

Program EVALPLOT
(Version 2021-1)

by

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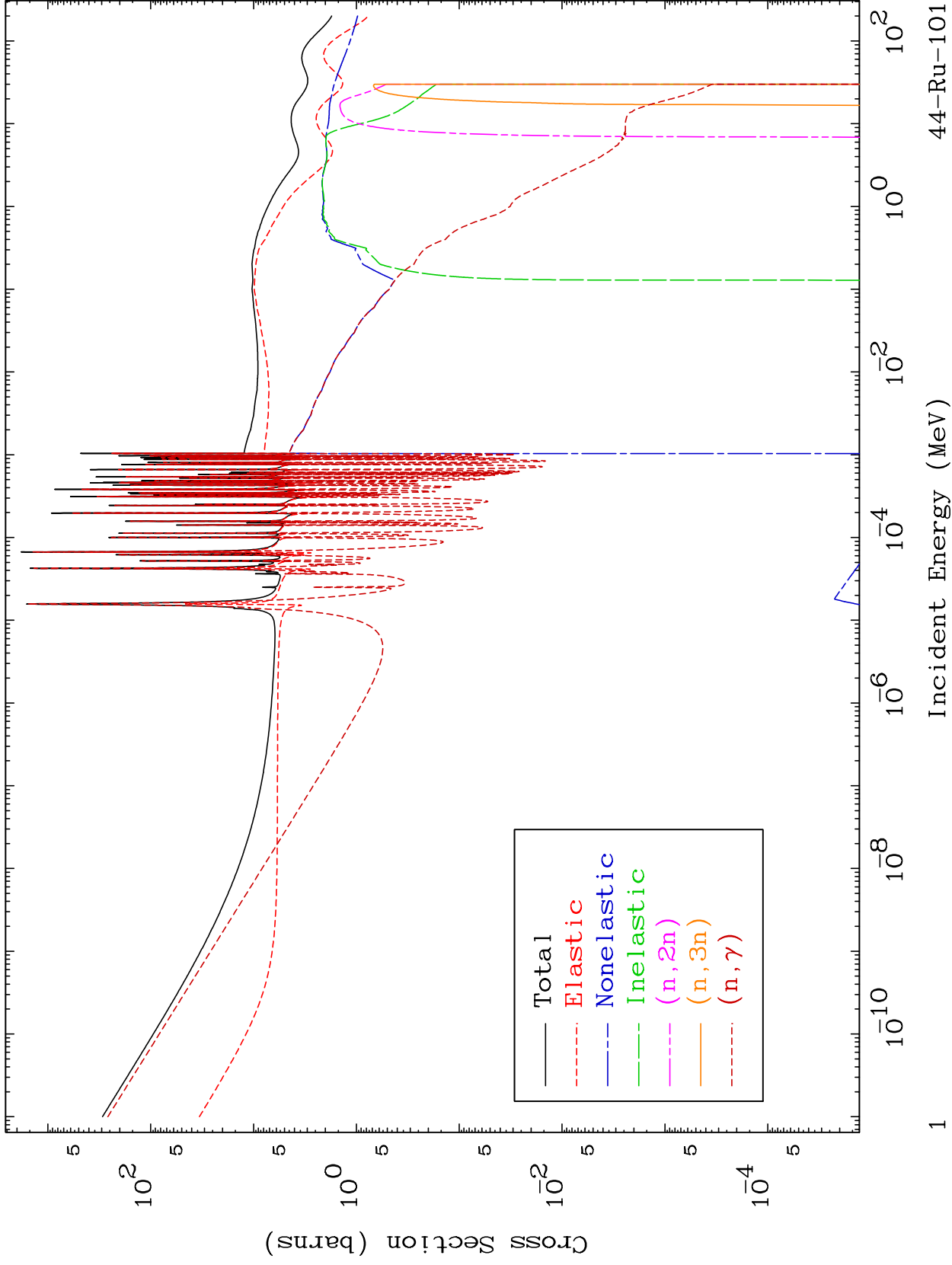
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Press Mouse Button to Start

MAT 4440

Neutron Major
293 Kelvin Cross Sections

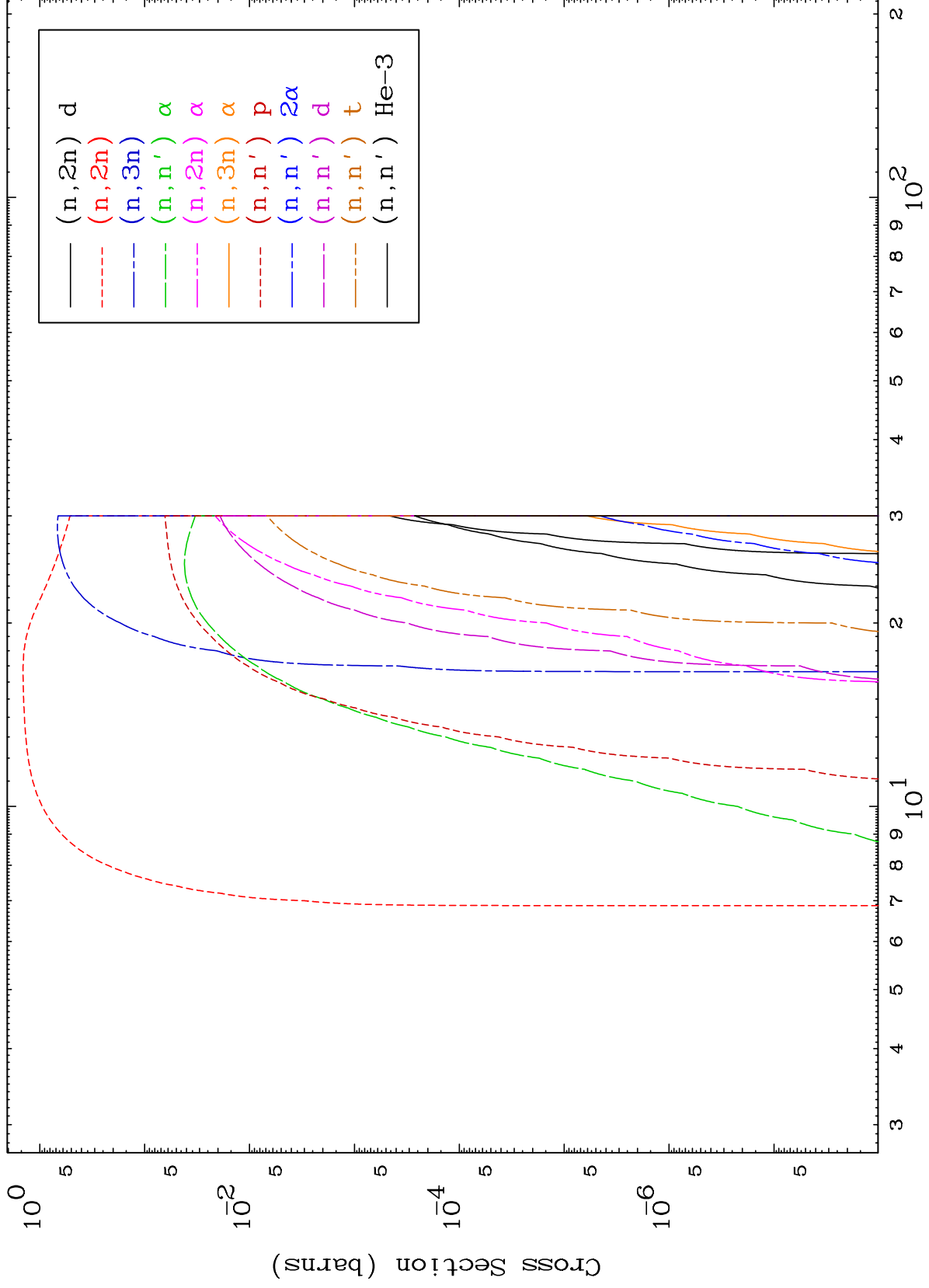
44-Ru-101



MAT 4440

Neutron Absorption
293 Kelvin Cross Sections

44-Ru-101



2

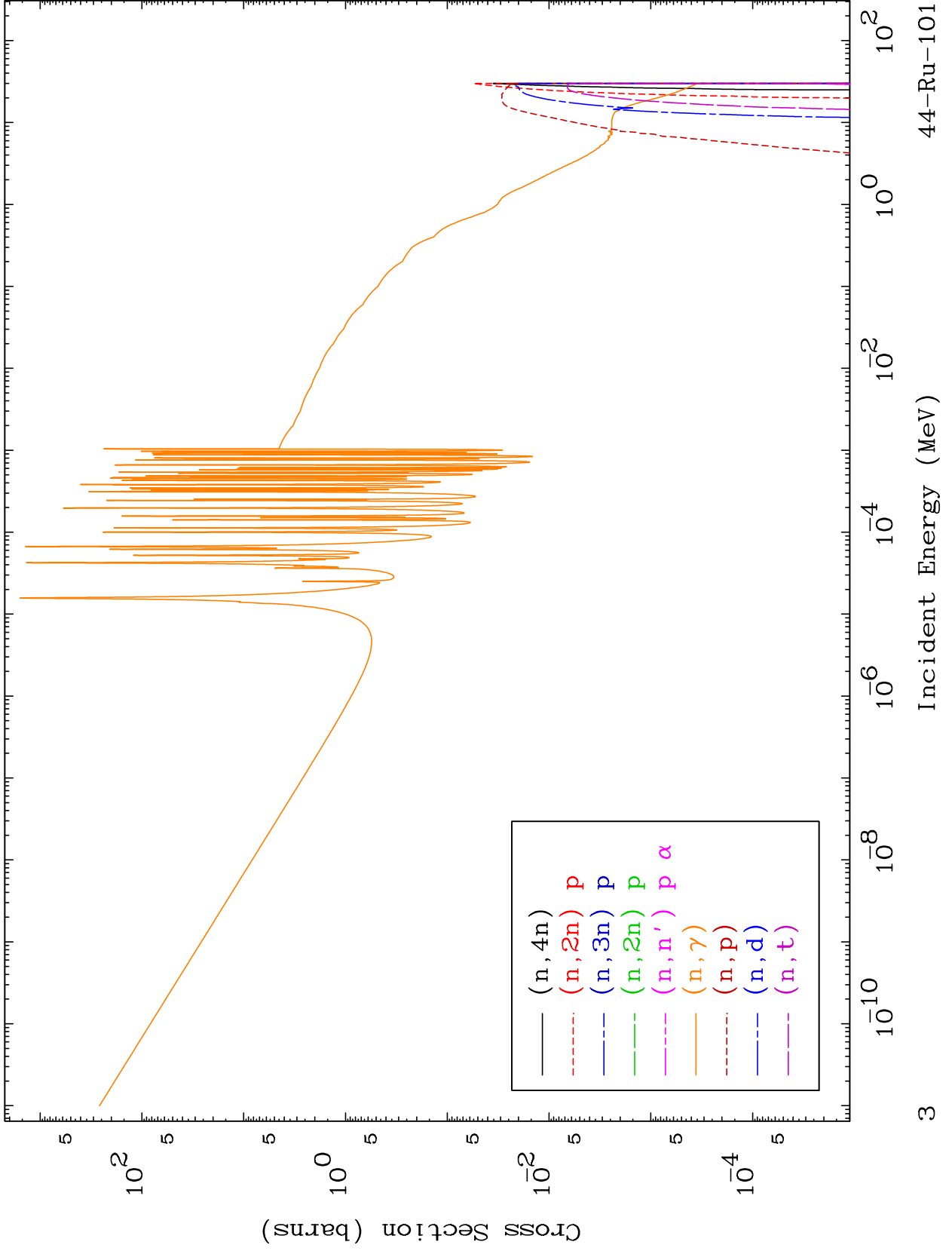
Incident Energy (MeV)

44-Ru-101

MAT 4440

Neutron Absorption
293 Kelvin Cross Sections

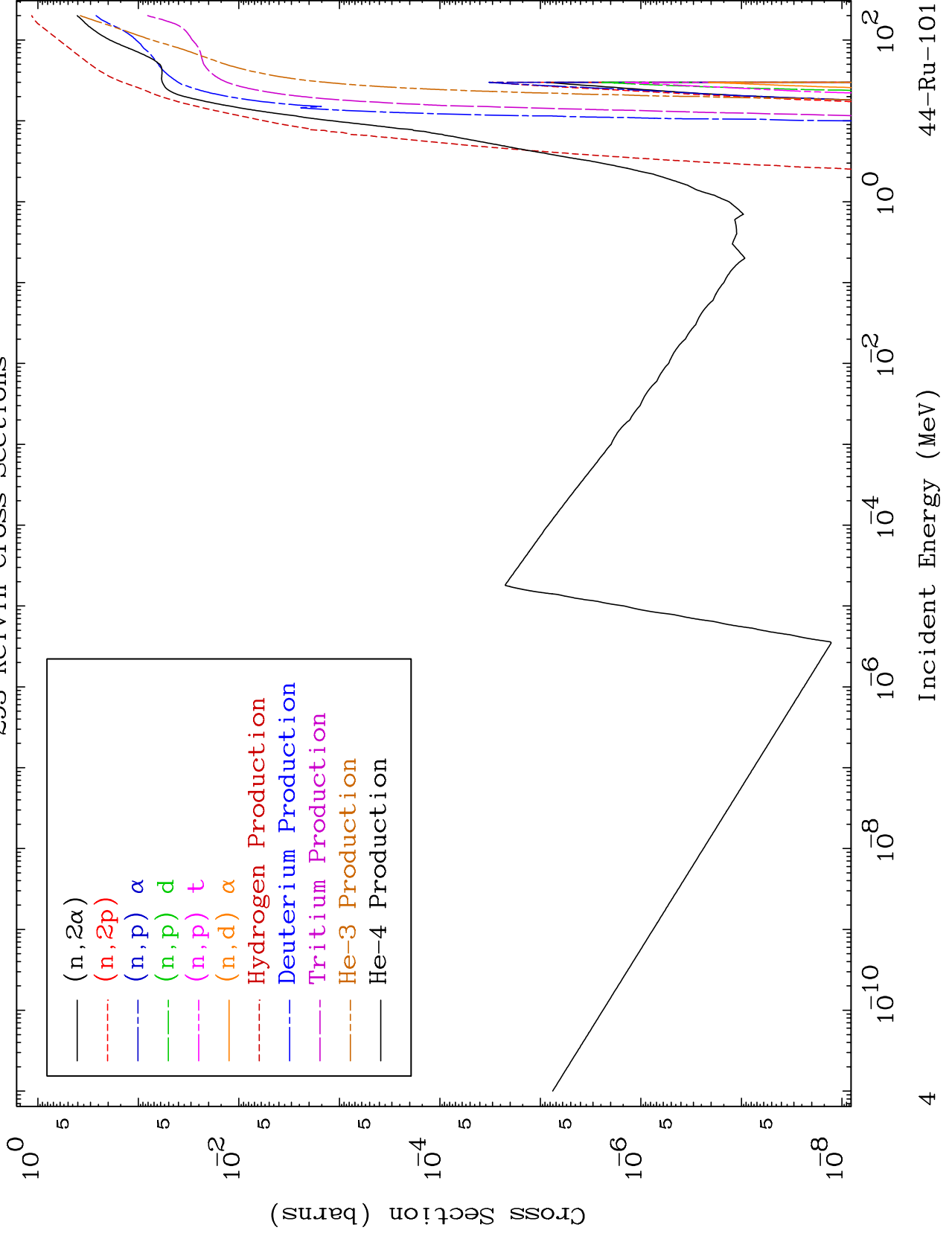
44-Ru-101



MAT 4440

Neutron Absorption
293 Kelvin Cross Sections

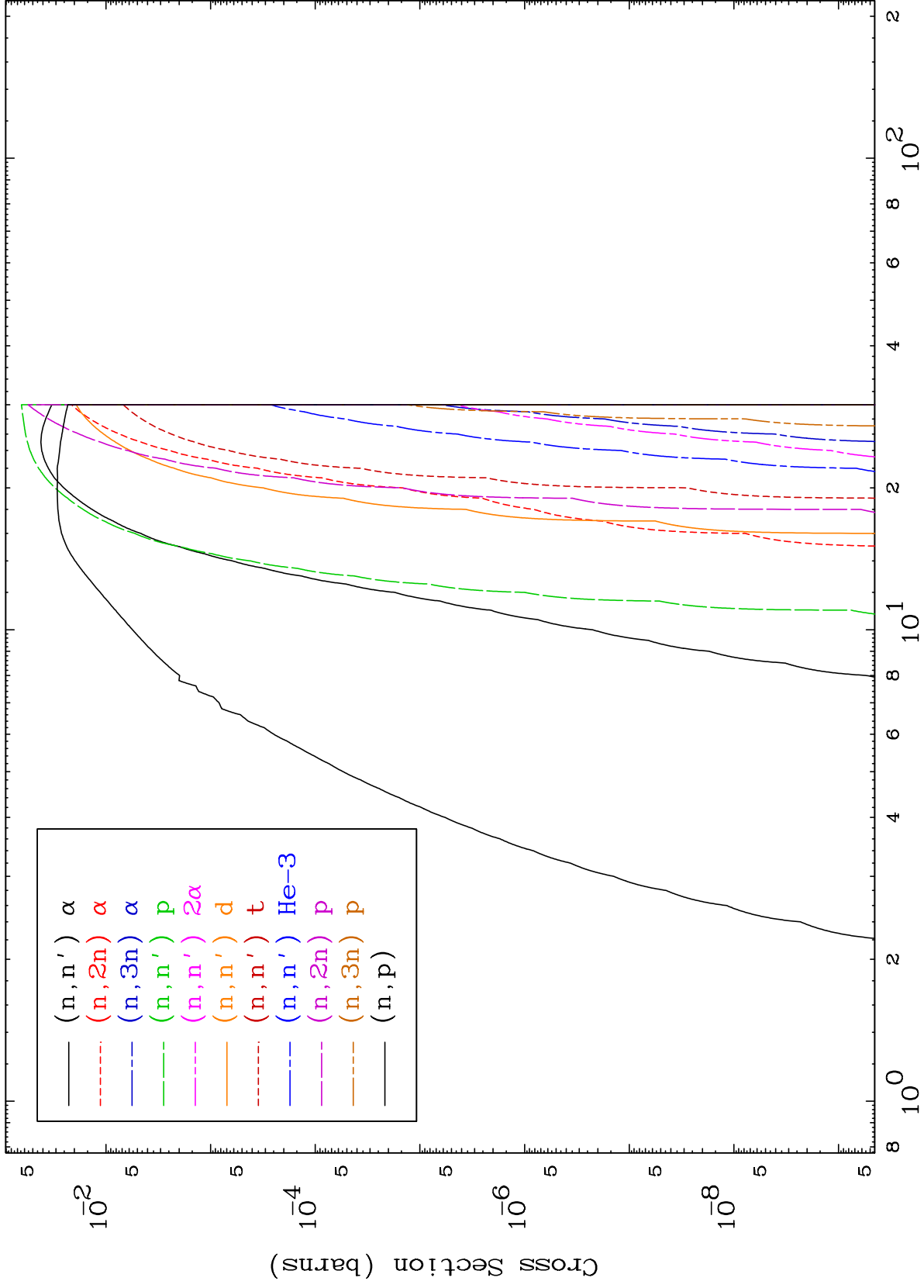
44-Ru-101



MAT 4440

Charged Particle
293 Kelvin Cross Sections

44-Ru-101



44-Ru-101

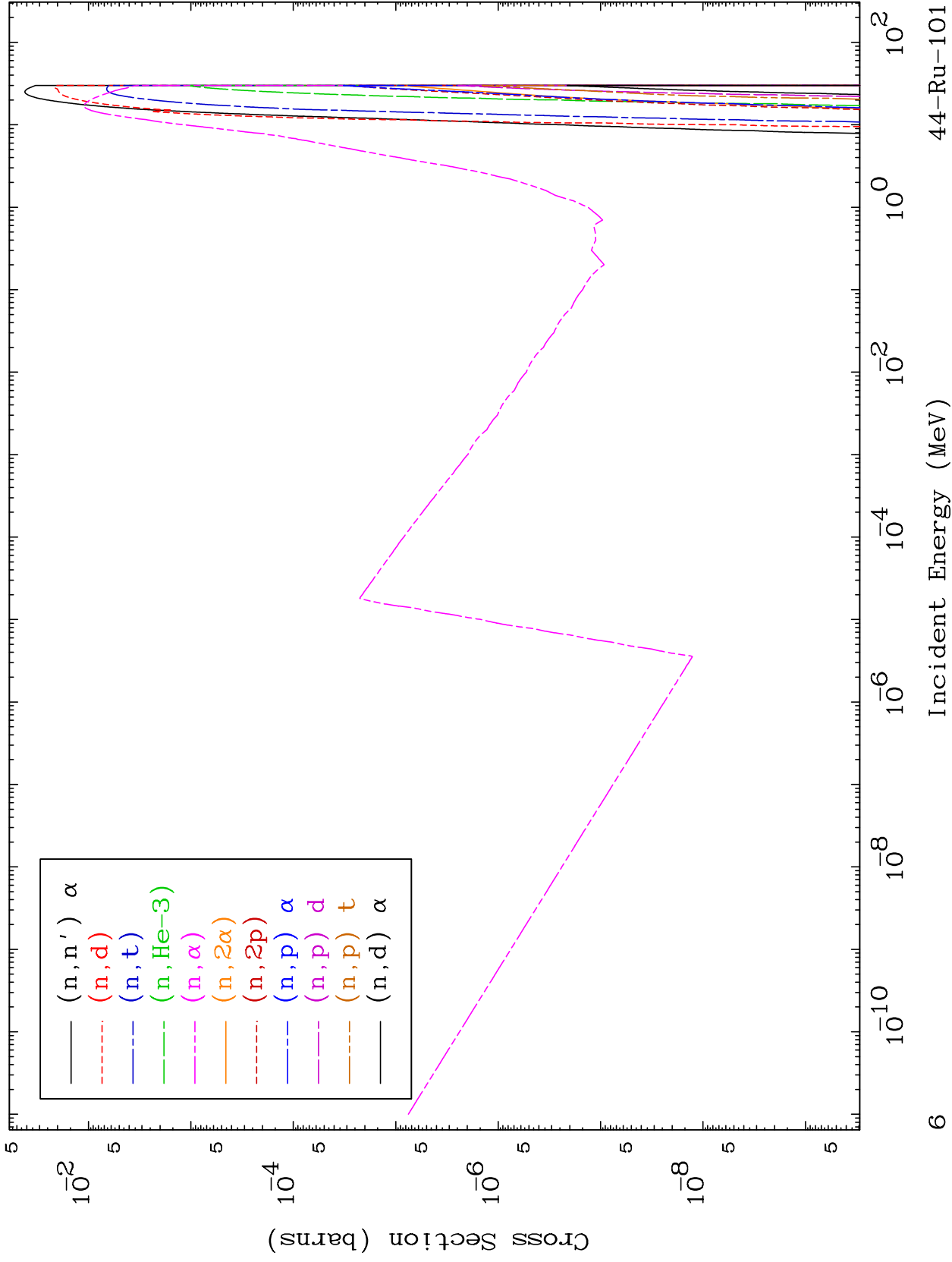
Incident Energy (MeV)

5

MAT 4440

Charged Particle
293 Kelvin Cross Sections

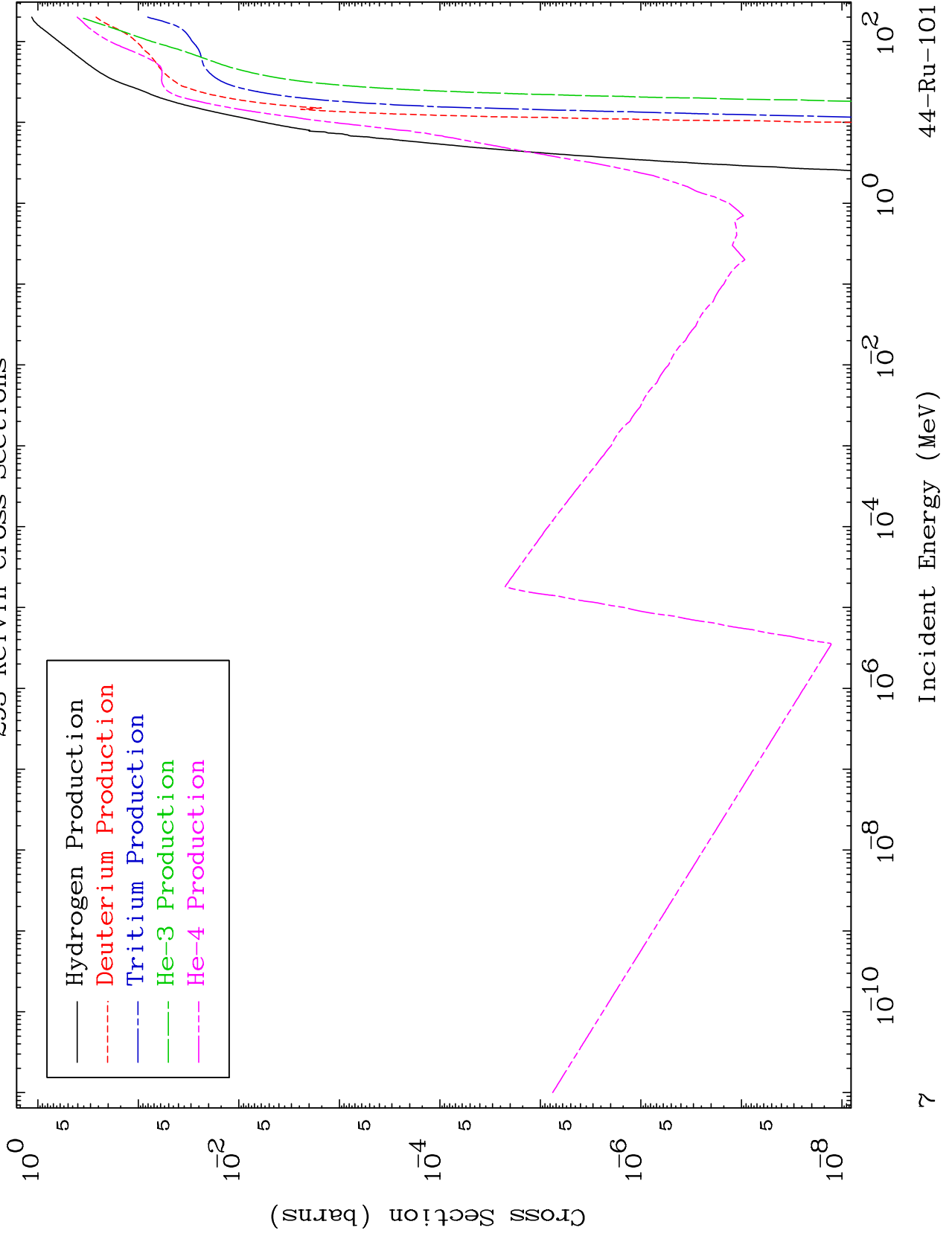
44-Ru-101



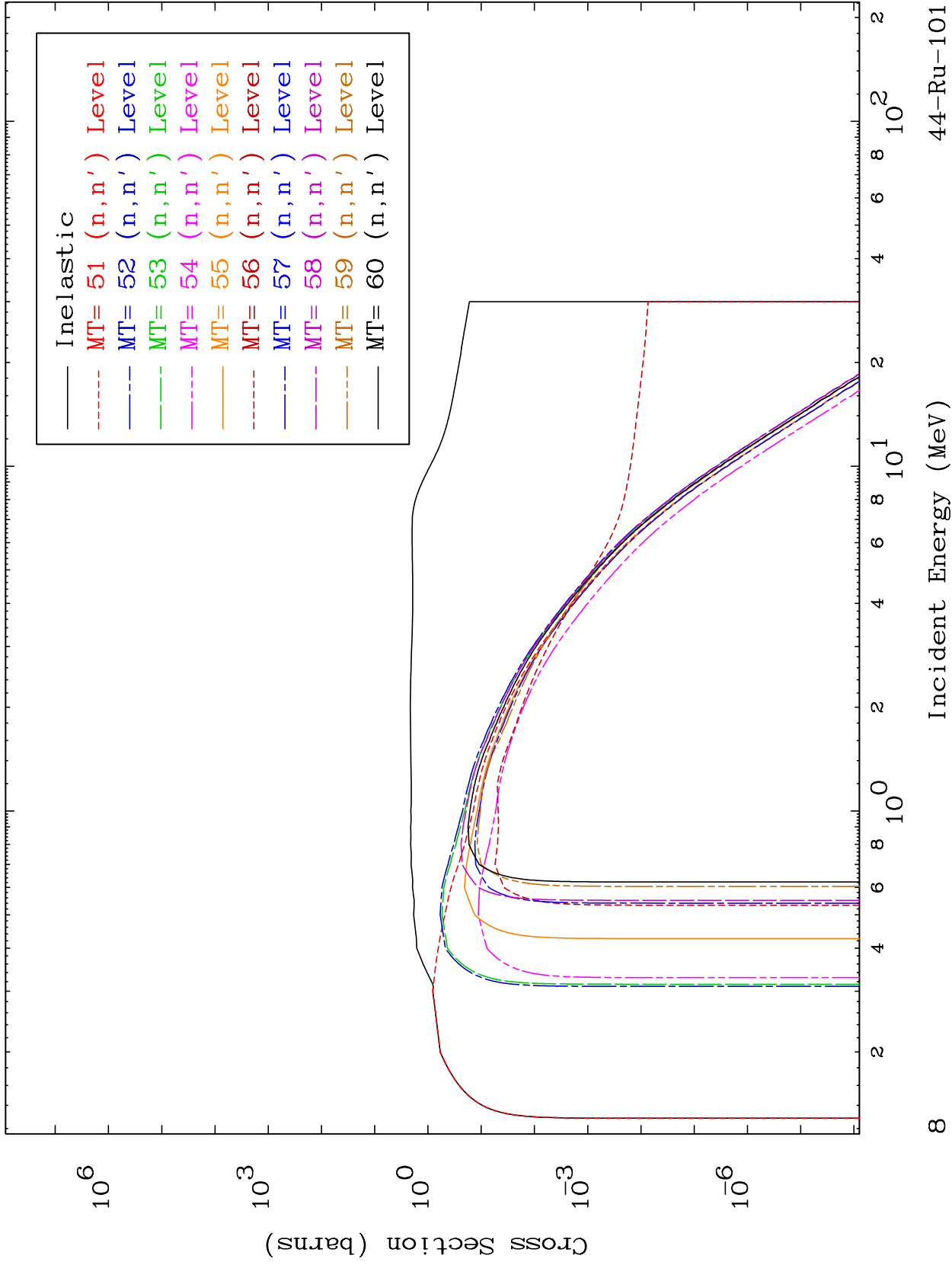
MAT 4440

Particle Production
293 Kelvin Cross Sections

44-Ru-101



293 Kelvin Cross Sections

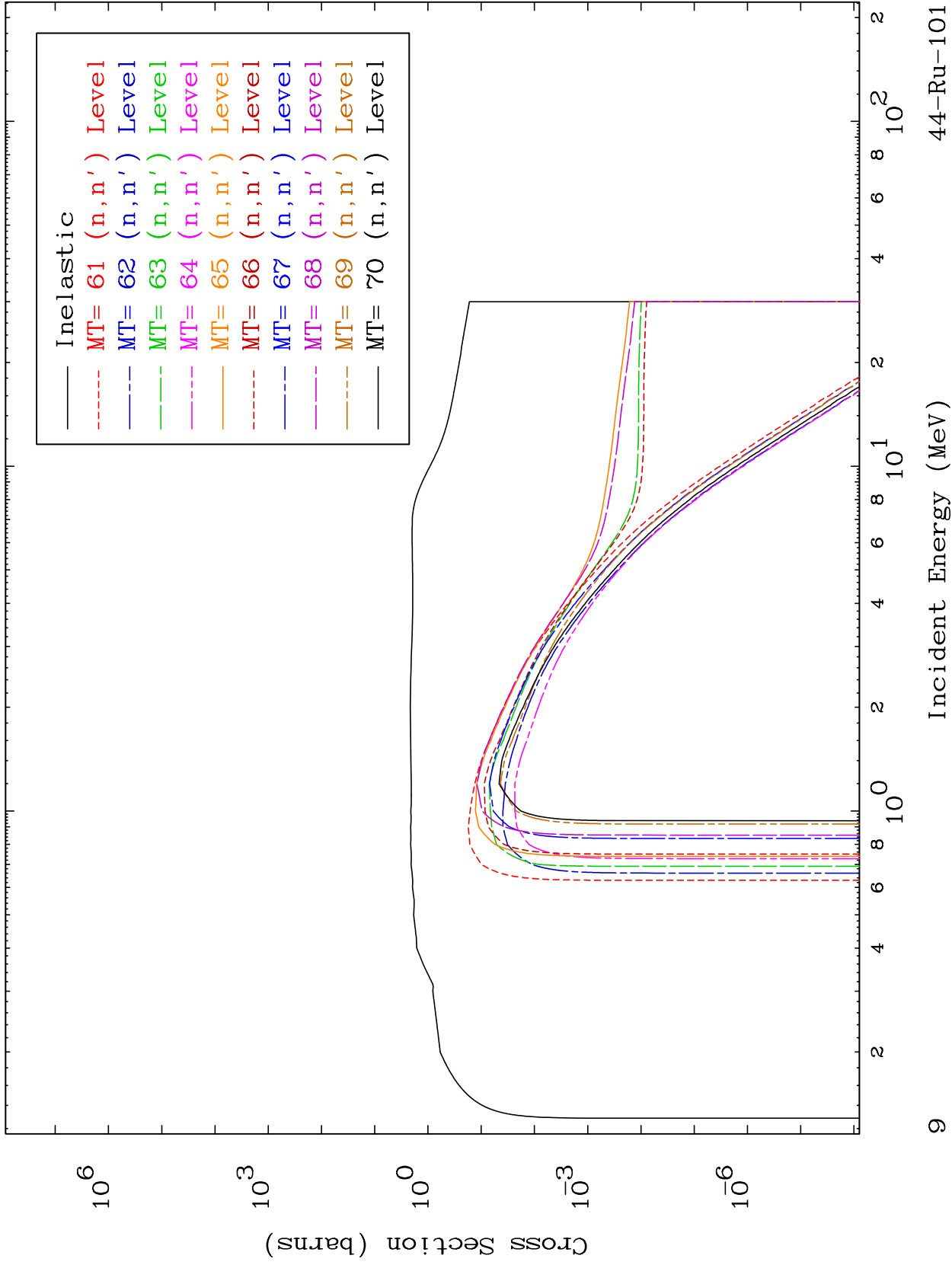


MAT 4440

(n,n') Levels

44-Ru-101

293 Kelvin Cross Sections

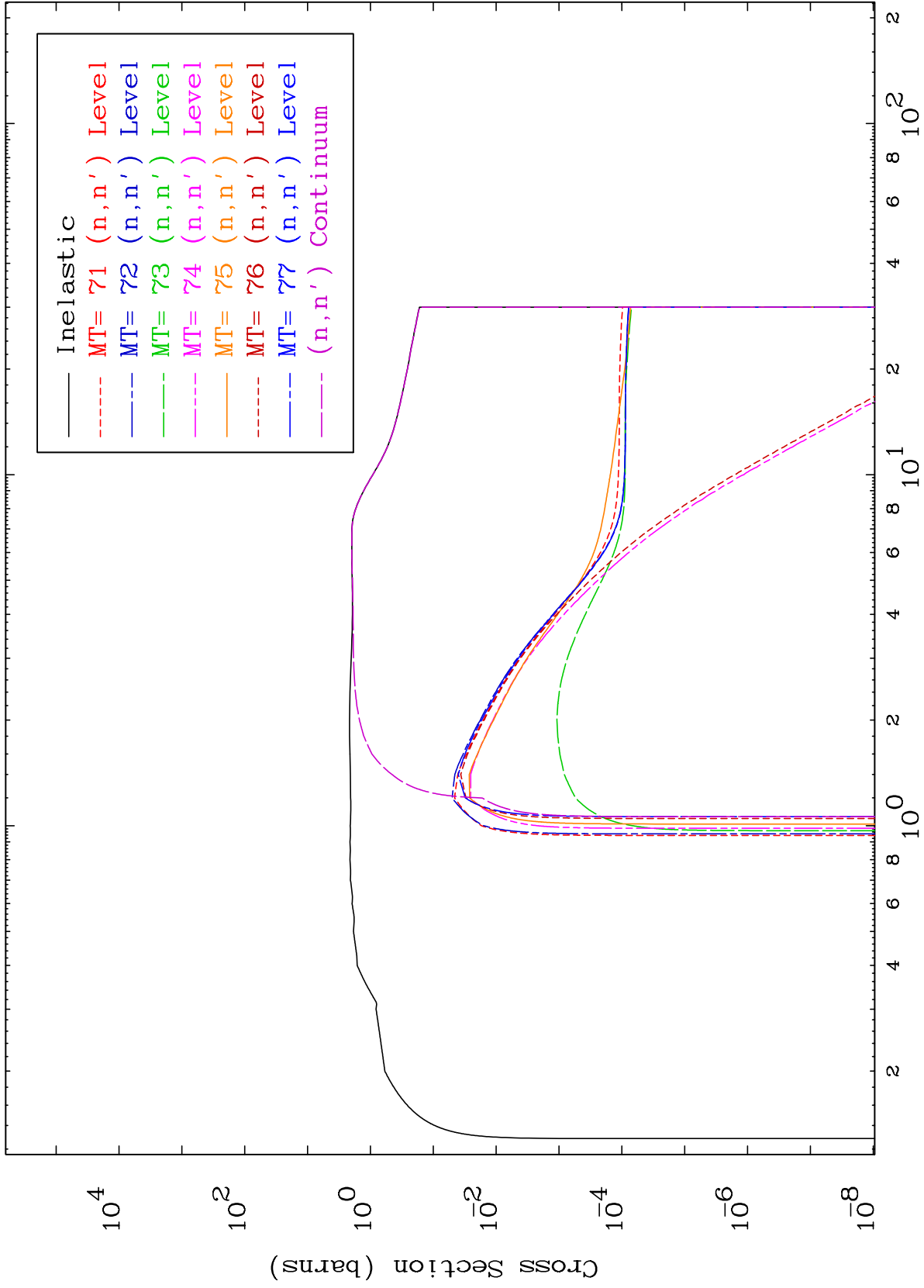


MAT 4440

(n,n') Levels

44-Ru-101

293 Kelvin Cross Sections



10

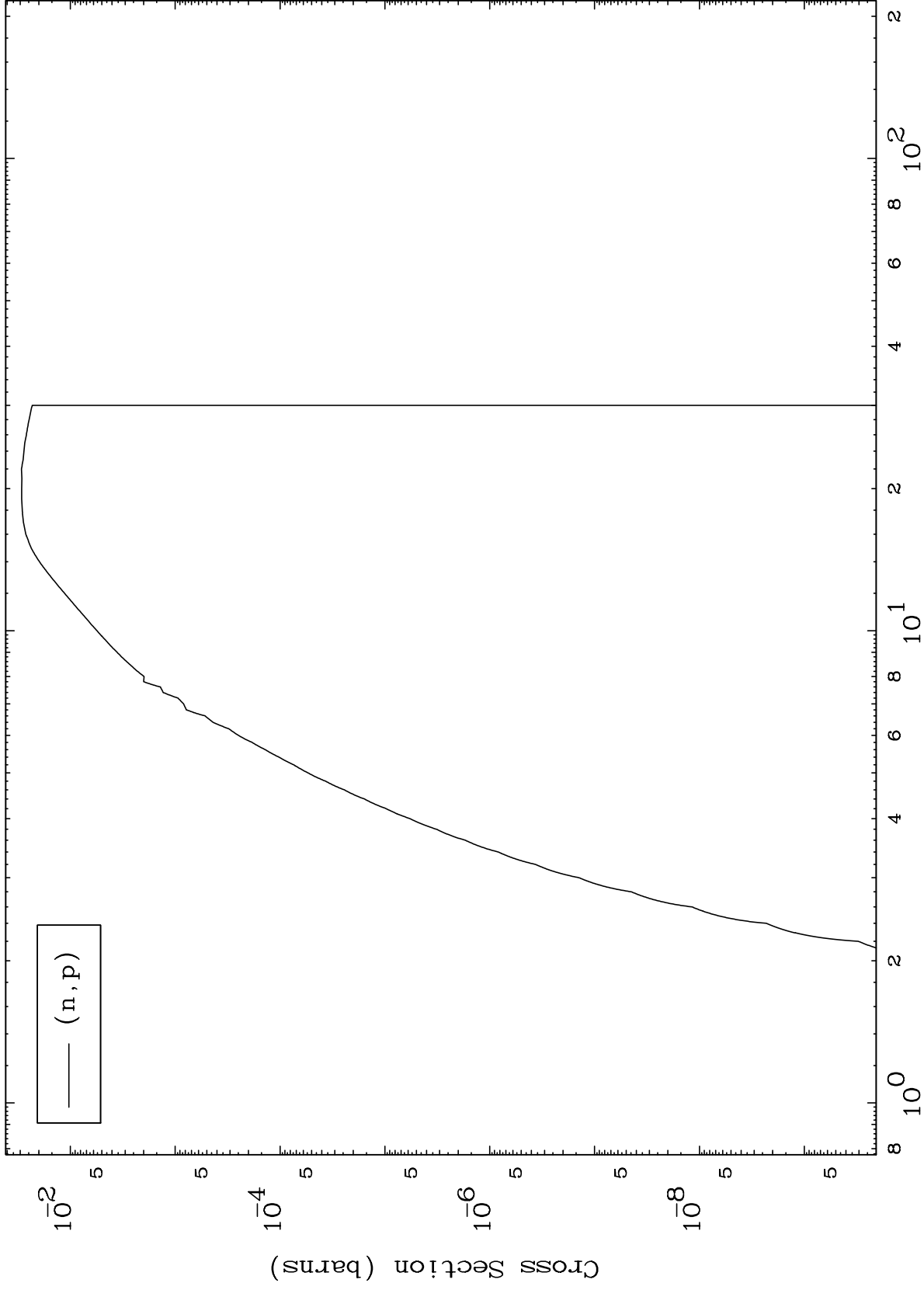
Incident Energy (MeV)

44-Ru-101

MAT 4440

(n,p) Levels
293 Kelvin Cross Sections

44-Ru-101



11

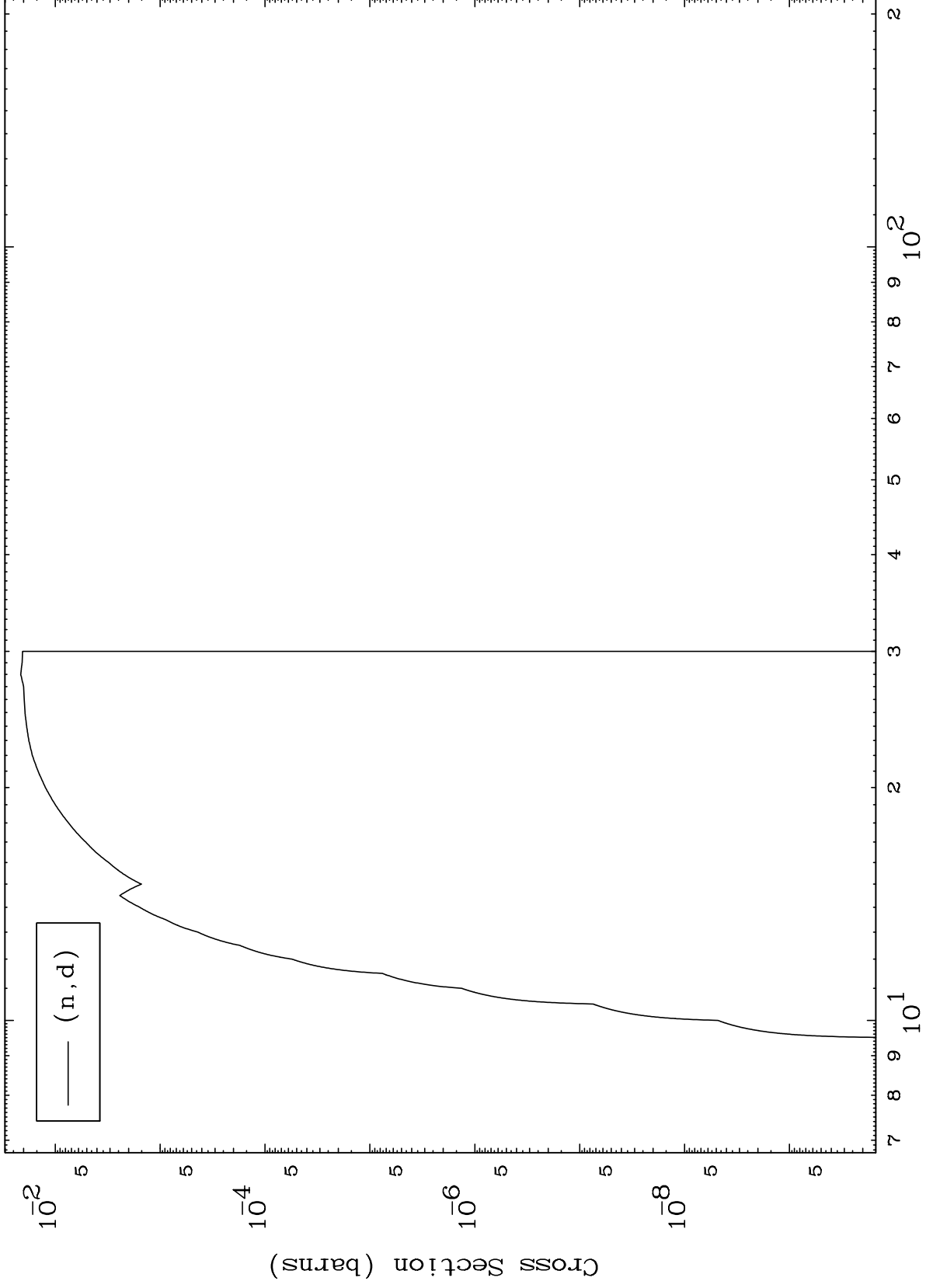
Incident Energy (MeV)

44-Ru-101

MAT 4440

(n,d) Levels
293 Kelvin Cross Sections

44-Ru-101



12

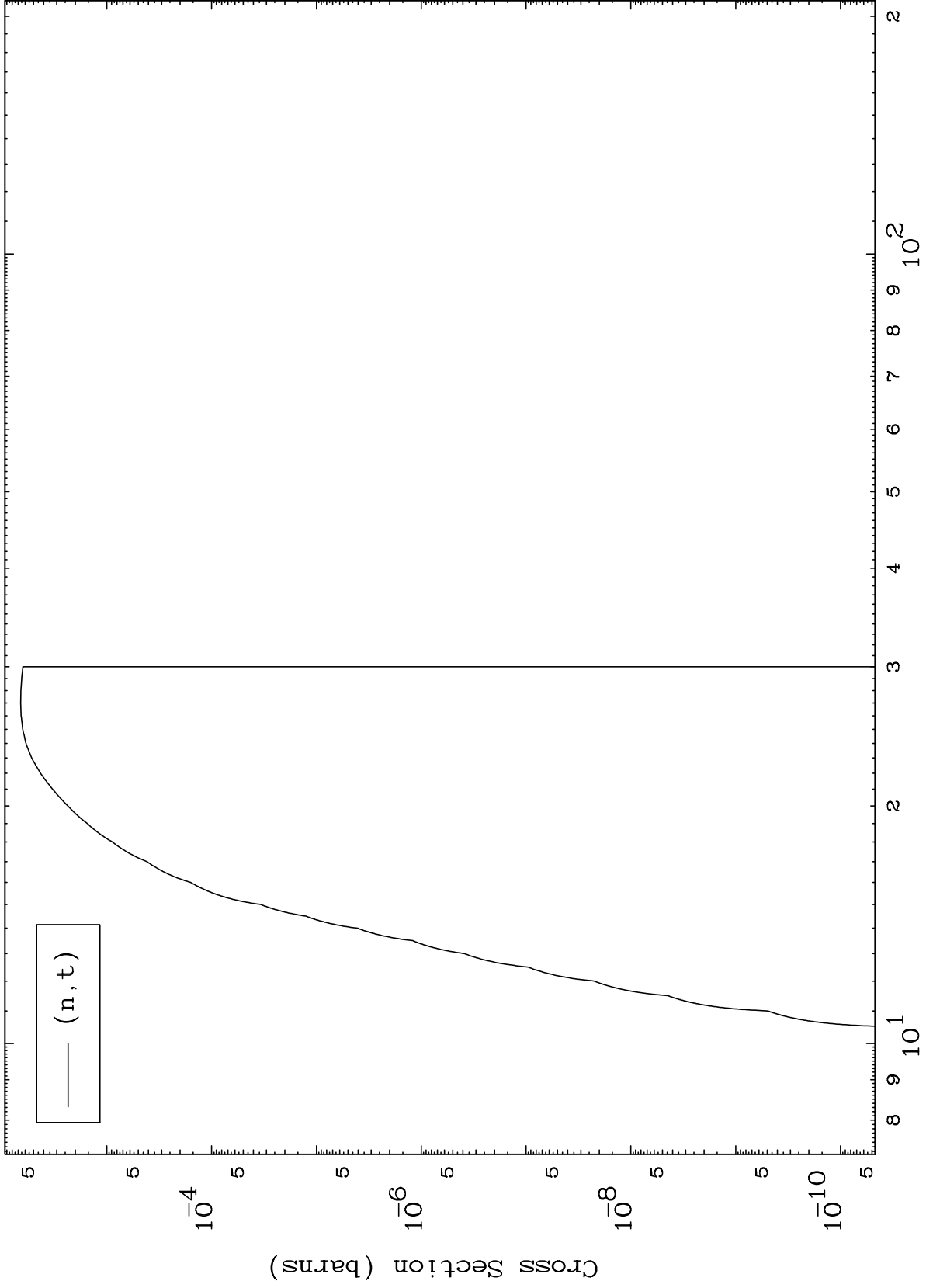
Incident Energy (MeV)

