

Program EVALPLOT
(Version 2021-1)

by

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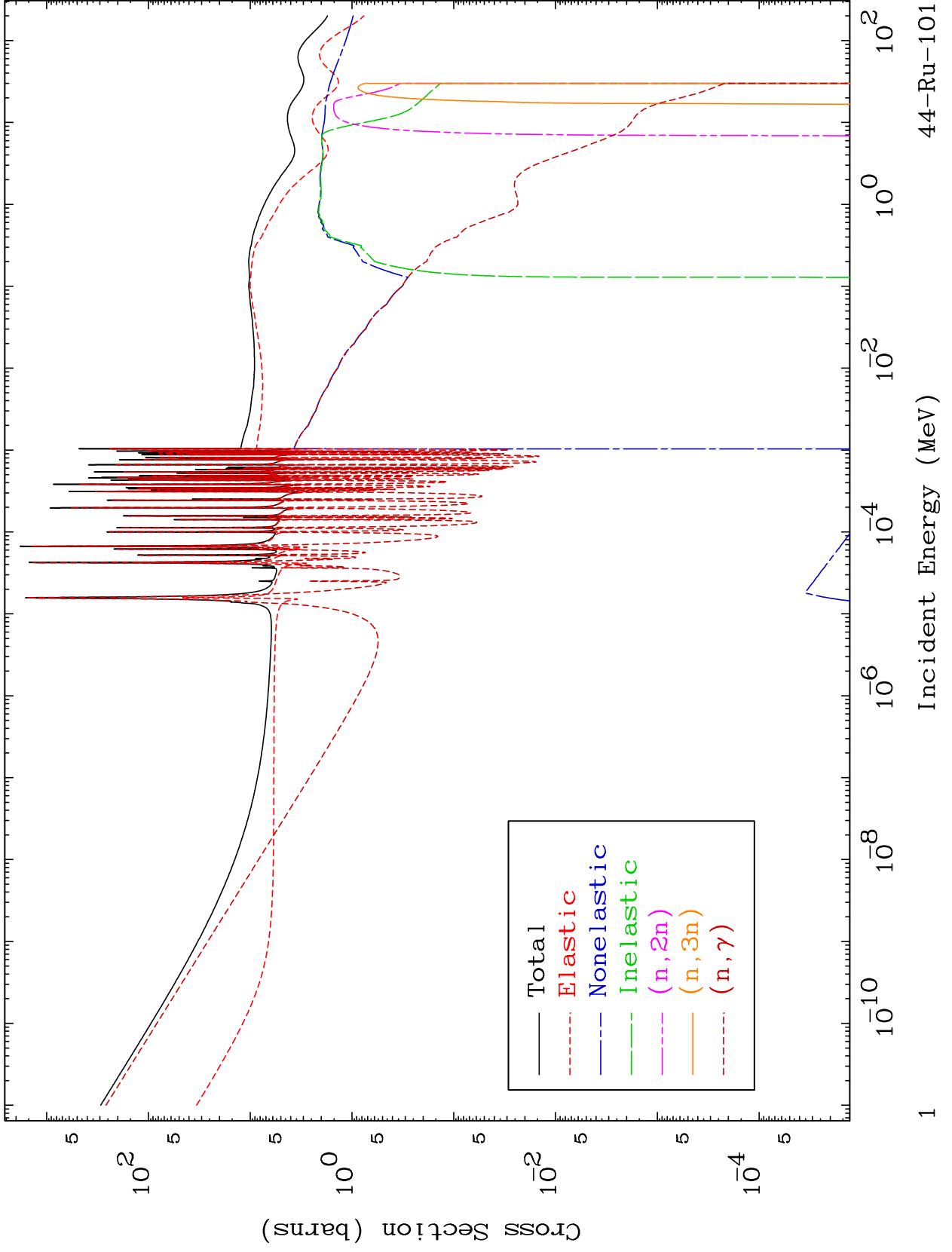
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Press Mouse Button to Start

