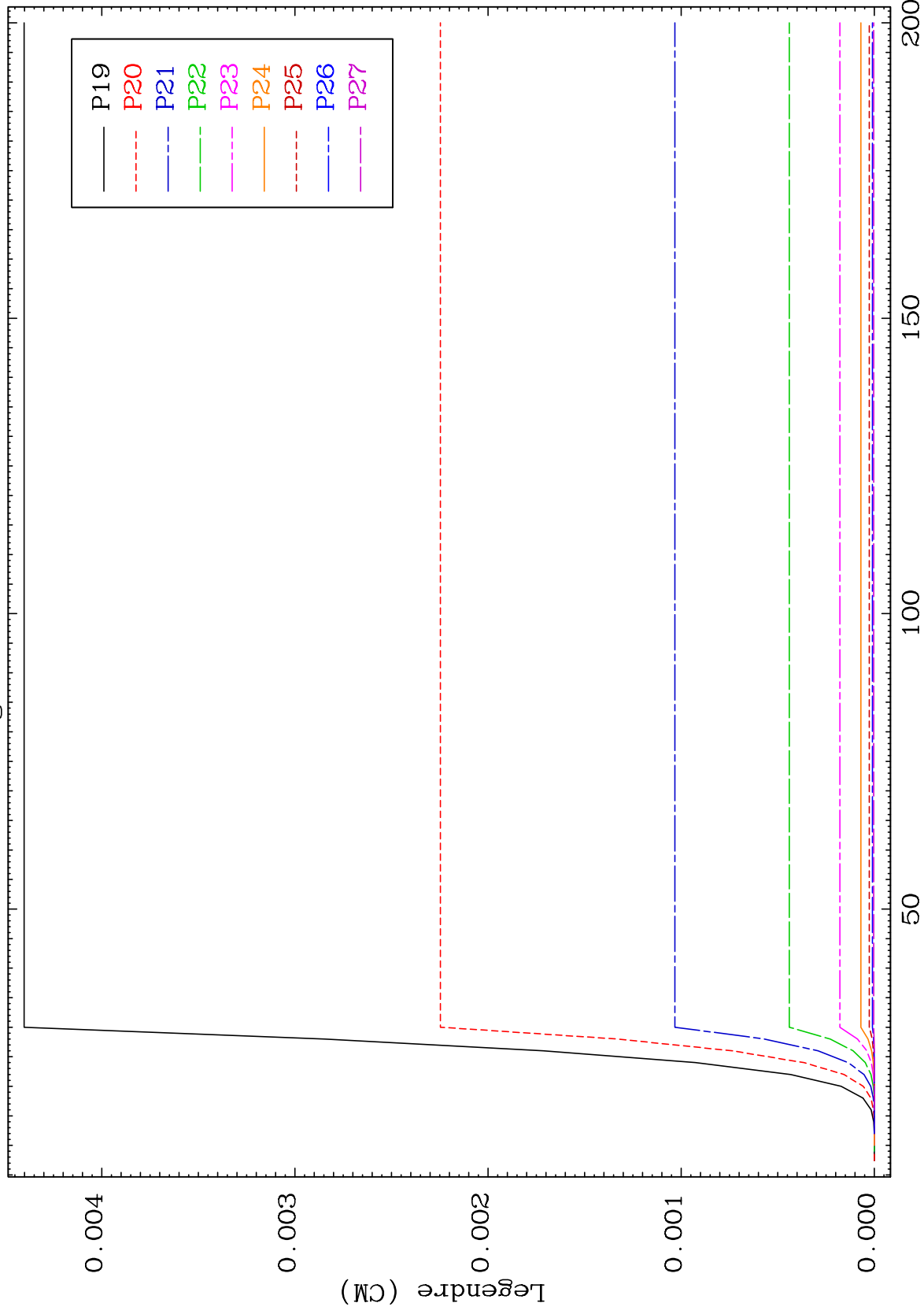
Incident Energy (MeV)

44-Ru-99

MAT 4434

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

44-Ru-99



37

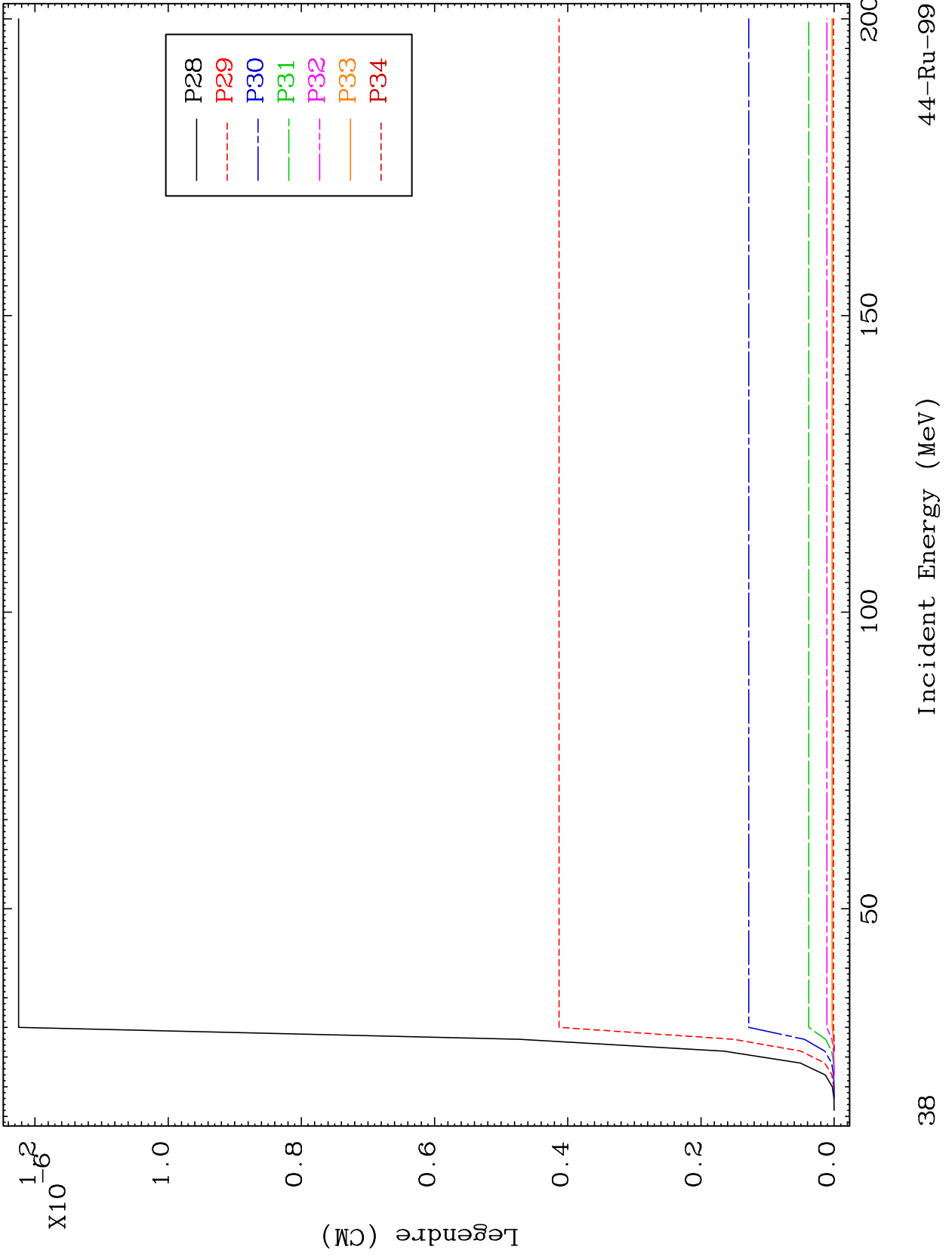
Incident Energy (MeV)

44-Ru-99

MAT 4434

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

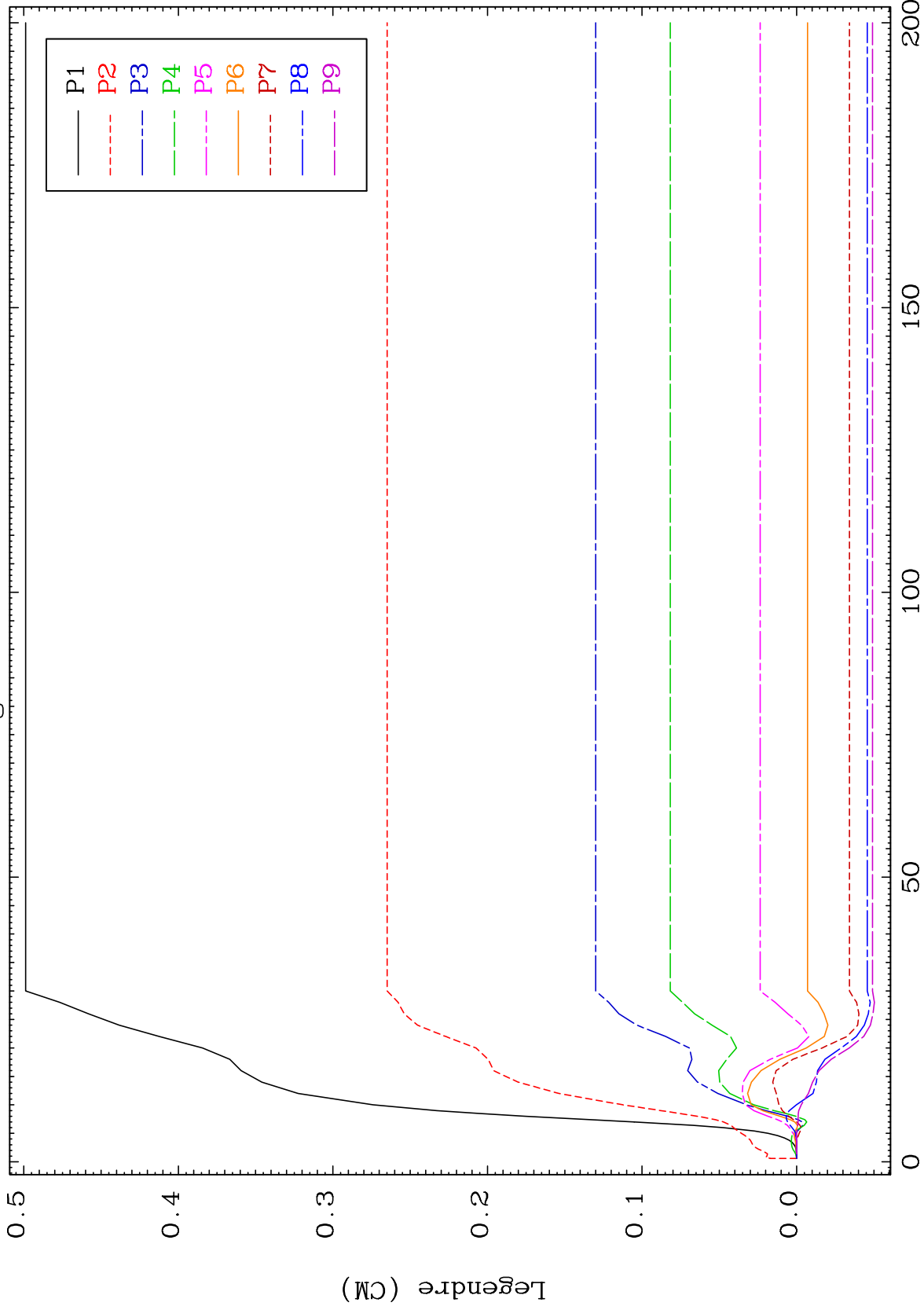
44-Ru-99



MAT 4434

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

44-Ru-99



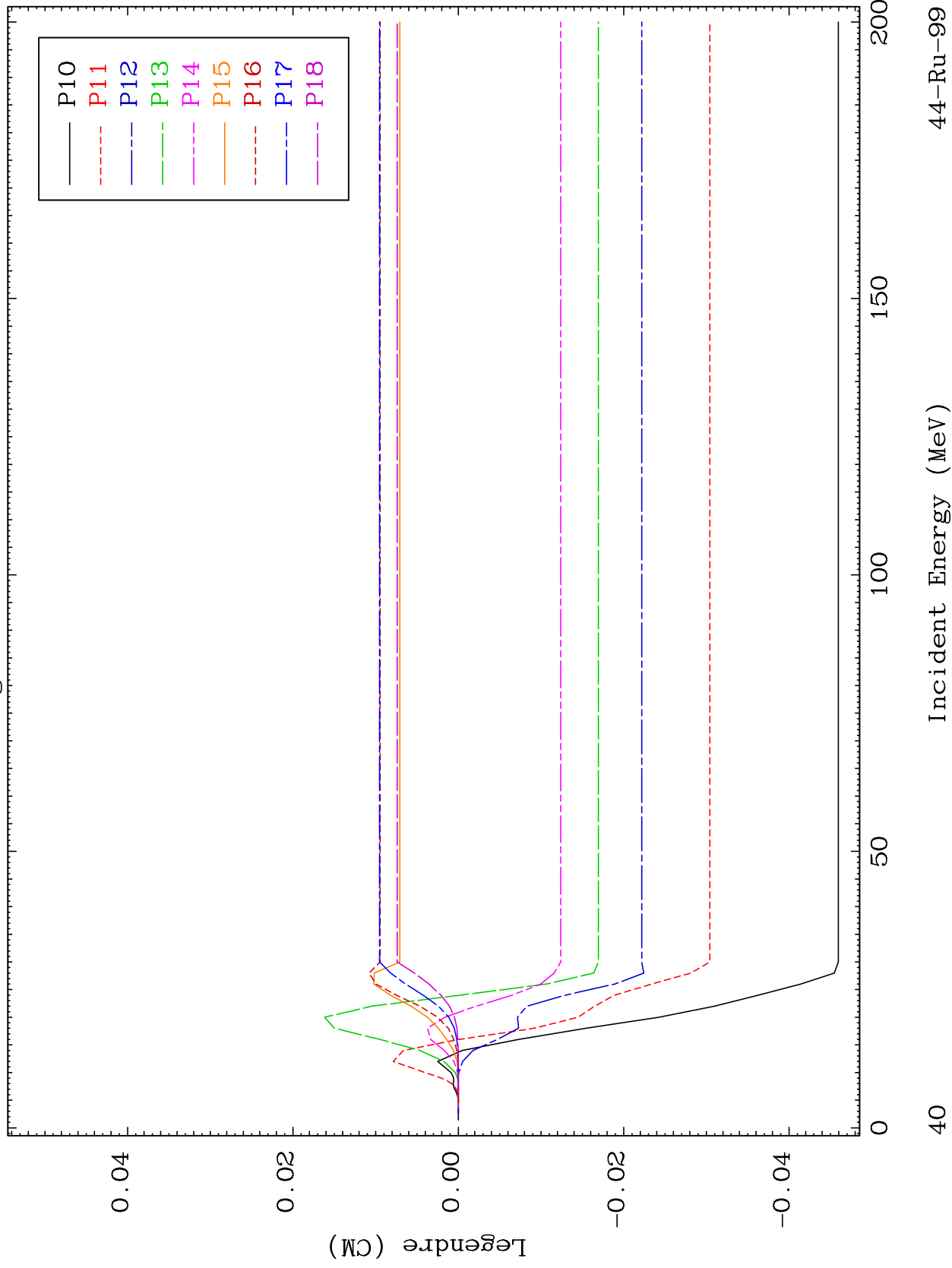
39

44-Ru-99

MAT 4434

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

44-Ru-99

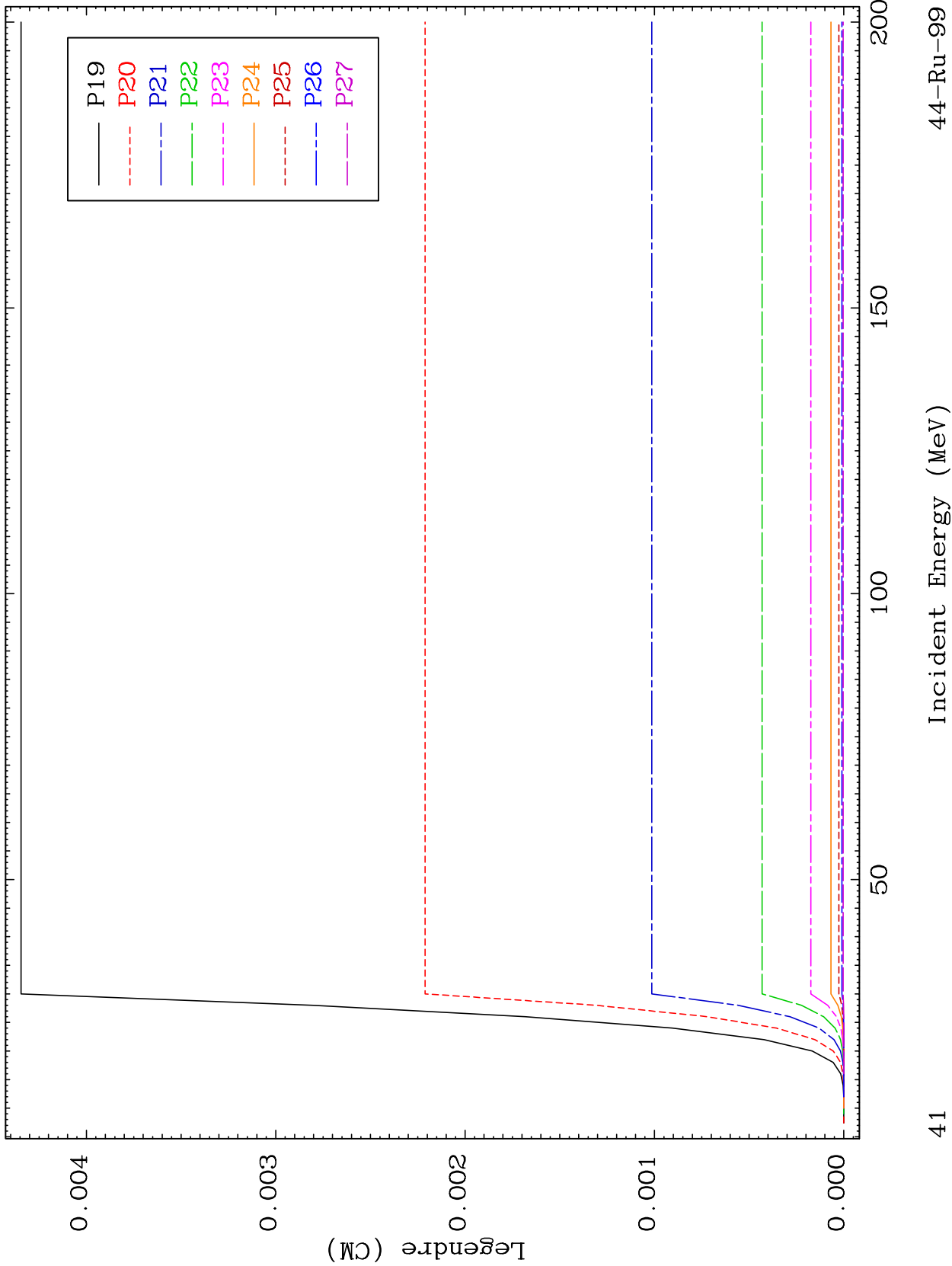


44-Ru-99

MAT 4434

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

44-Ru-99



41

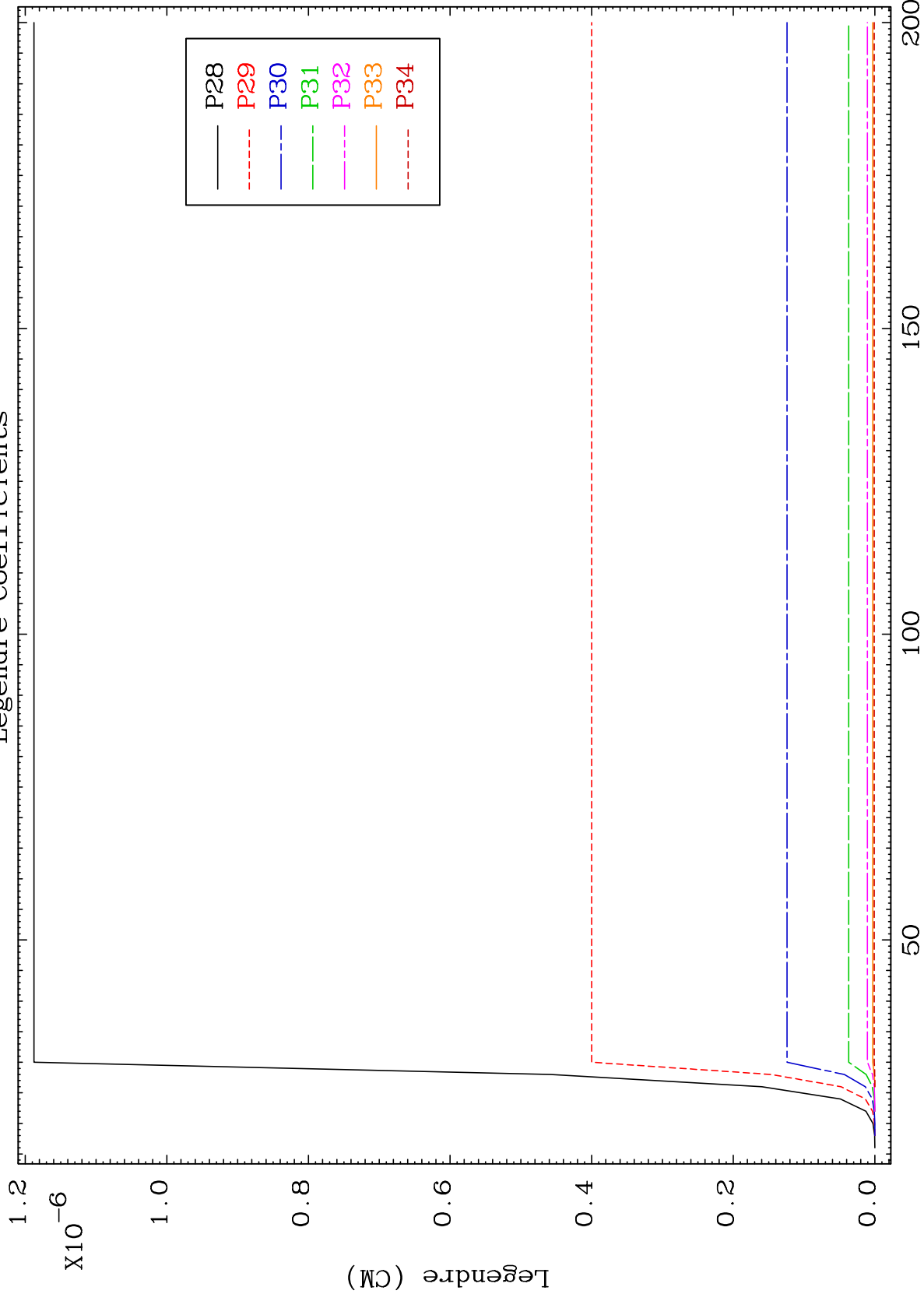
Incident Energy (MeV)

44-Ru-99

MAT 4434

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

44-Ru-99



42

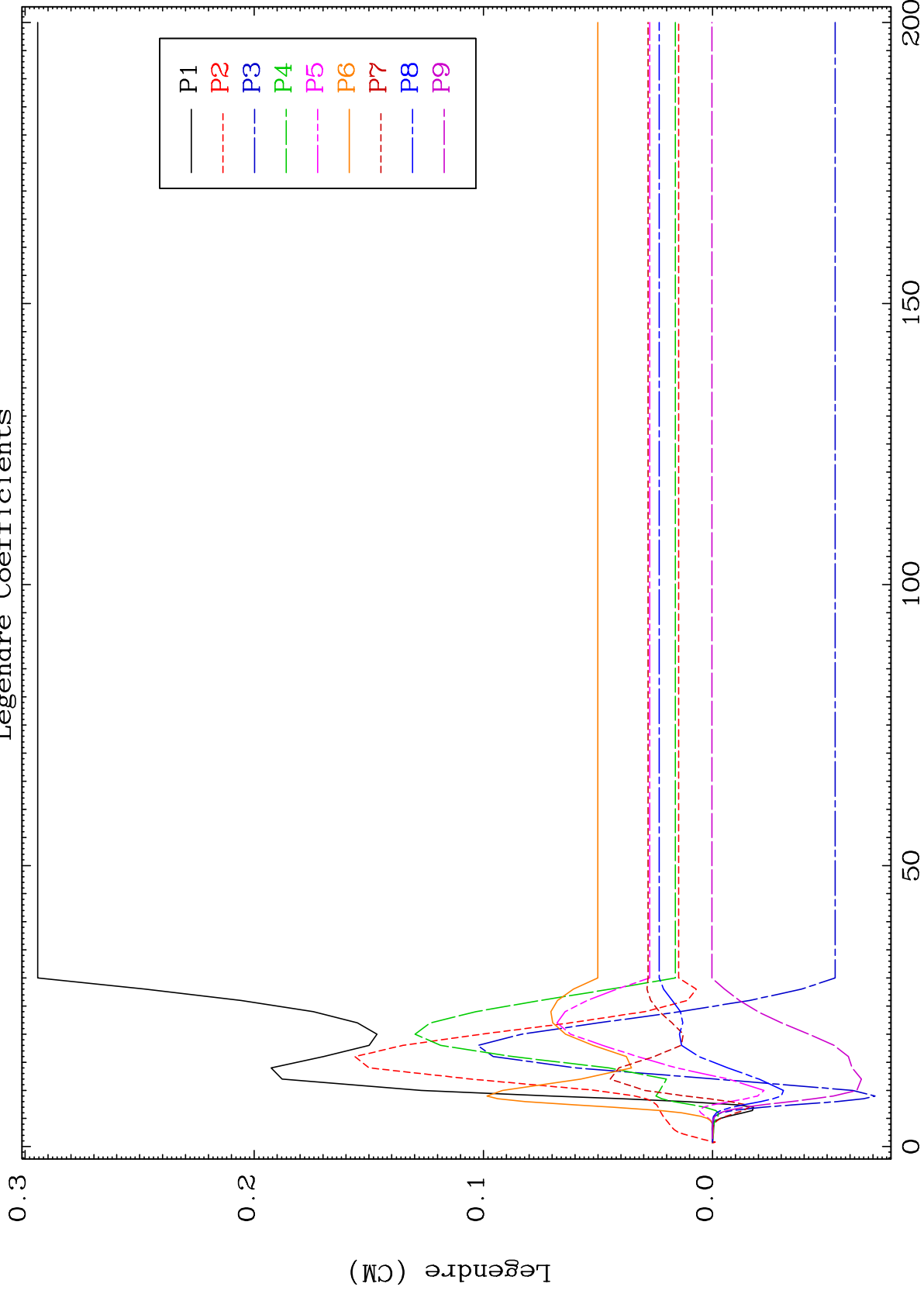
Incident Energy (MeV)

44-Ru-99

MAT 4434

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

44-Ru-99



43

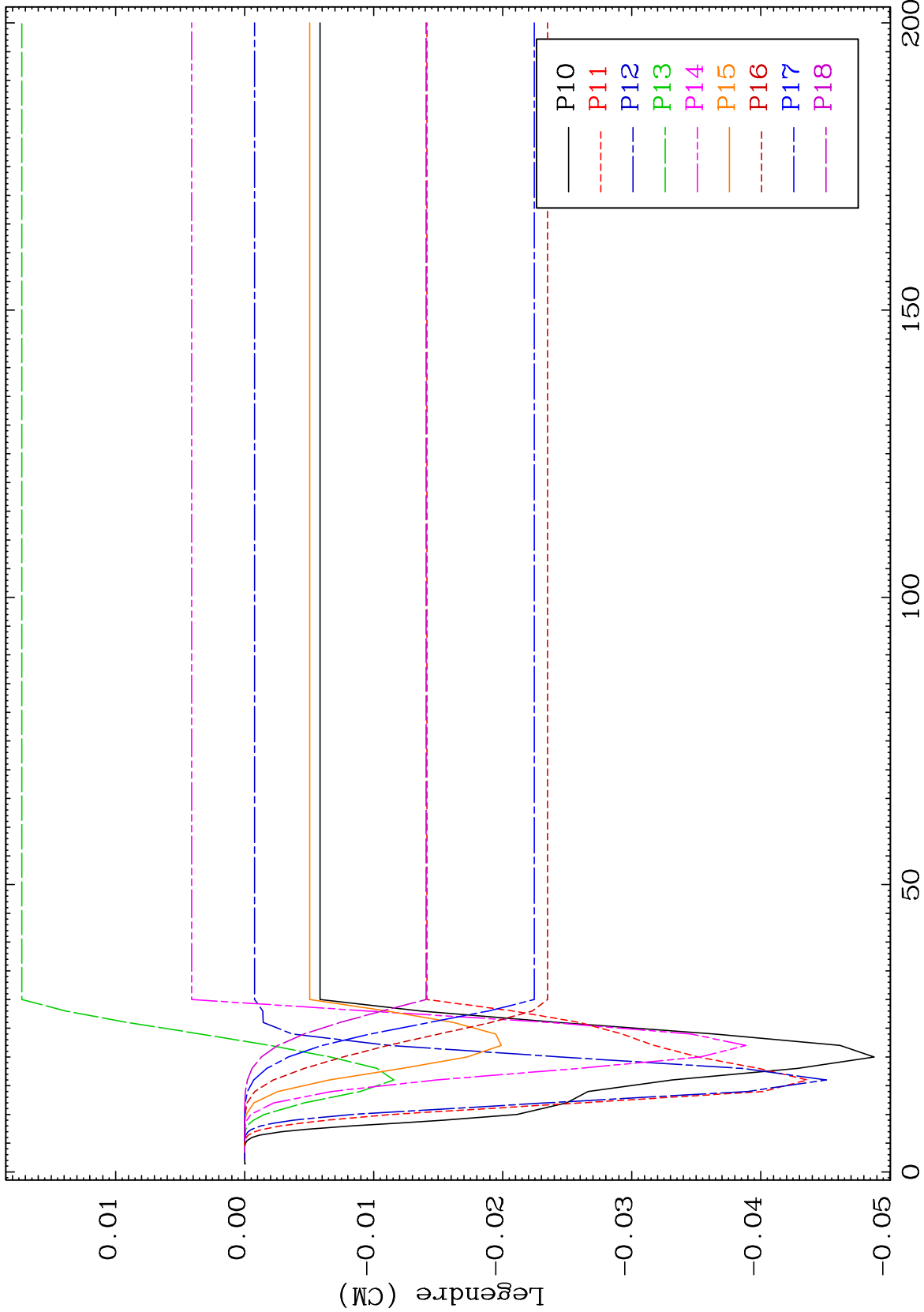
Incident Energy (MeV)

44-Ru-99

MAT 4434

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

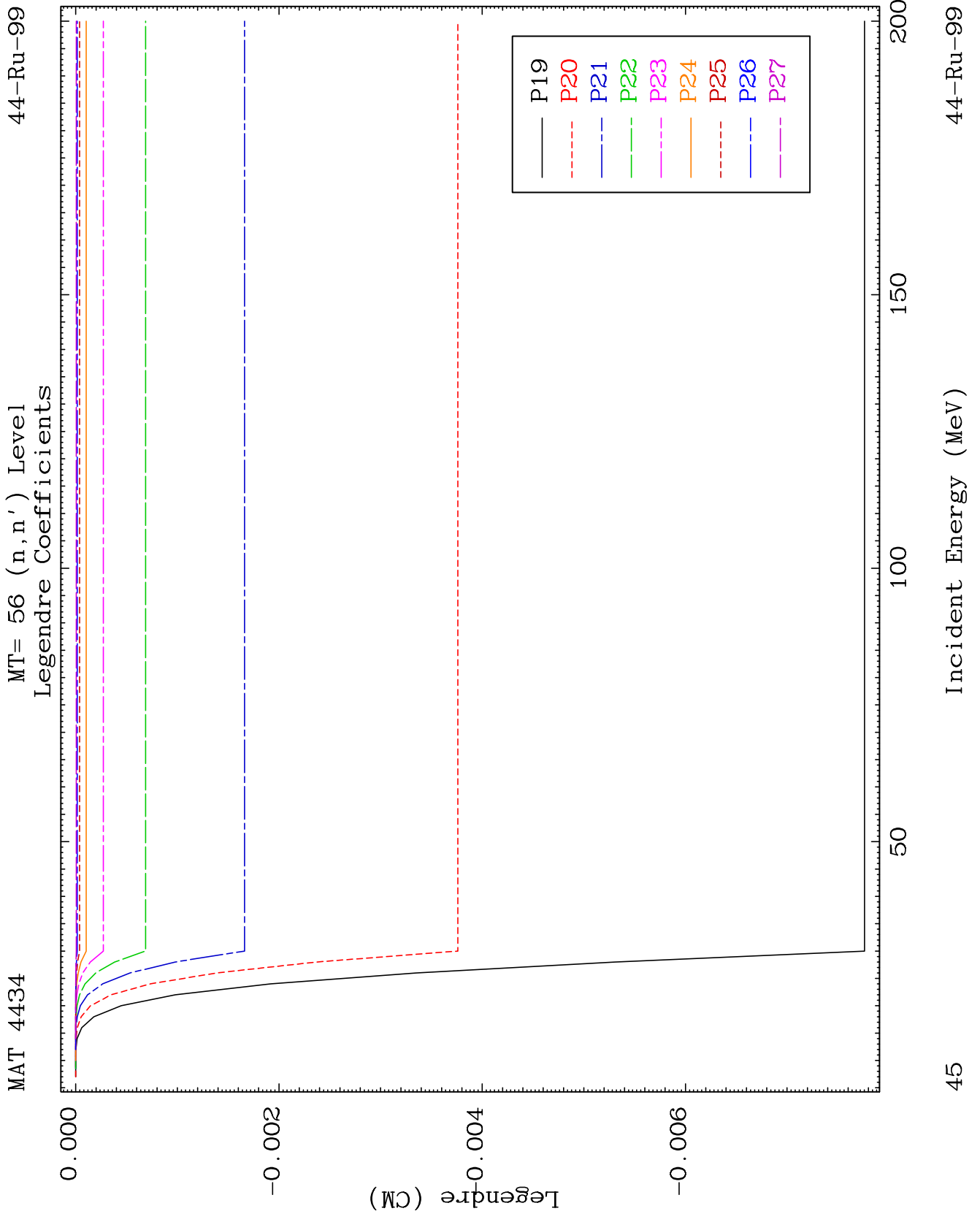
44-Ru-99



44

Incident Energy (MeV)

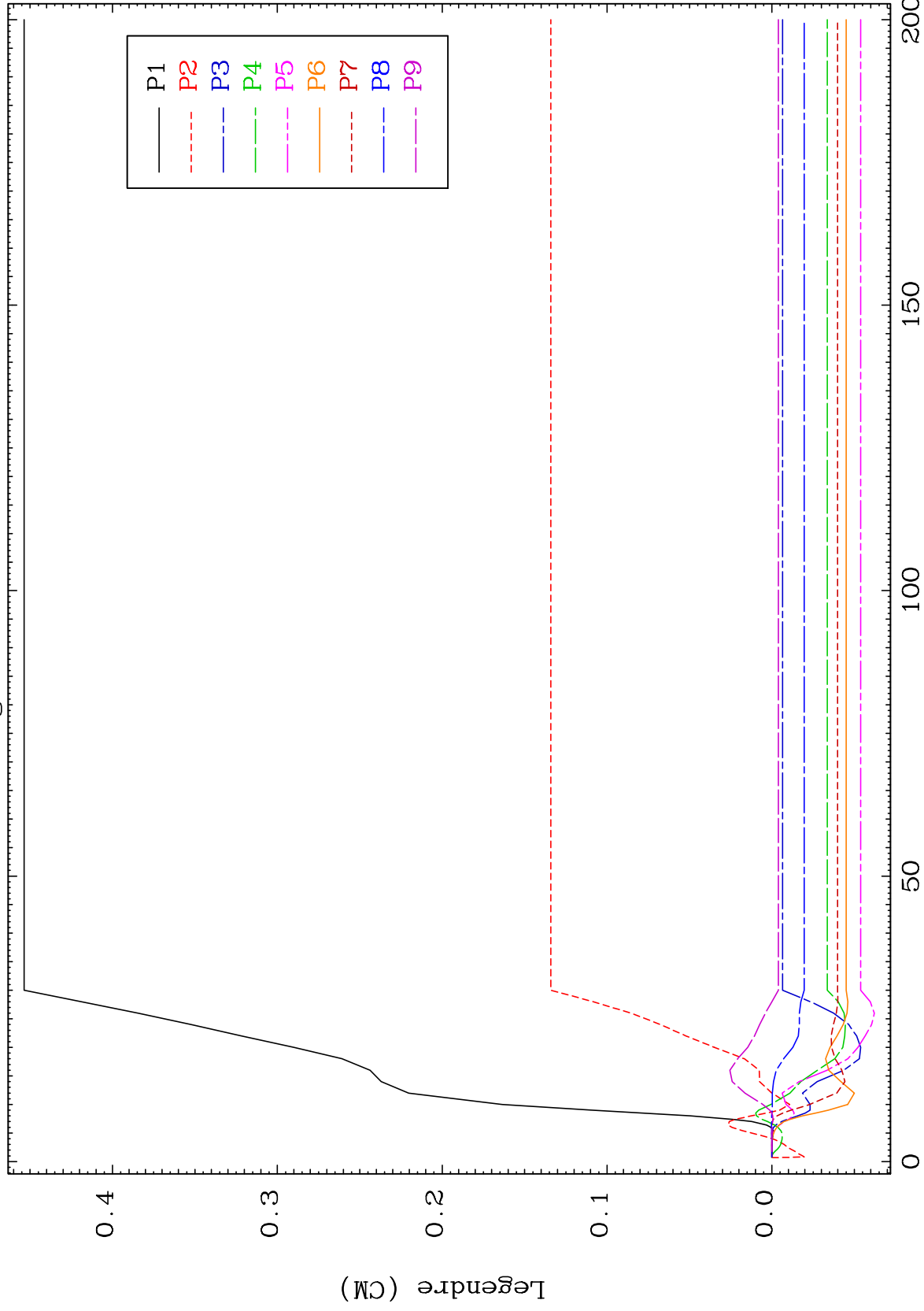
44-Ru-99



MAT 4434

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

44-Ru-99



47

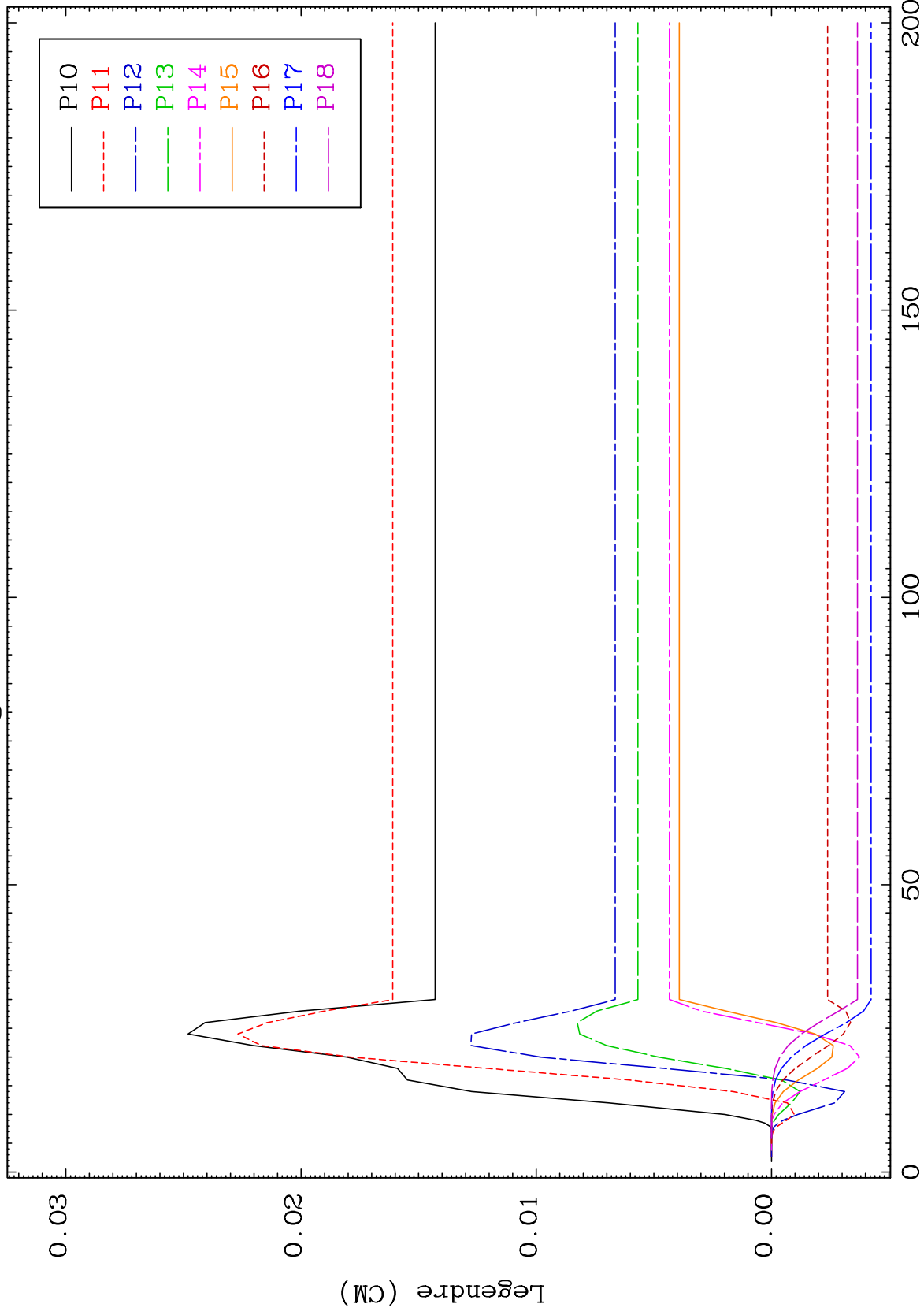
Incident Energy (MeV)

44-Ru-99

MAT 4434

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

44-Ru-99



48

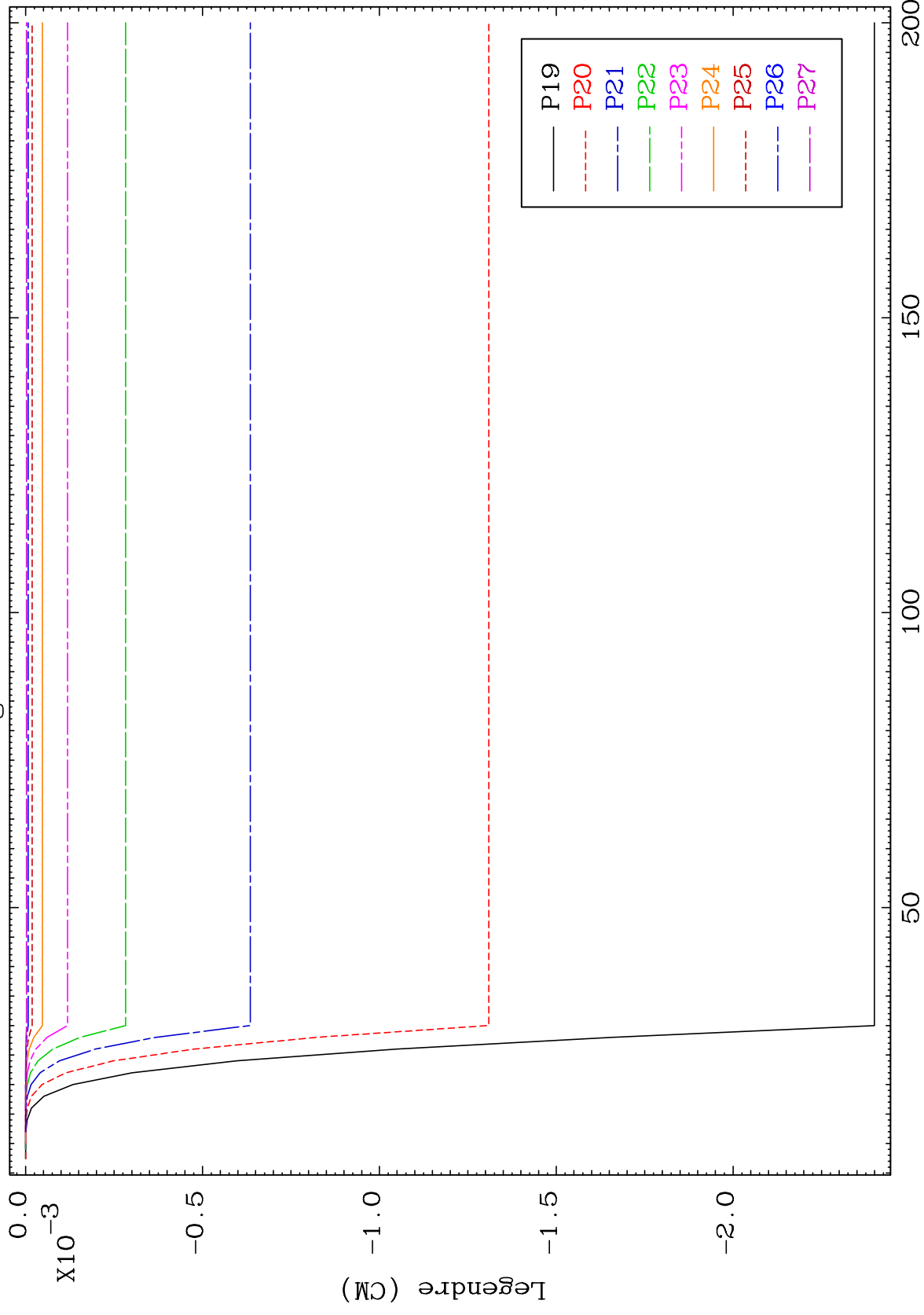
Incident Energy (MeV)

44-Ru-99

MAT 4434

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

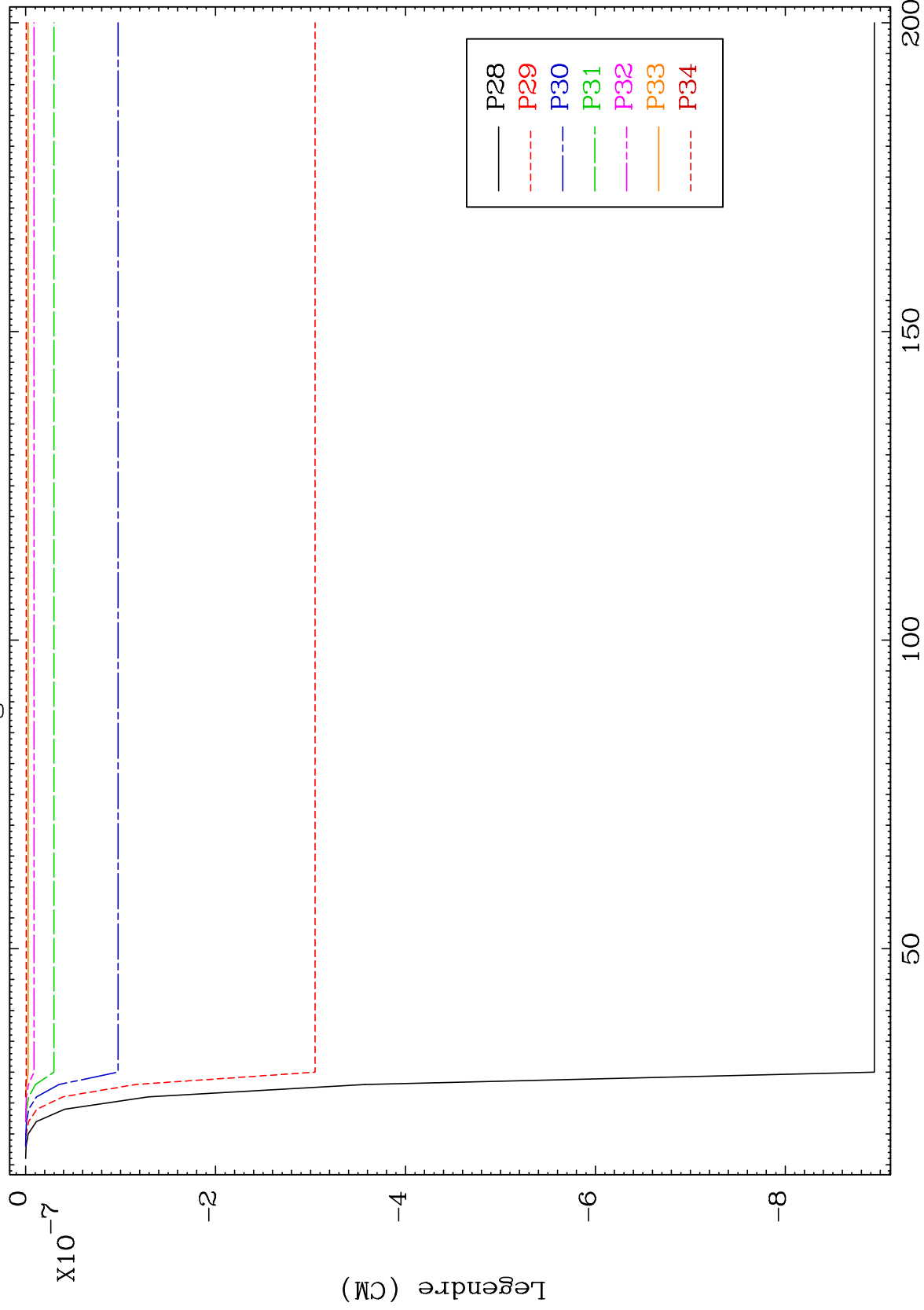
44-Ru-99



MAT 4434

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

44-Ru-99



50

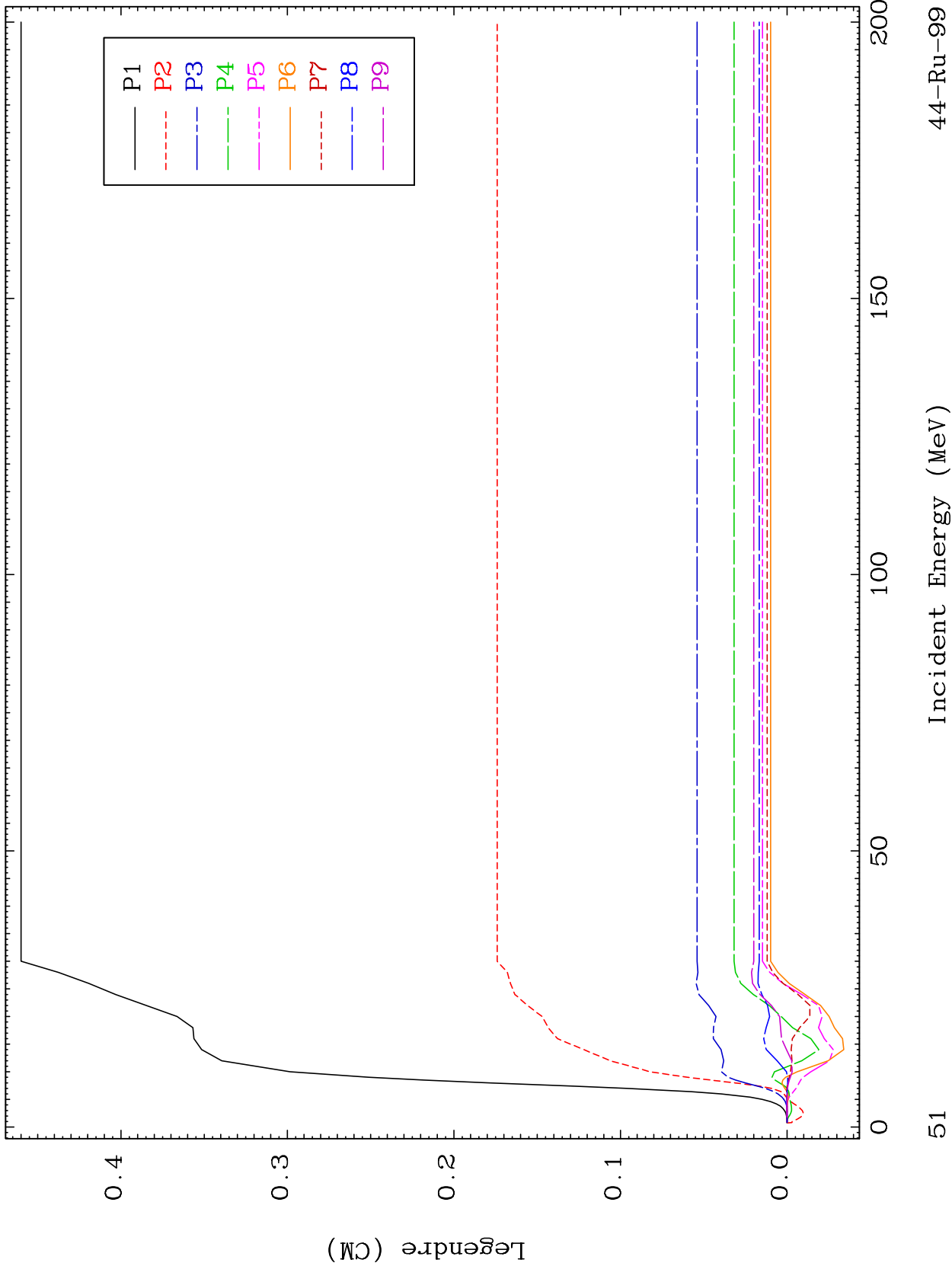
Incident Energy (MeV)