44-Ru-101

MAT 4440

(n,t) Levels
293 Kelvin Cross Sections

44-Ru-101



13

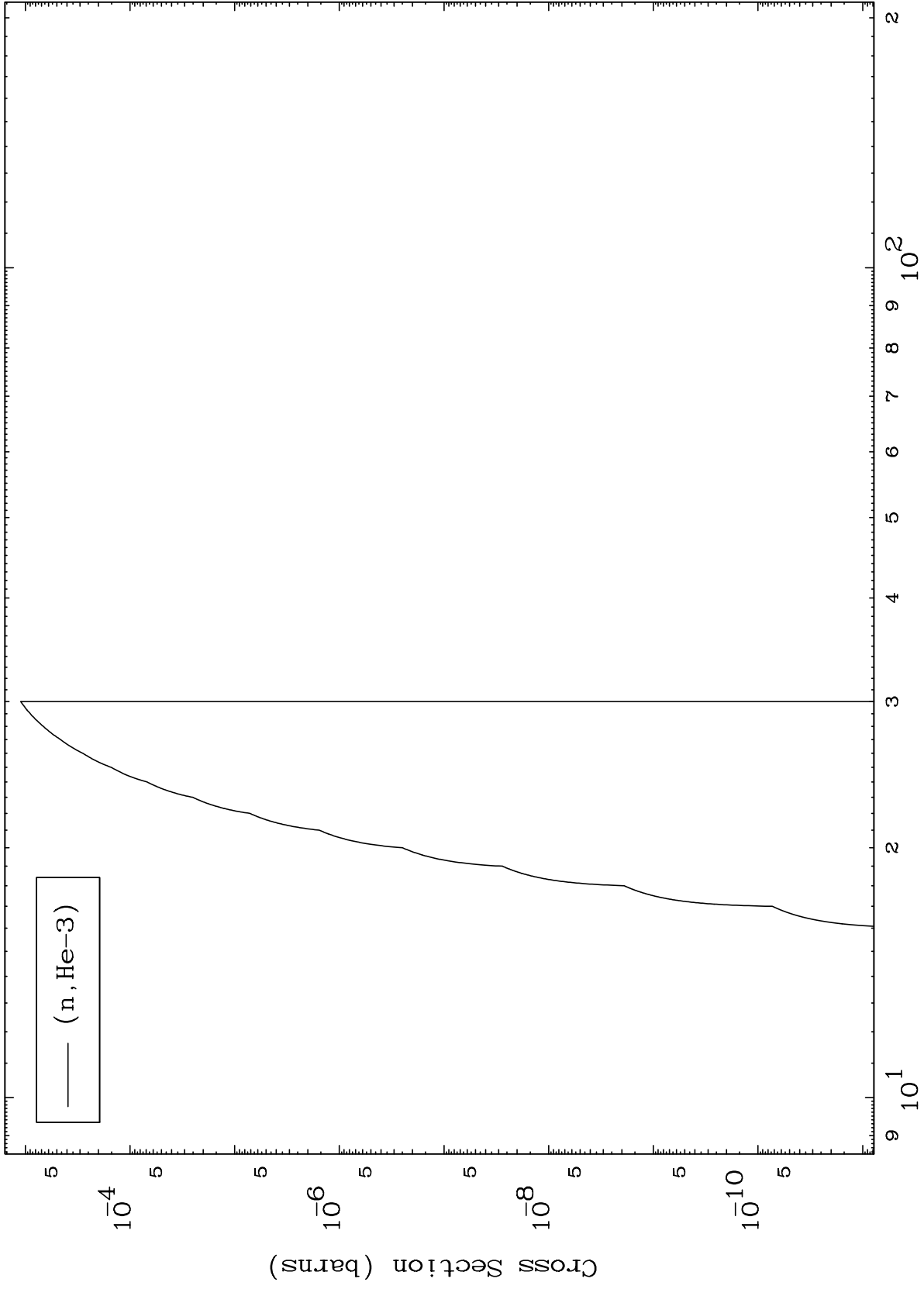
Incident Energy (MeV)

44-Ru-101

MAT 4440

(n,He3) Levels
293 Kelvin Cross Sections

44-Ru-101



14

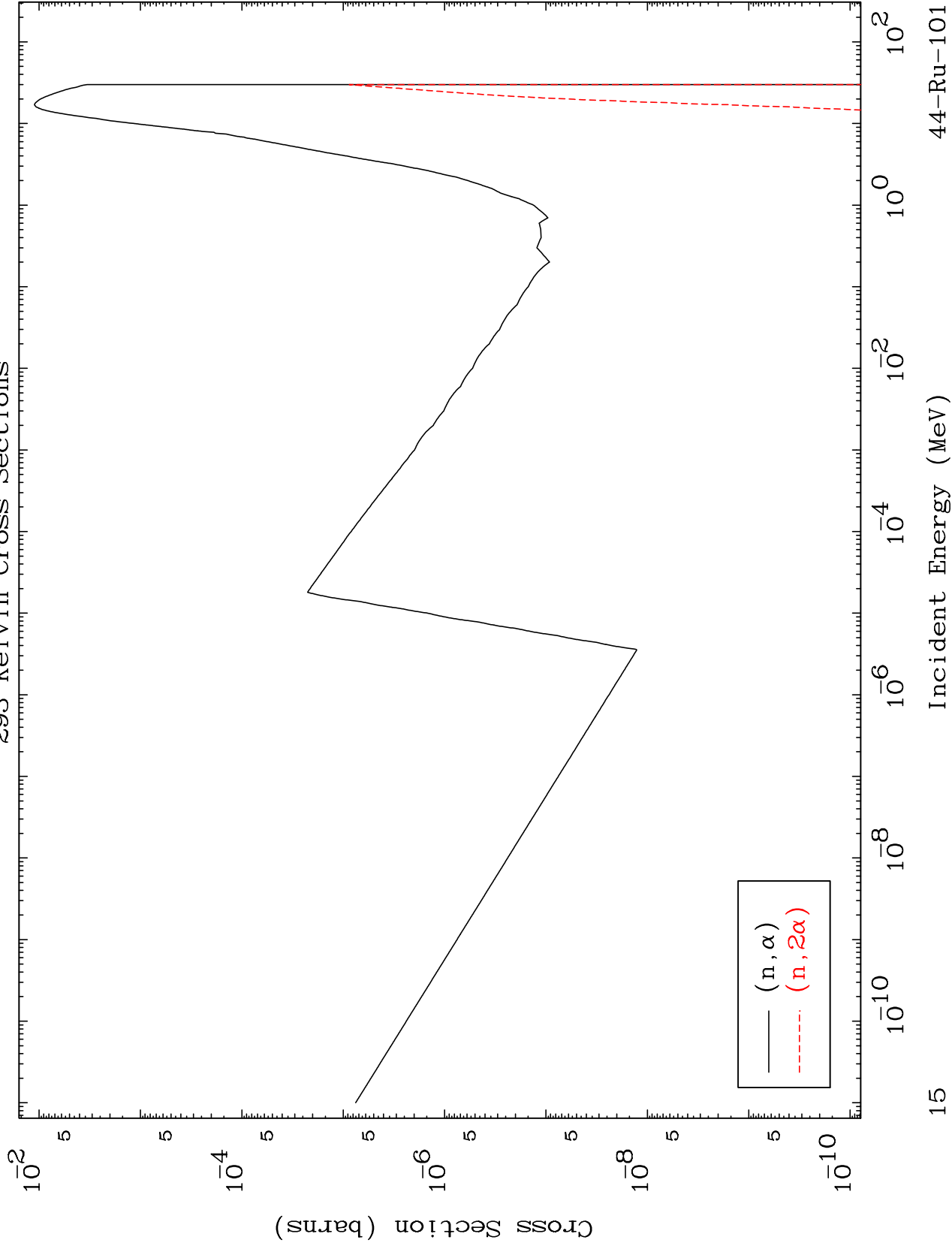
Incident Energy (MeV)

44-Ru-101

MAT 4440

(n, α) Levels
293 Kelvin Cross Sections

44-Ru-101

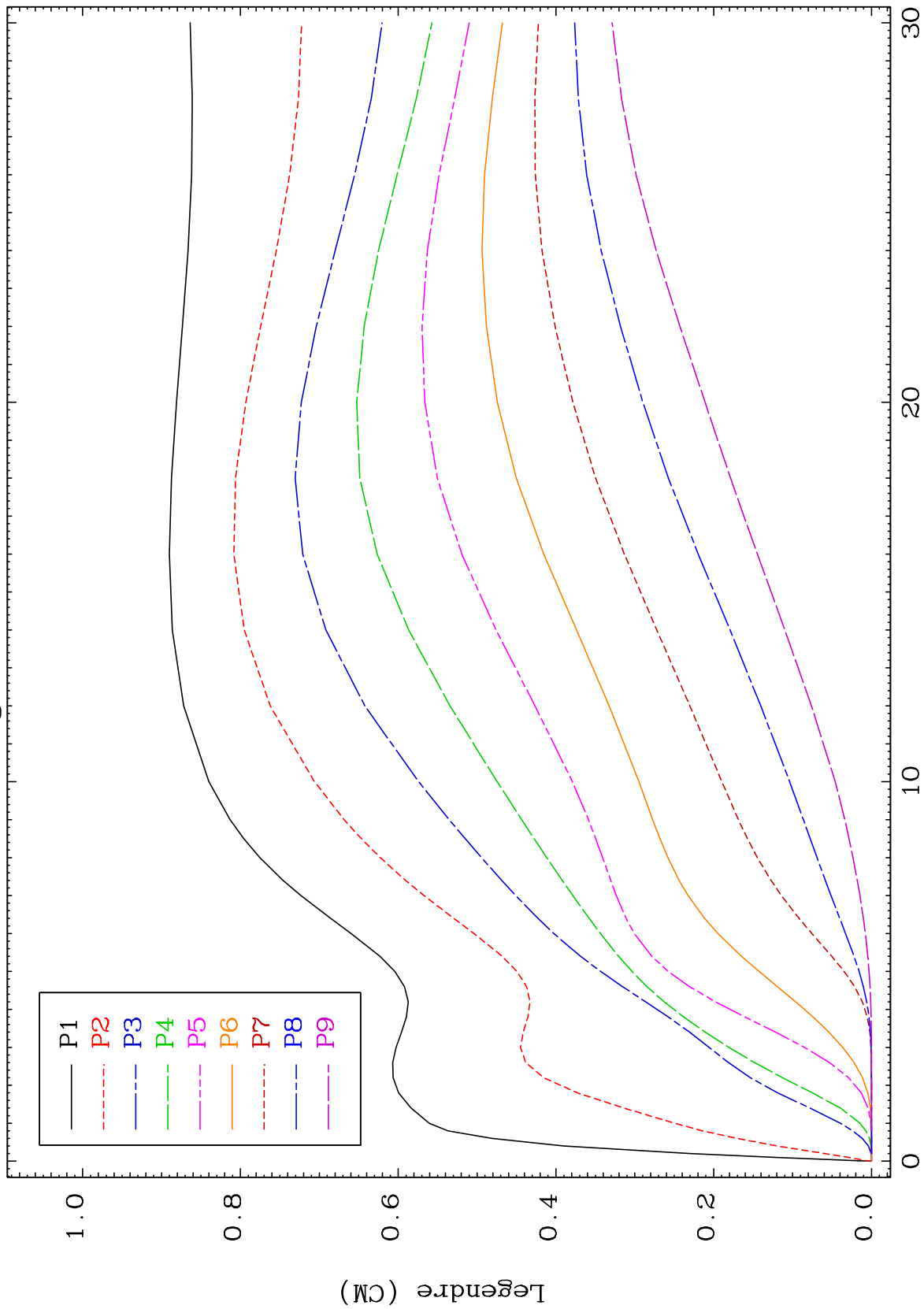


15

MAT 4440

Elastic Legendre Coefficients

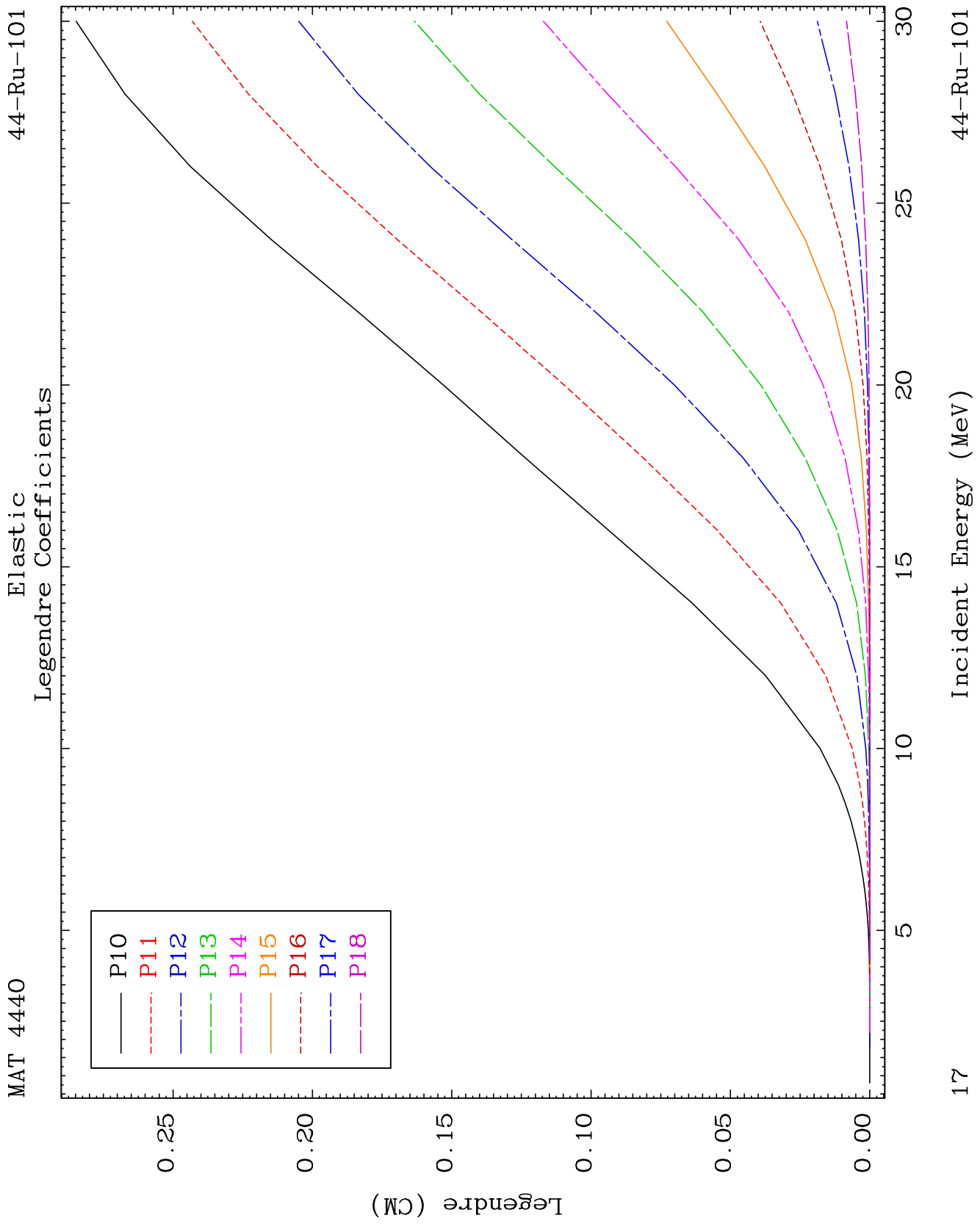
44-Ru-101



16

Incident Energy (MeV)

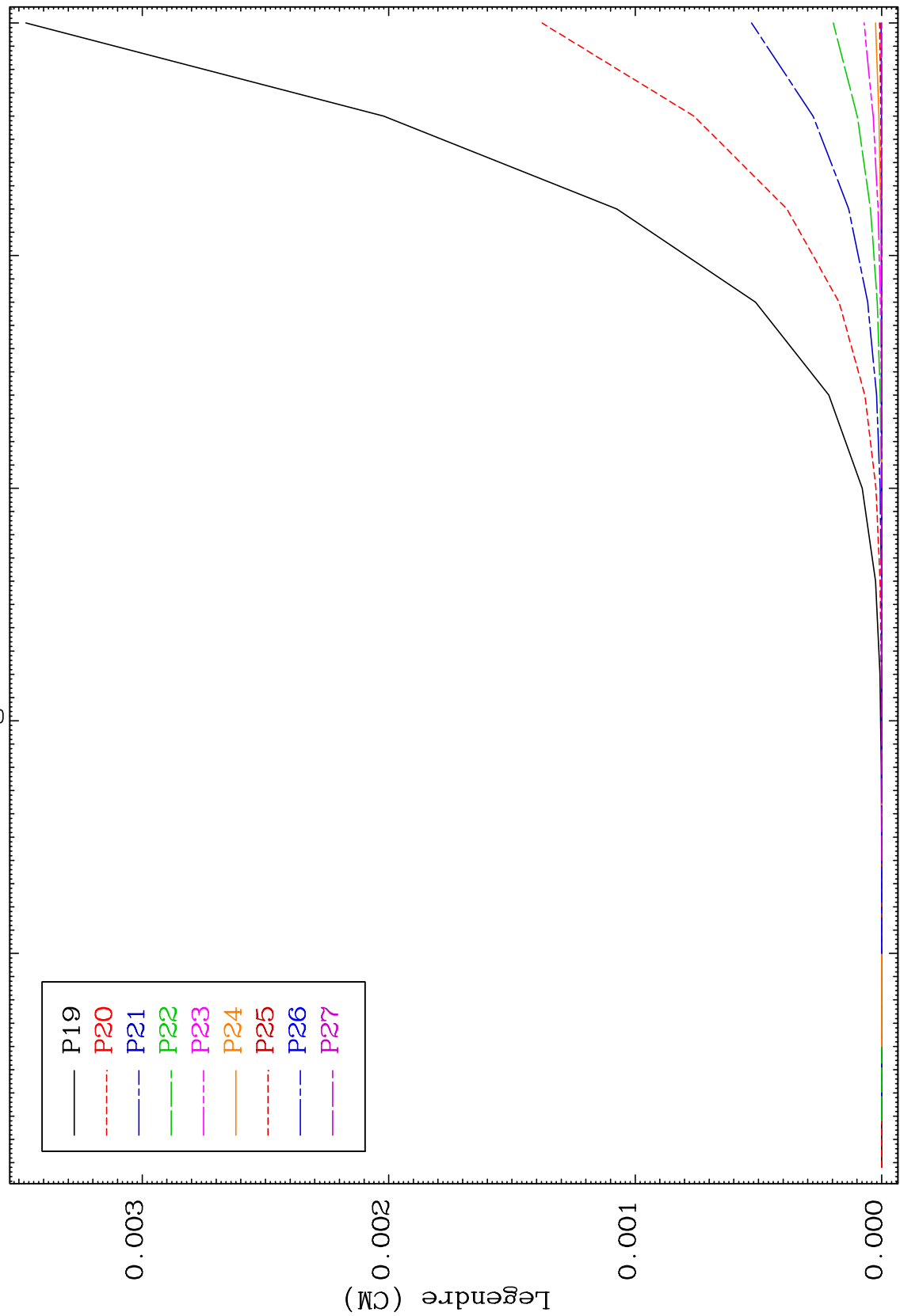
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MAT 4440

Elastic Legendre Coefficients

44-Ru-101



18

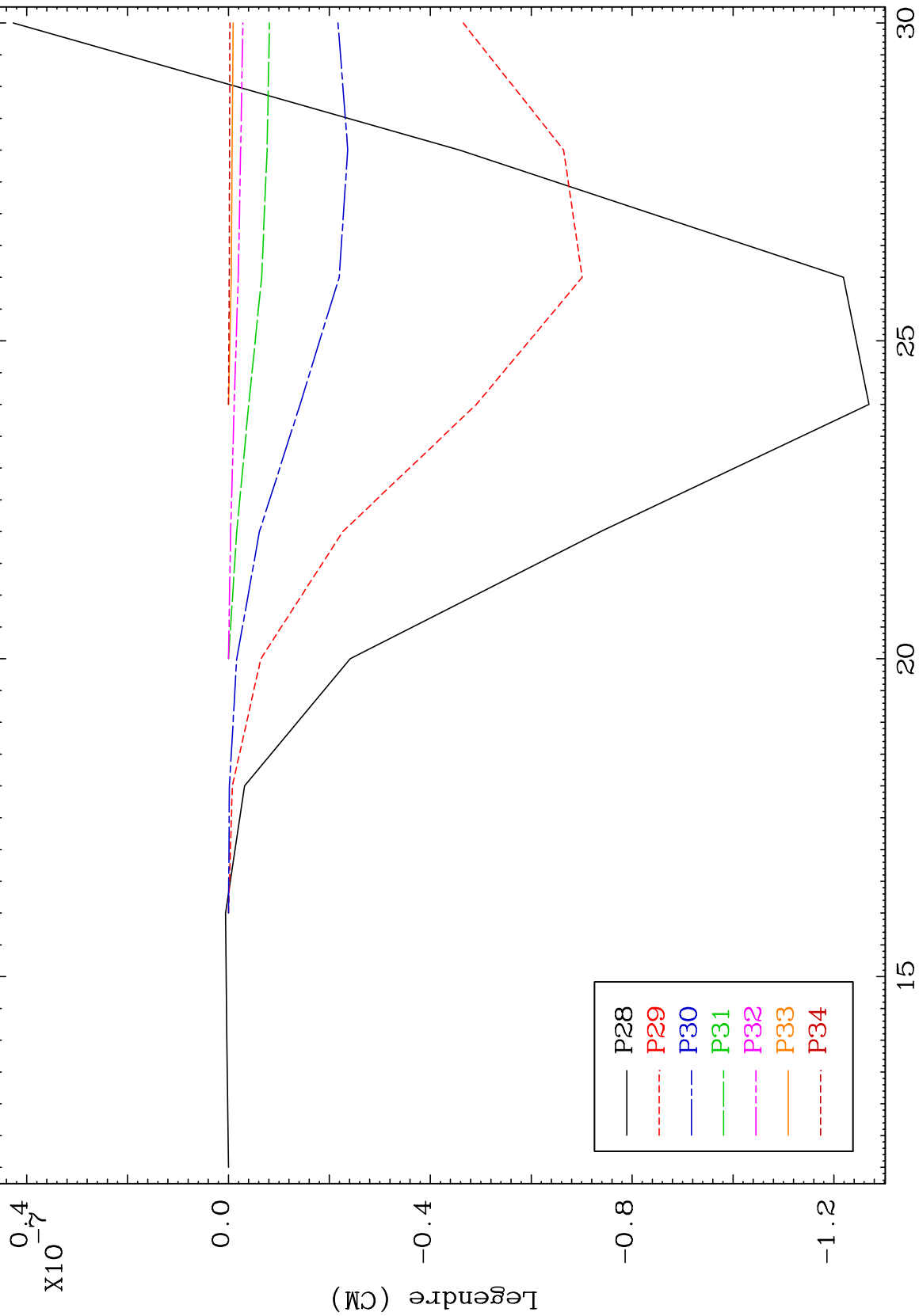
Incident Energy (MeV)

44-Ru-101

MAT 4440

Elastic Legendre Coefficients

44-Ru-101



19

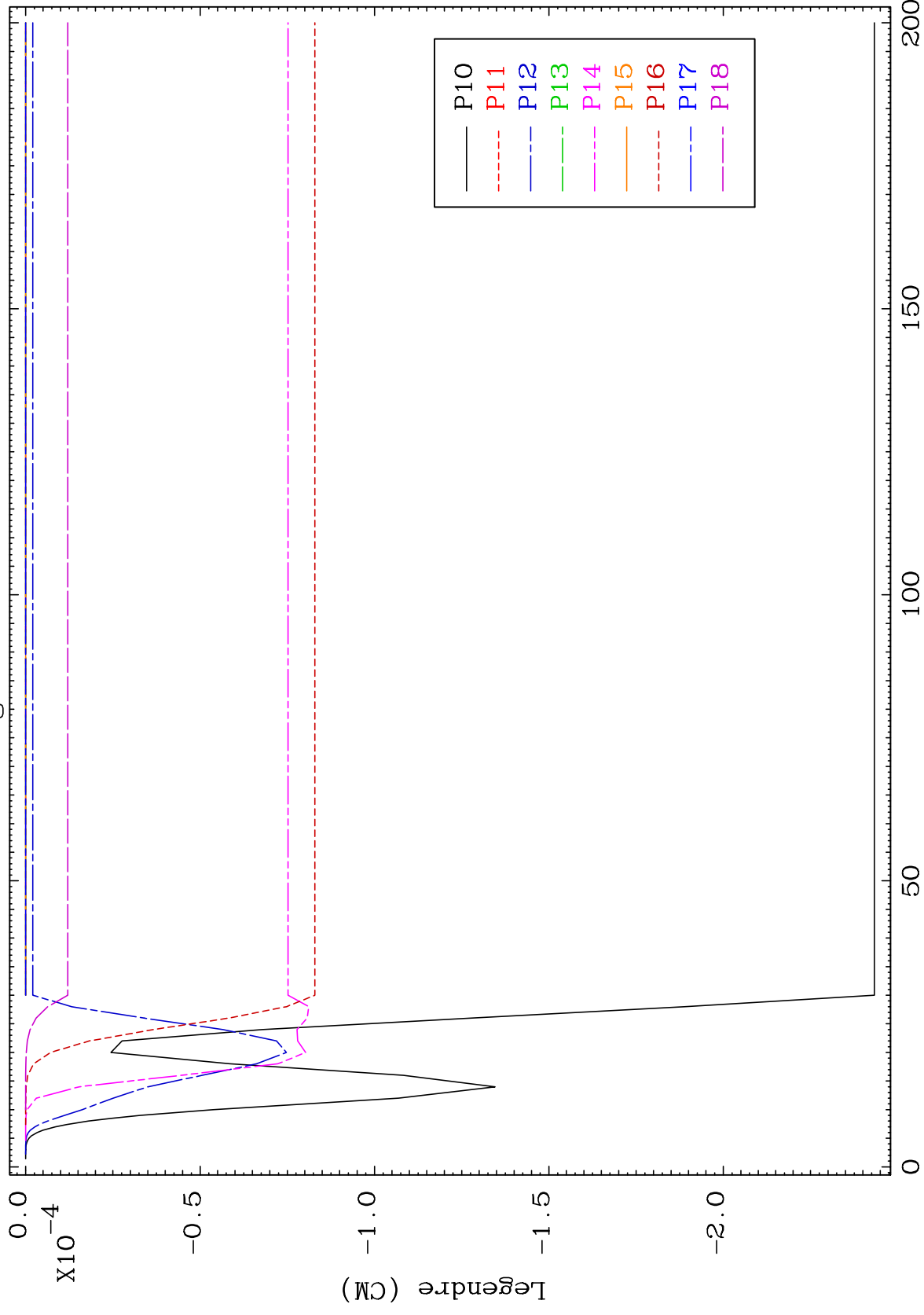
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

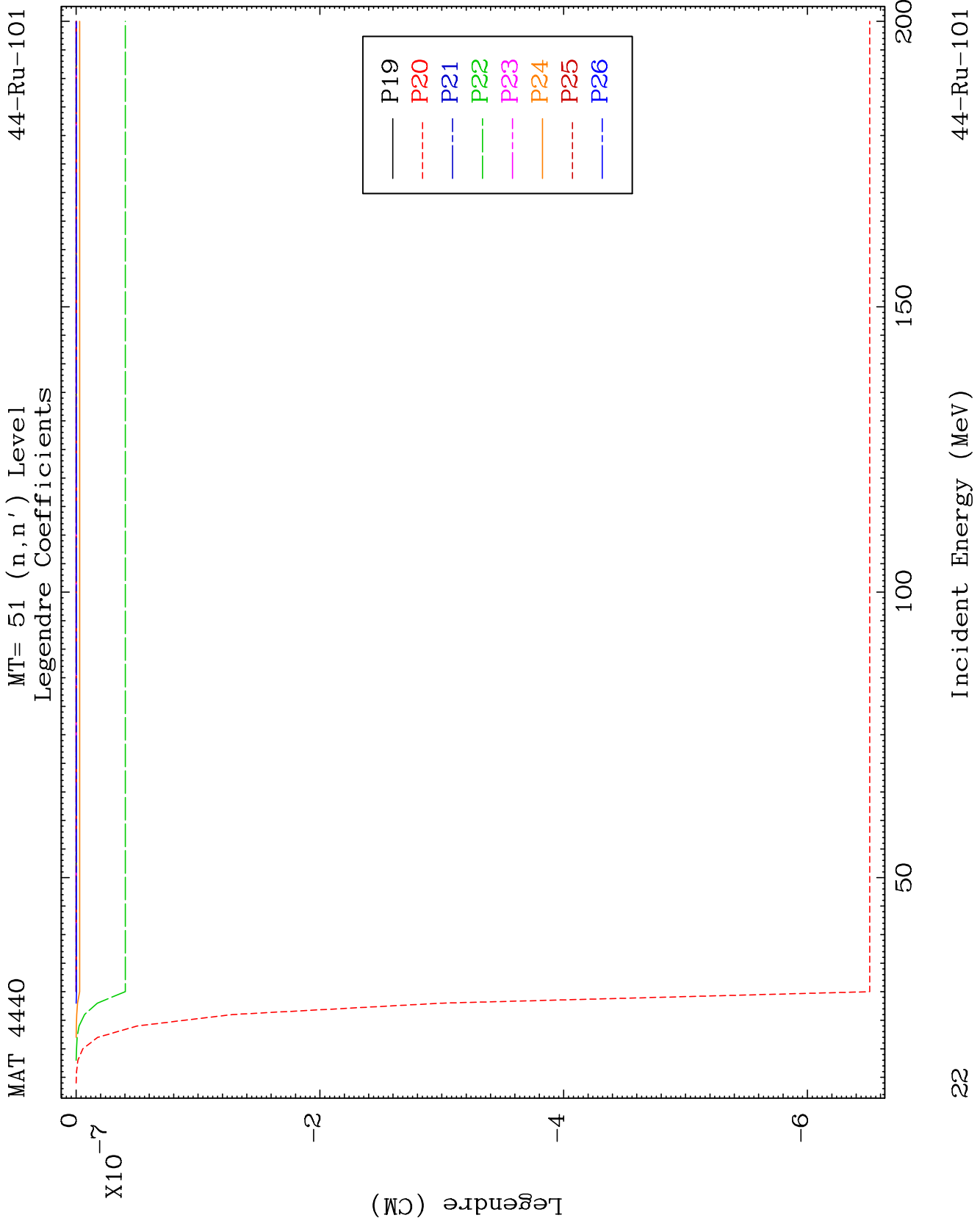
44-Ru-101



21

Incident Energy (MeV)

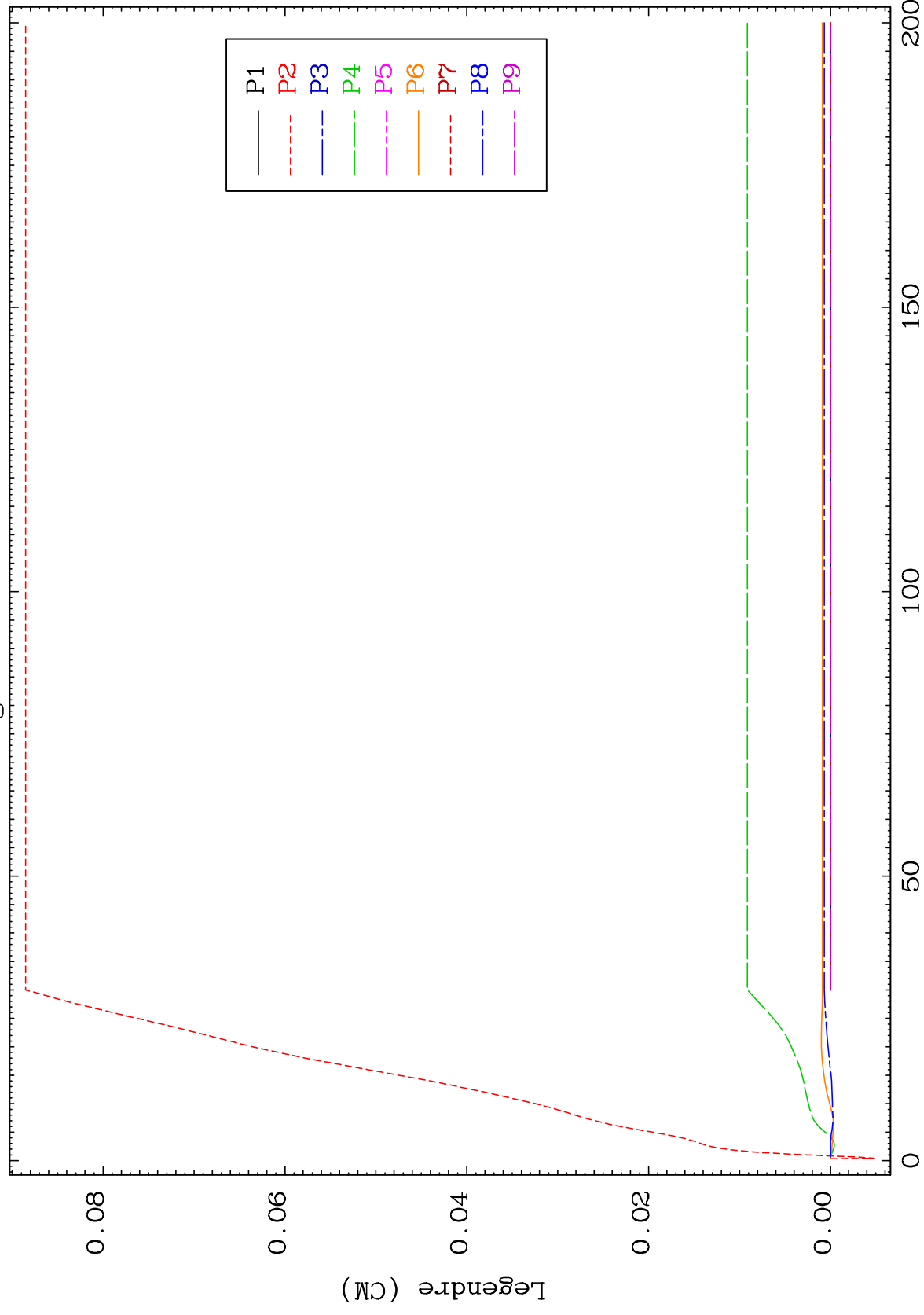
44-Ru-101



MAT 4440

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

44-Ru-101



23

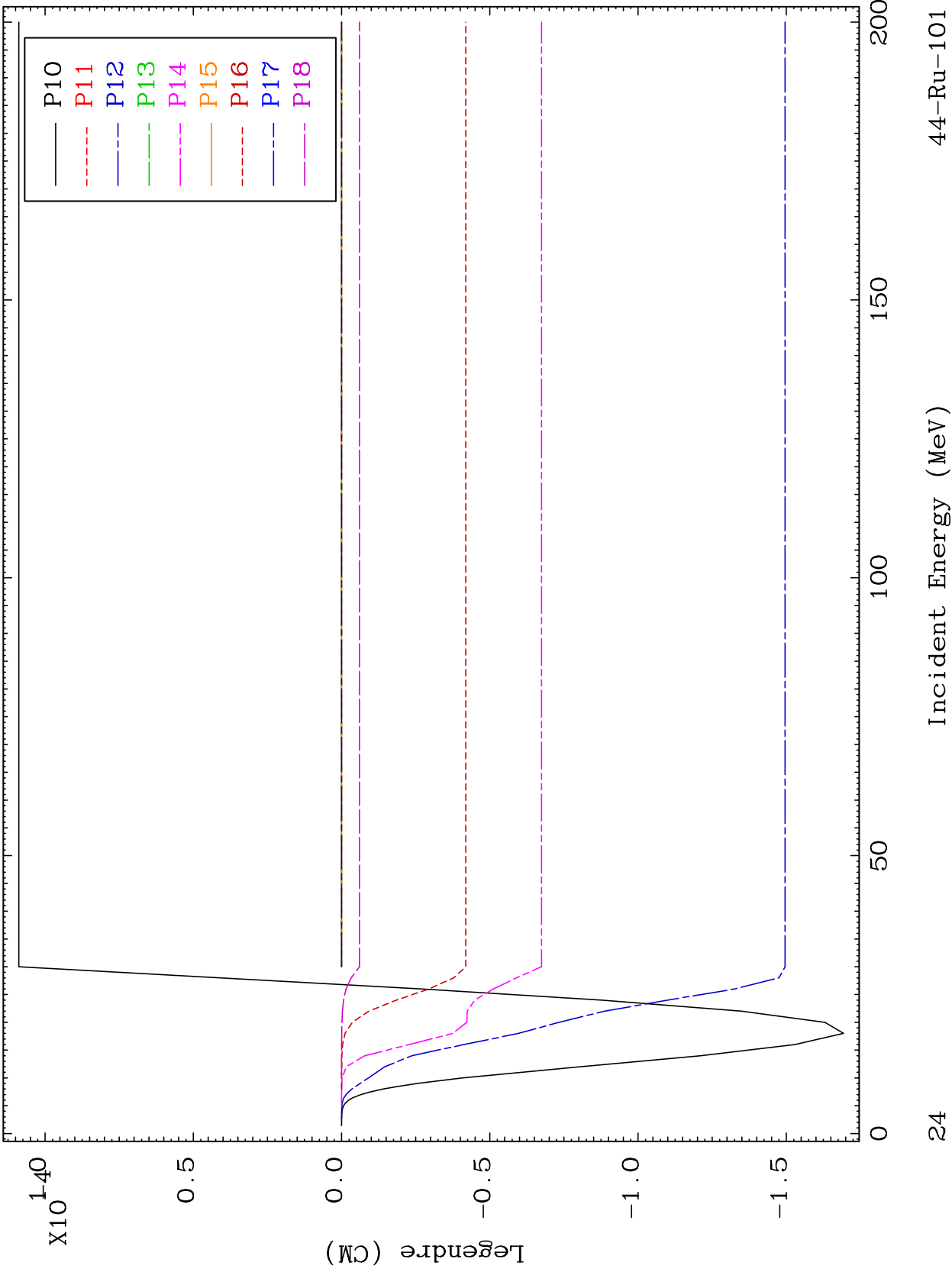
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

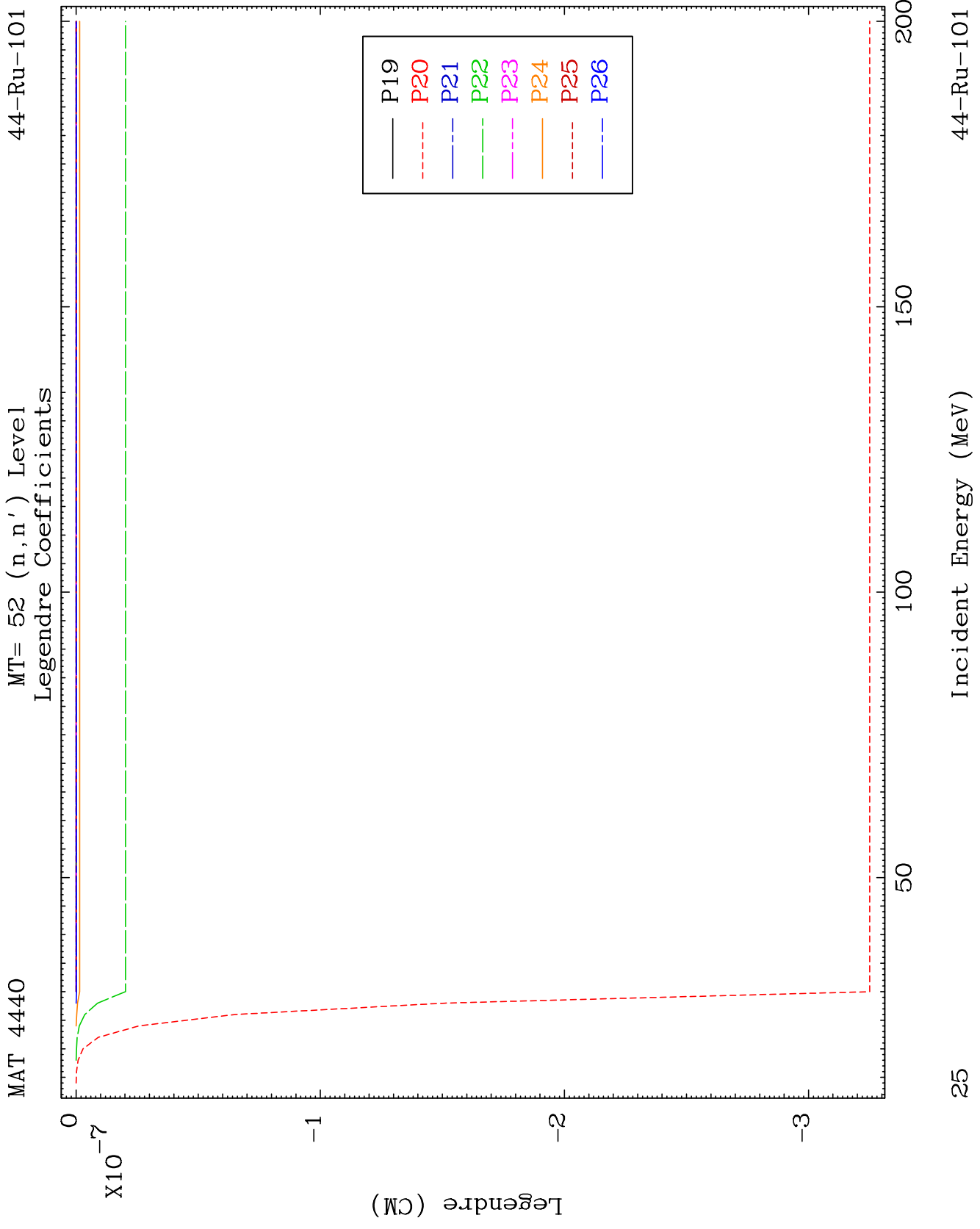
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24

Incident Energy (MeV)

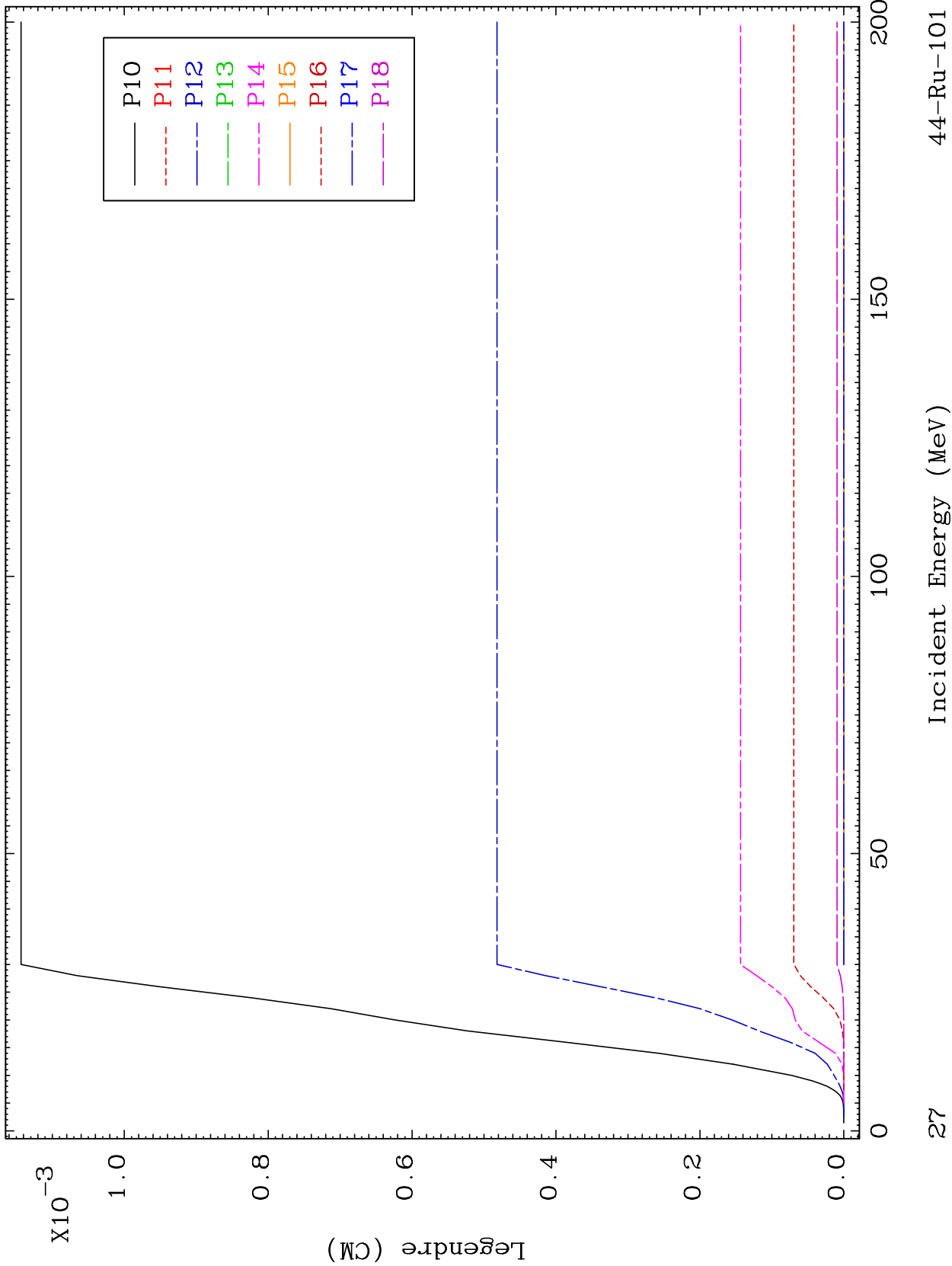
44-Ru-101



MAT 4440

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

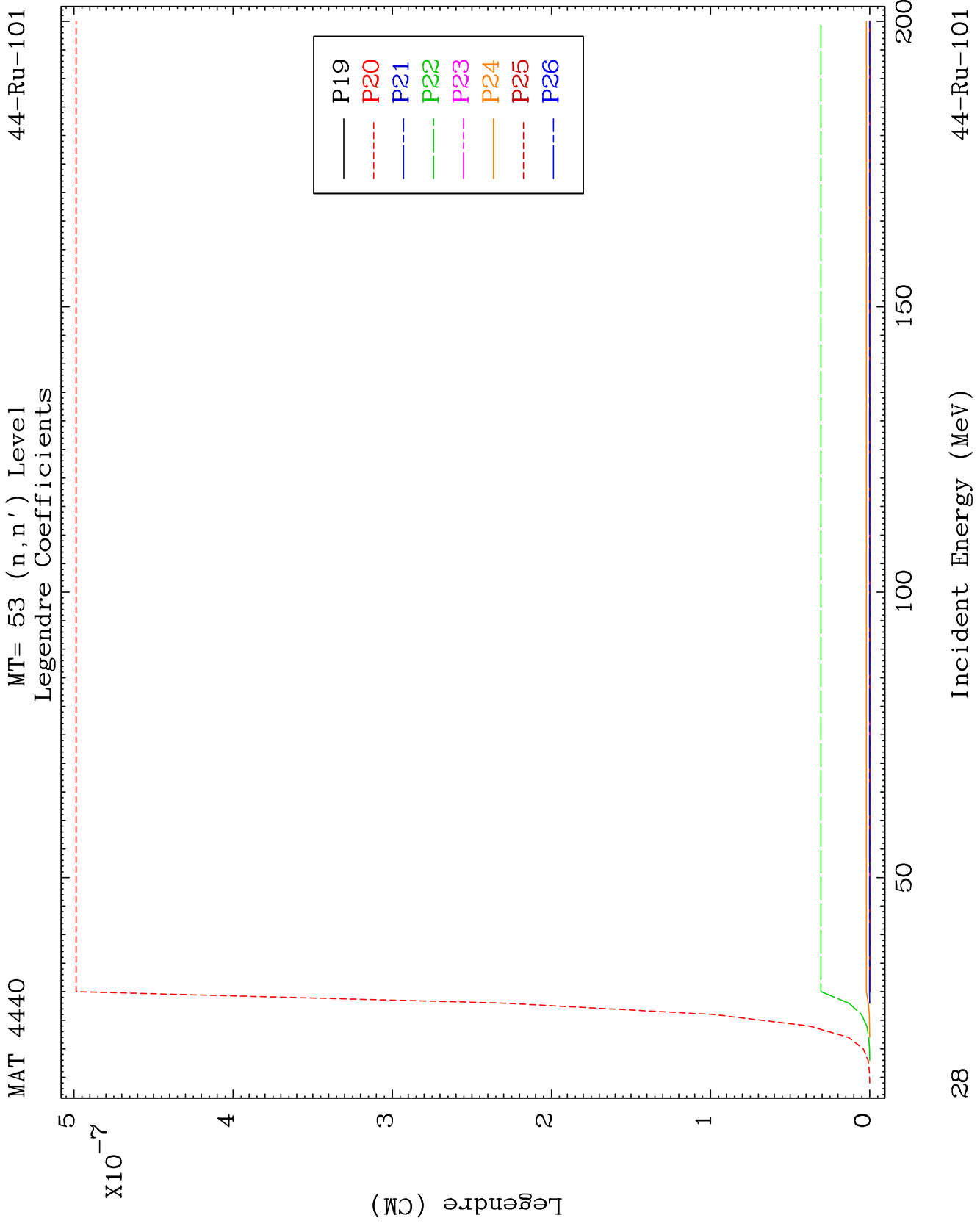
44-Ru-101



27

Incident Energy (MeV)