MAT 4440

Neutron Major
293 Kelvin Cross Sections

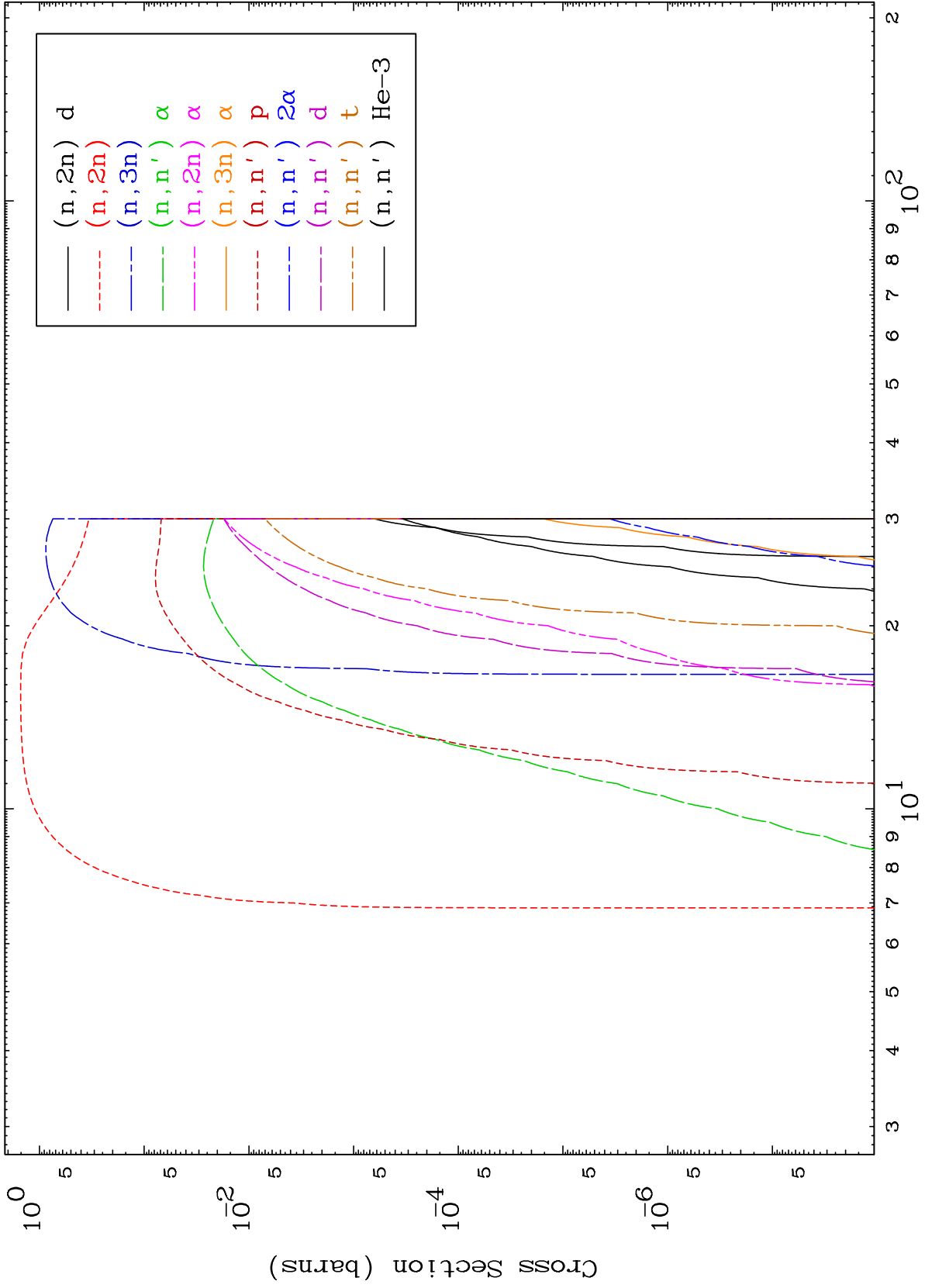
44-Ru-101



MAT 4440

Neutron Absorption
293 Kelvin Cross Sections

44-Ru-101



2

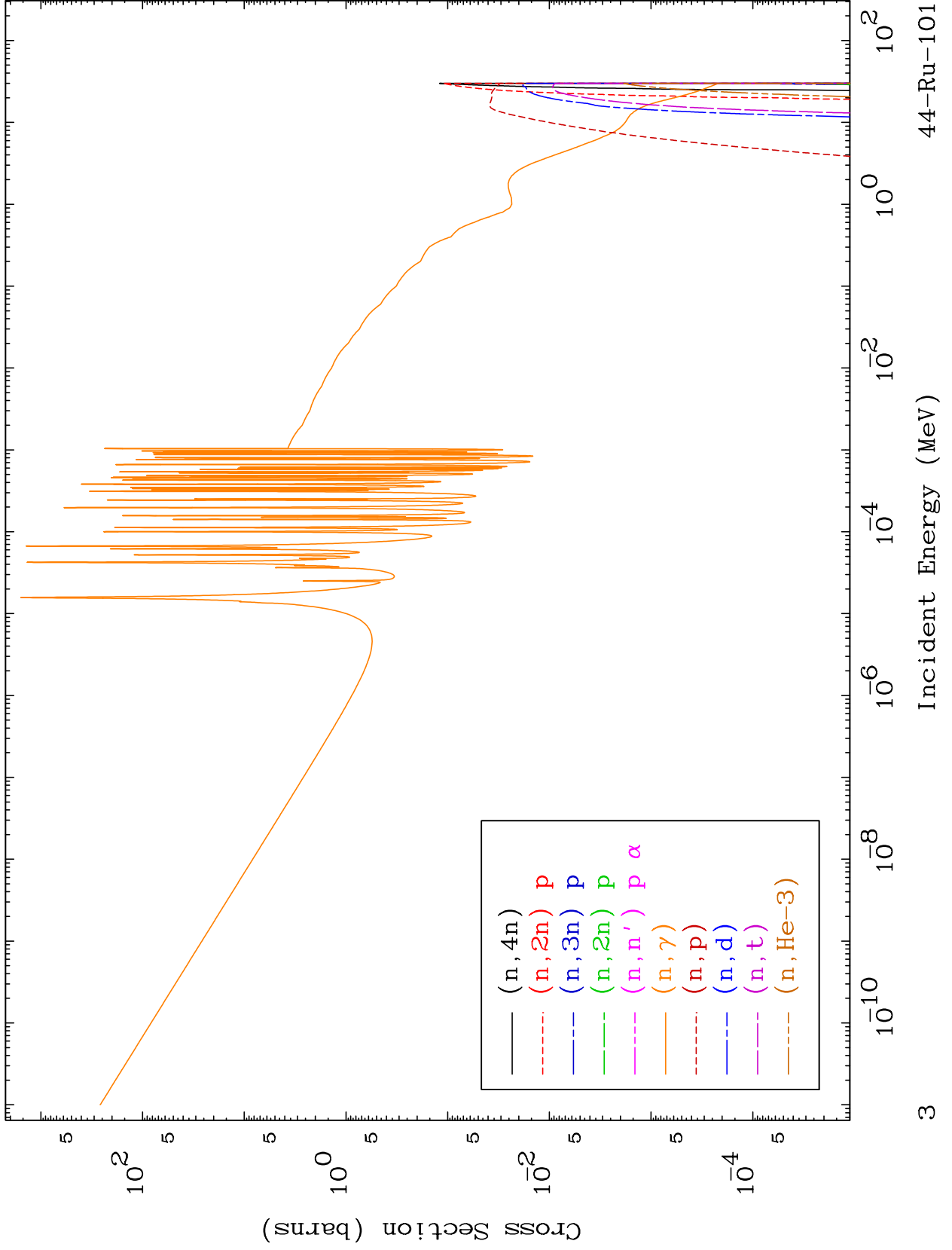
Incident Energy (MeV)

44-Ru-101

MAT 4440

Neutron Absorption
293 Kelvin Cross Sections

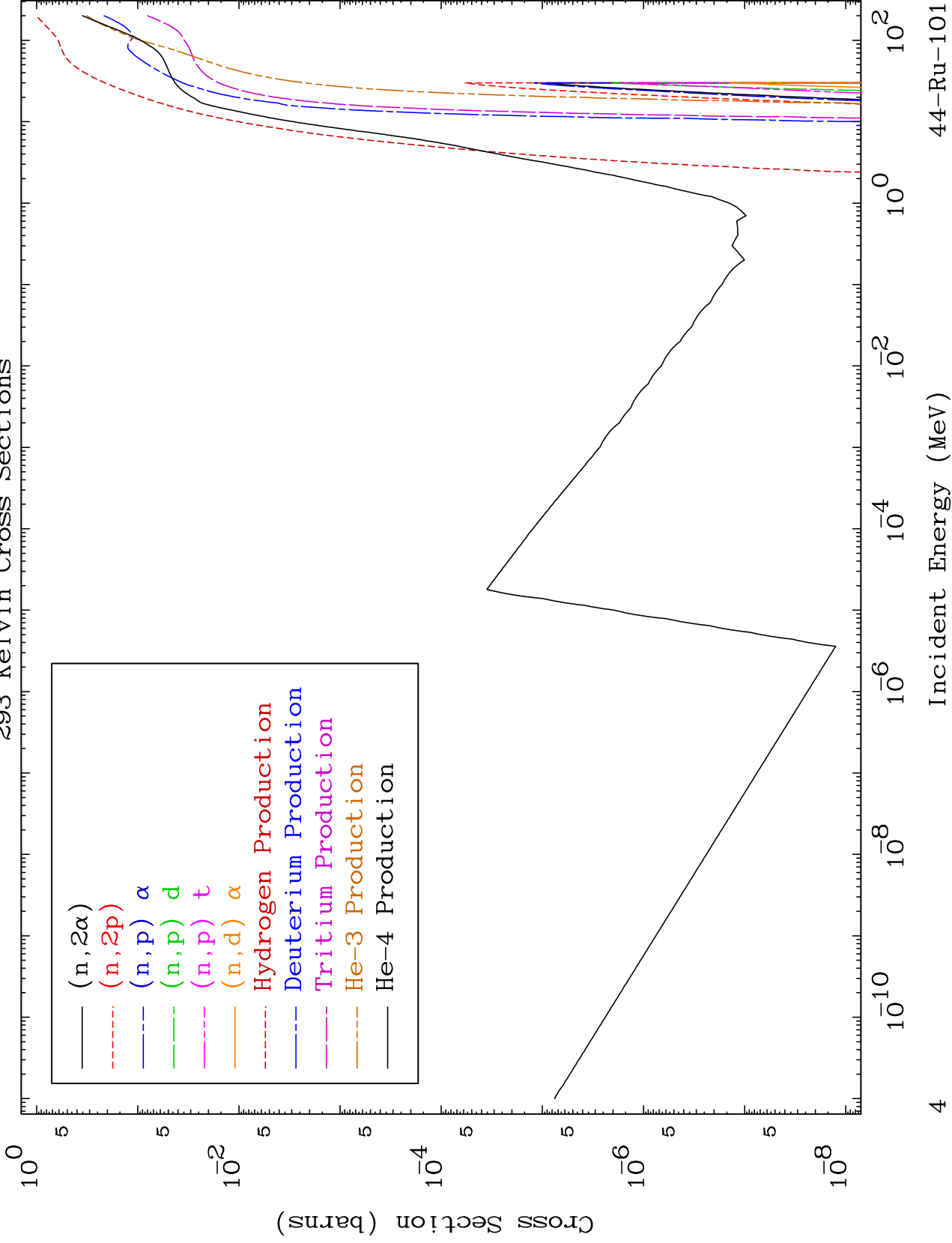
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MAT 4440