44-Ru-99

MAT 4434

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

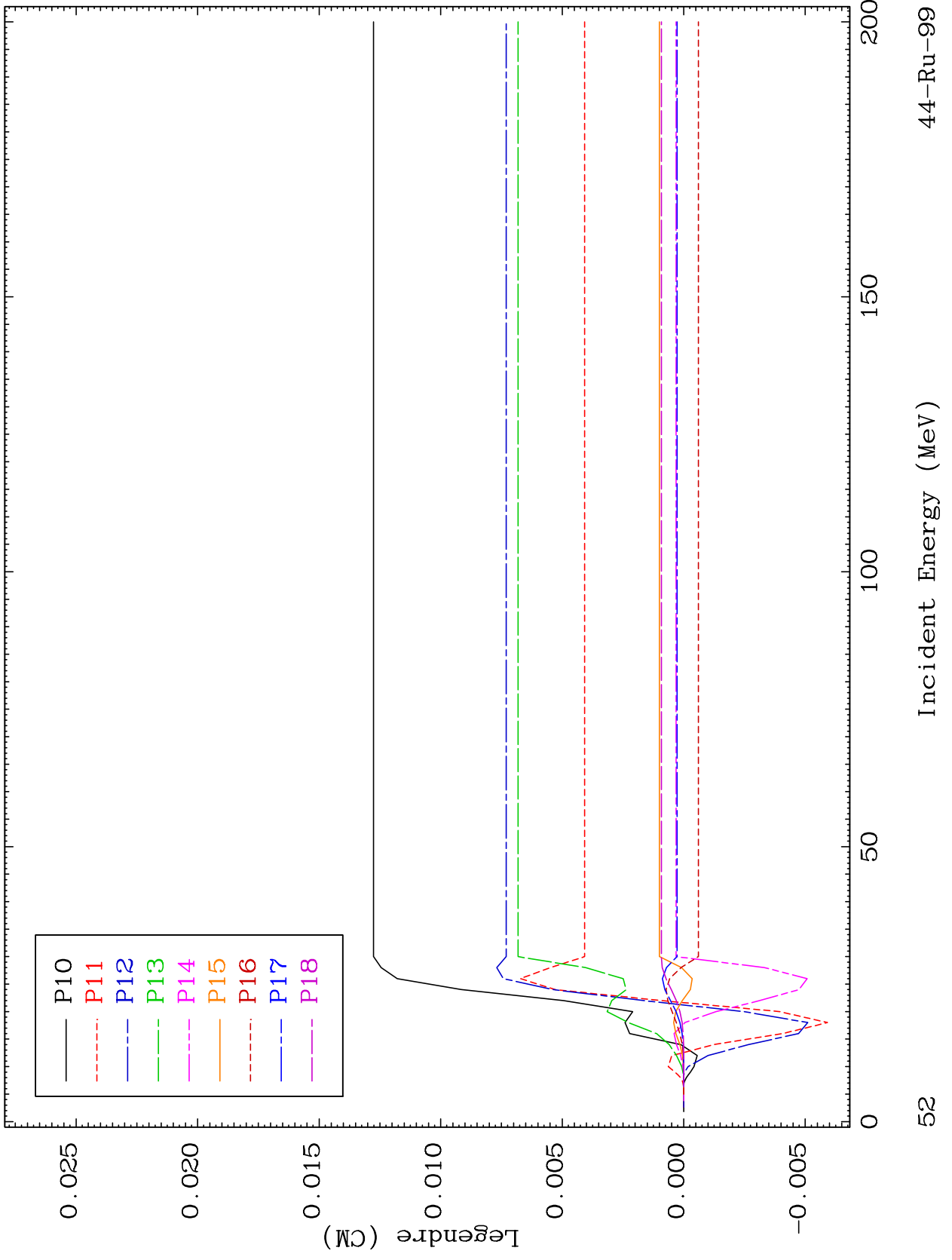
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MAT 4434

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

44-Ru-99

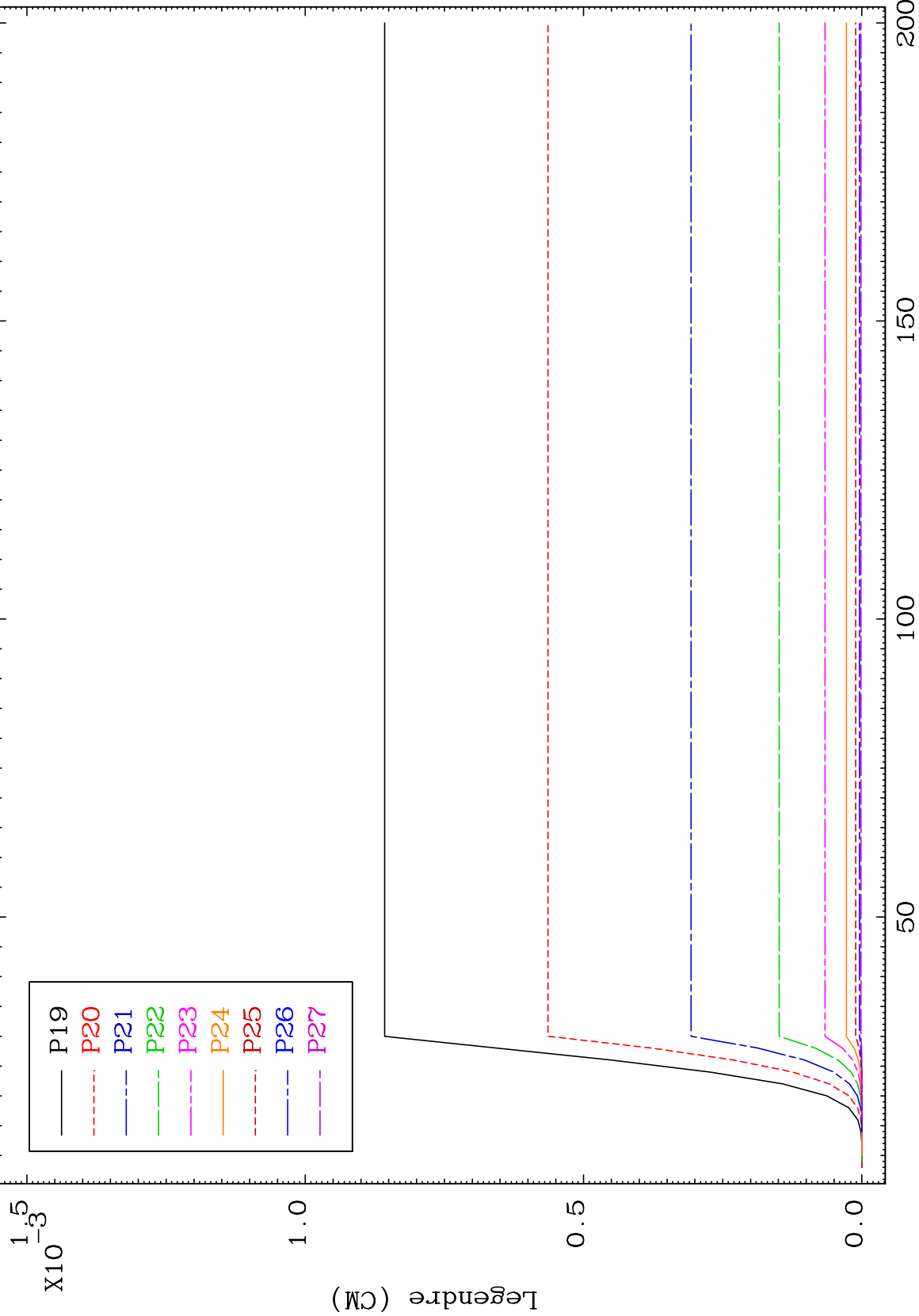


52

MAT 4434

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

44-Ru-99



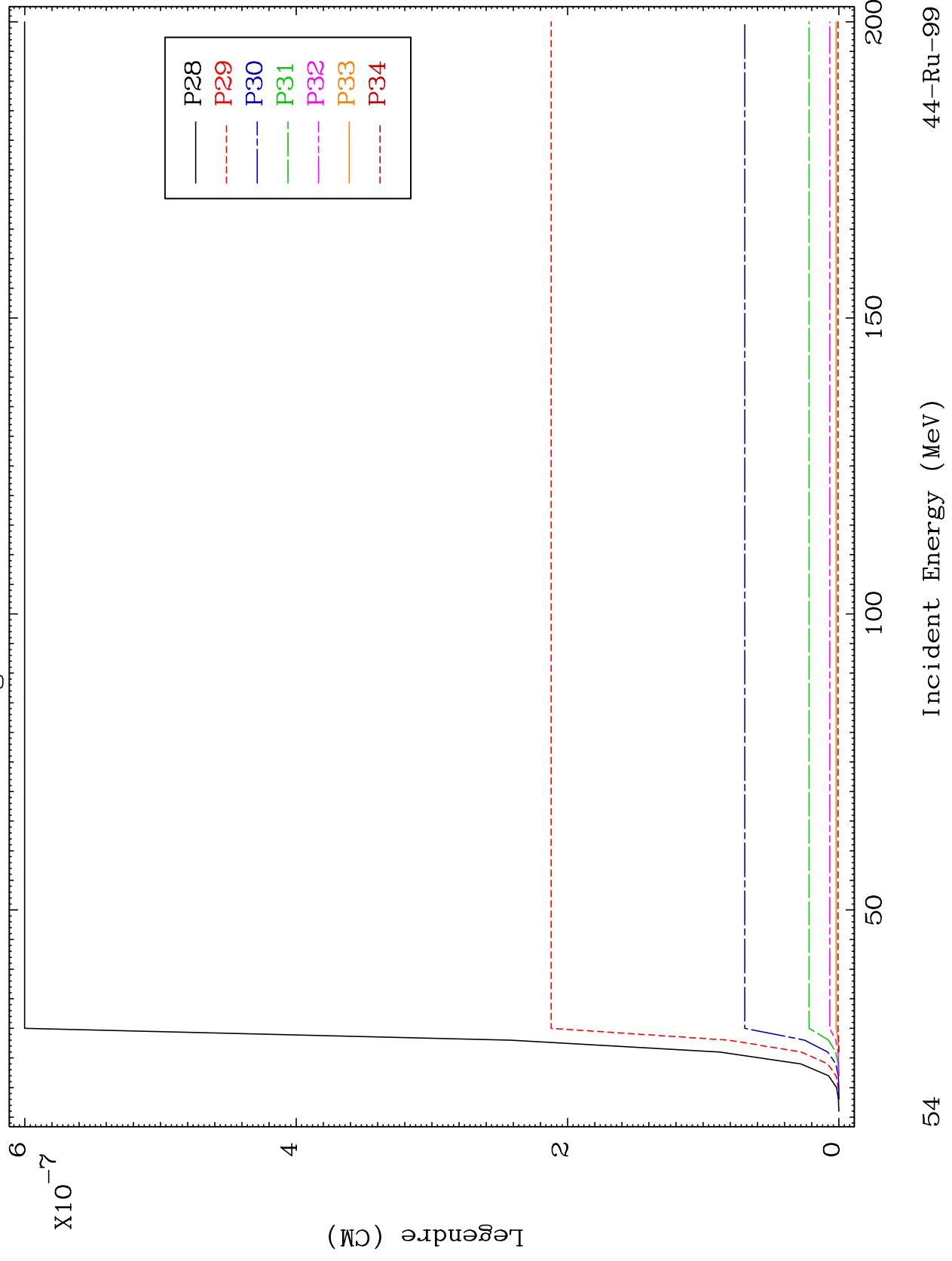
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44-Ru-99

MAT 4434

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

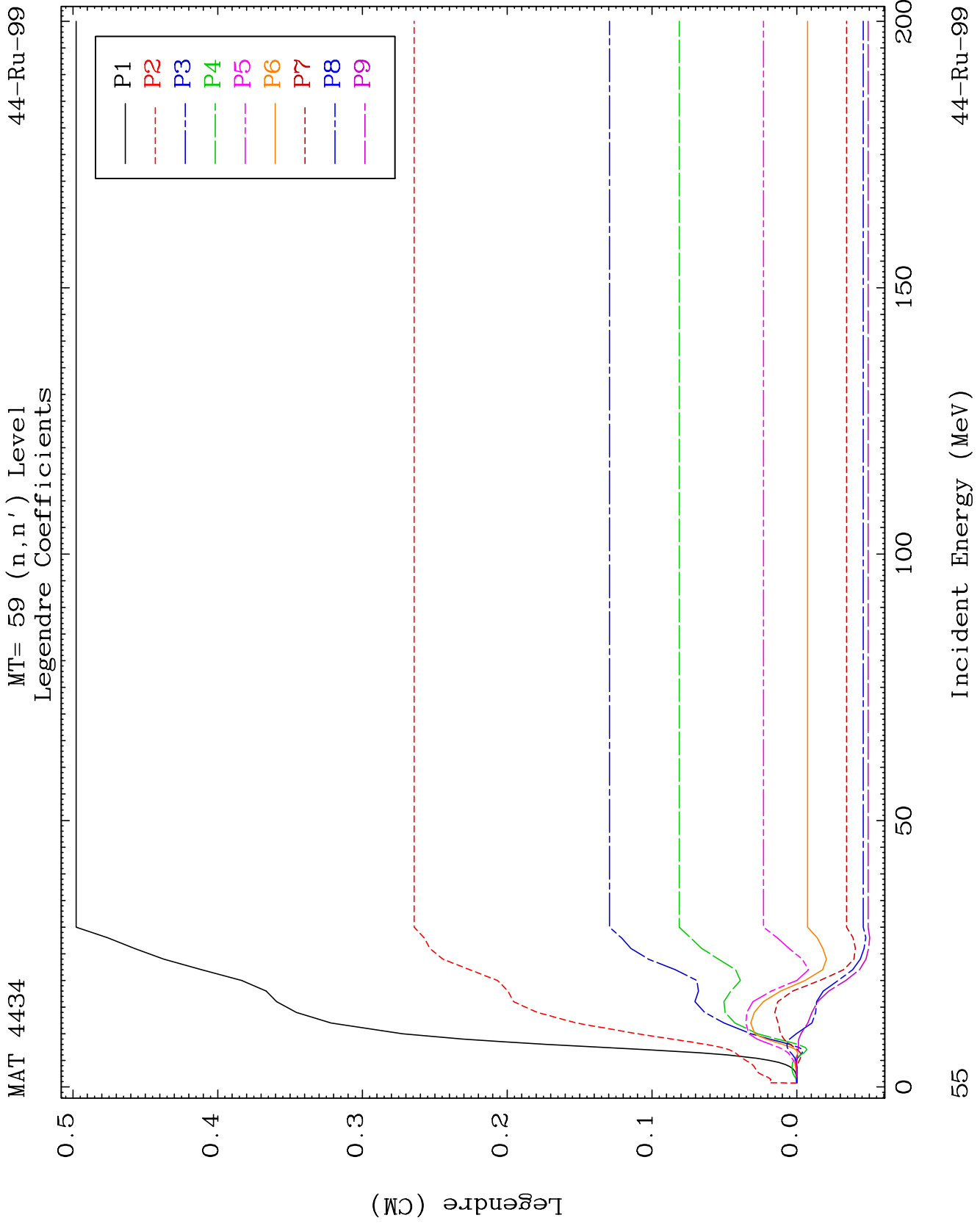
44-Ru-99



54

Incident Energy (MeV)

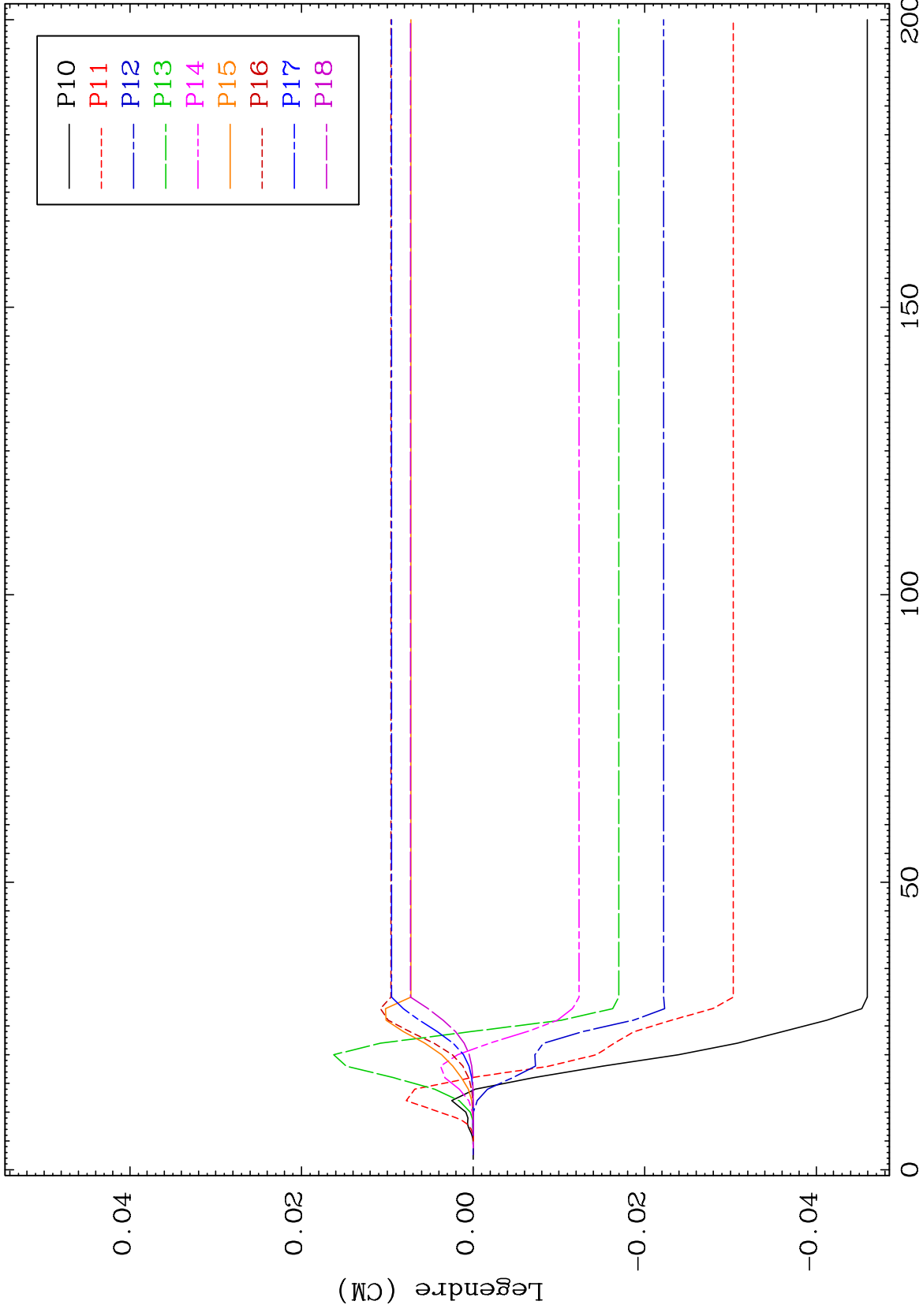
44-Ru-99



MAT 4434

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

44-Ru-99



56

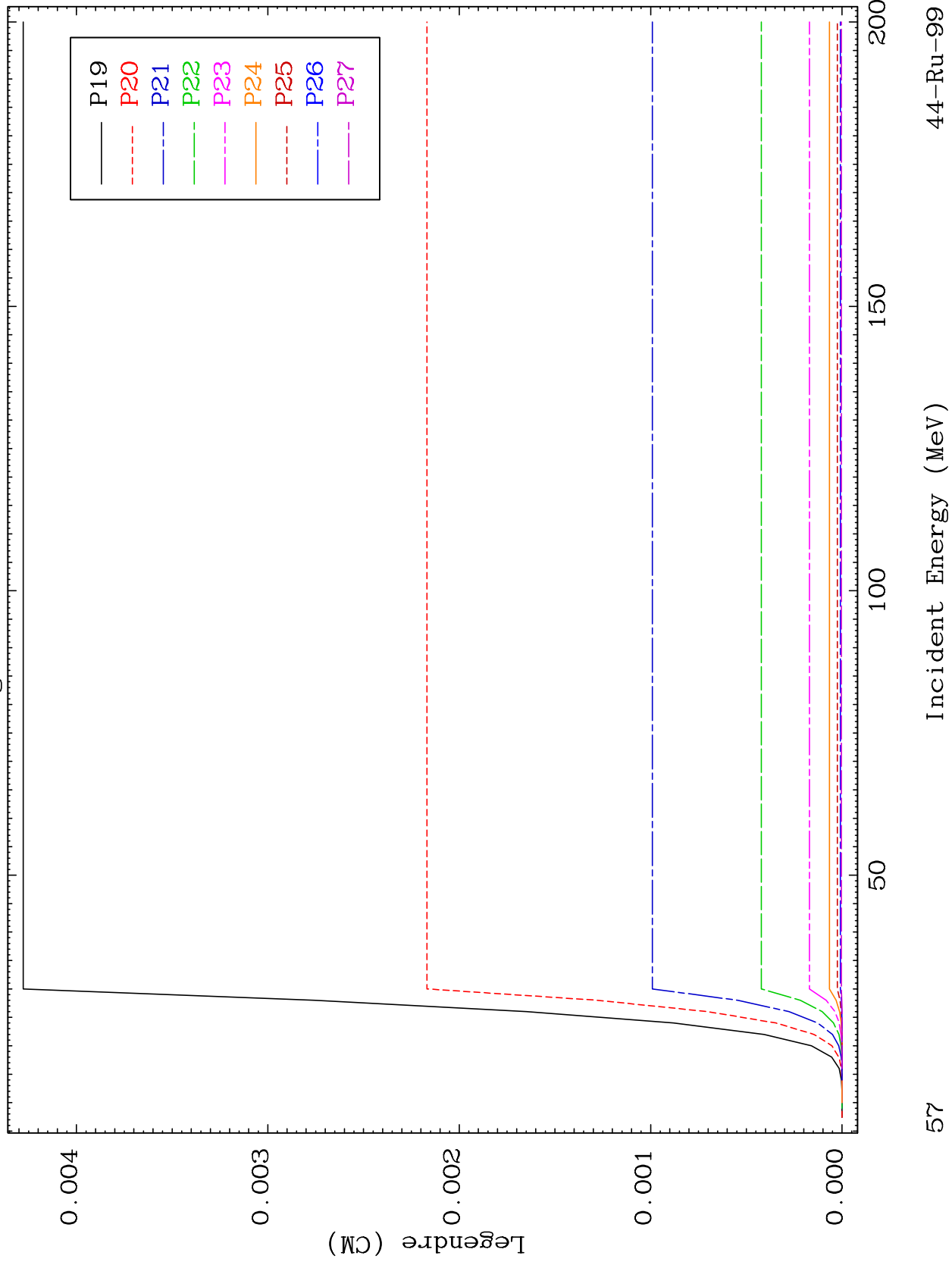
Incident Energy (MeV)

44-Ru-99

MAT 4434

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

44-Ru-99



57

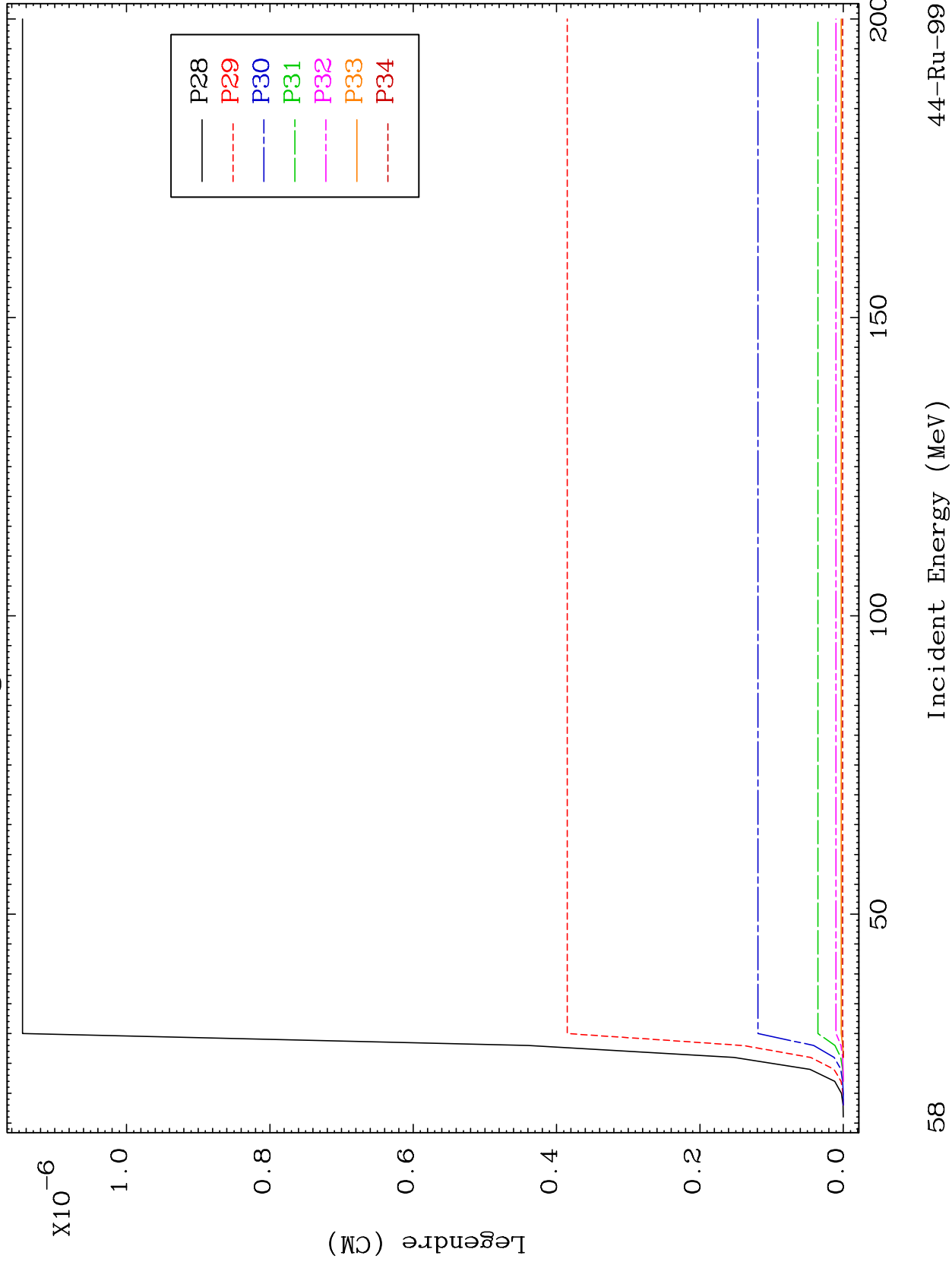
Incident Energy (MeV)

44-Ru-99

MAT 4434

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

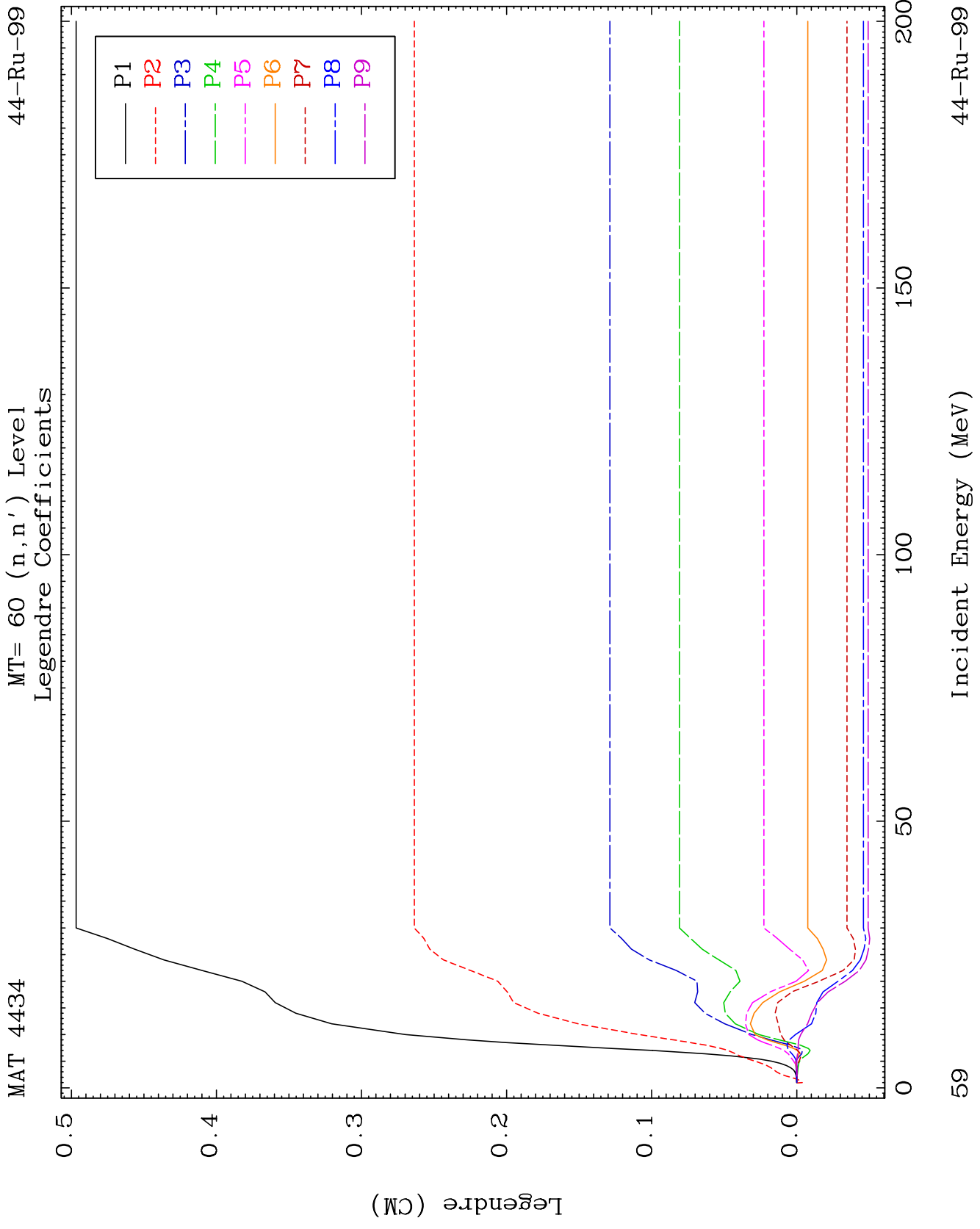
44-Ru-99



58

Incident Energy (MeV)

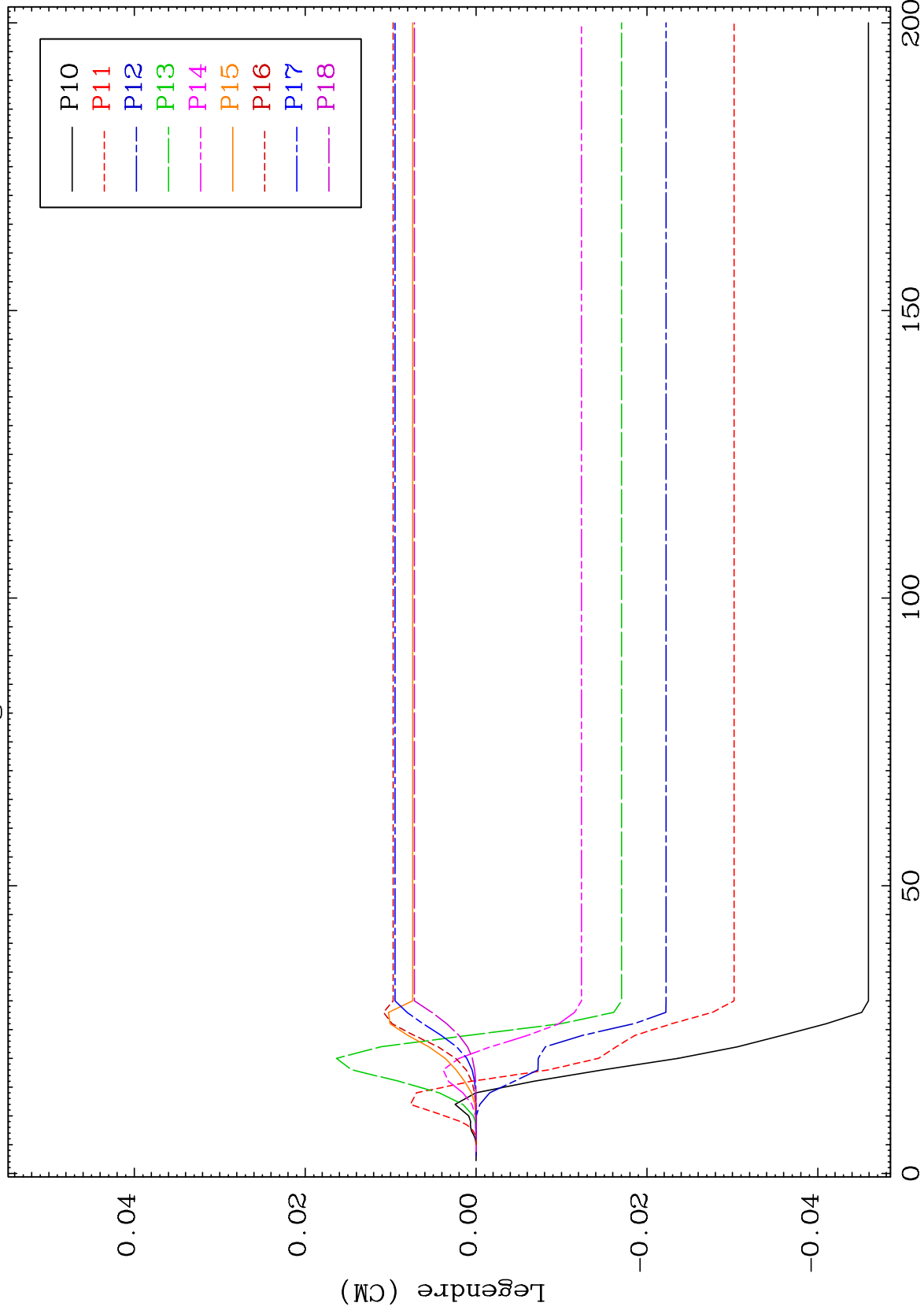
44-Ru-99



MAT 4434

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

44-Ru-99



60

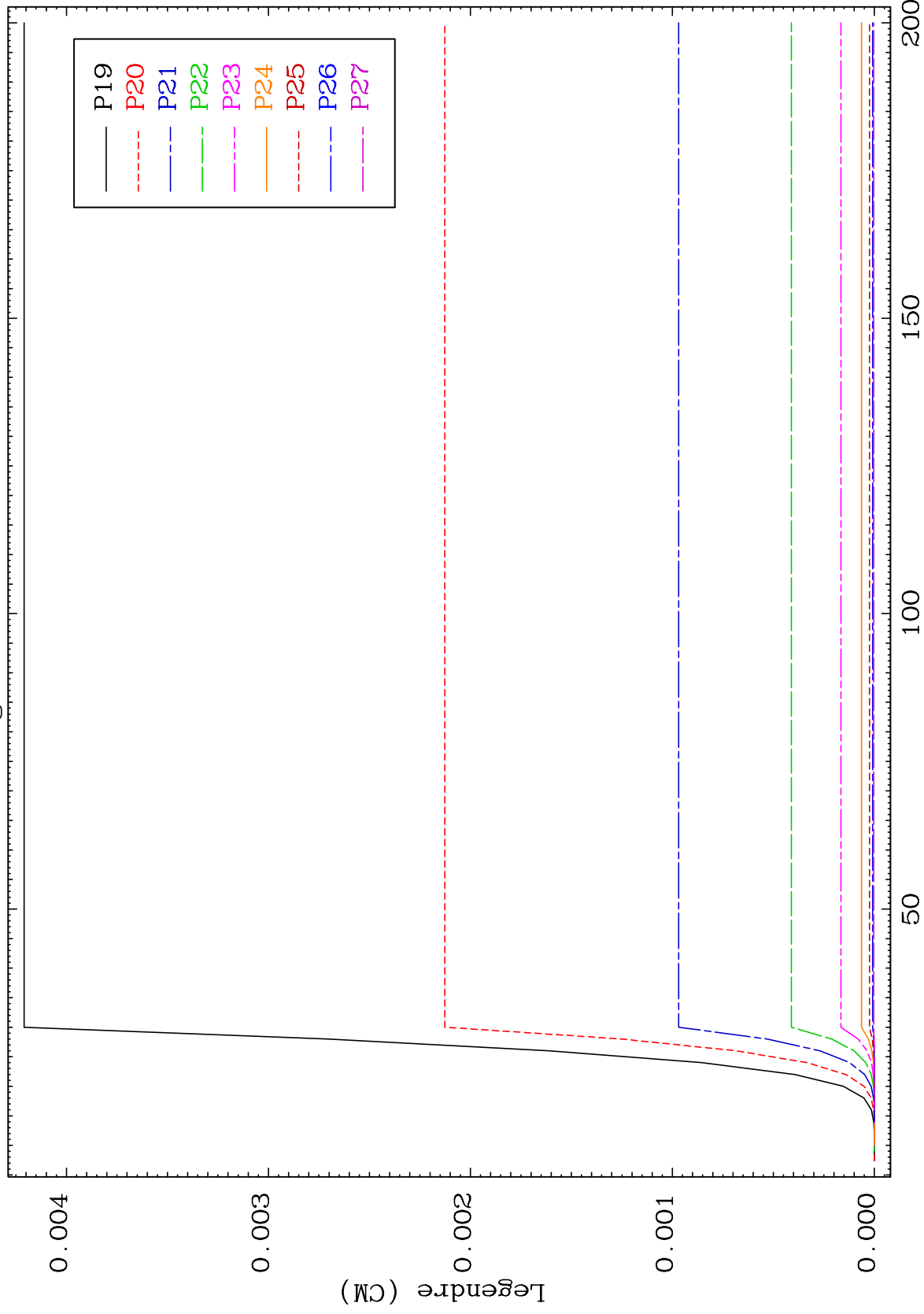
Incident Energy (MeV)

44-Ru-99

MAT 4434

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

44-Ru-99



61

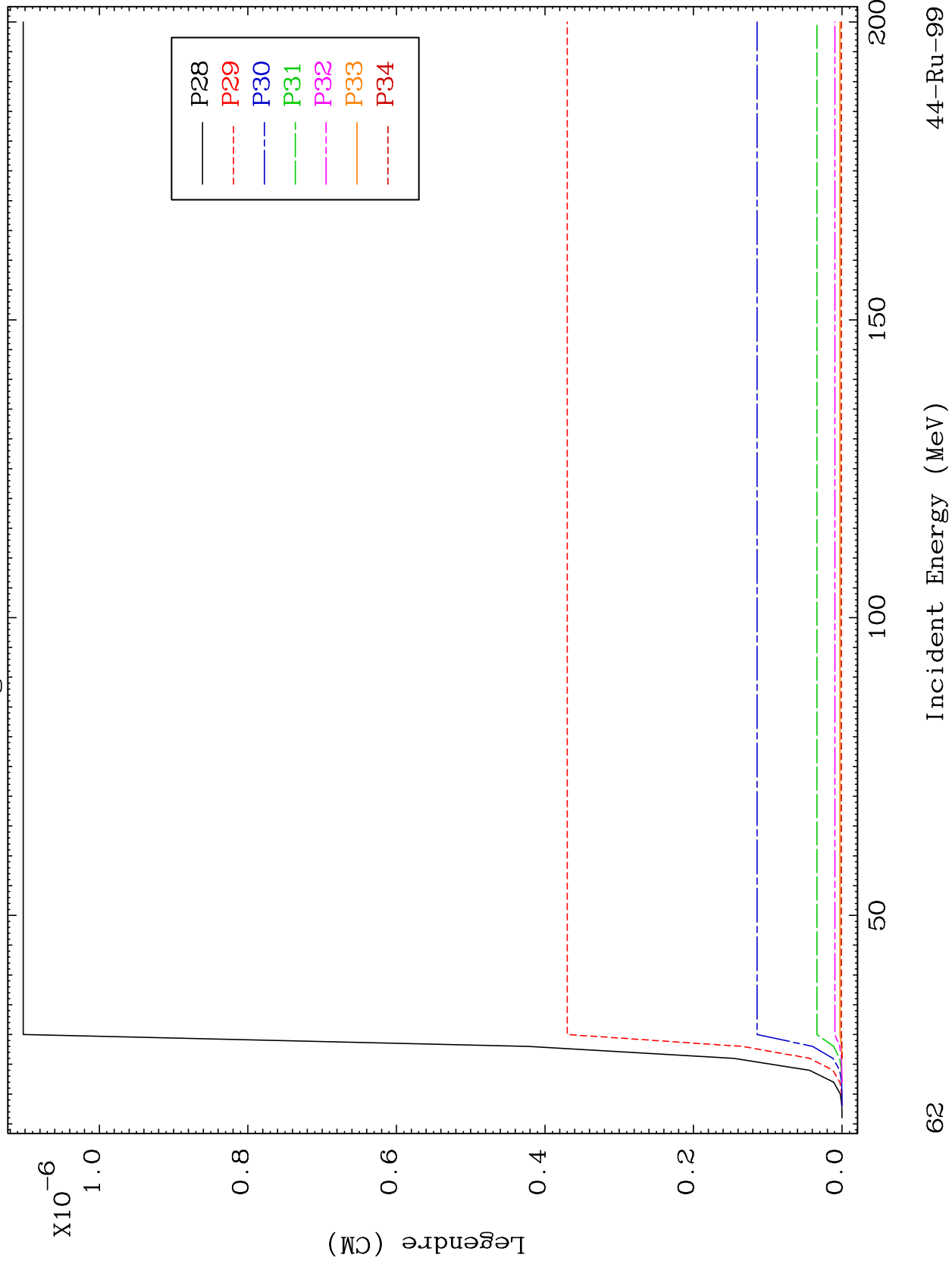
Incident Energy (MeV)

44-Ru-99

MAT 4434

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

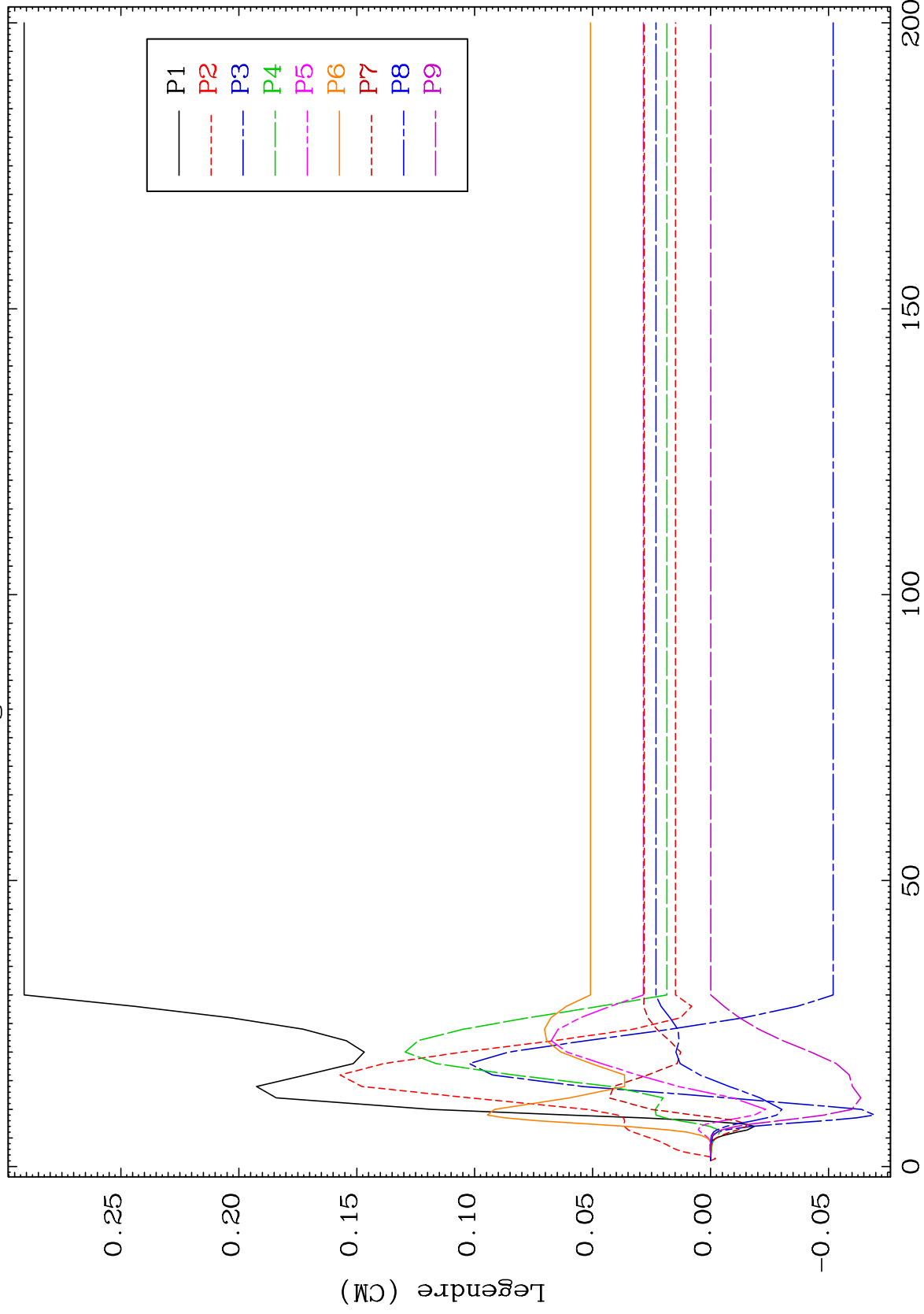
44-Ru-99



MAT 4434

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

44-Ru-99



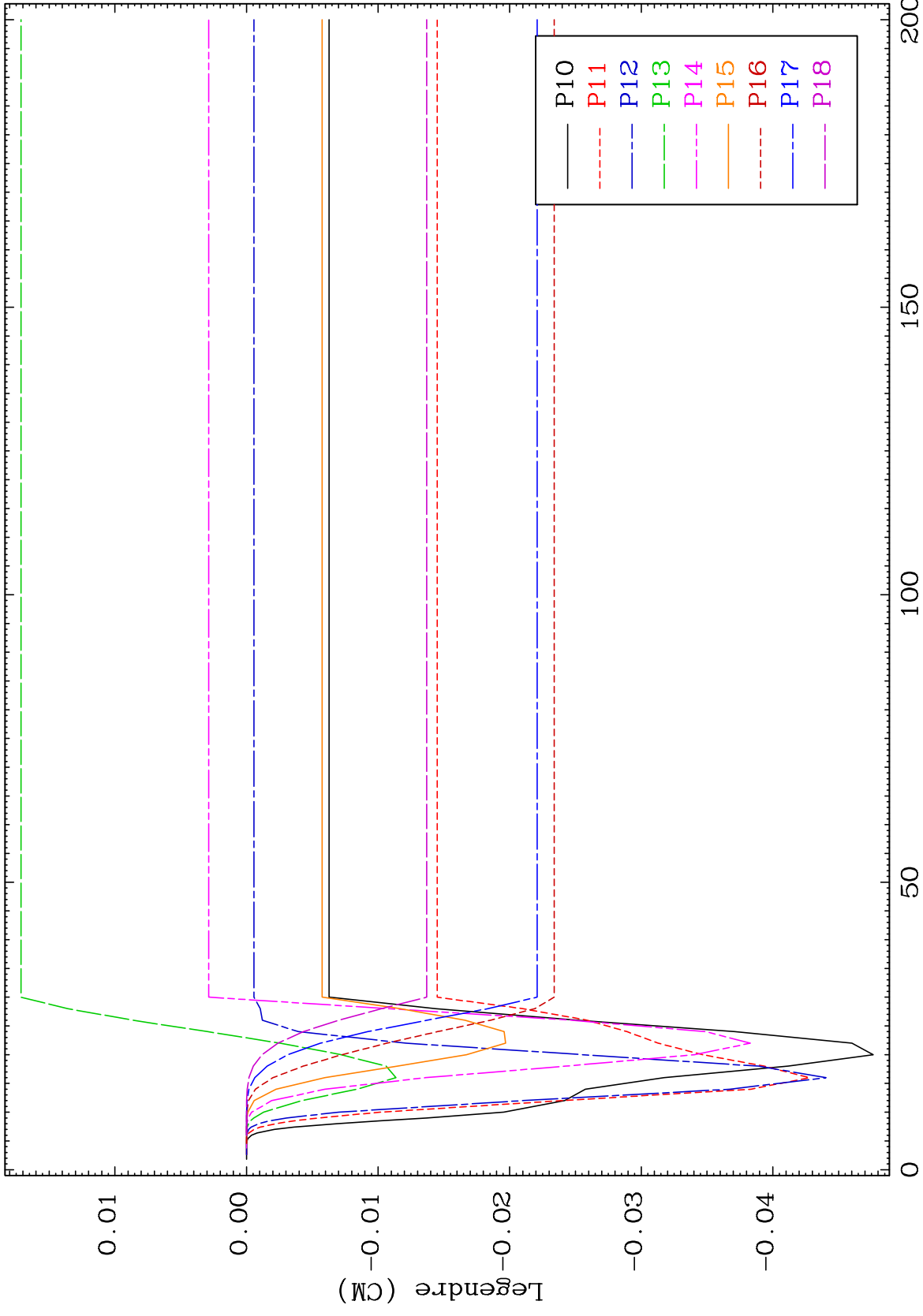
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44-Ru-99

MAT 4434

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

44-Ru-99



64

Incident Energy (MeV)

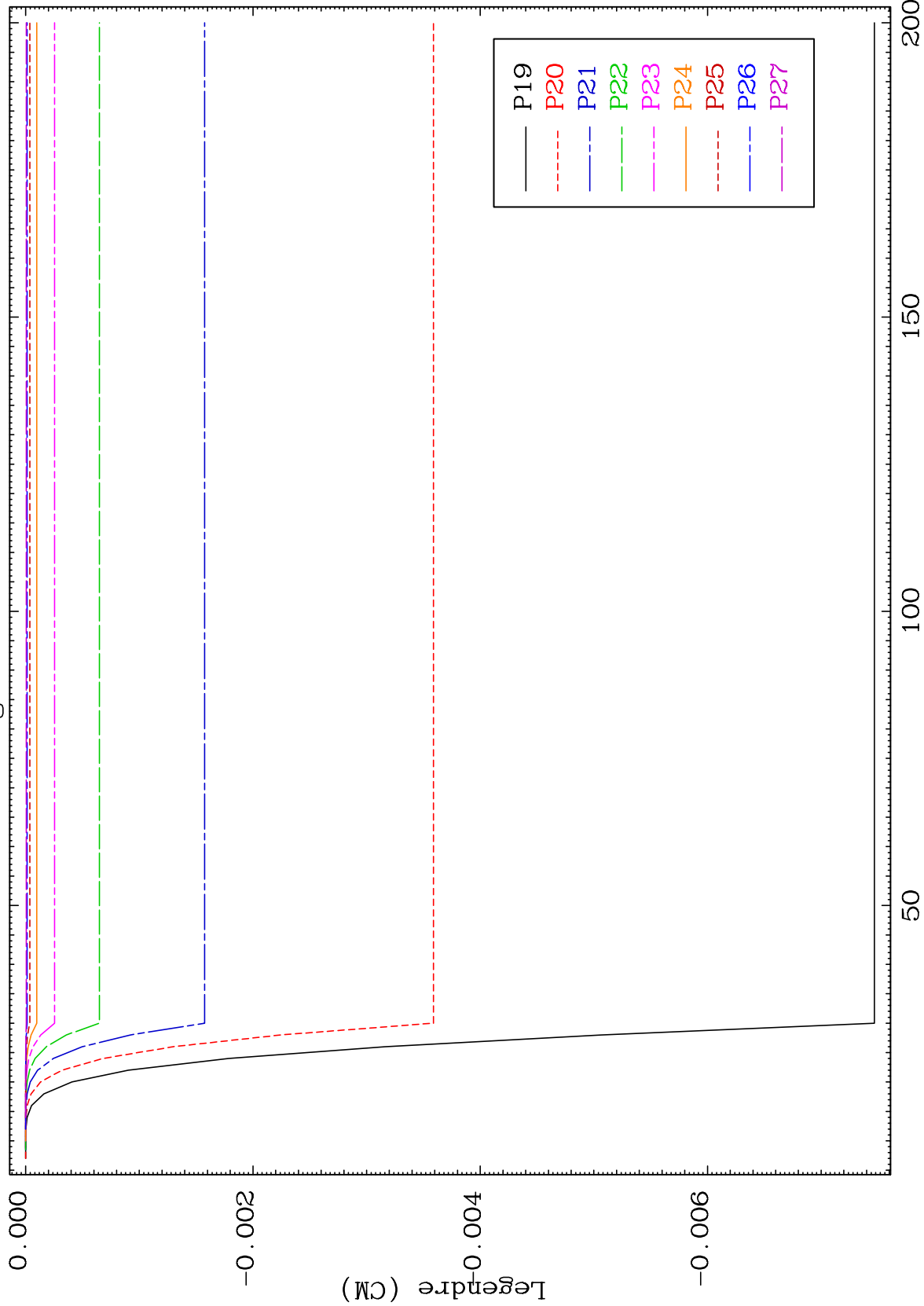
44-Ru-99

MAT 4434

MT= 61 (n,n') Level

44-Ru-99

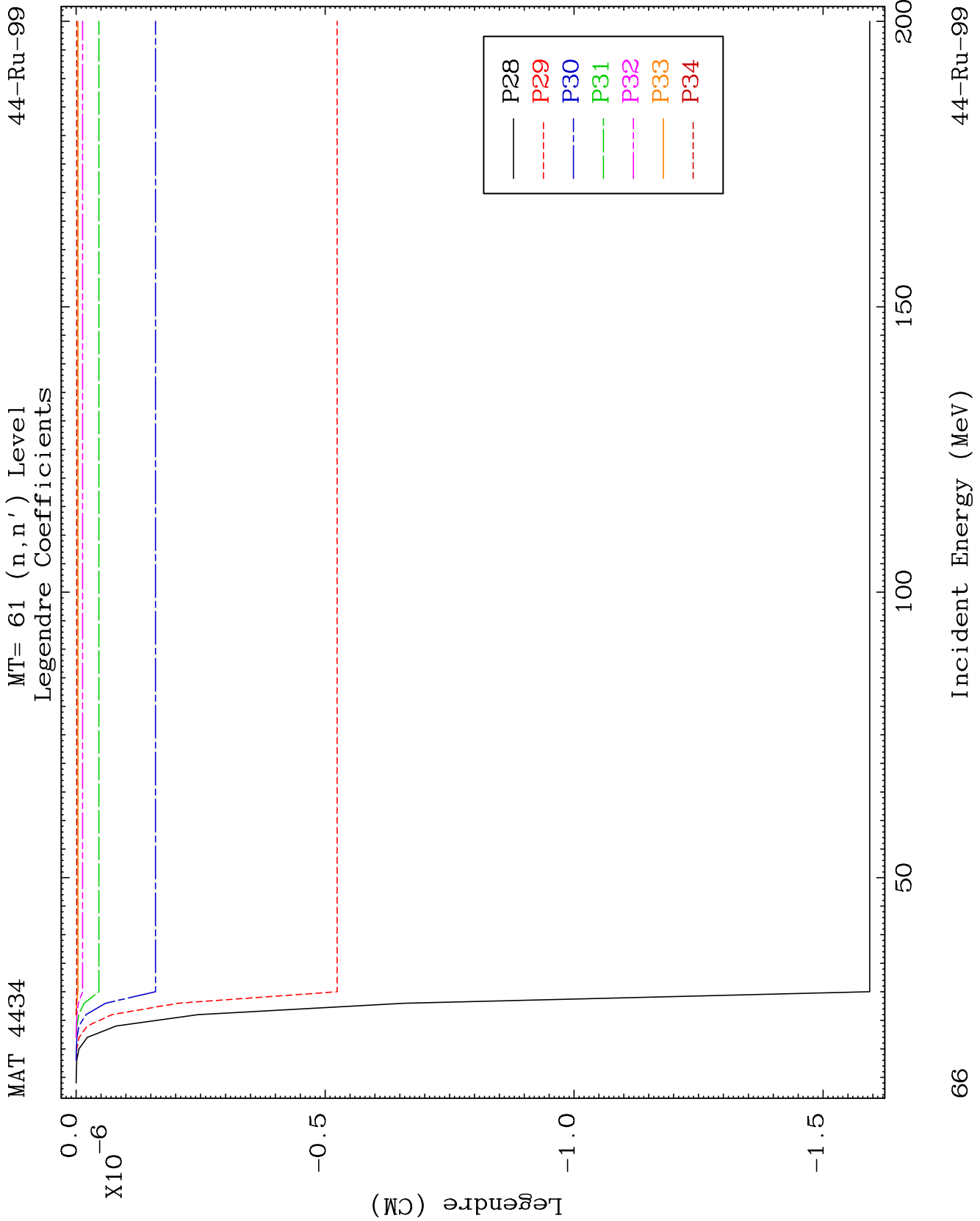
Legendre Coefficients



44-Ru-99

Incident Energy (MeV)