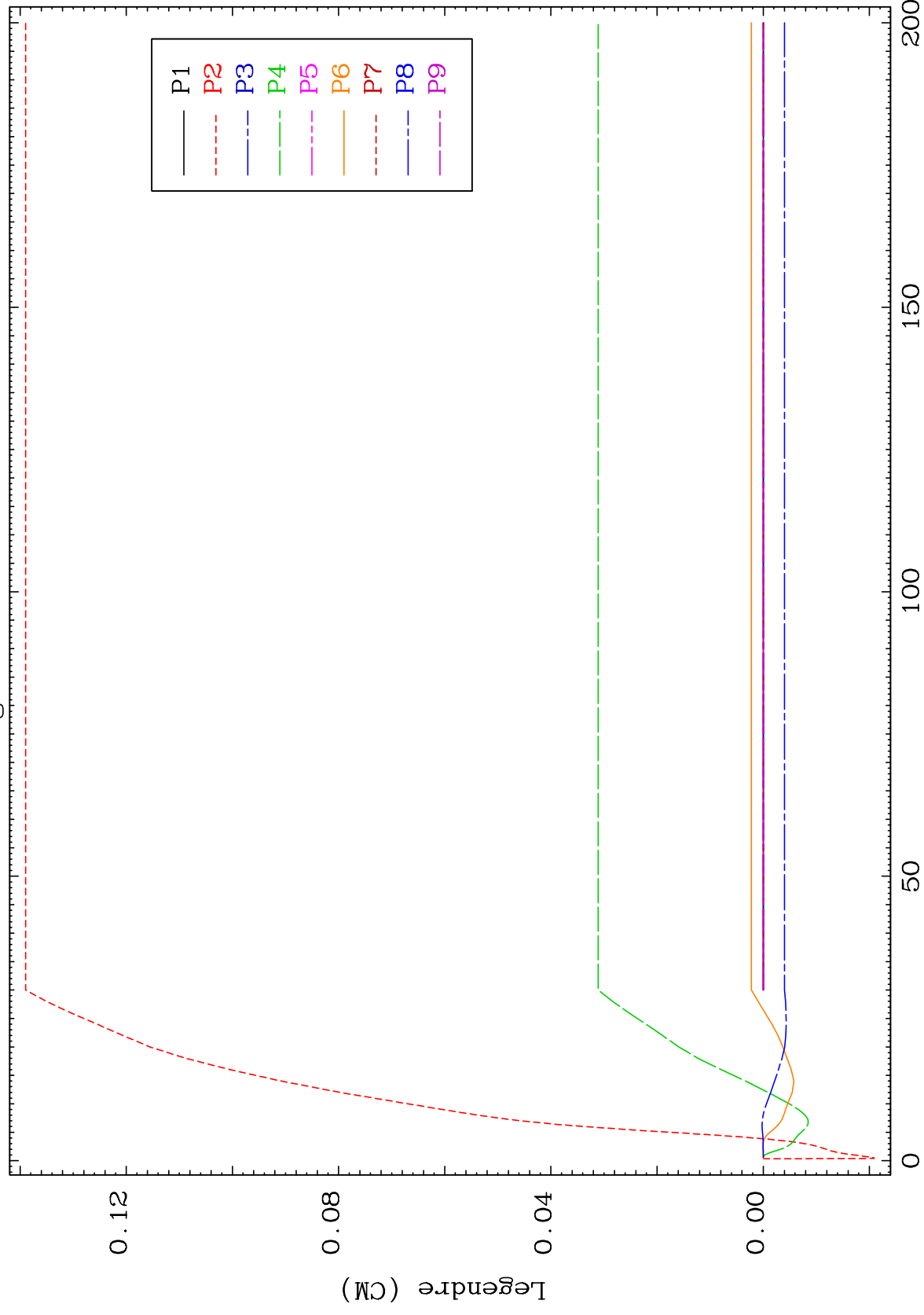
44-Ru-101



MAT 4440

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

44-Ru-101



29

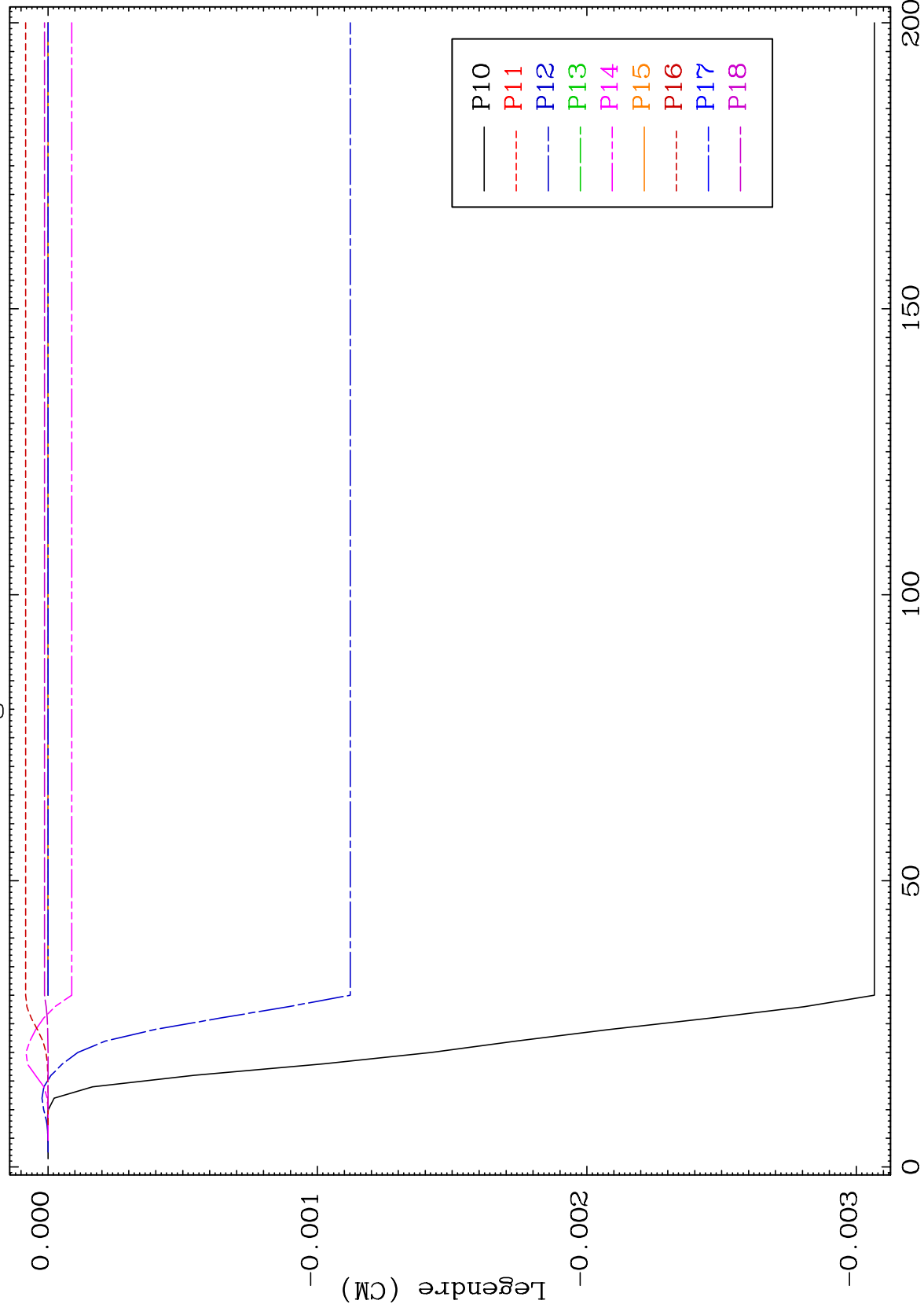
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

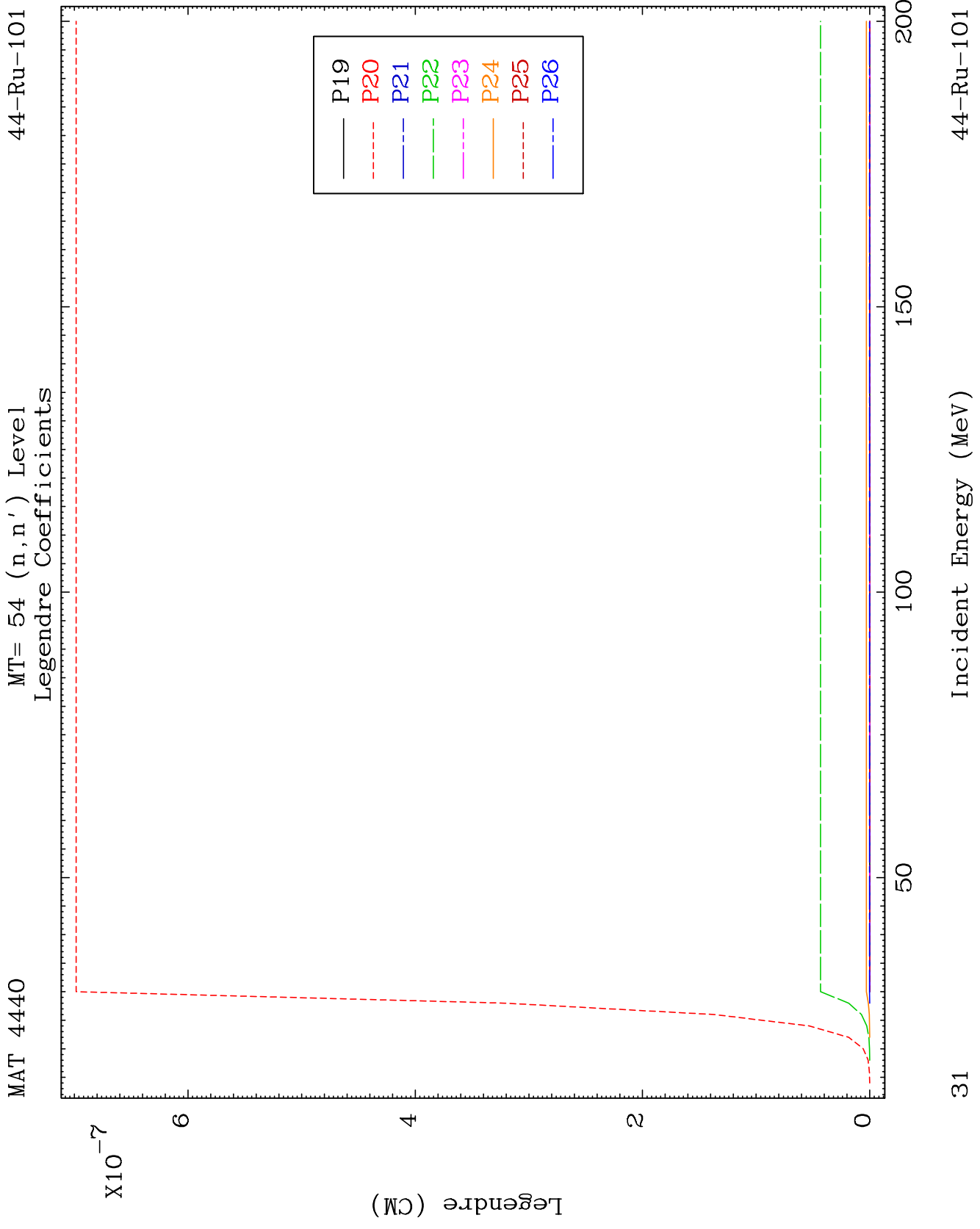
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30

Incident Energy (MeV)

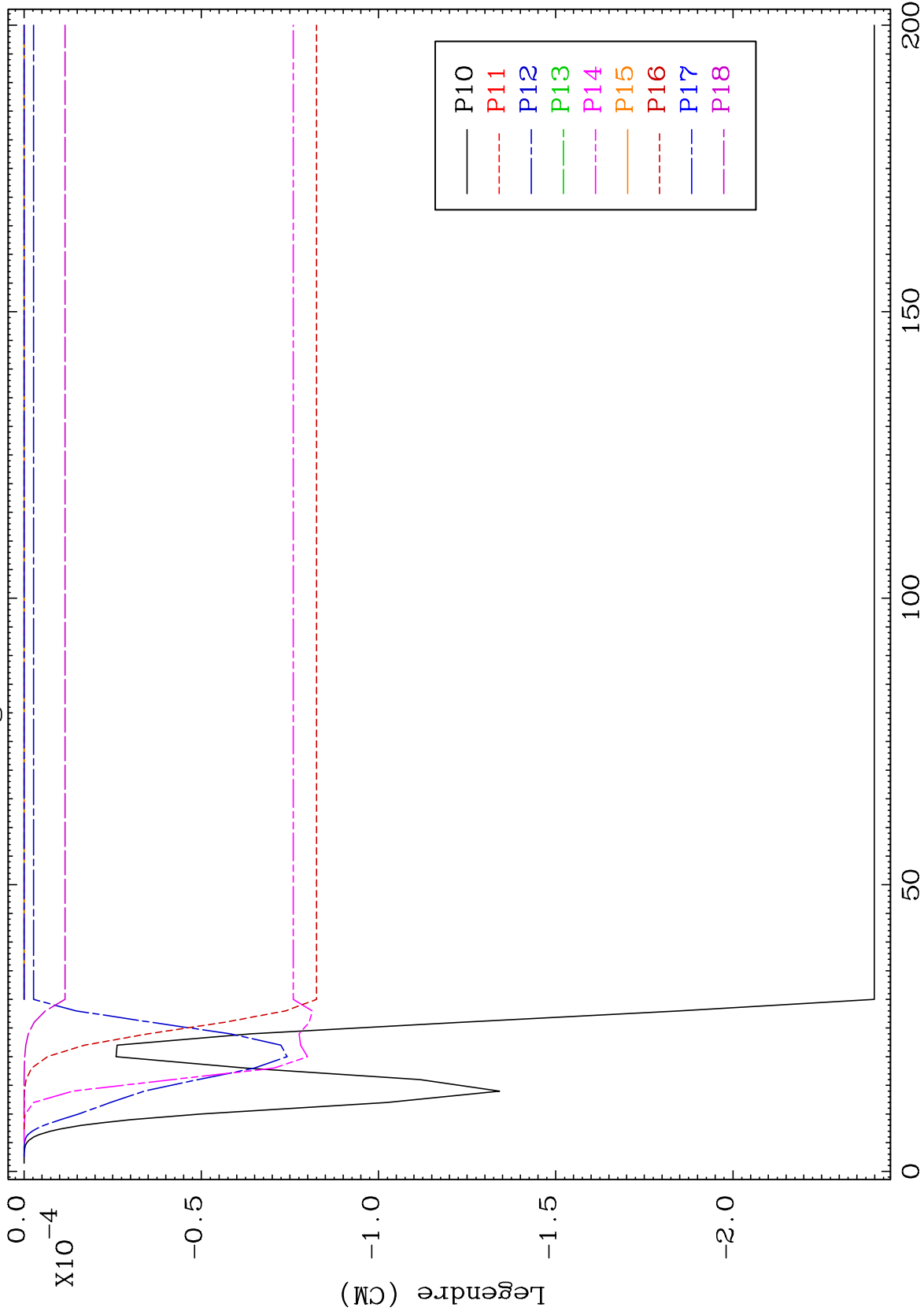
44-Ru-101



MAT 4440

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

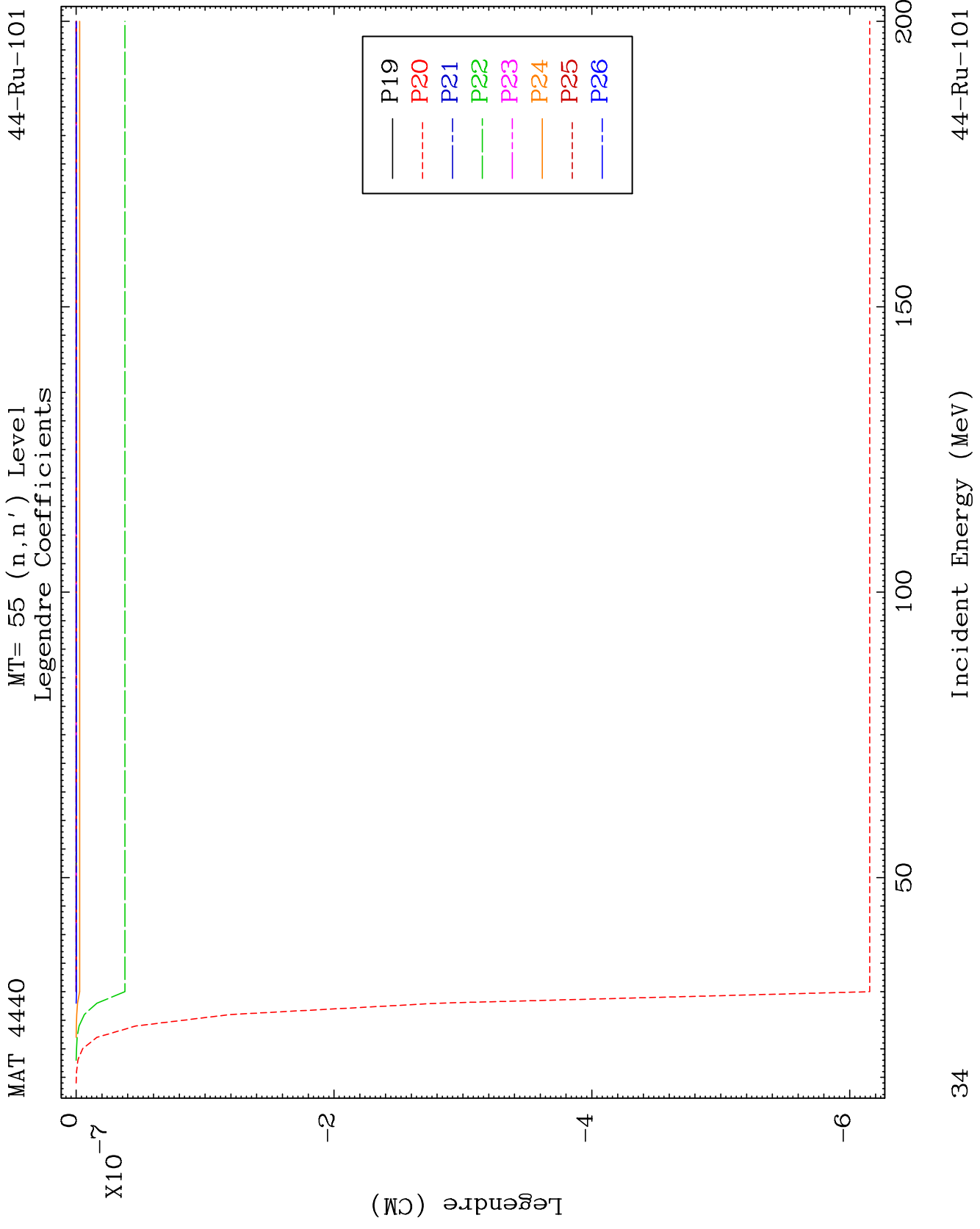
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33

Incident Energy (MeV)

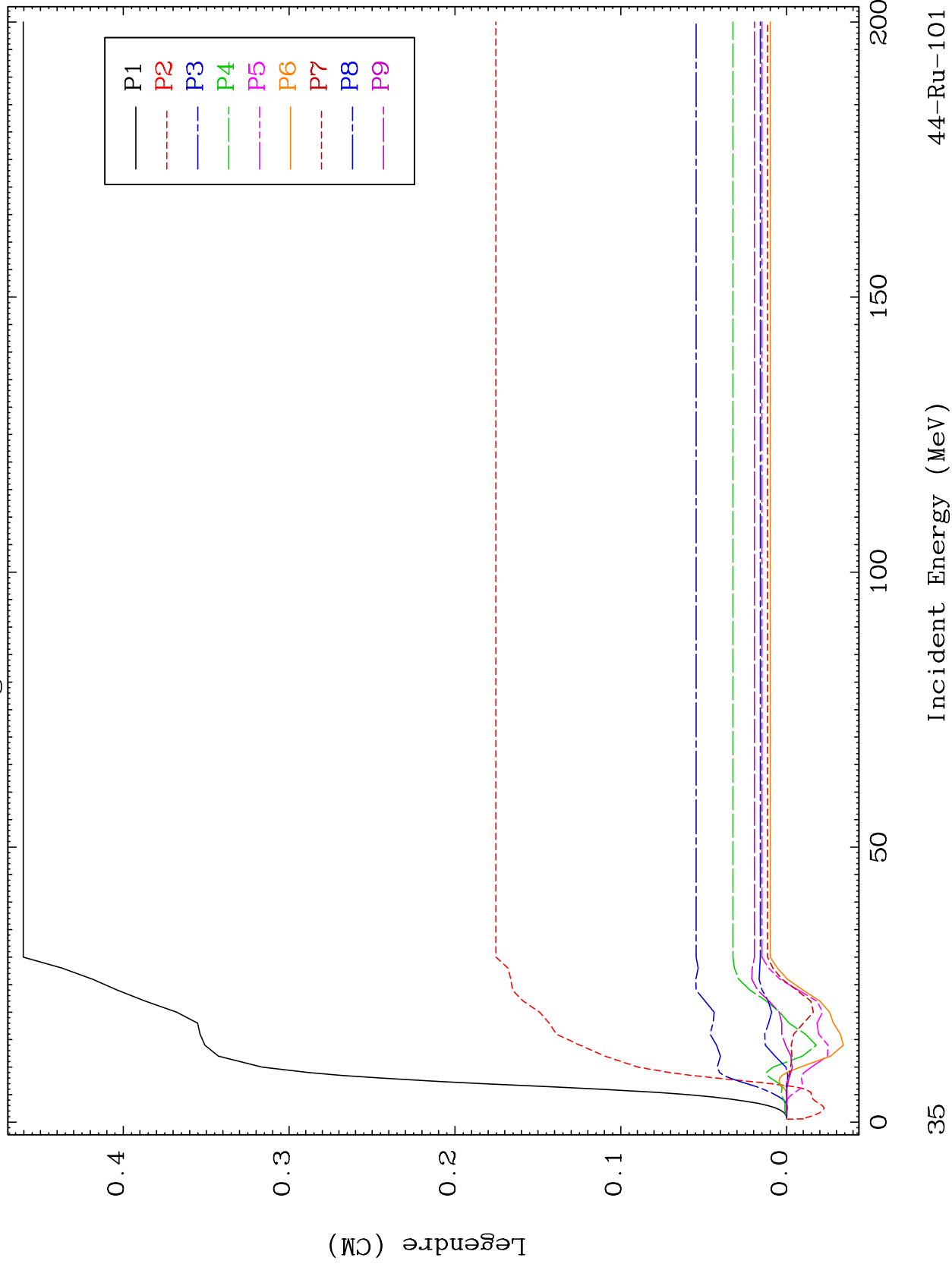
44-Ru-101



MAT 4440

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

44-Ru-101



44-Ru-101

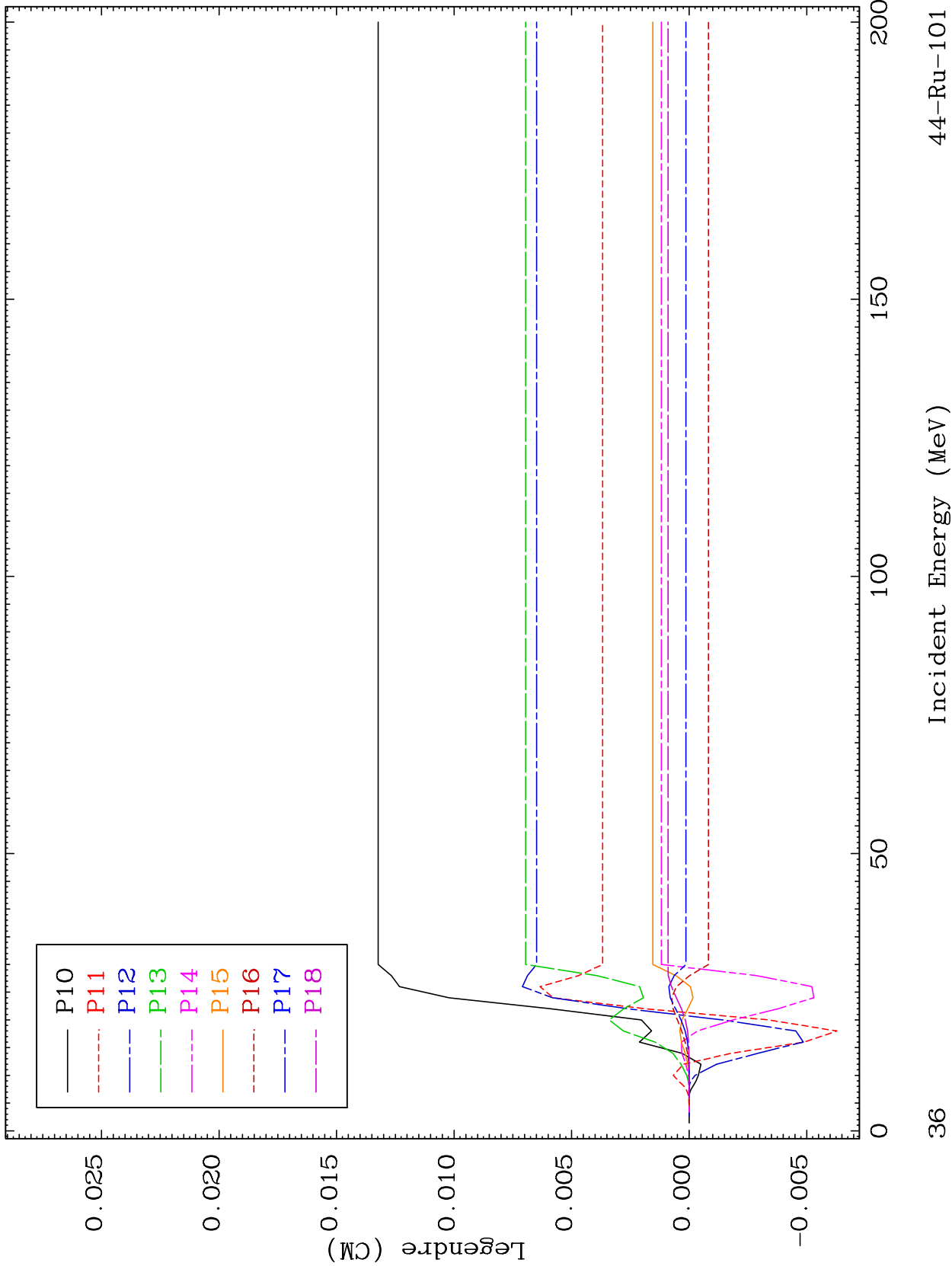
Incident Energy (MeV)

35

MAT 4440

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

44-Ru-101



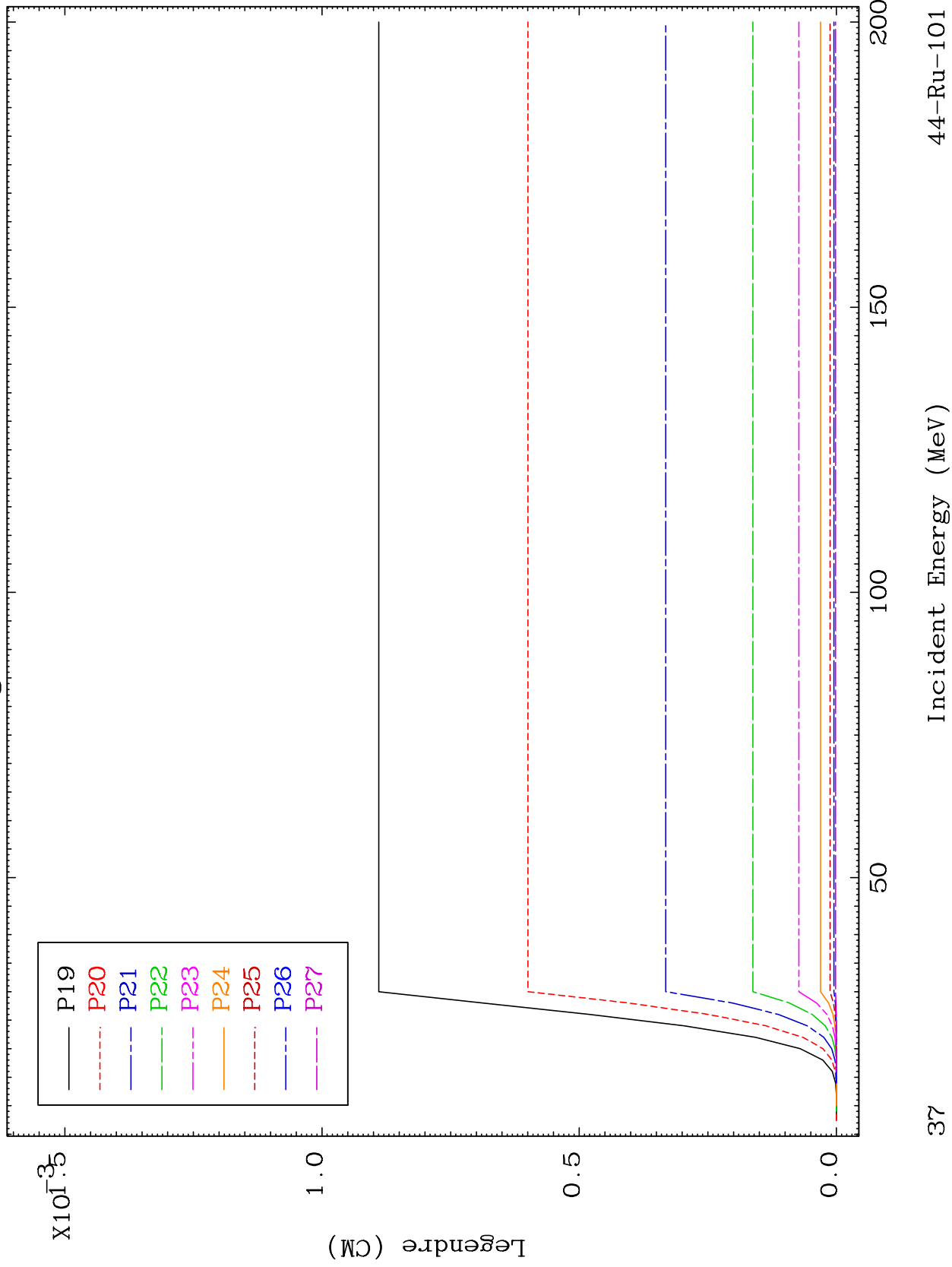
36

44-Ru-101

MAT 4440

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

44-Ru-101



37

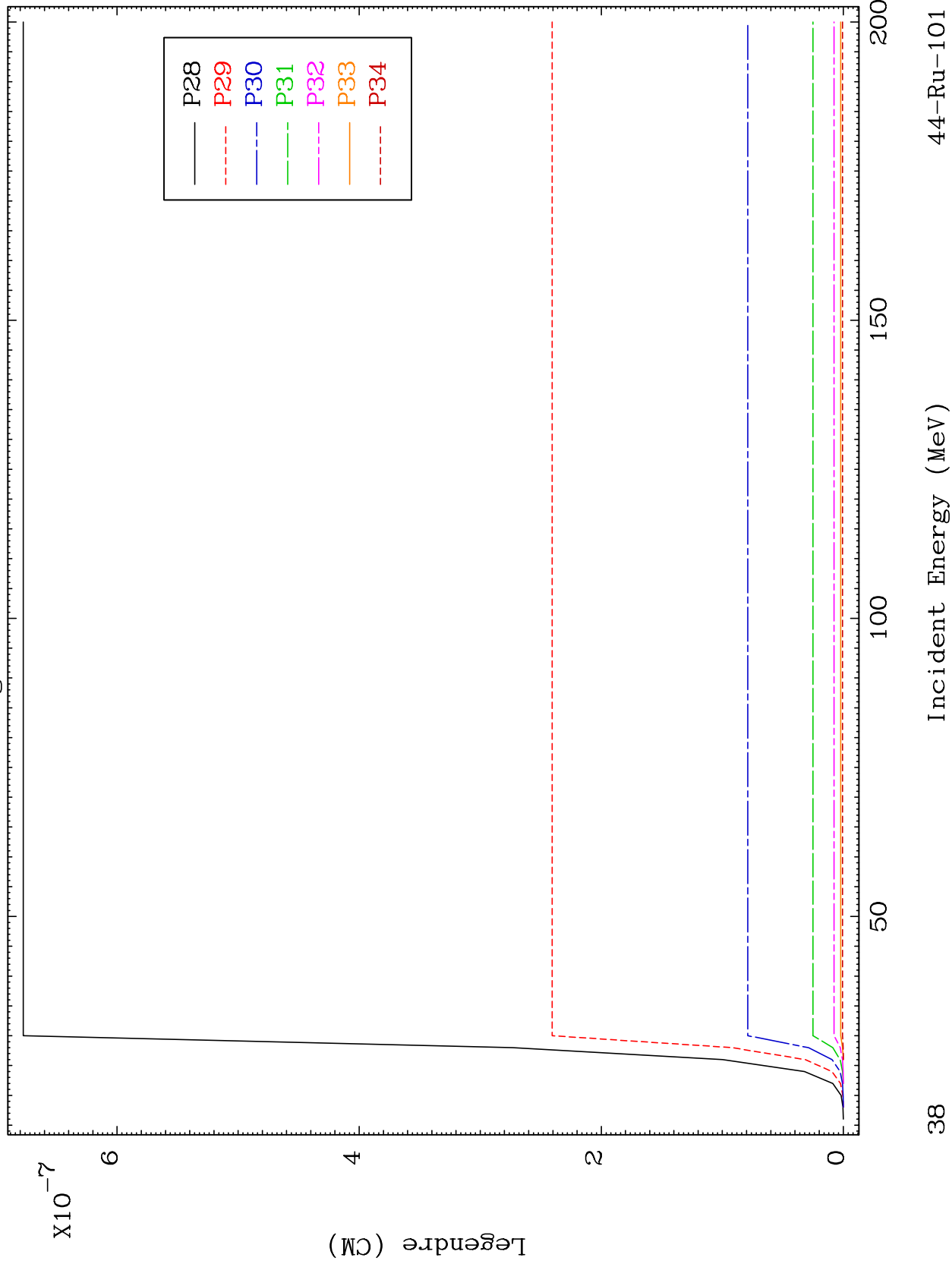
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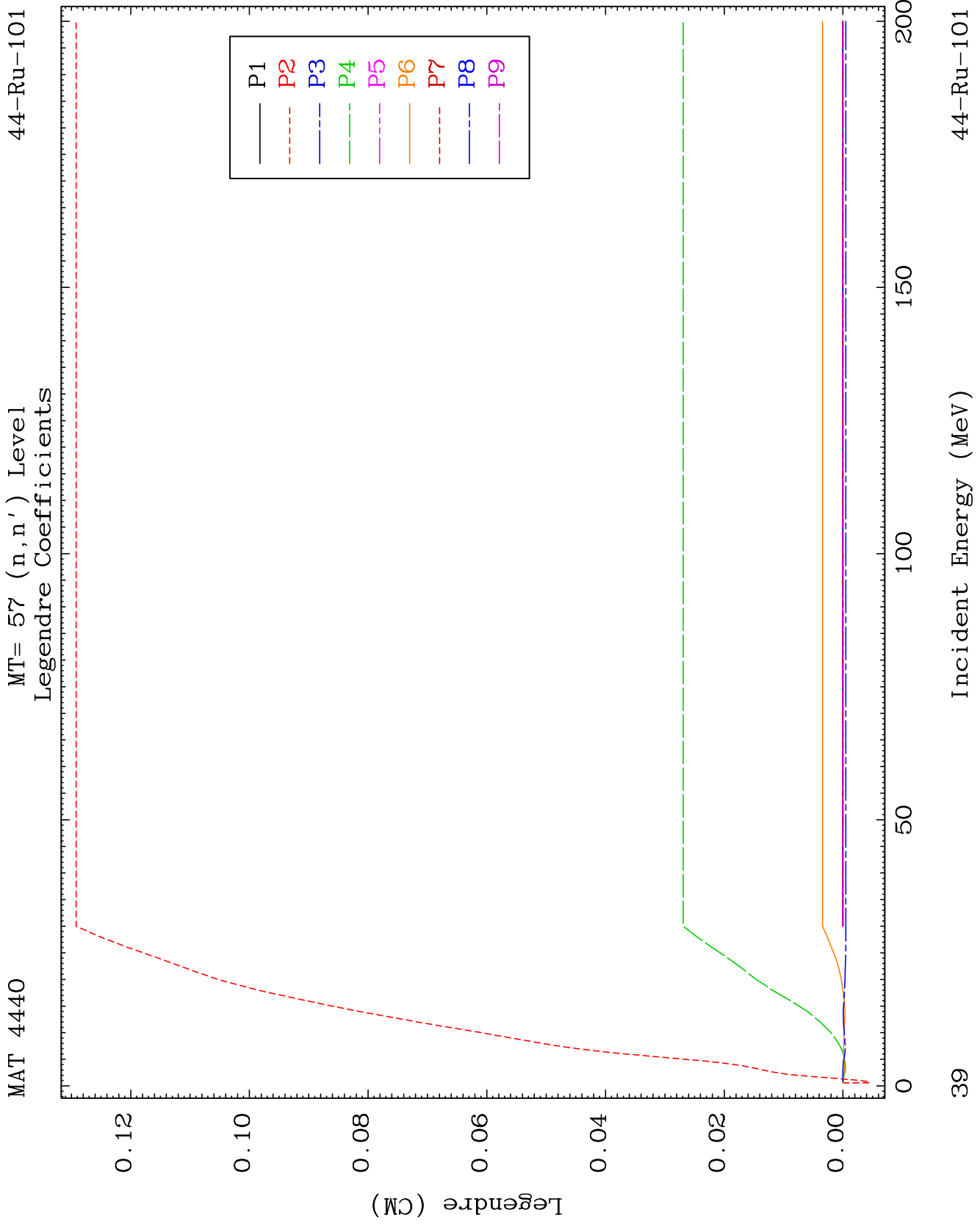
44-Ru-101

MAT 4440

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

44-Ru-101





MAT 4440

MT= 57 (n,n') Level

44-Ru-101

39

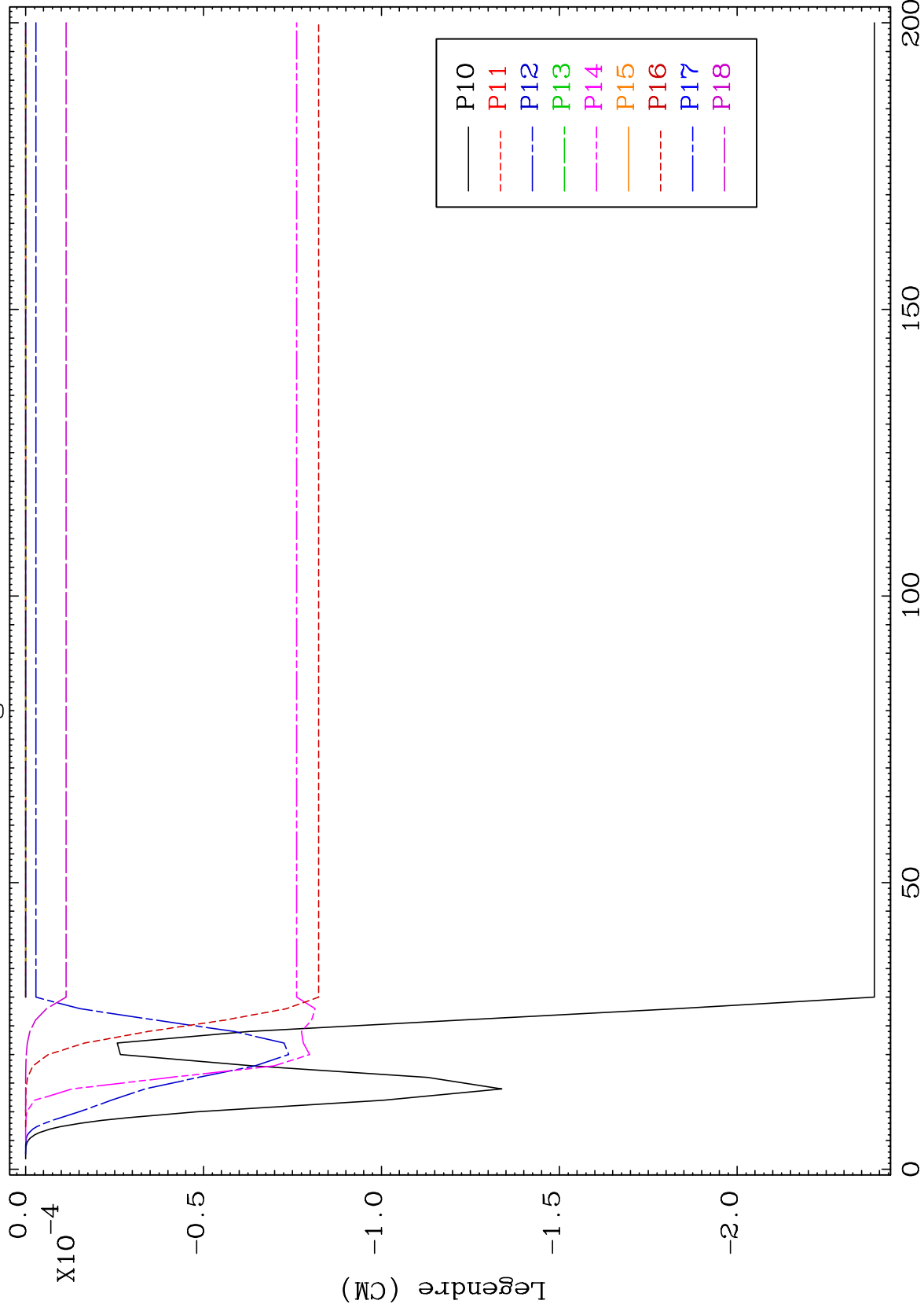
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

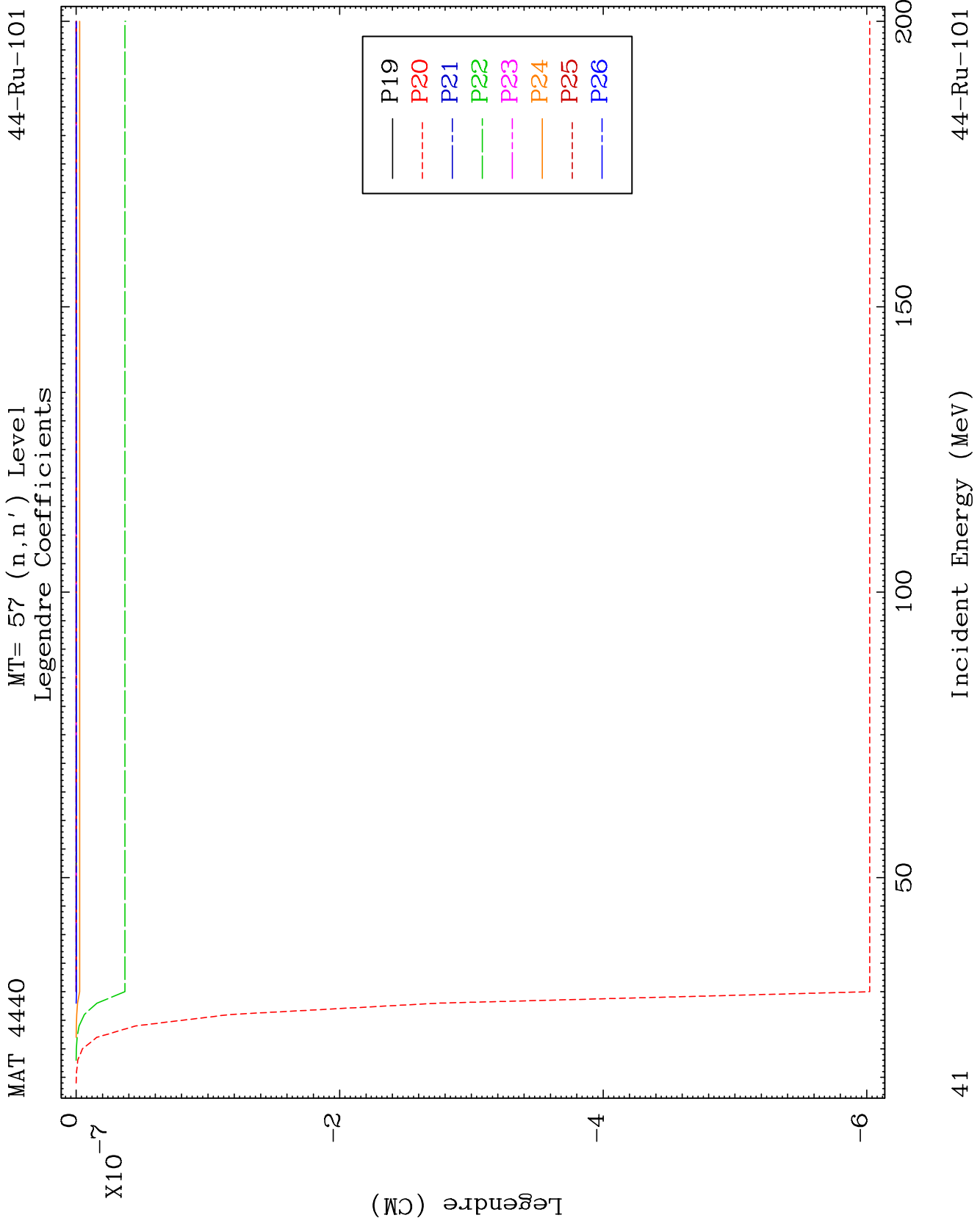
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40

Incident Energy (MeV)