Neutron Absorption
293 Kelvin Cross Sections

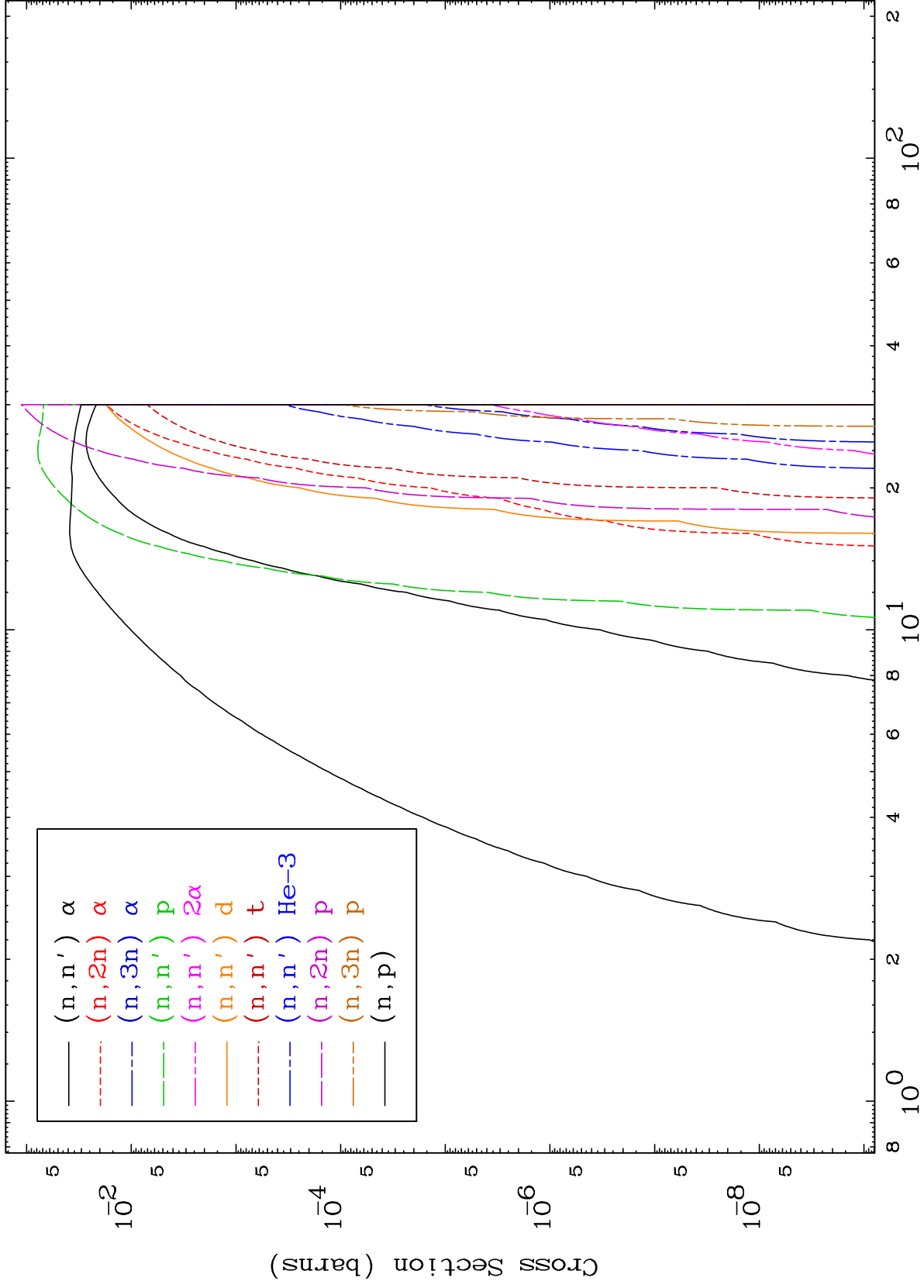
44-Ru-101



MAT 4440

Charged Particle
293 Kelvin Cross Sections

44-Ru-101



Incident Energy (MeV)