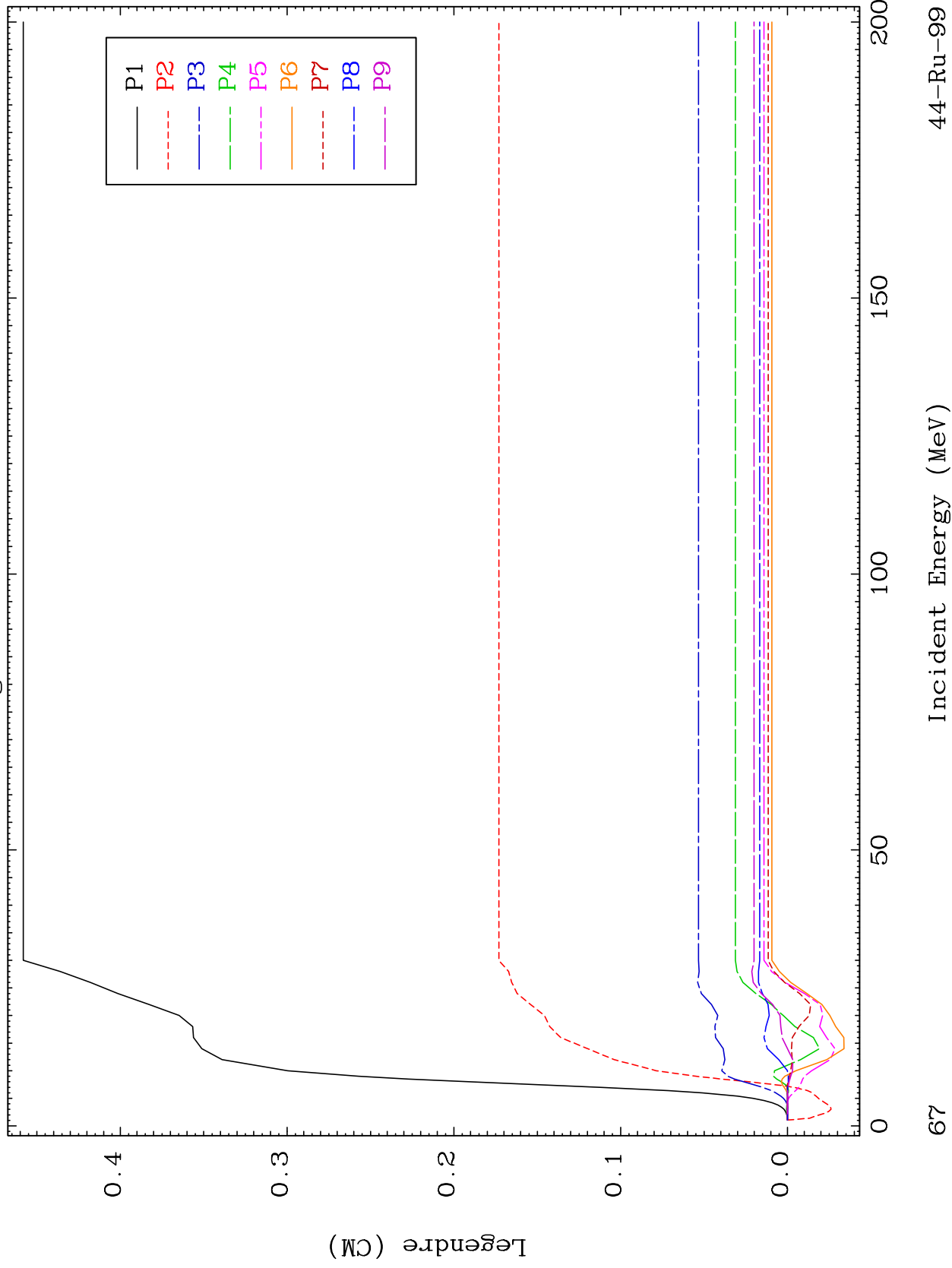
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MAT 4434

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

44-Ru-99



44-Ru-99

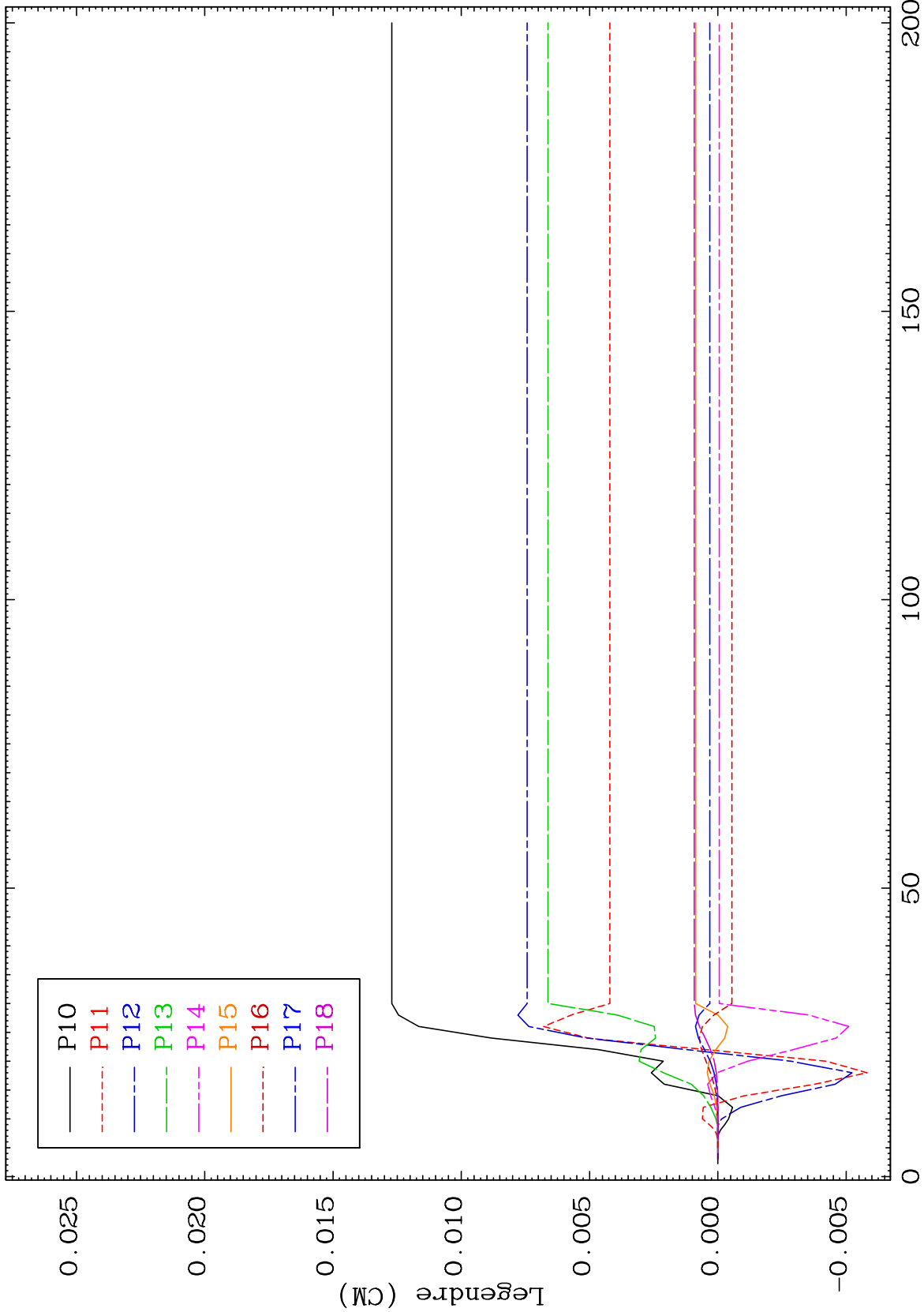
Incident Energy (MeV)

67

MAT 4434

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

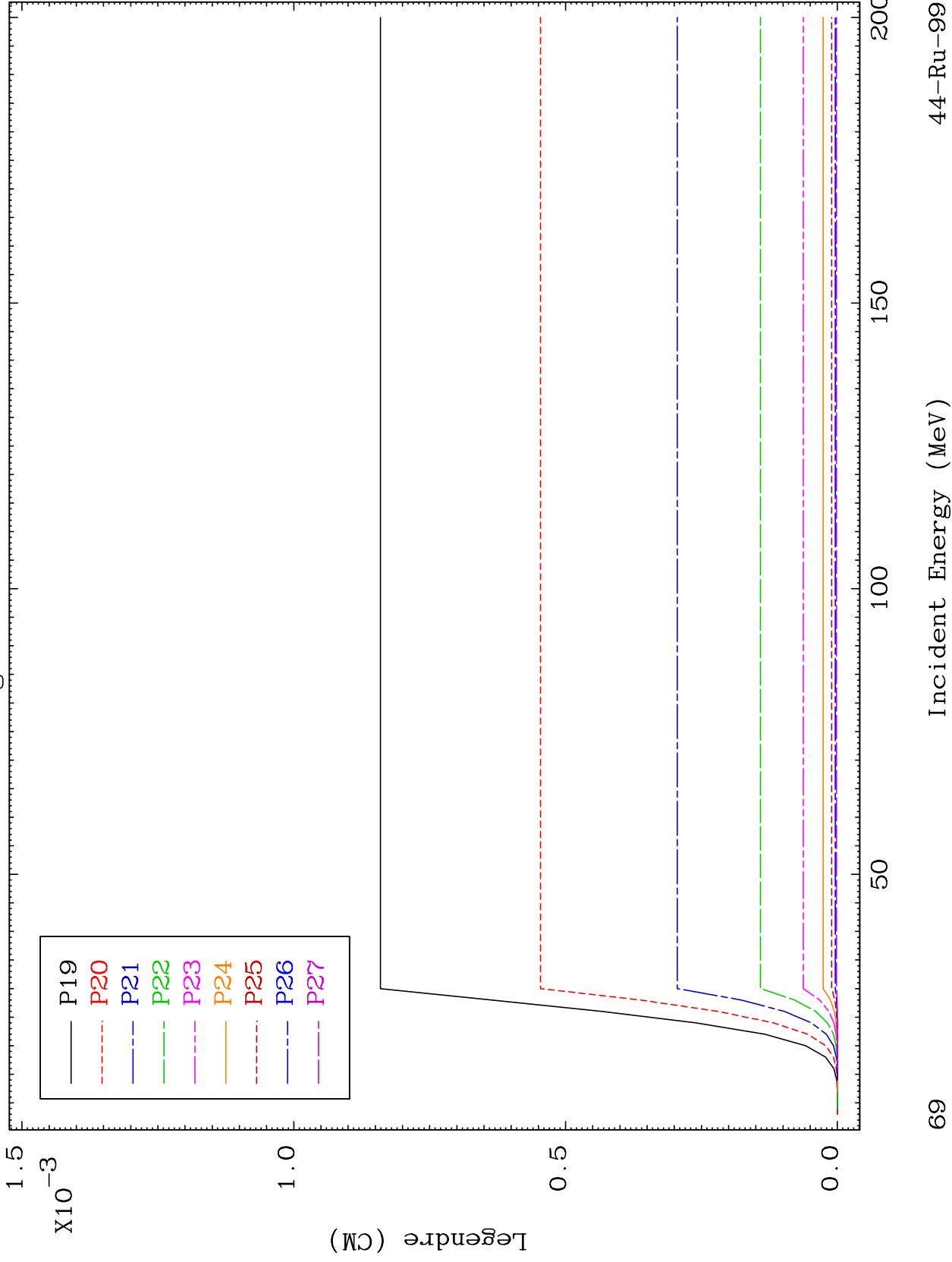
44-Ru-99



68

Incident Energy (MeV)

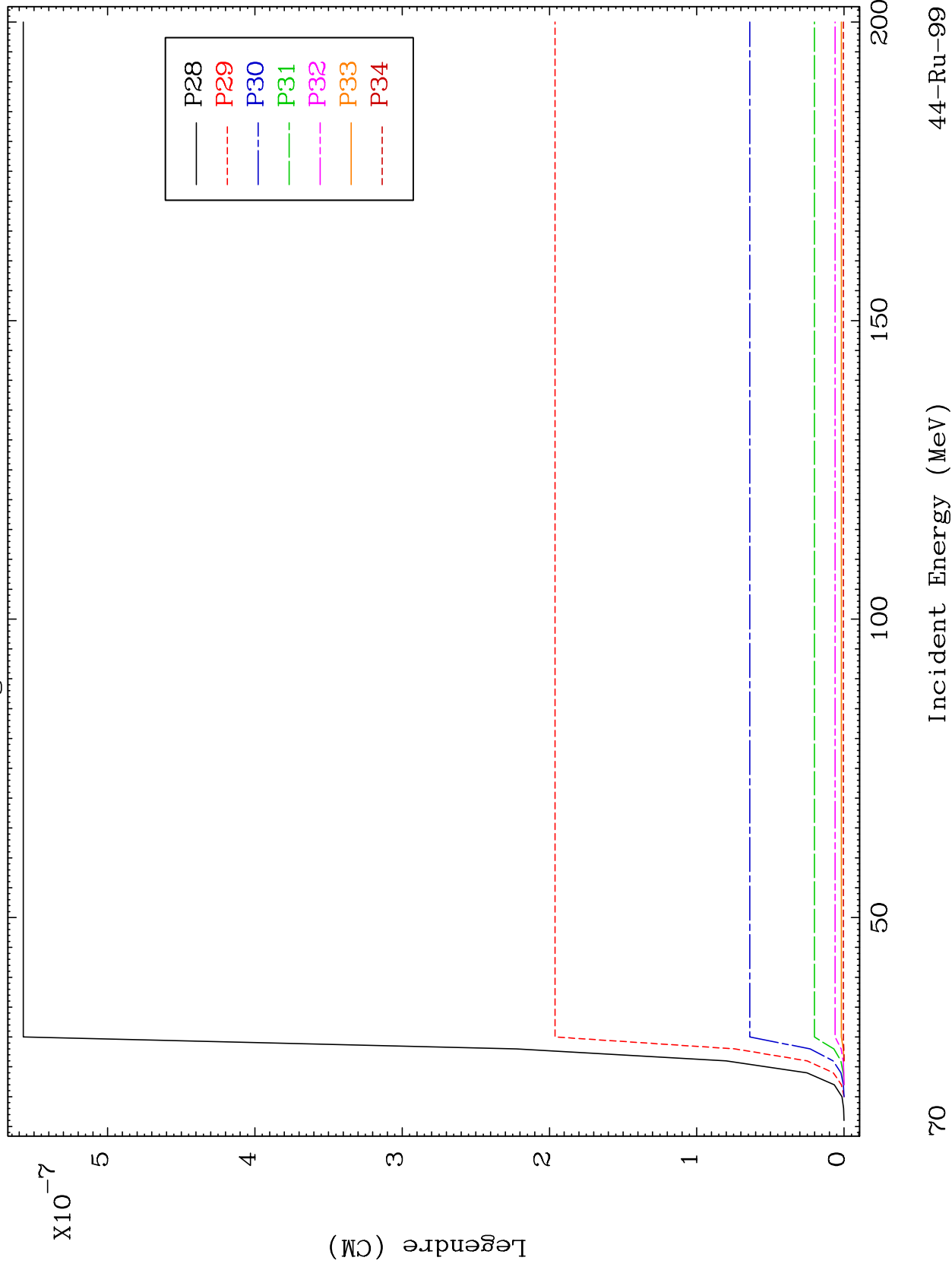
44-Ru-99



MAT 4434

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

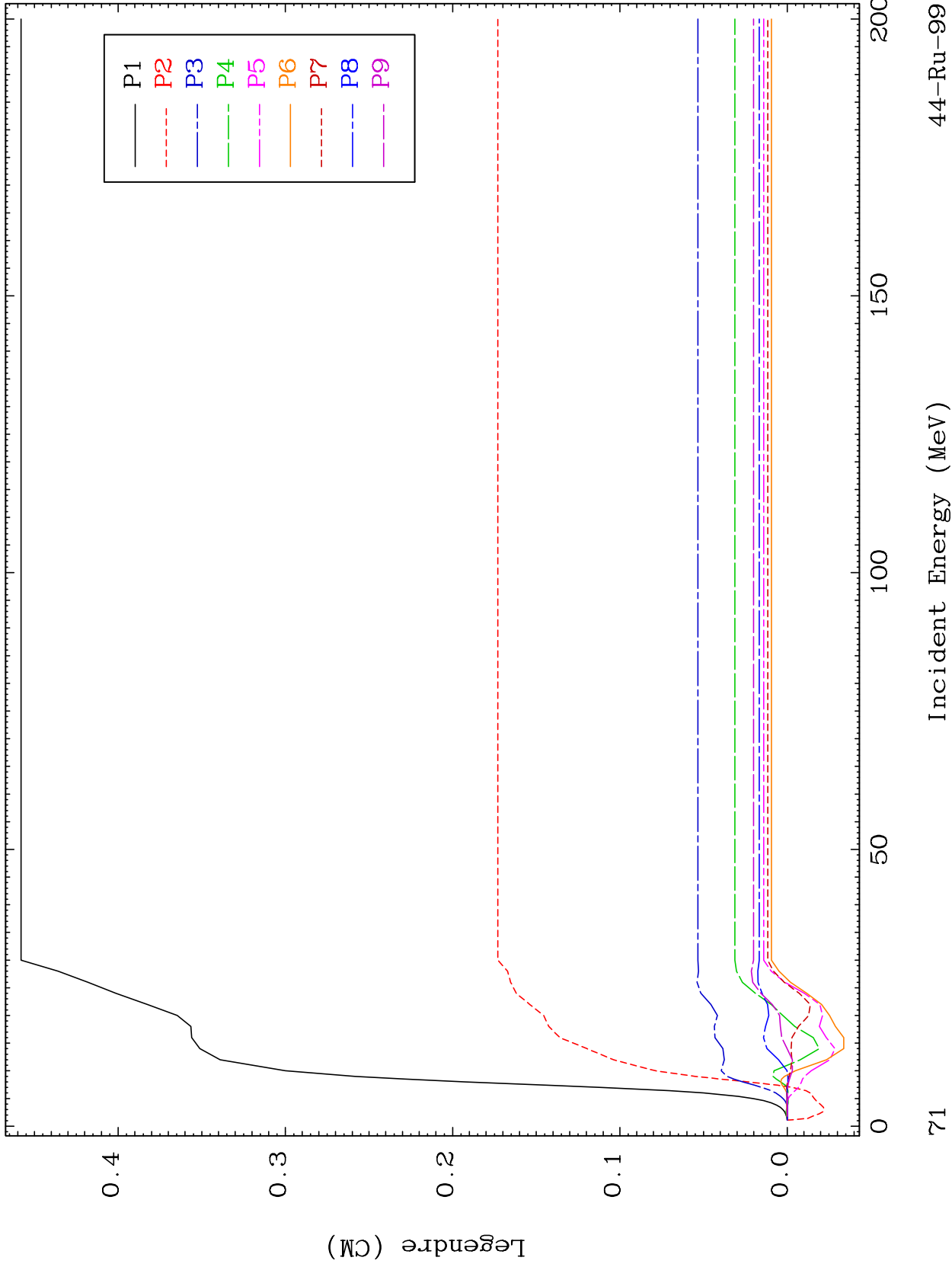
44-Ru-99



MAT 4434

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

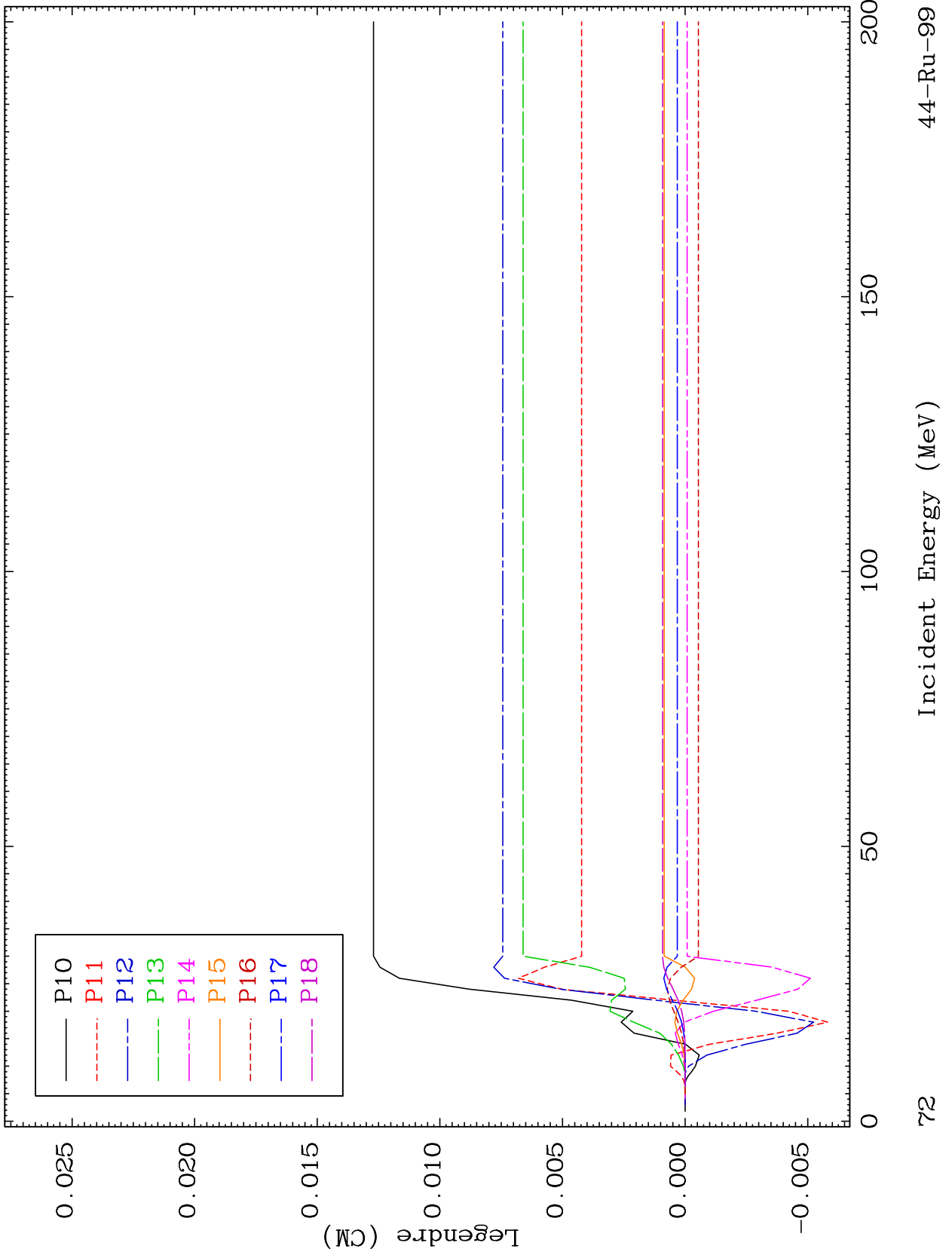
44-Ru-99



71

Incident Energy (MeV)

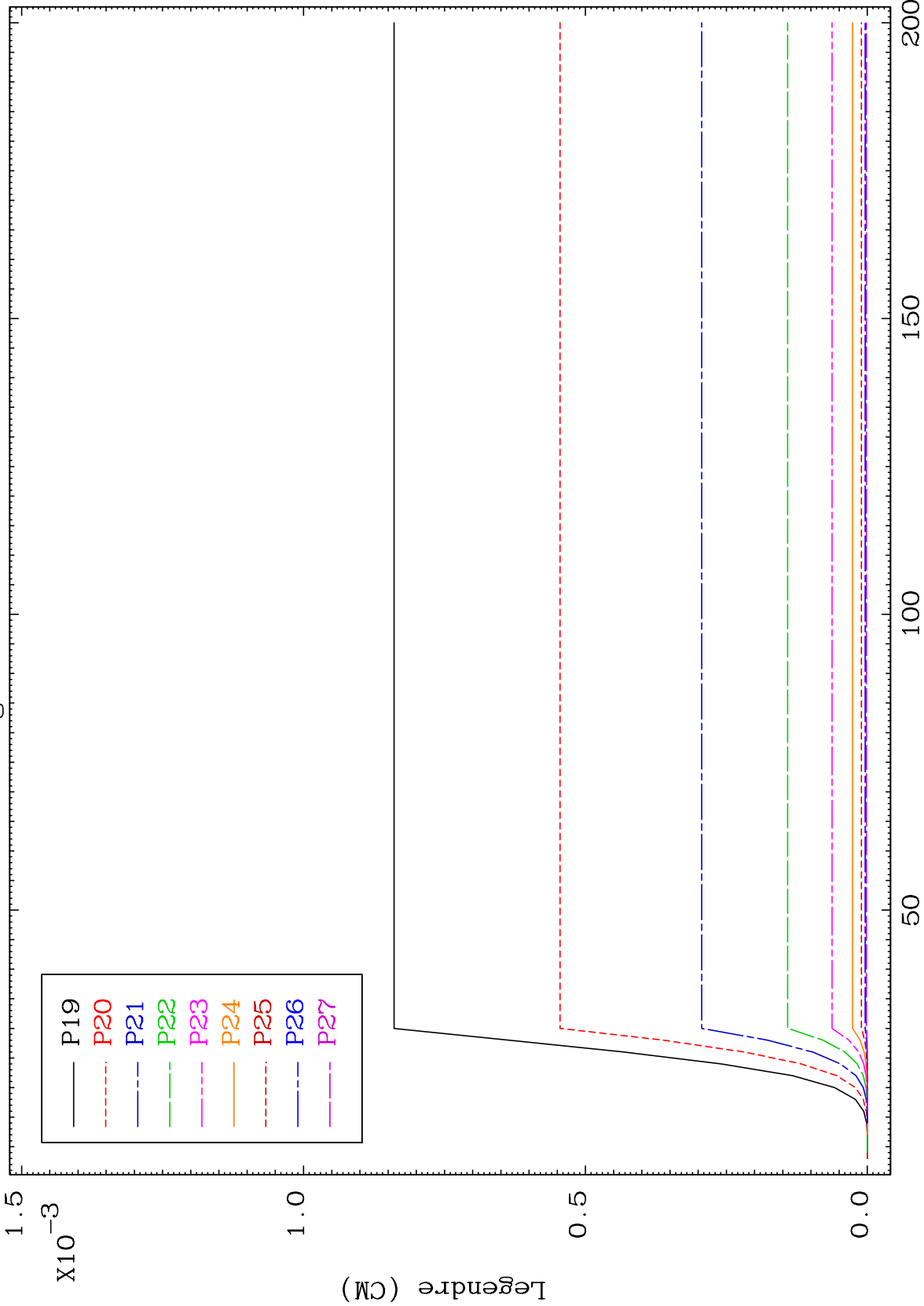
44-Ru-99



MAT 4434

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

44-Ru-99



73

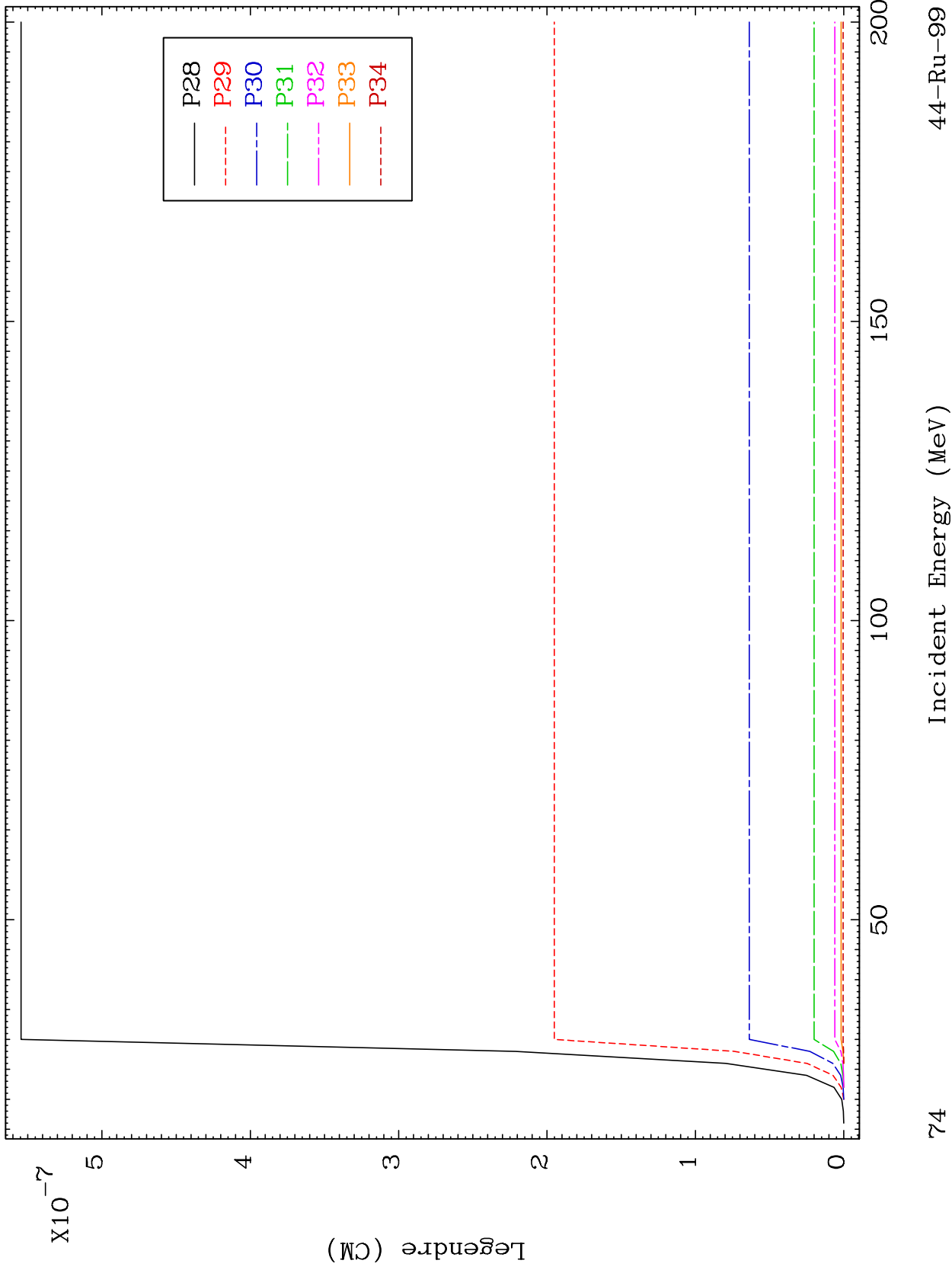
Incident Energy (MeV)

44-Ru-99

MAT 4434

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

44-Ru-99



74

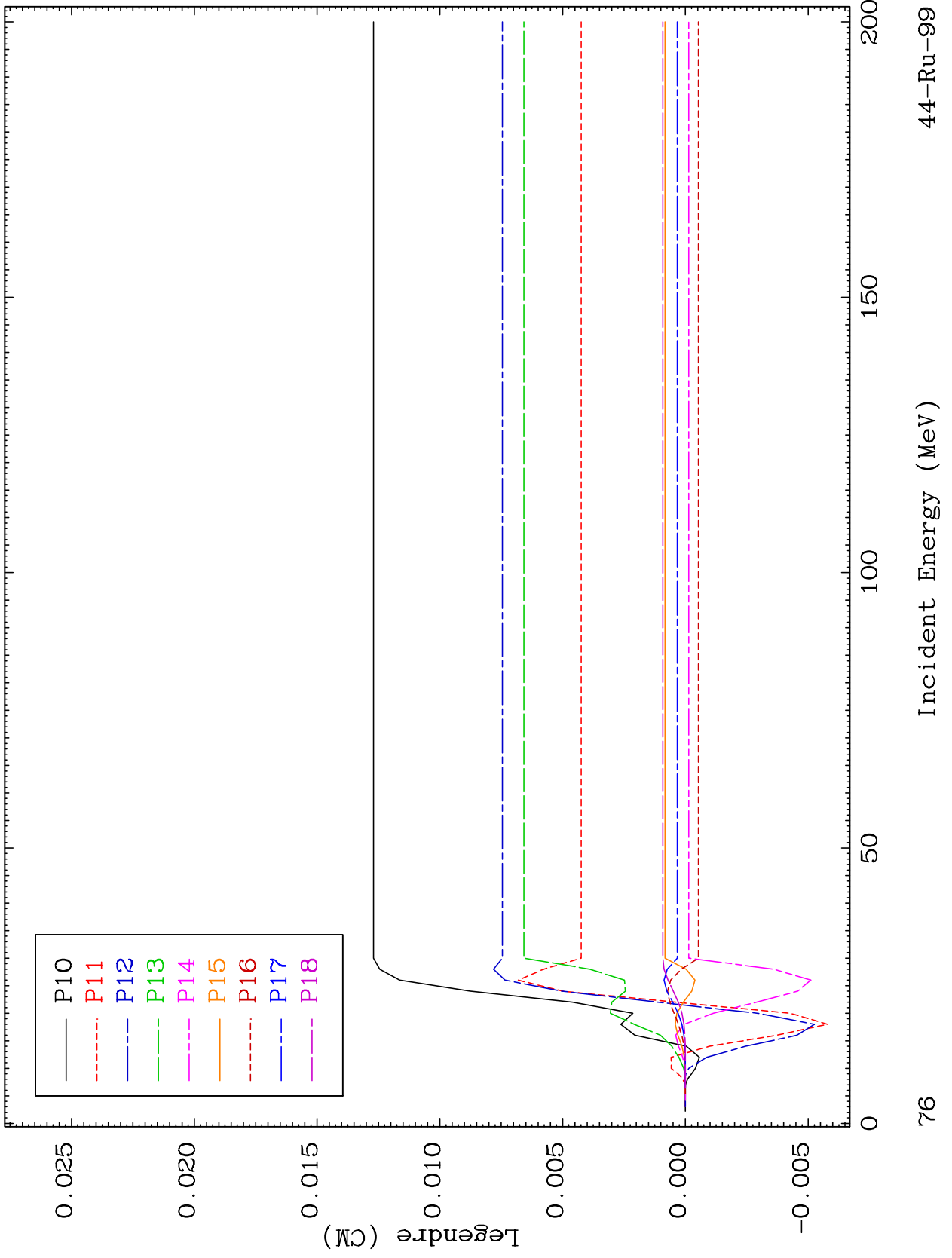
Incident Energy (MeV)

44-Ru-99

MAT 4434

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

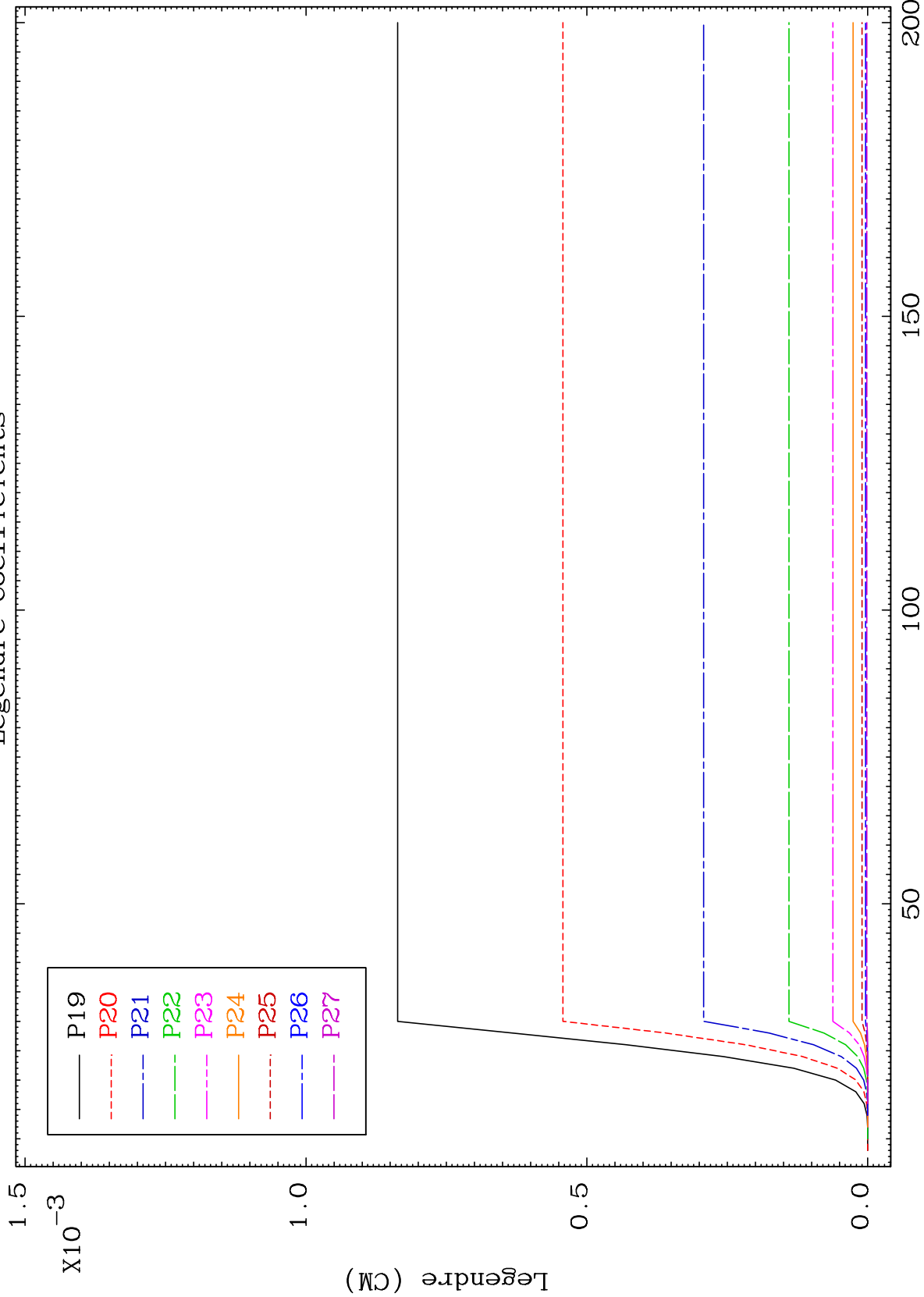
44-Ru-99



76

Incident Energy (MeV)

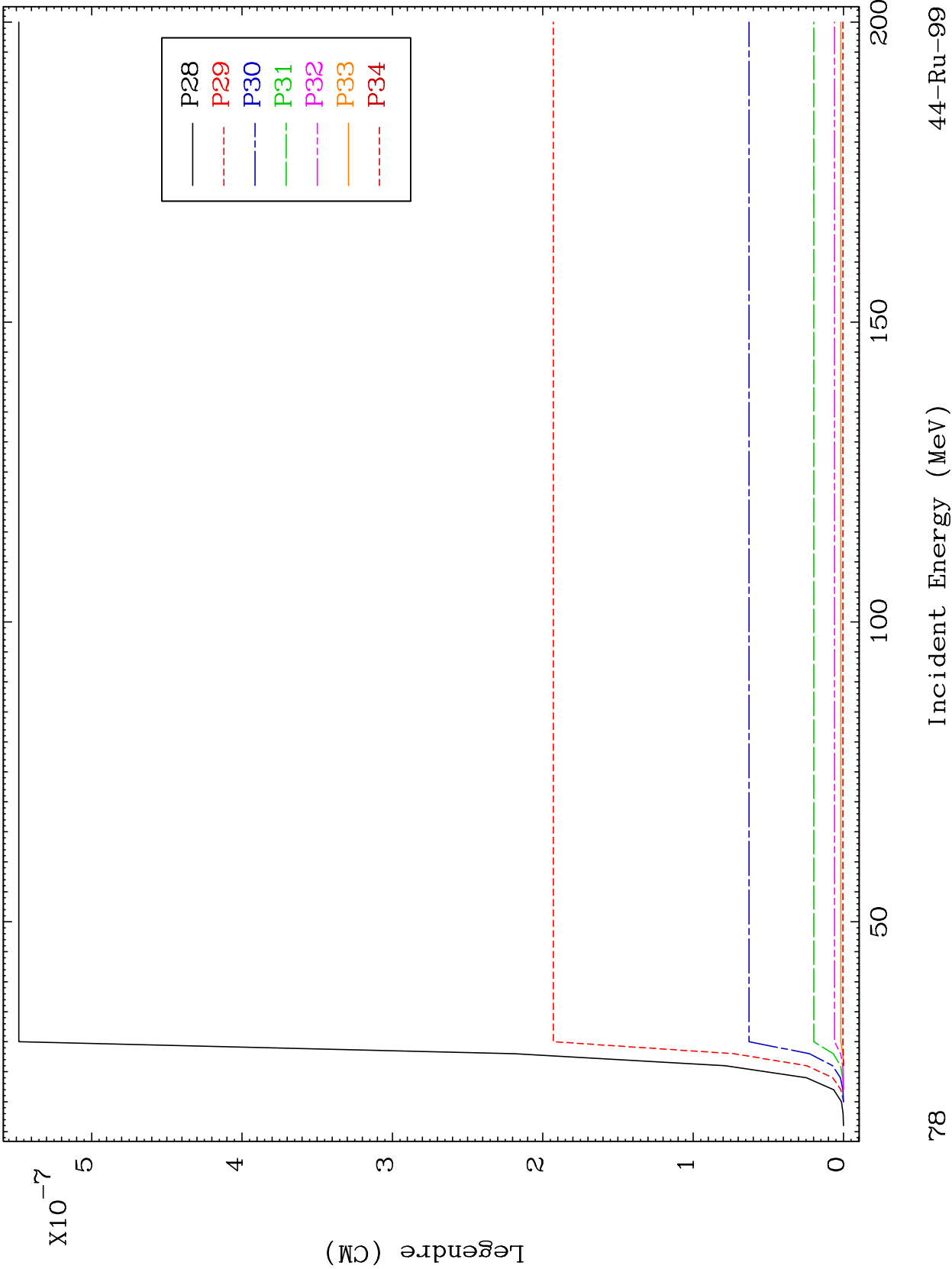
44-Ru-99



MAT 4434

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

44-Ru-99



78

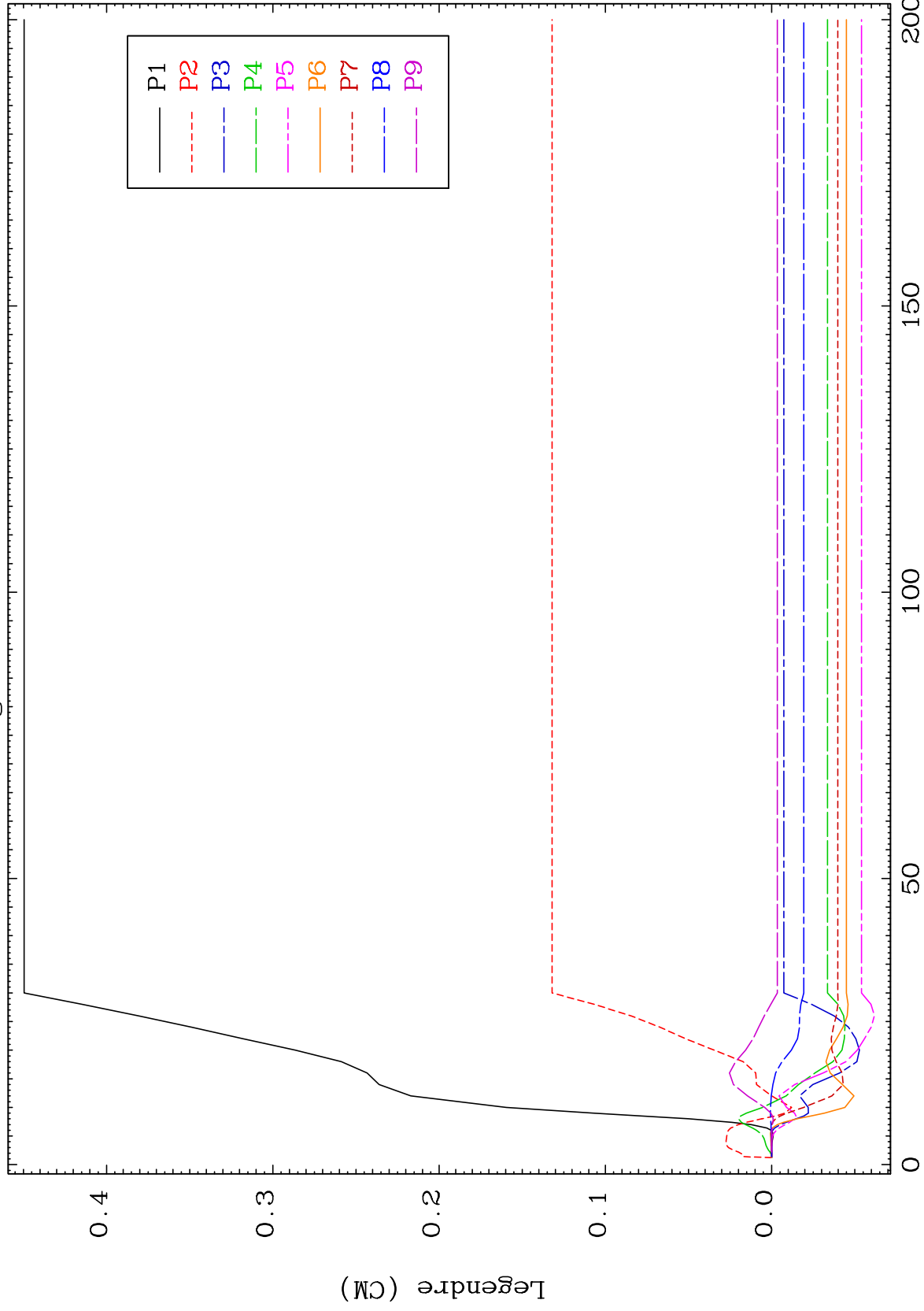
Incident Energy (MeV)

44-Ru-99

MAT 4434

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

44-Ru-99



79

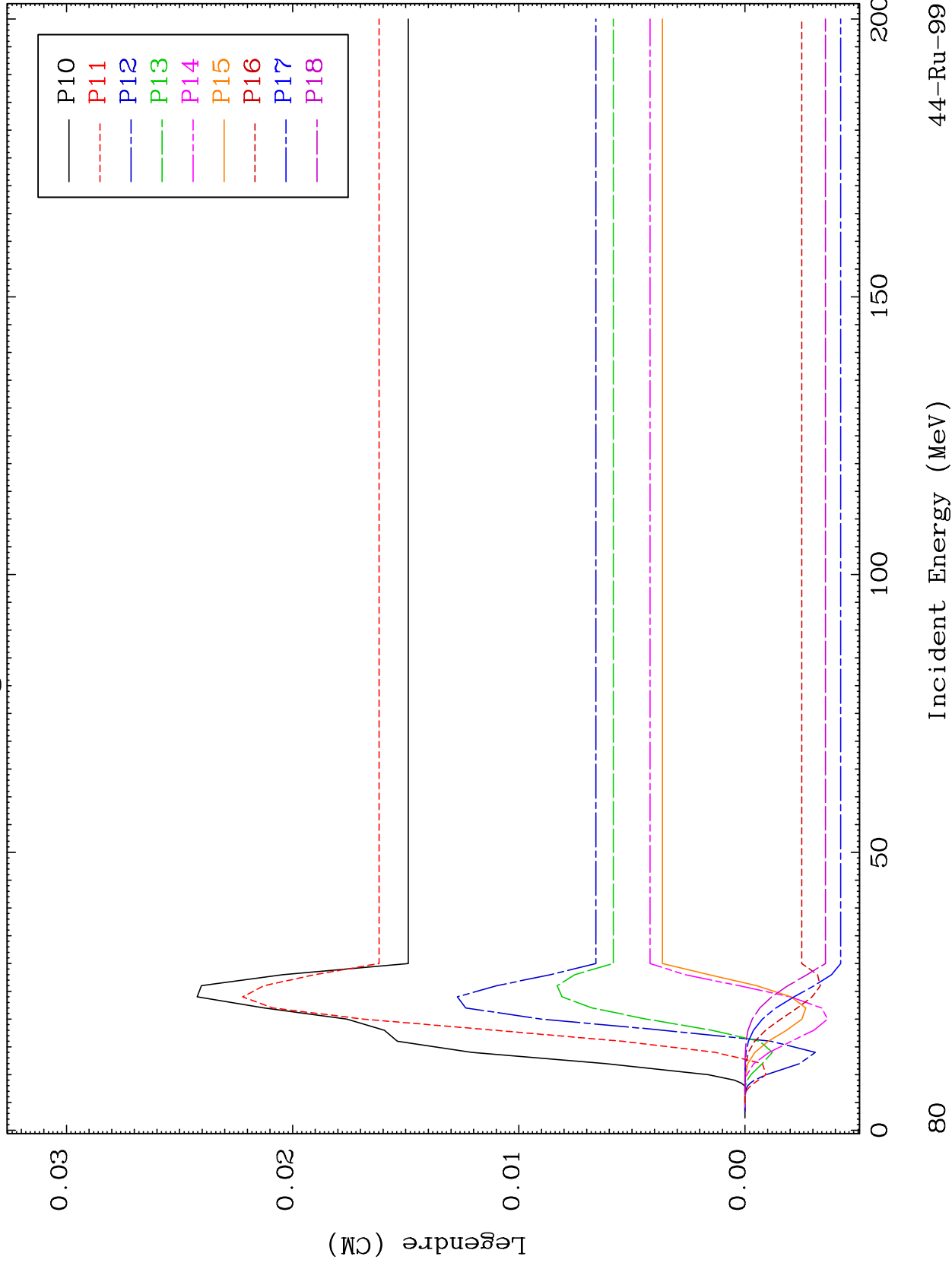
Incident Energy (MeV)