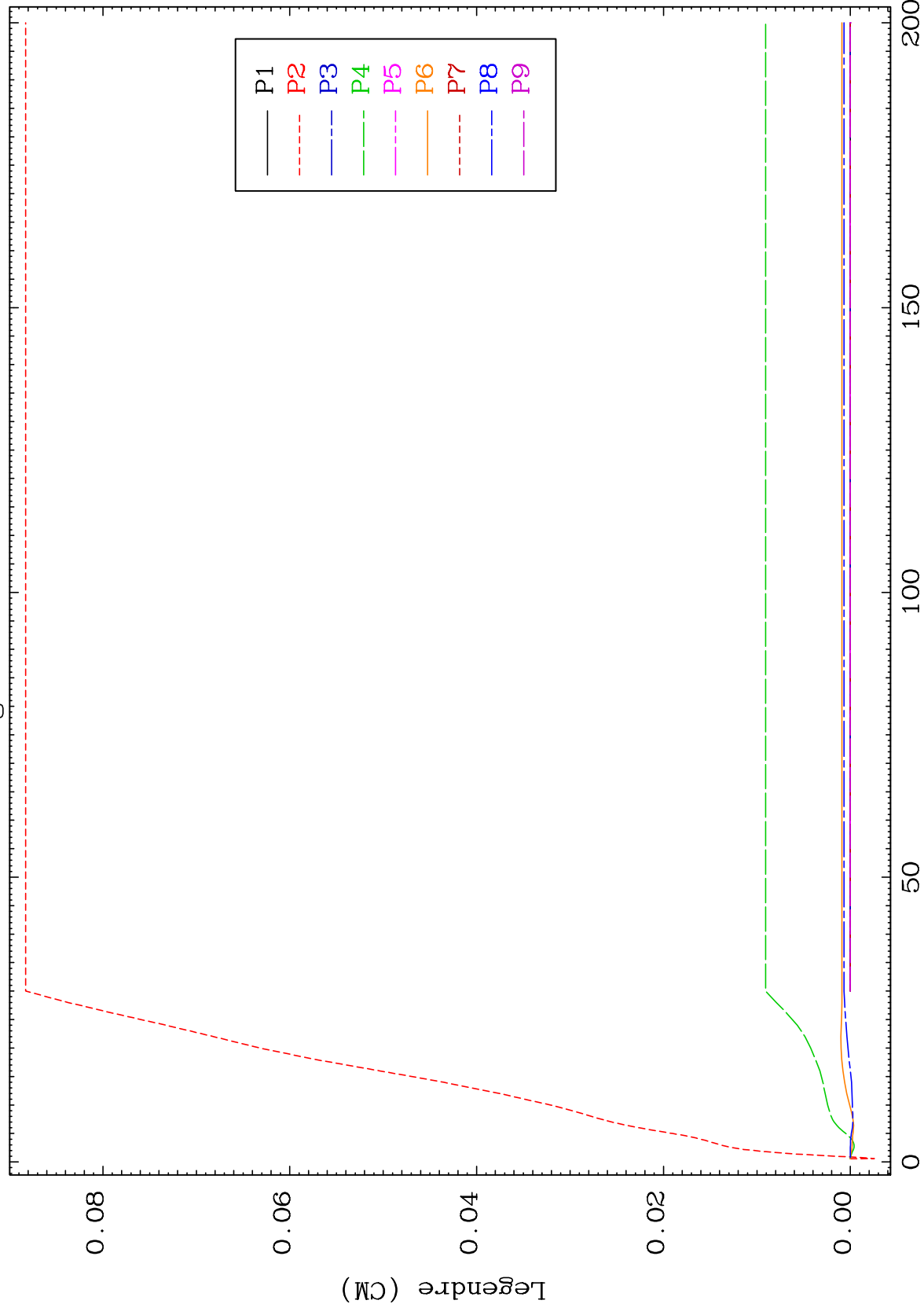
44-Ru-101



MAT 4440

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

44-Ru-101



44-Ru-101

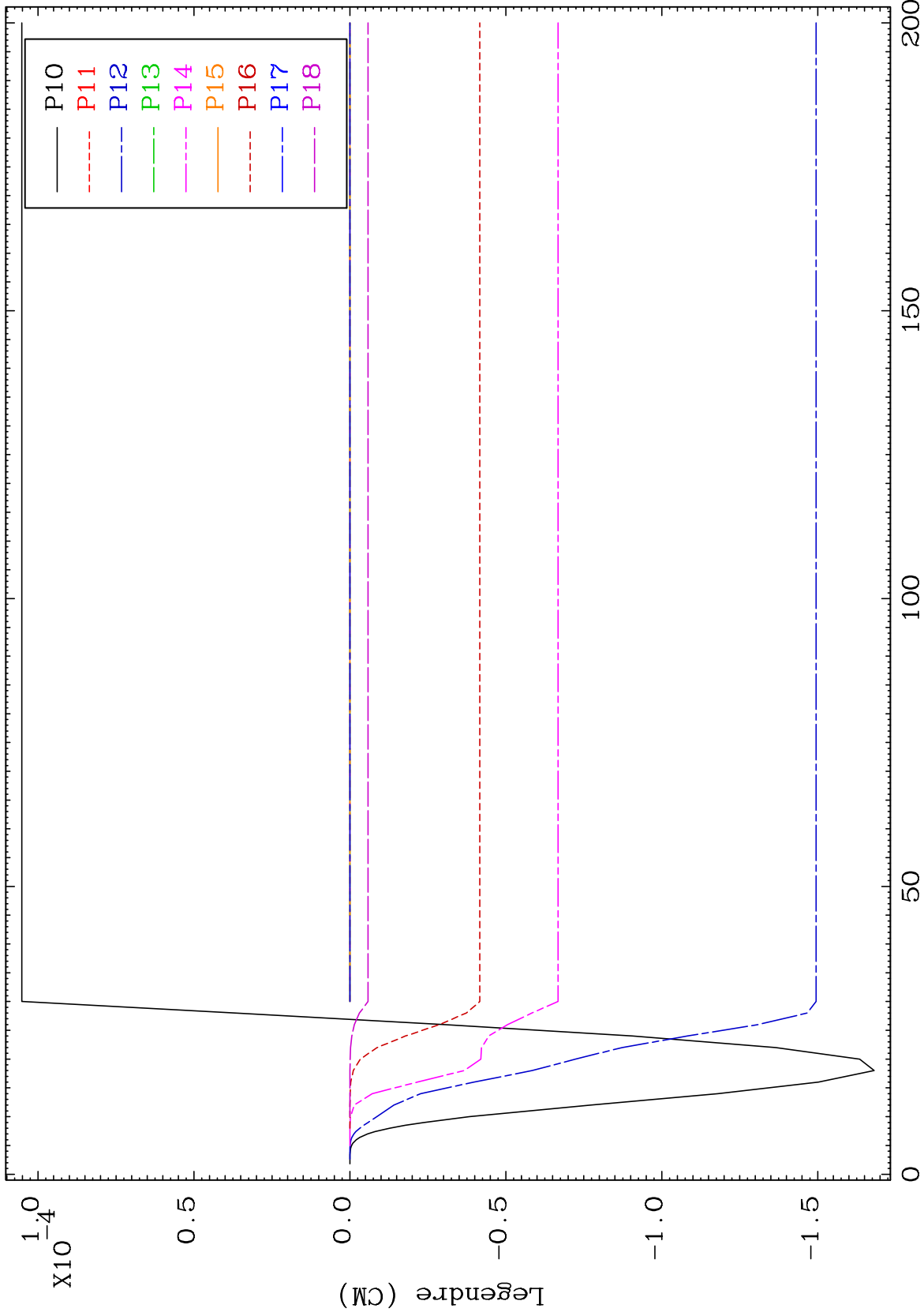
Incident Energy (MeV)

42

MAT 4440

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

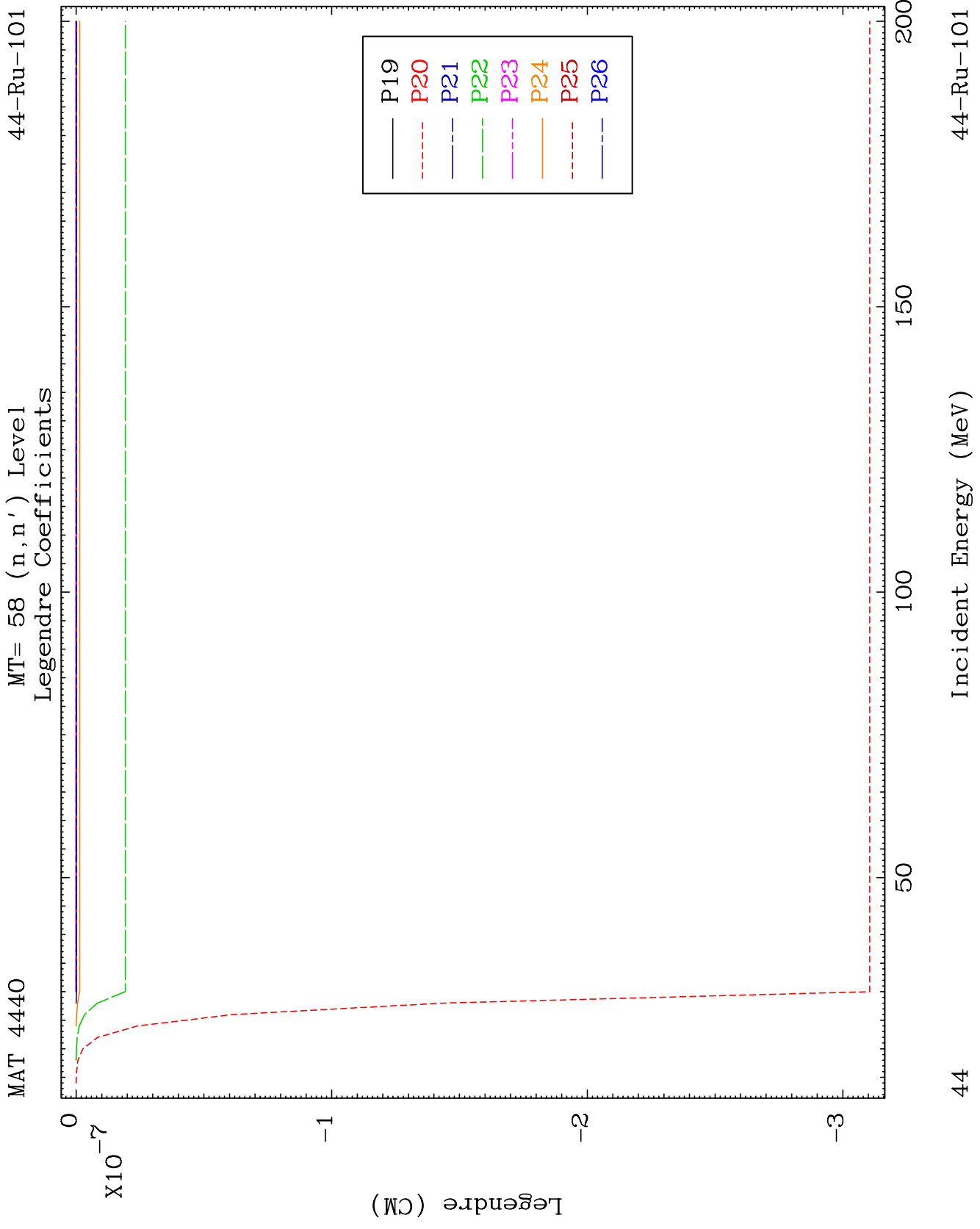
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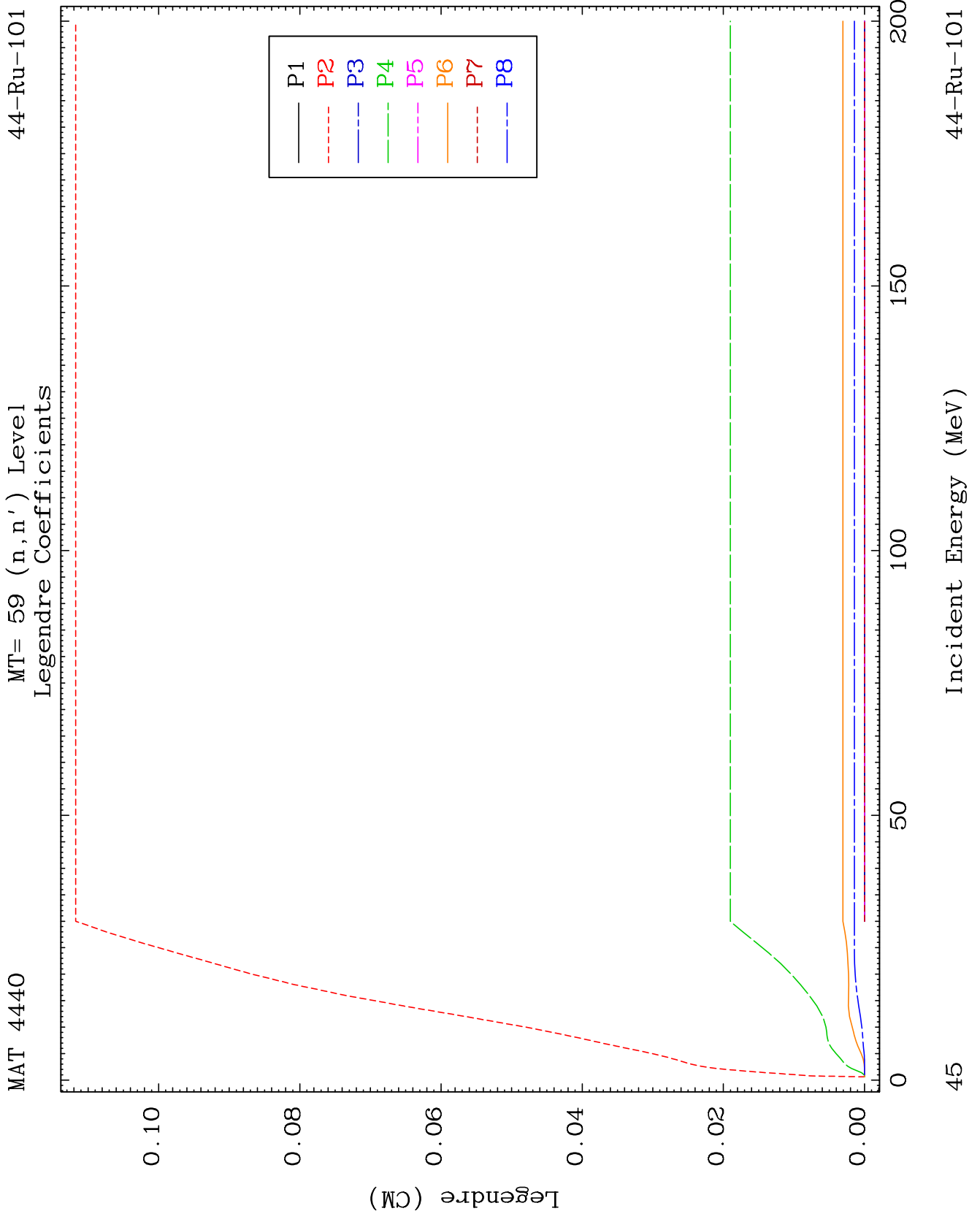


43

Incident Energy (MeV)

44-Ru-101

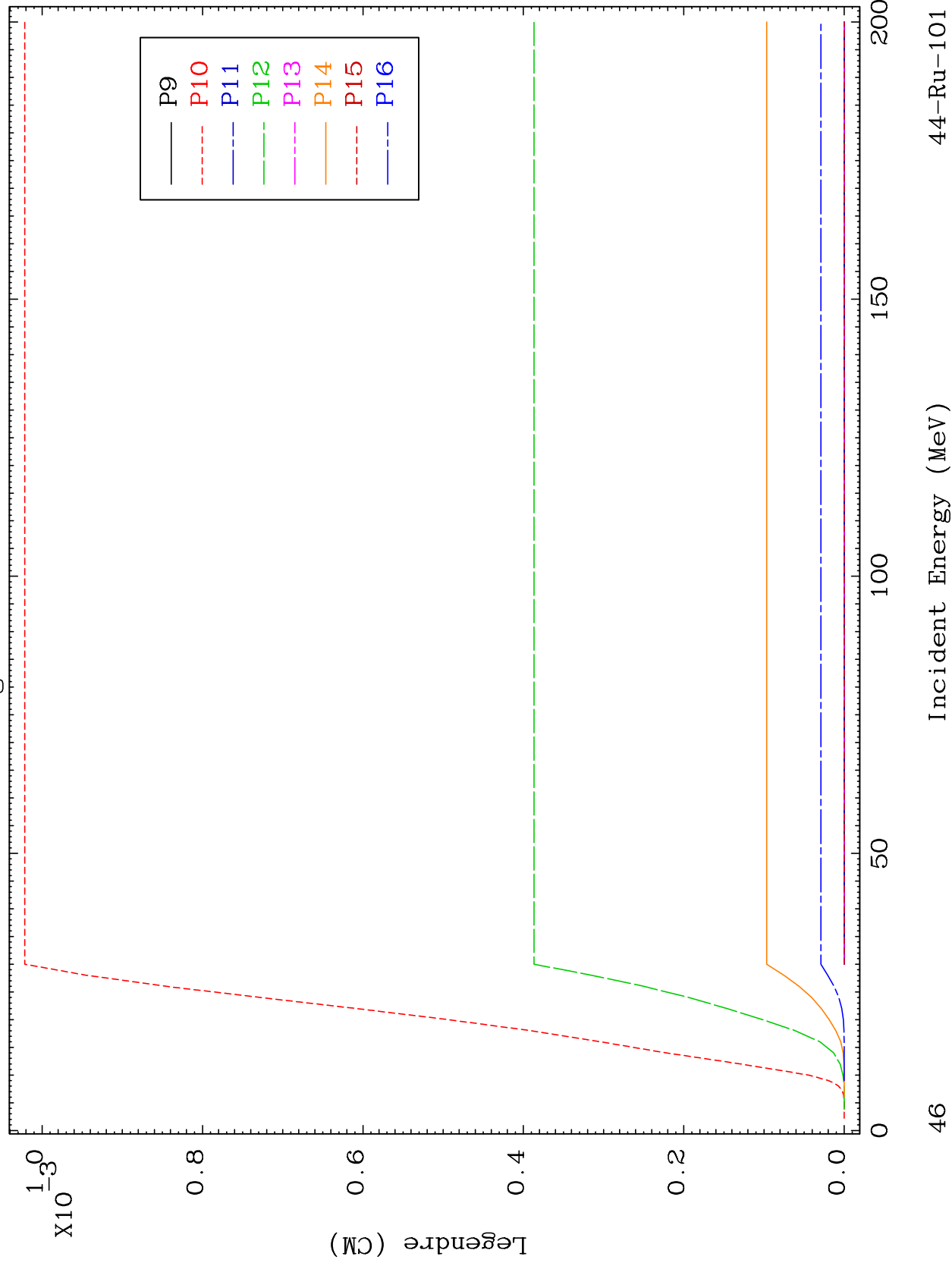




MAT 4440

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

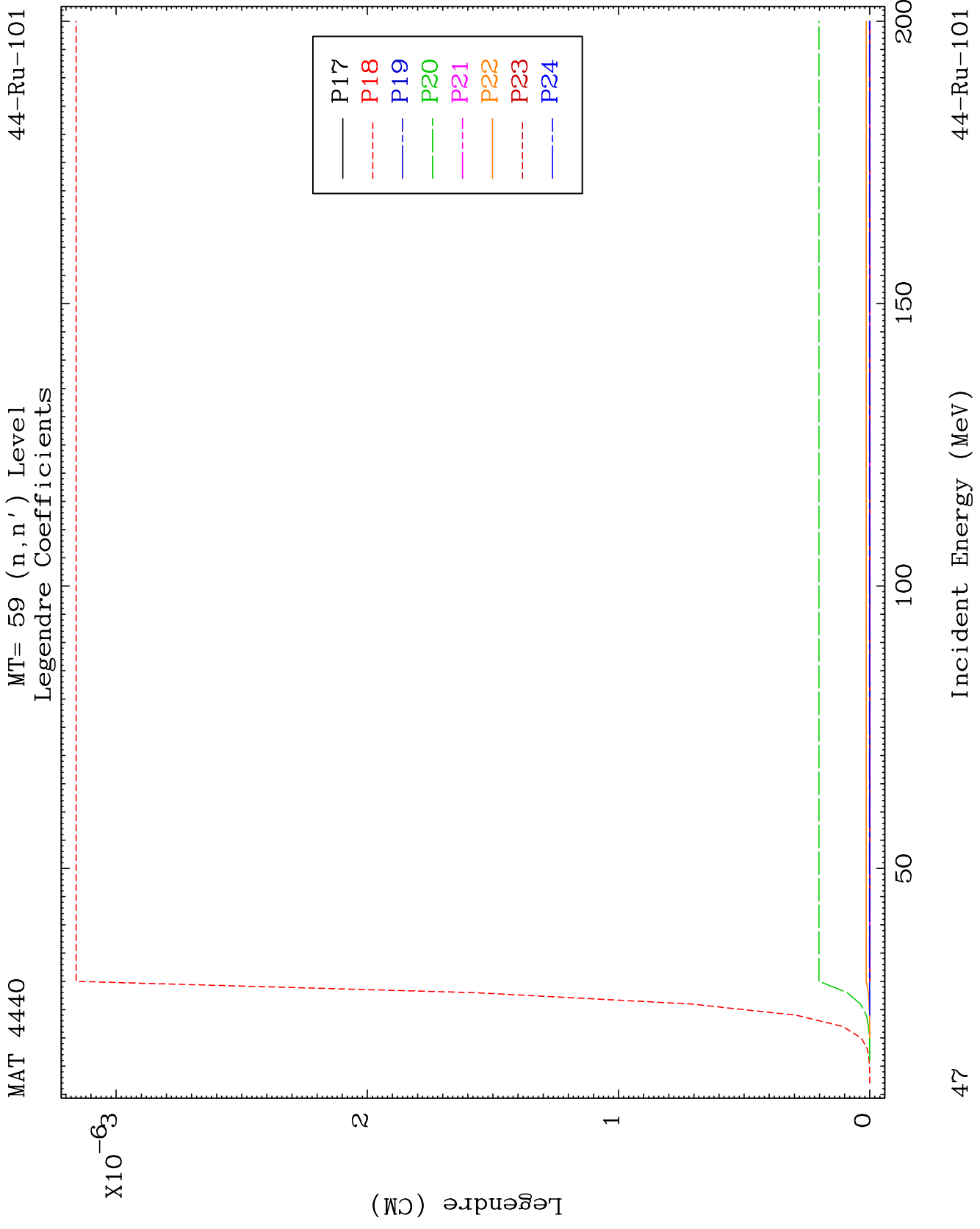
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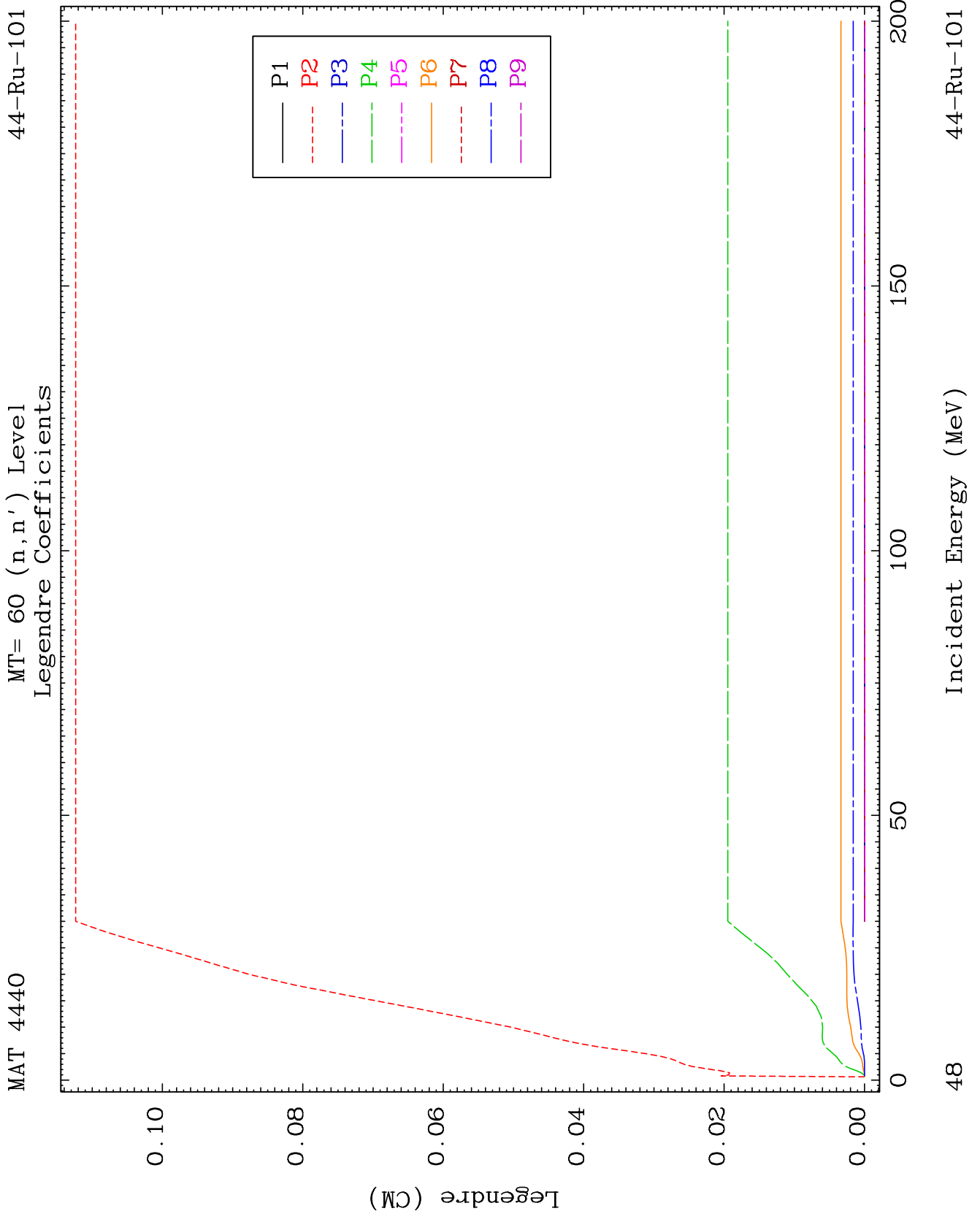


46

Incident Energy (MeV)

44-Ru-101

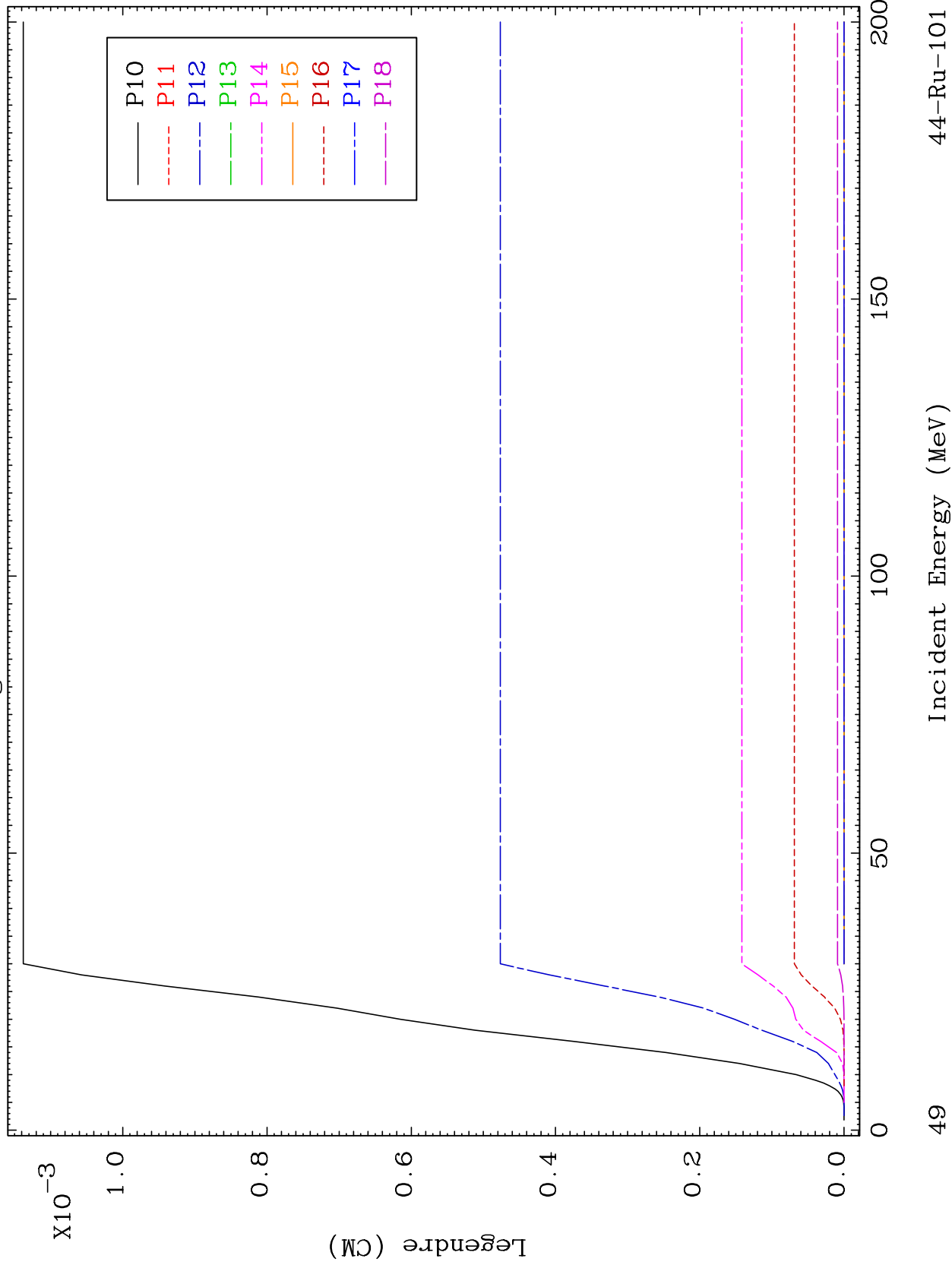




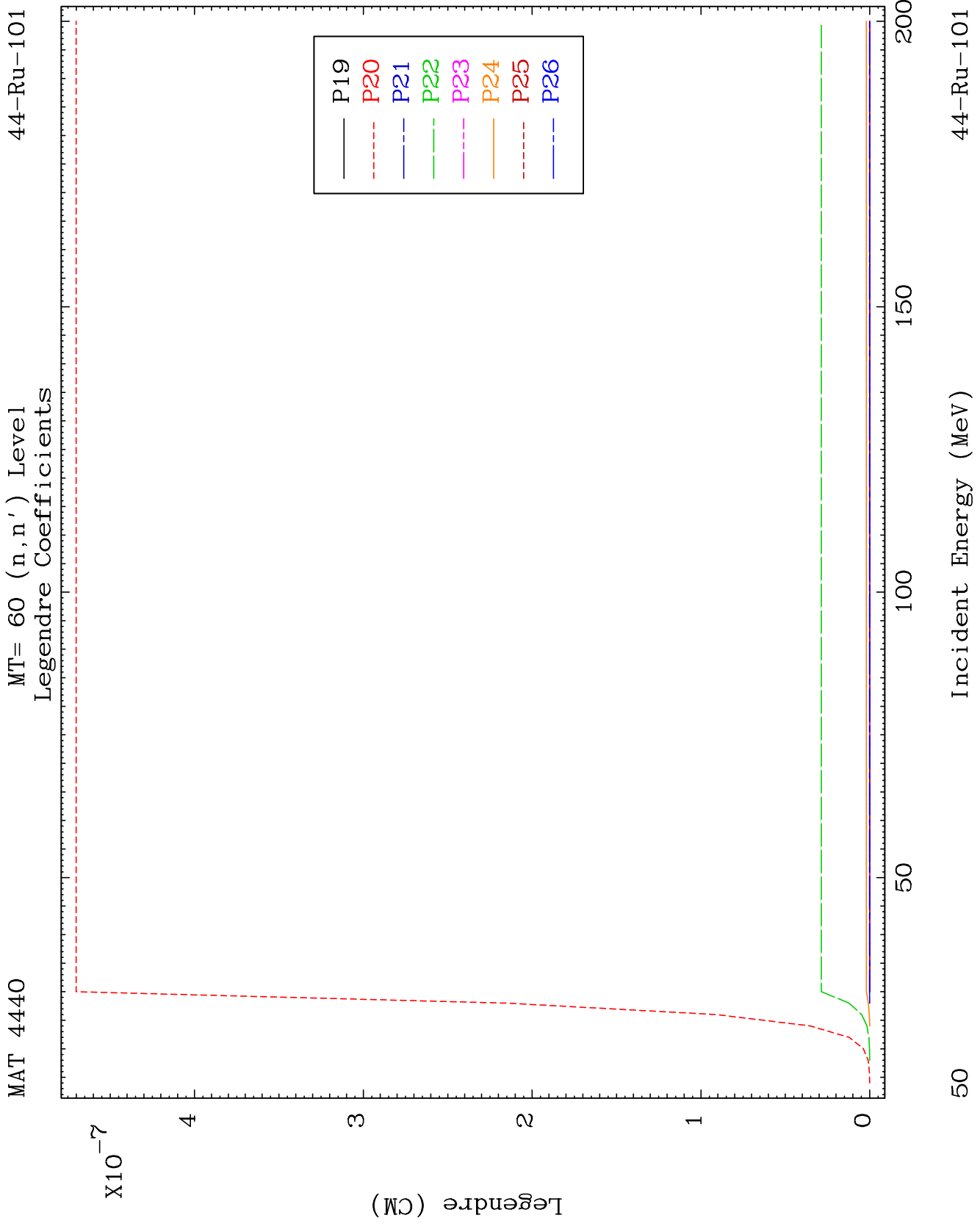
MAT 4440

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

44-Ru-101



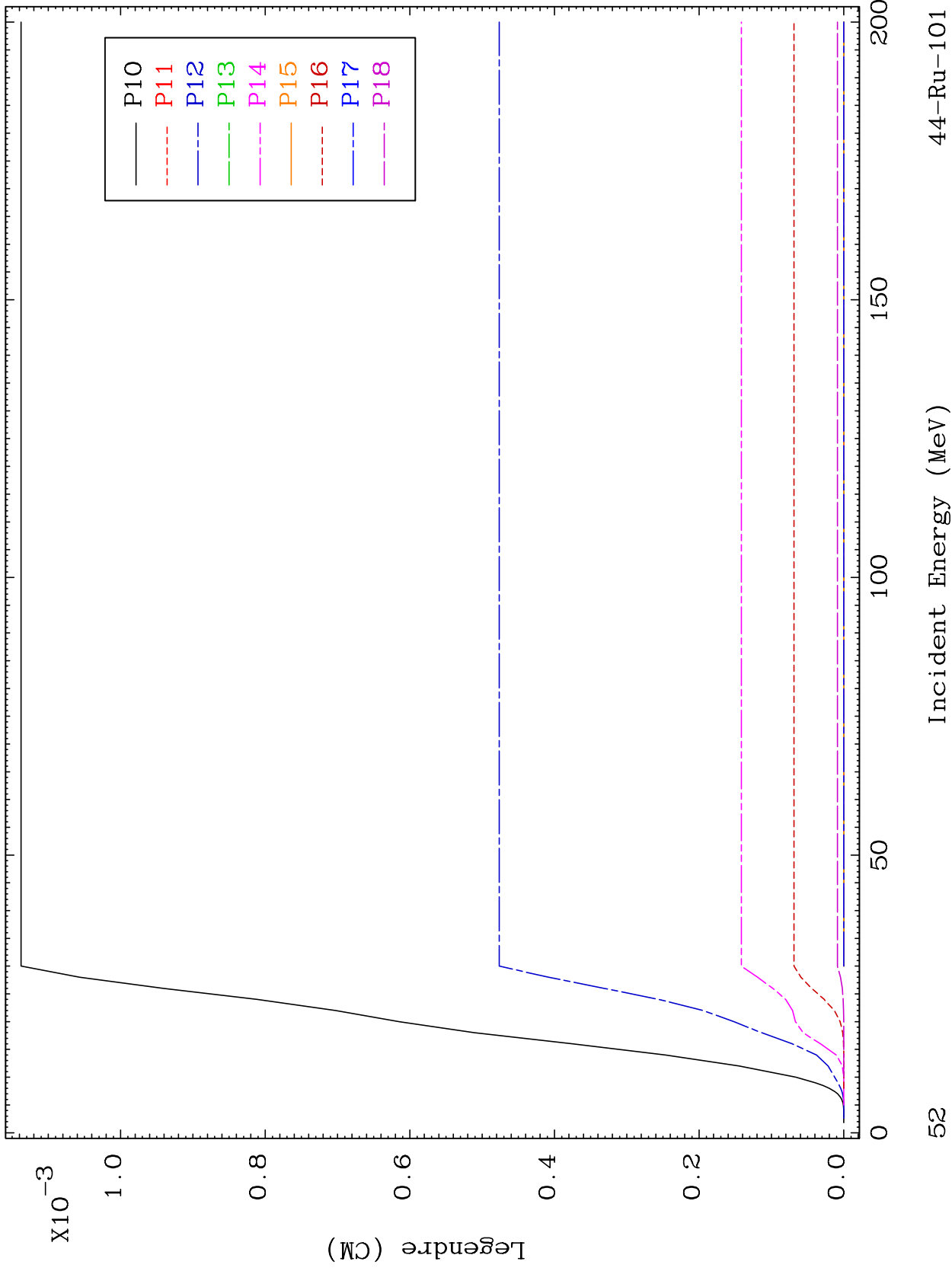
49



MAT 4440

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

44-Ru-101



52

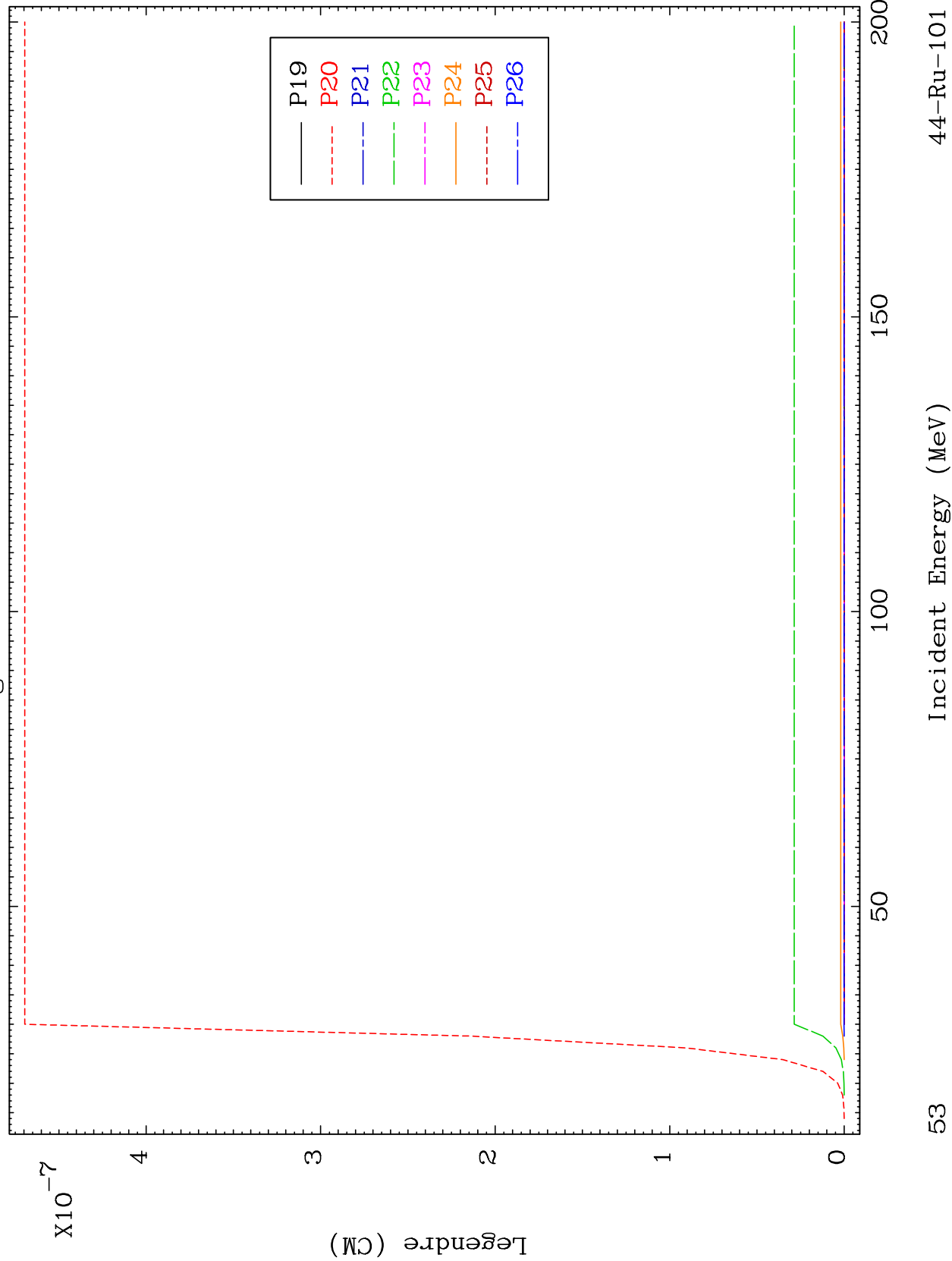
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



53

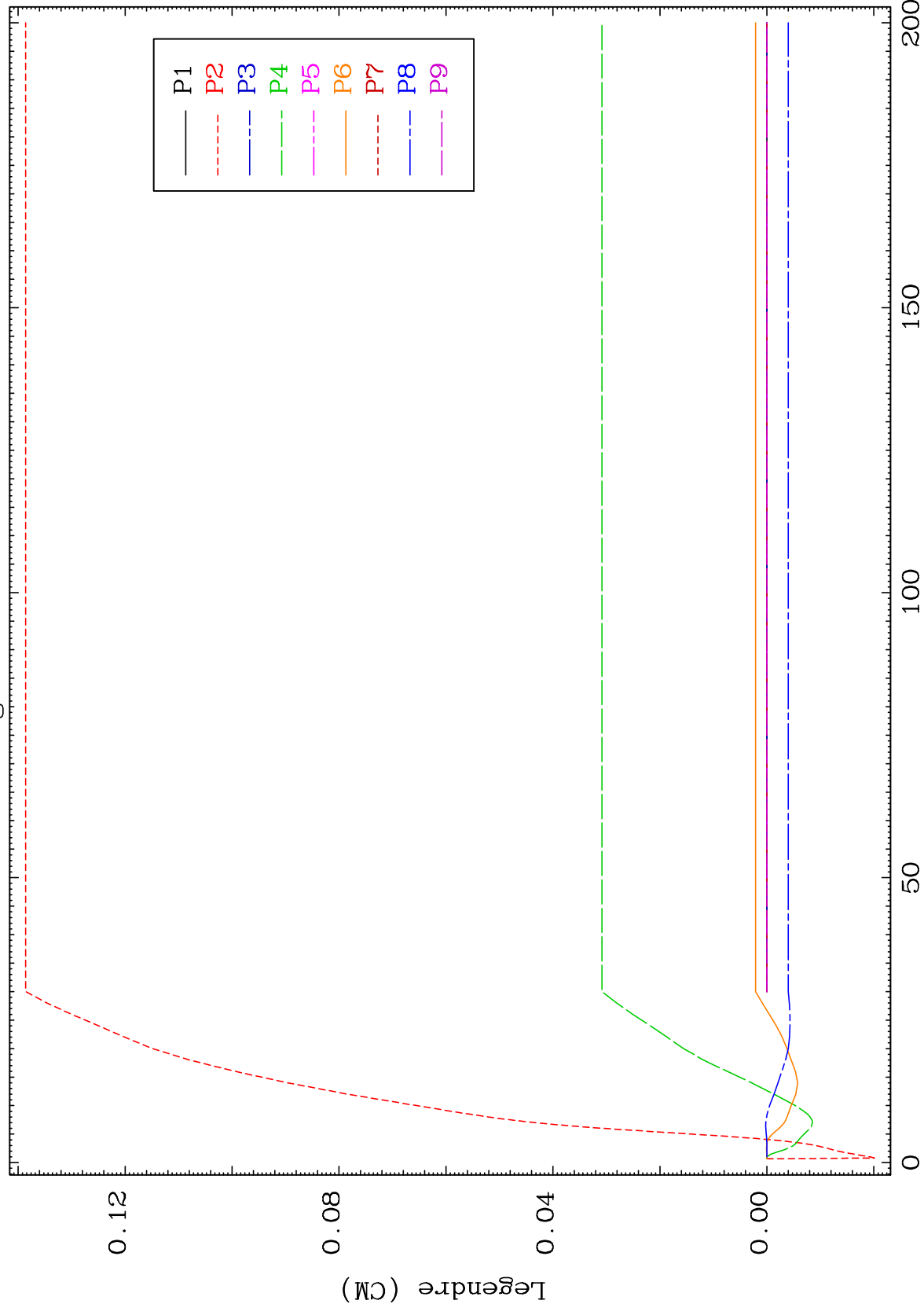
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



54

Incident Energy (MeV)

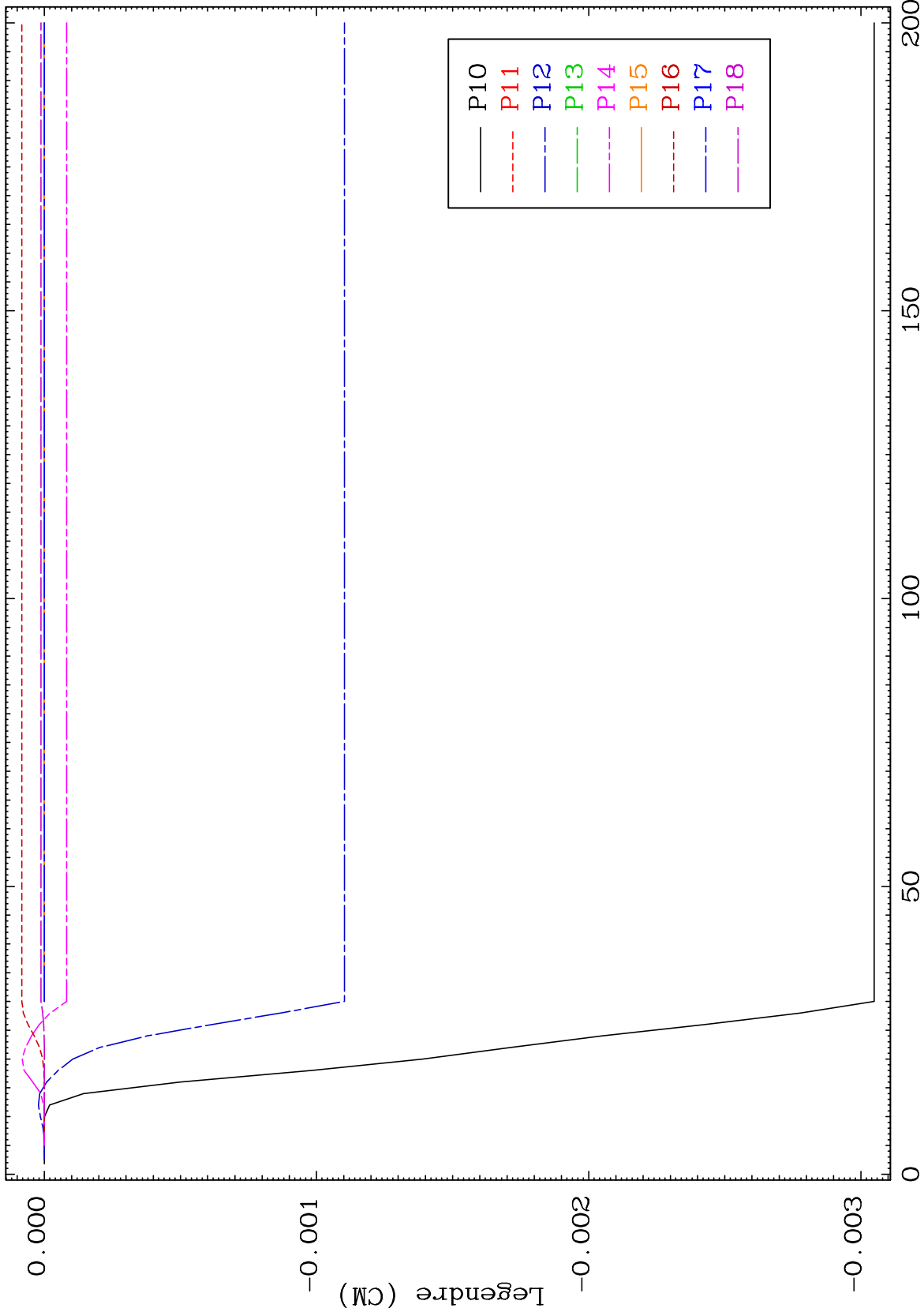
44-Ru-101

MAT 4440

MT= 62 (n,n') Level

44-Ru-101

Legendre Coefficients



55

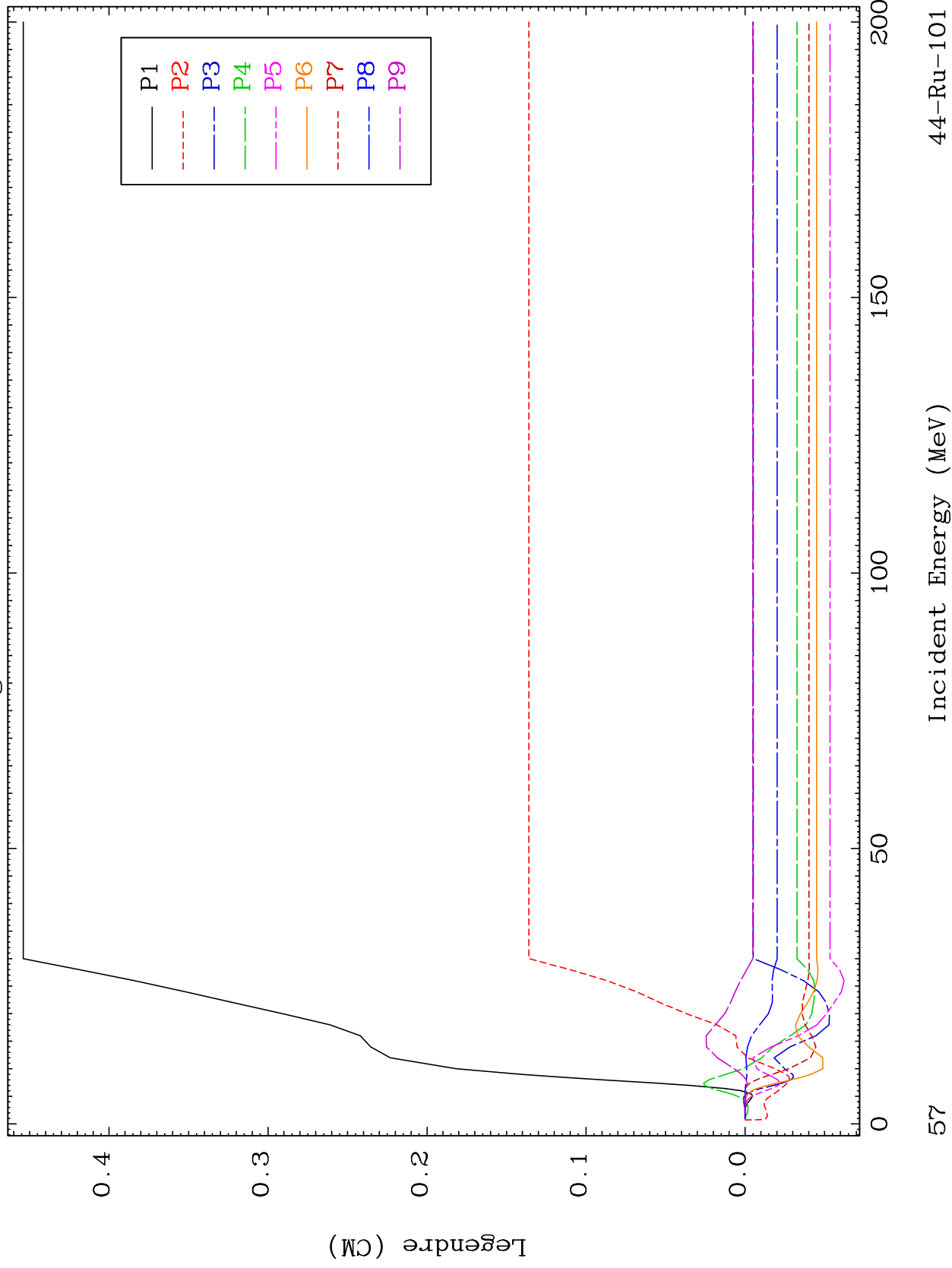
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