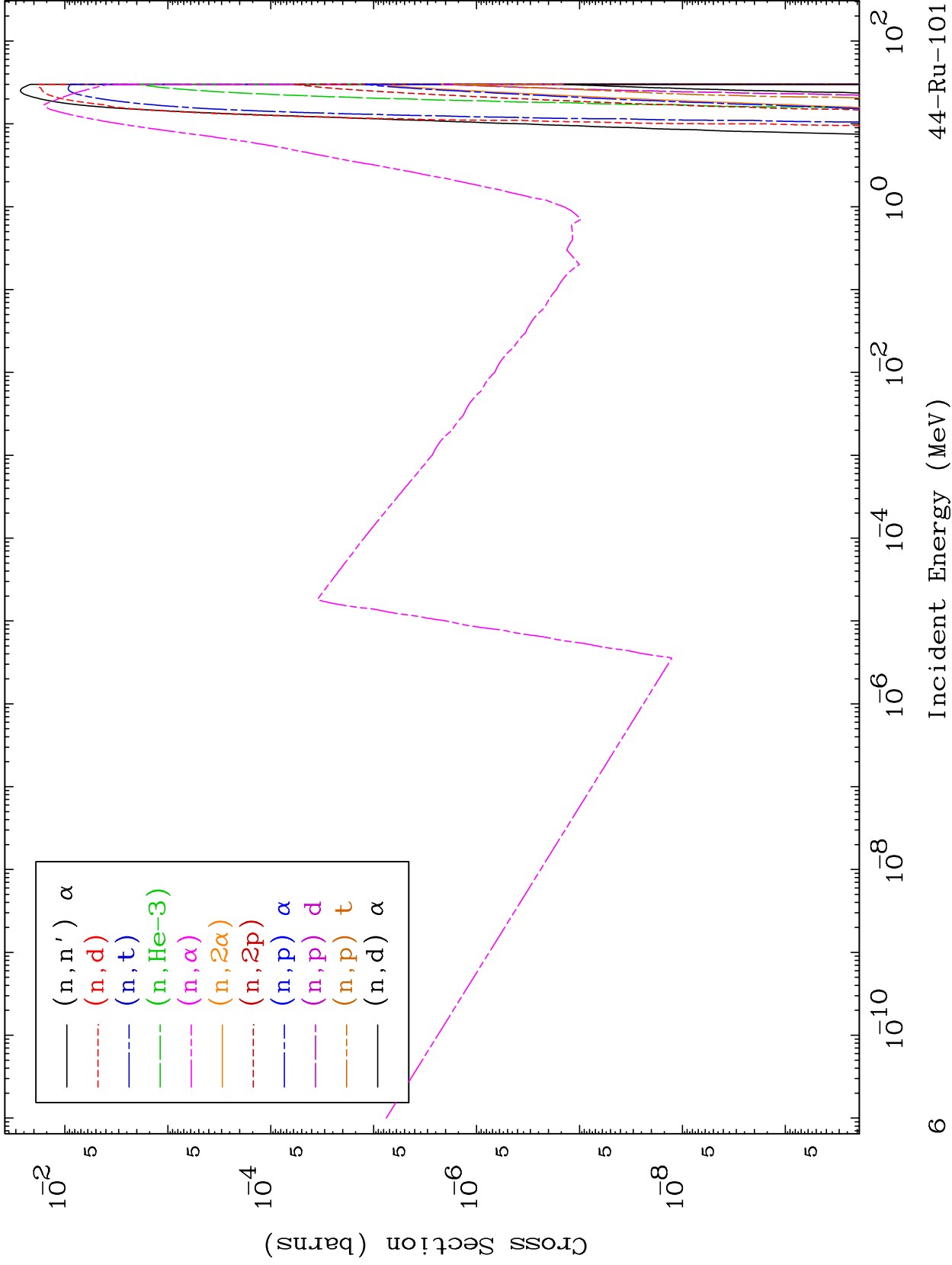
44-Ru-101

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MAT 4440

Charged Particle
293 Kelvin Cross Sections

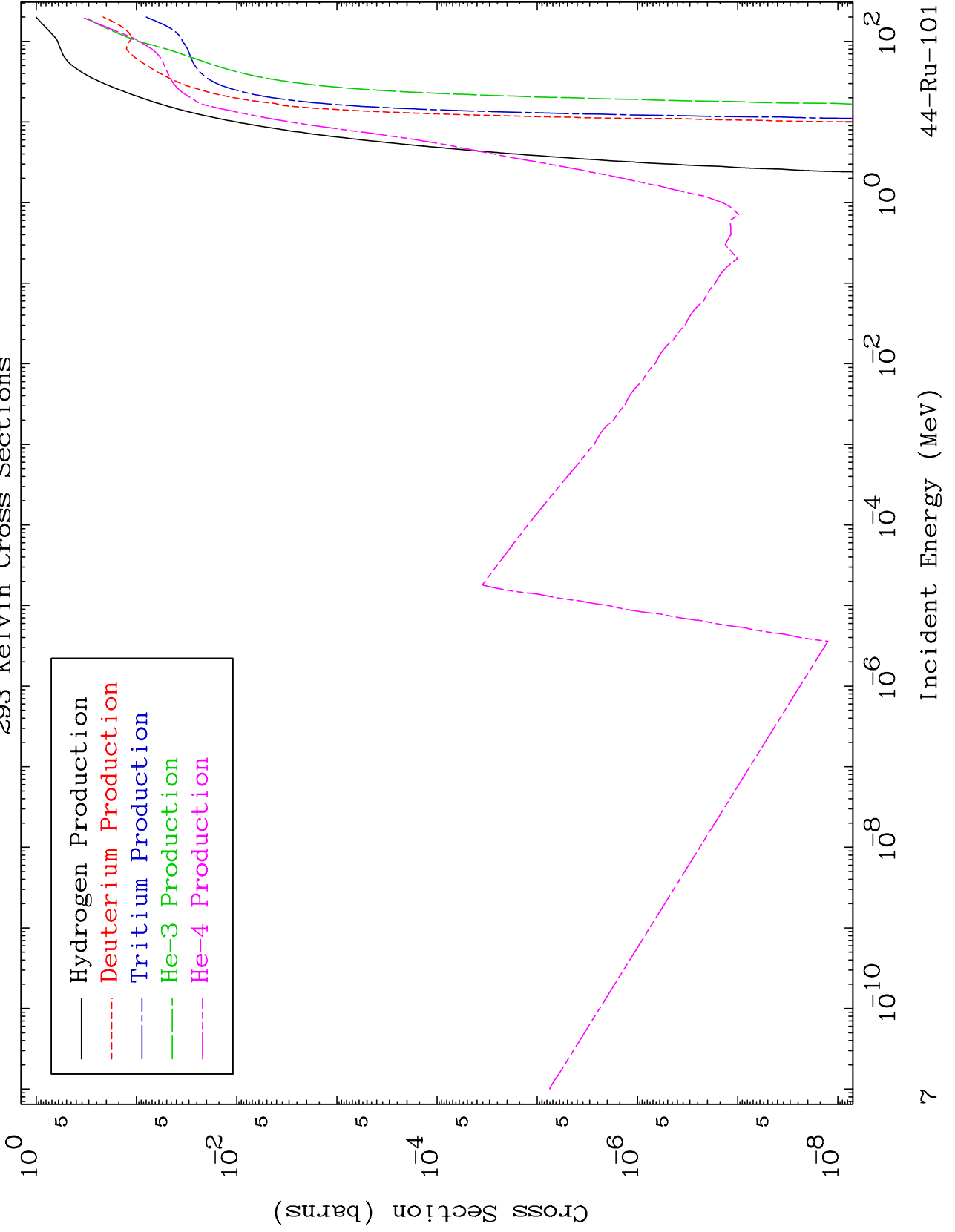
44-Ru-101