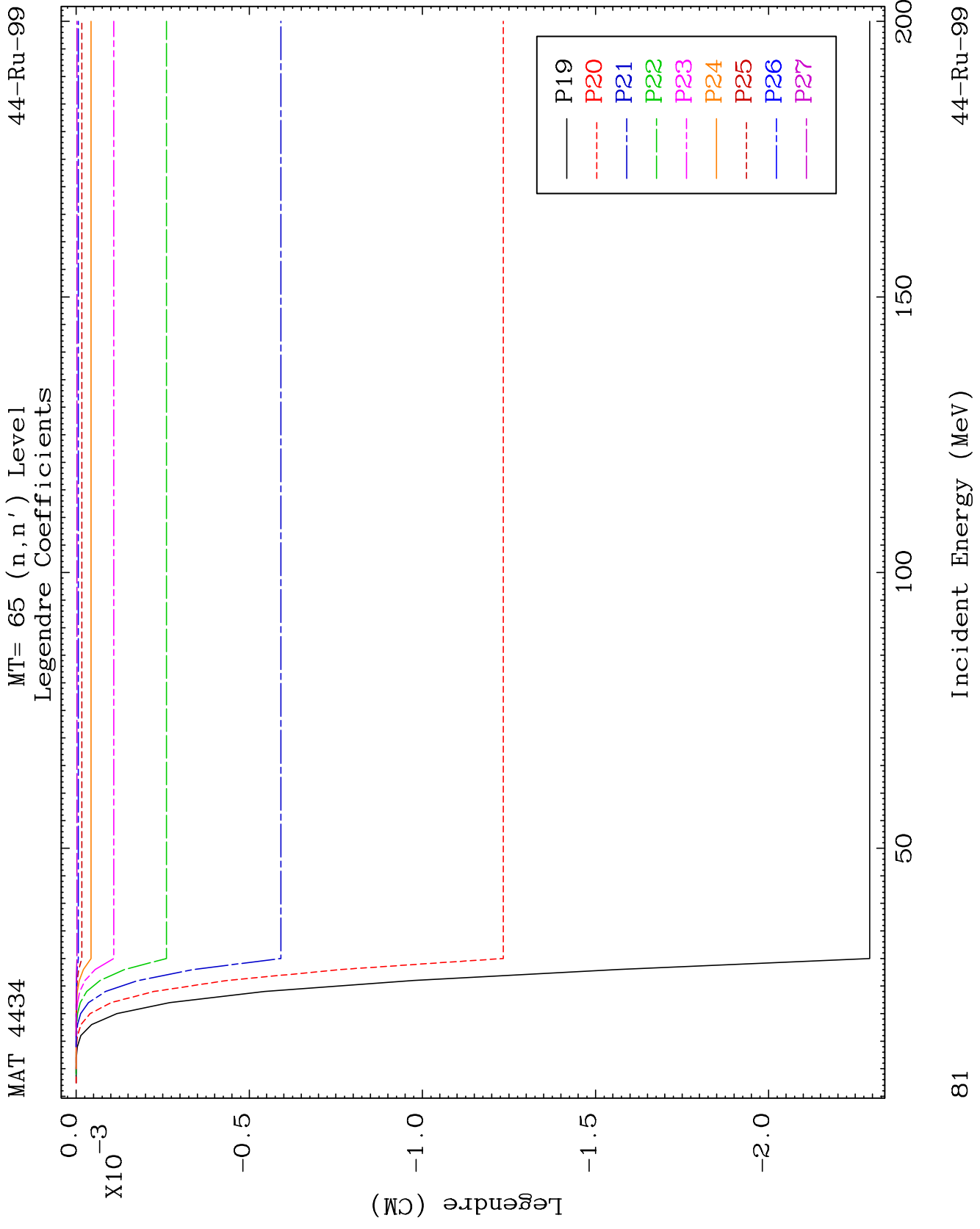
44-Ru-99

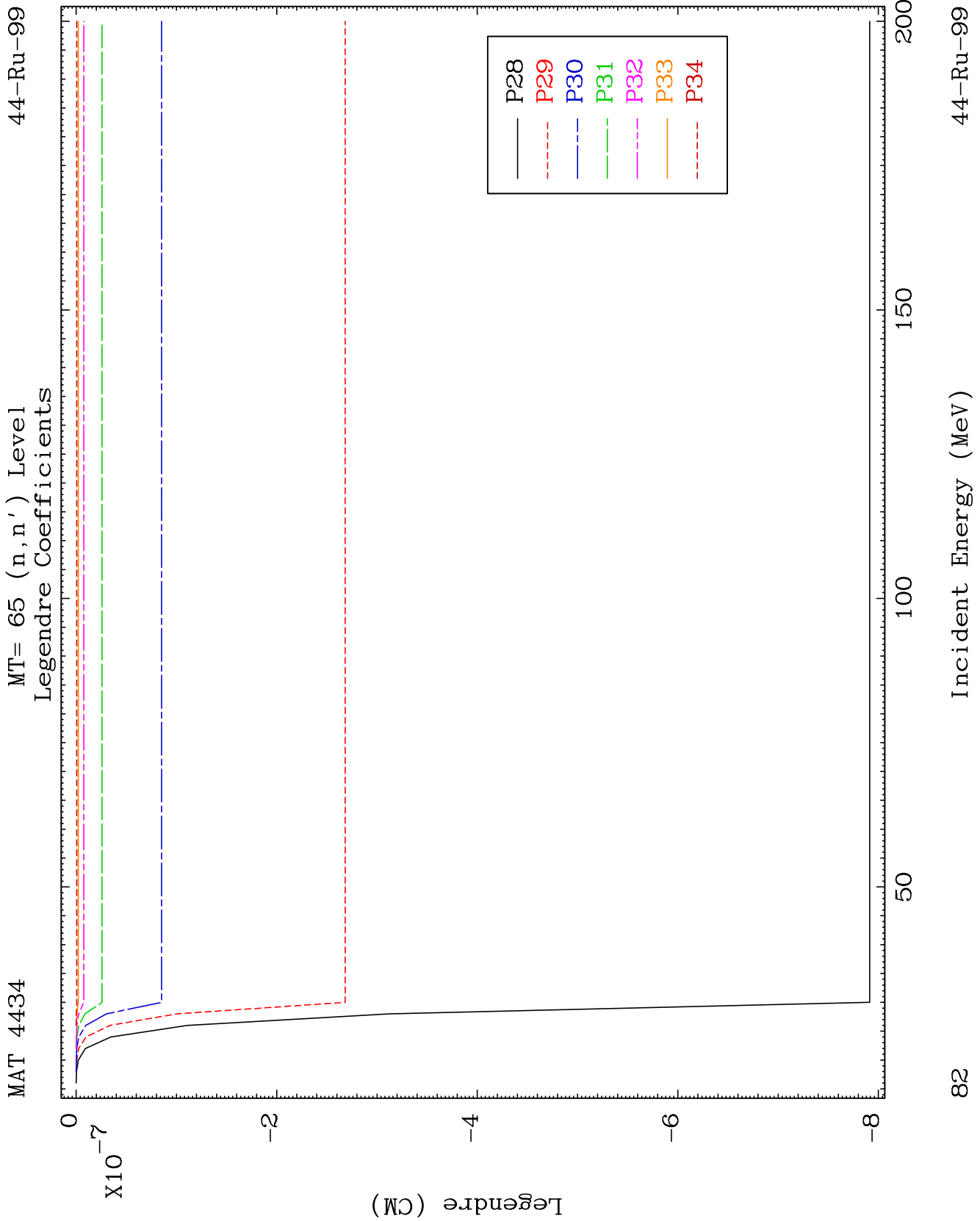
MAT 4434

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

44-Ru-99





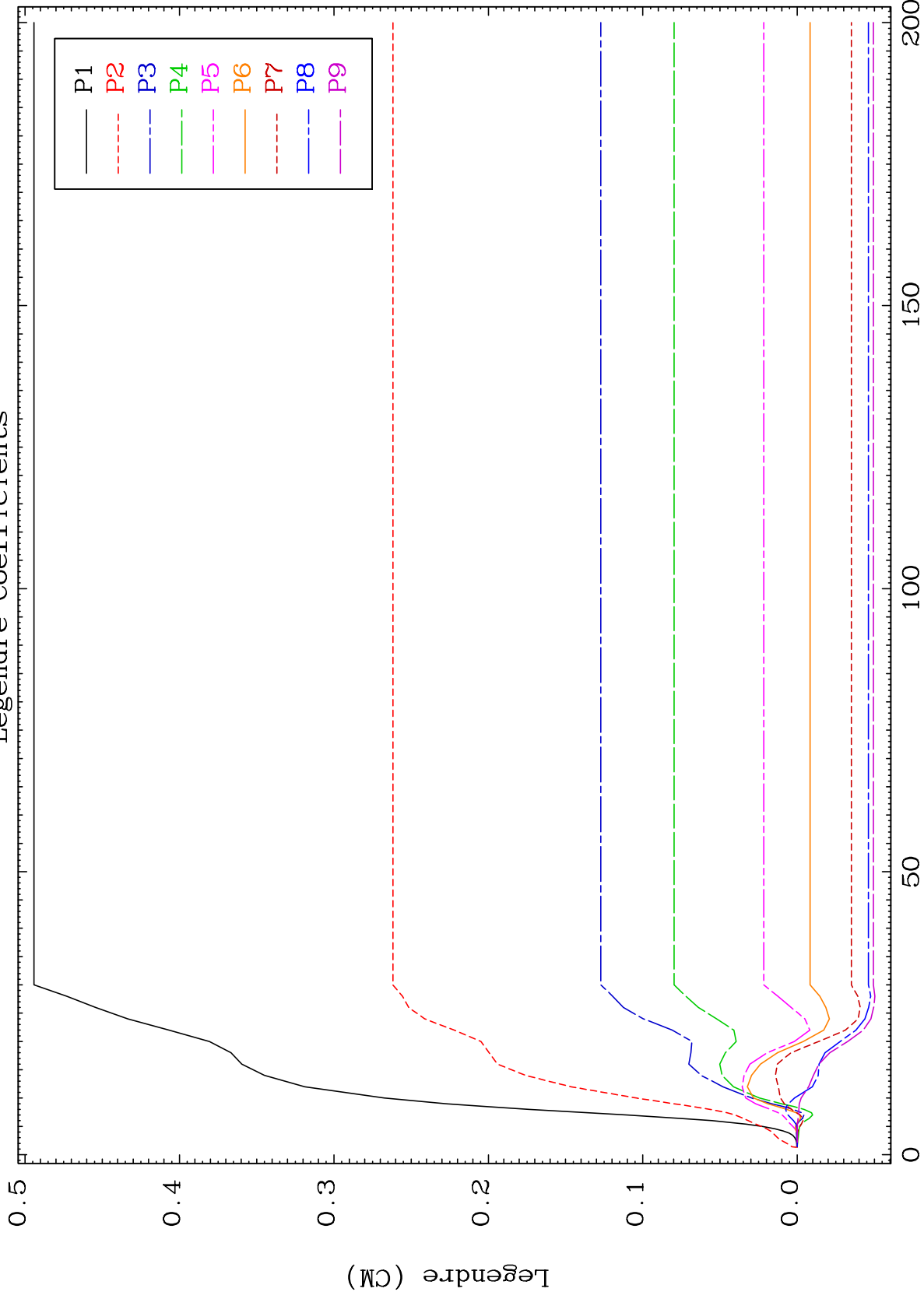


MAT 4434

MT= 66 (n,n') Level

44-Ru-99

Legendre Coefficients



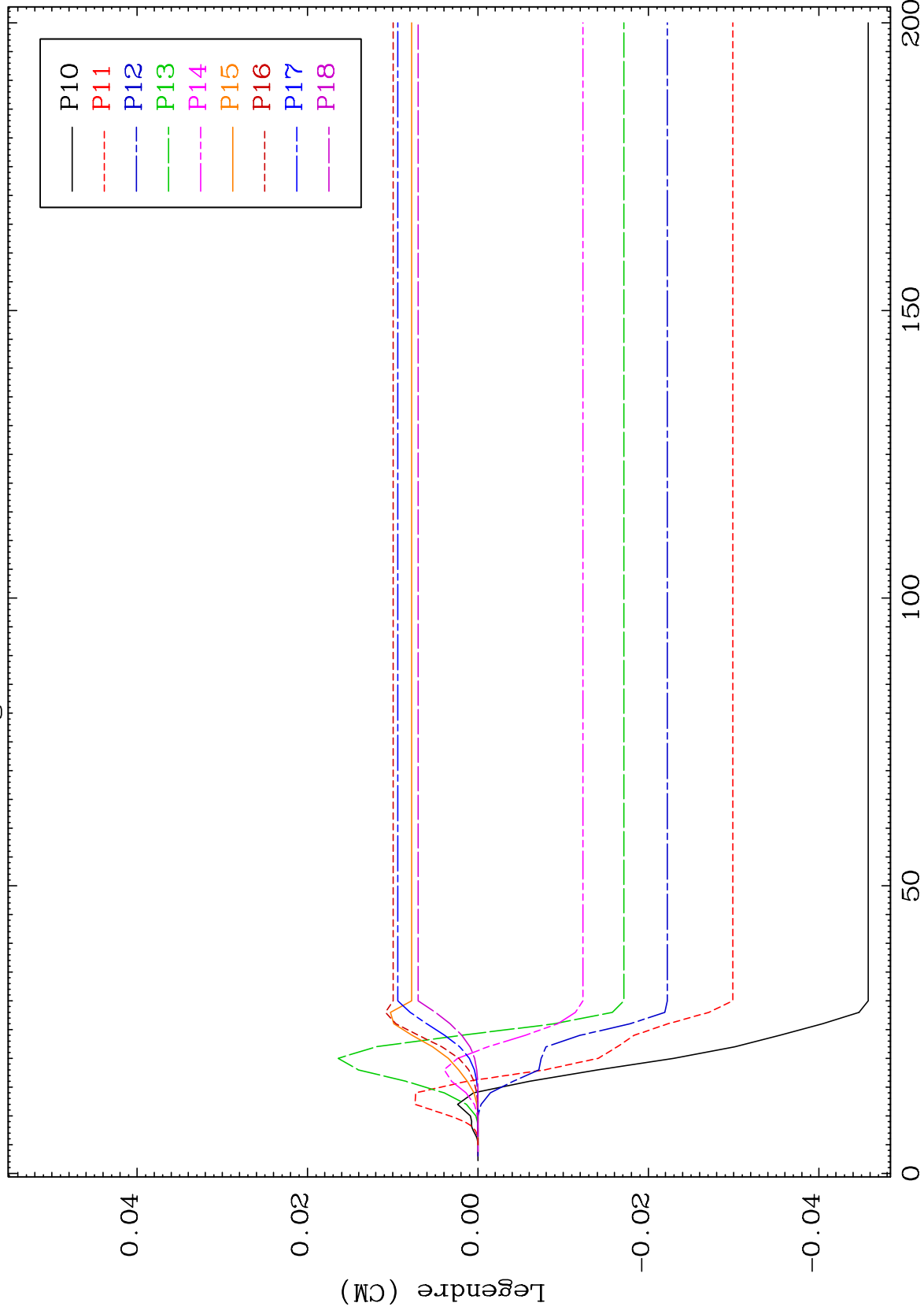
83

44-Ru-99

MAT 4434

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

44-Ru-99



84

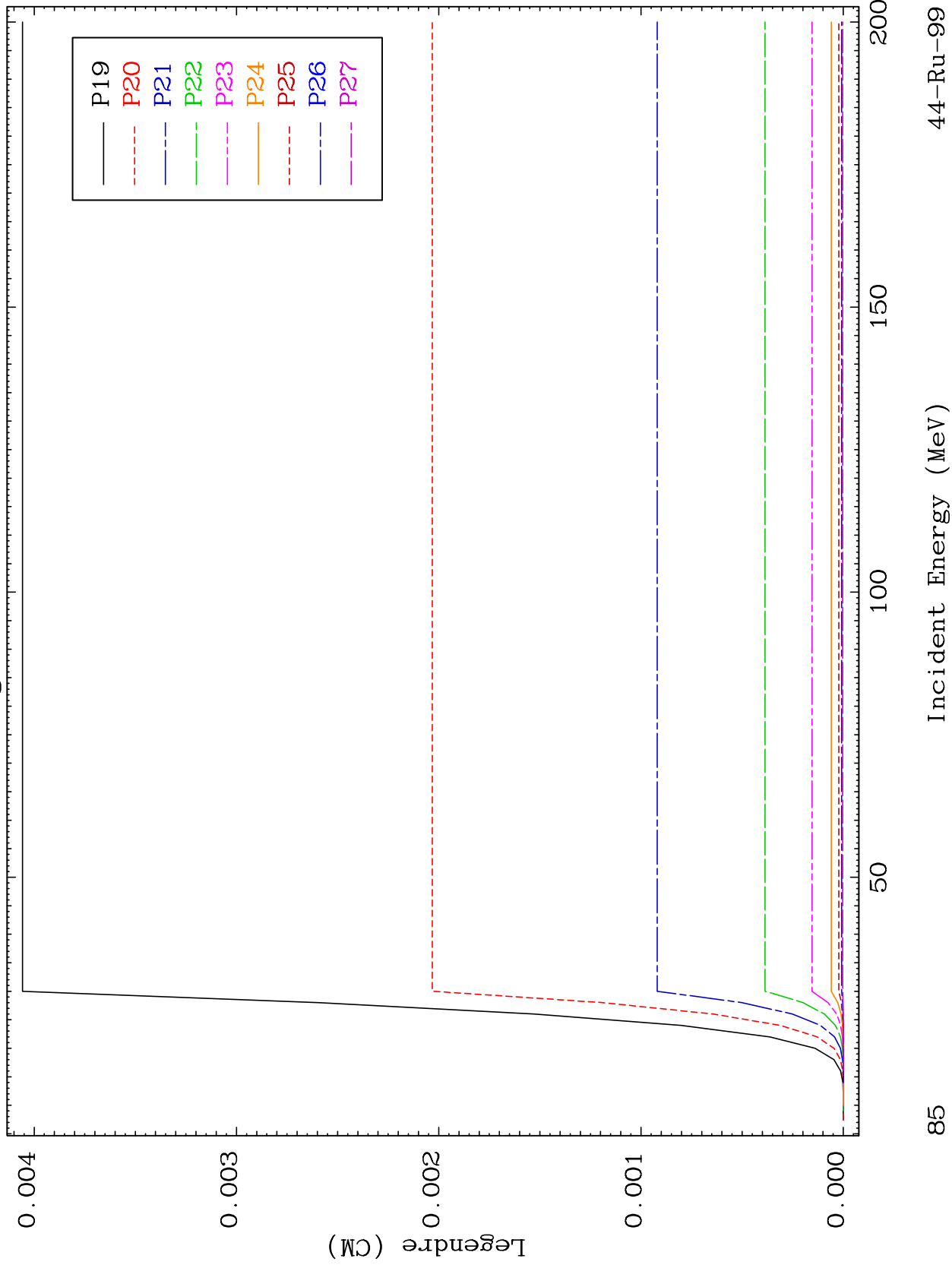
Incident Energy (MeV)

44-Ru-99

MAT 4434

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

44-Ru-99



85

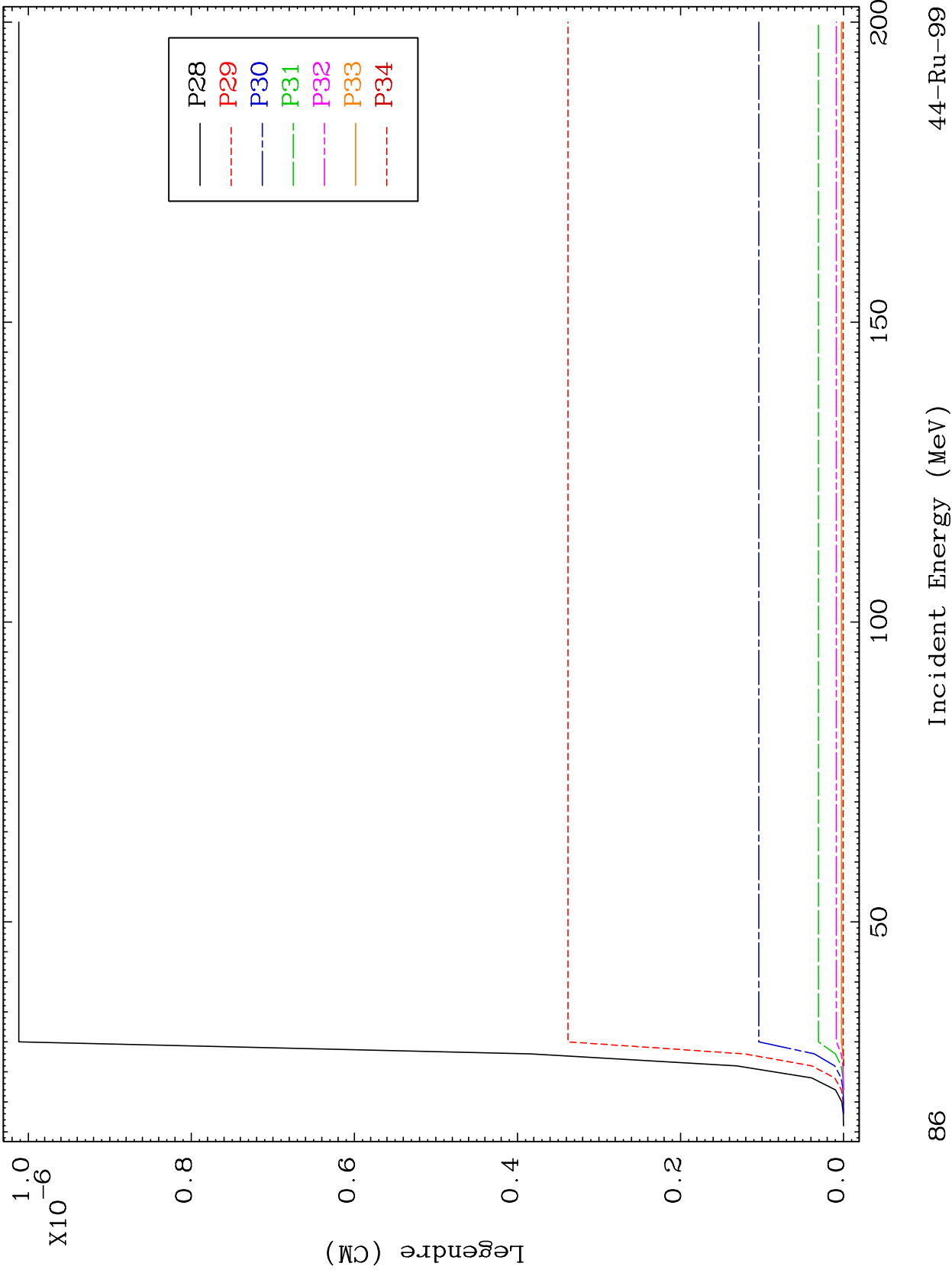
Incident Energy (MeV)

44-Ru-99

MAT 4434

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

44-Ru-99

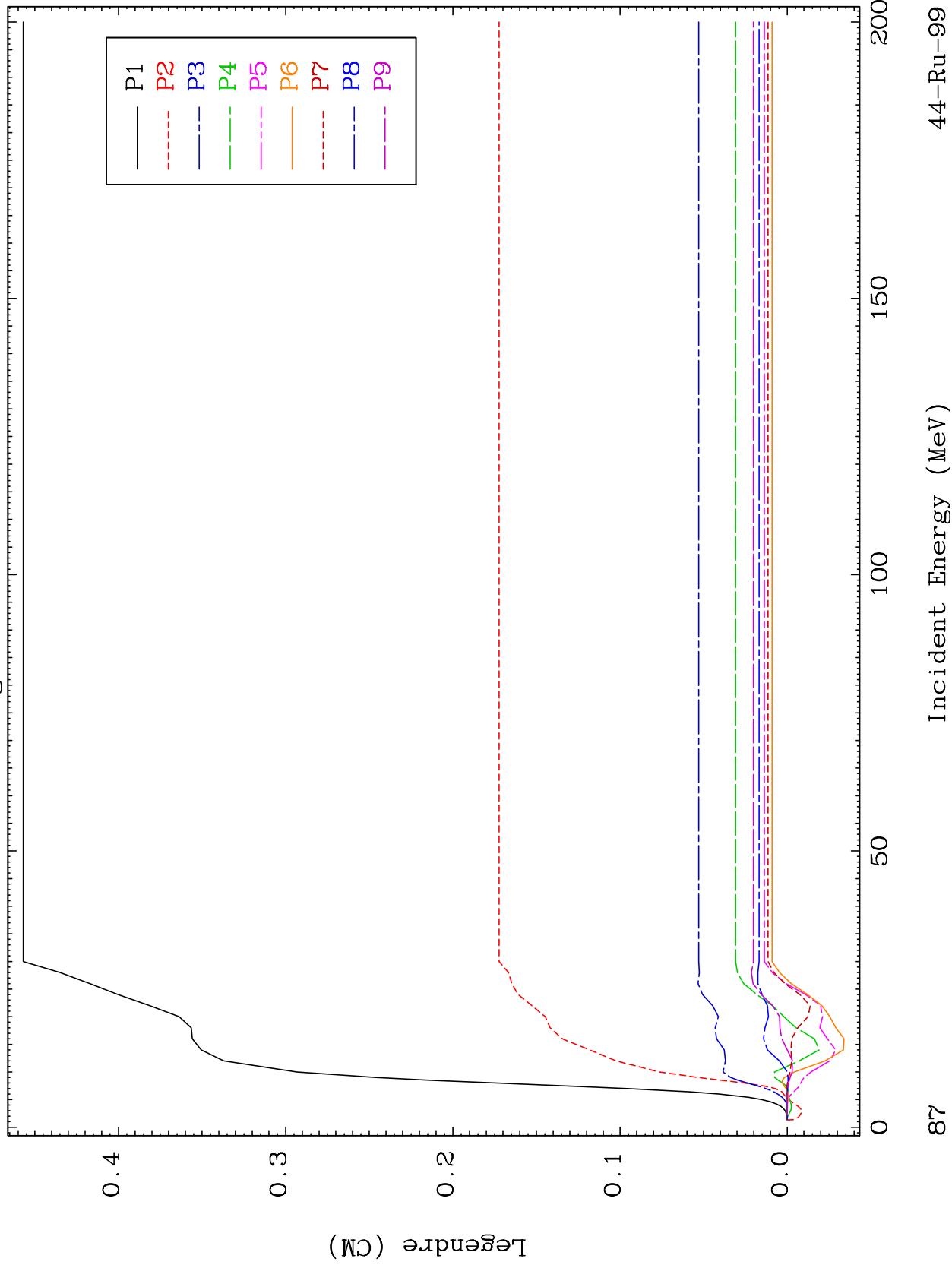


86

MAT 4434

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

44-Ru-99



44-Ru-99

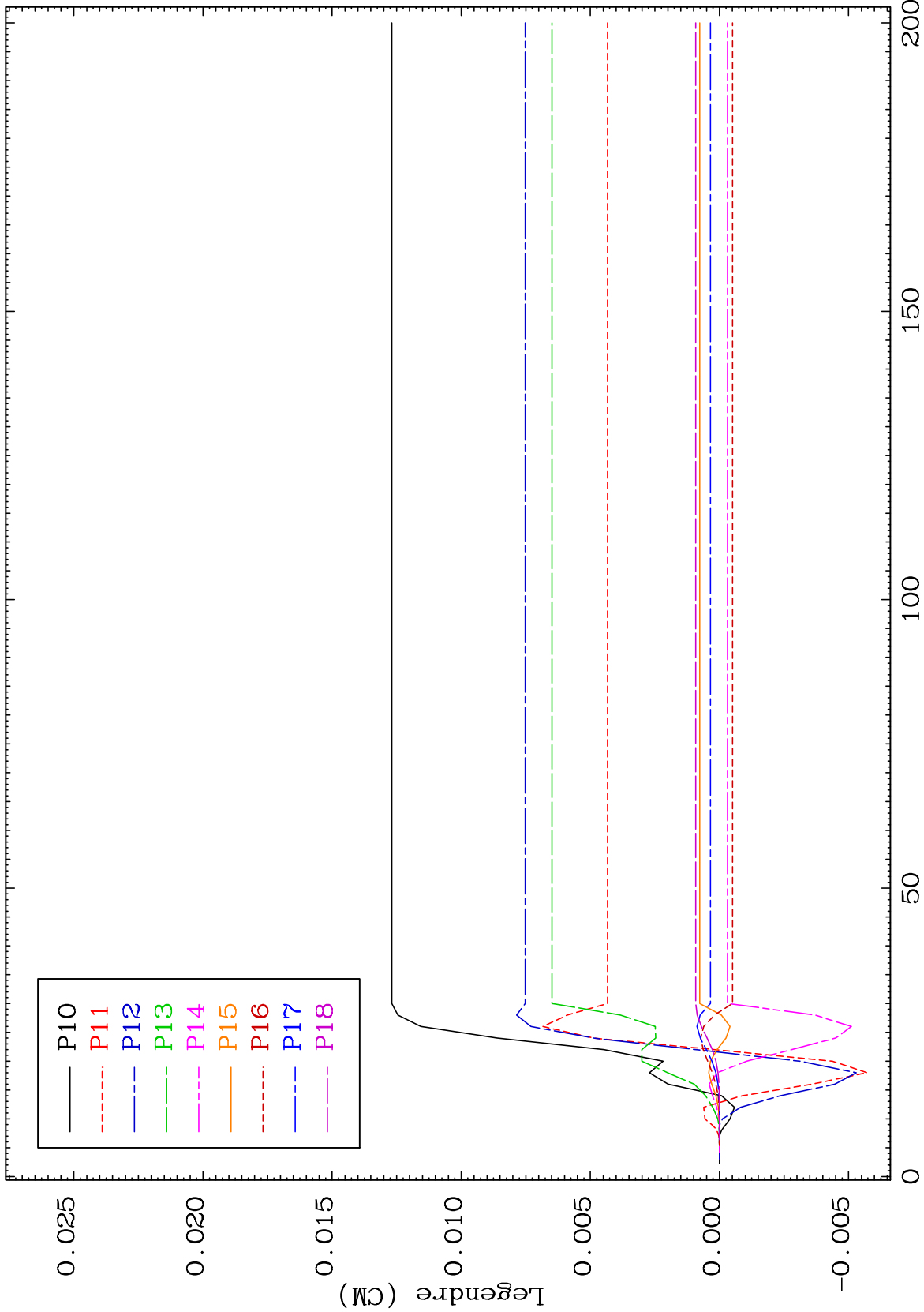
Incident Energy (MeV)

87

MAT 4434

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

44-Ru-99



88

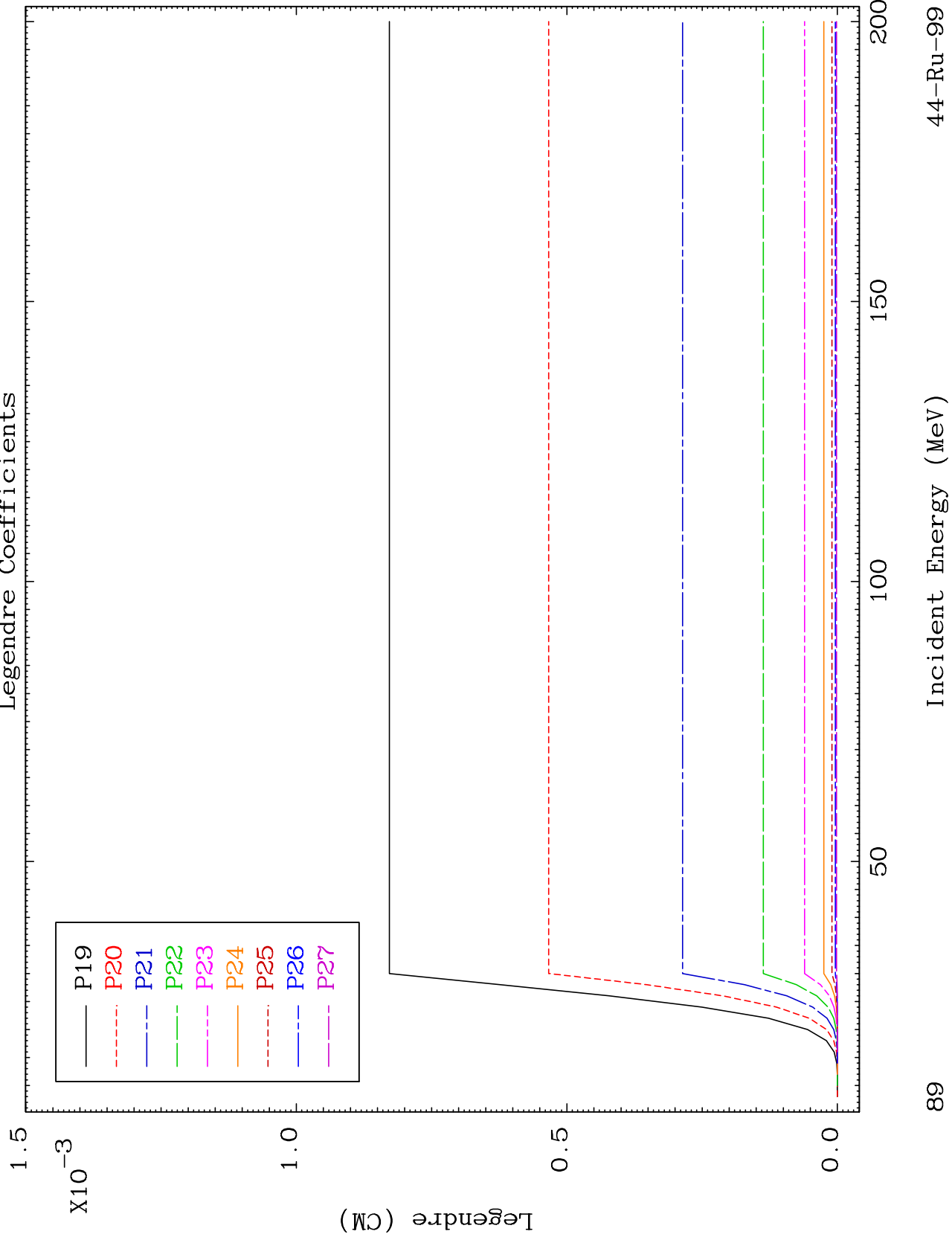
Incident Energy (MeV)

44-Ru-99

MAT 4434

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

44-Ru-99



89

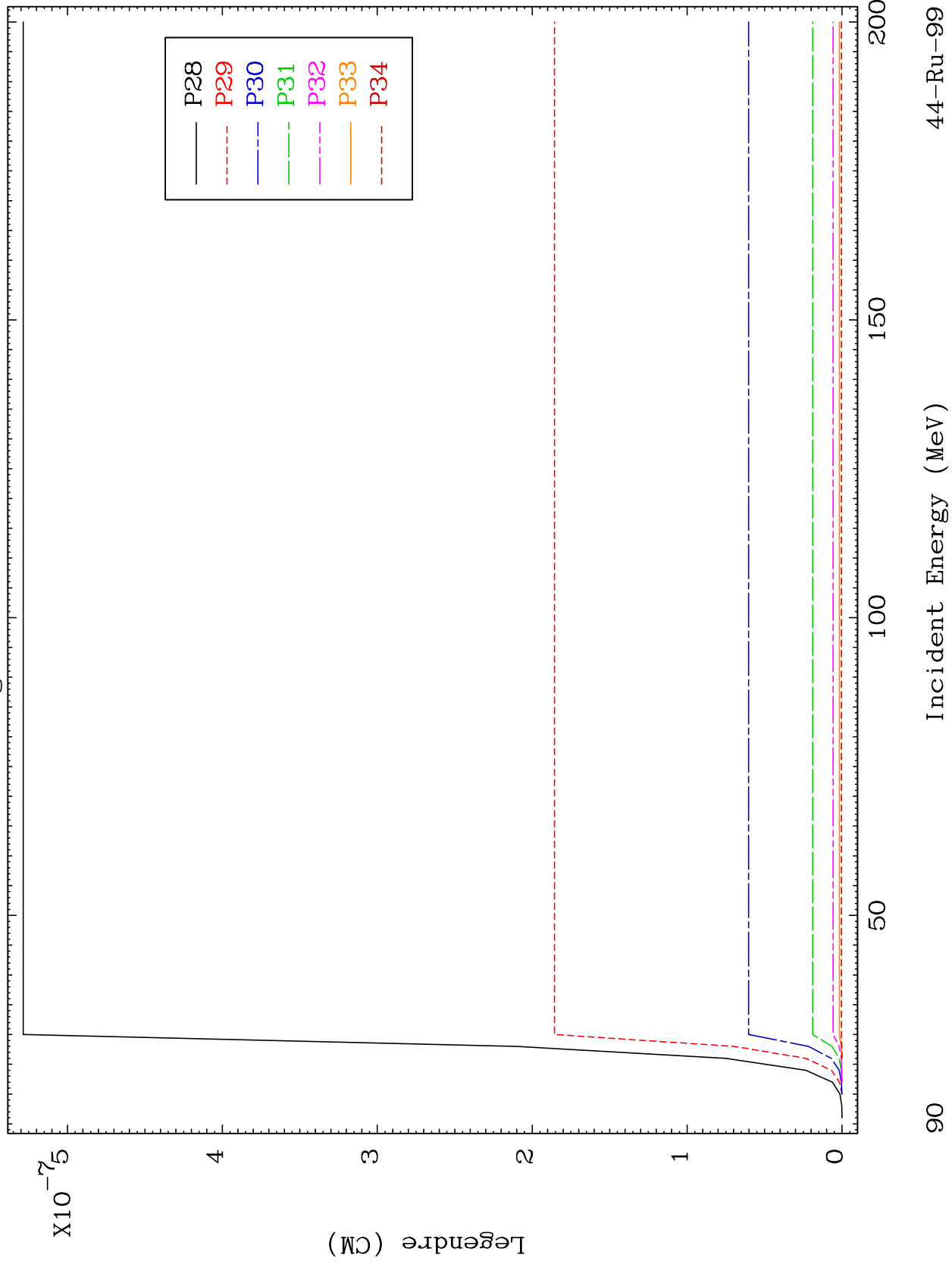
Incident Energy (MeV)

44-Ru-99

MAT 4434

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

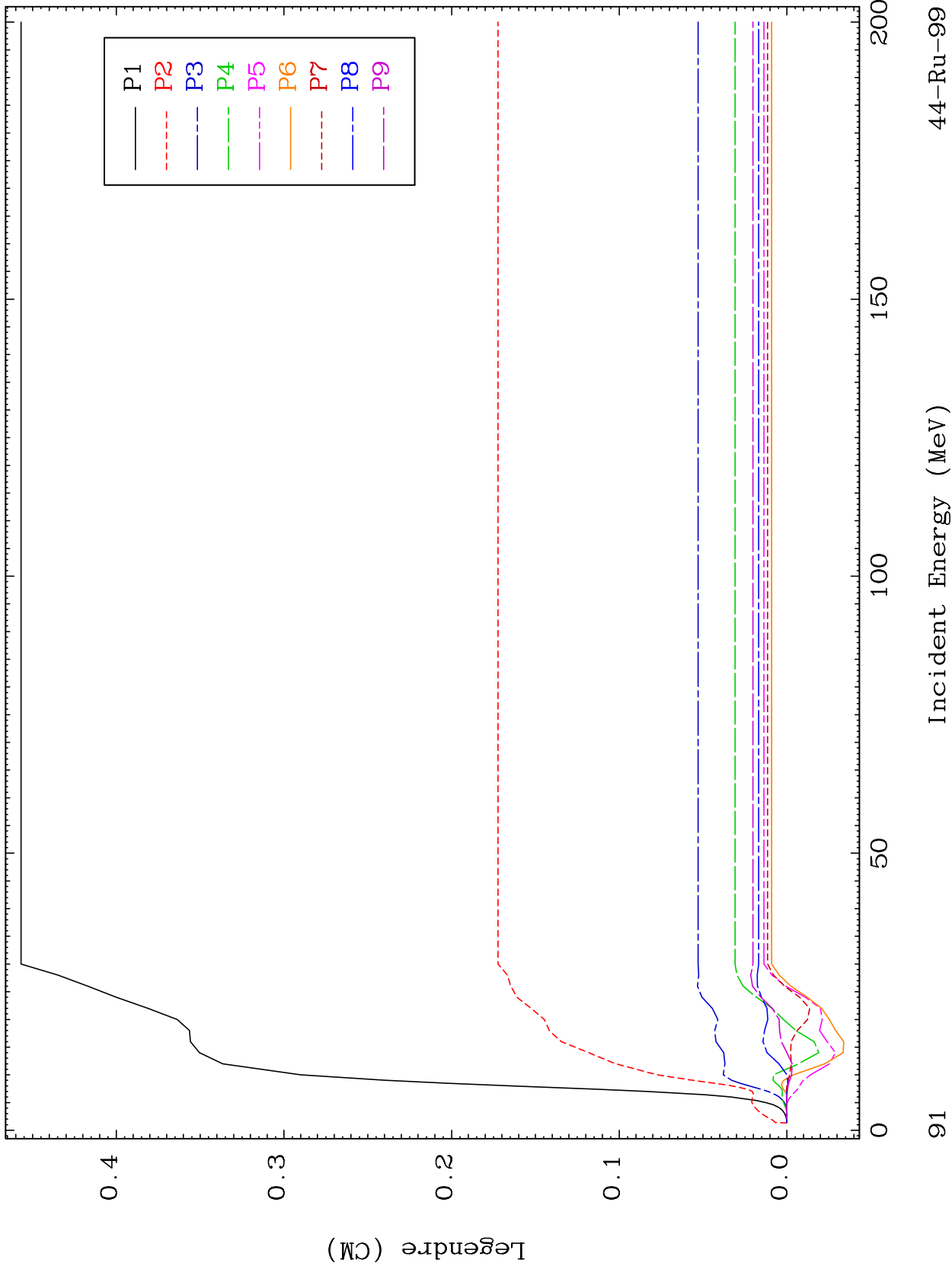
44-Ru-99



MAT 4434

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

44-Ru-99



91

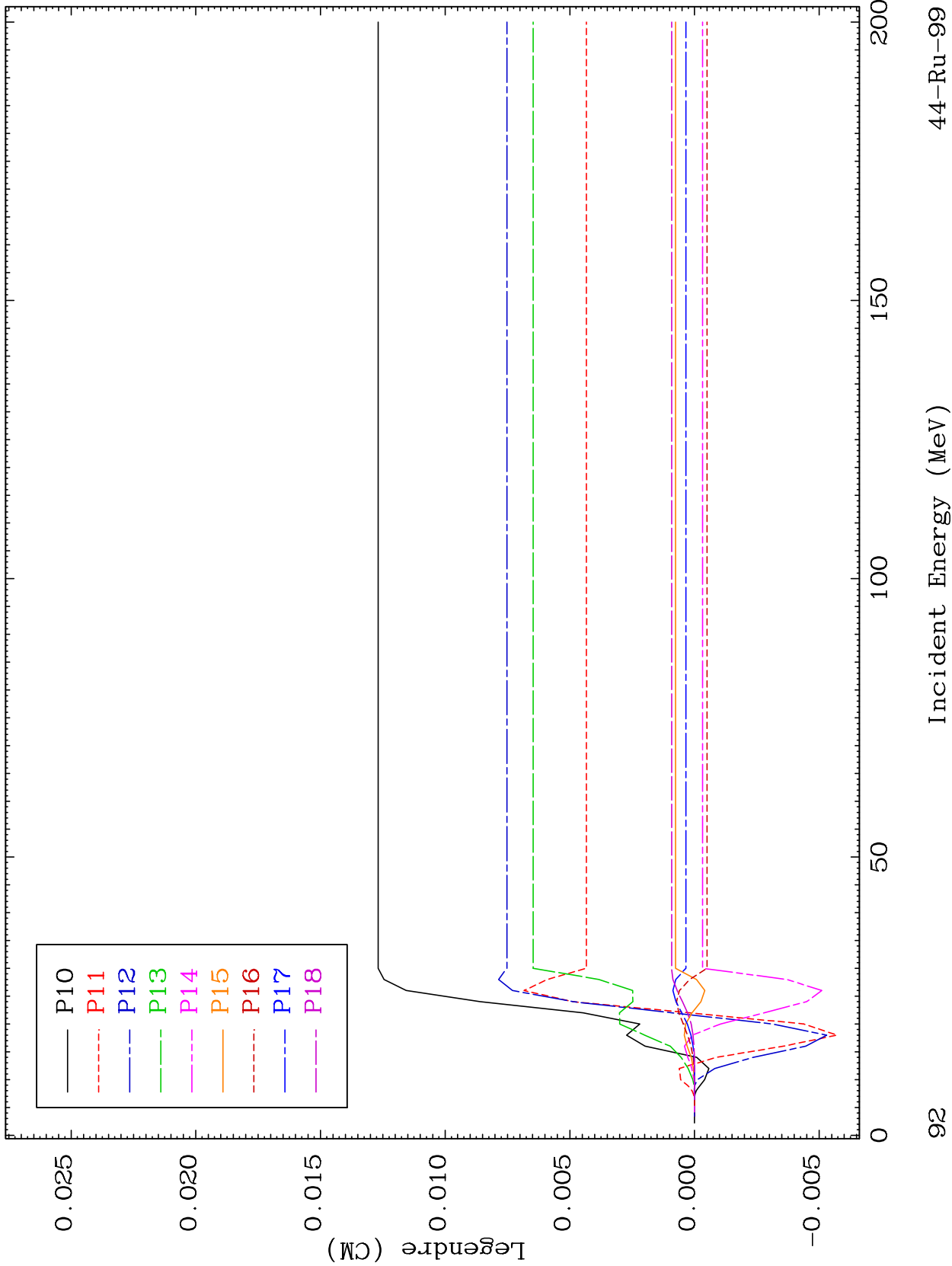
Incident Energy (MeV)

44-Ru-99

MAT 4434

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

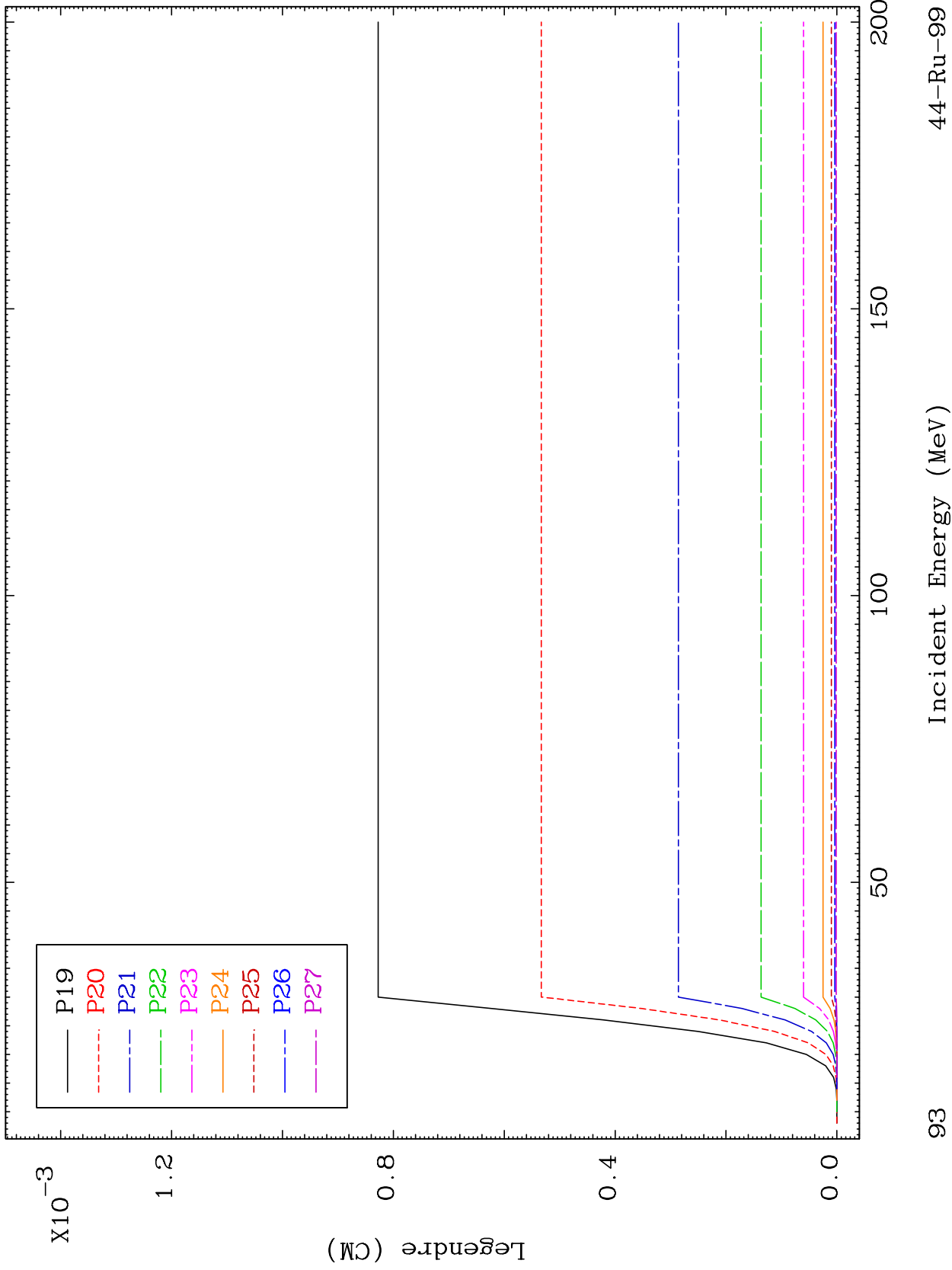
44-Ru-99



92

Incident Energy (MeV)