57

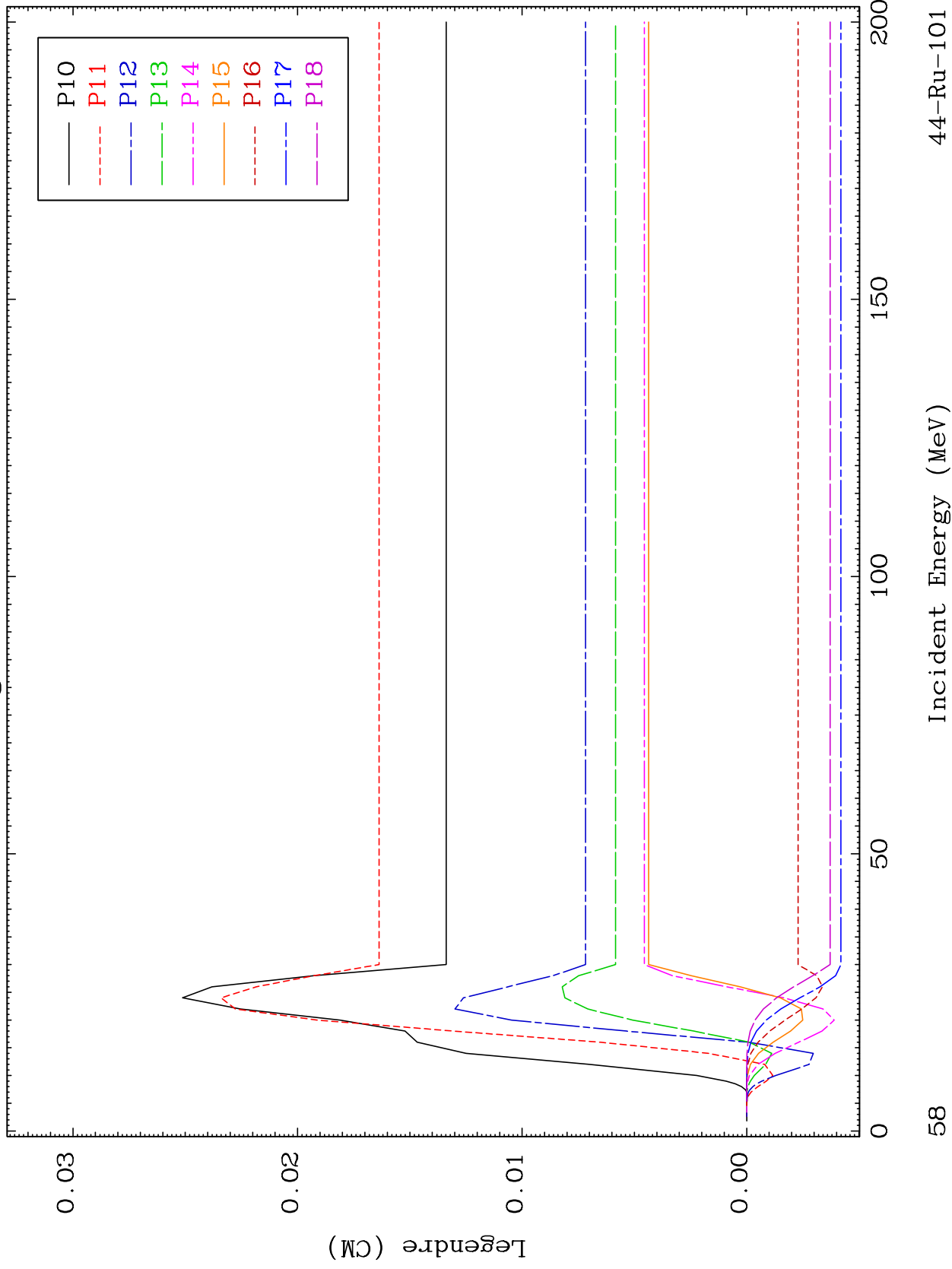
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



58

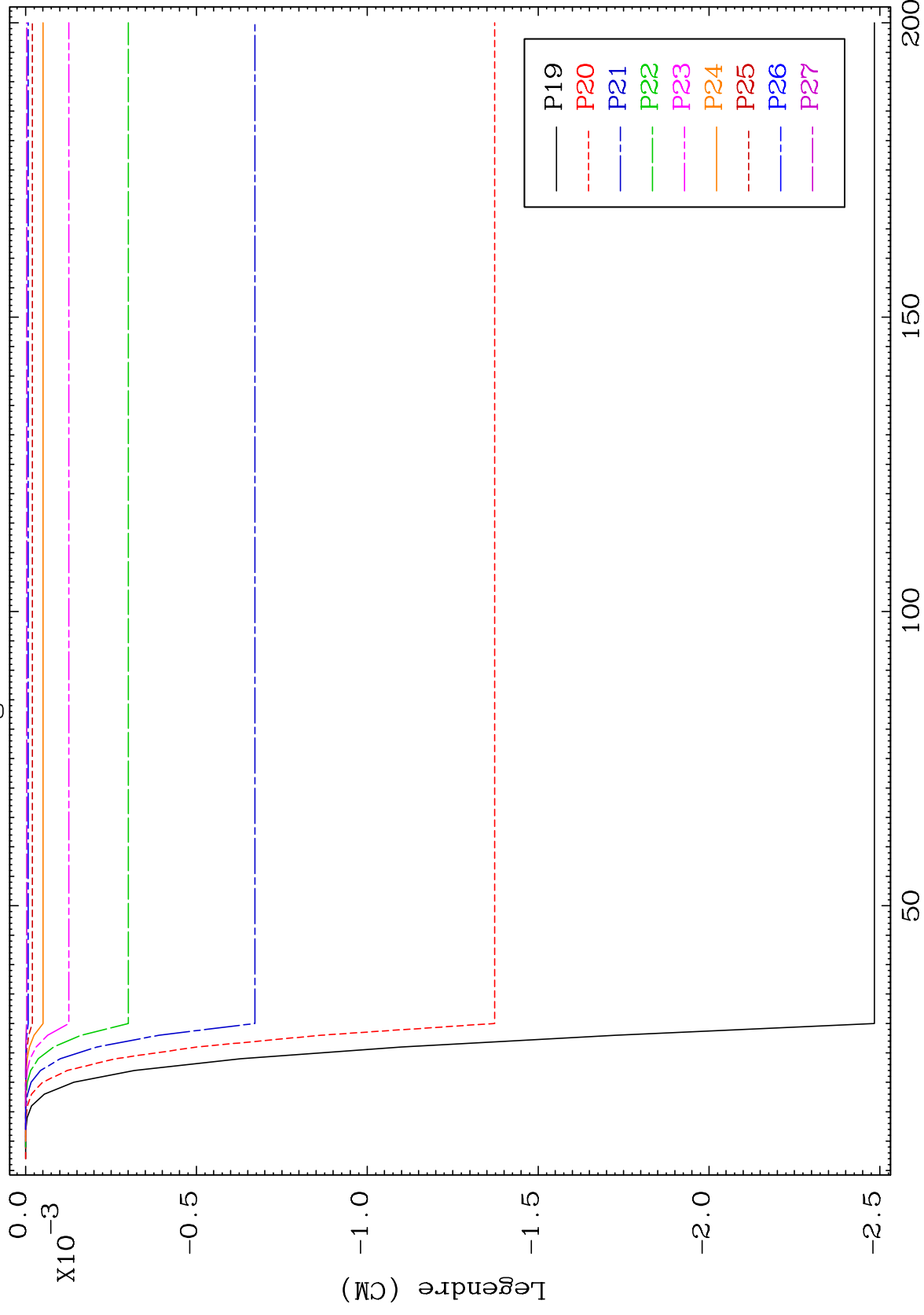
Incident Energy (MeV)

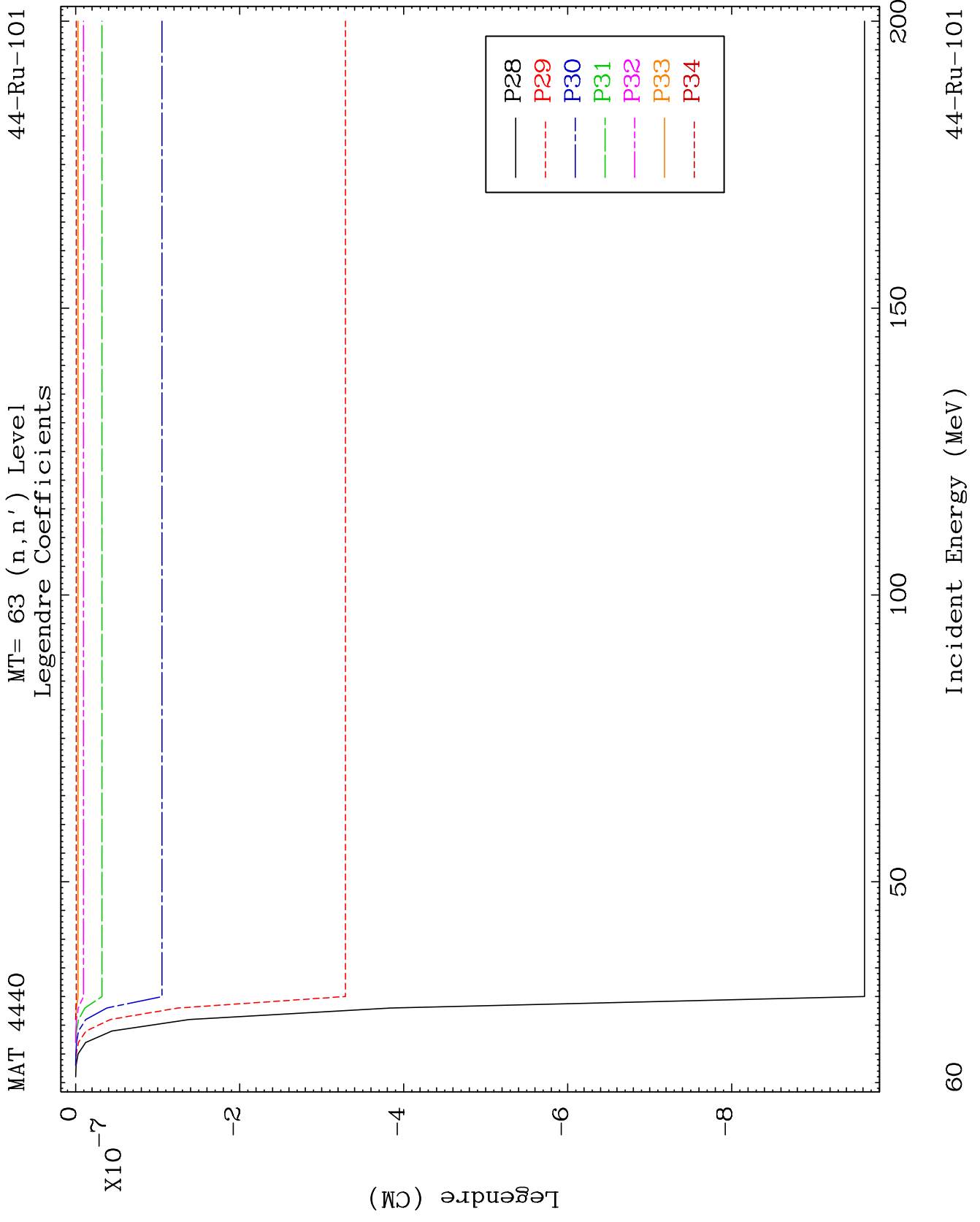
44-Ru-101

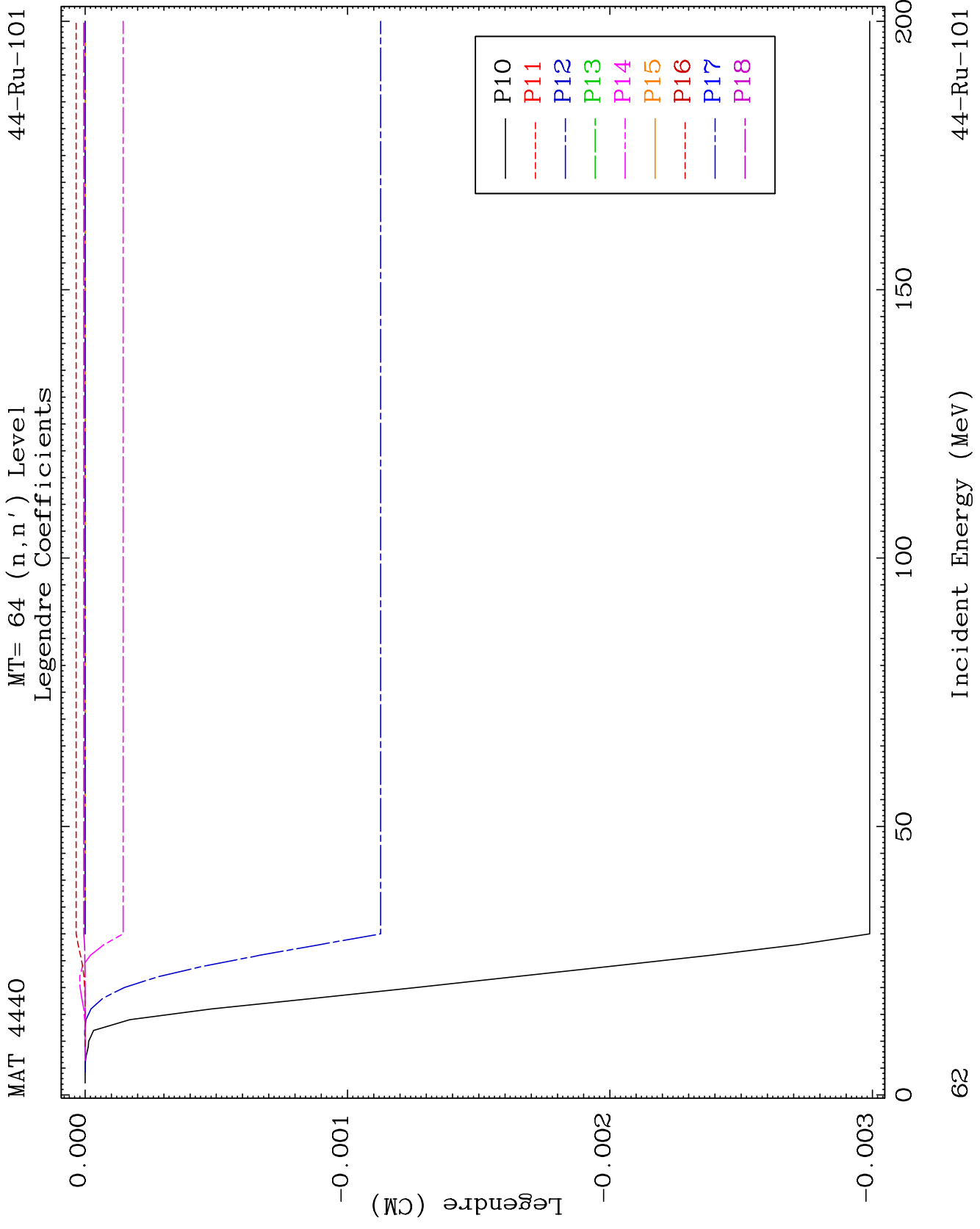
MAT 4440

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

44-Ru-101



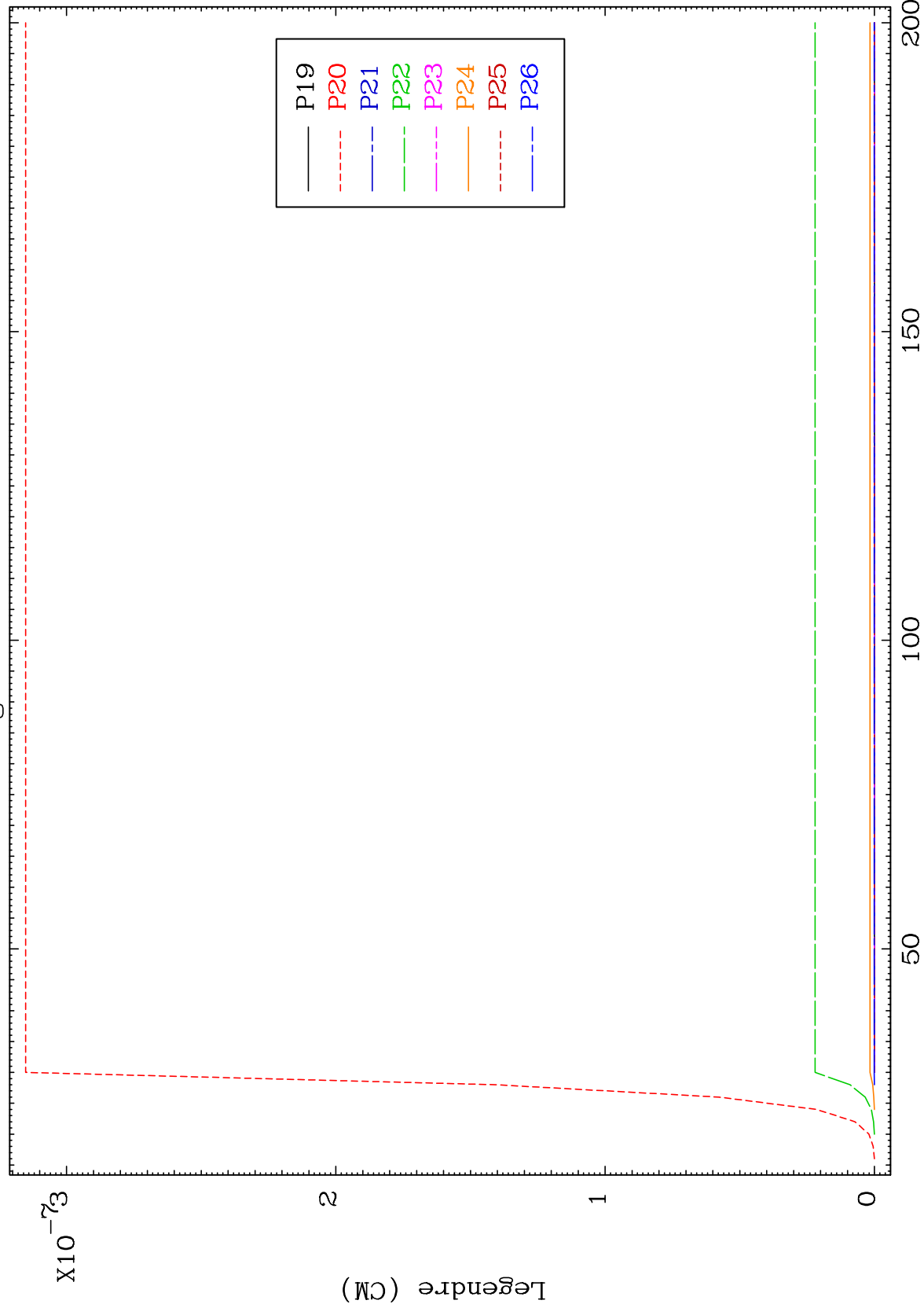




MAT 4440

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

44-Ru-101



63

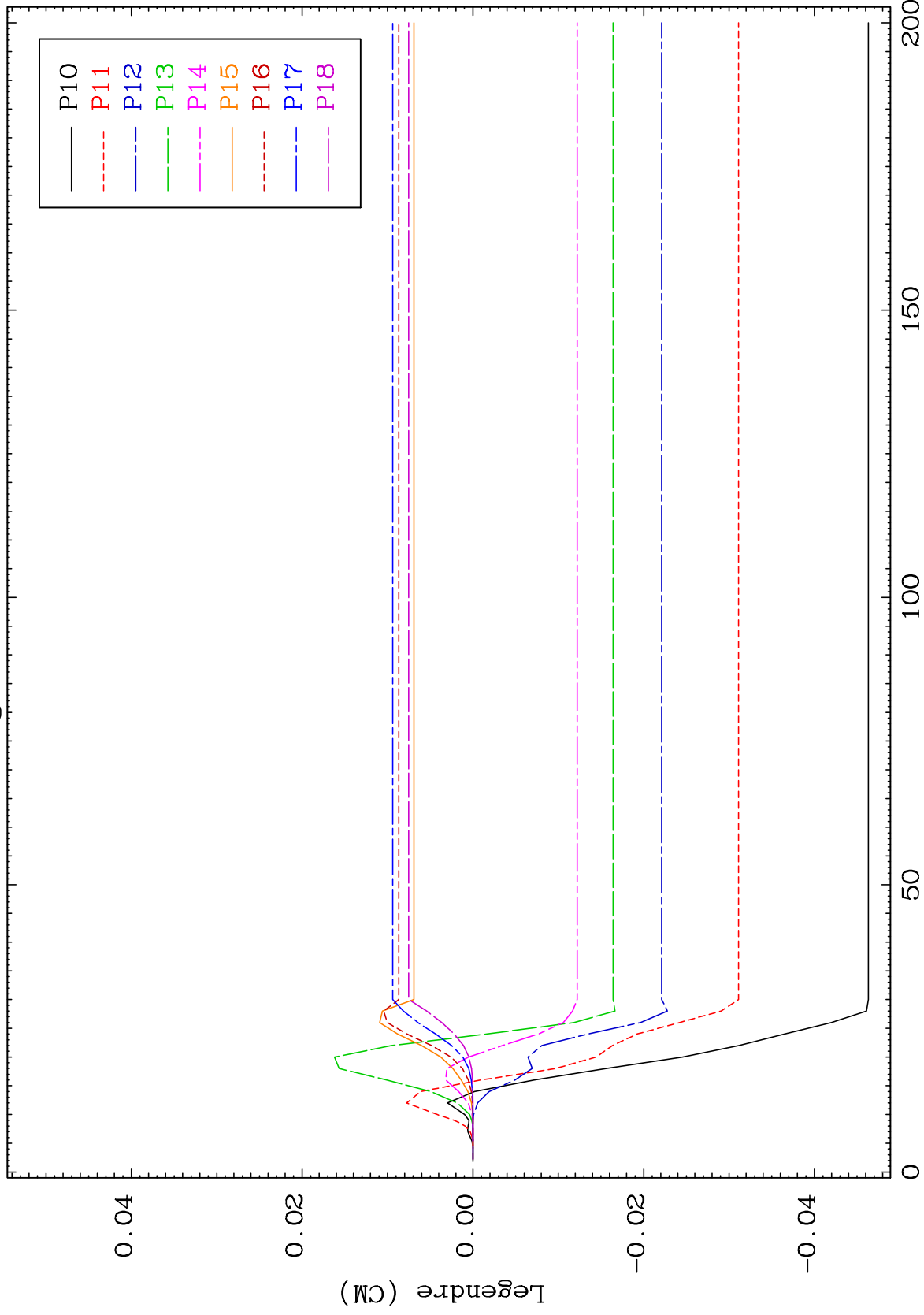
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



65

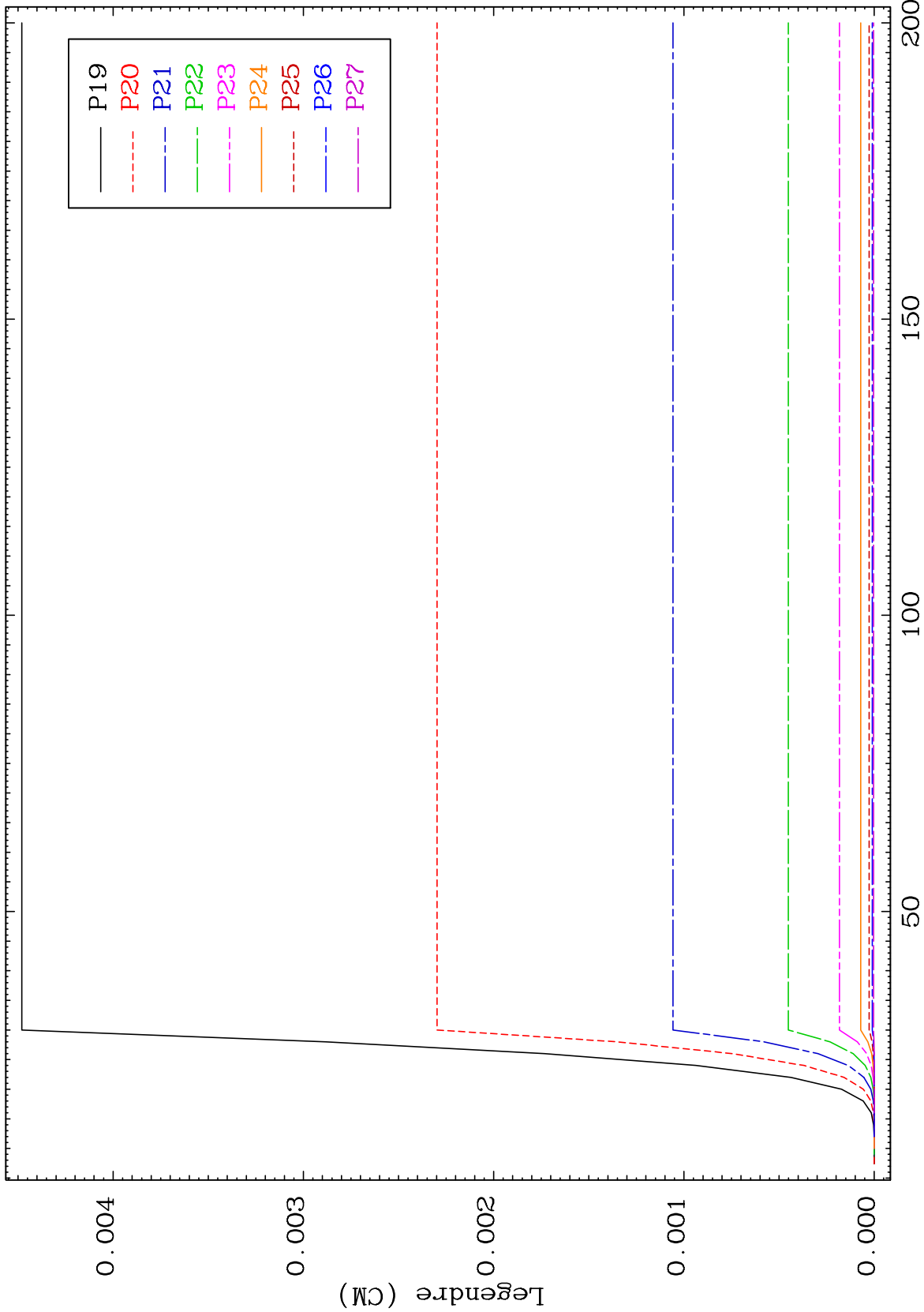
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



66

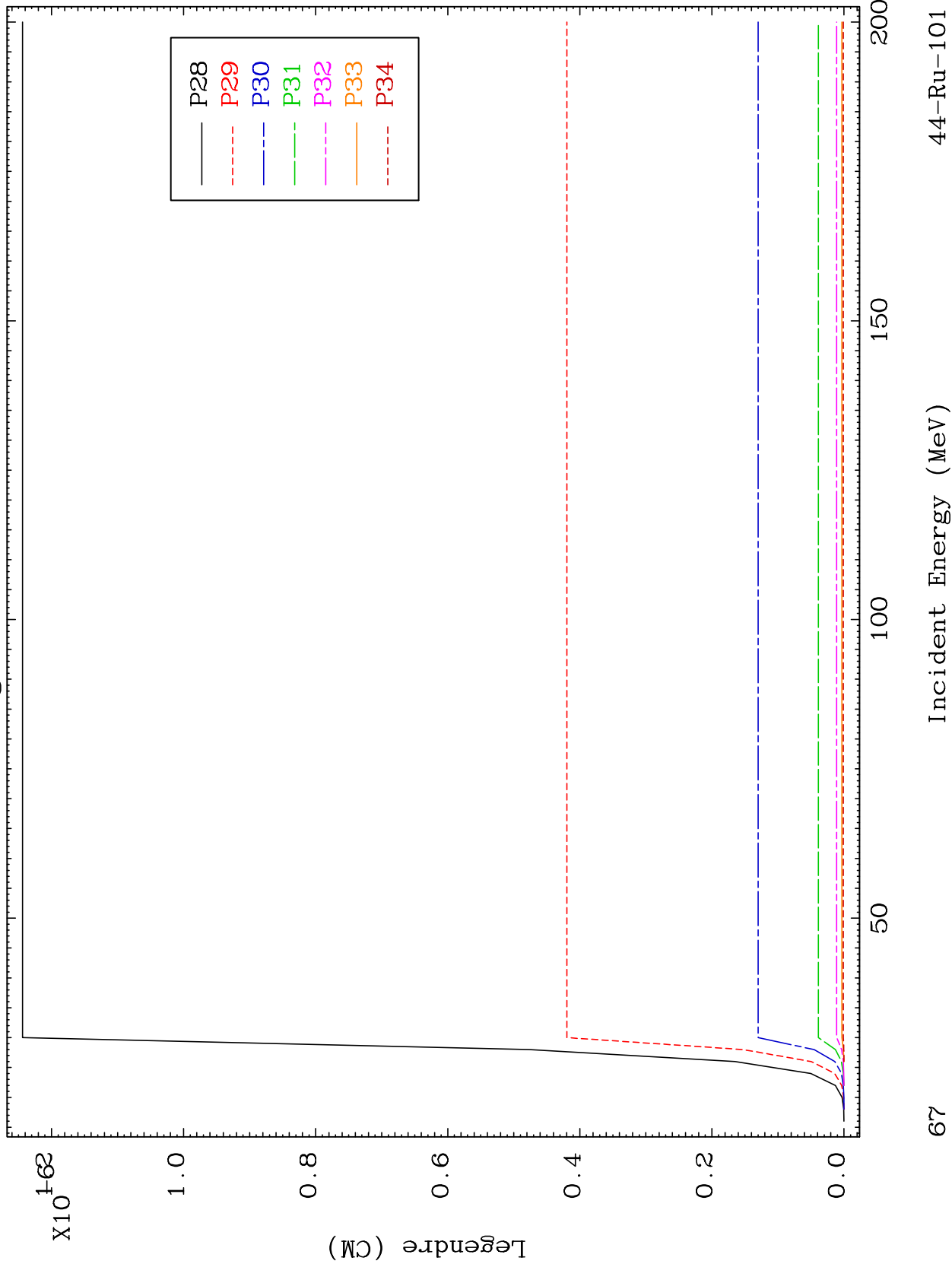
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

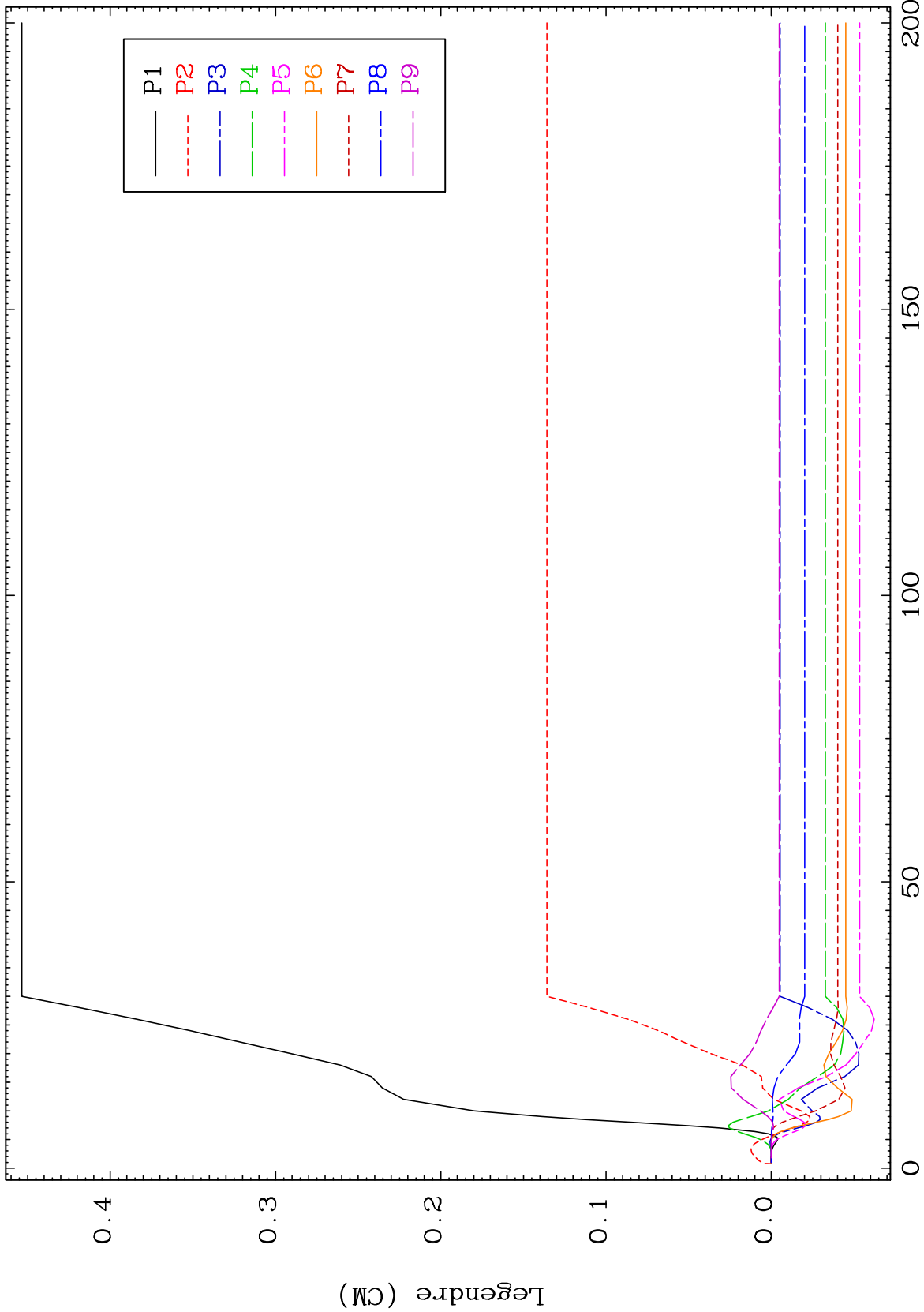
44-Ru-101



MAT 4440

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

44-Ru-101



68

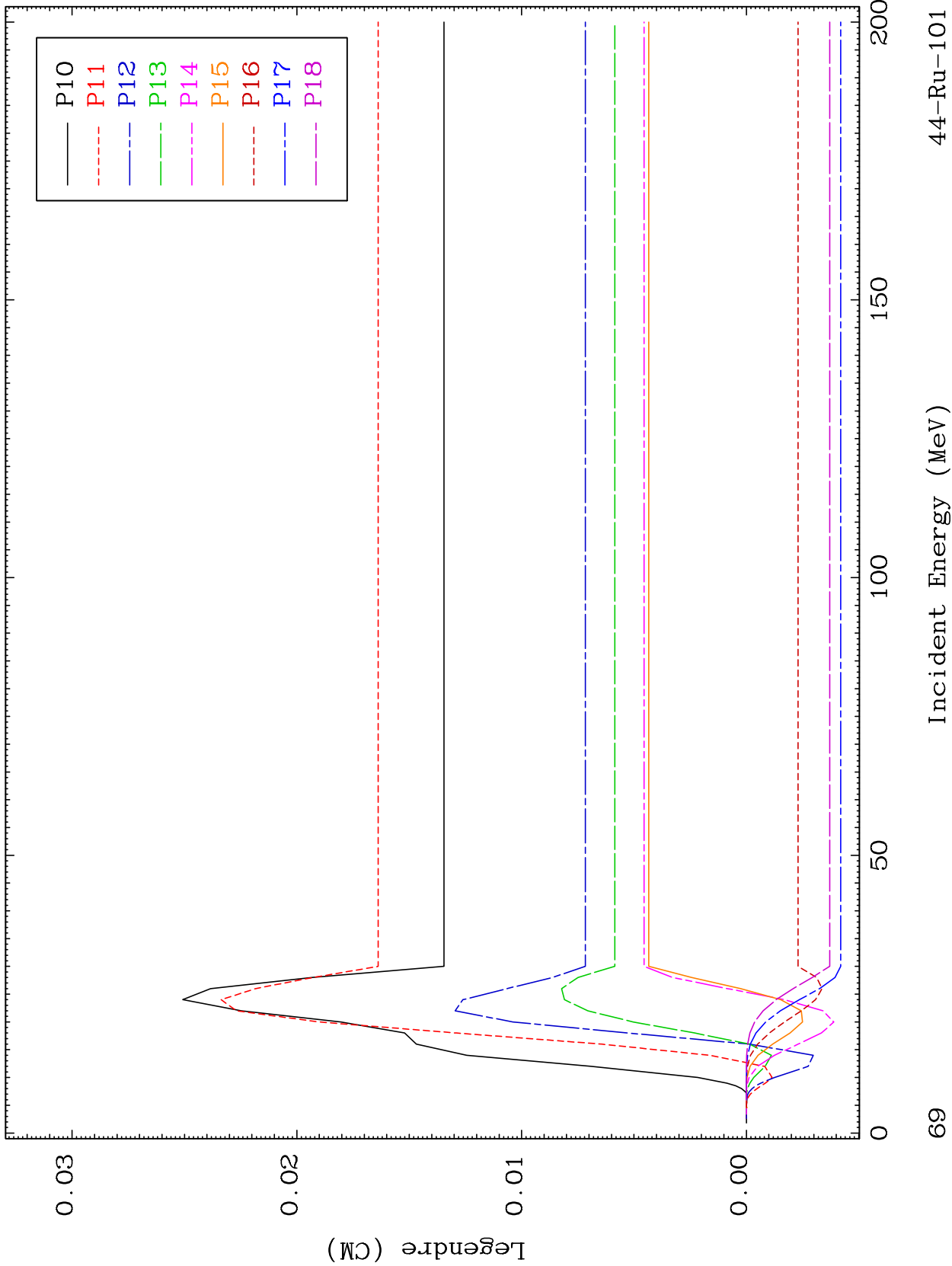
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

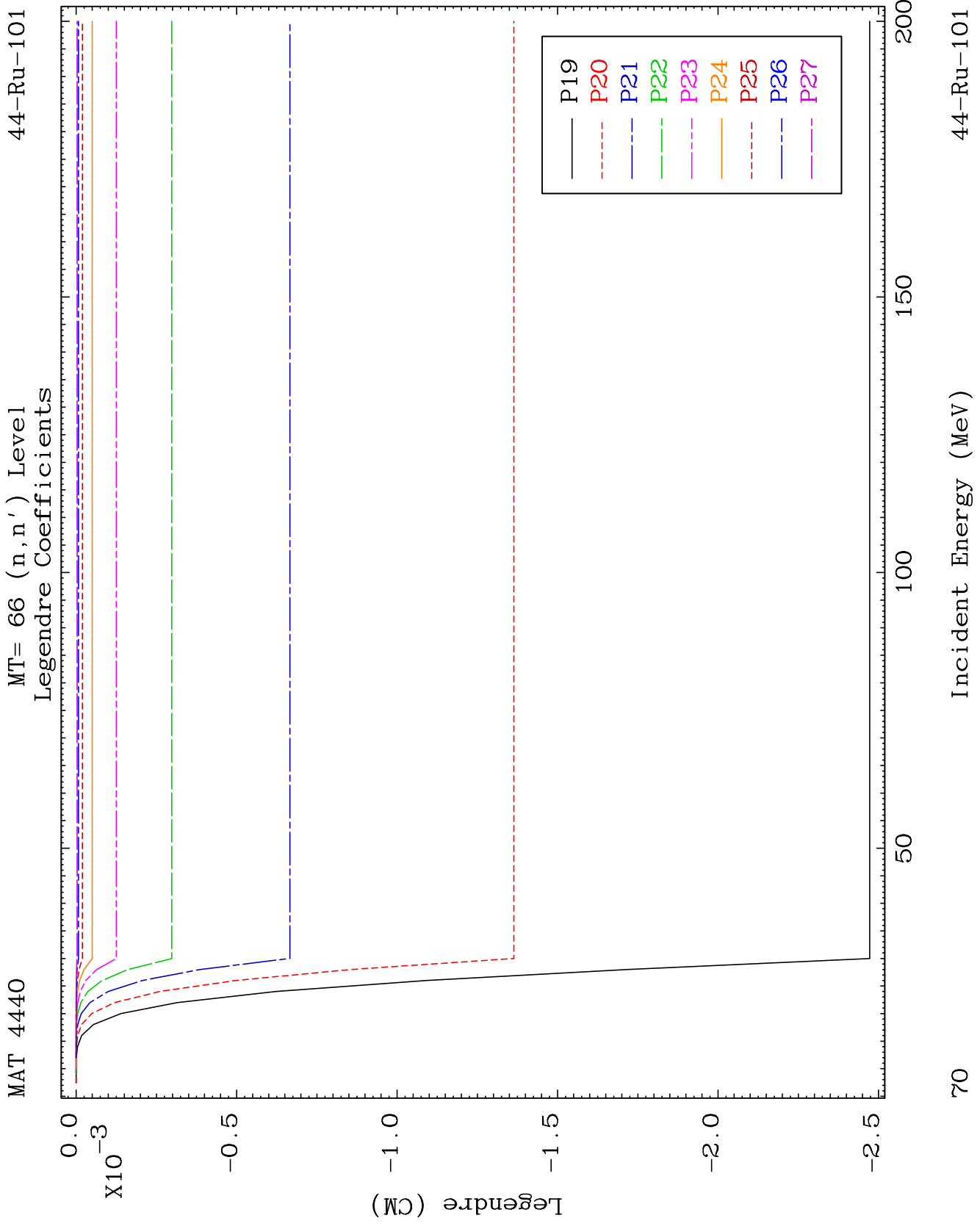
44-Ru-101

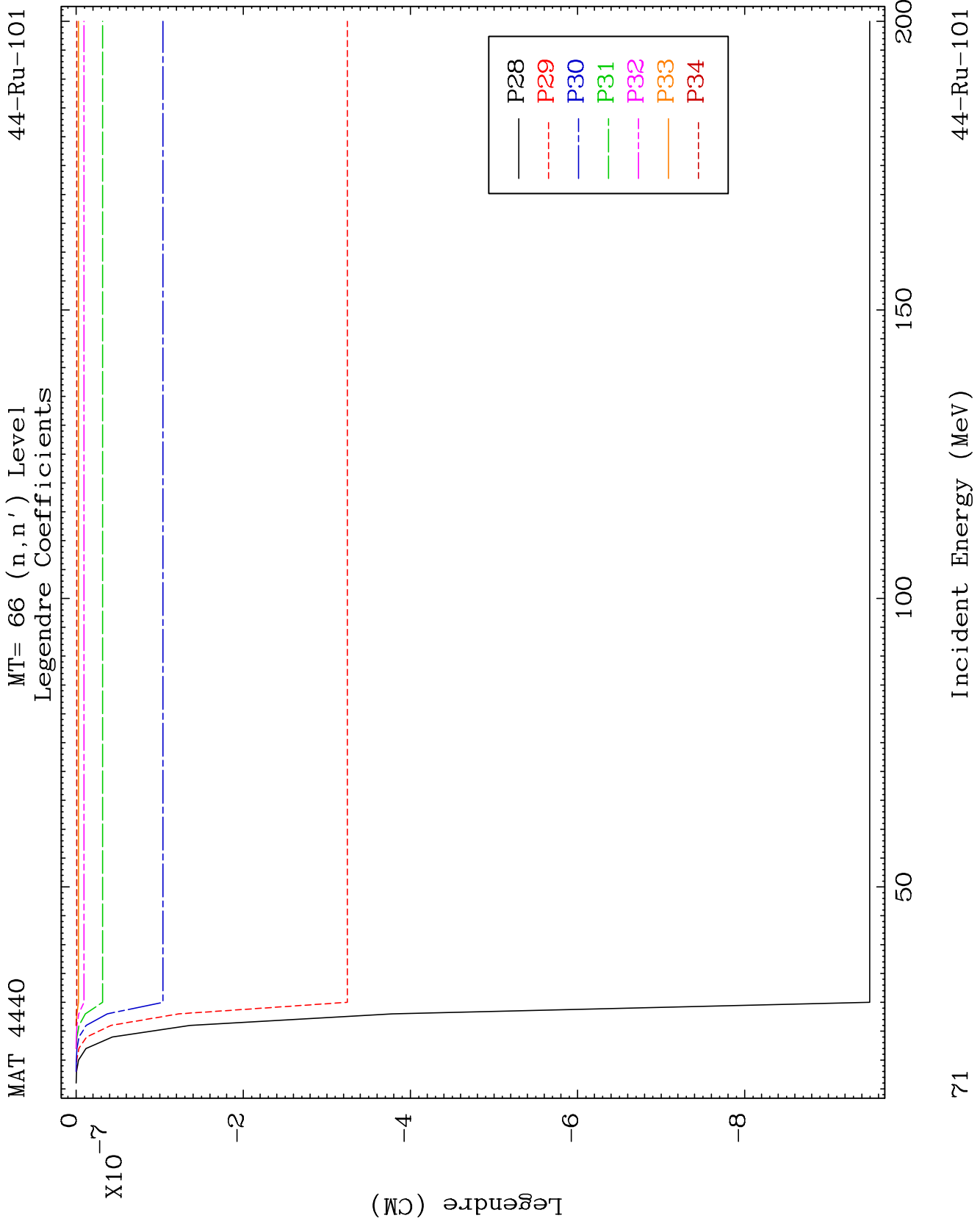


44-Ru-101

Incident Energy (MeV)