MAT 4440

Particle Production
293 Kelvin Cross Sections

44-Ru-101

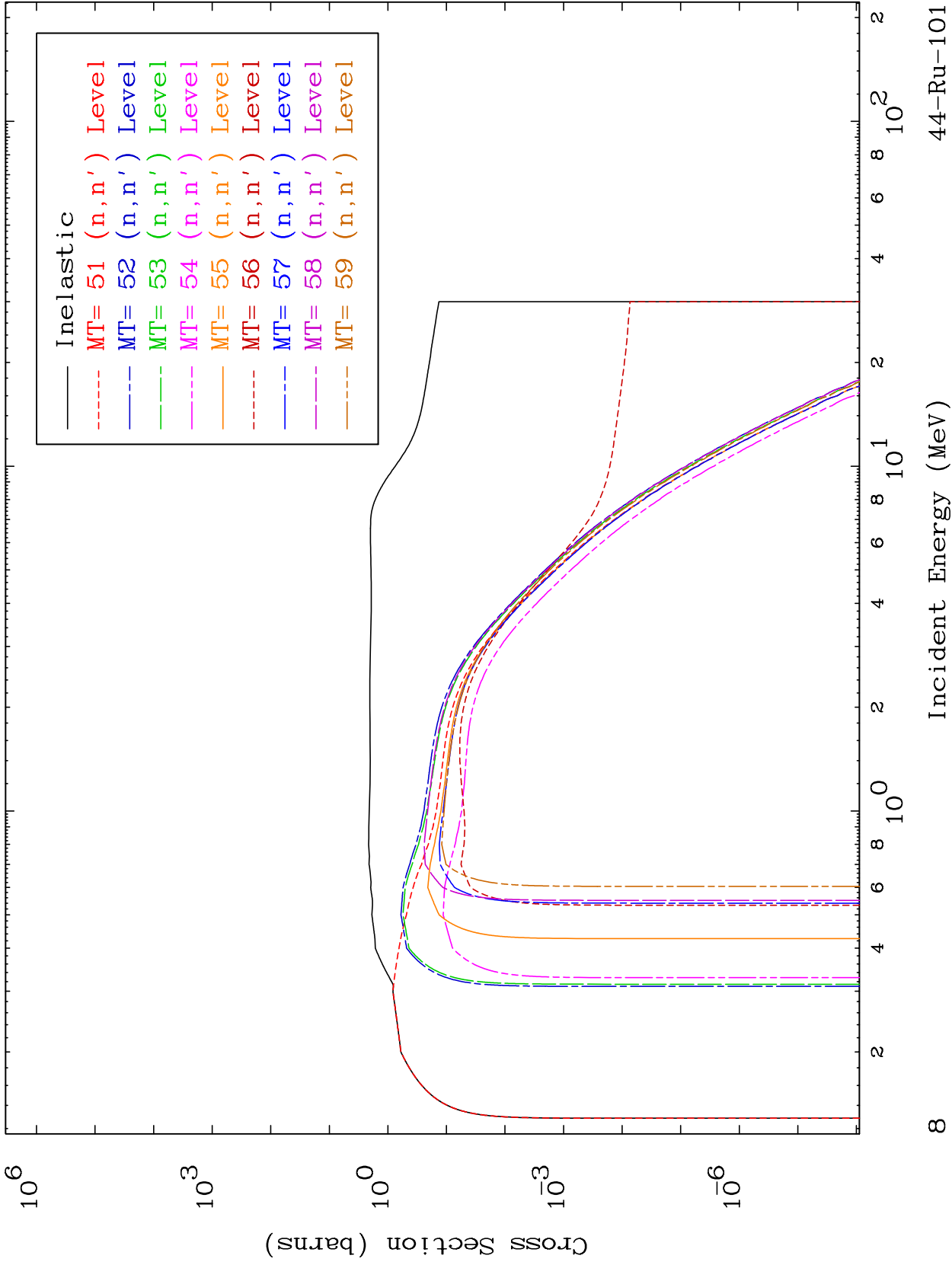


MAT 4440

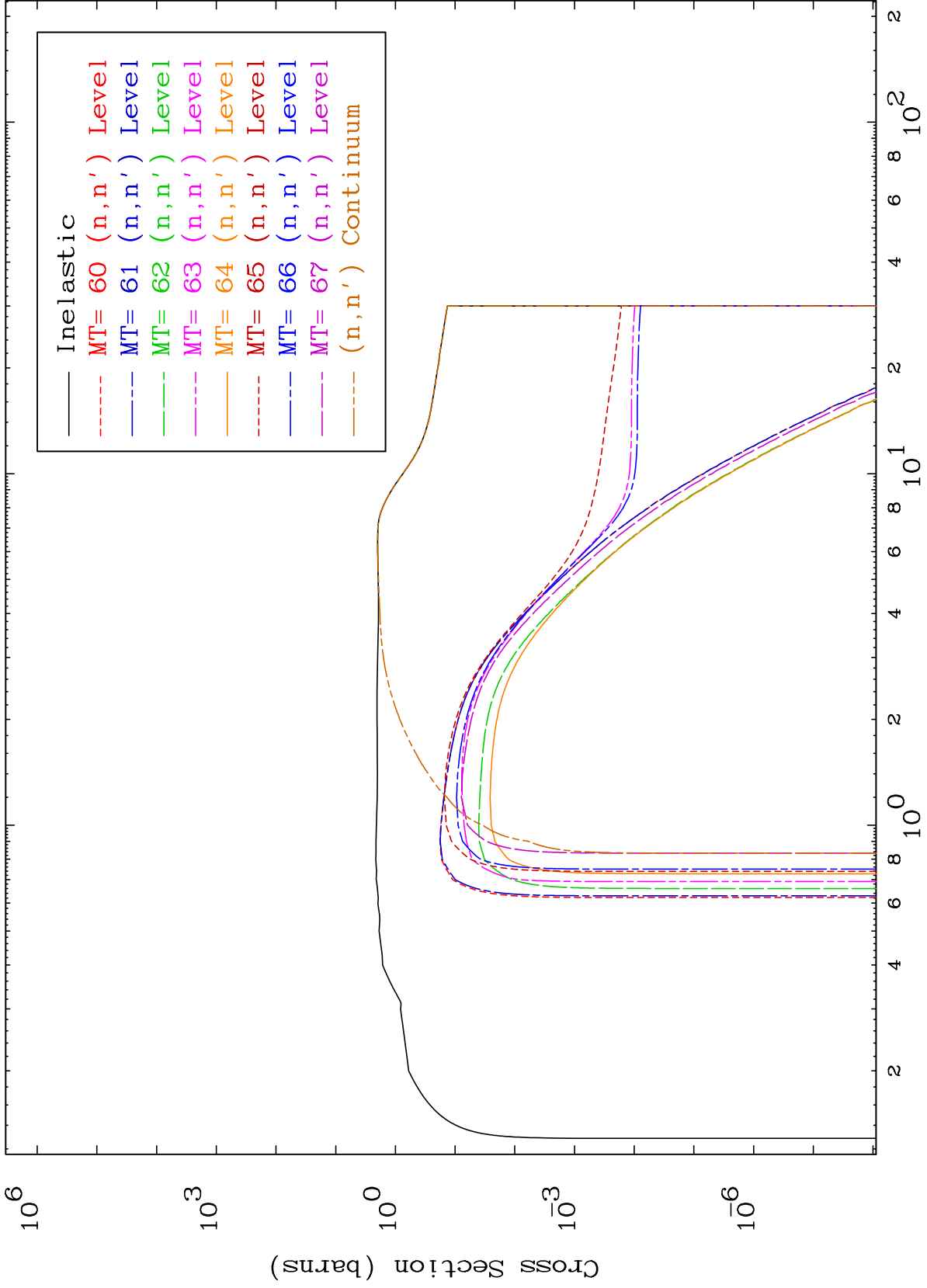
(n,n') Levels

44-Ru-101

293 Kelvin Cross Sections