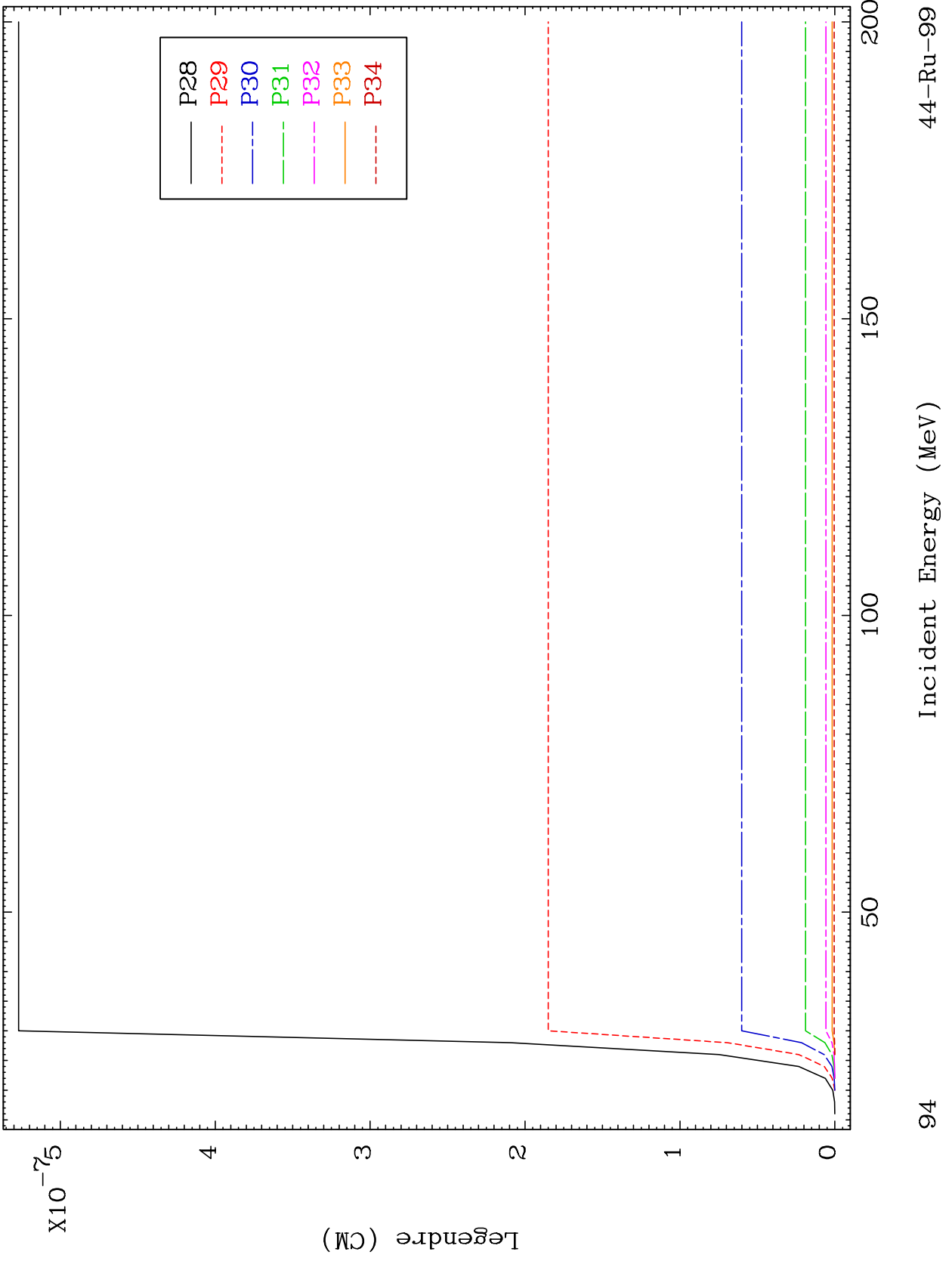
44-Ru-99

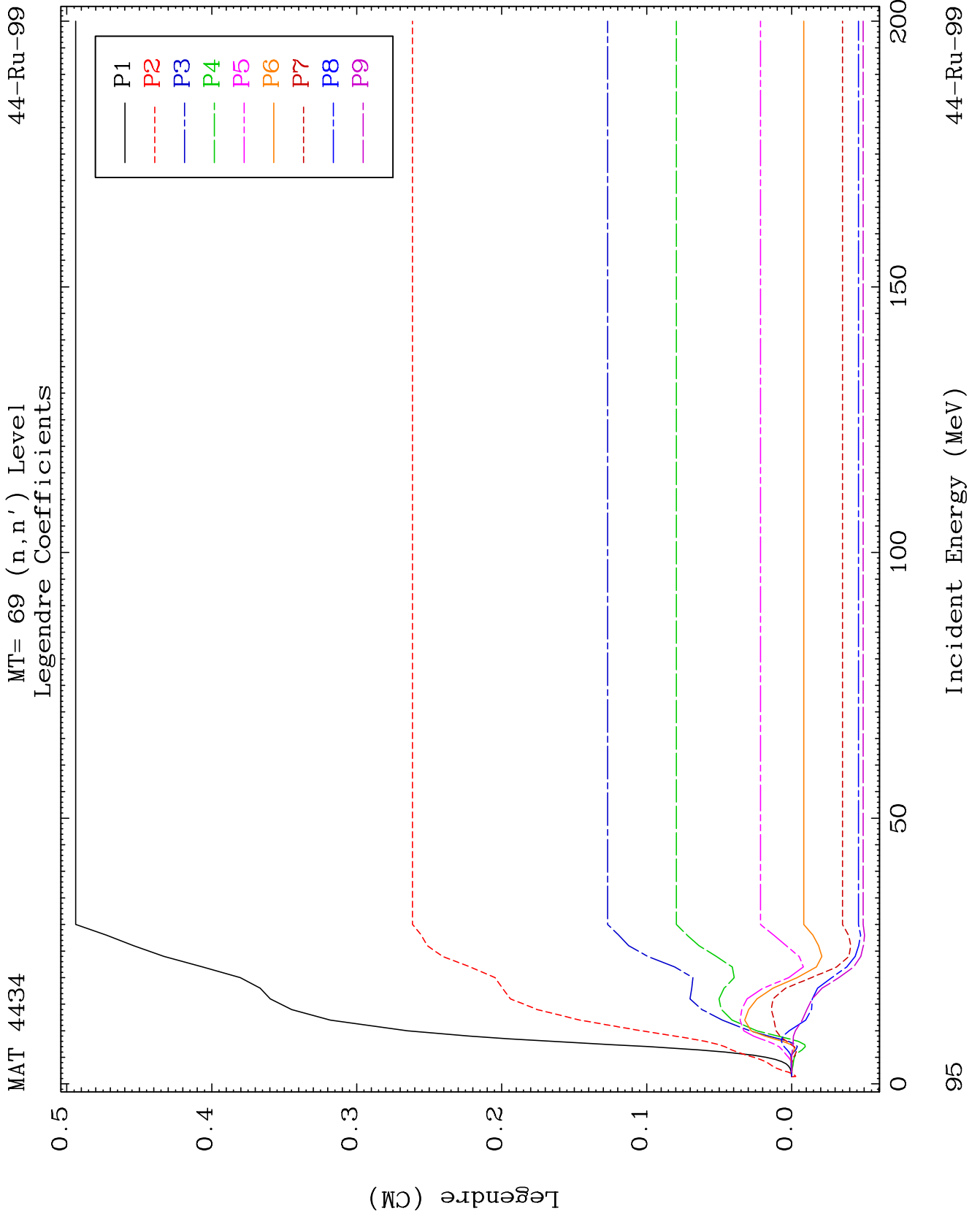


MAT 4434

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

44-Ru-99

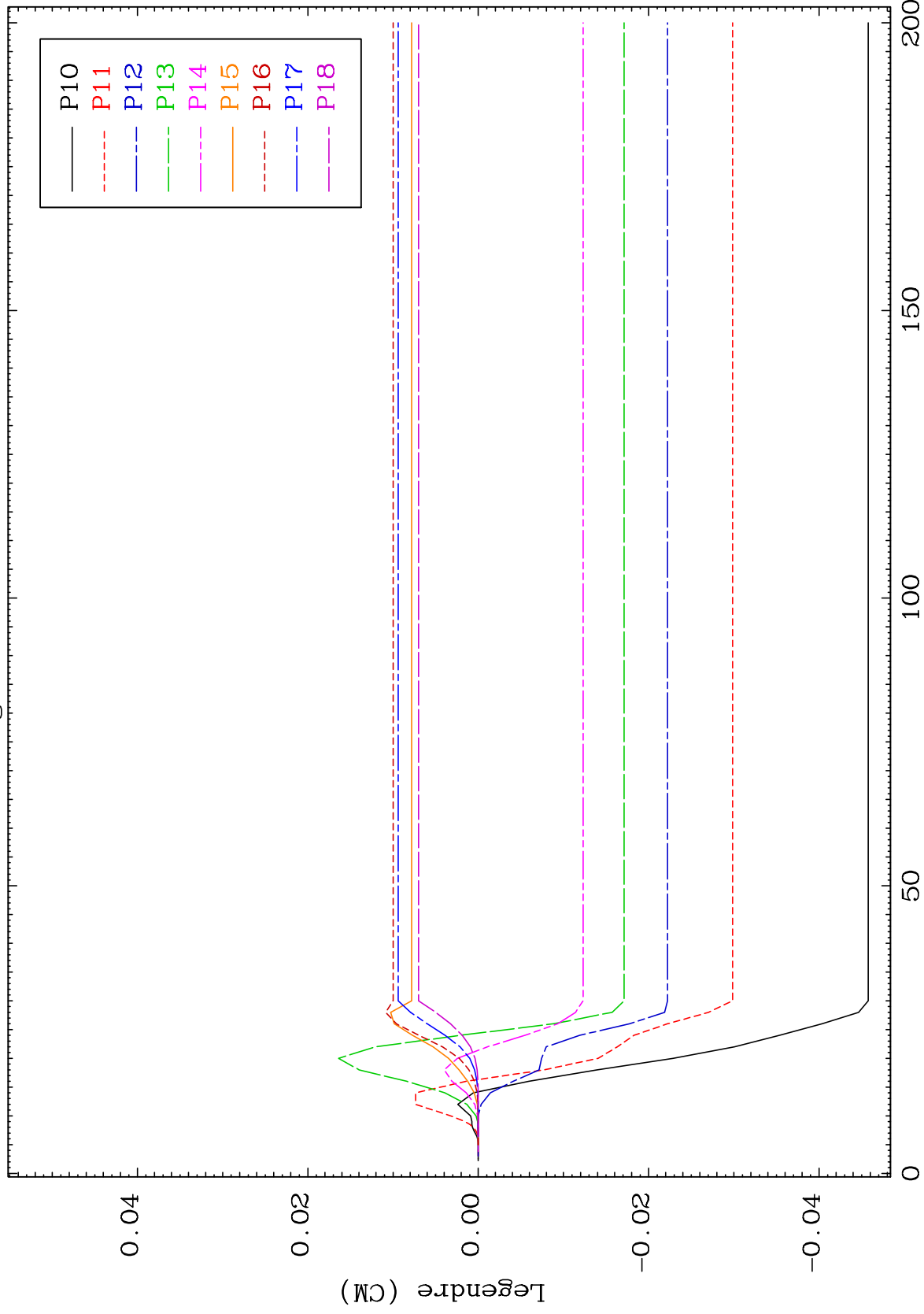




MAT 4434

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

44-Ru-99



96

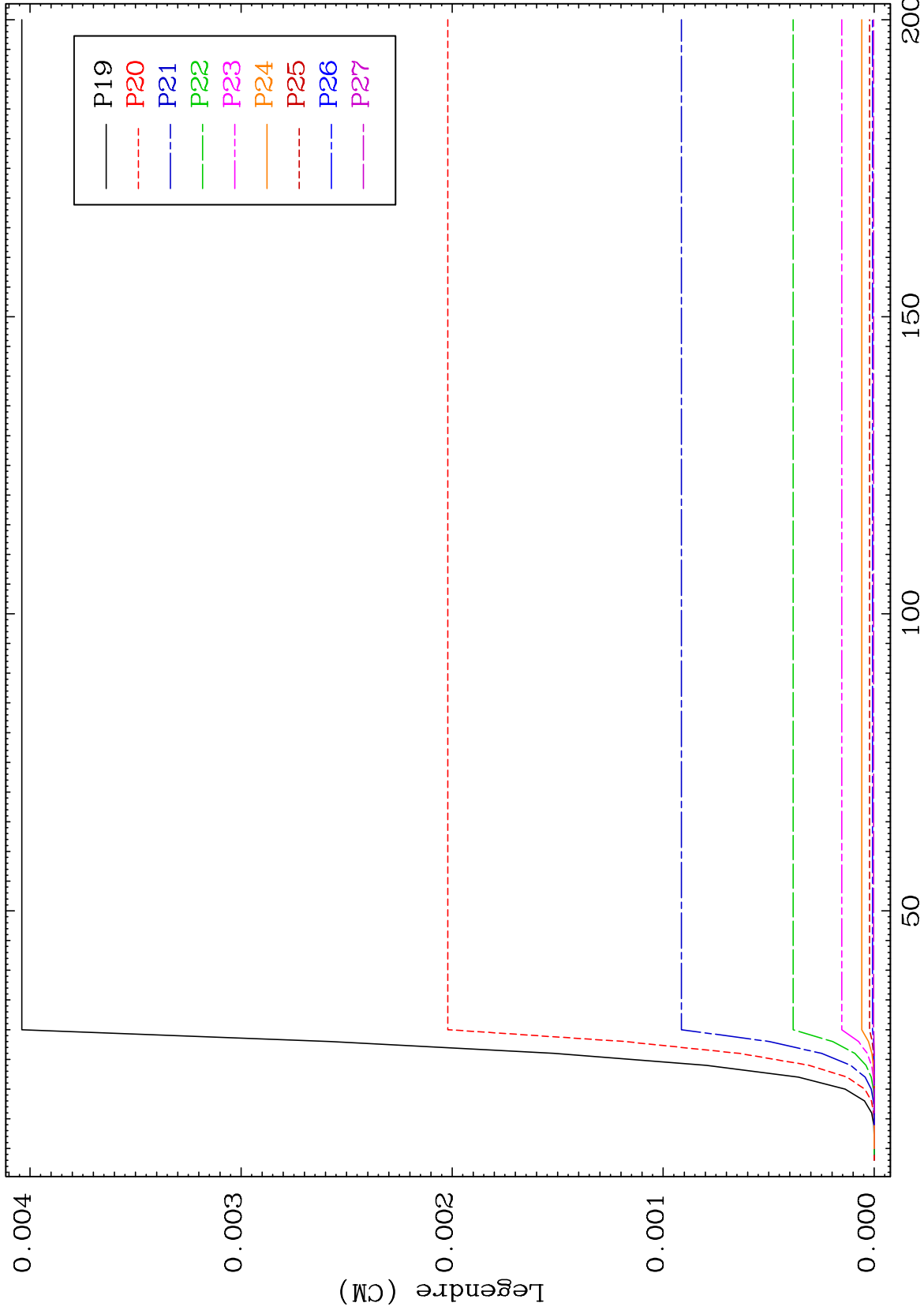
Incident Energy (MeV)

44-Ru-99

MAT 4434

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

44-Ru-99



97

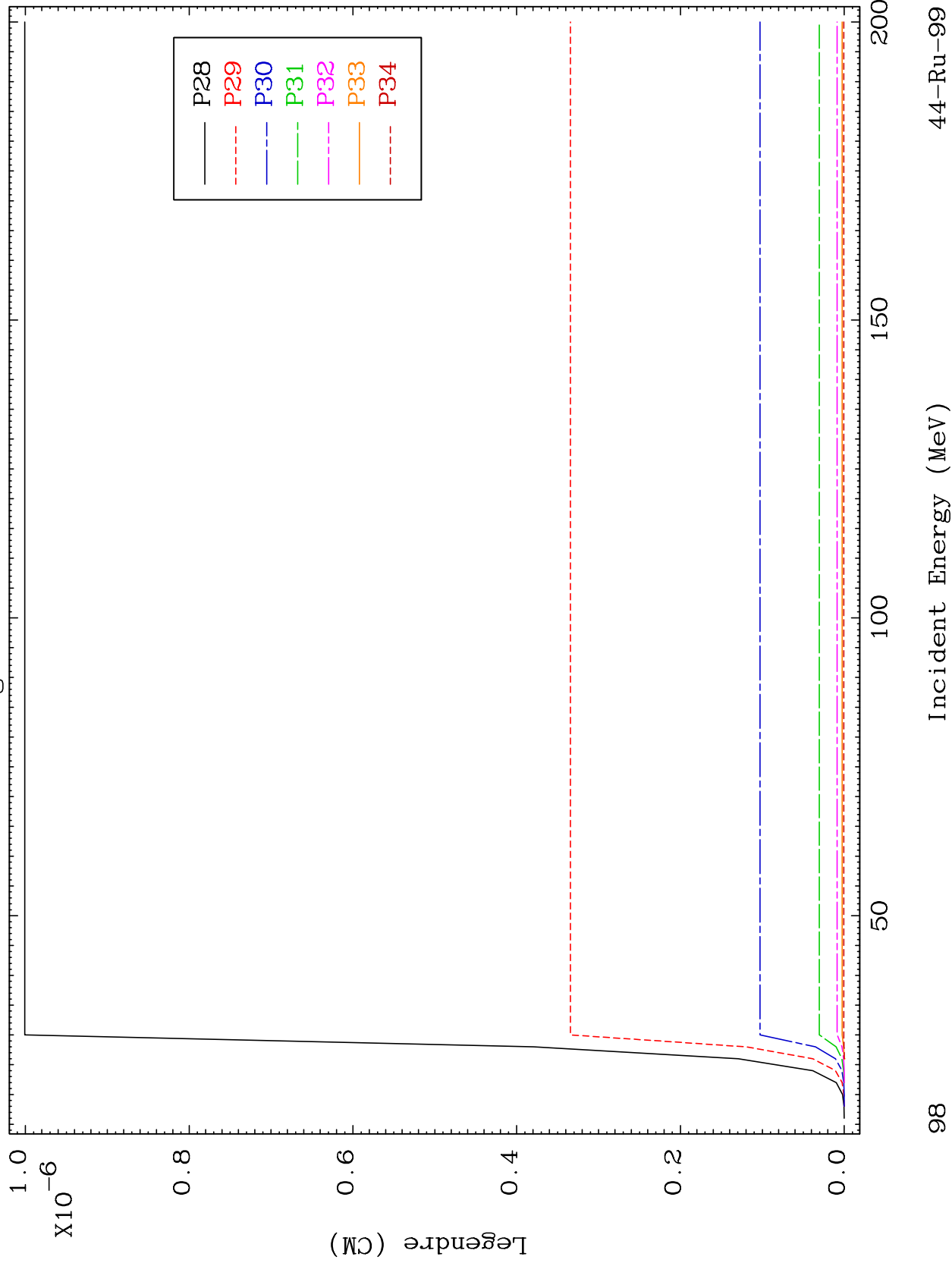
Incident Energy (MeV)

44-Ru-99

MAT 4434

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

44-Ru-99

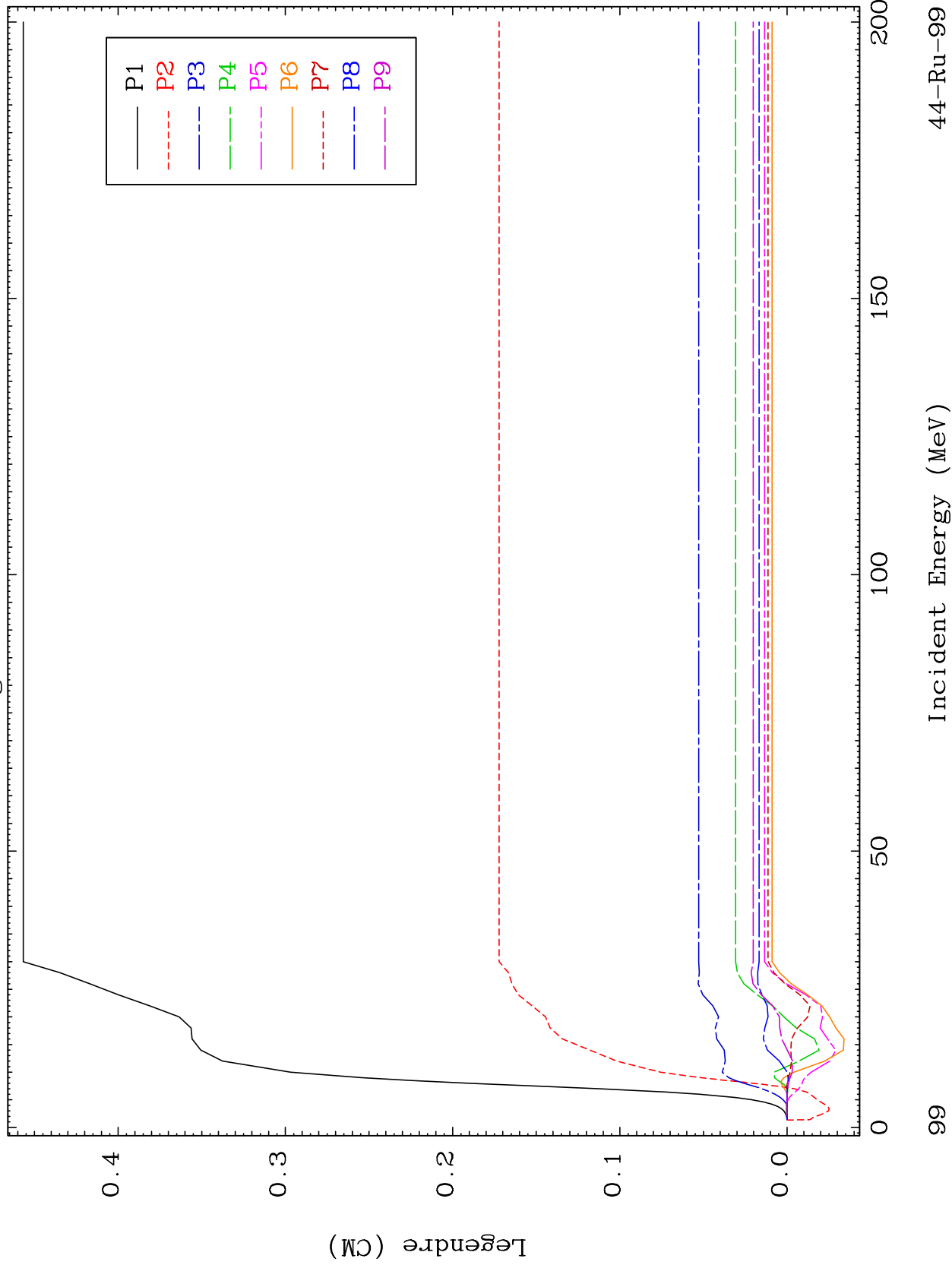


98

MAT 4434

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

44-Ru-99



44-Ru-99

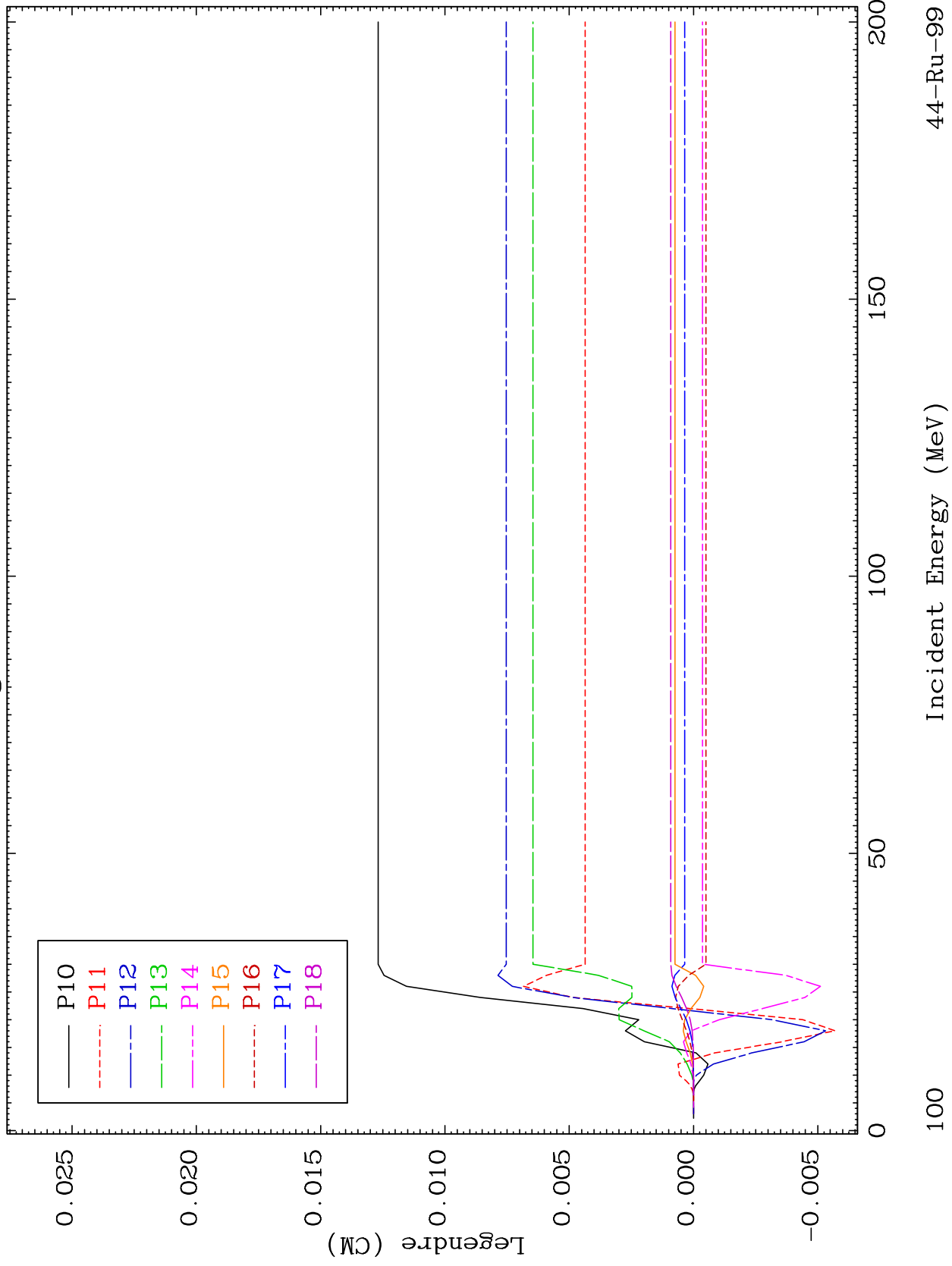
Incident Energy (MeV)

99

MAT 4434

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

44-Ru-99

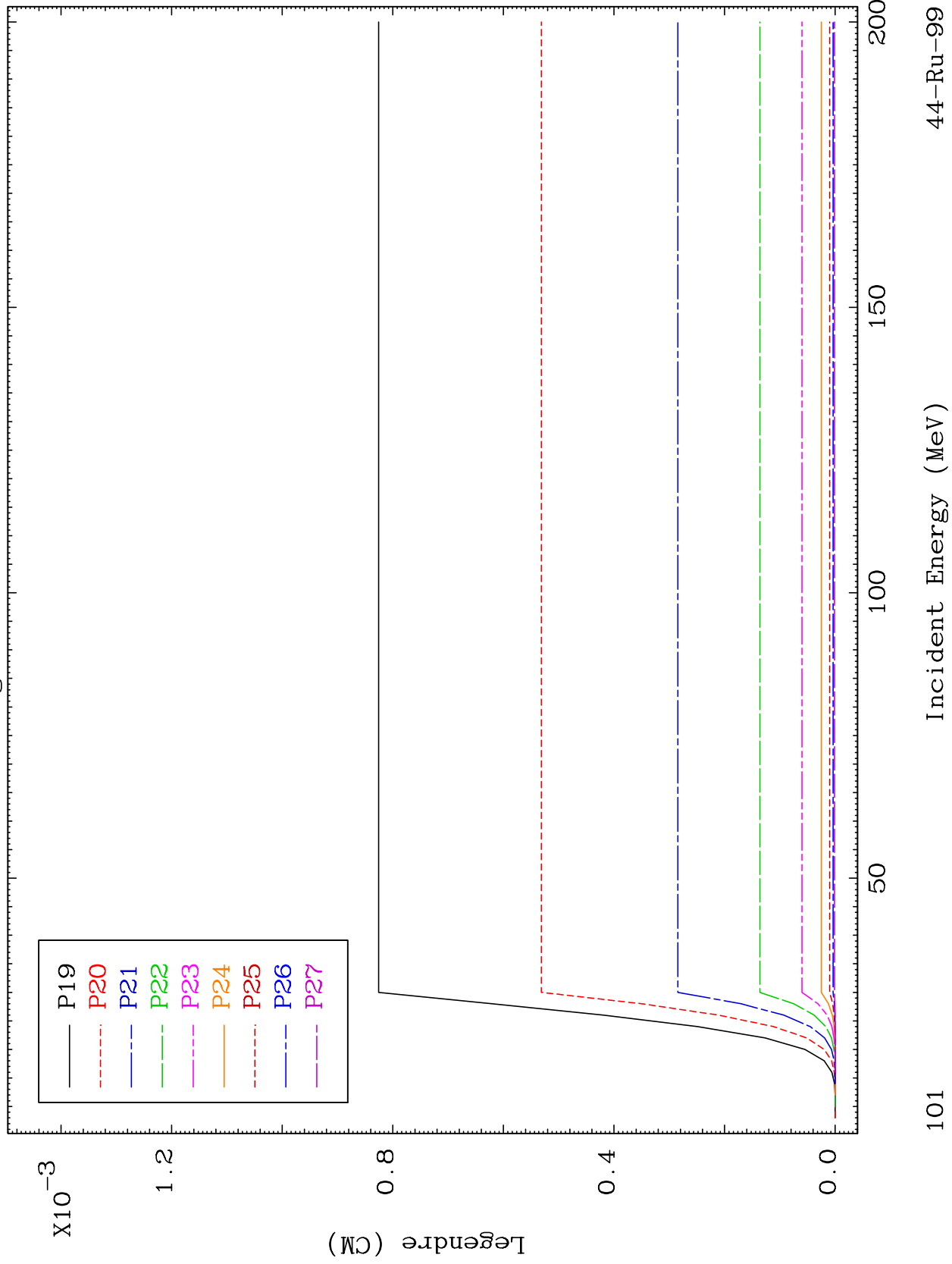


44-Ru-99

MAT 4434

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

44-Ru-99

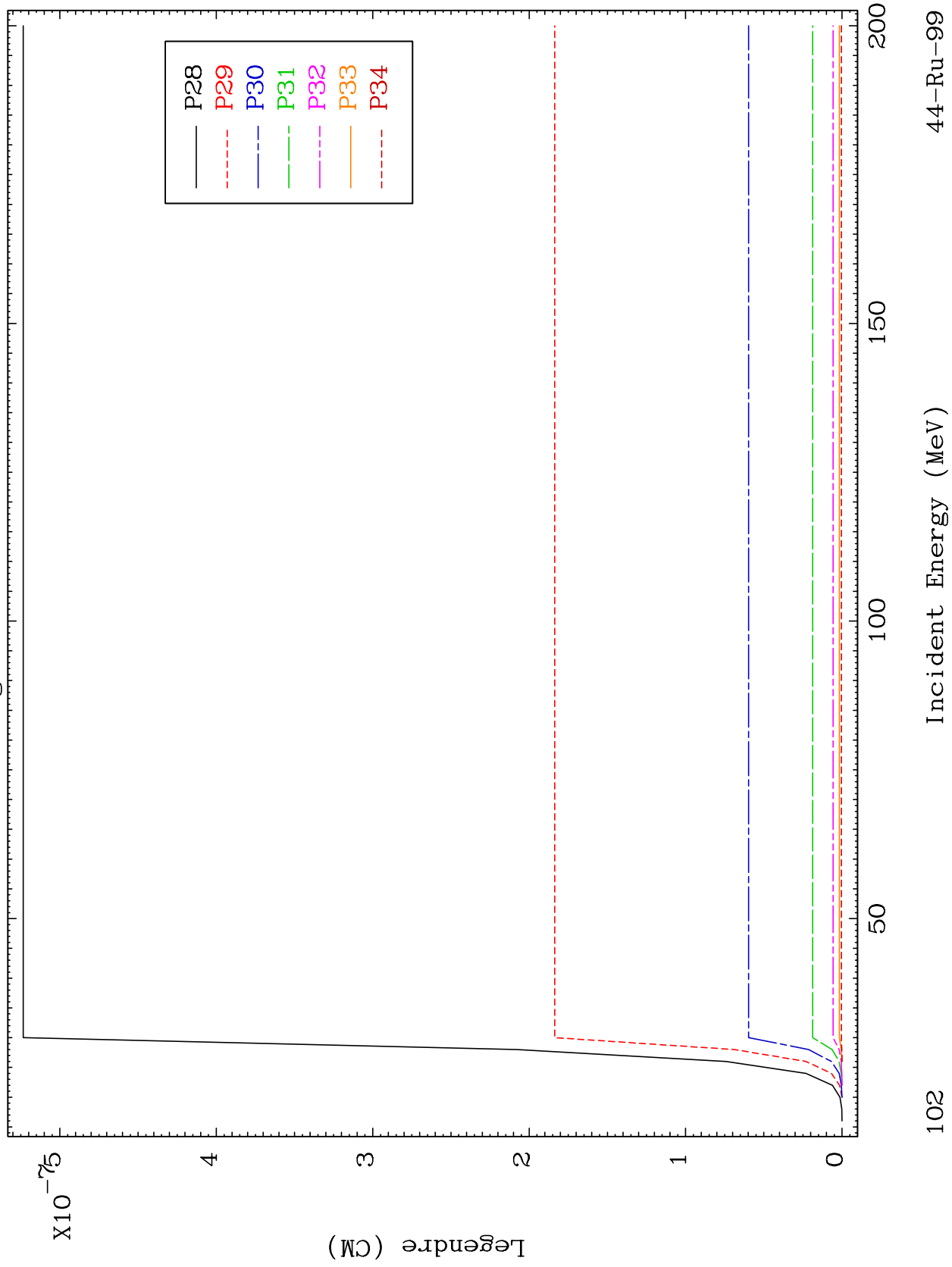


101

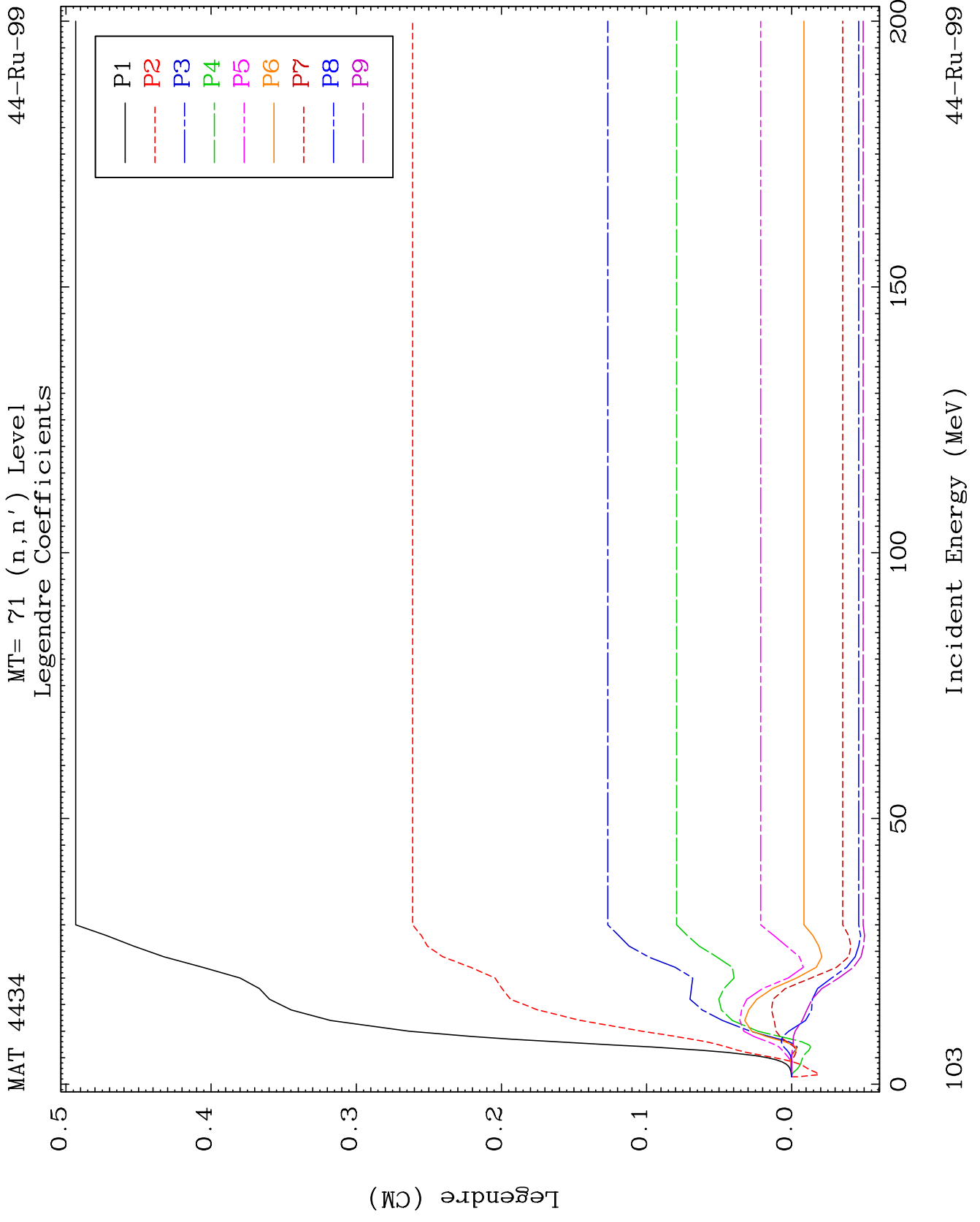
MAT 4434

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

44-Ru-99



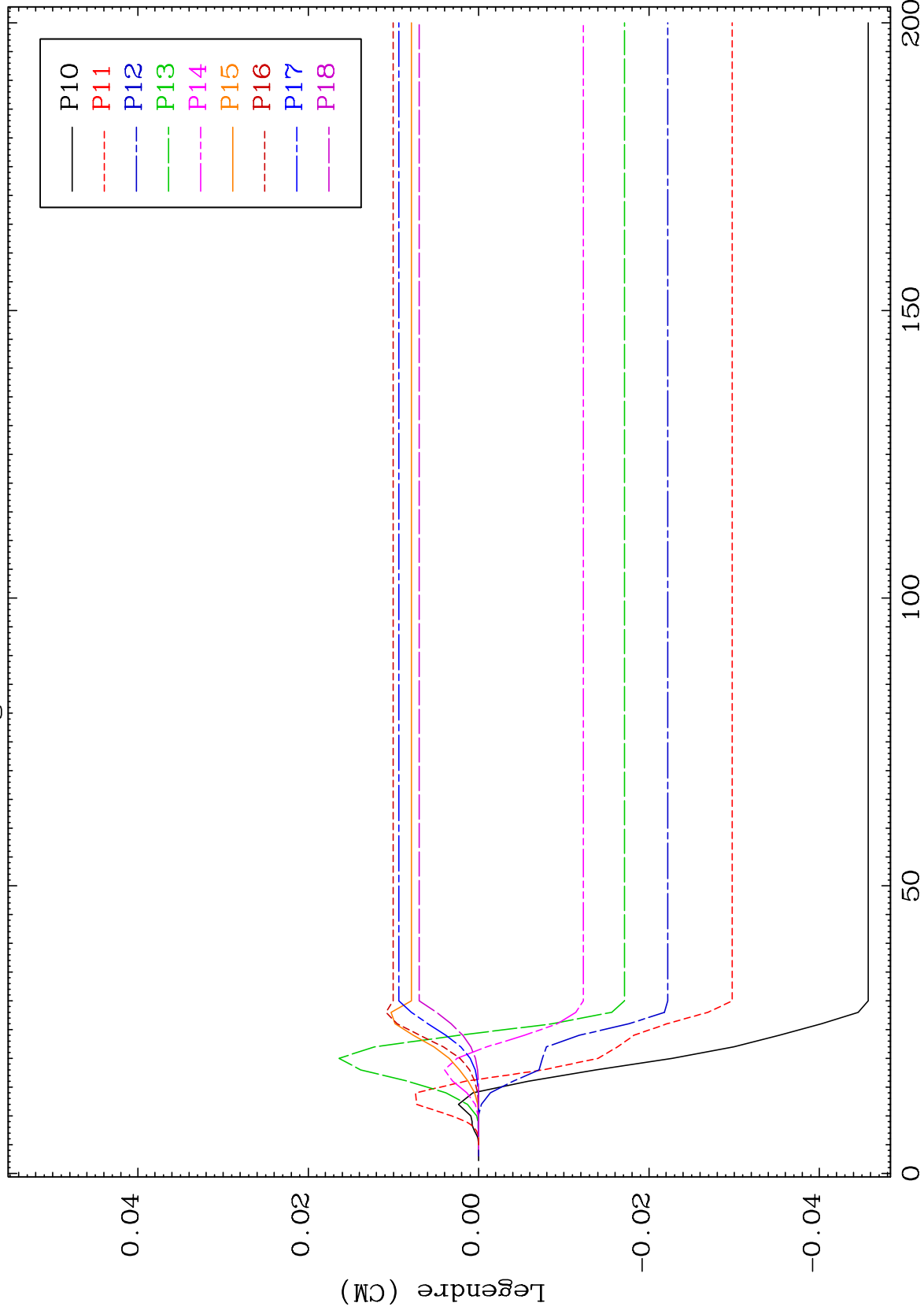
102



MAT 4434

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

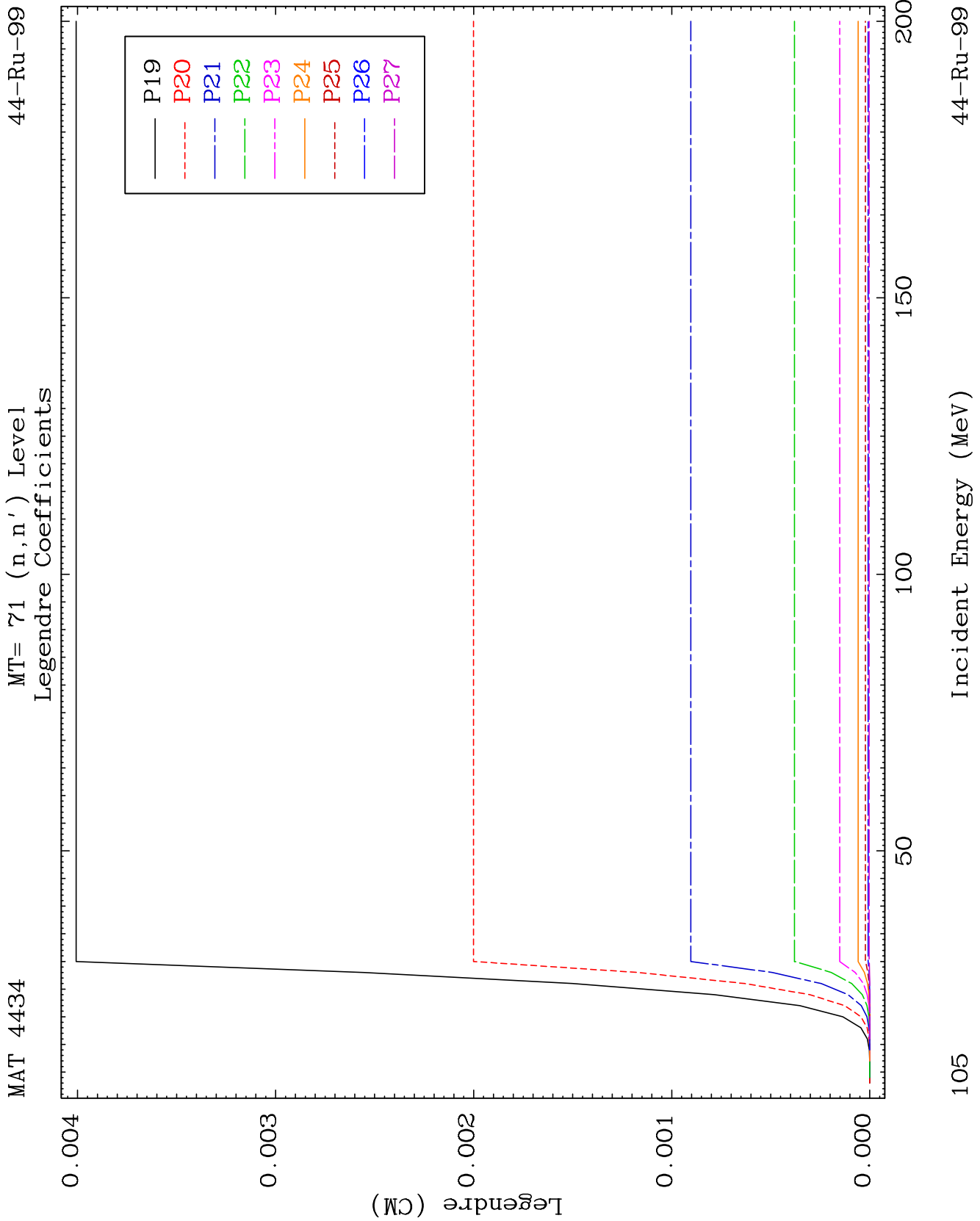
44-Ru-99

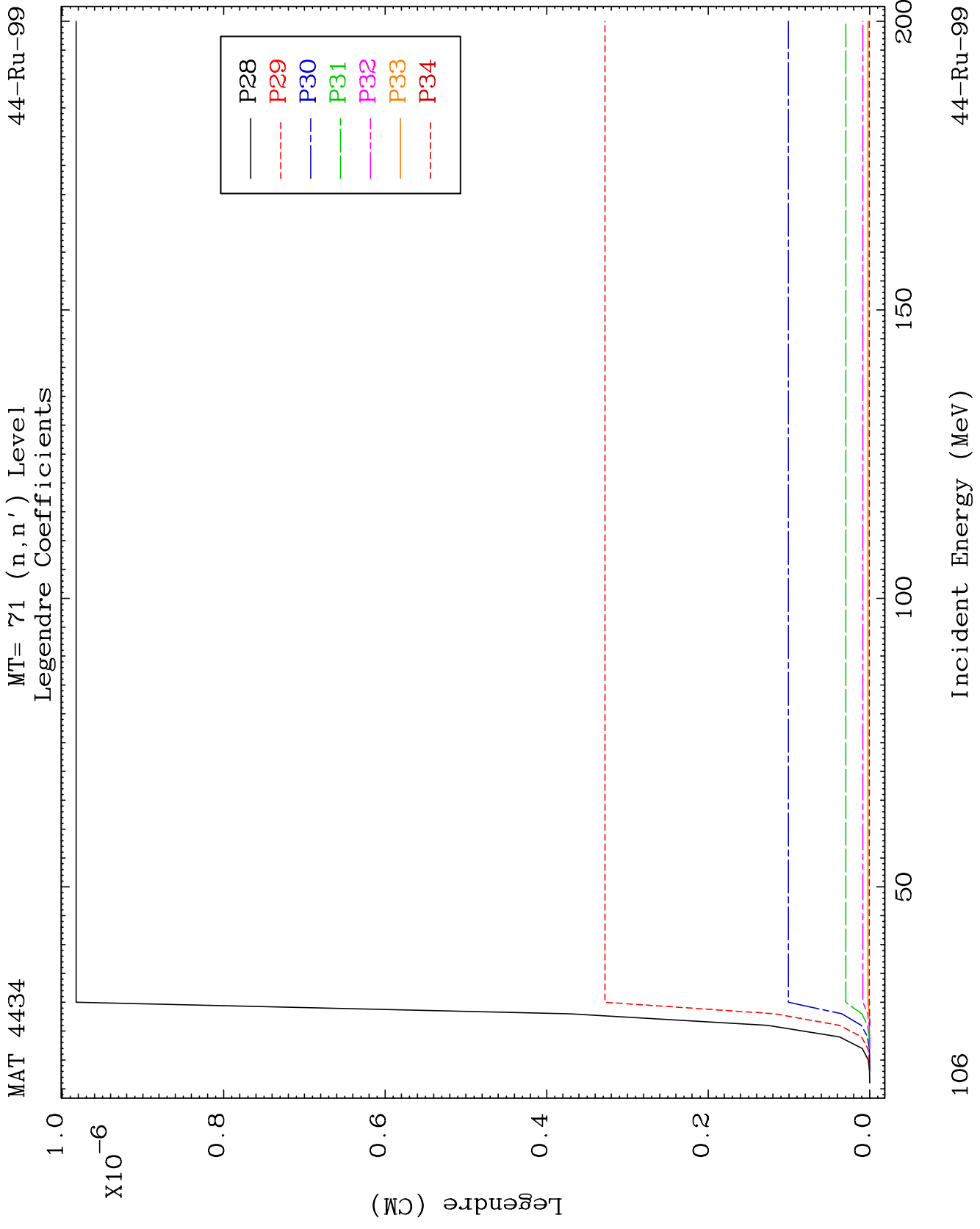


104

Incident Energy (MeV)

44-Ru-99

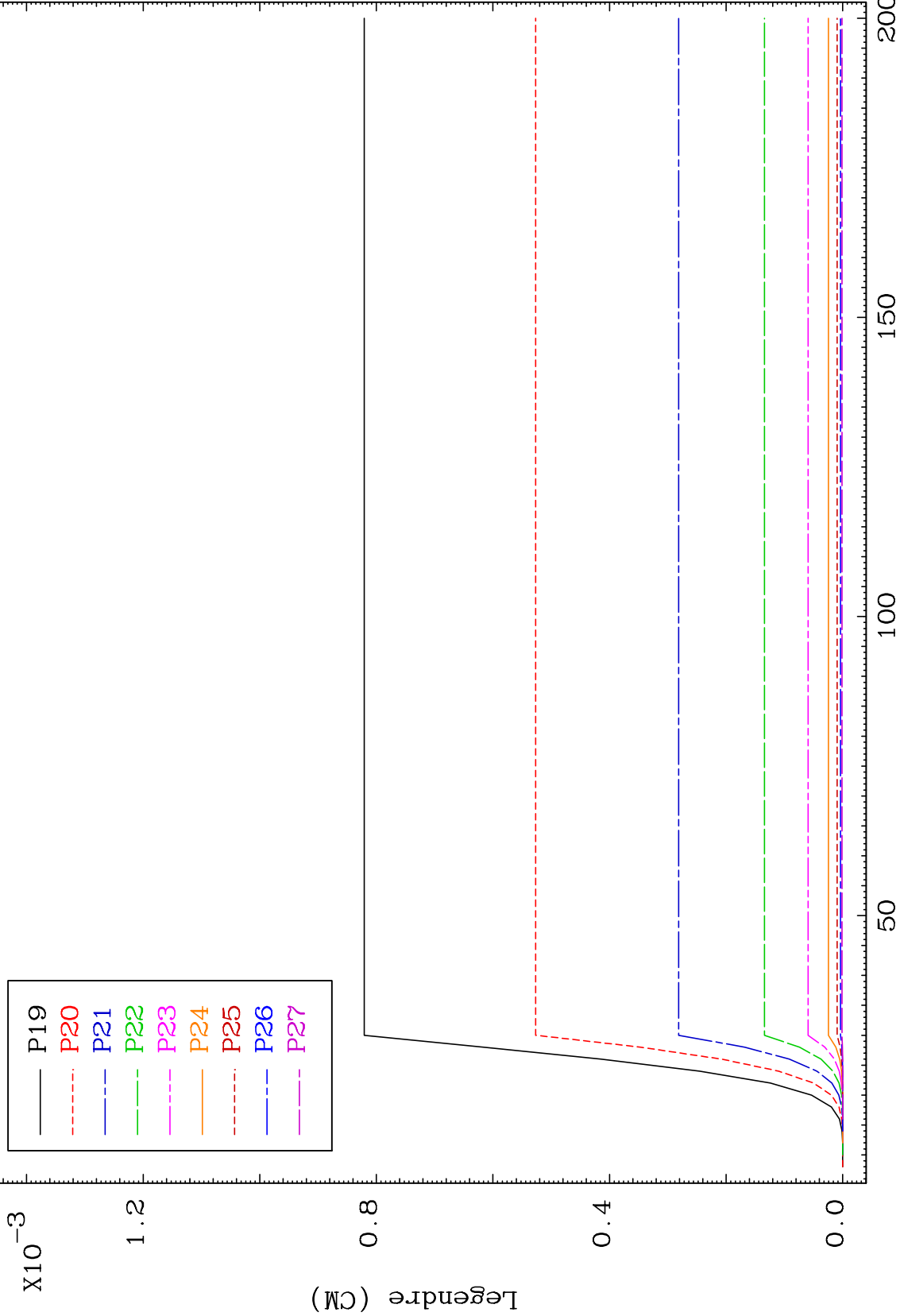
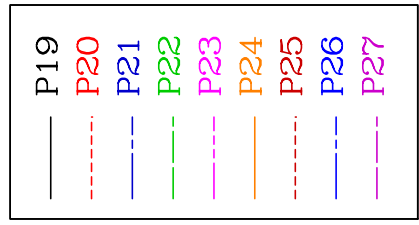




MAT 4434

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

44-Ru-99



109

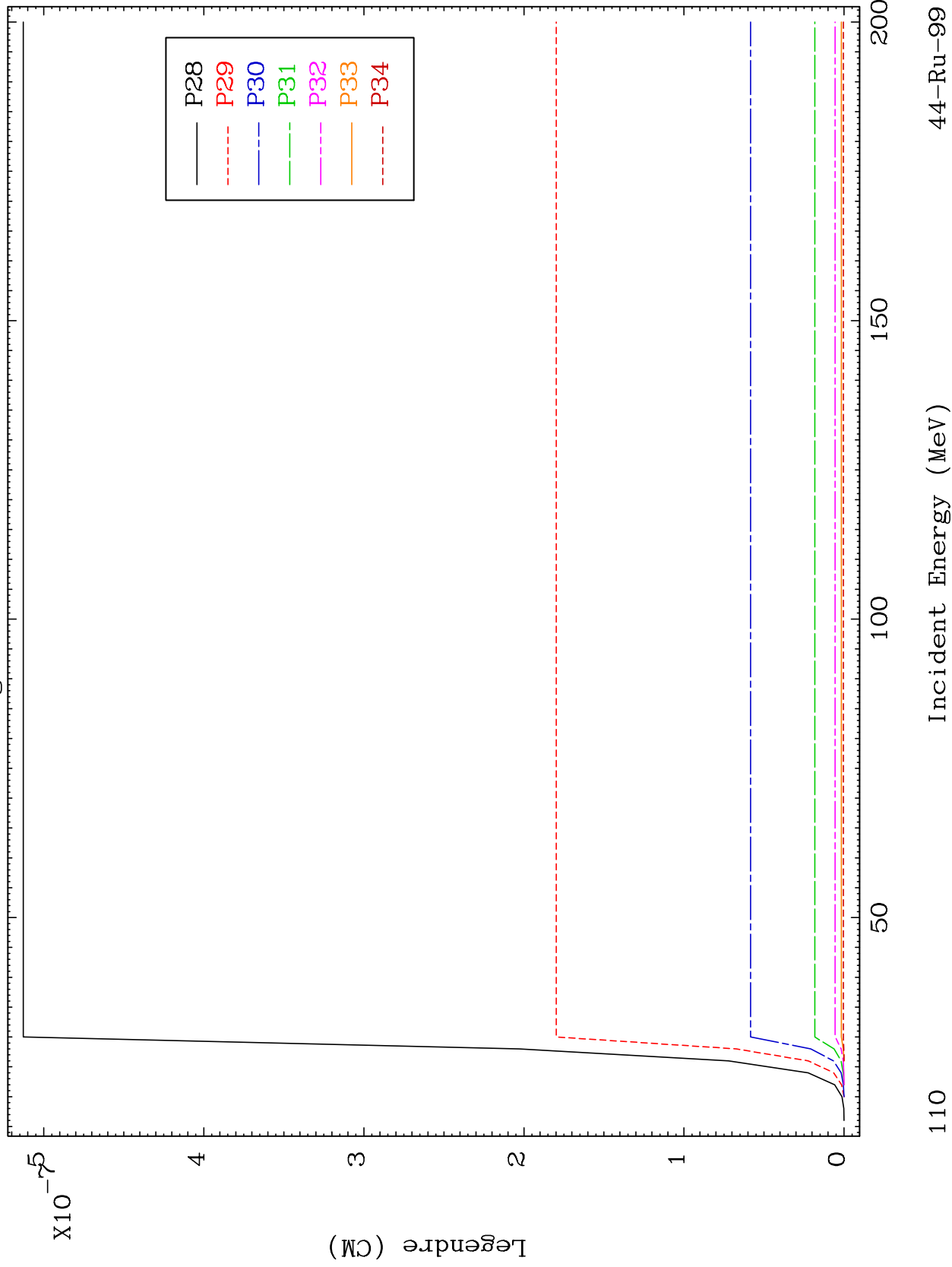
Incident Energy (MeV)