69

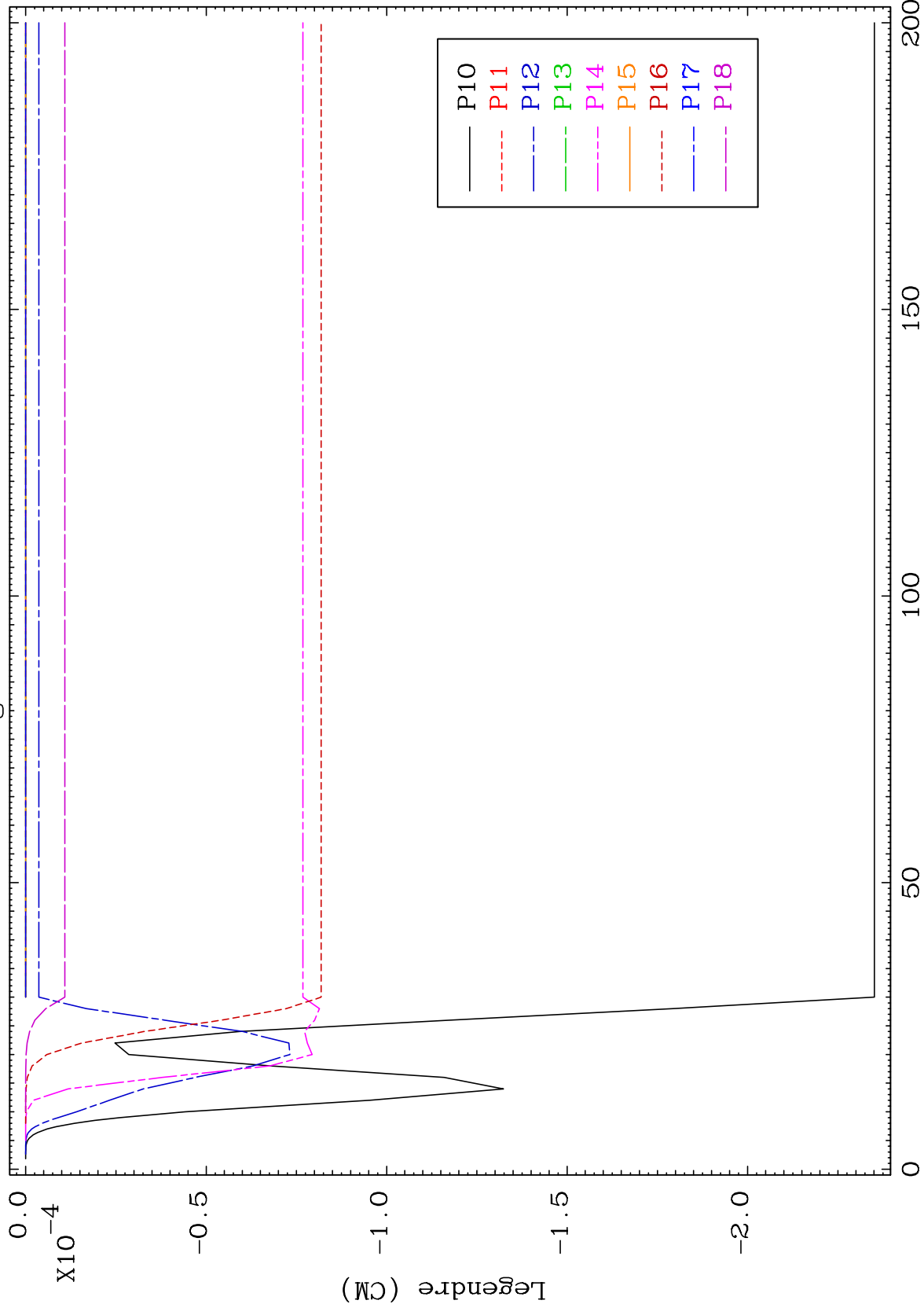




MAT 4440

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

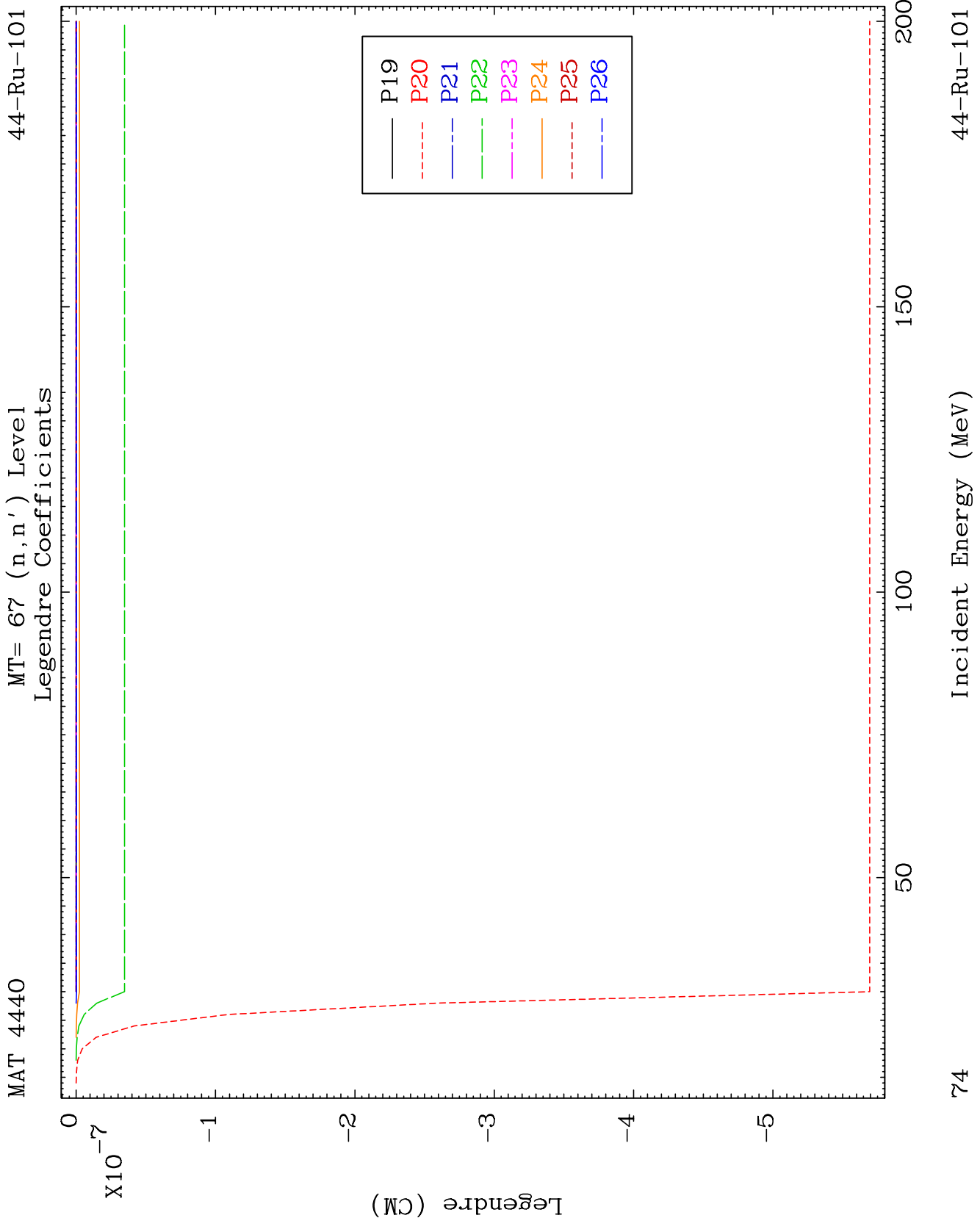
44-Ru-101

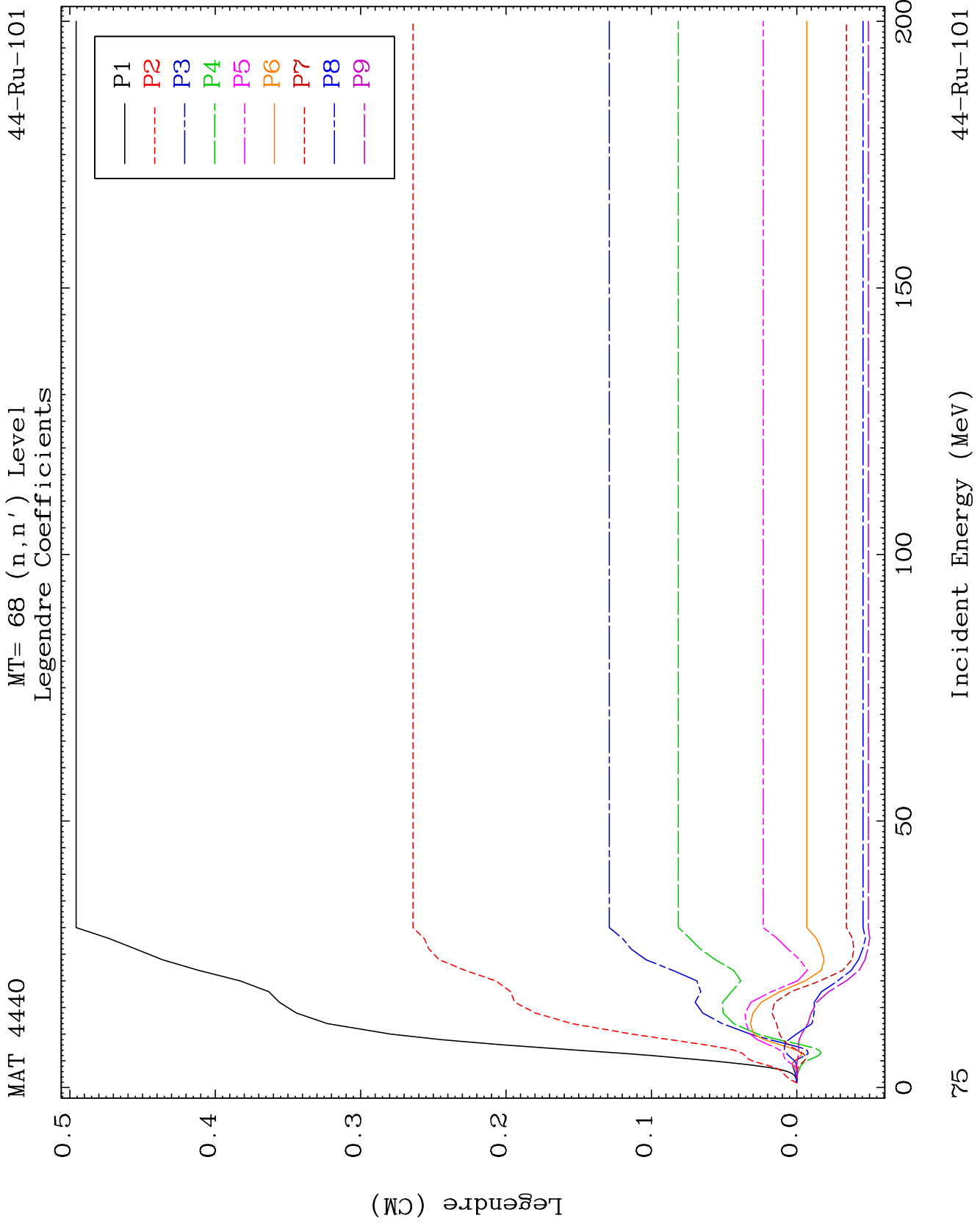


73

Incident Energy (MeV)

44-Ru-101

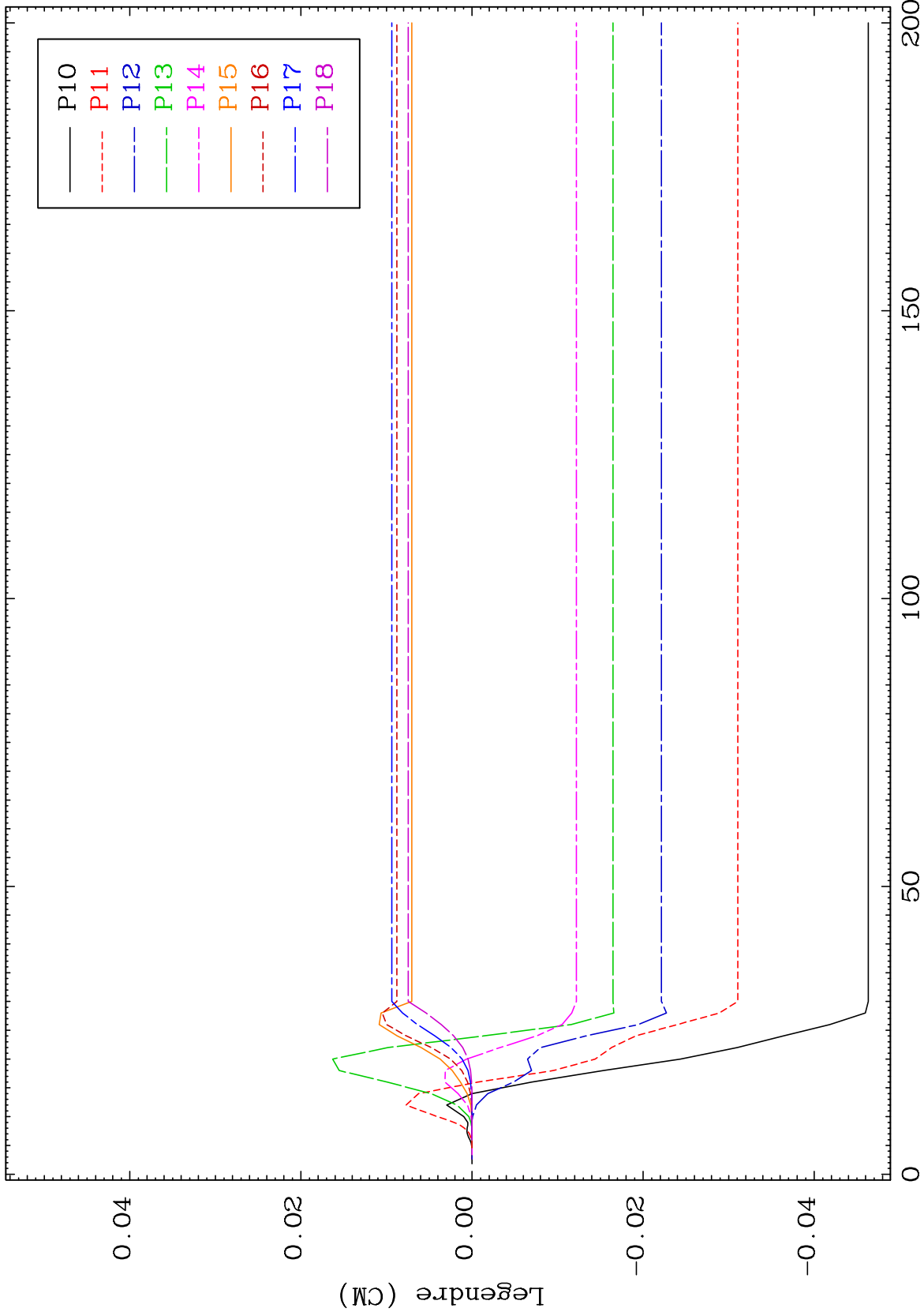




MAT 4440

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

44-Ru-101



76

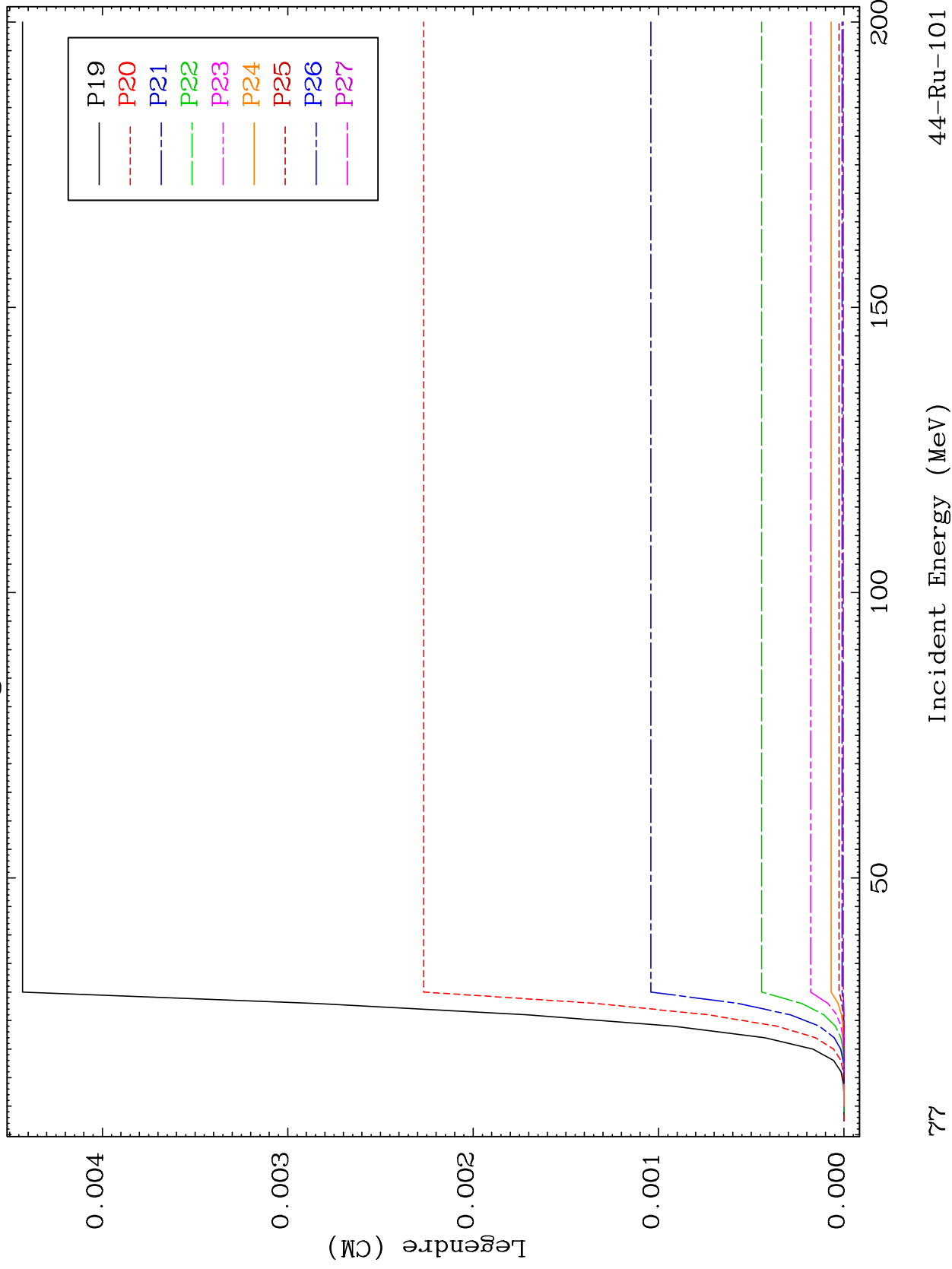
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



77

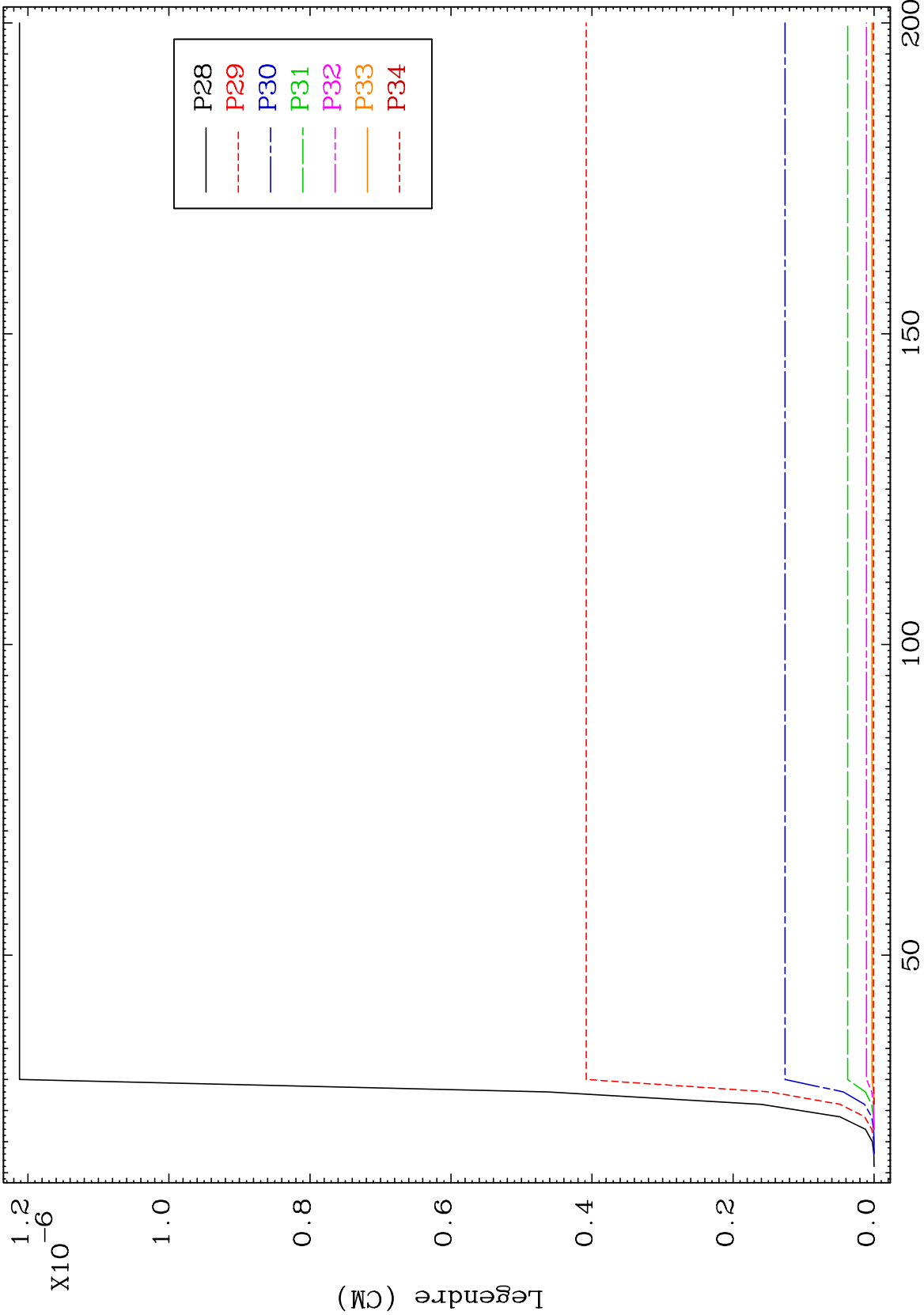
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

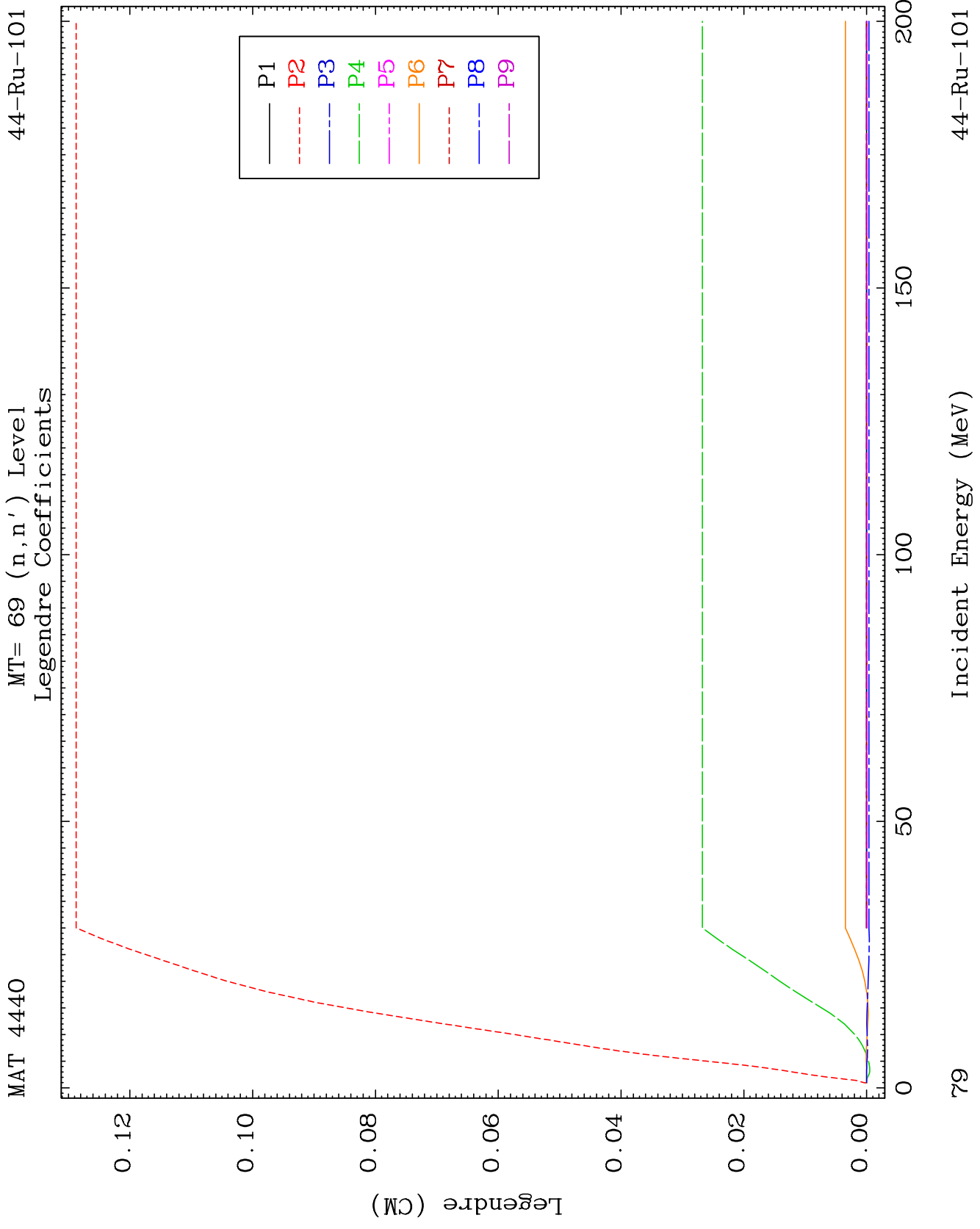
44-Ru-101



78

Incident Energy (MeV)

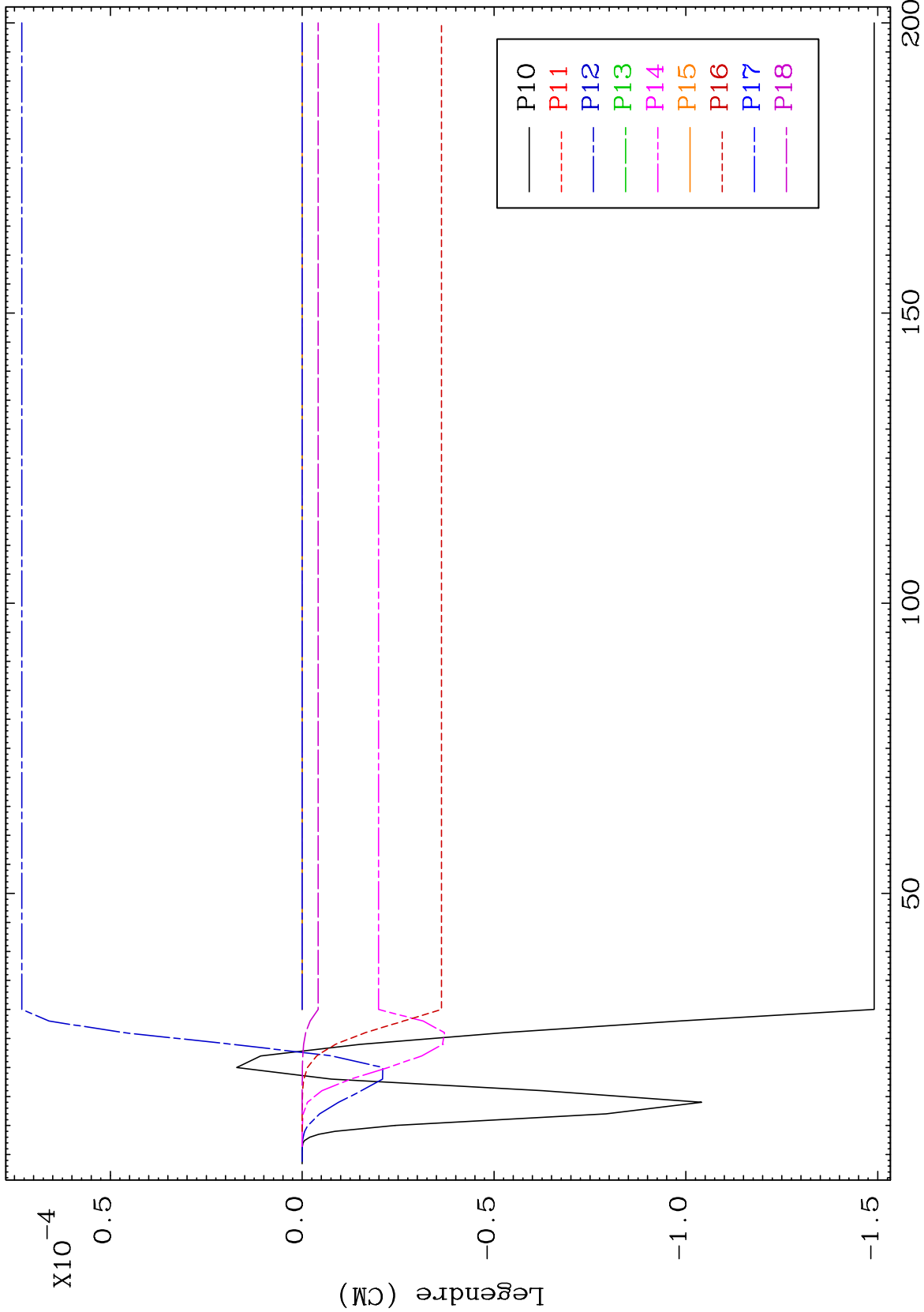
44-Ru-101



MAT 4440

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

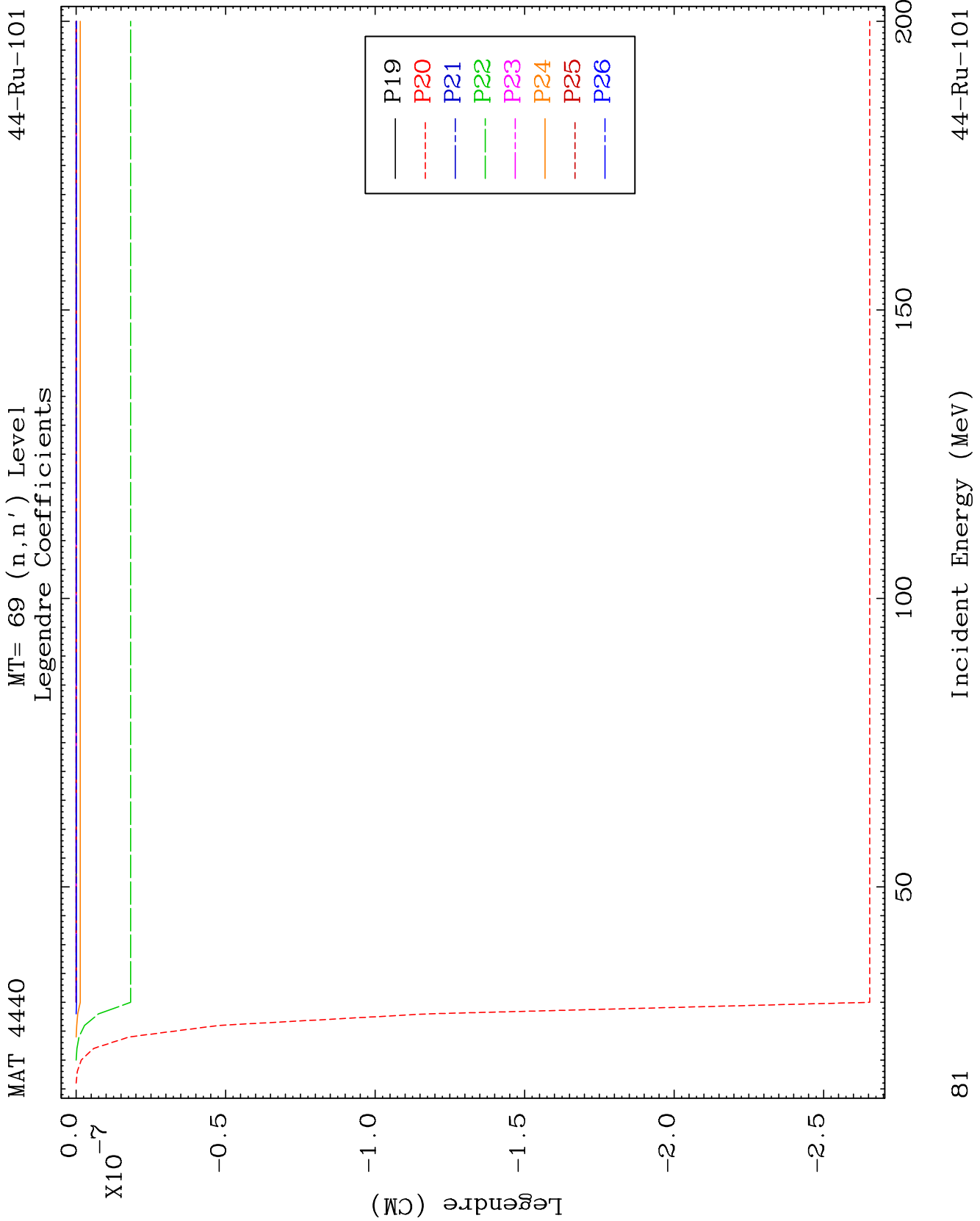
44-Ru-101

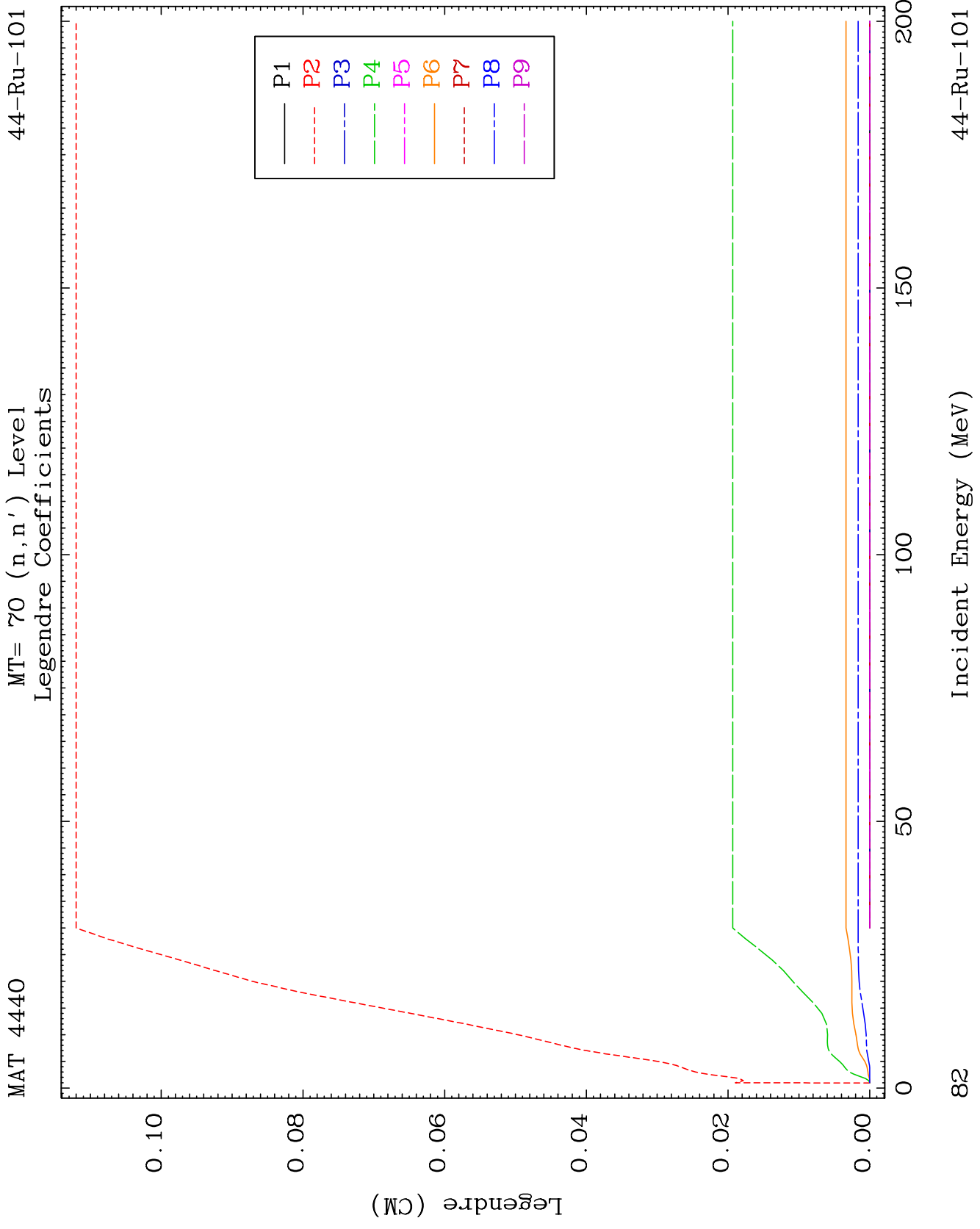


80

Incident Energy (MeV)

44-Ru-101

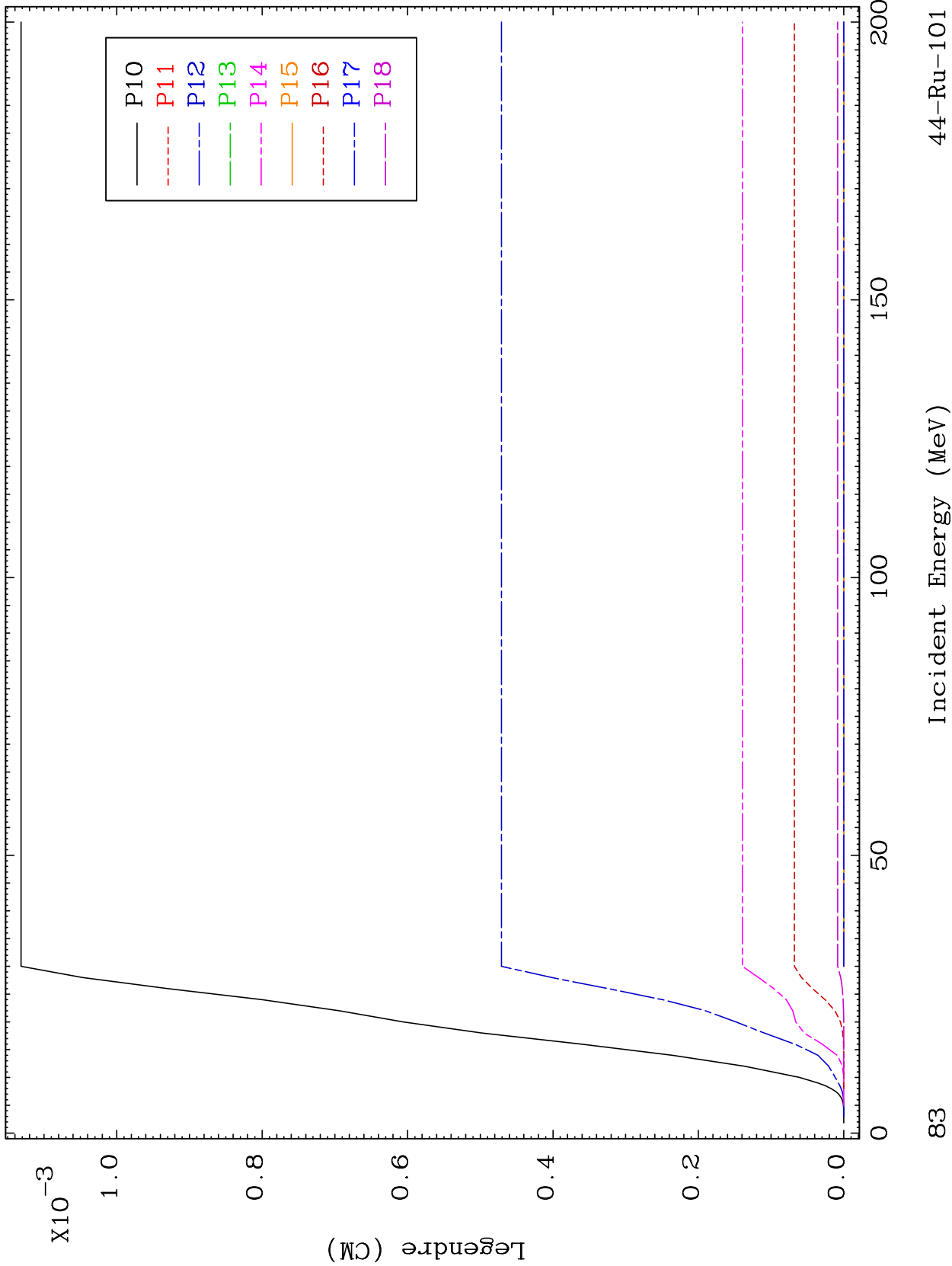




MAT 4440

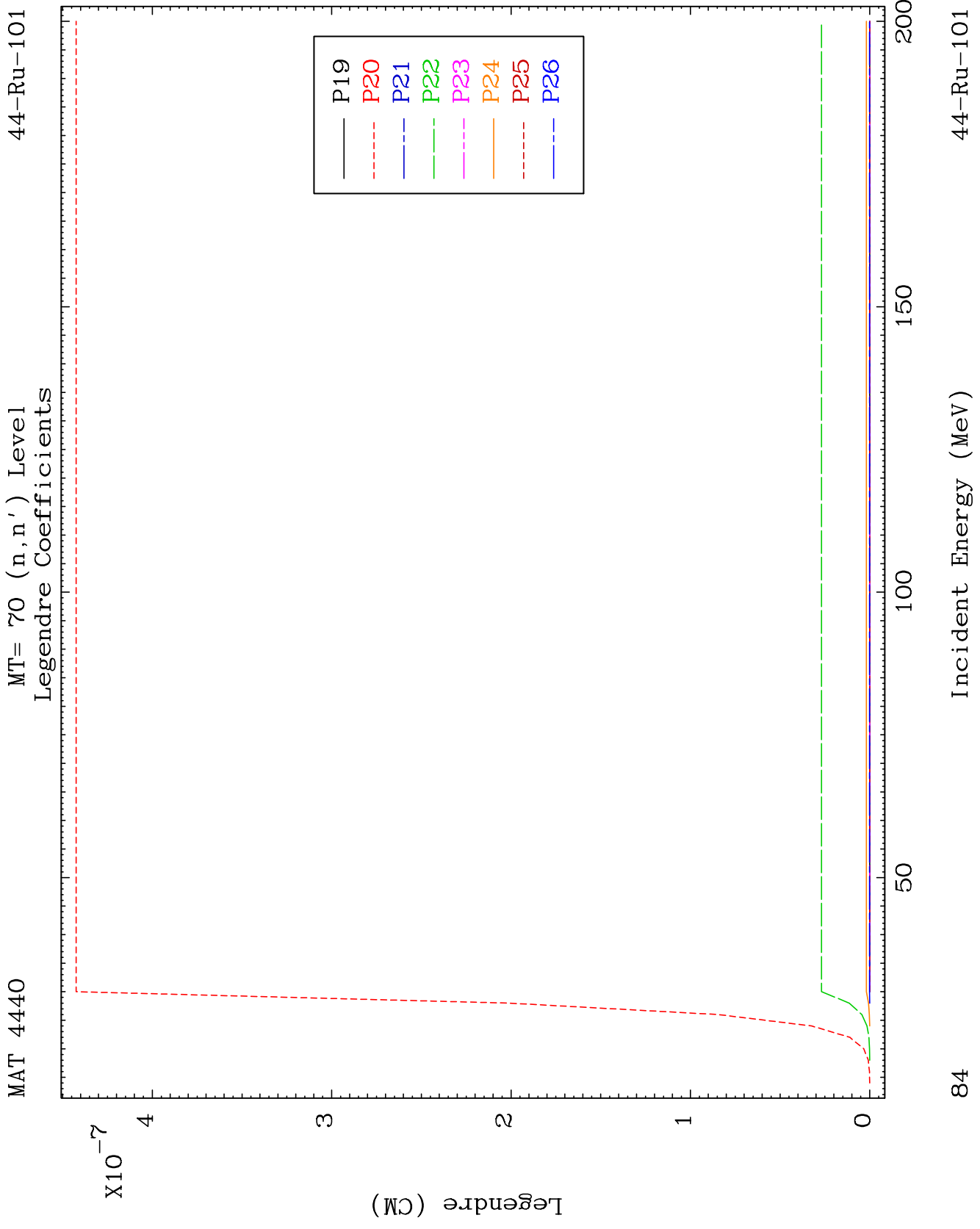
MT= 70 (n,n') Level
Legendre Coefficients

44-Ru-101



83

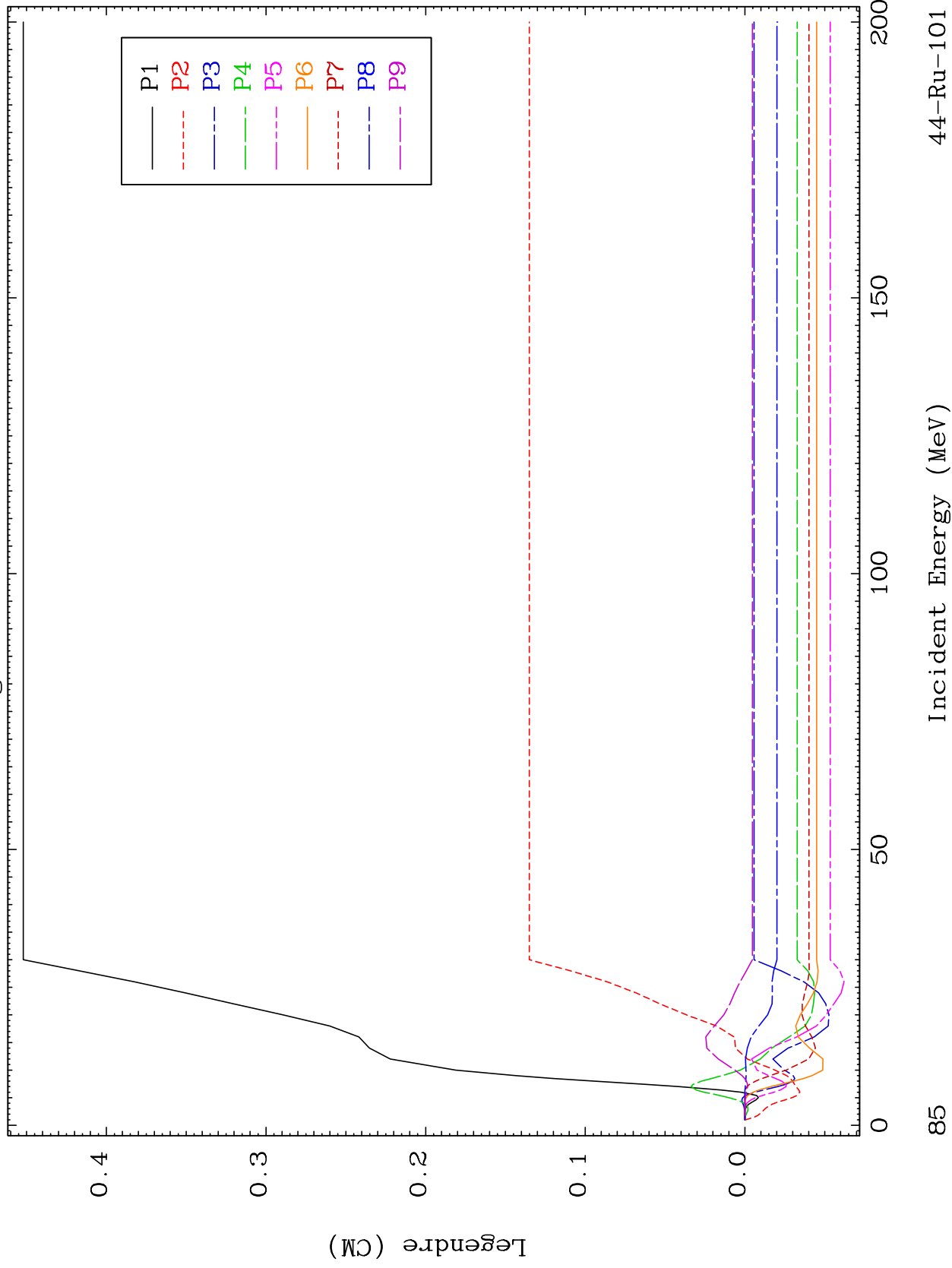
44-Ru-101



MAT 4440

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

44-Ru-101



85

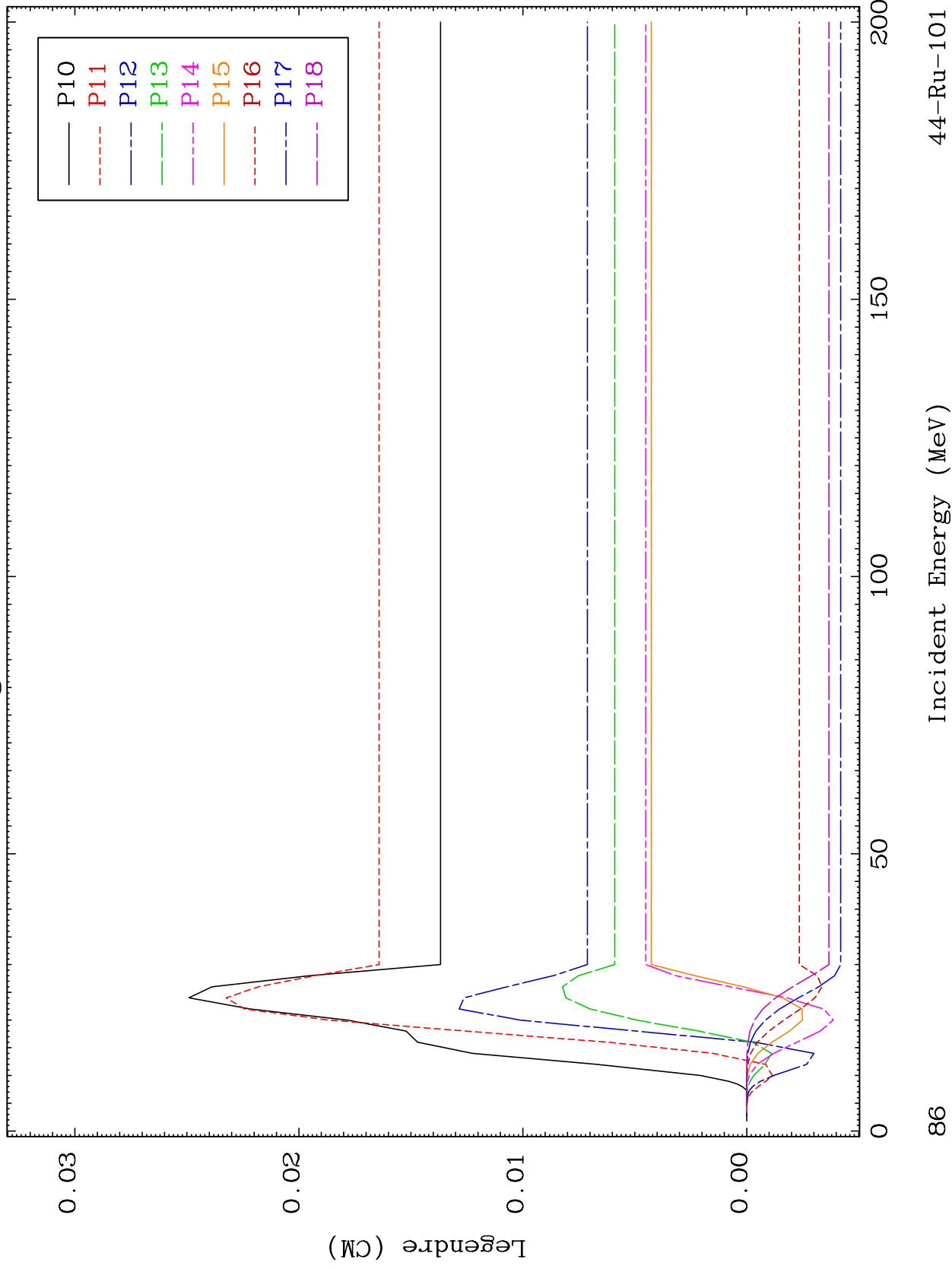
Incident Energy (MeV)