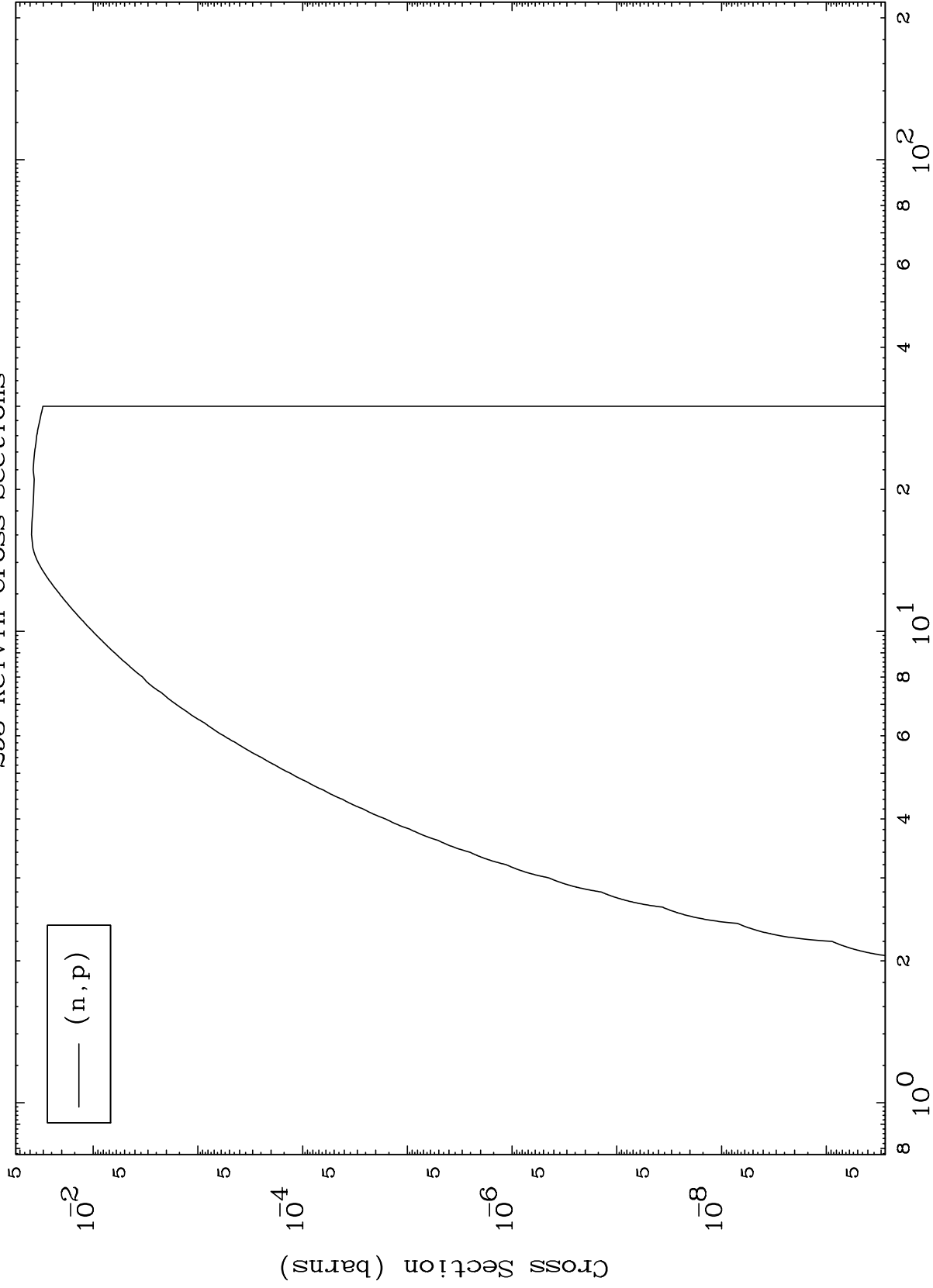
293 Kelvin Cross Sections



MAT 4440

(n,p) Levels
293 Kelvin Cross Sections

44-Ru-101



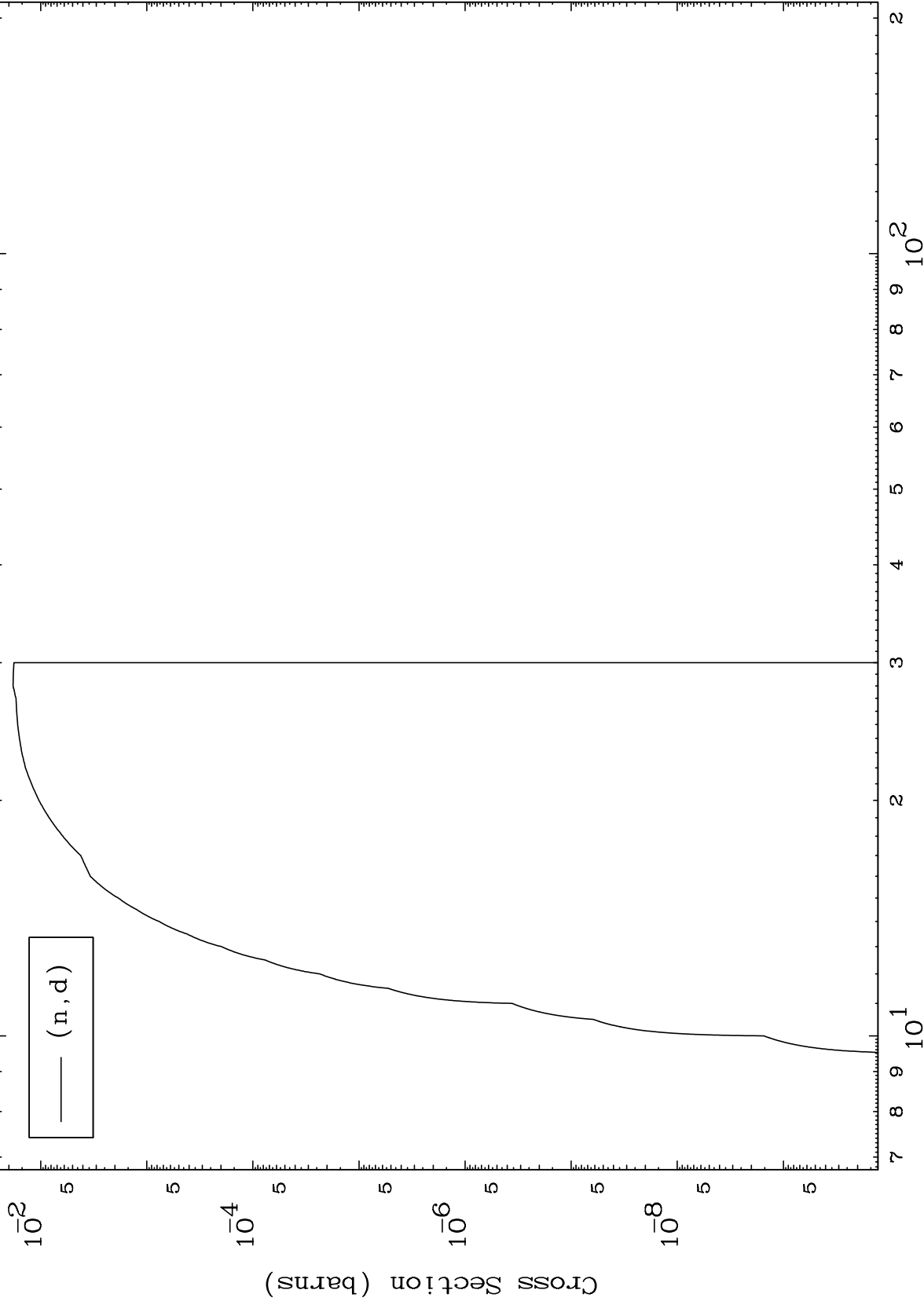
Incident Energy (MeV)