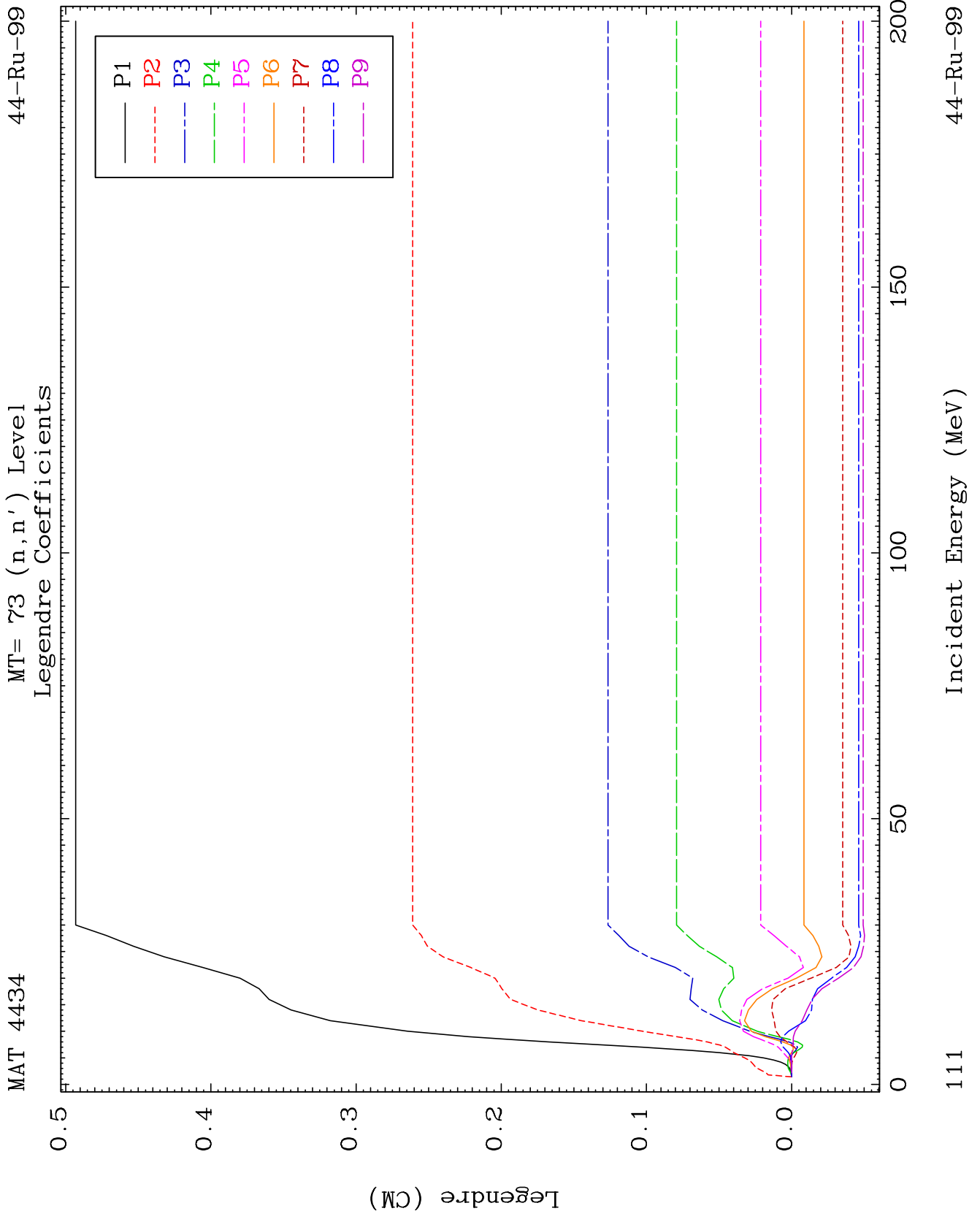
44-Ru-99

MAT 4434

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

44-Ru-99

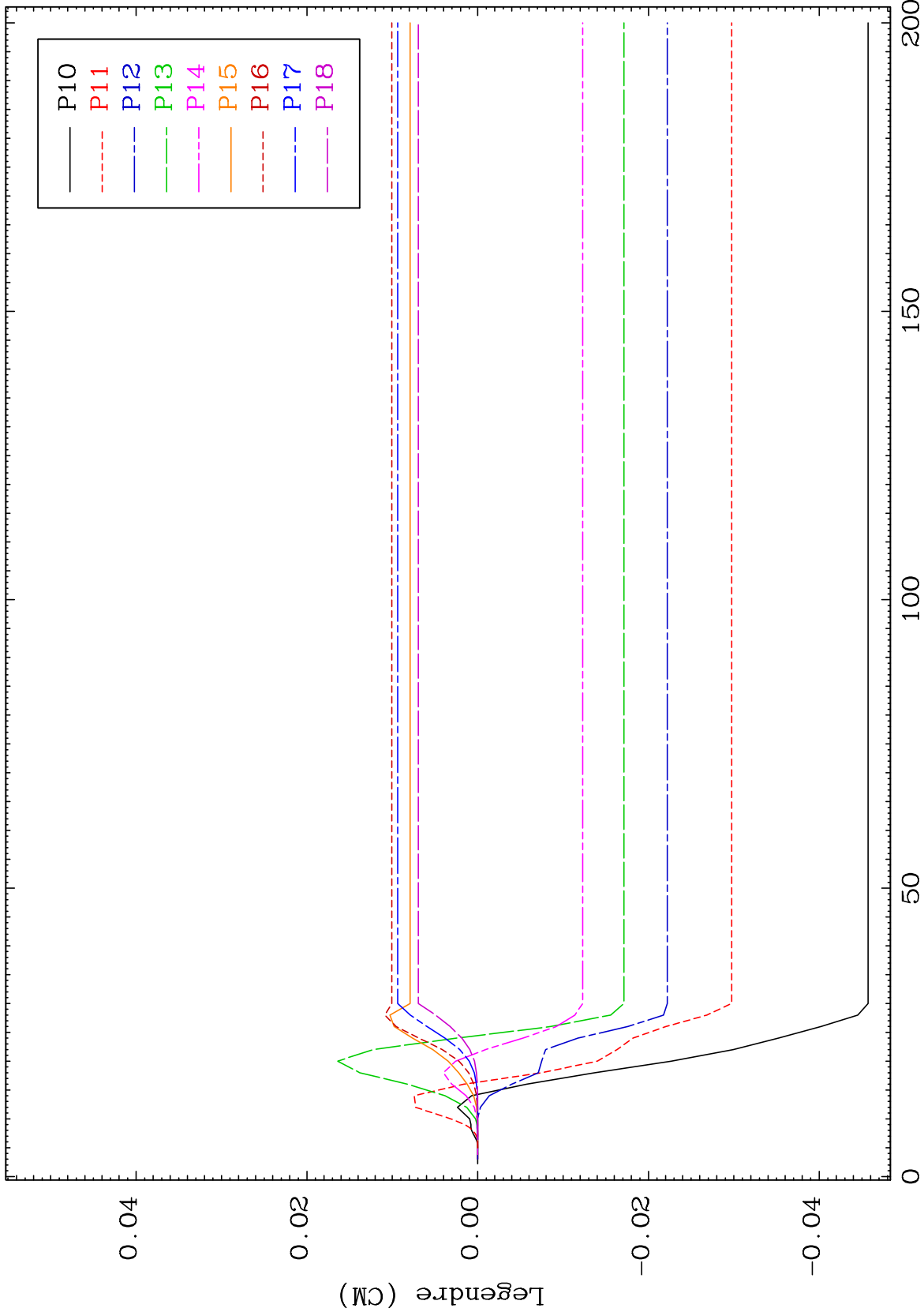




MAT 4434

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

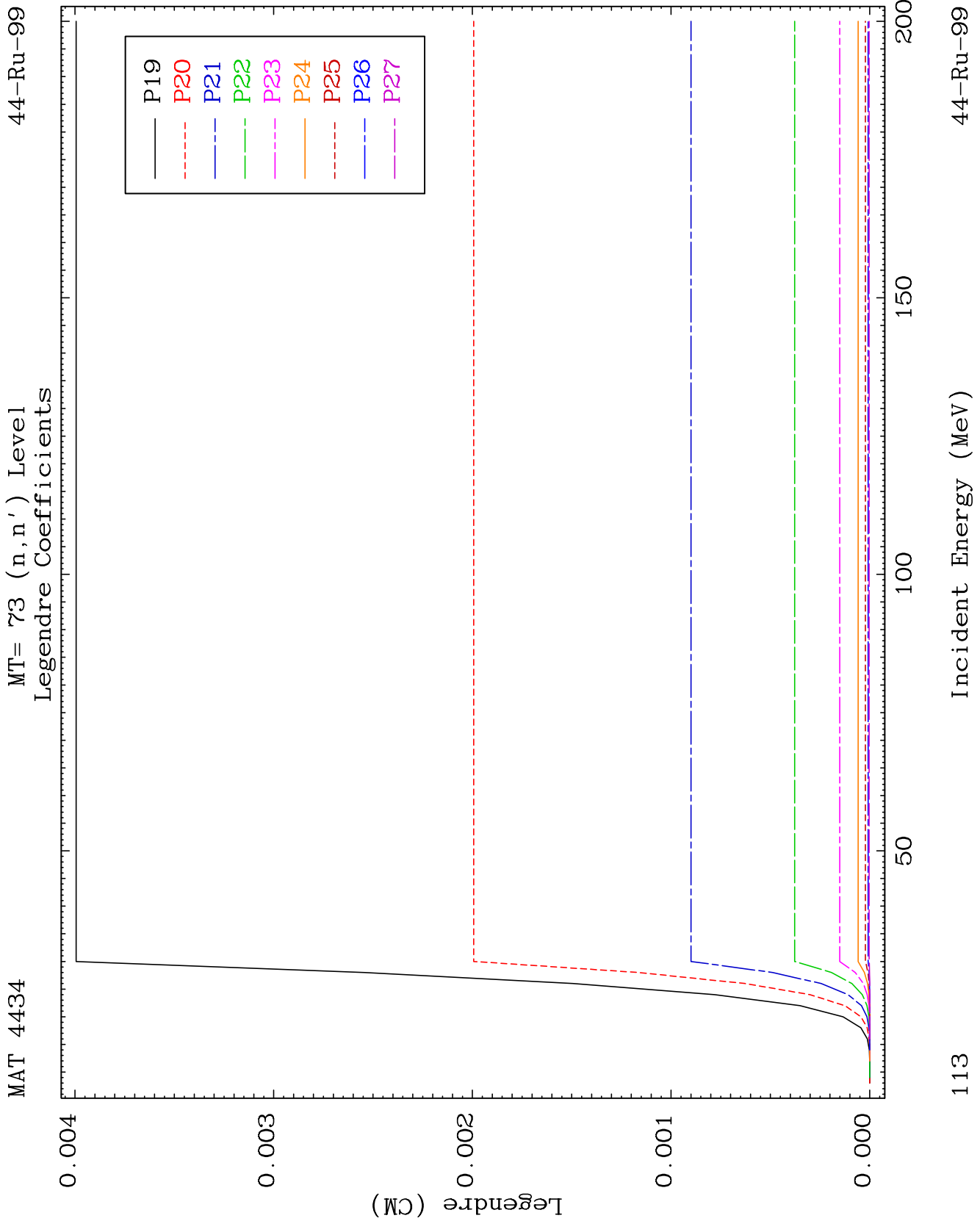
44-Ru-99



112

Incident Energy (MeV)

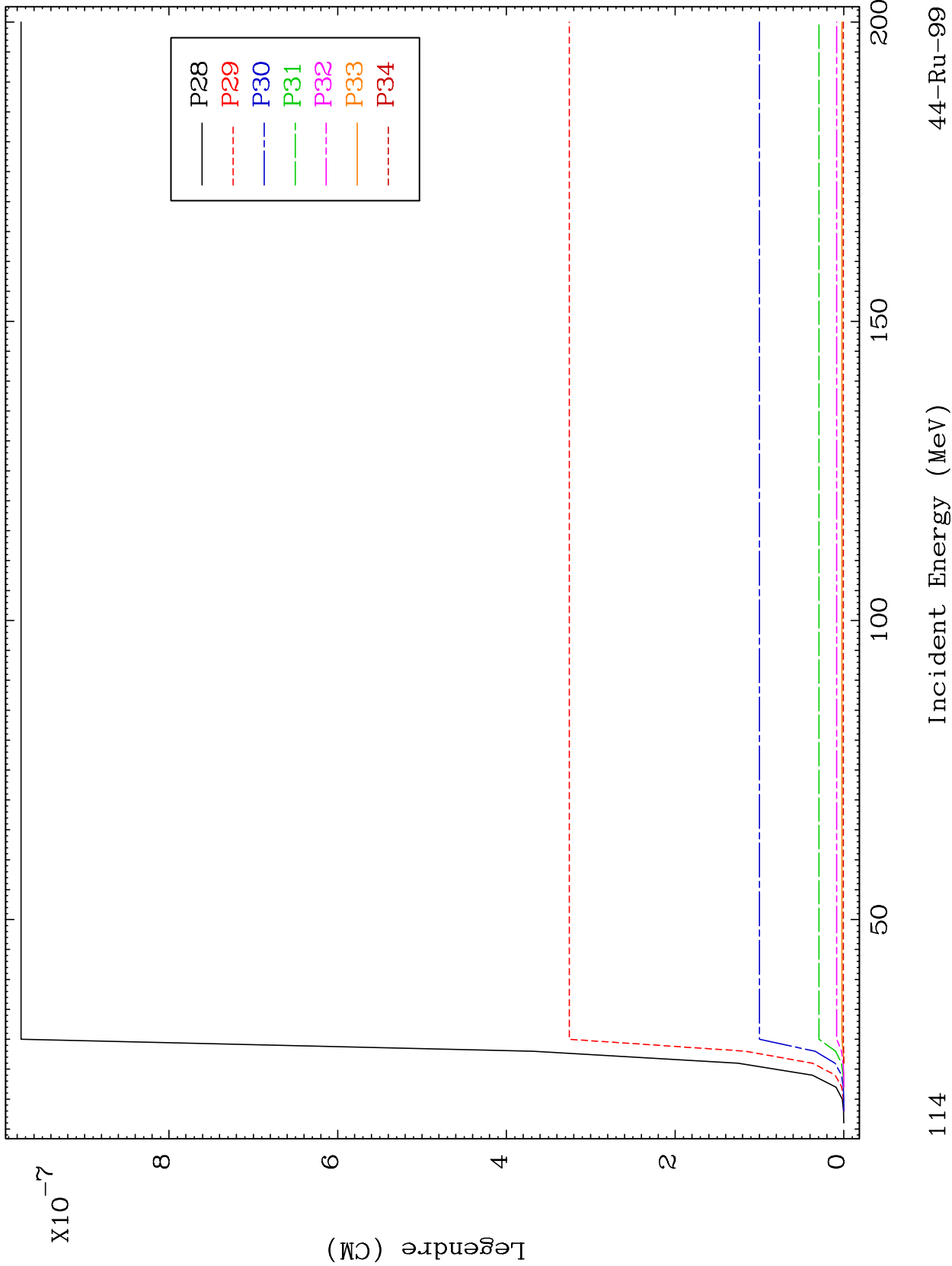
44-Ru-99



MAT 4434

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

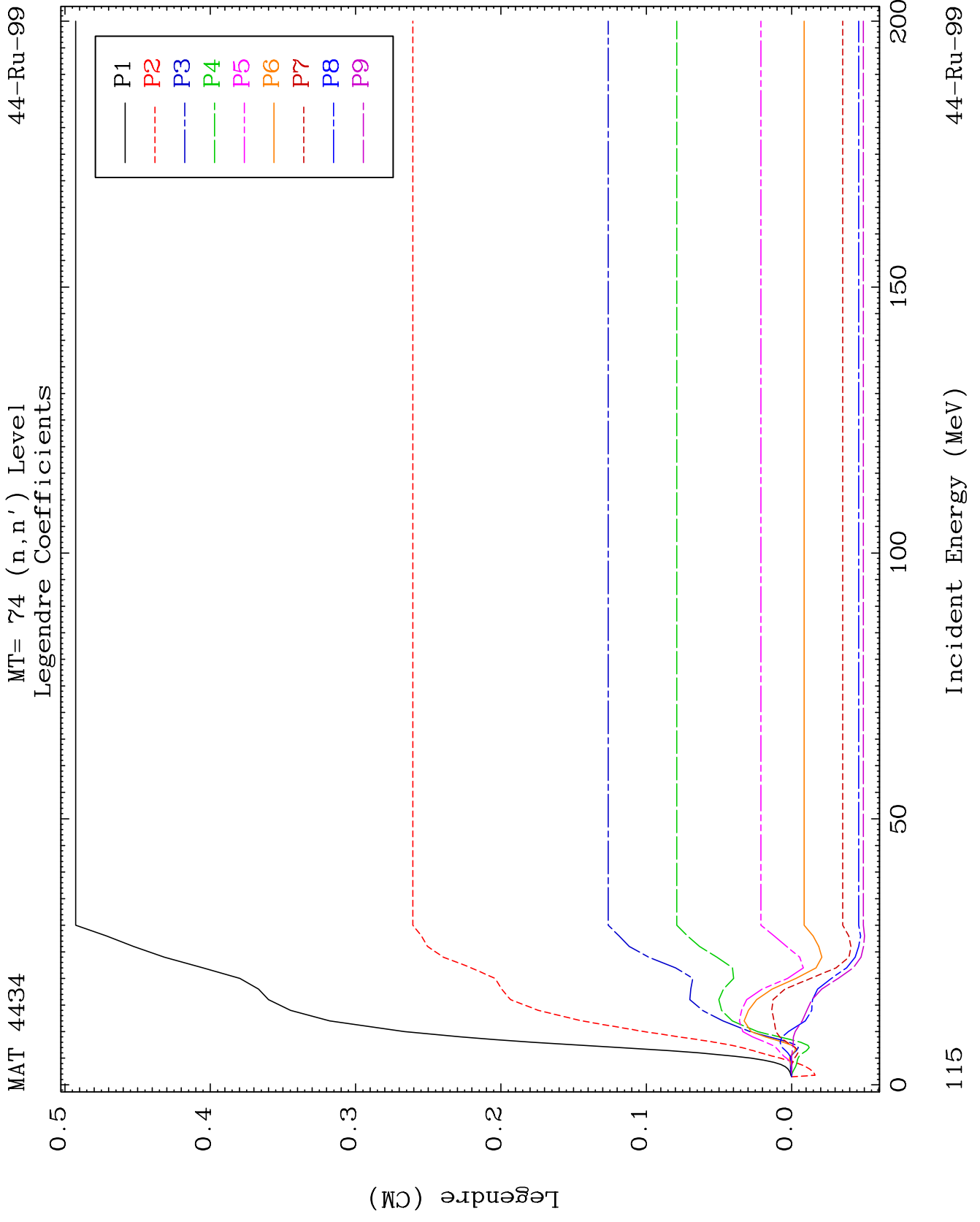
44-Ru-99



114

Incident Energy (MeV)

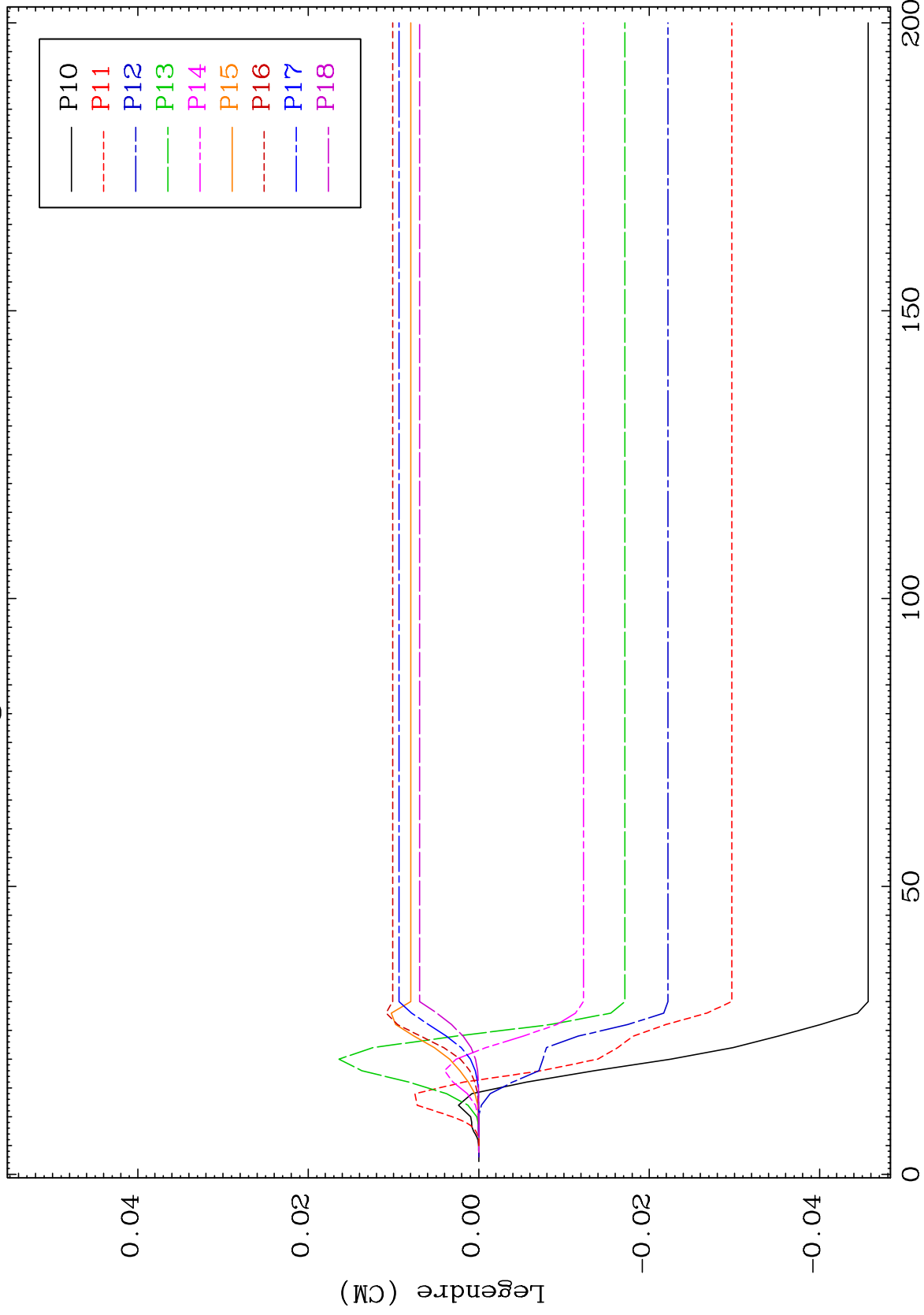
44-Ru-99



MAT 4434

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

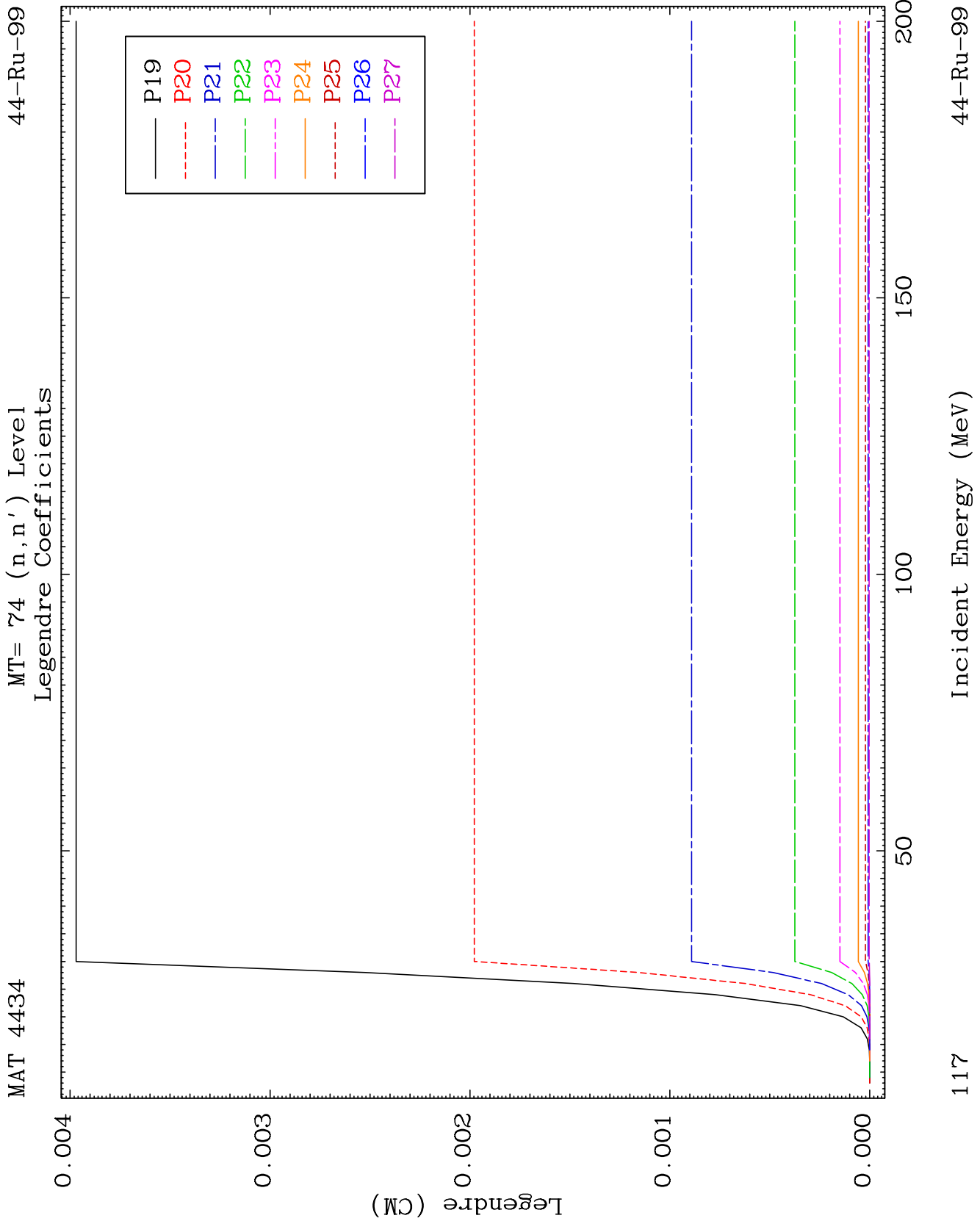
44-Ru-99



116

Incident Energy (MeV)

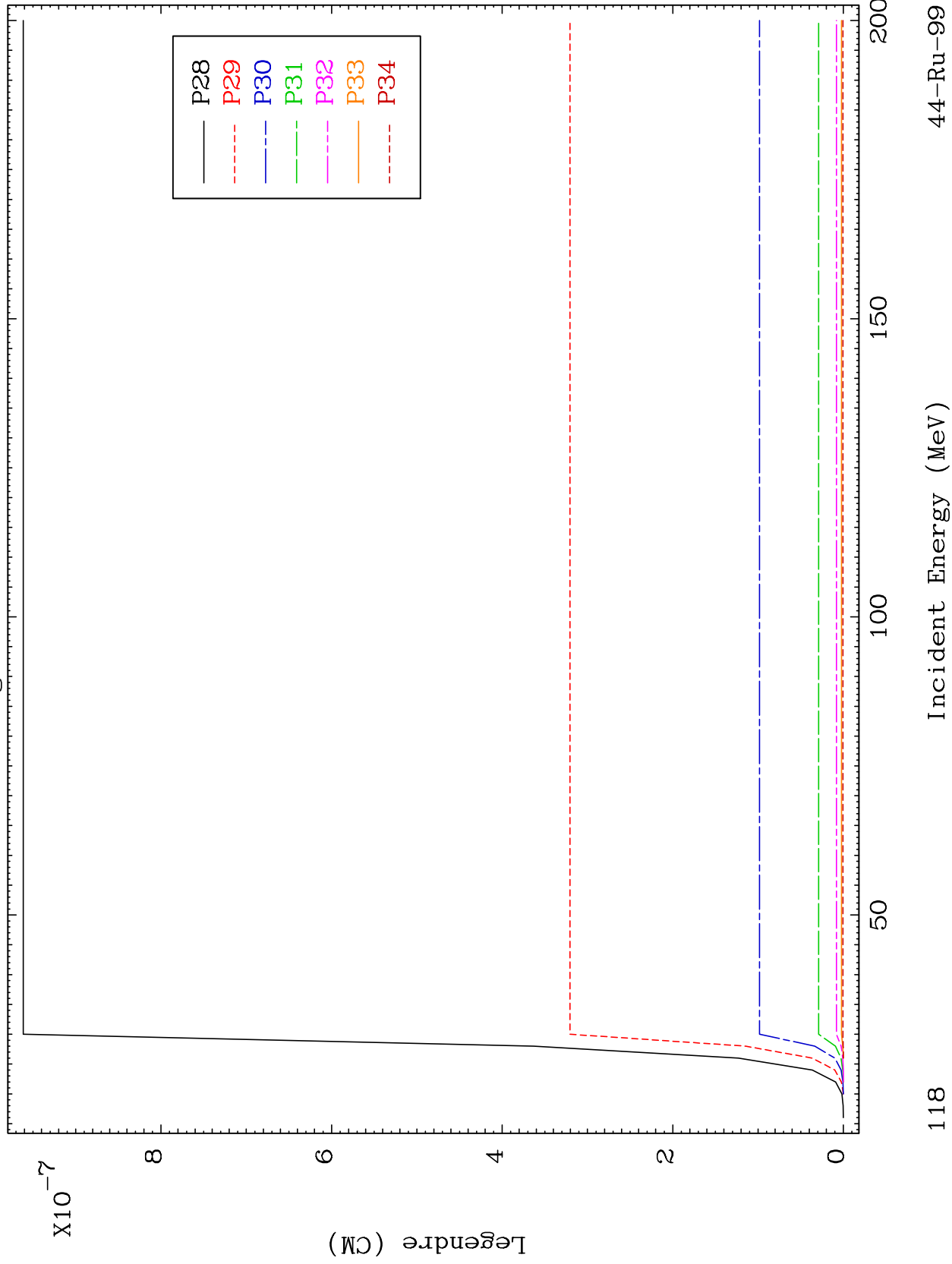
44-Ru-99



MAT 4434

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

44-Ru-99

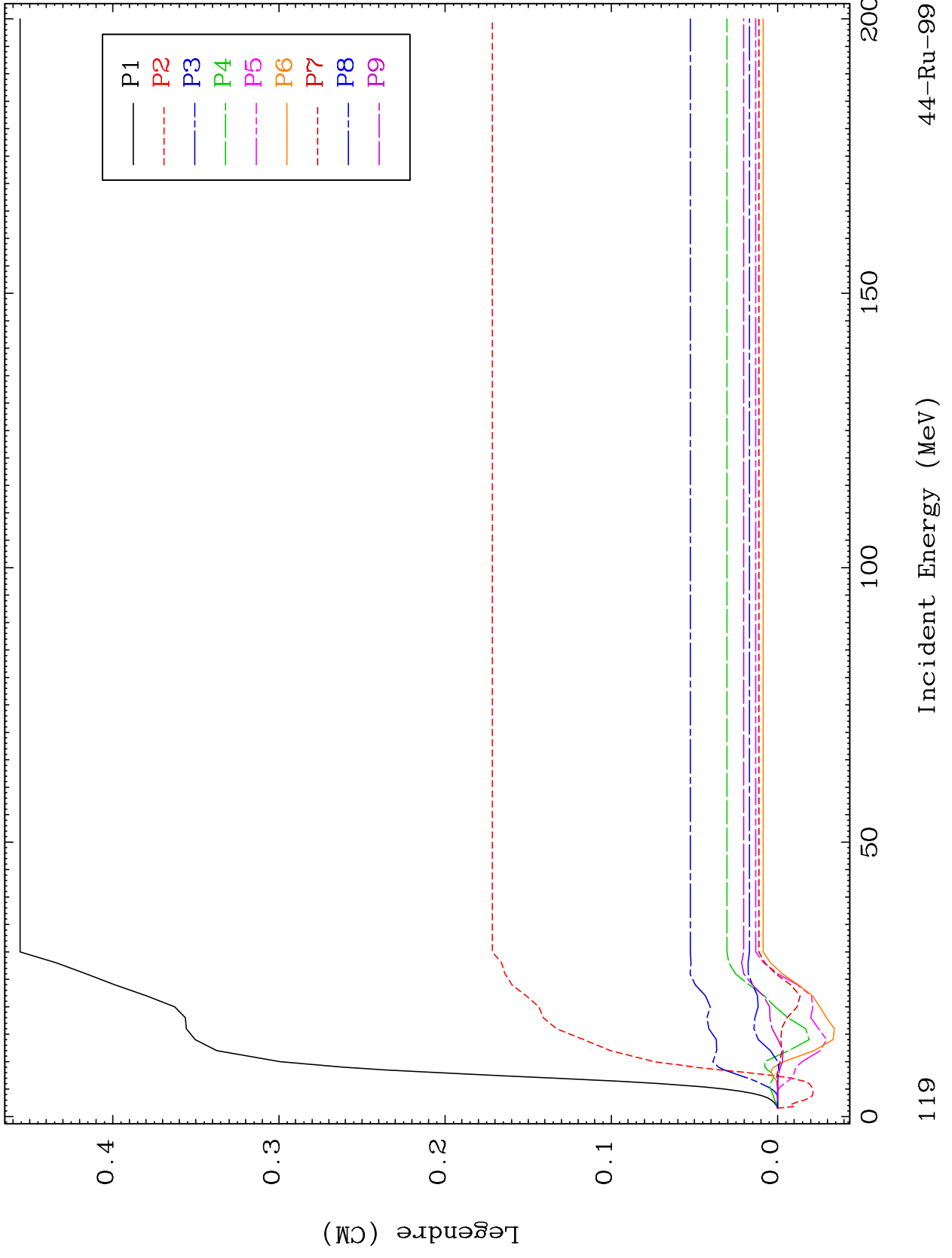


118

MAT 4434

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

44-Ru-99

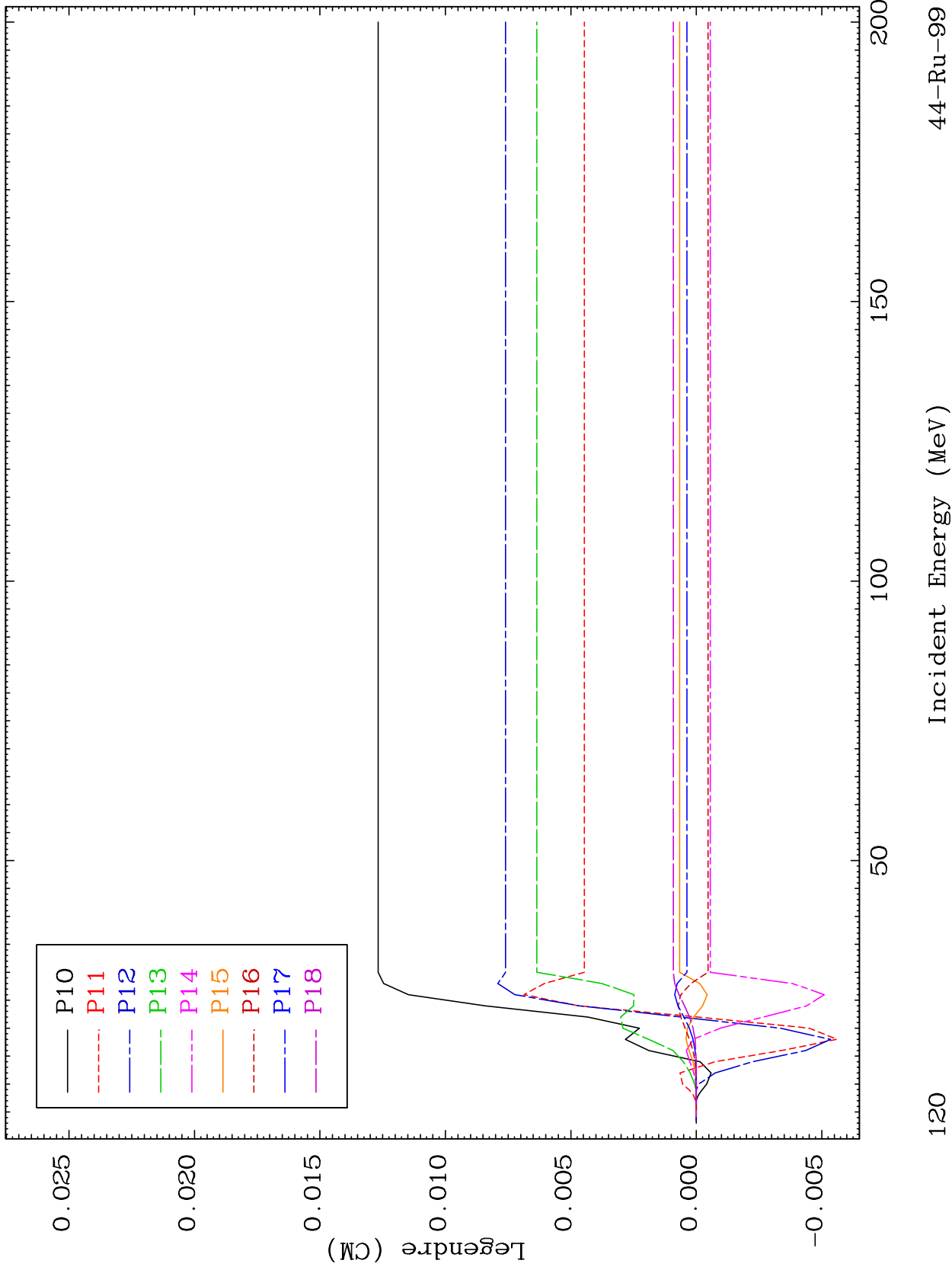


119

MAT 4434

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

44-Ru-99



44-Ru-99

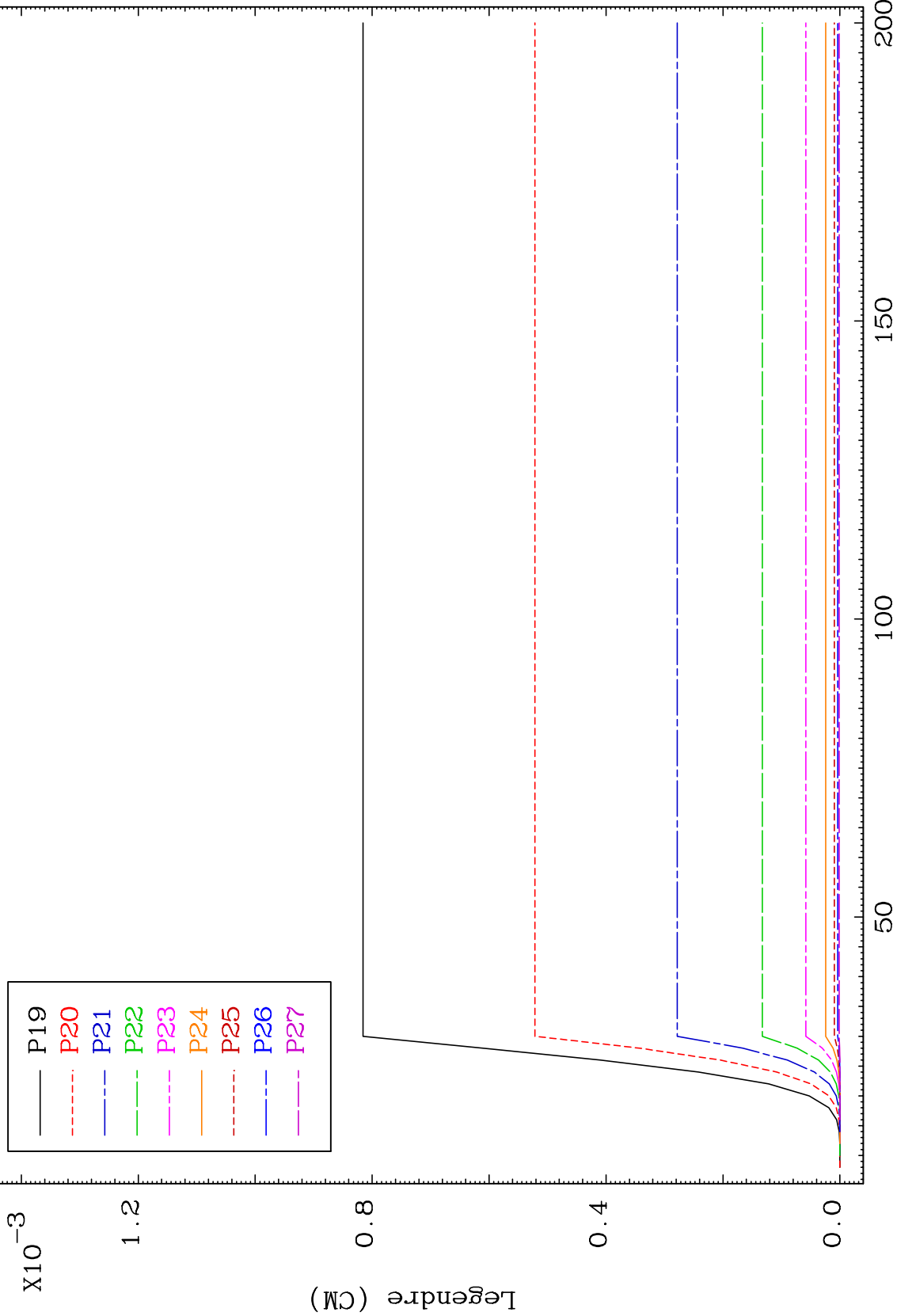
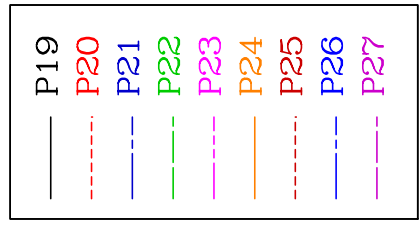
Incident Energy (MeV)

120

MAT 4434

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

44-Ru-99



121

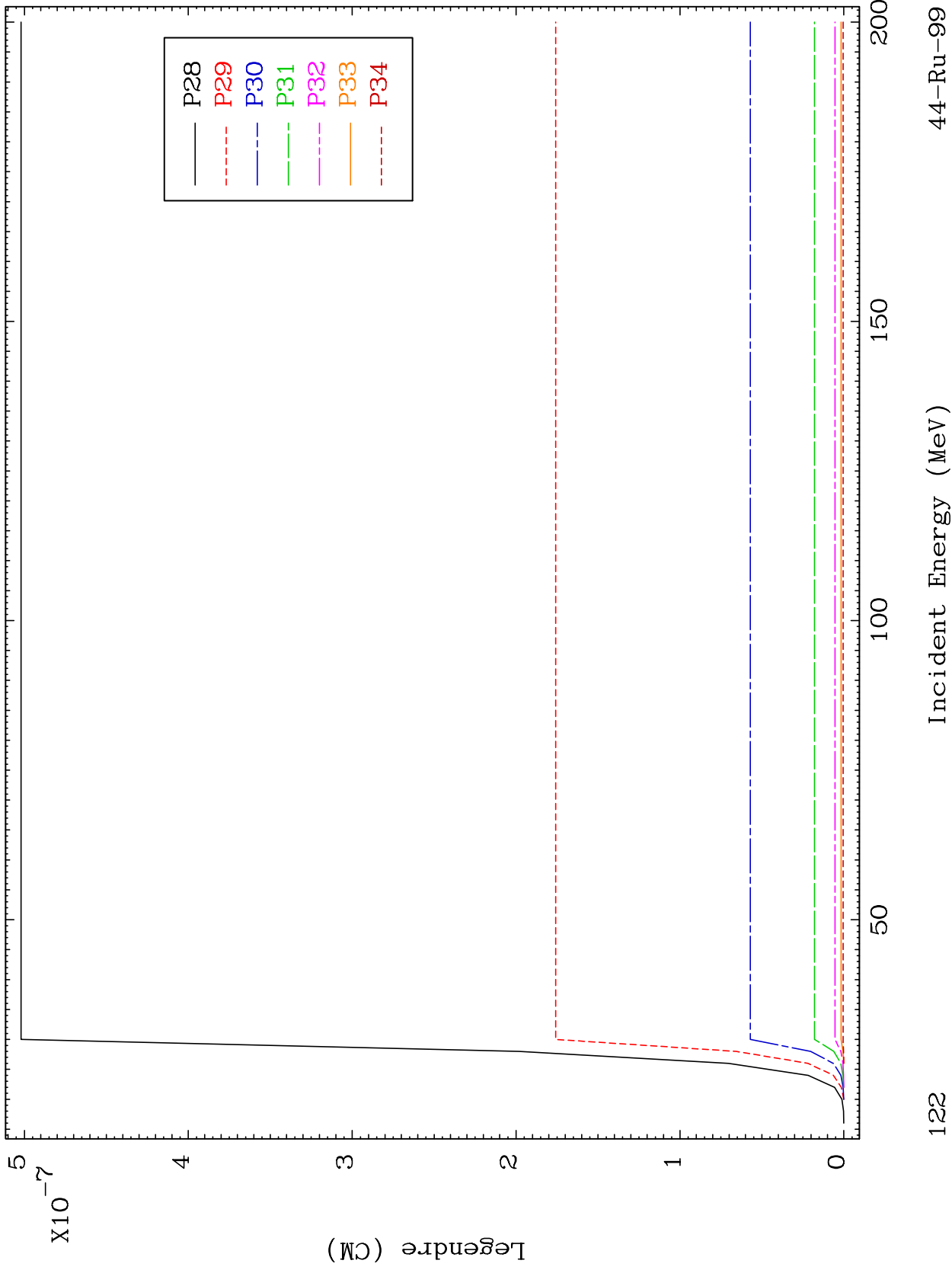
Incident Energy (MeV)

44-Ru-99

MAT 4434

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

44-Ru-99

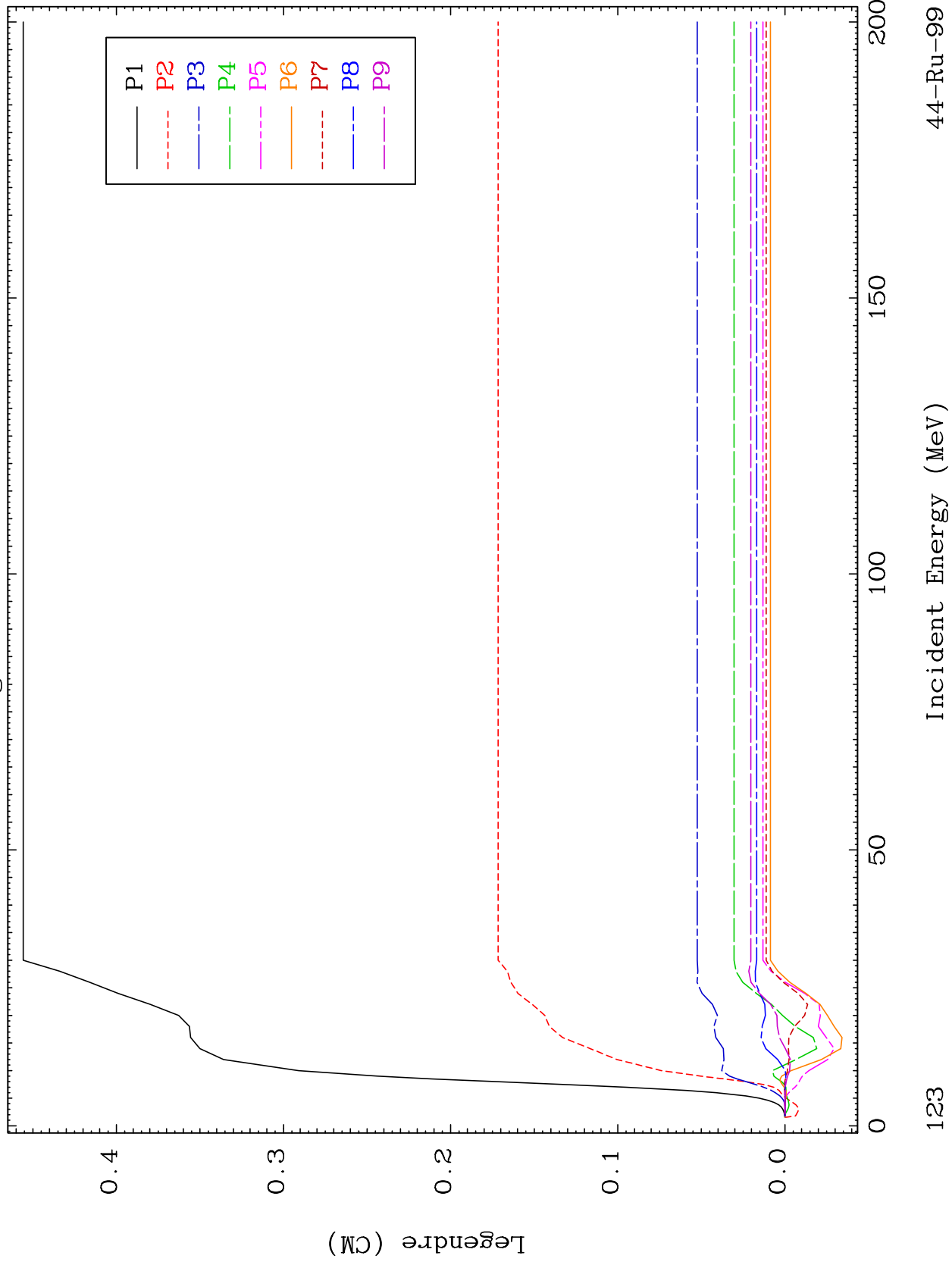


122

MAT 4434

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

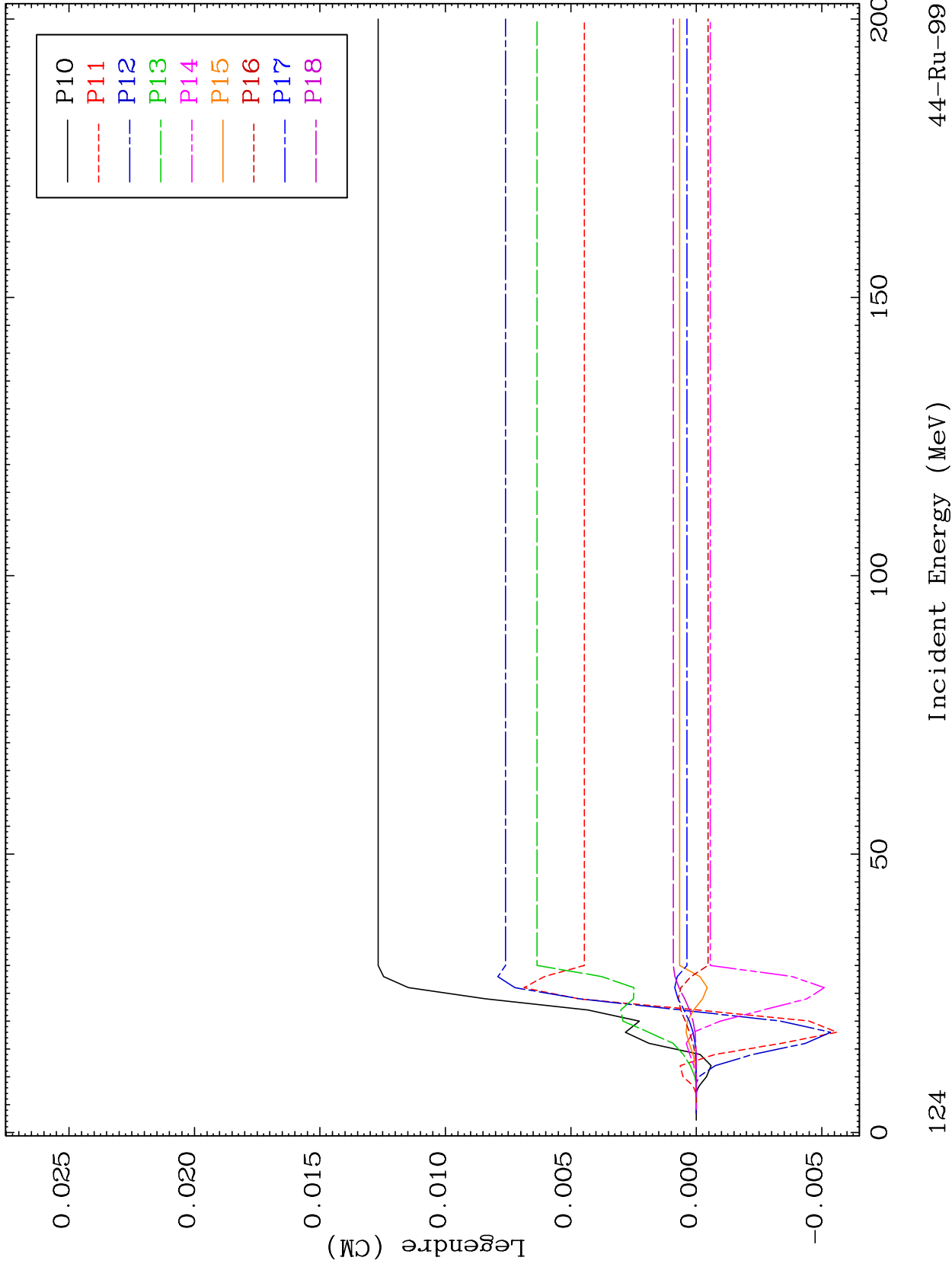
44-Ru-99



MAT 4434

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

44-Ru-99



124

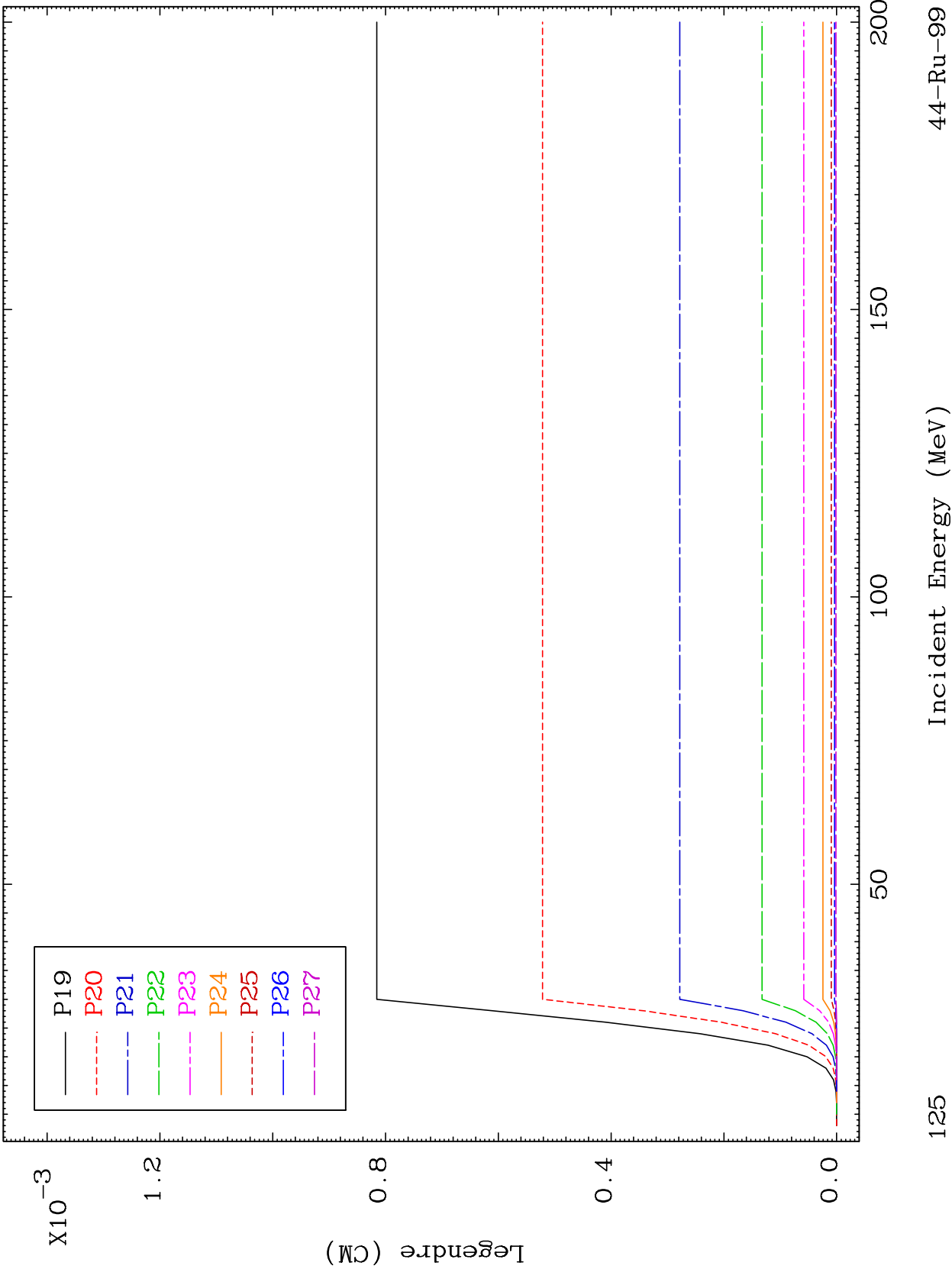
Incident Energy (MeV)