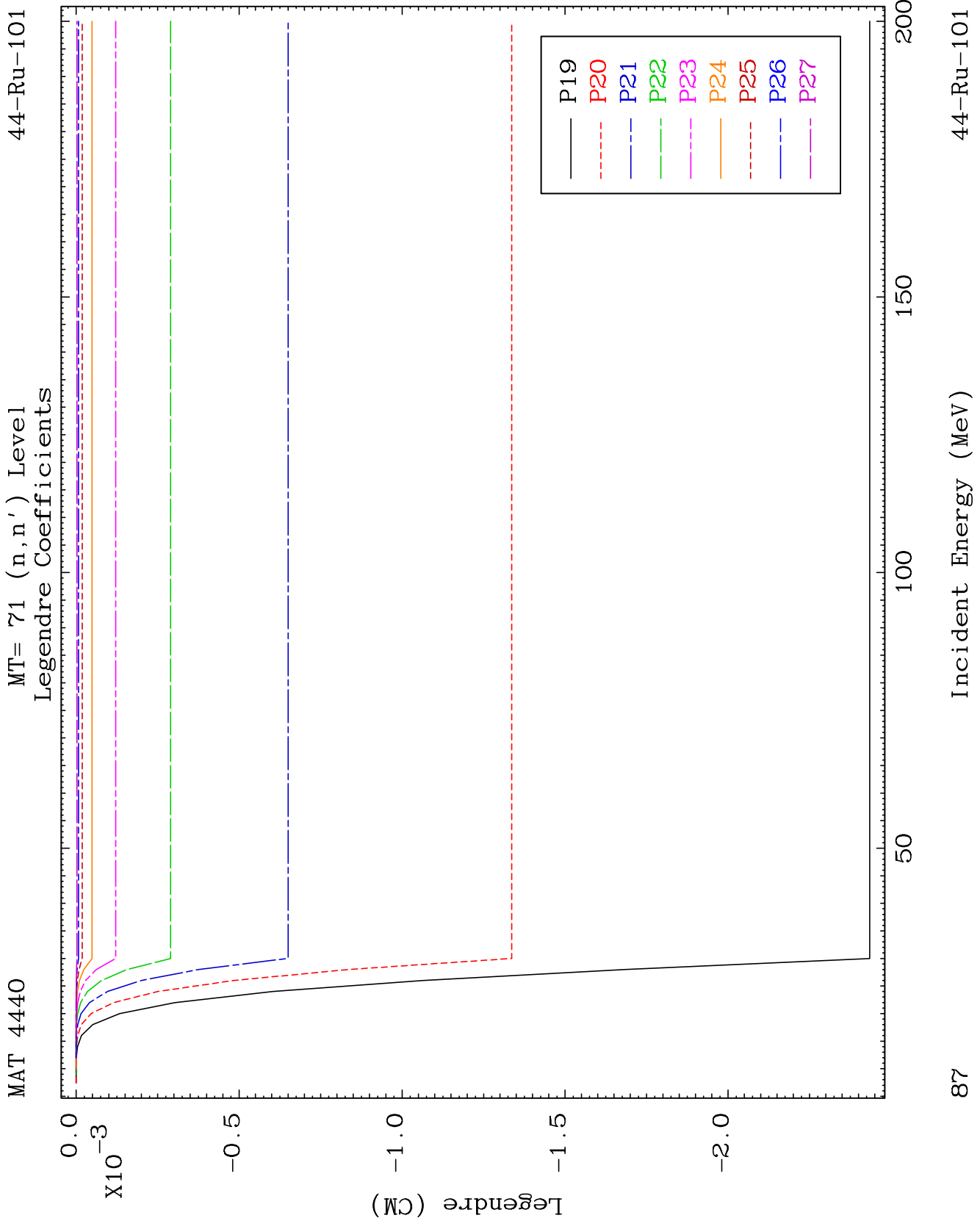
44-Ru-101

MAT 4440

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

44-Ru-101

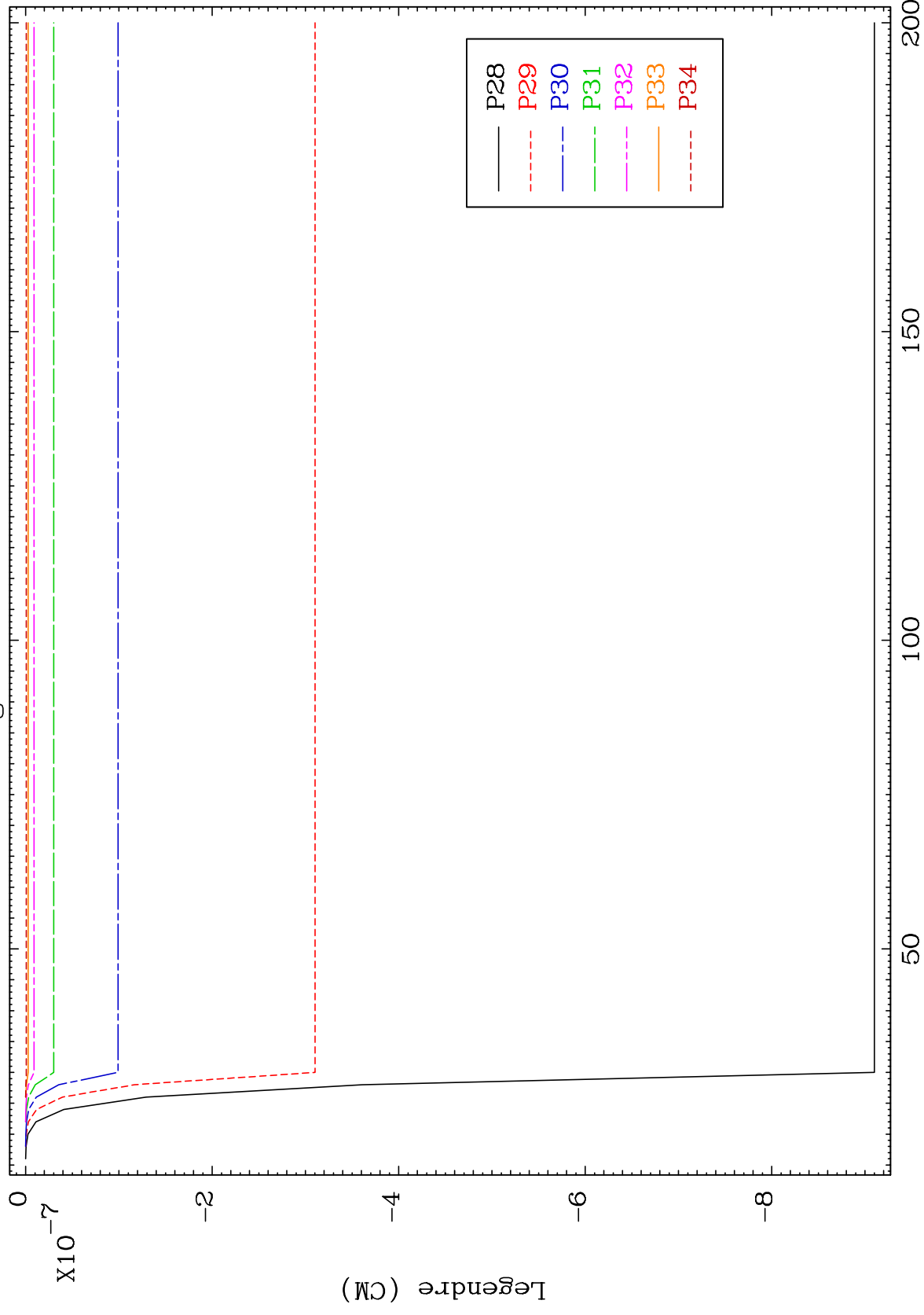




MAT 4440

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

44-Ru-101



88

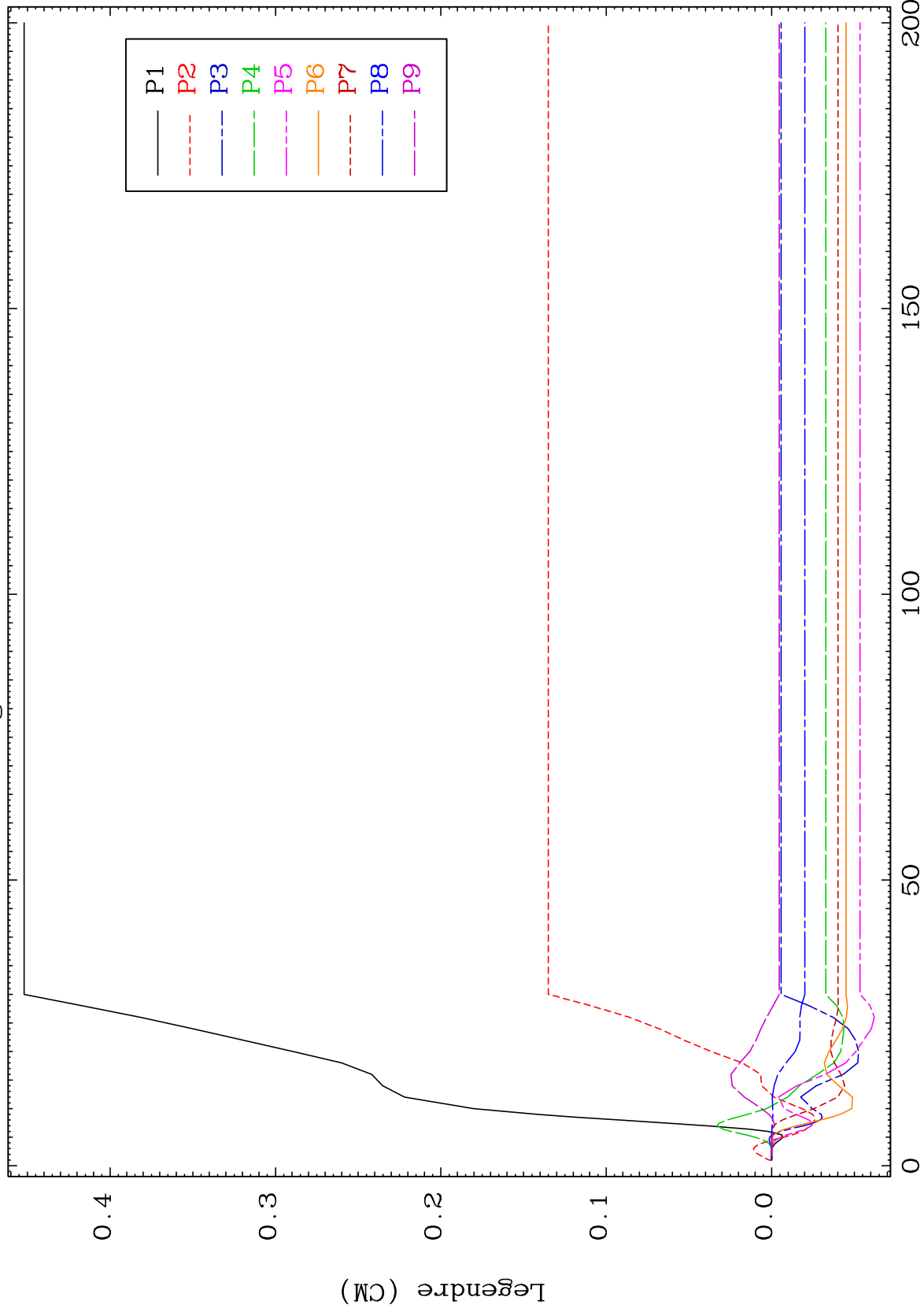
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



89

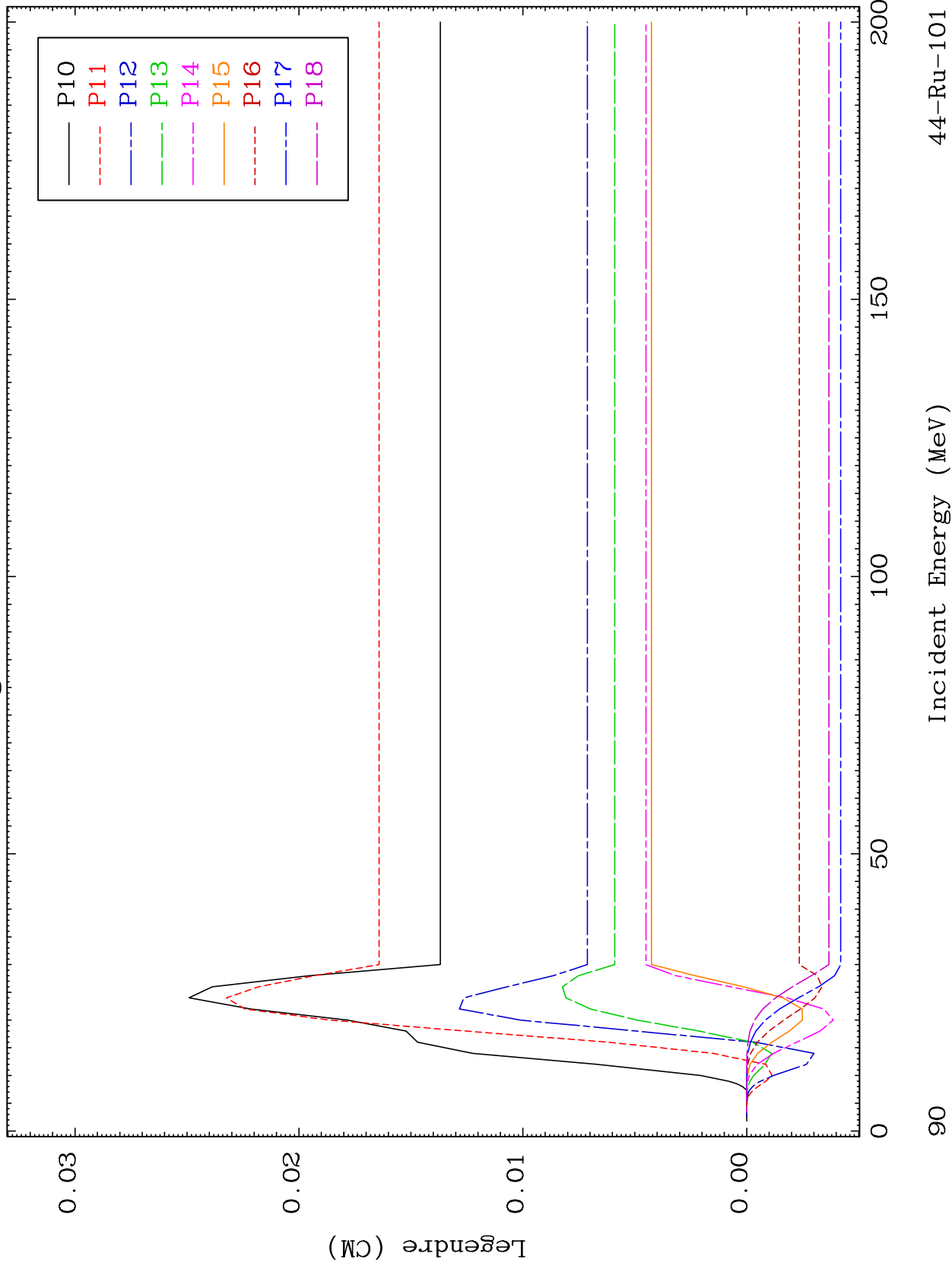
Incident Energy (MeV)

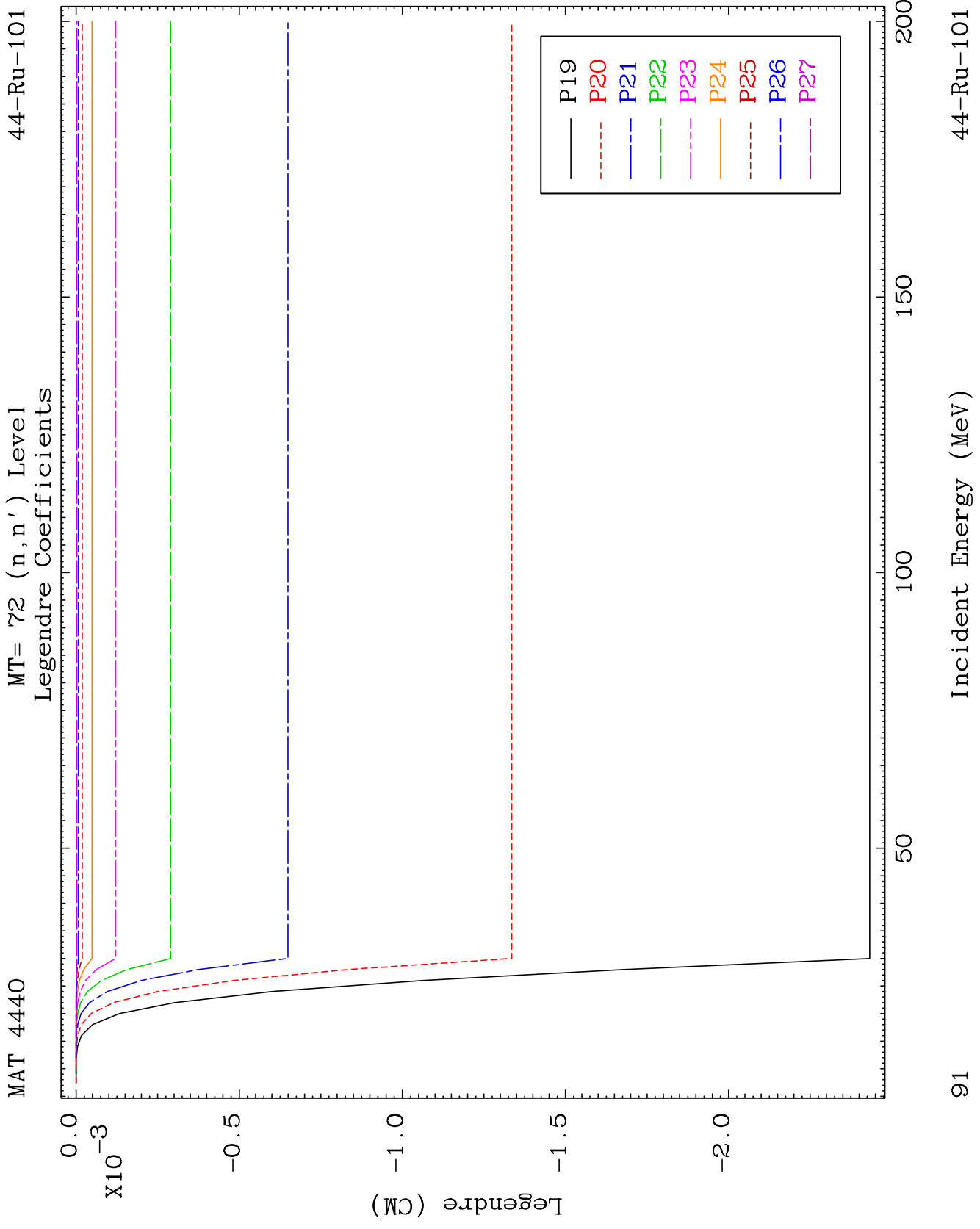
44-Ru-101

MAT 4440

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

44-Ru-101

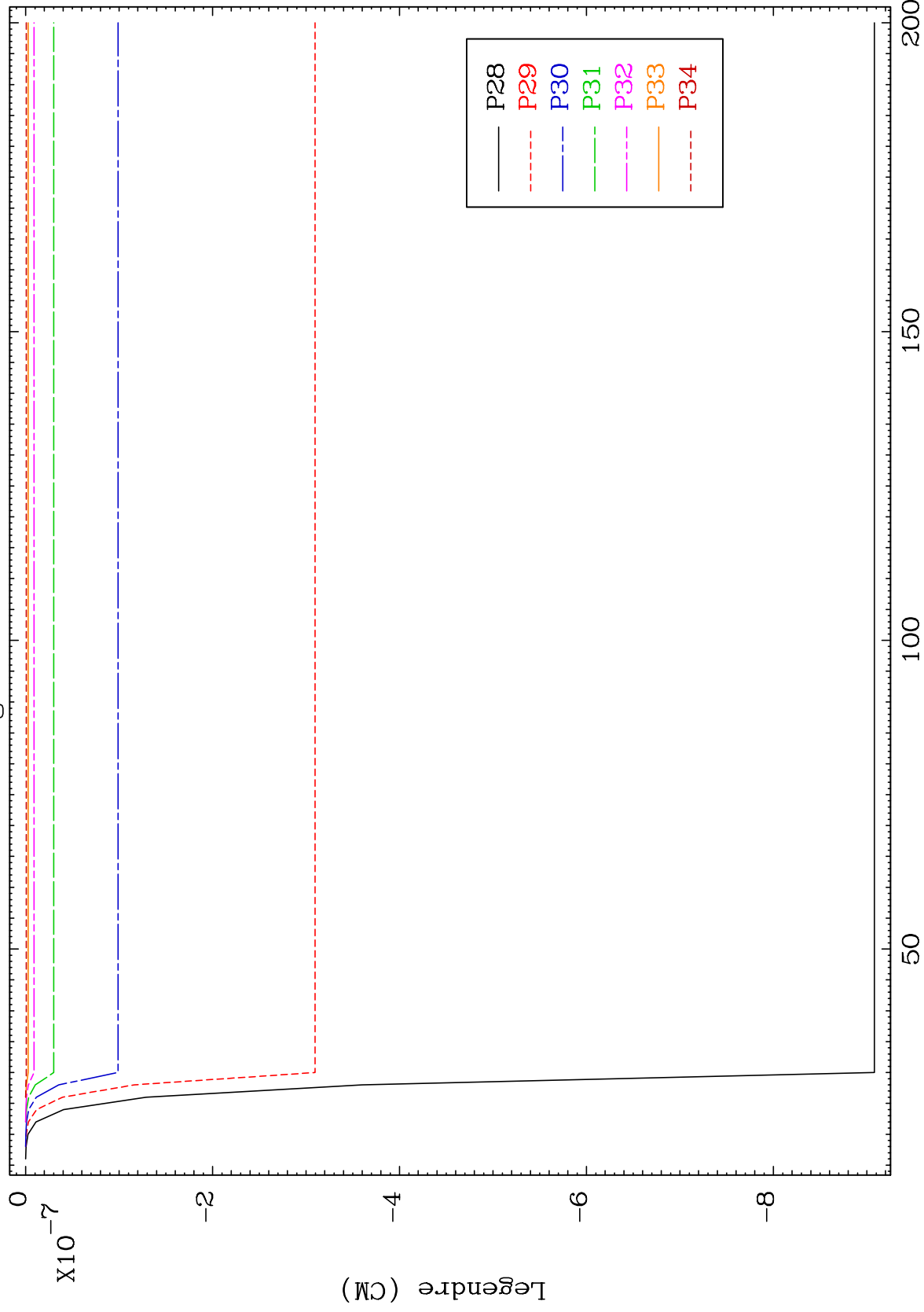




MAT 4440

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

44-Ru-101



92

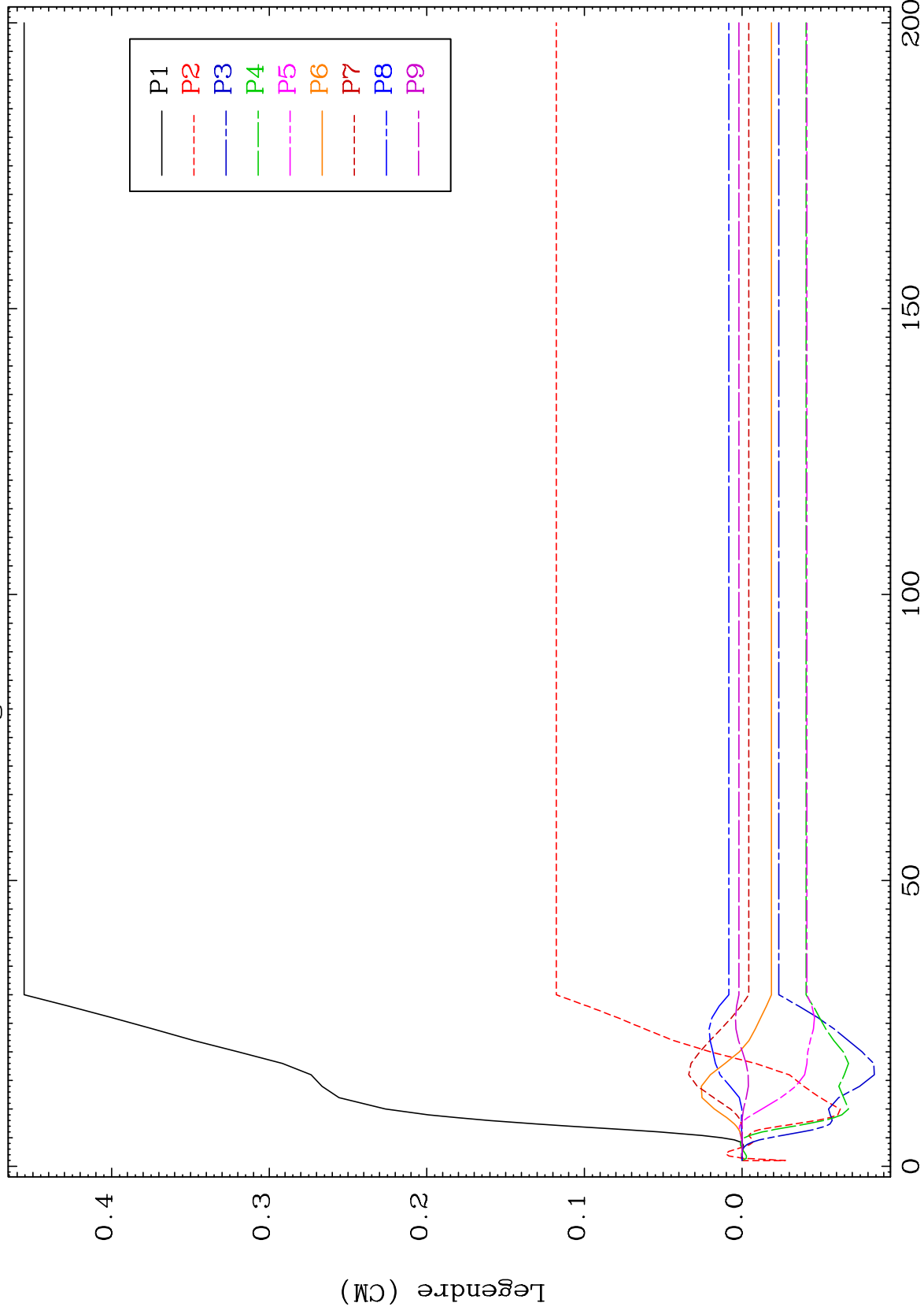
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



93

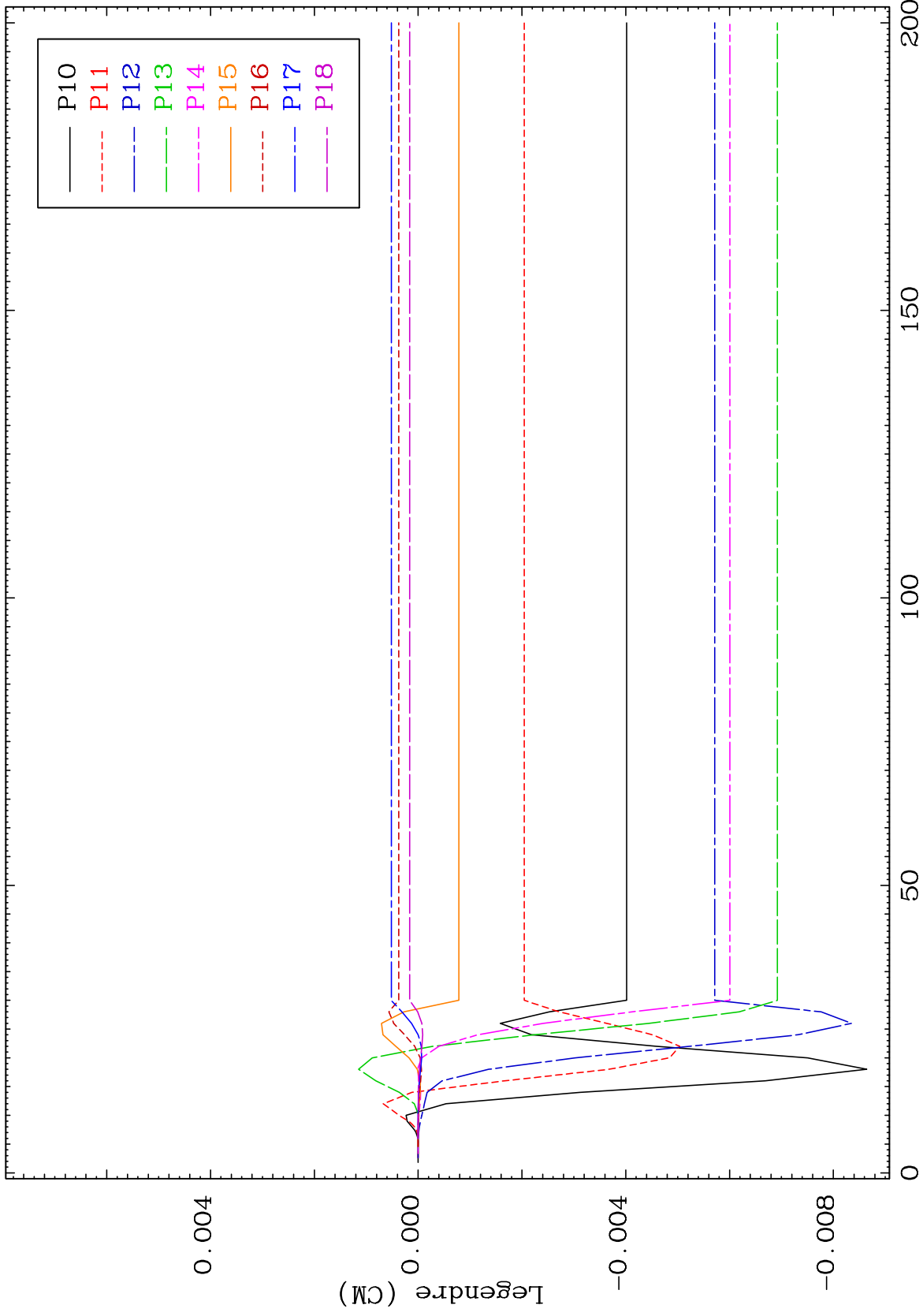
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



94

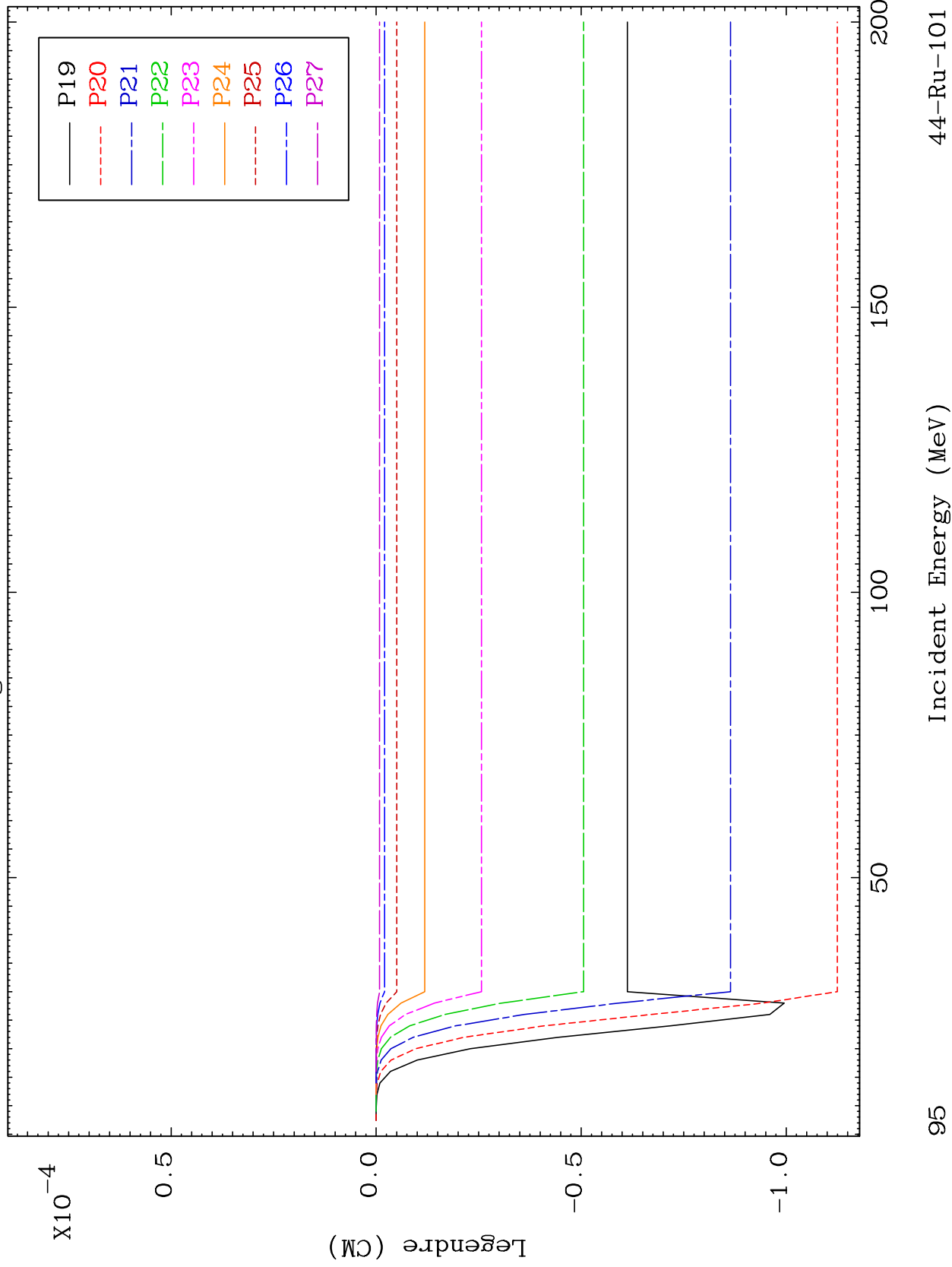
Incident Energy (MeV)

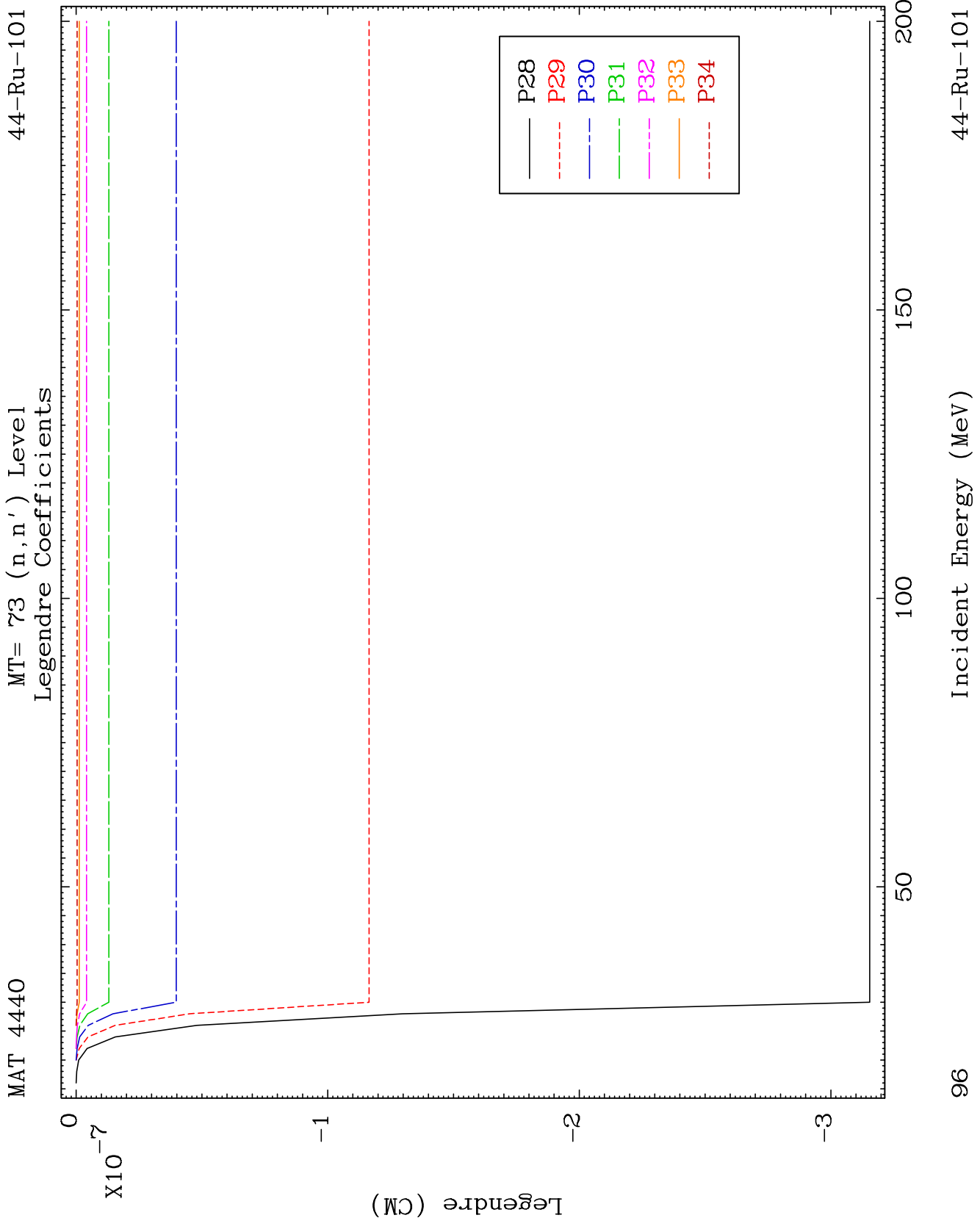
44-Ru-101

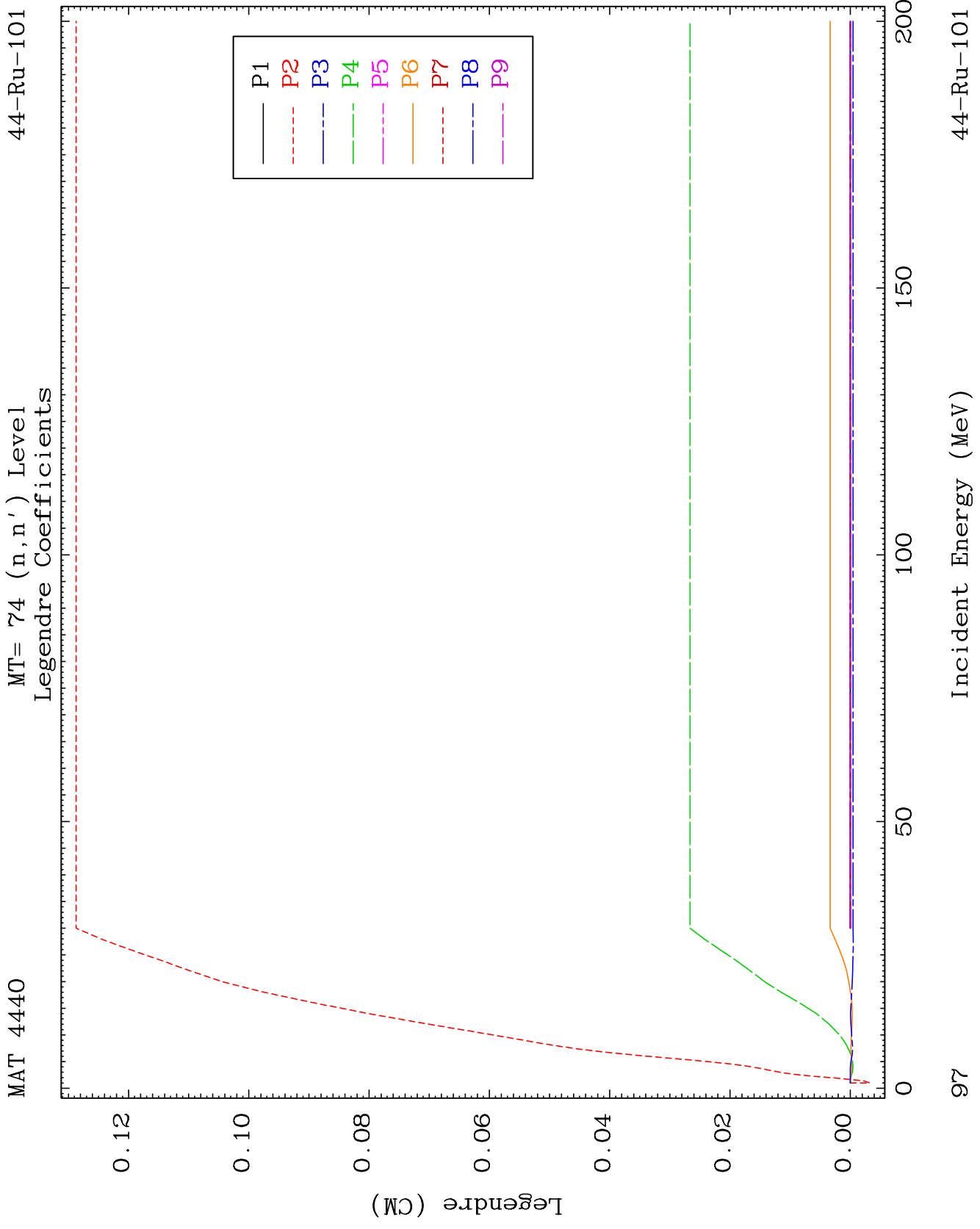
MAT 4440

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

44-Ru-101



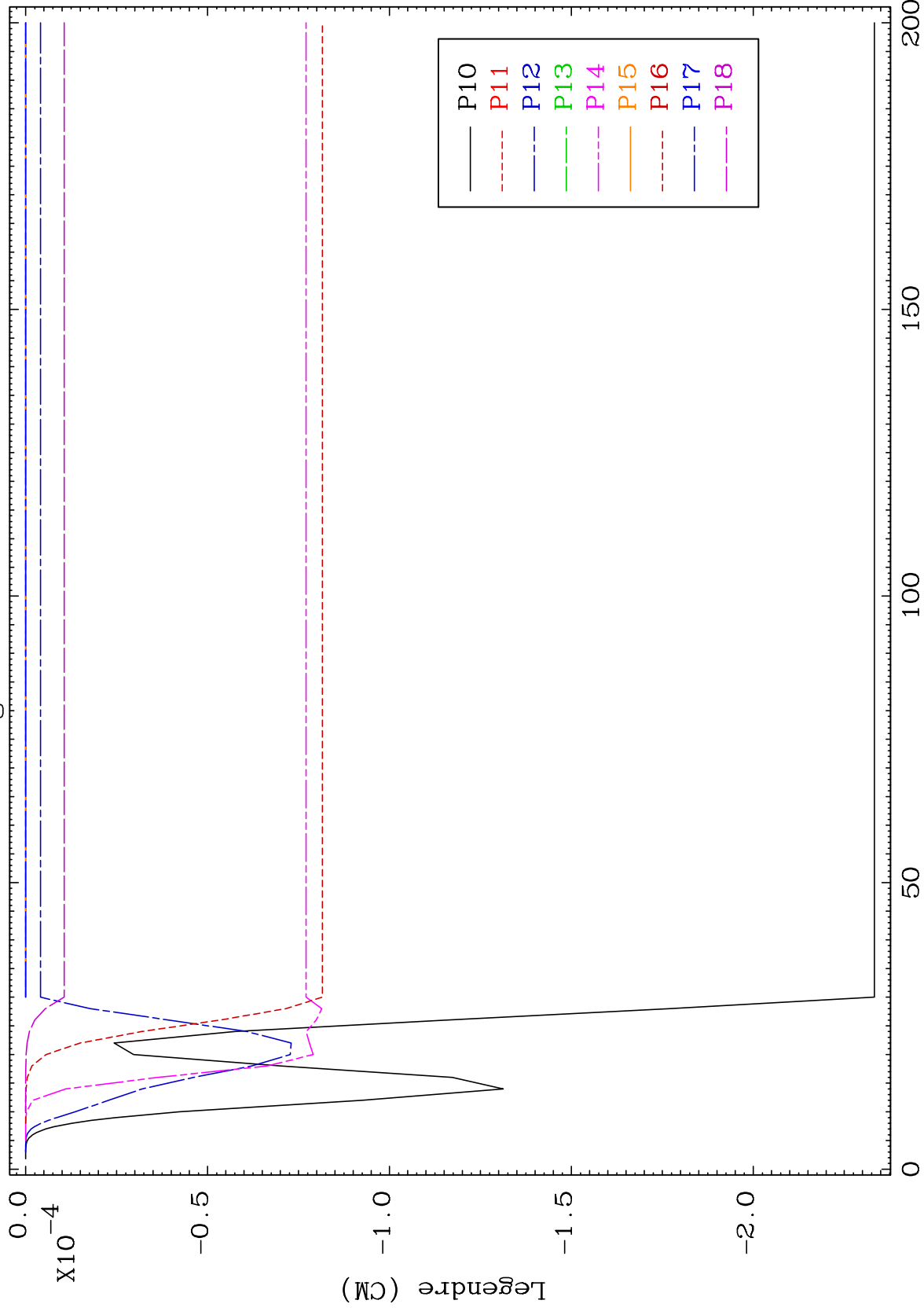




MAT 4440

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

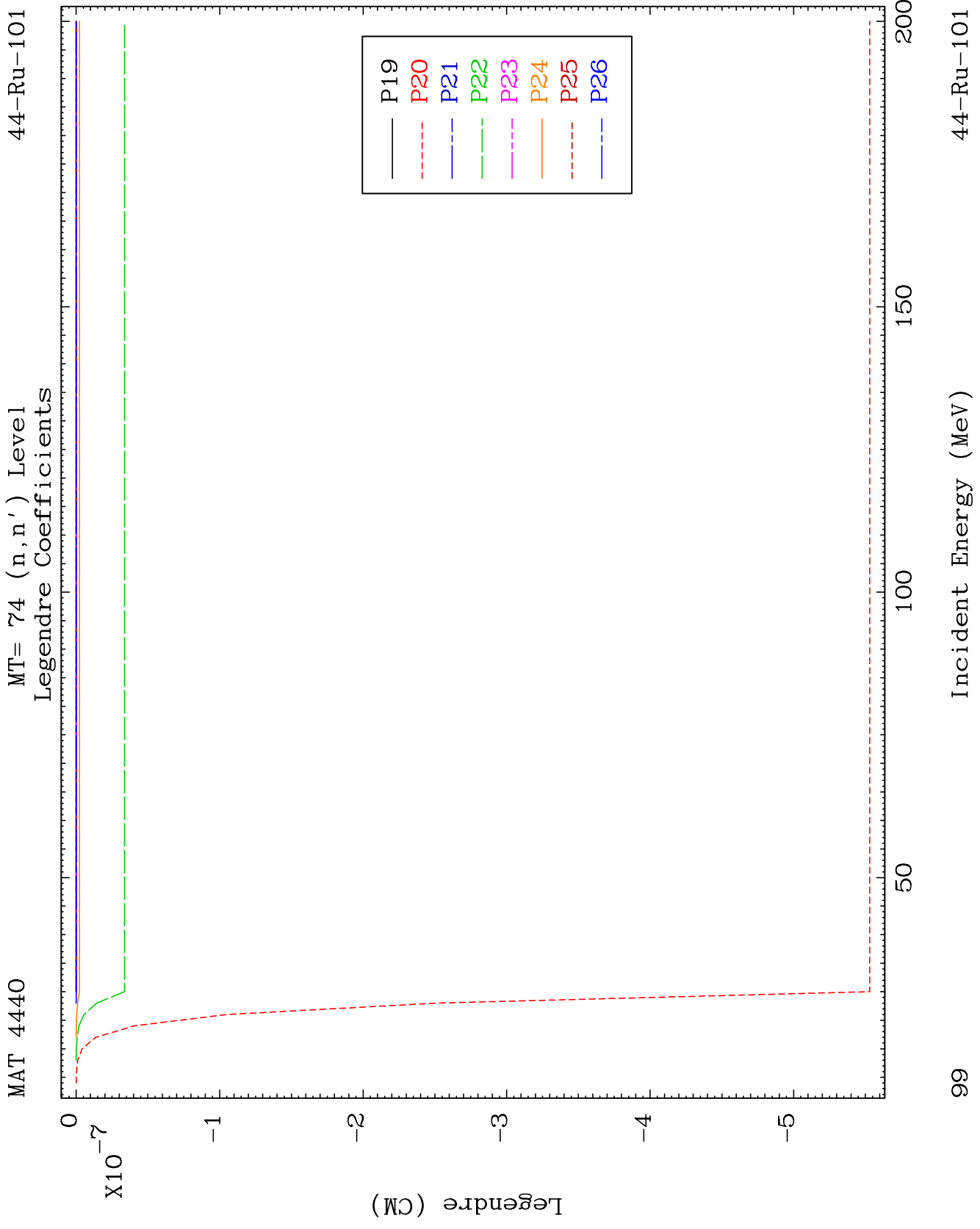
44-Ru-101



98

Incident Energy (MeV)