44-Ru-101

MAT 4440

(n,d) Levels
293 Kelvin Cross Sections

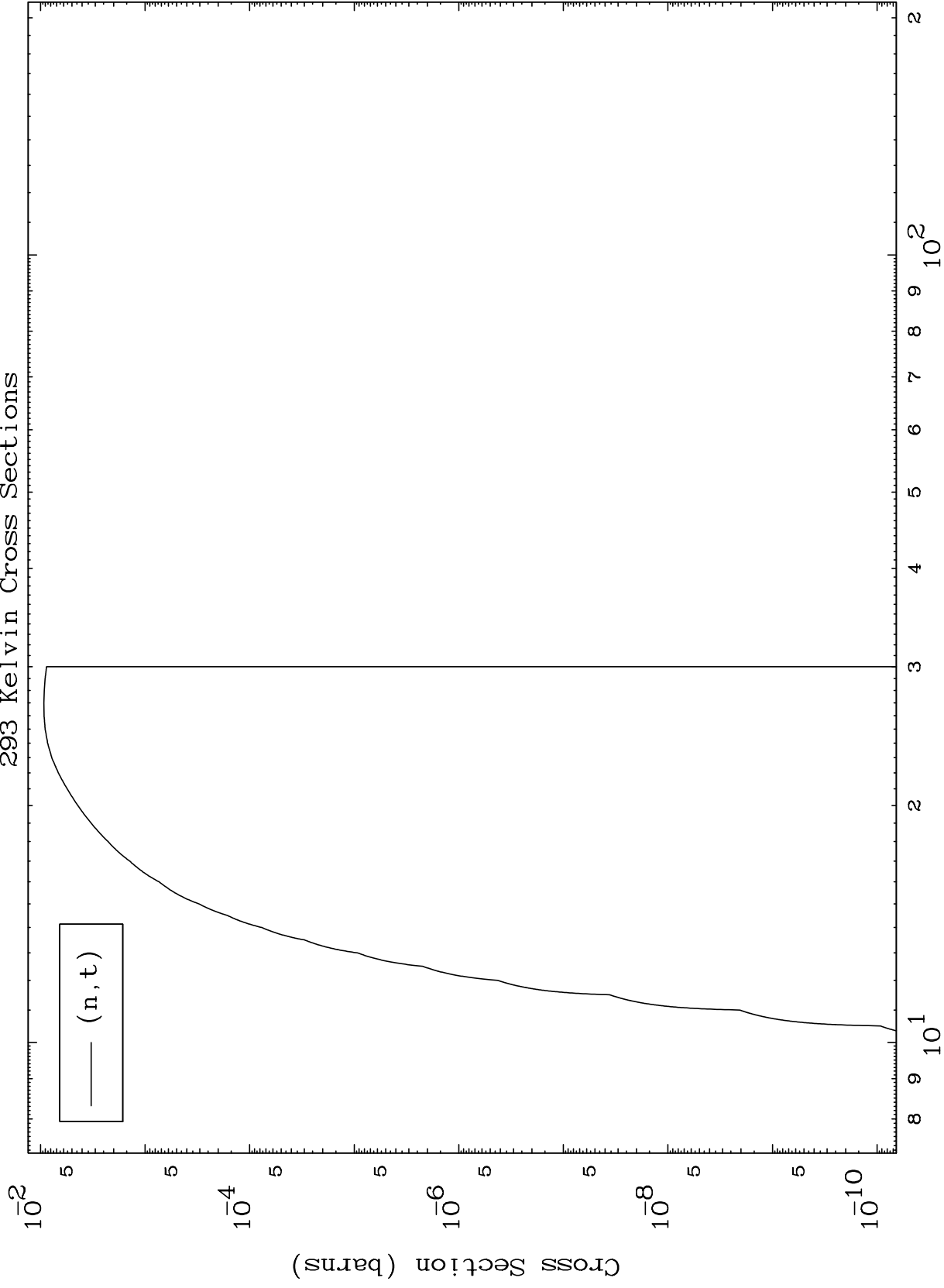
44-Ru-101



MAT 4440

(n,t) Levels
293 Kelvin Cross Sections

44-Ru-101



12

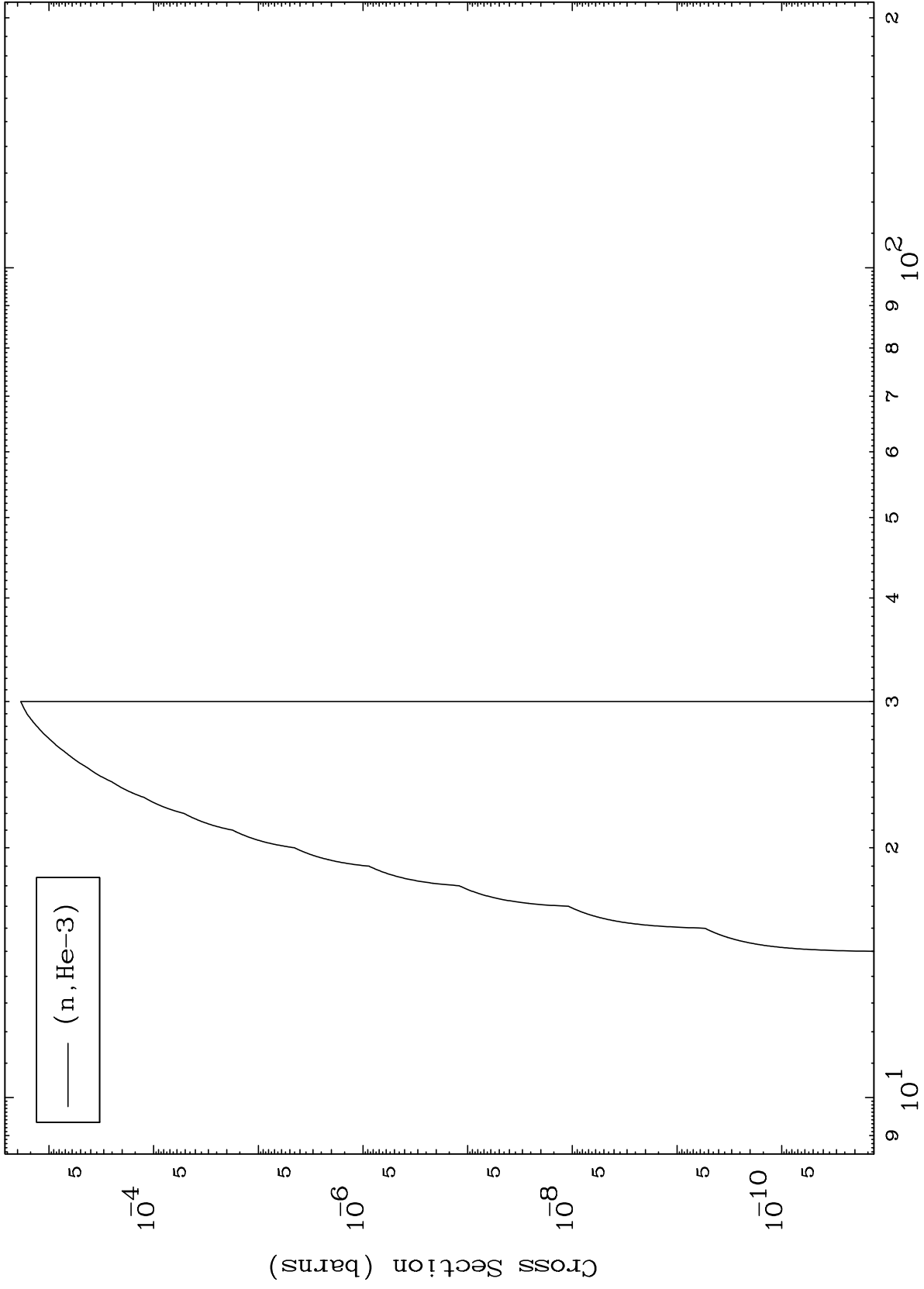