44-Ru-99

MAT 4434

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

44-Ru-99



125

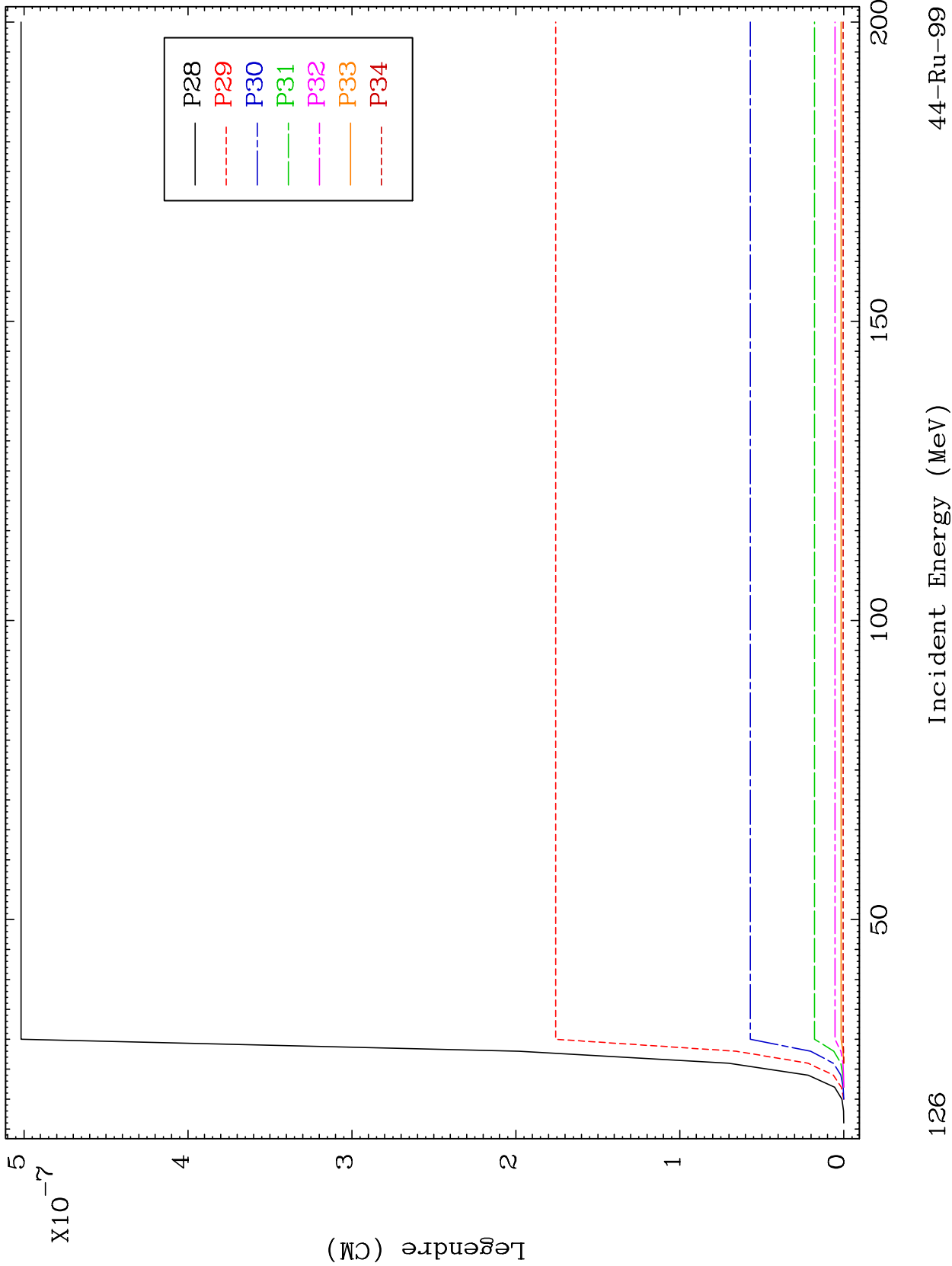
Incident Energy (MeV)

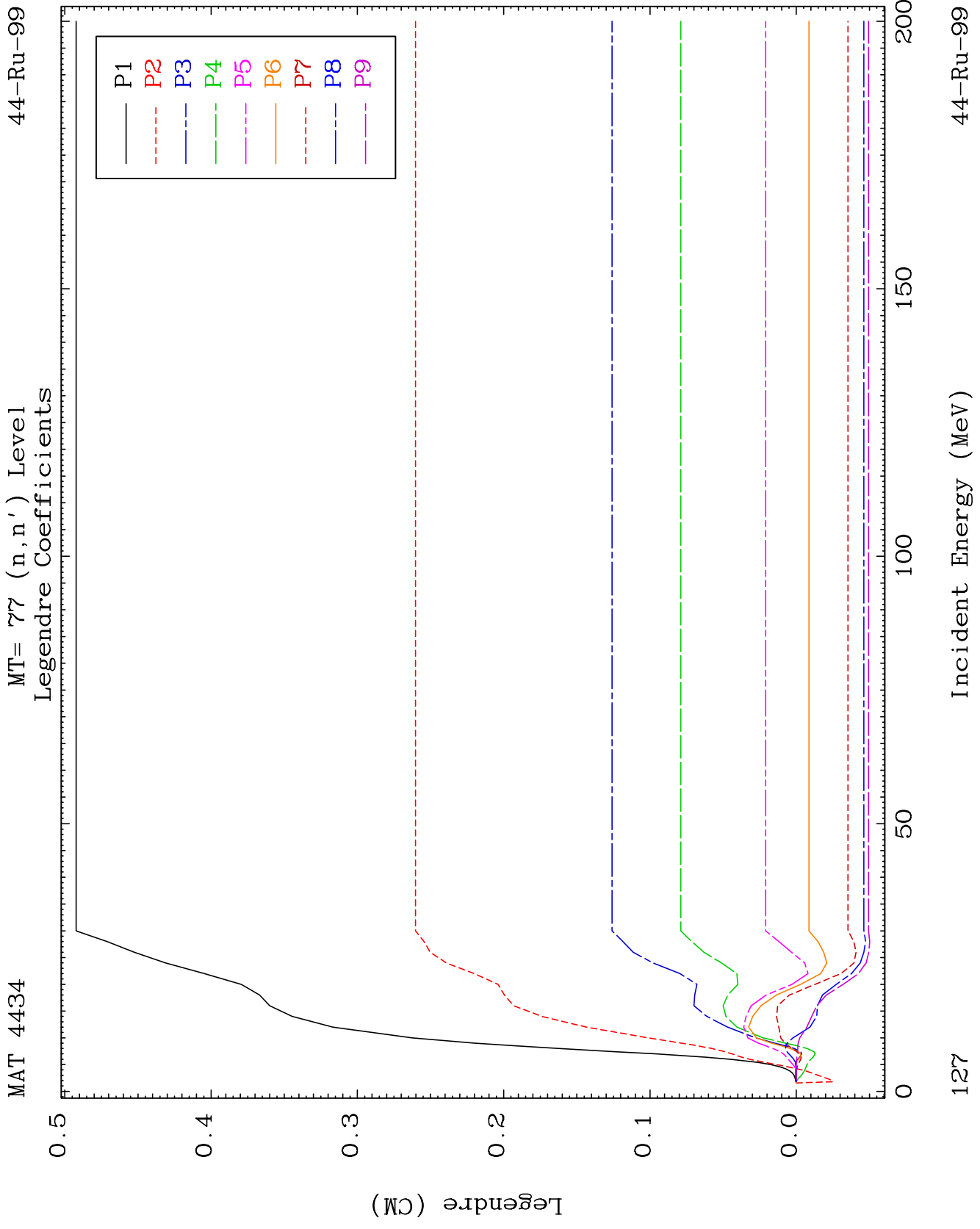
44-Ru-99

MAT 4434

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

44-Ru-99

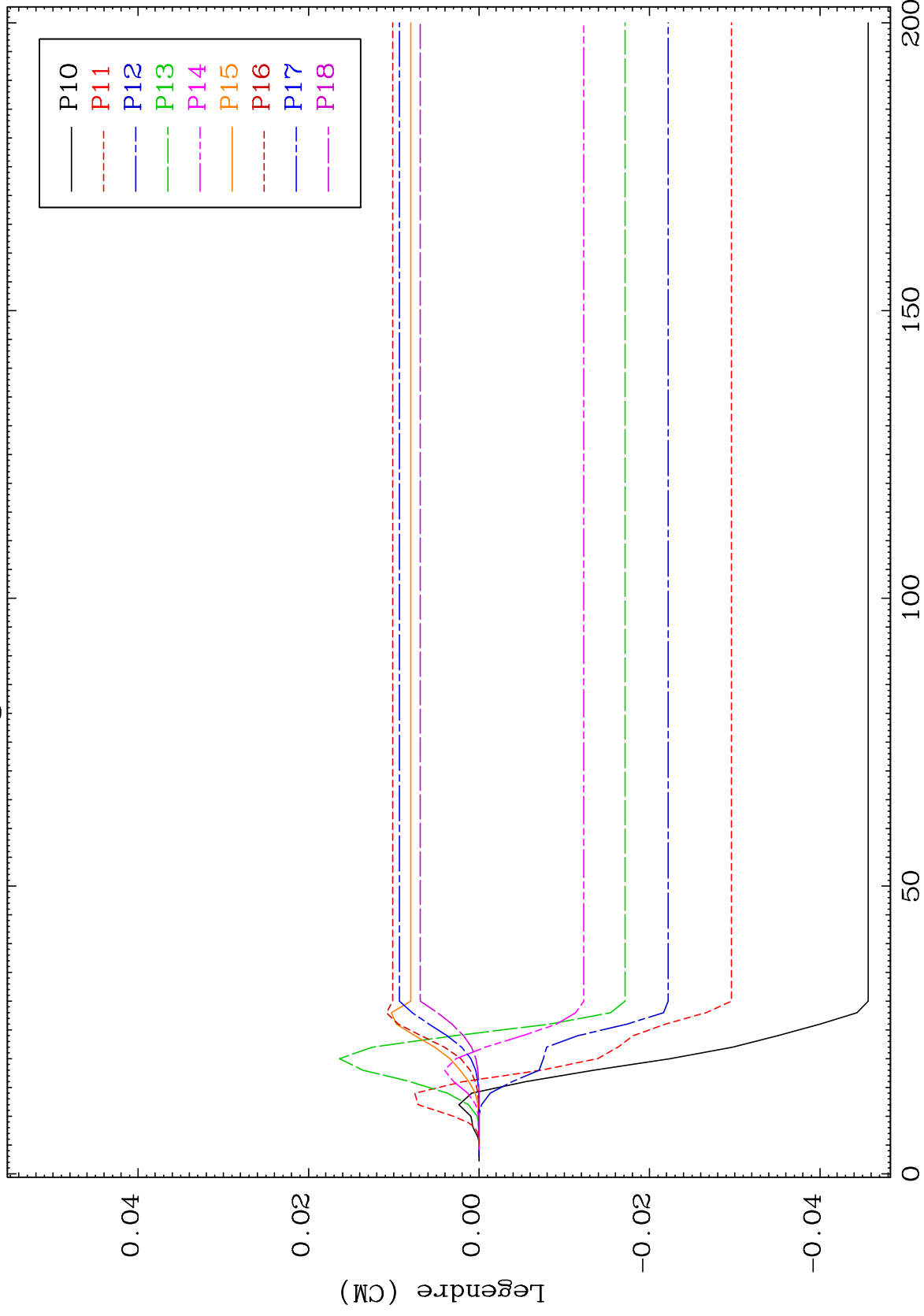




MAT 4434

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

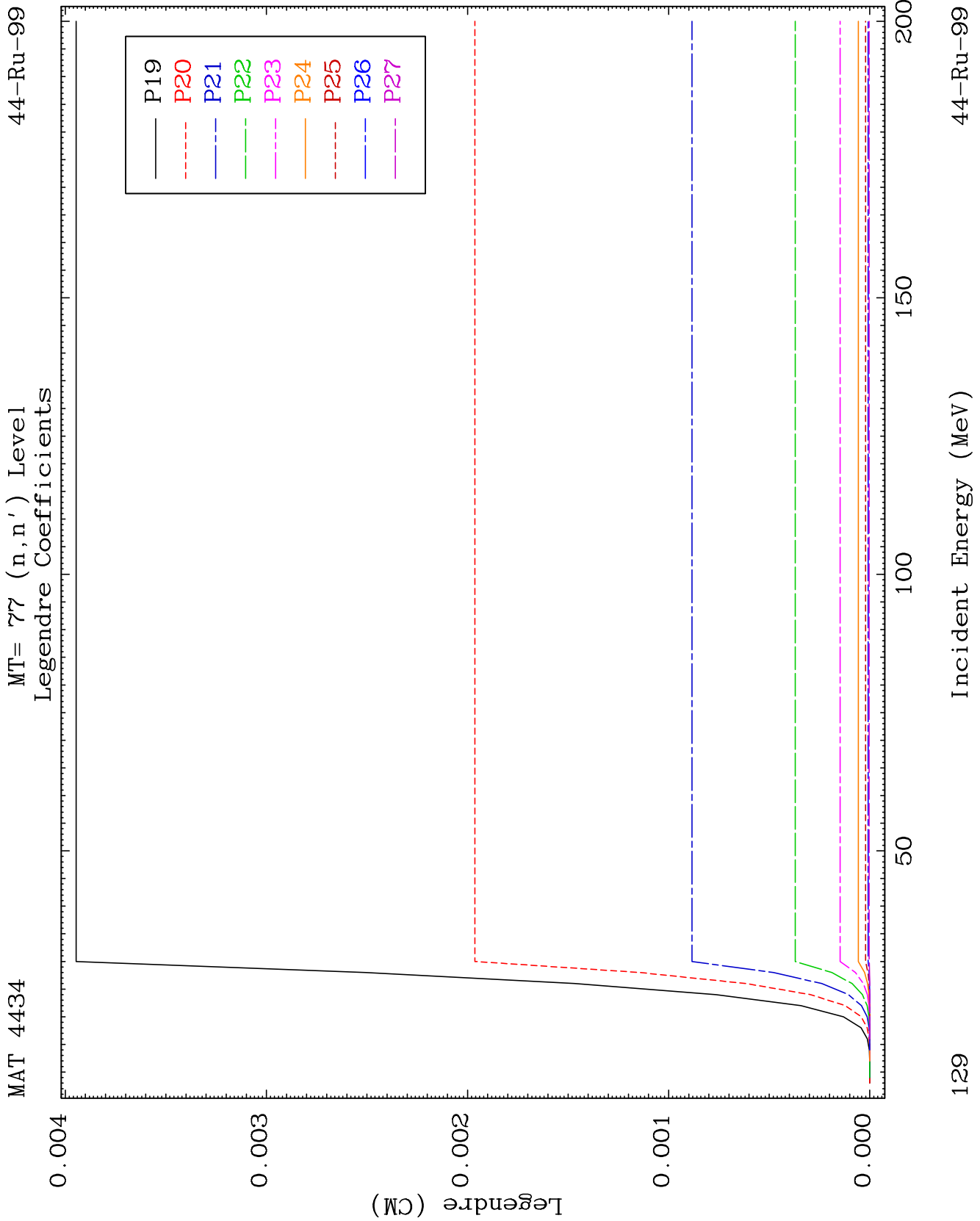
44-Ru-99



128

Incident Energy (MeV)

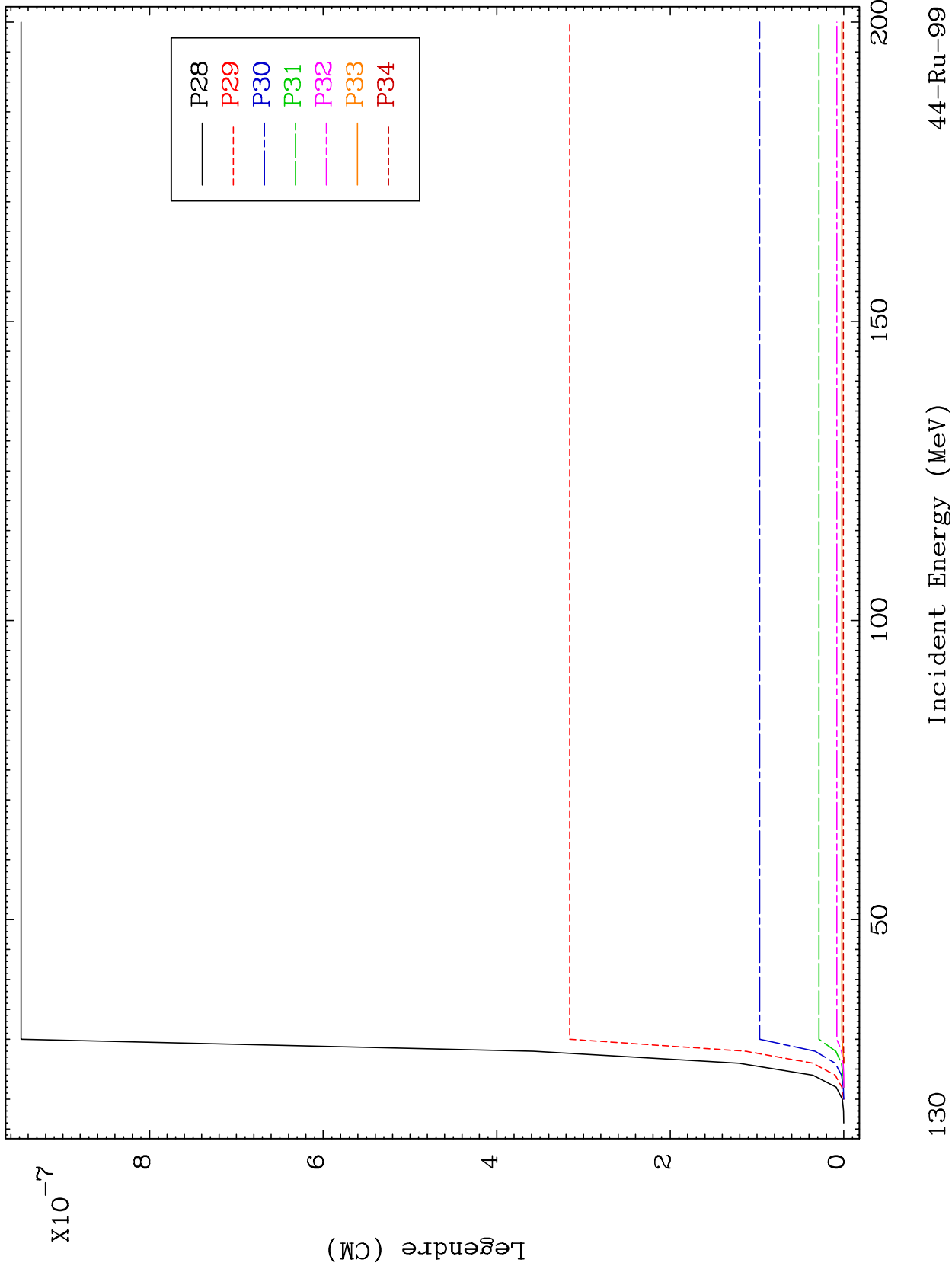
44-Ru-99



MAT 4434

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

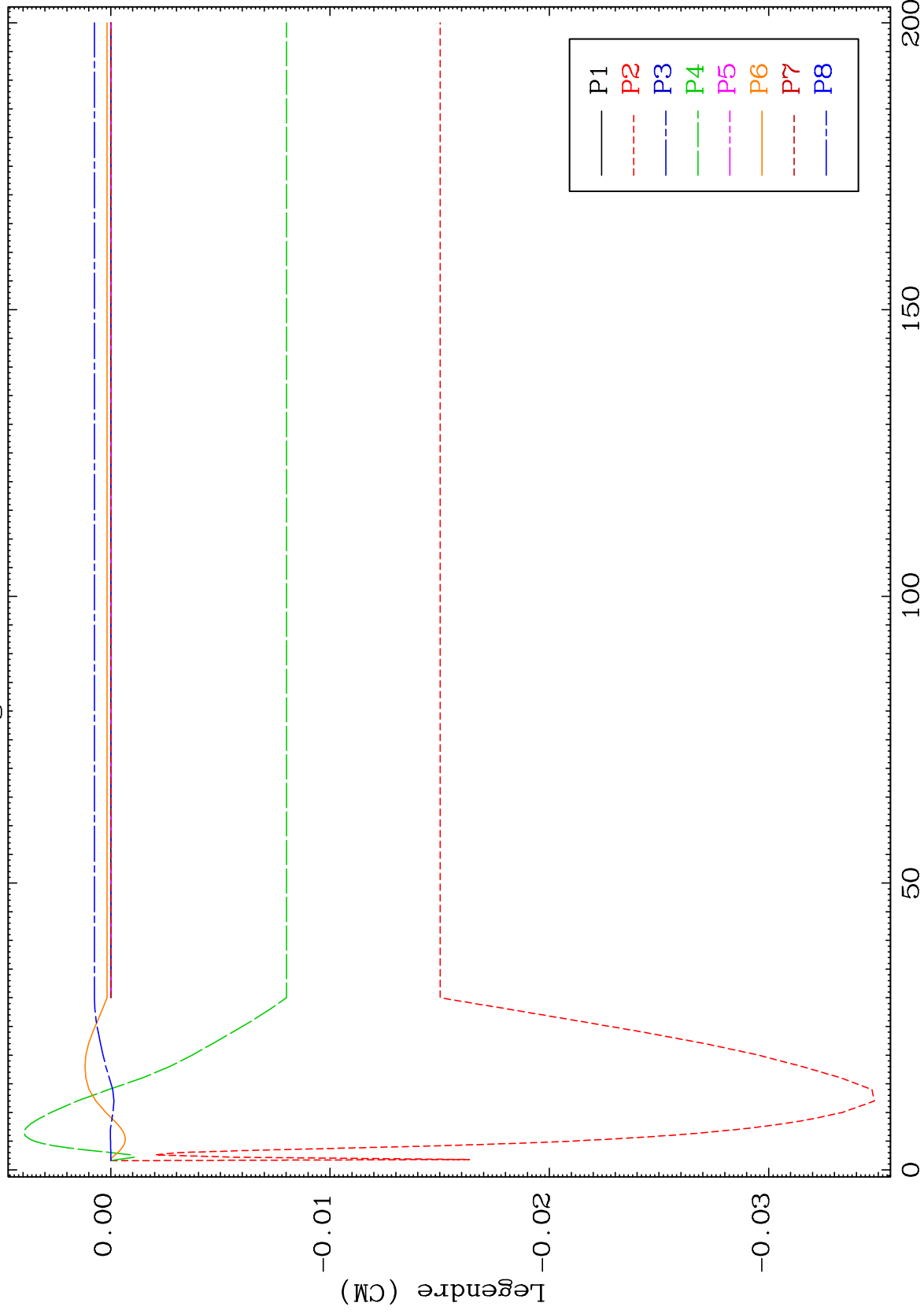
44-Ru-99



MAT 4434

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

44-Ru-99



131

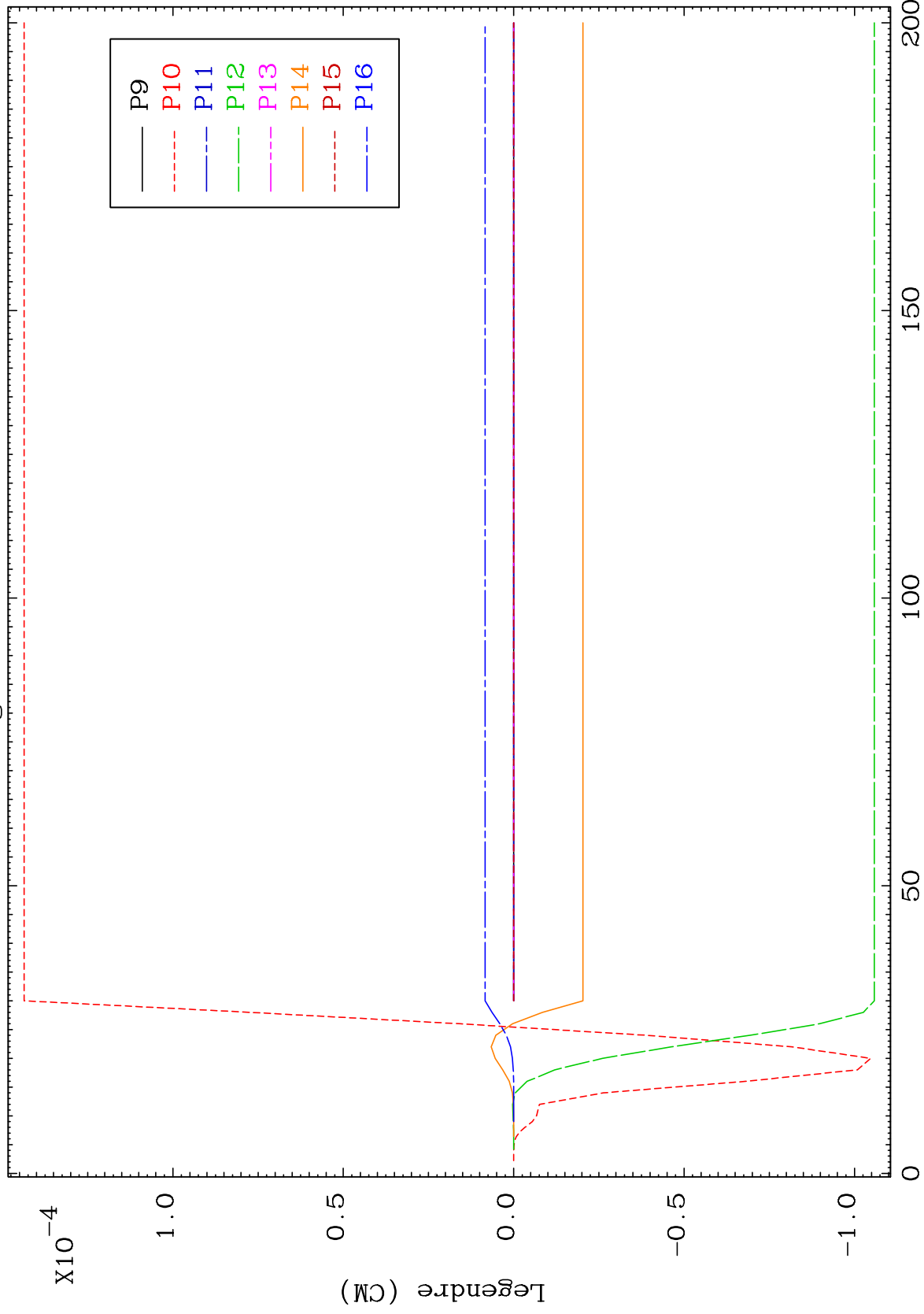
Incident Energy (MeV)

44-Ru-99

MAT 4434

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

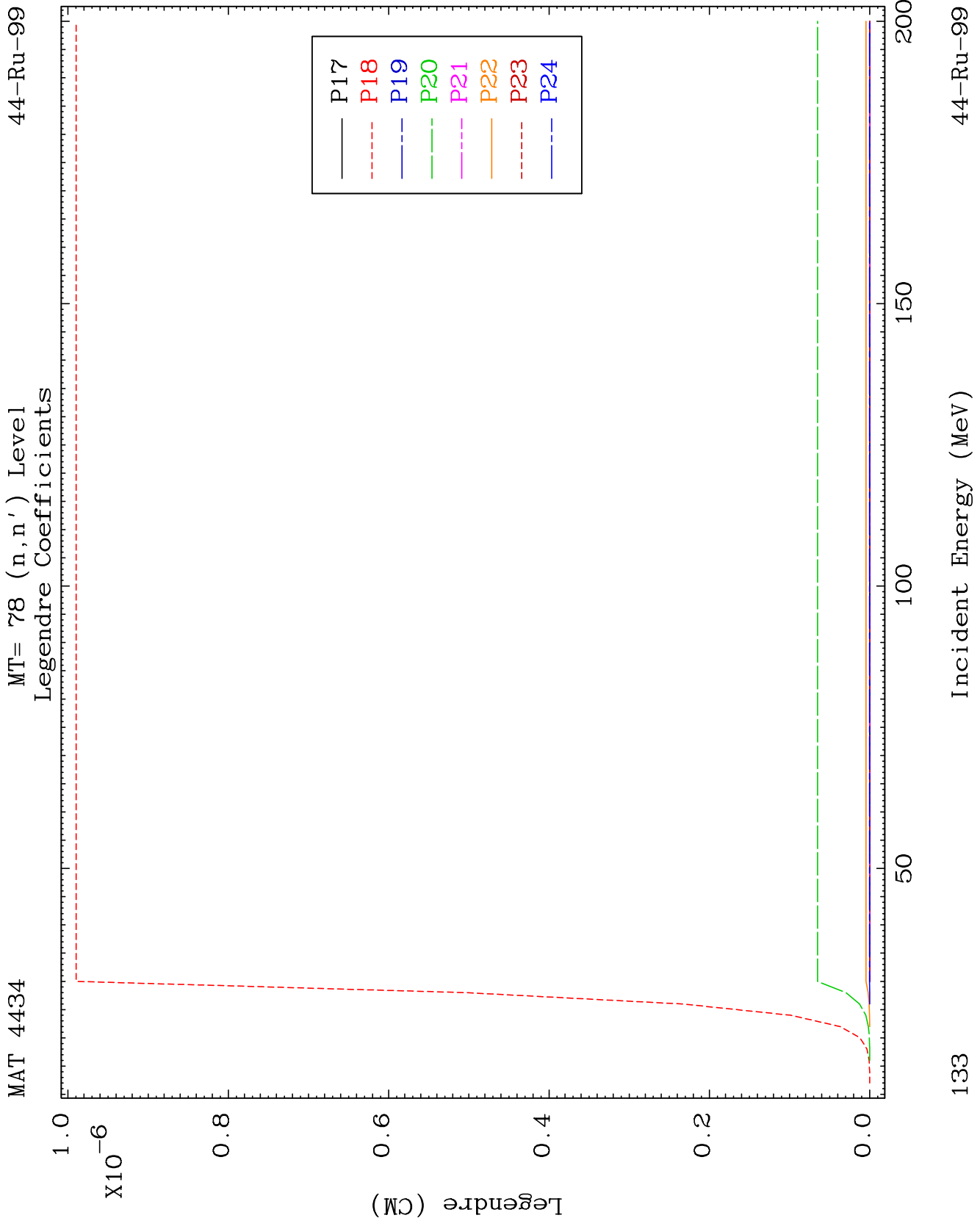
44-Ru-99



132

Incident Energy (MeV)

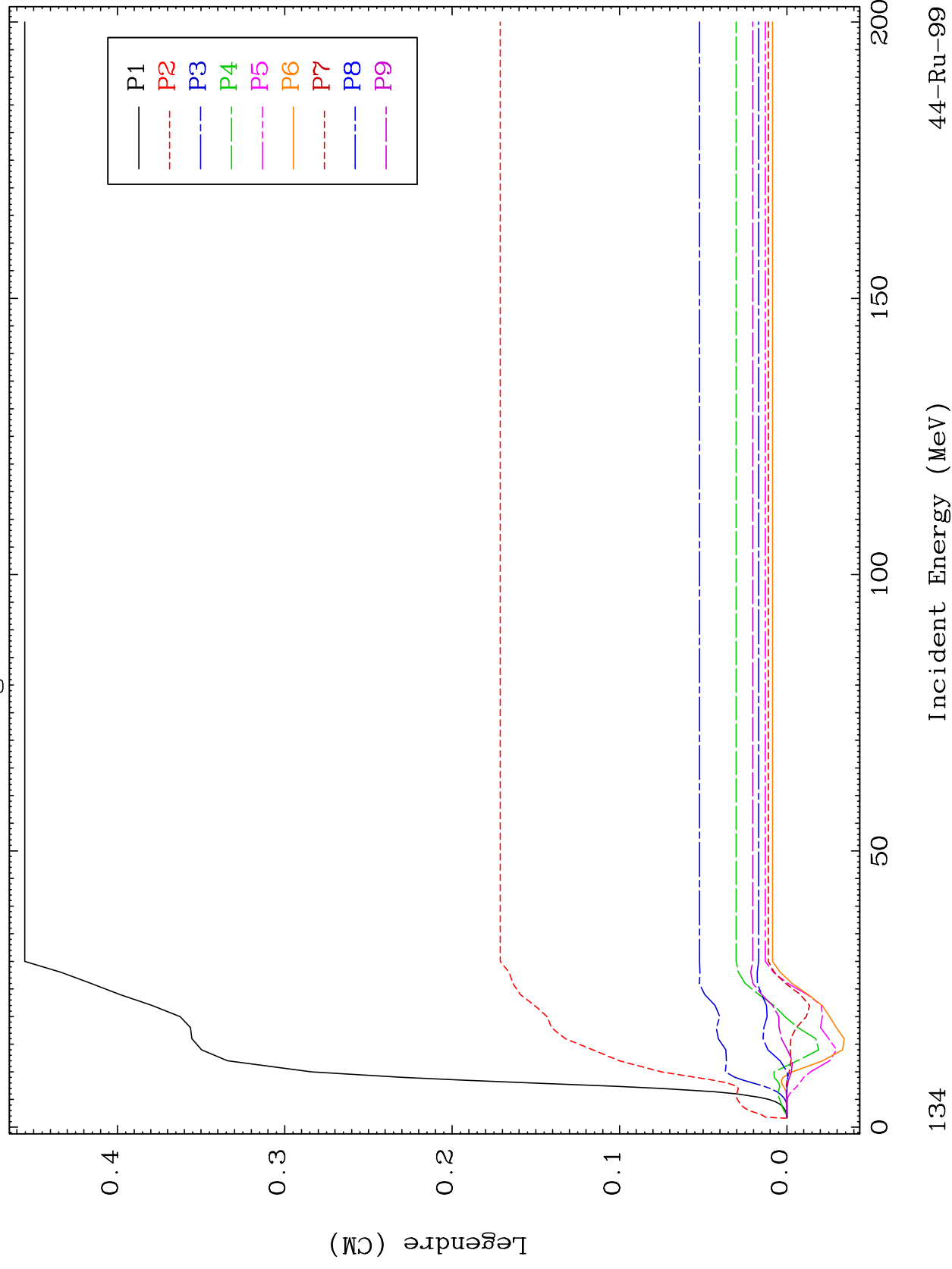
44-Ru-99



MAT 4434

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

44-Ru-99



134

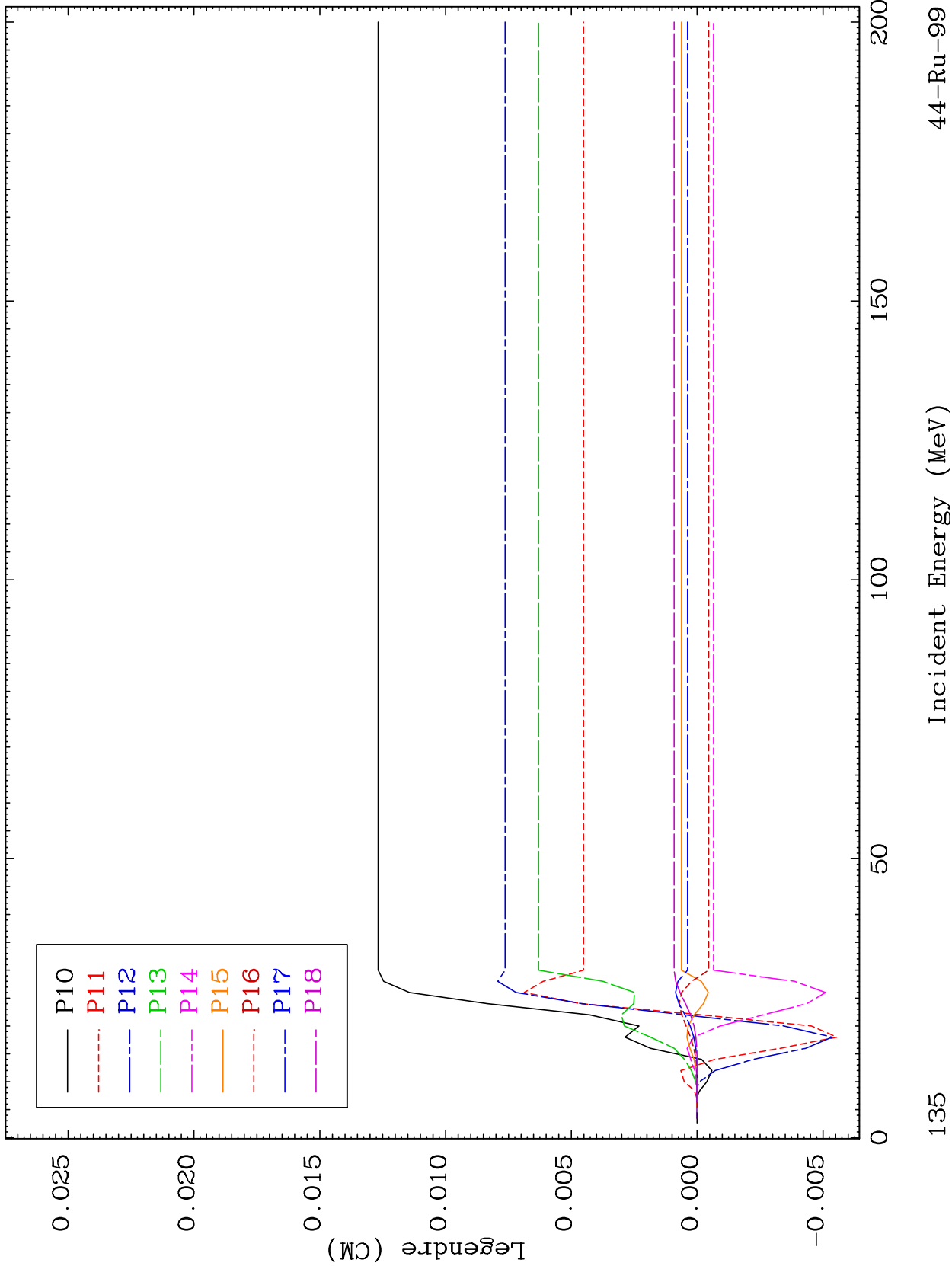
Incident Energy (MeV)

44-Ru-99

MAT 4434

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

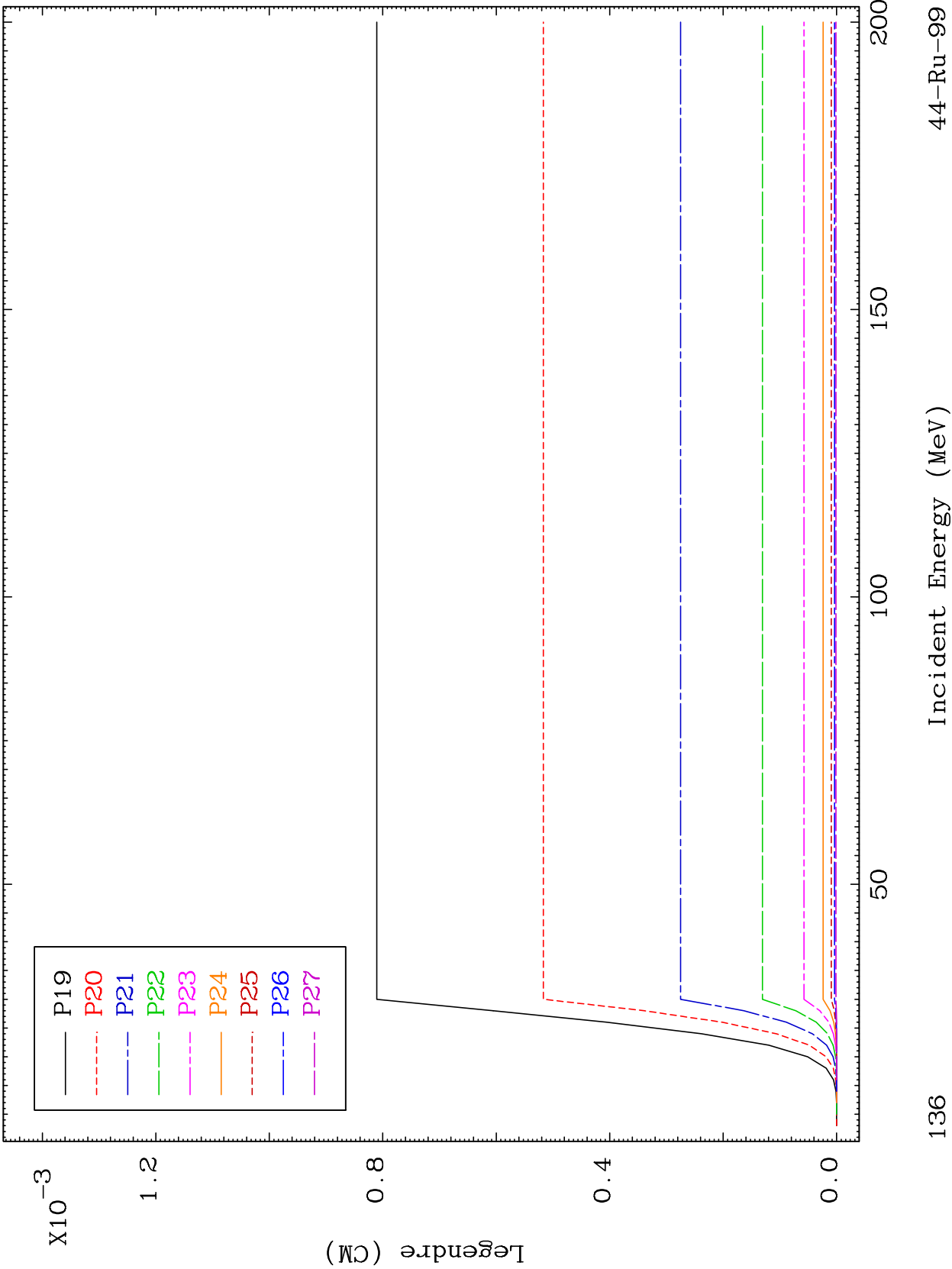
44-Ru-99

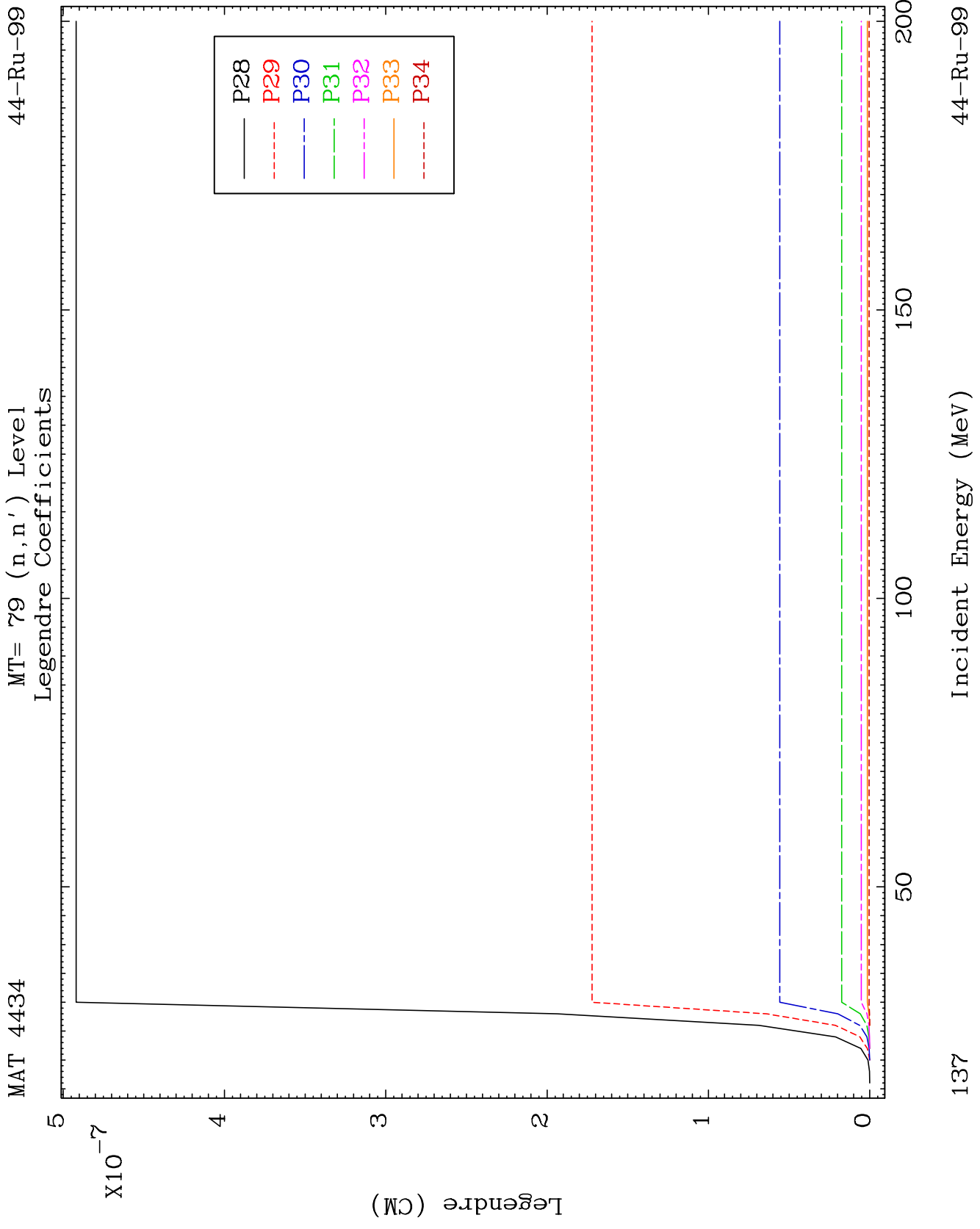


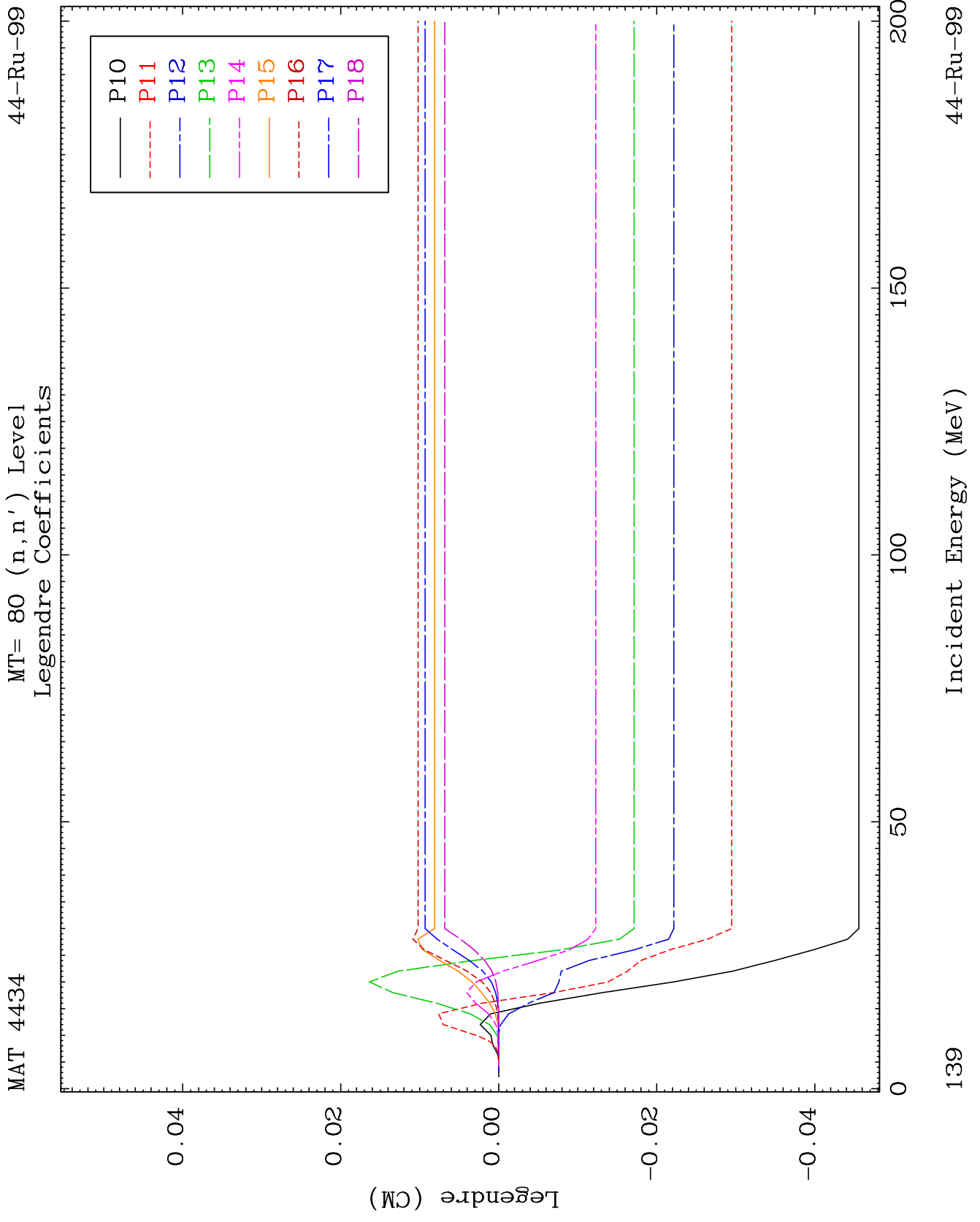
44-Ru-99

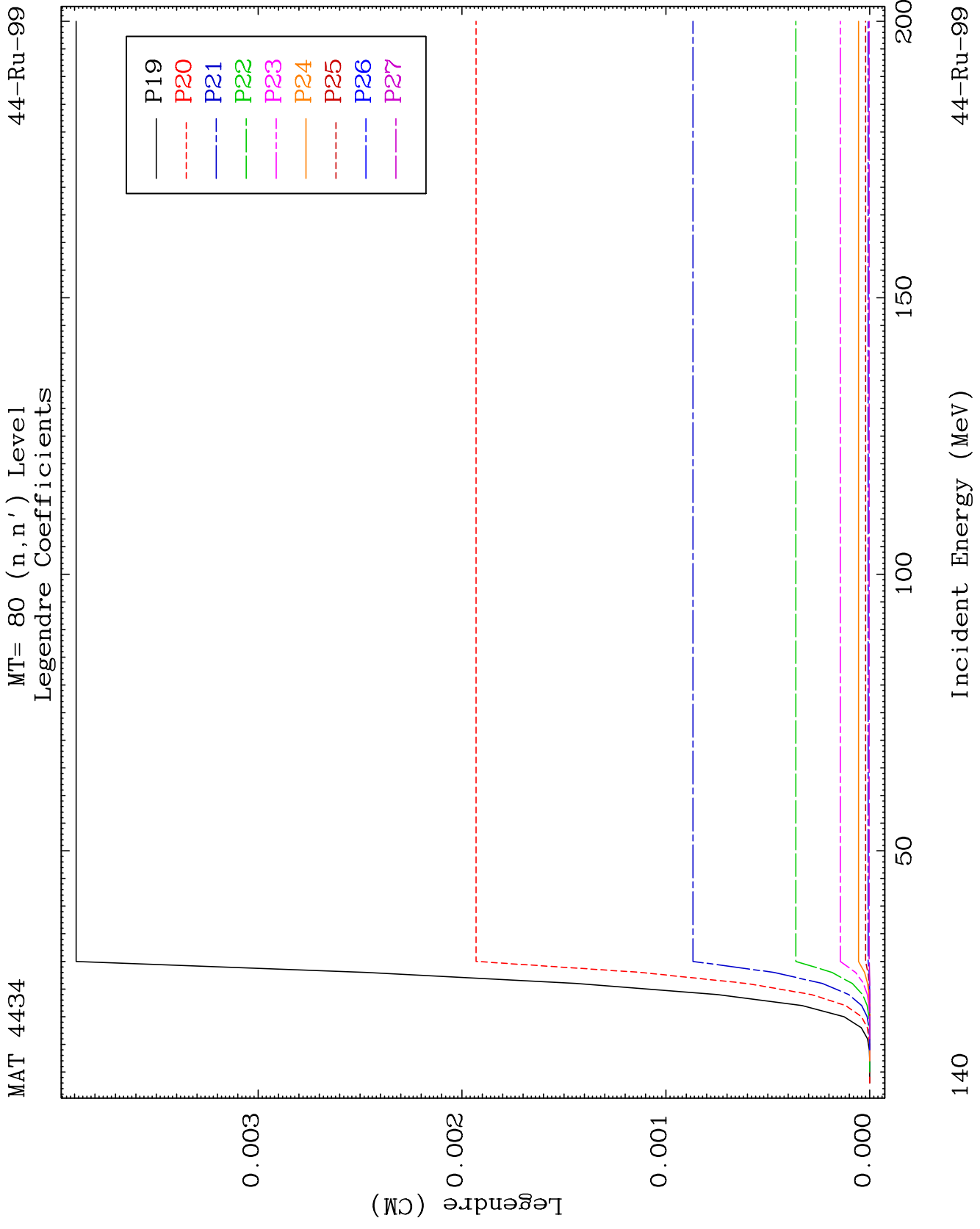
Incident Energy (MeV)