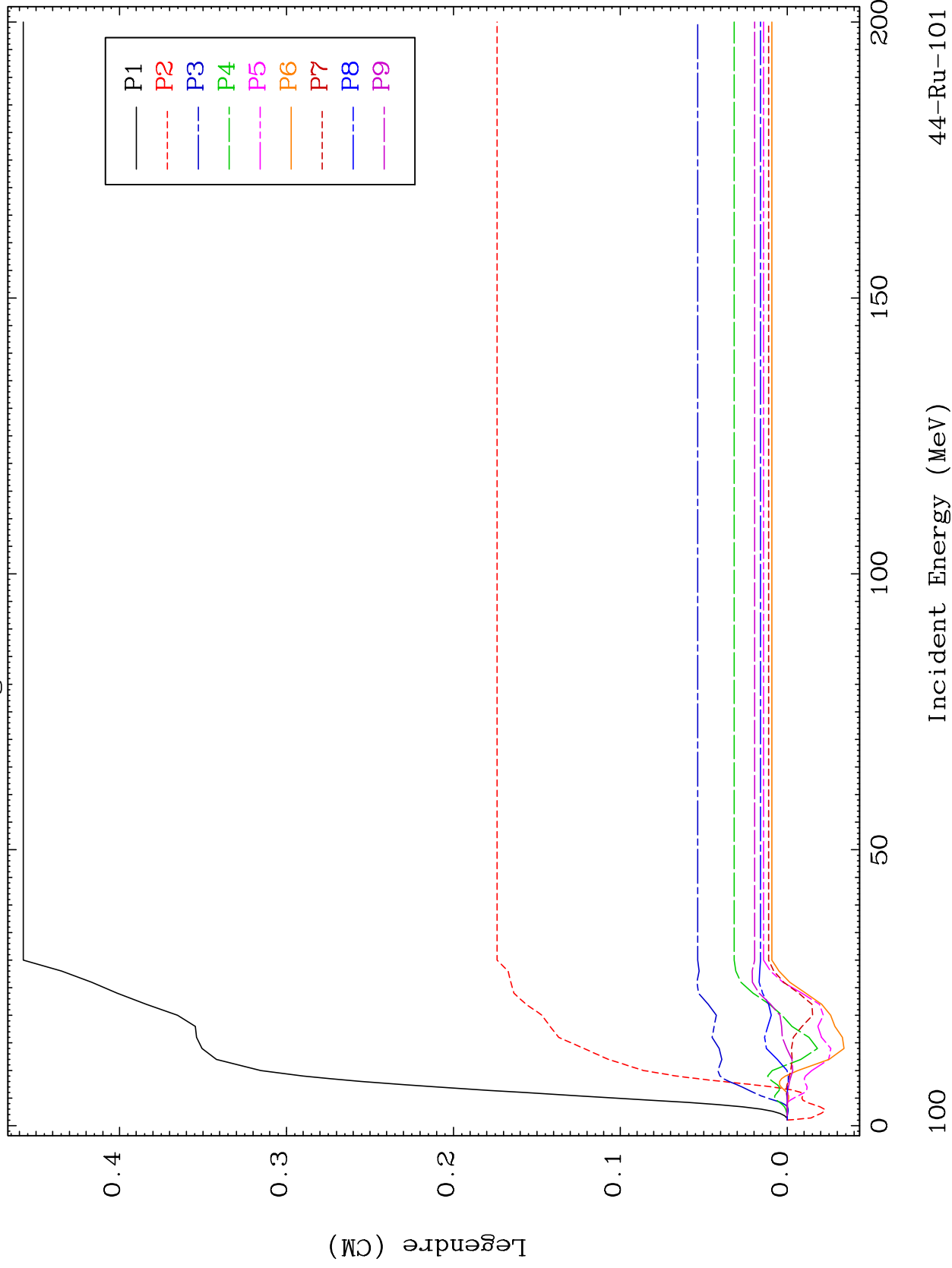
44-Ru-101



MAT 4440

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

44-Ru-101



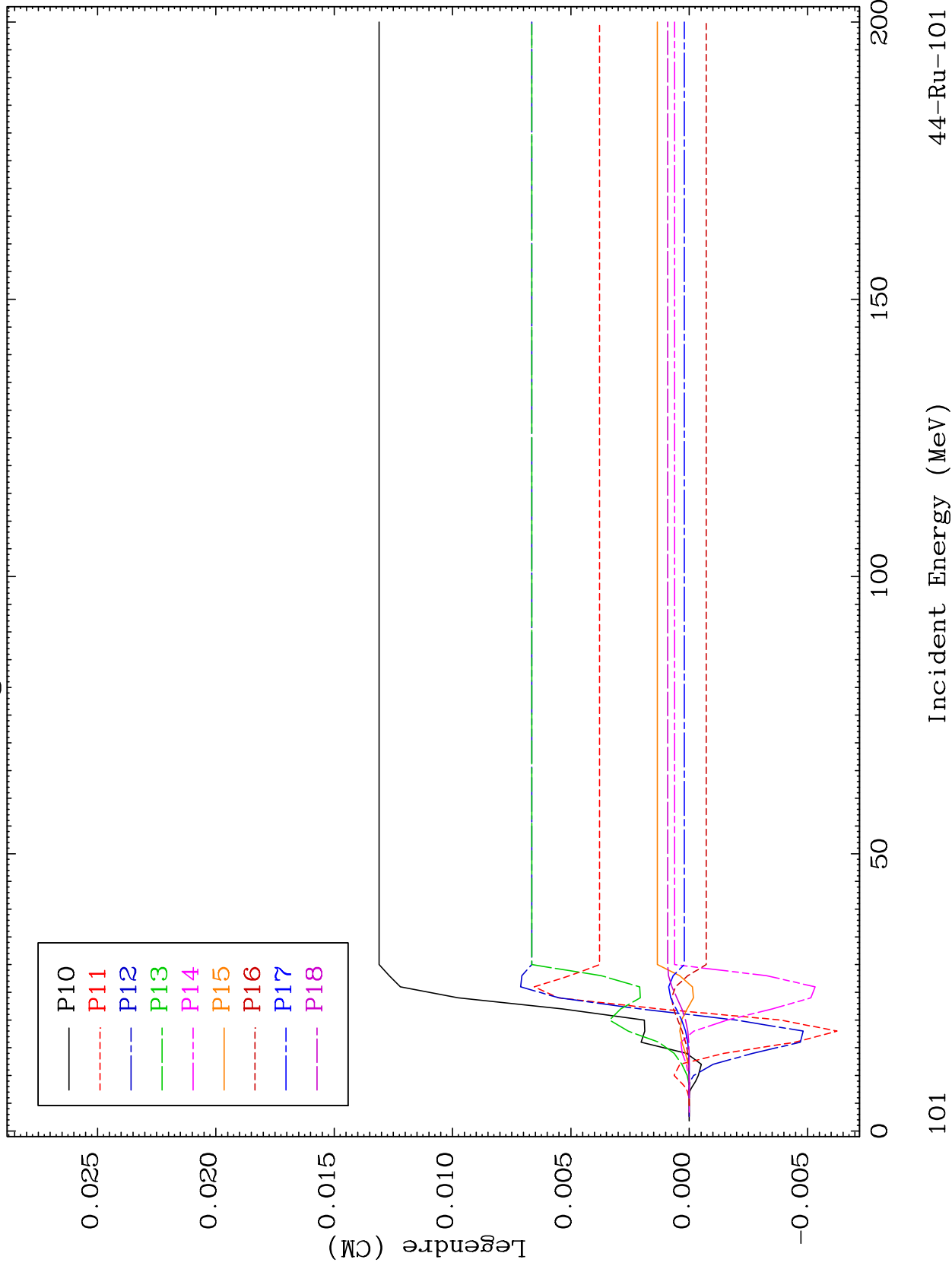
44-Ru-101

Incident Energy (MeV)

MAT 4440

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

44-Ru-101



44-Ru-101

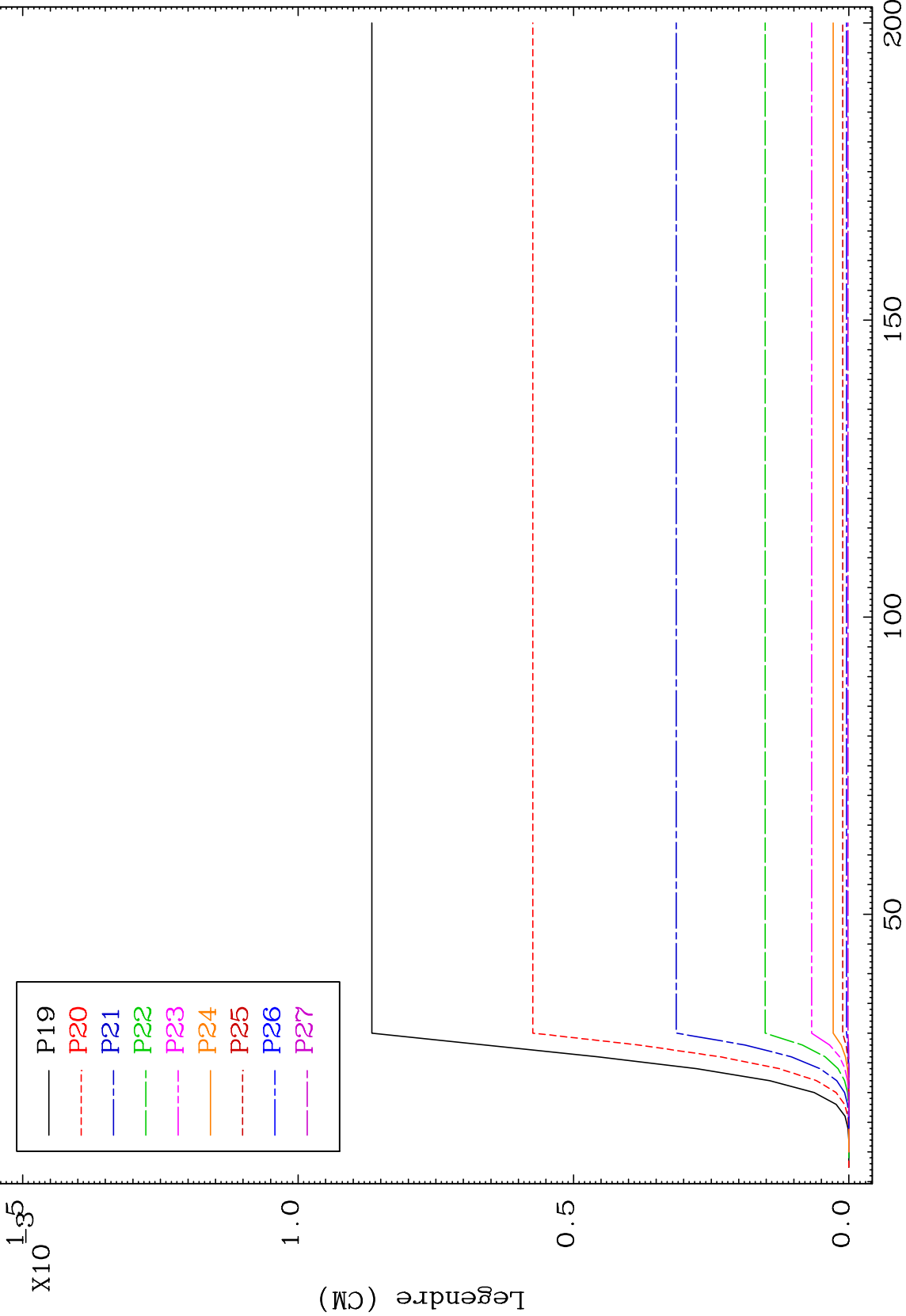
Incident Energy (MeV)

101

MAT 4440

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

44-Ru-101



102

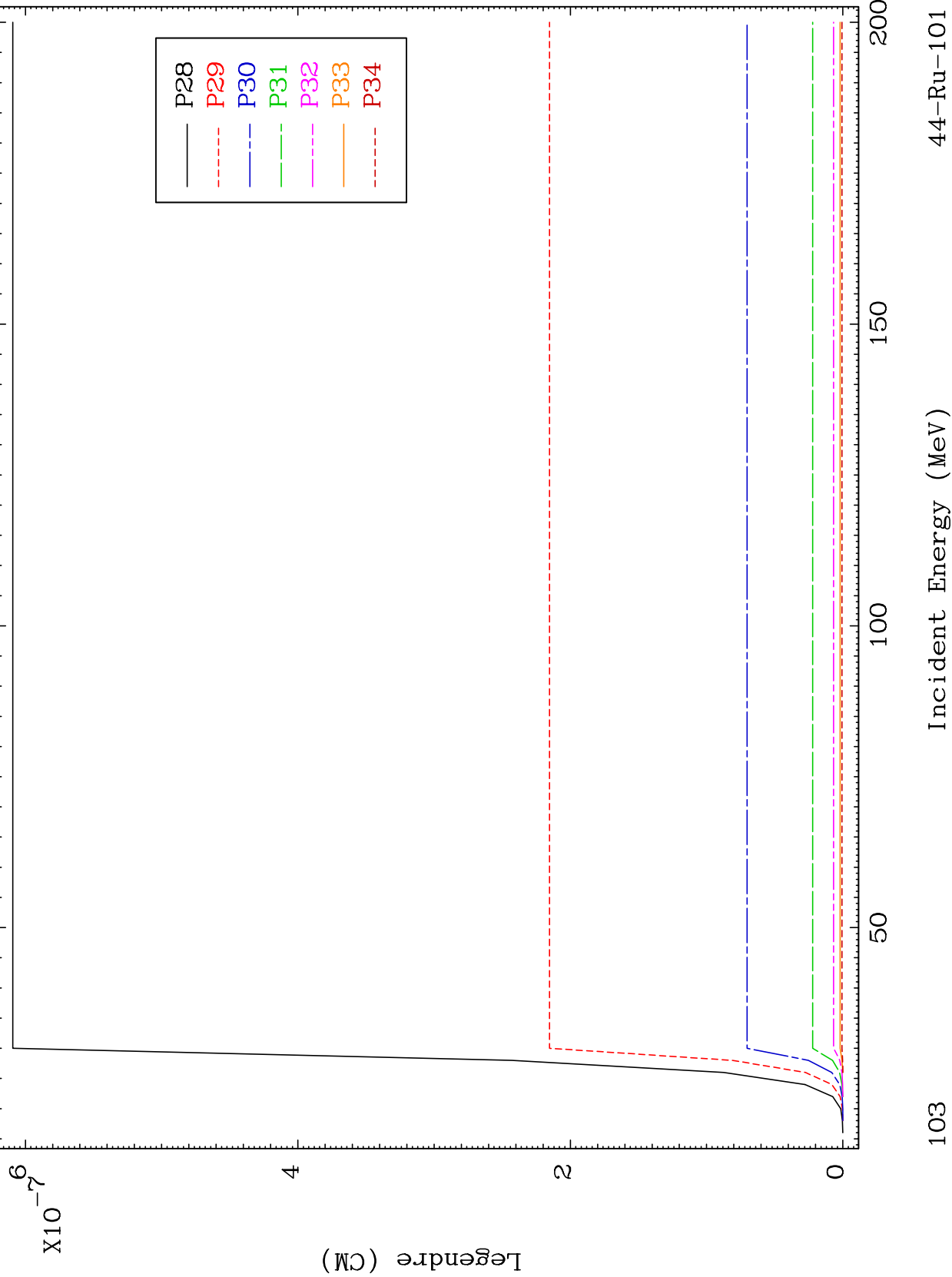
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101

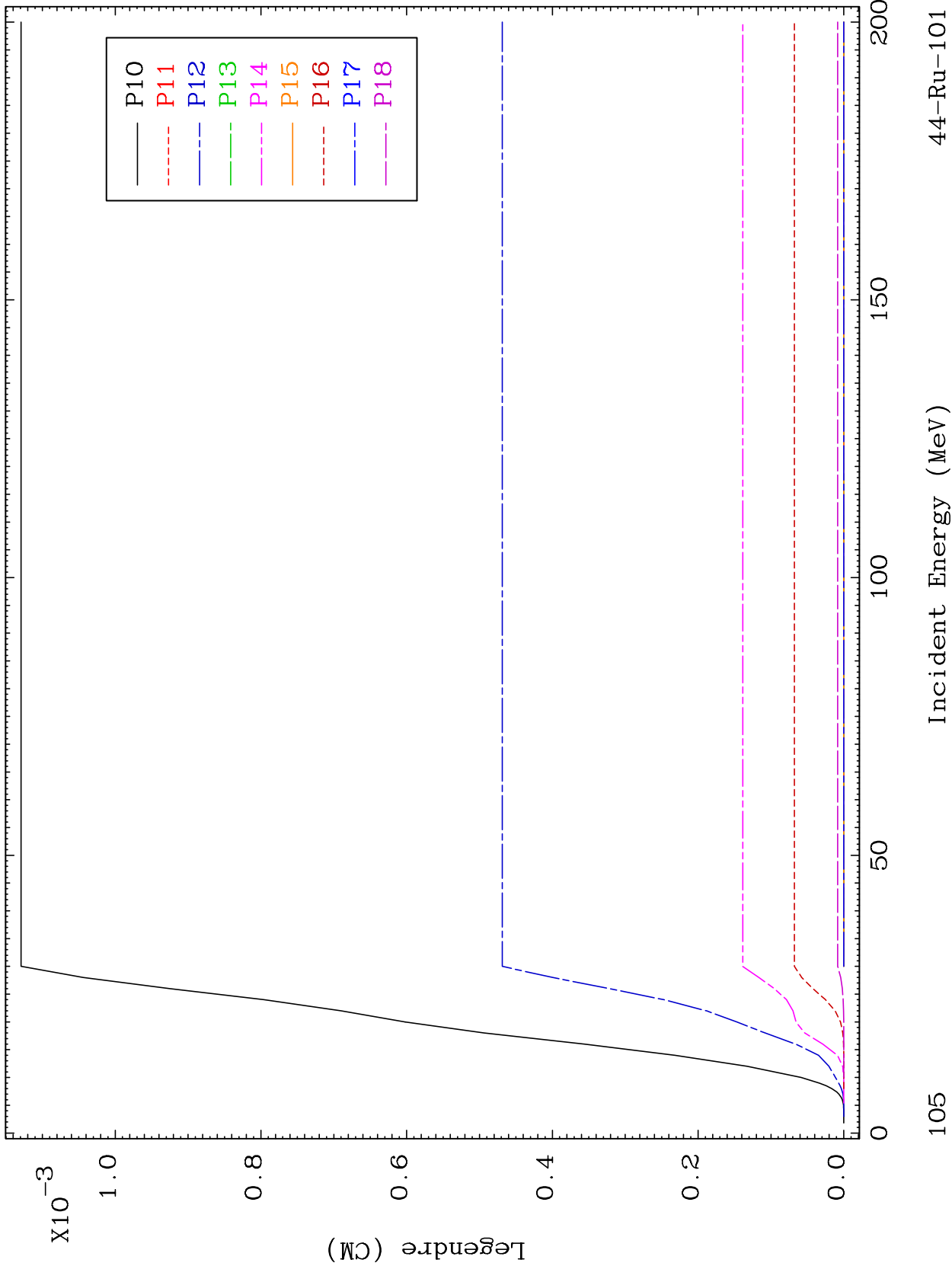


103

MAT 4440

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

44-Ru-101



105

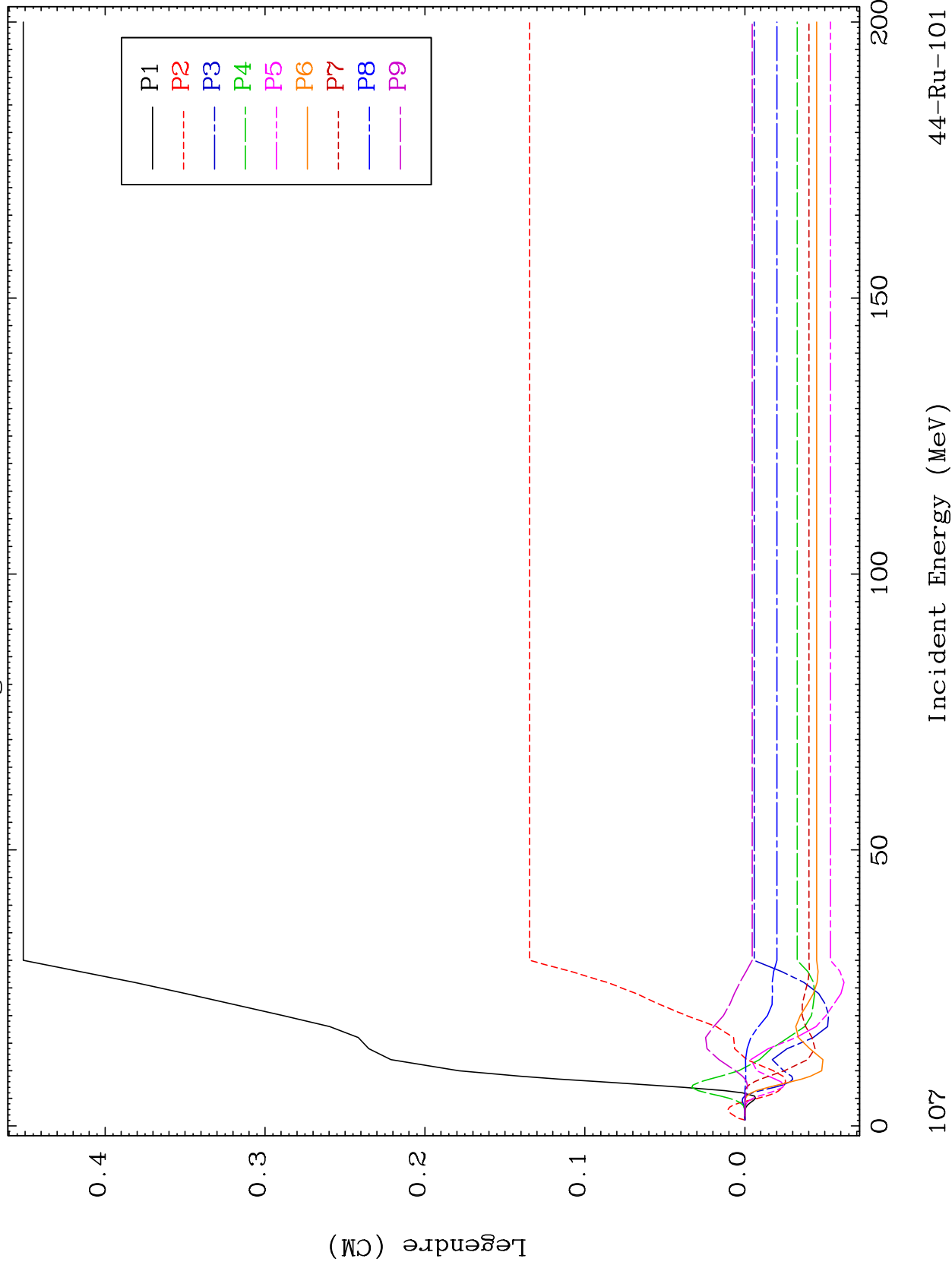
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



44-Ru-101

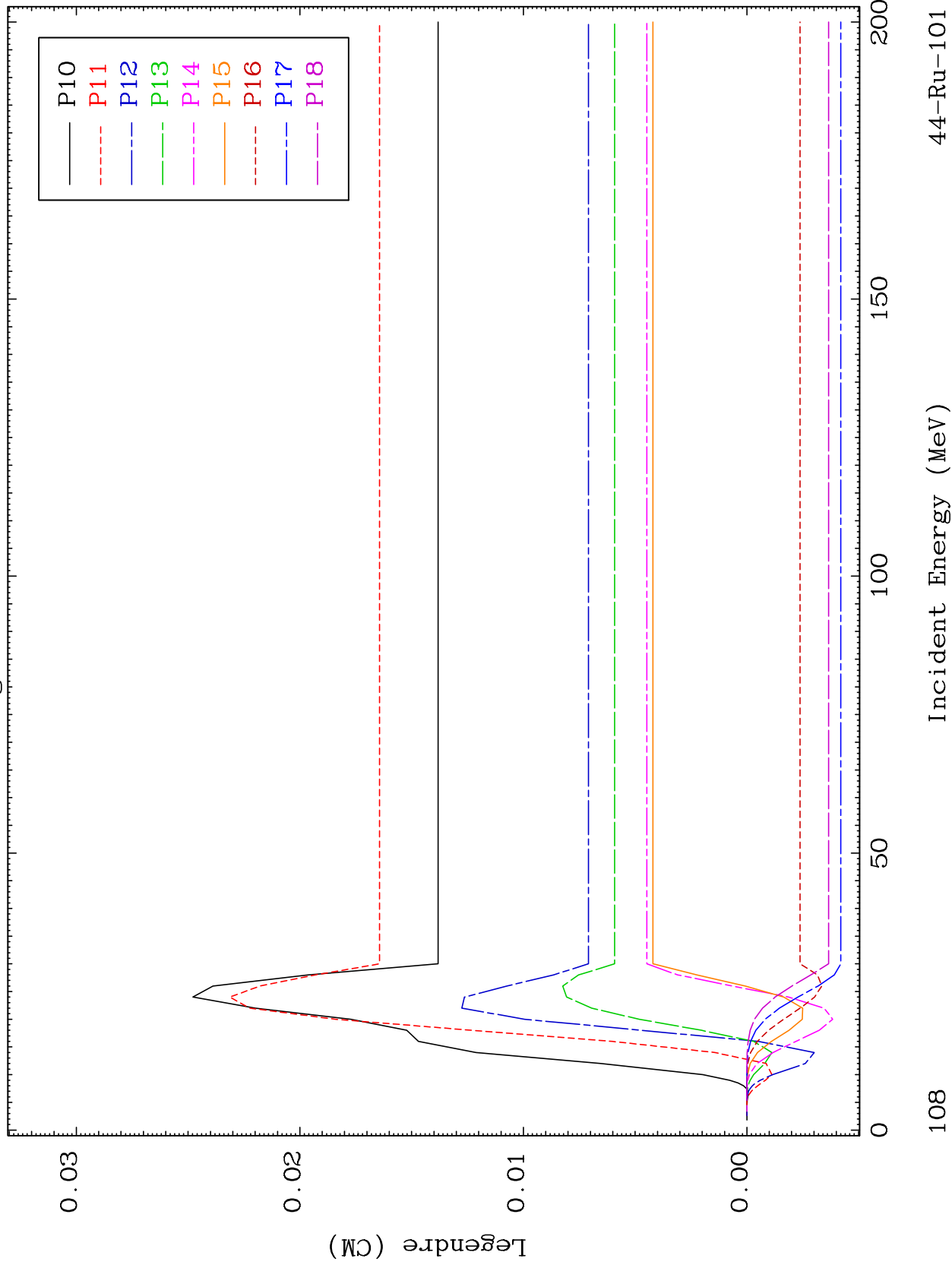
Incident Energy (MeV)

107

MAT 4440

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

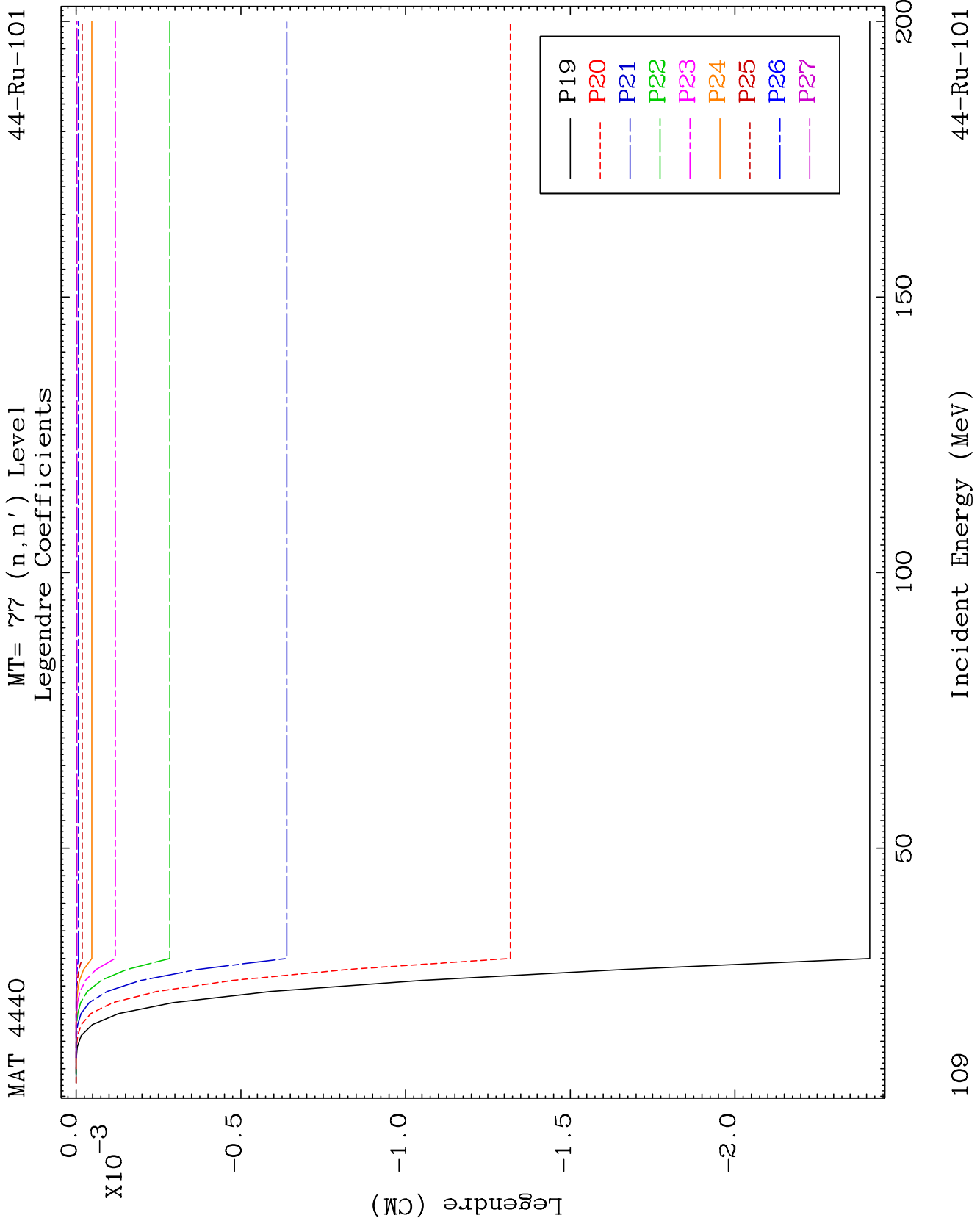
44-Ru-101

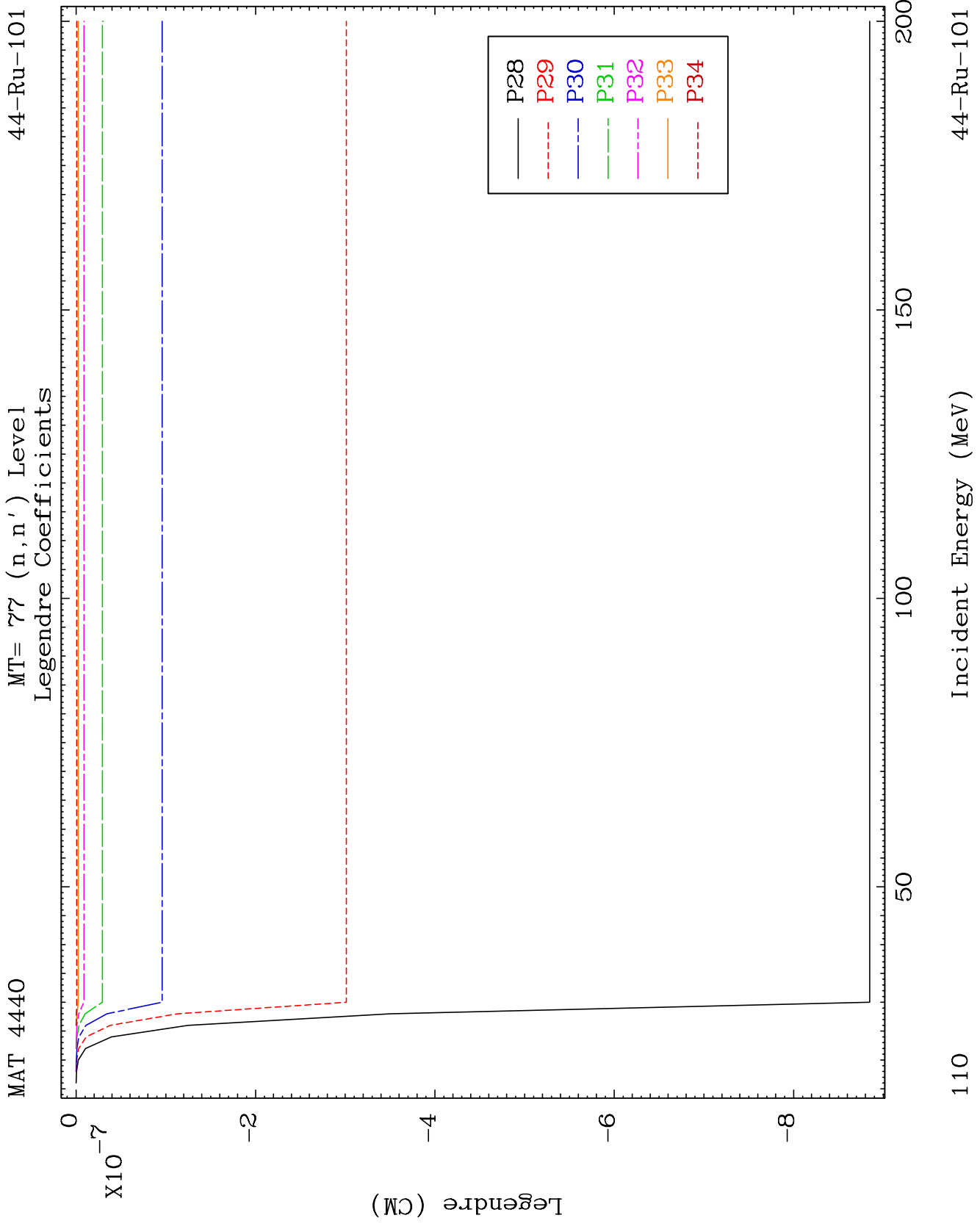


44-Ru-101

Incident Energy (MeV)

108

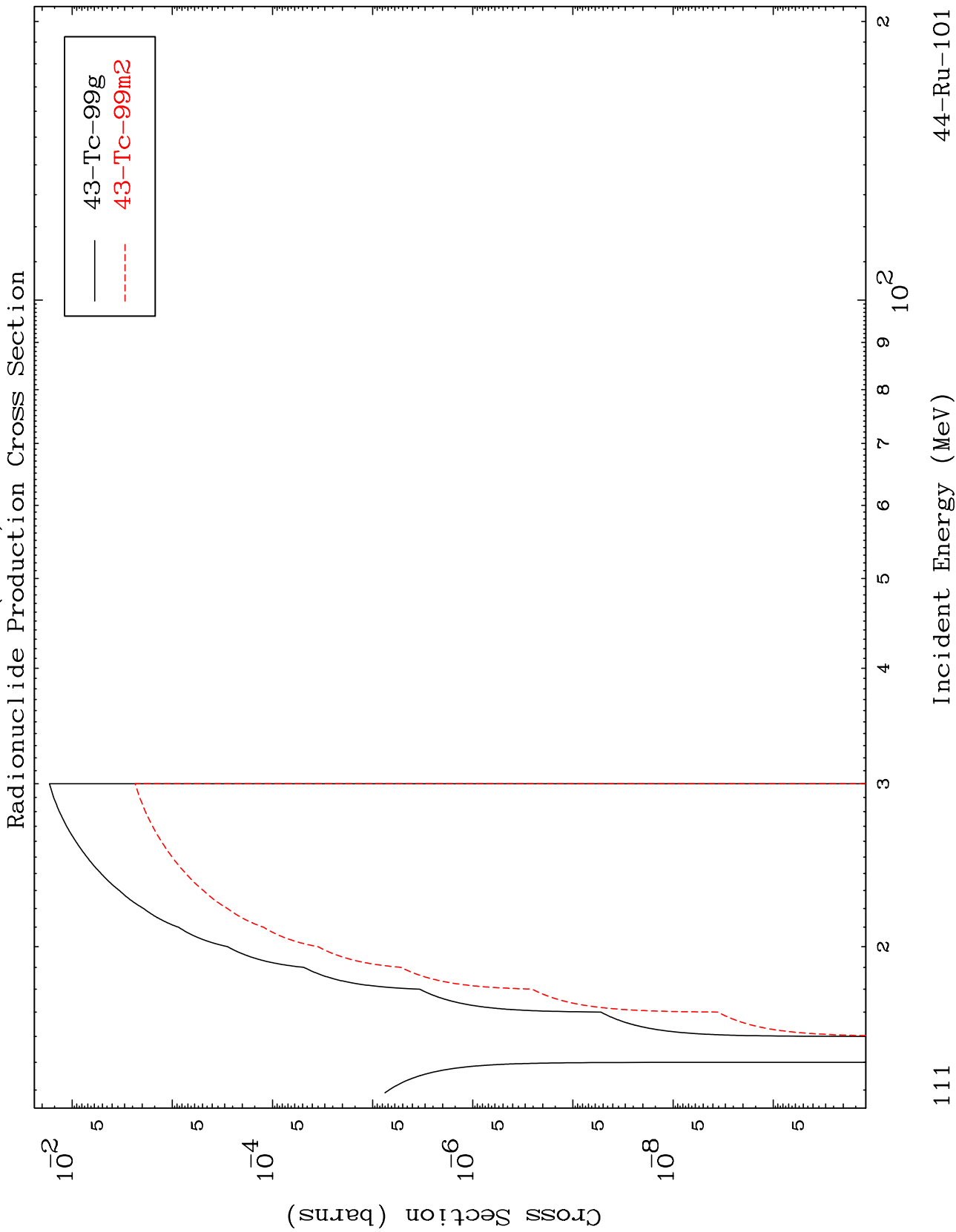




MAT 4440

(n,n') d

44-Ru-101



111

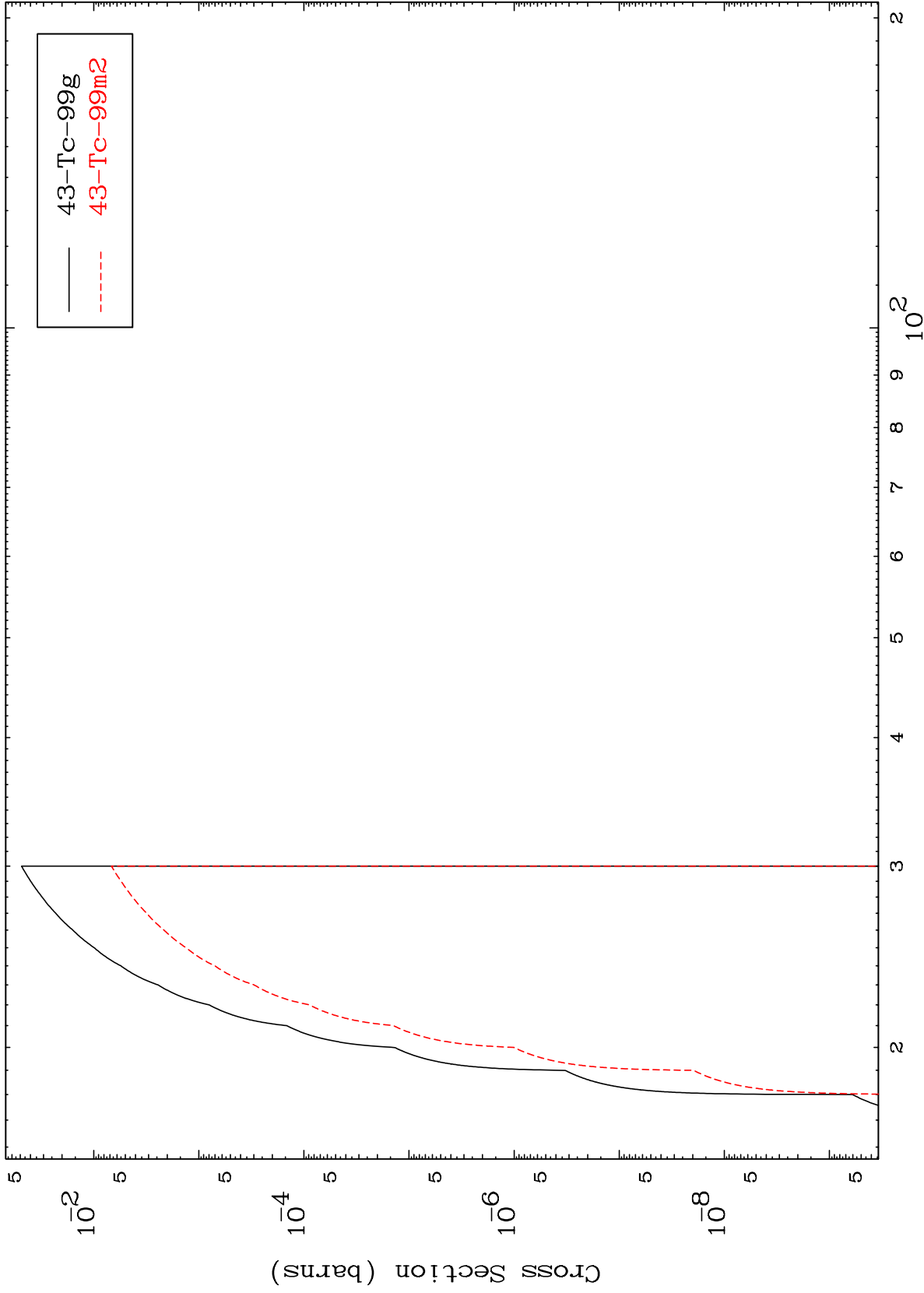
44-Ru-101

MAT 4440

(n,2n) p

44-Ru-101

Radionuclide Production Cross Section



112

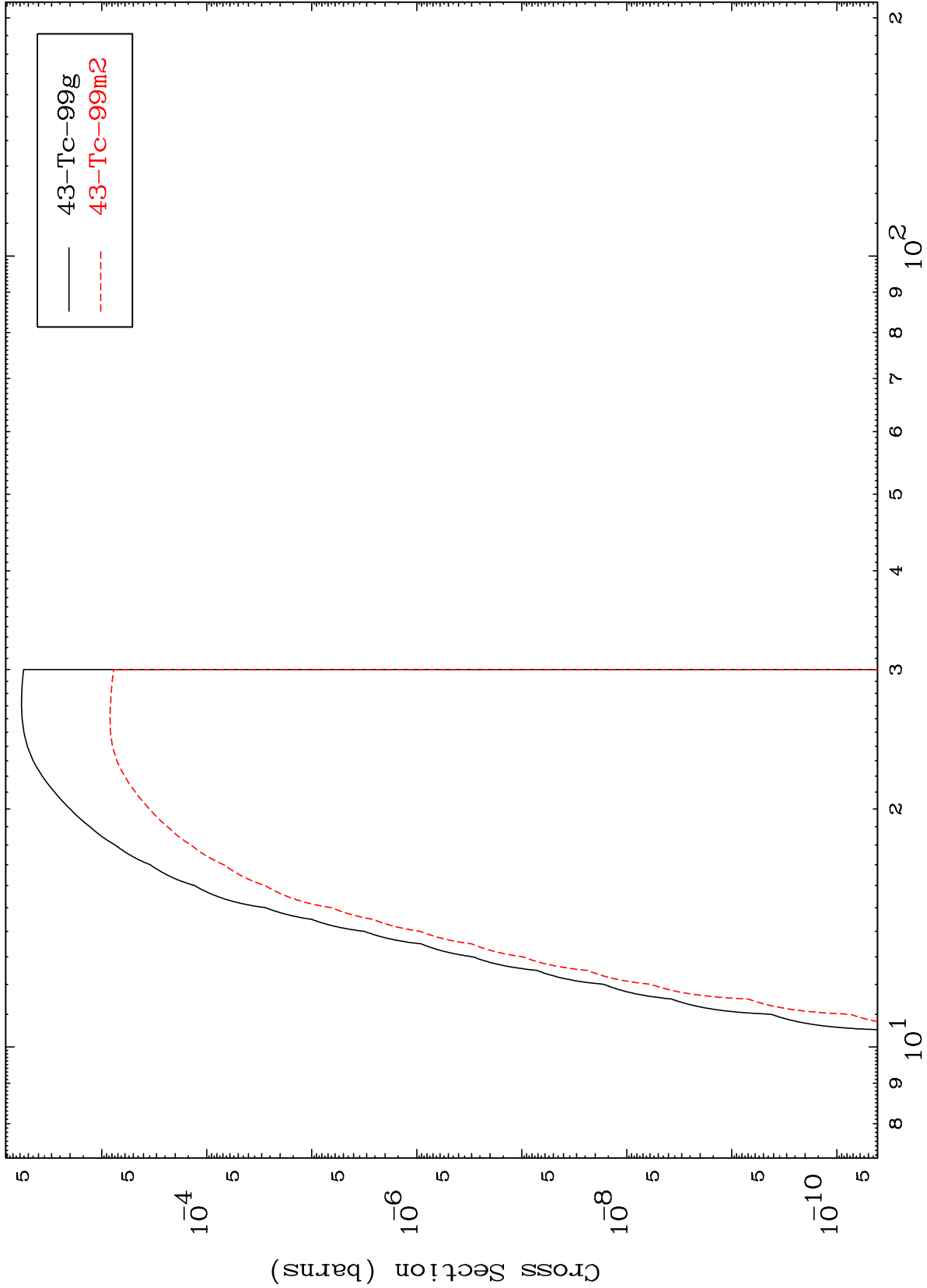
Incident Energy (MeV)

44-Ru-101

MAT 4440

44-Ru-101

(n, t)
Radionuclide Production Cross Section



113

Incident Energy (MeV)

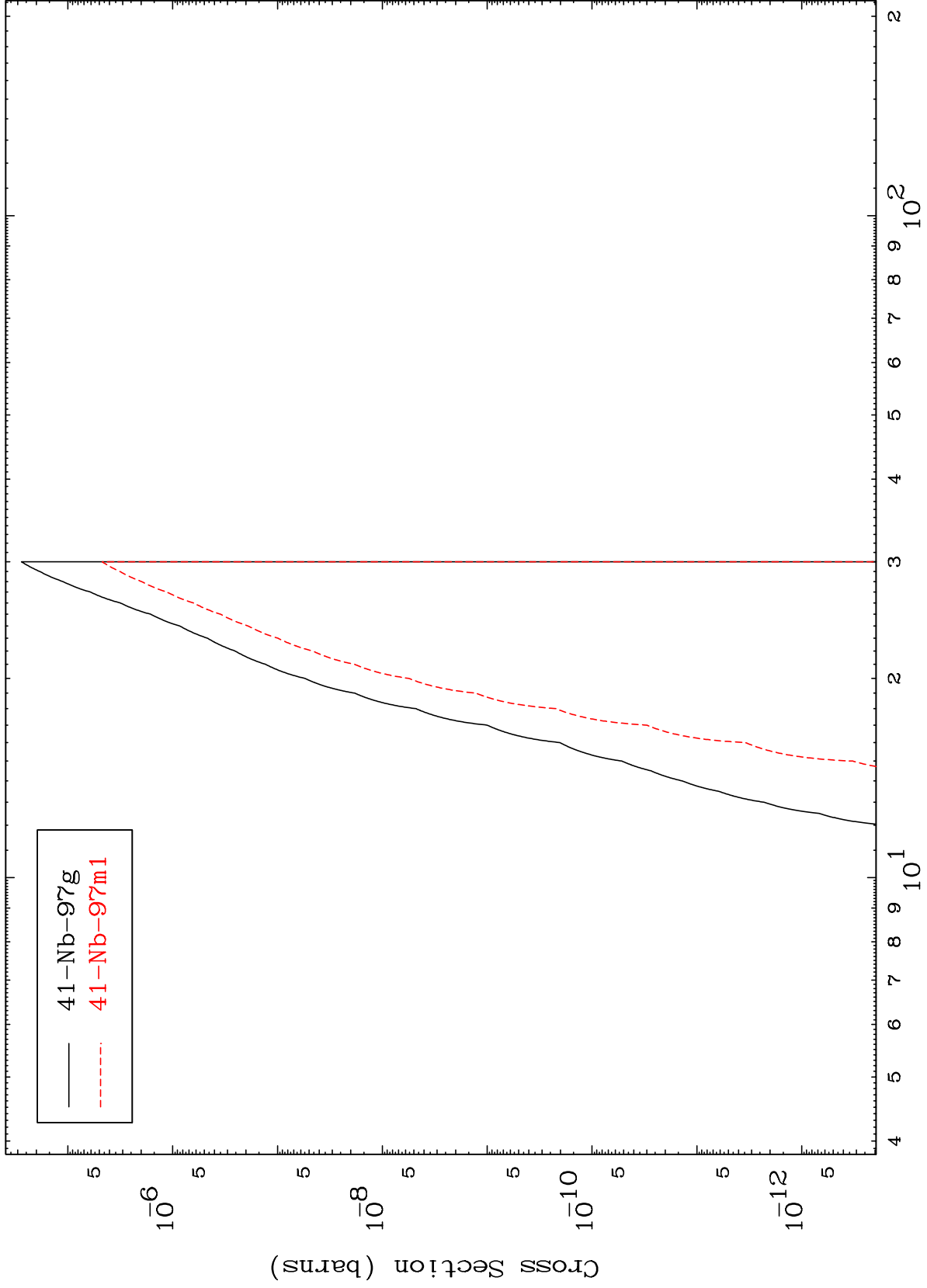
44-Ru-101

MAT 4440

(n,p) α

44-Ru-101

Radionuclide Production Cross Section



114

Incident Energy (MeV)

44-Ru-101