135





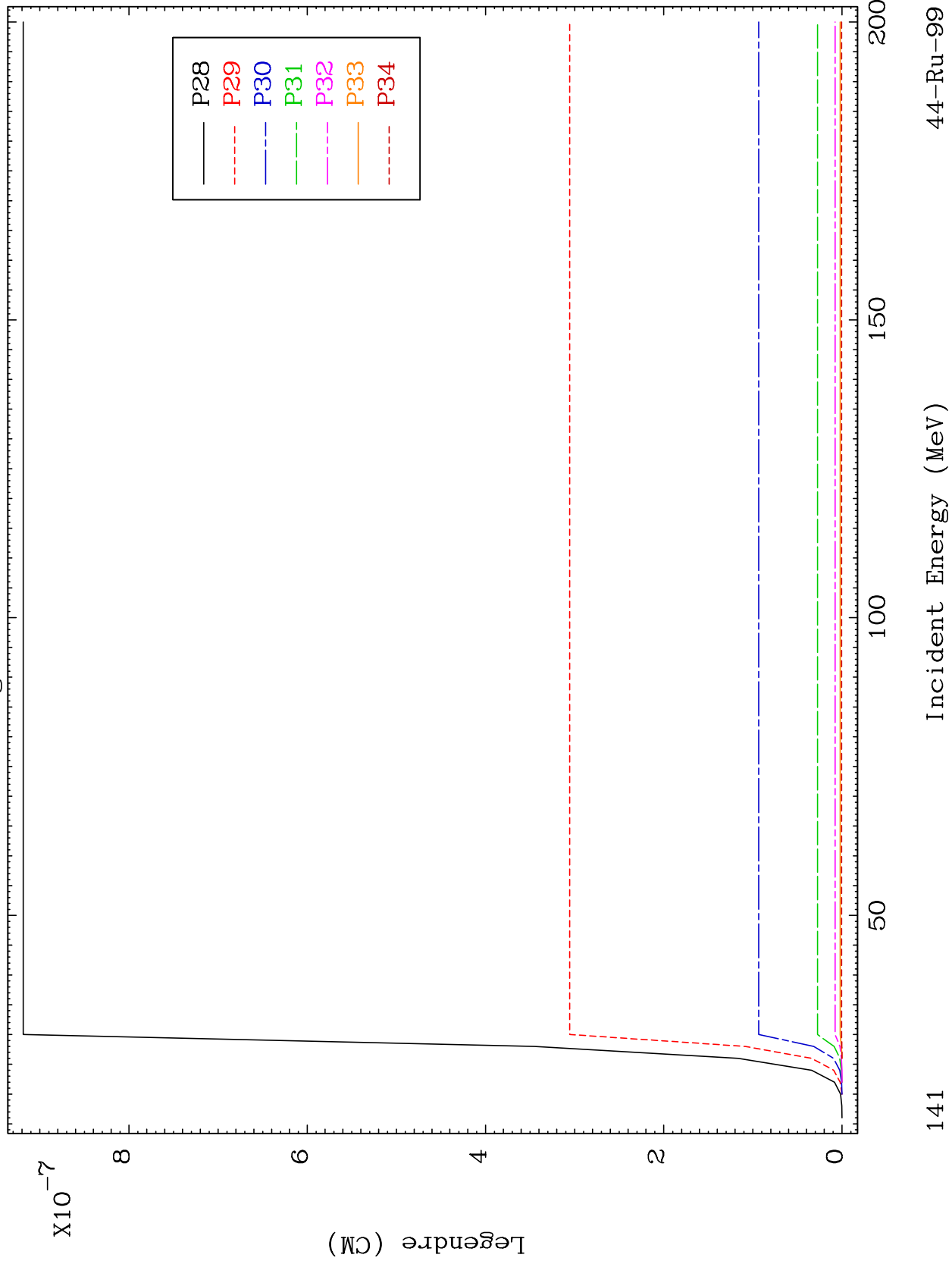




MAT 4434

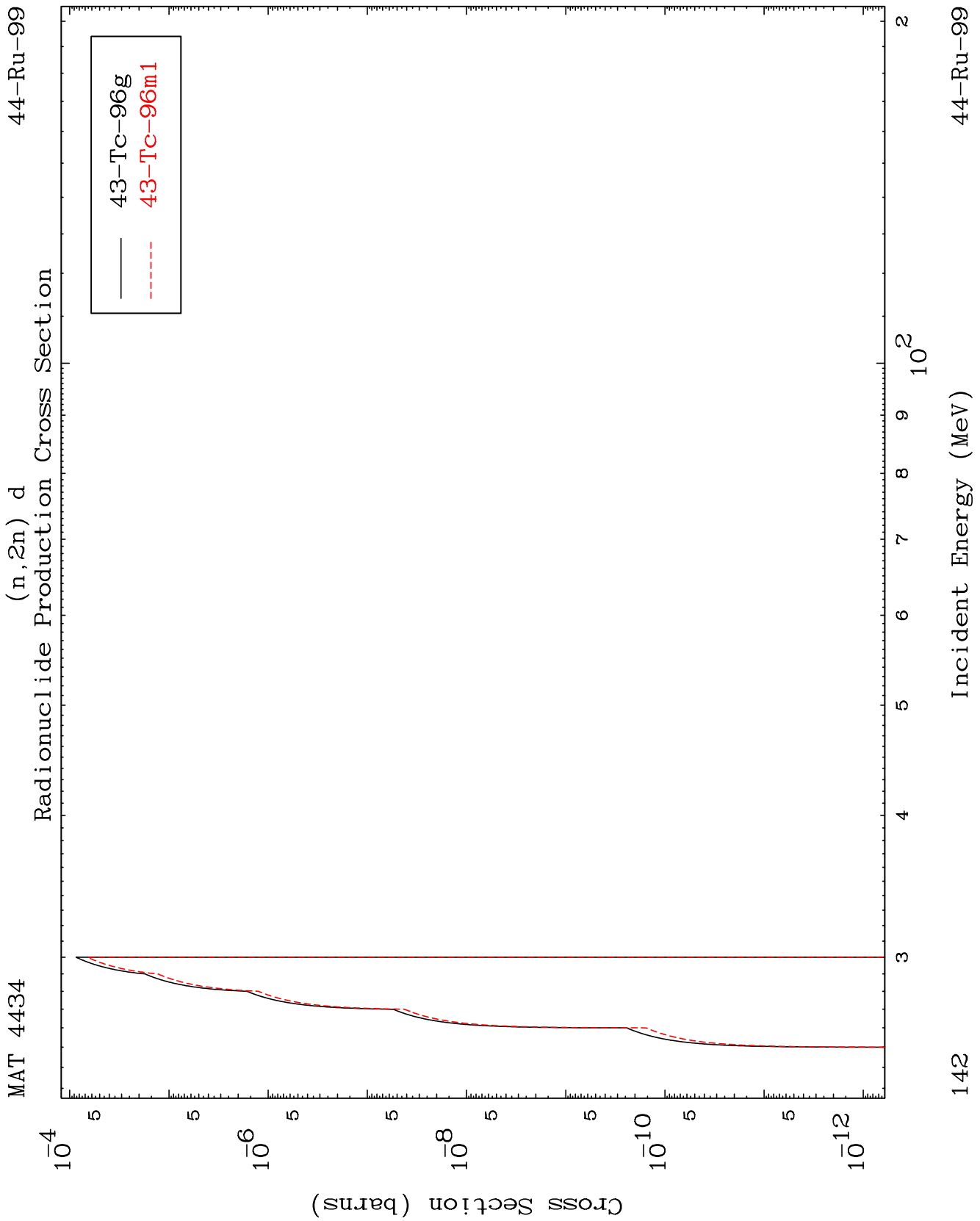
MT= 80 (n,n') Level
Legendre Coefficients

44-Ru-99



141

44-Ru-99

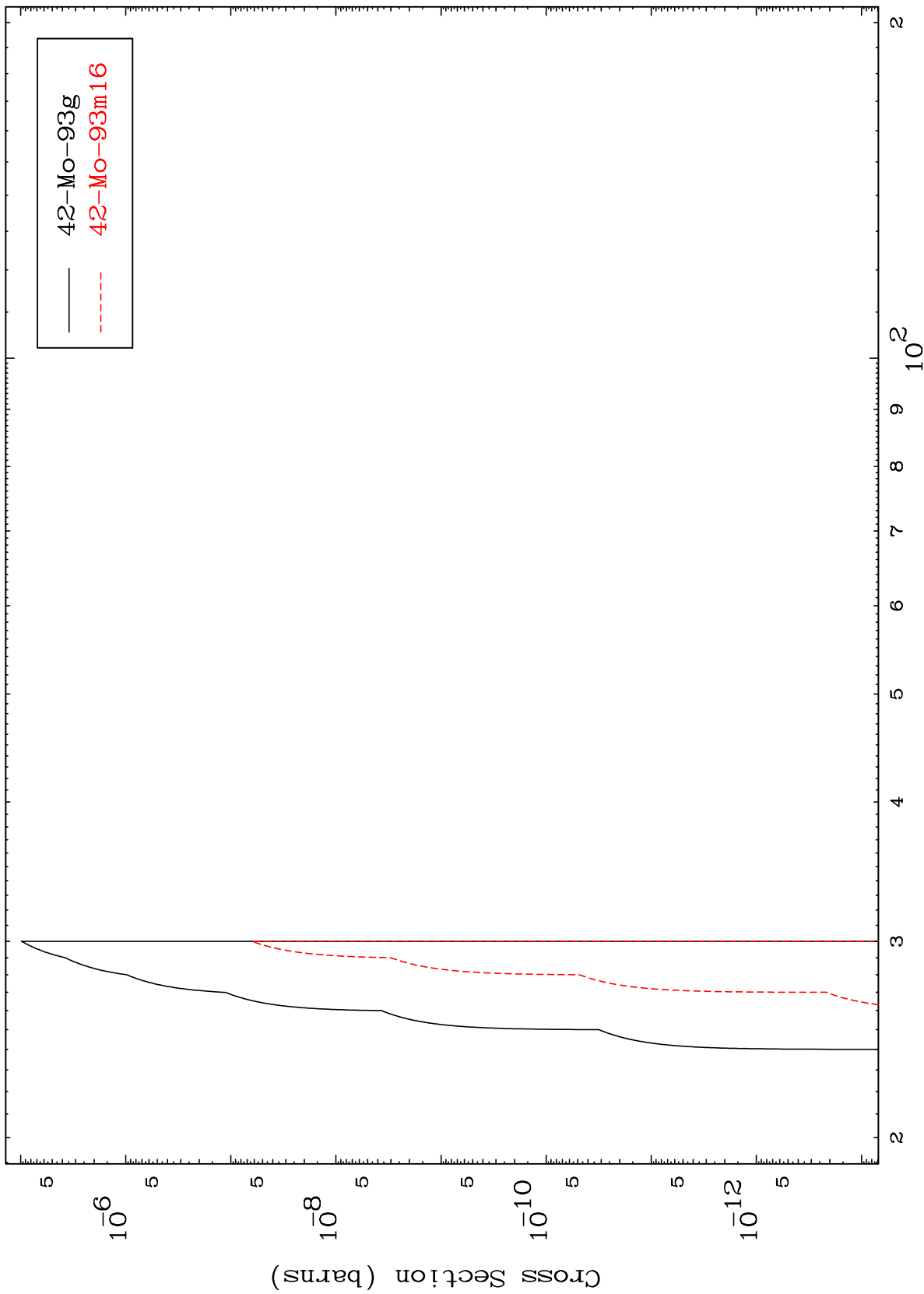


MAT 4434

(n,3n) α

44-Ru-99

Radionuclide Production Cross Section



143

Incident Energy (MeV)

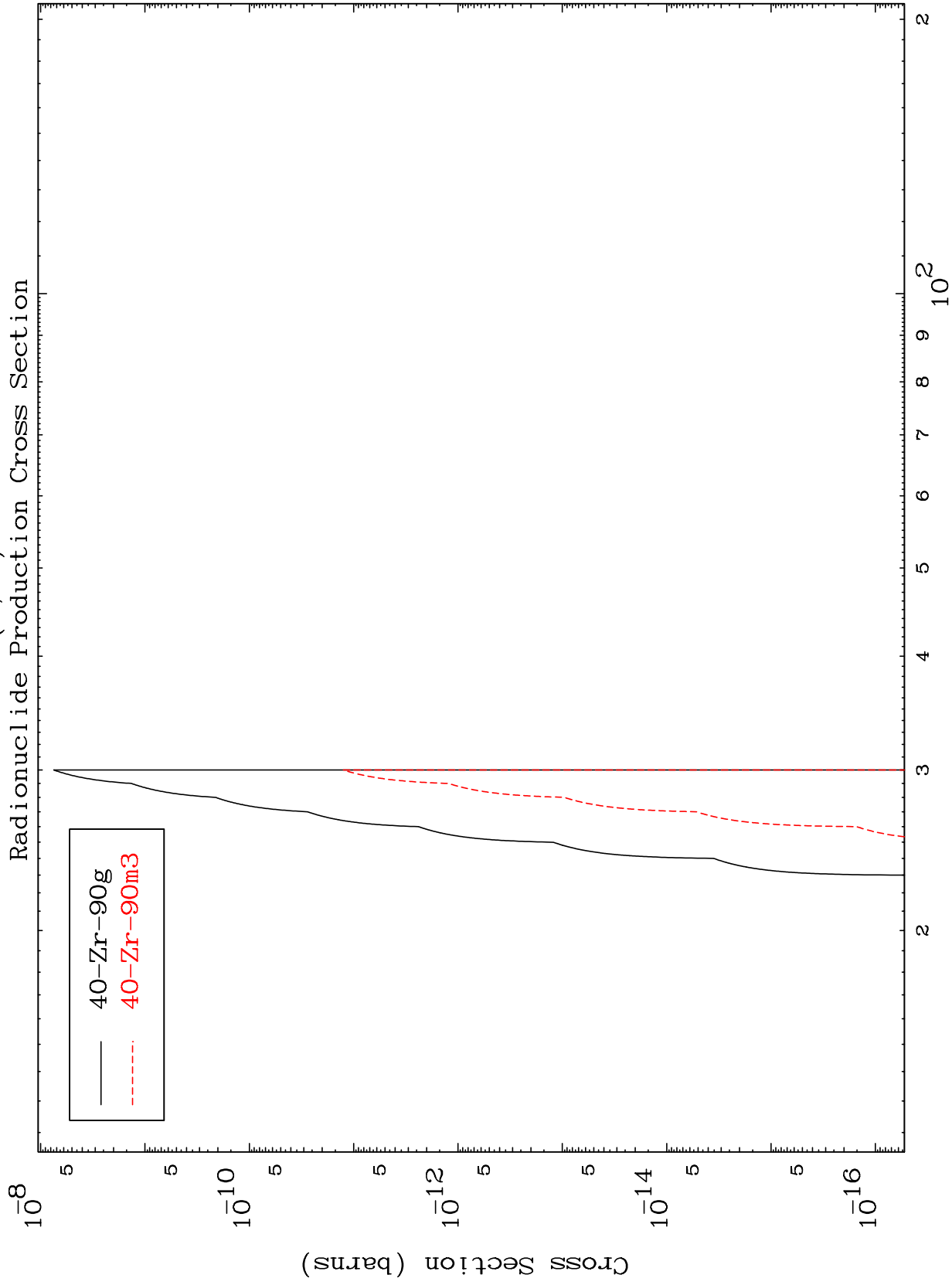
44-Ru-99

MAT 4434

(n,2n) 2α

44-Ru-99

Radionuclide Production Cross Section



144

Incident Energy (MeV)

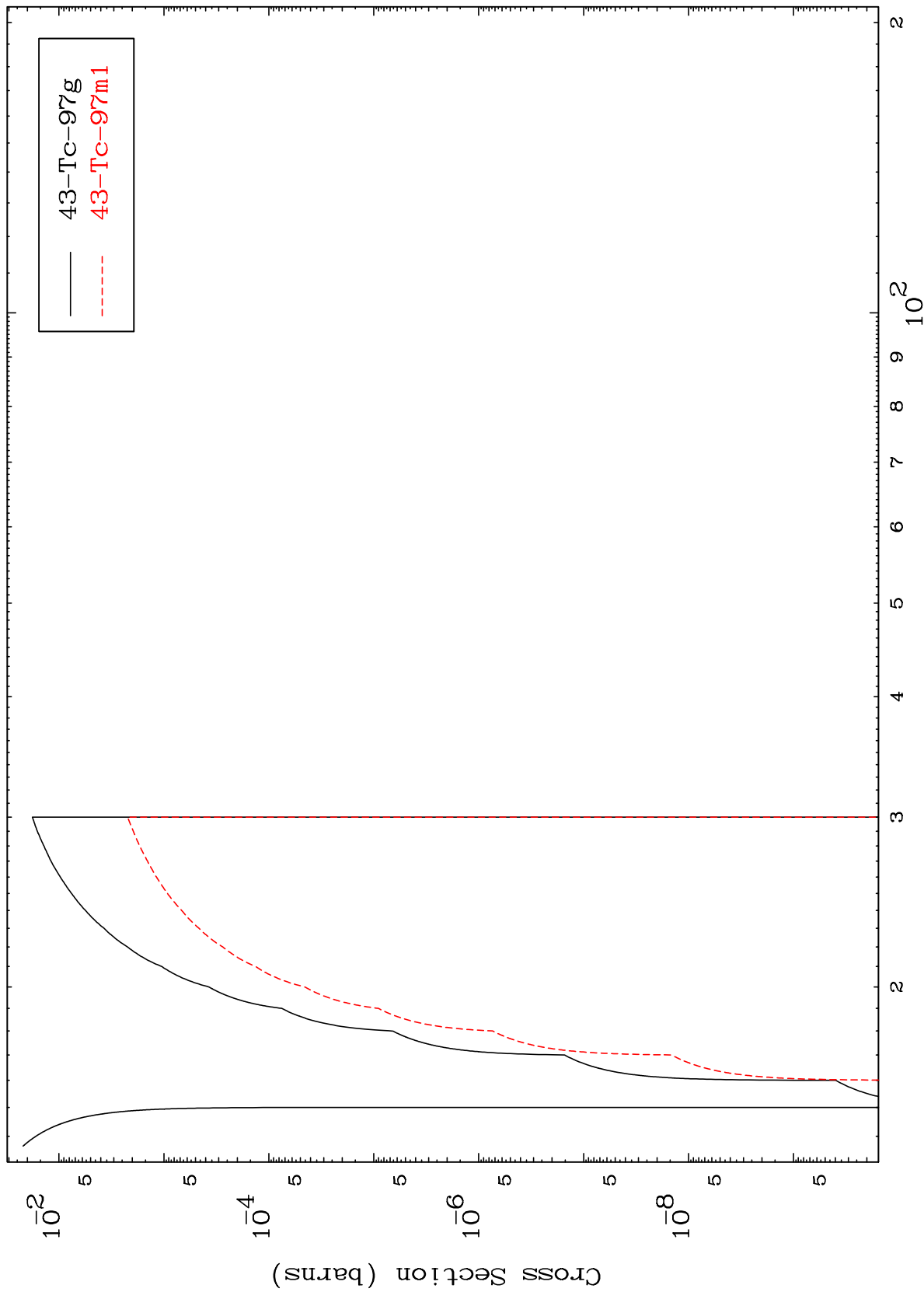
44-Ru-99

MAT 4434

(n,n') d

44-Ru-99

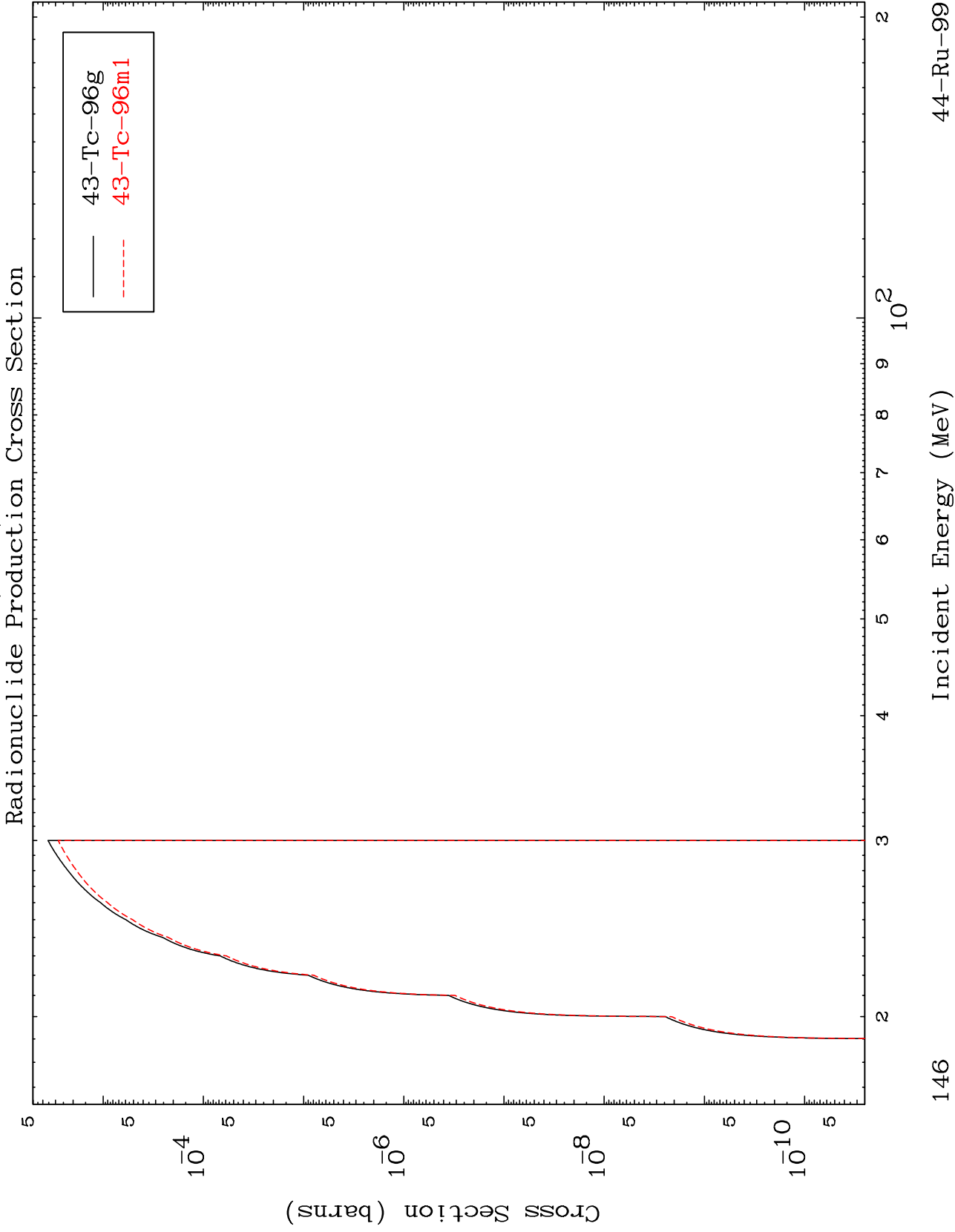
Radionuclide Production Cross Section



145

Incident Energy (MeV)

44-Ru-99

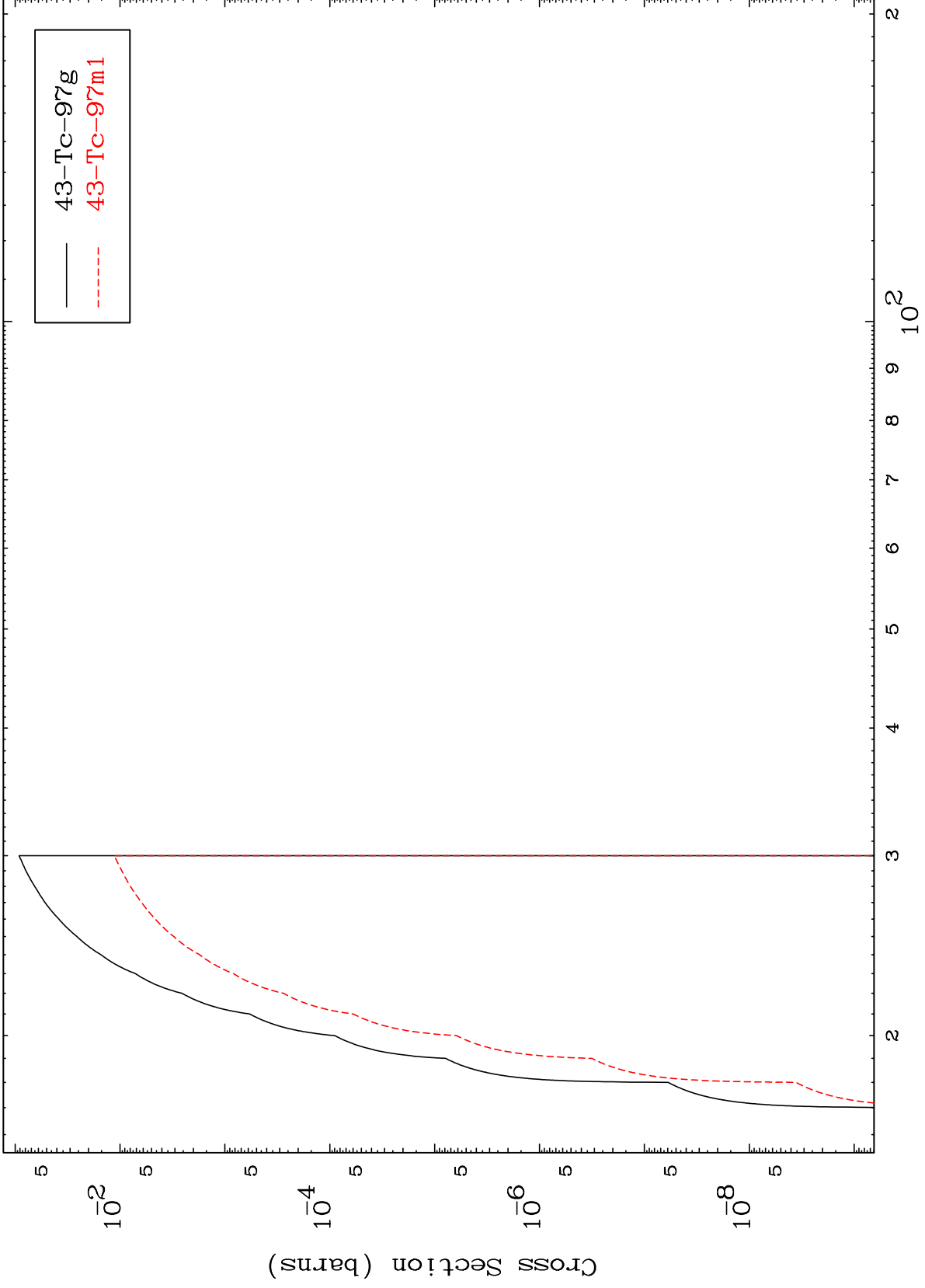


MAT 4434

(n,2n) p

44-Ru-99

Radionuclide Production Cross Section

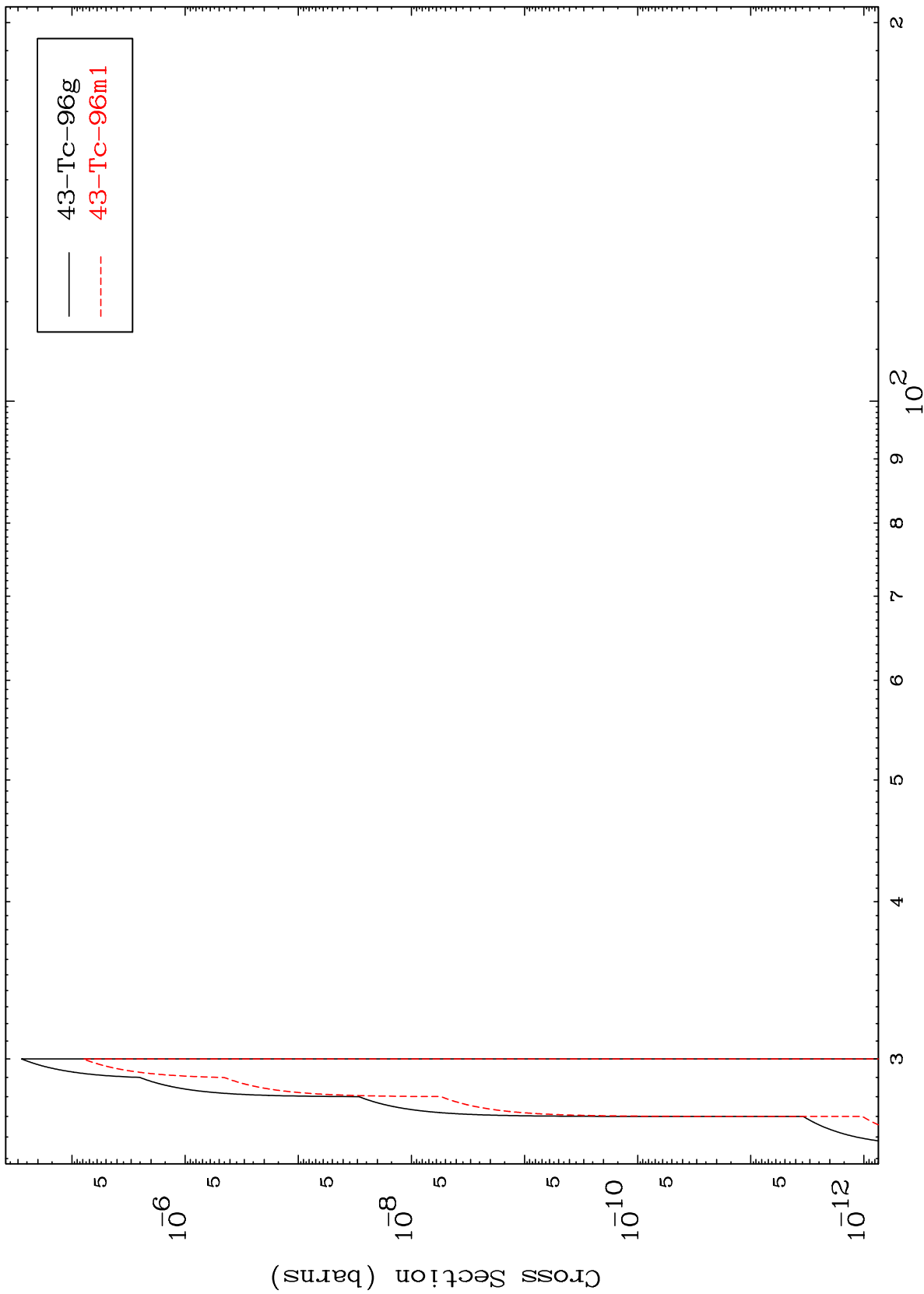


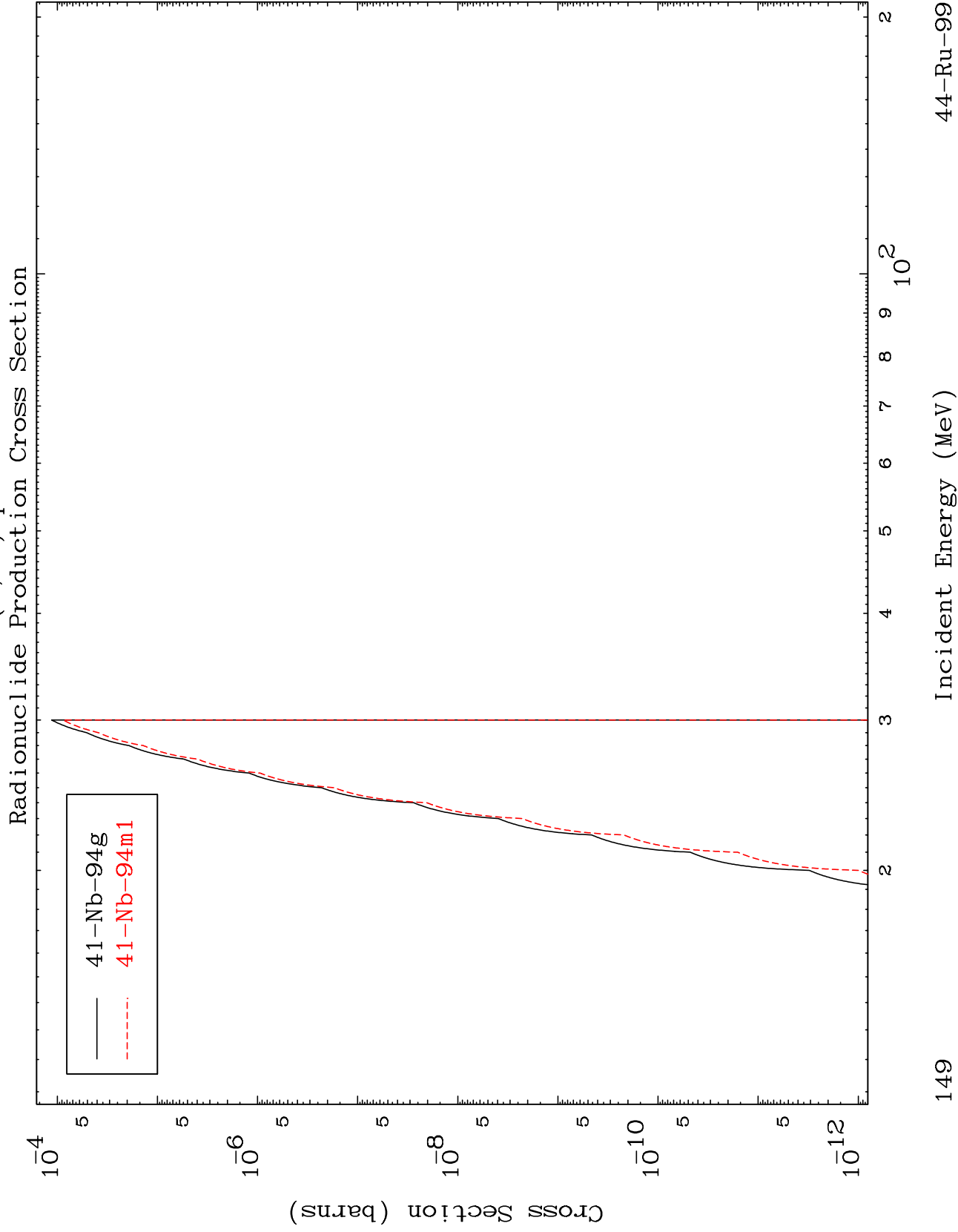
147

Incident Energy (MeV)

44-Ru-99

(n,3n) p
Radionuclide Production Cross Section

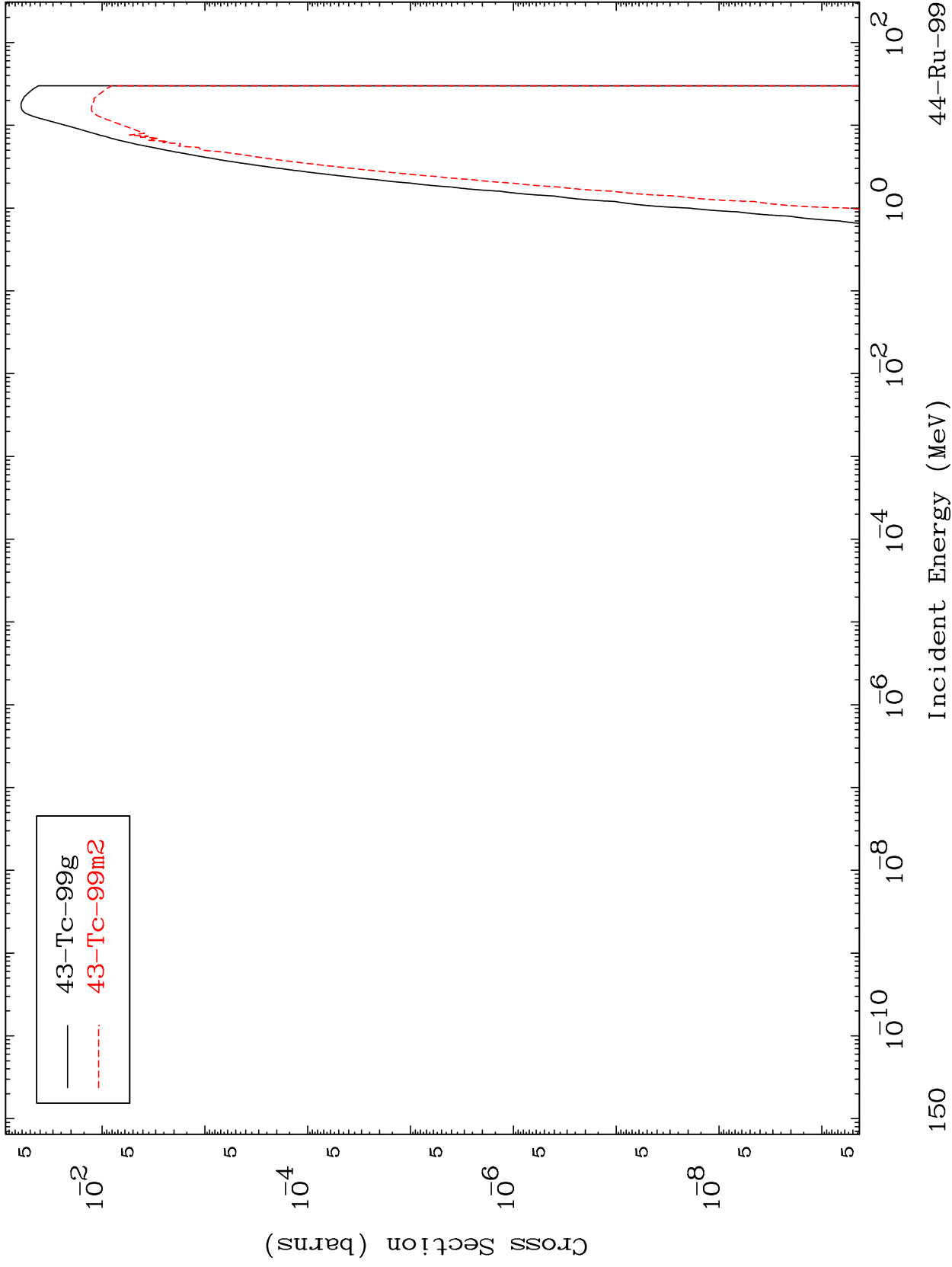




MAT 4434

Radionuclide Production Cross Section
(n,p)

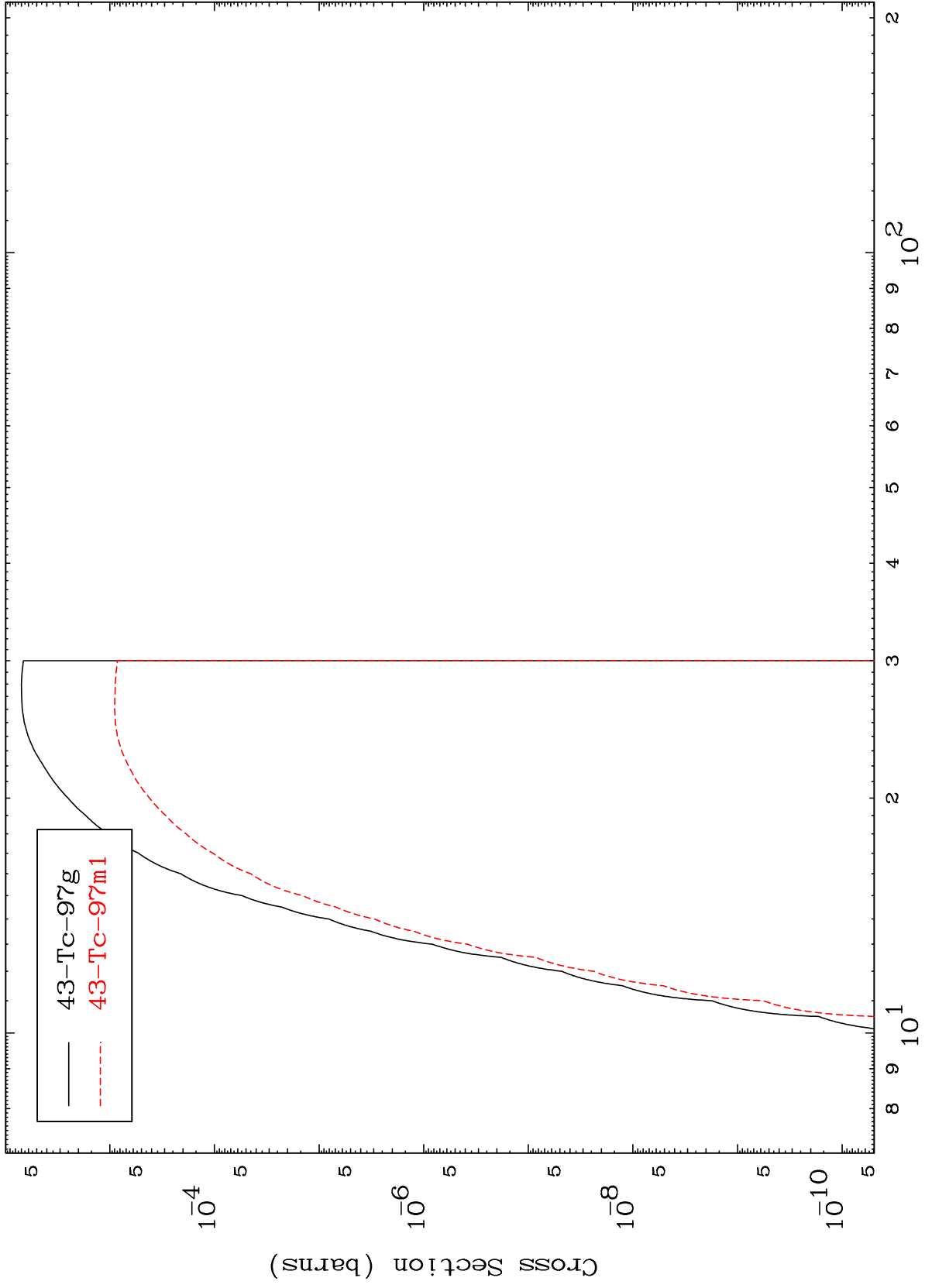
44-Ru-99



MAT 4434

44-Ru-99

(n, t)
Radionuclide Production Cross Section



151

Incident Energy (MeV)

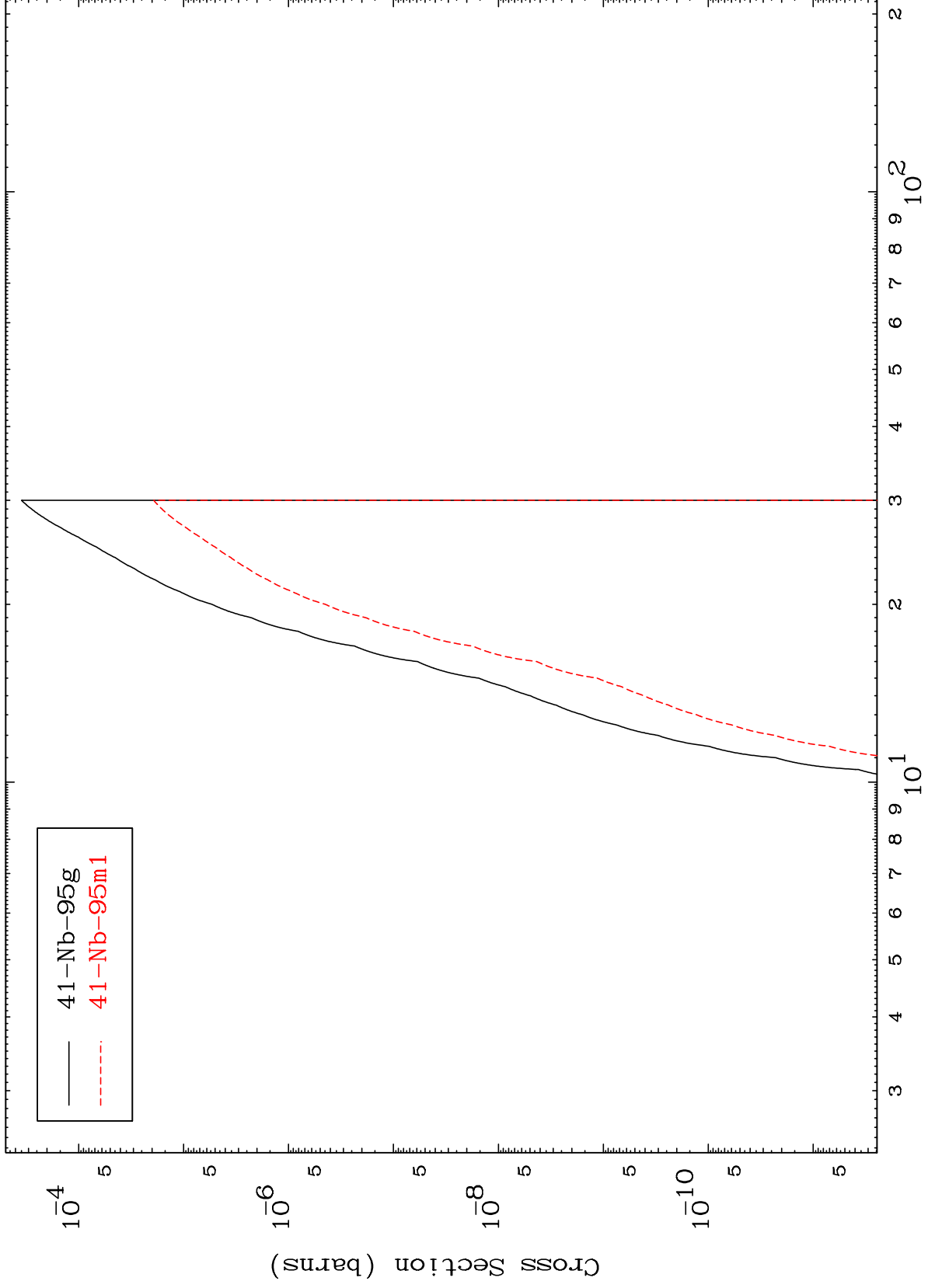
44-Ru-99

MAT 4434

(n,p) α

44-Ru-99

Radionuclide Production Cross Section



— 41-Nb-95g
- - - 41-Nb-95m1

152

Incident Energy (MeV)

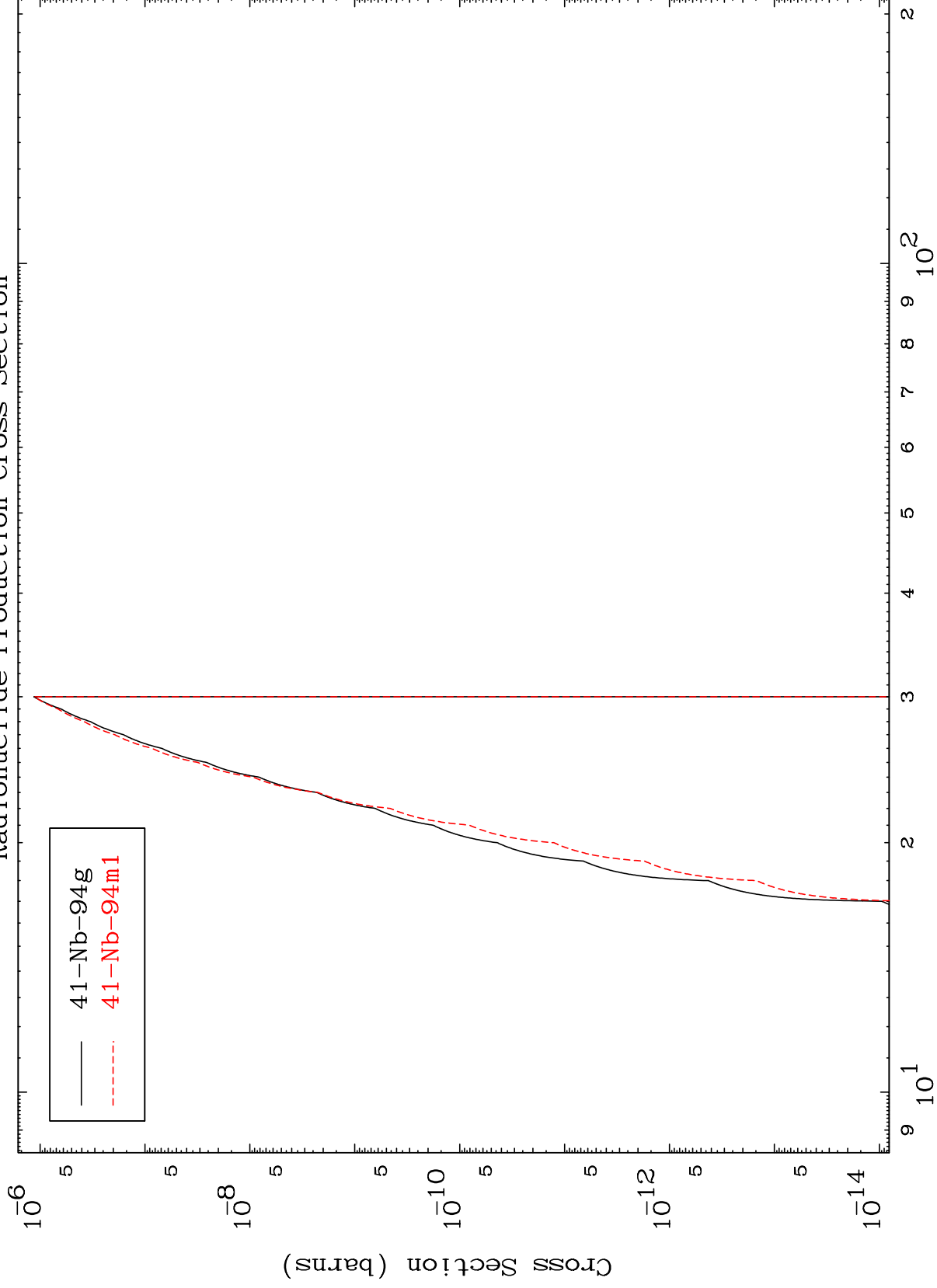
44-Ru-99

MAT 4434

(n,d) α

44-Ru-99

Radionuclide Production Cross Section



153

Incident Energy (MeV)

44-Ru-99