Incident Energy (MeV)

44-Ru-101

MAT 4440

(n,He3) Levels
293 Kelvin Cross Sections

44-Ru-101



13

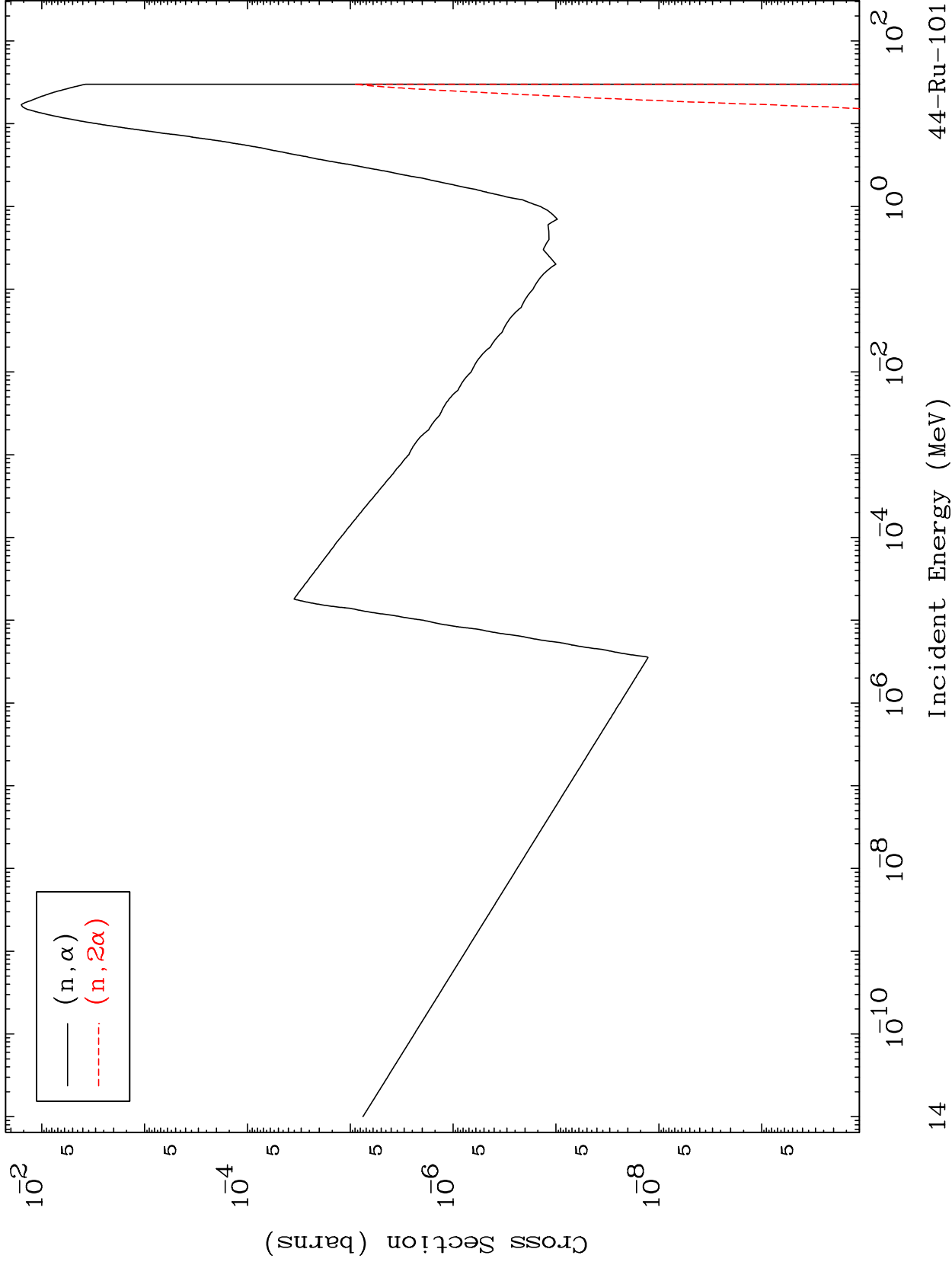
Incident Energy (MeV)

44-Ru-101

MAT 4440

(n, α) Levels
293 Kelvin Cross Sections

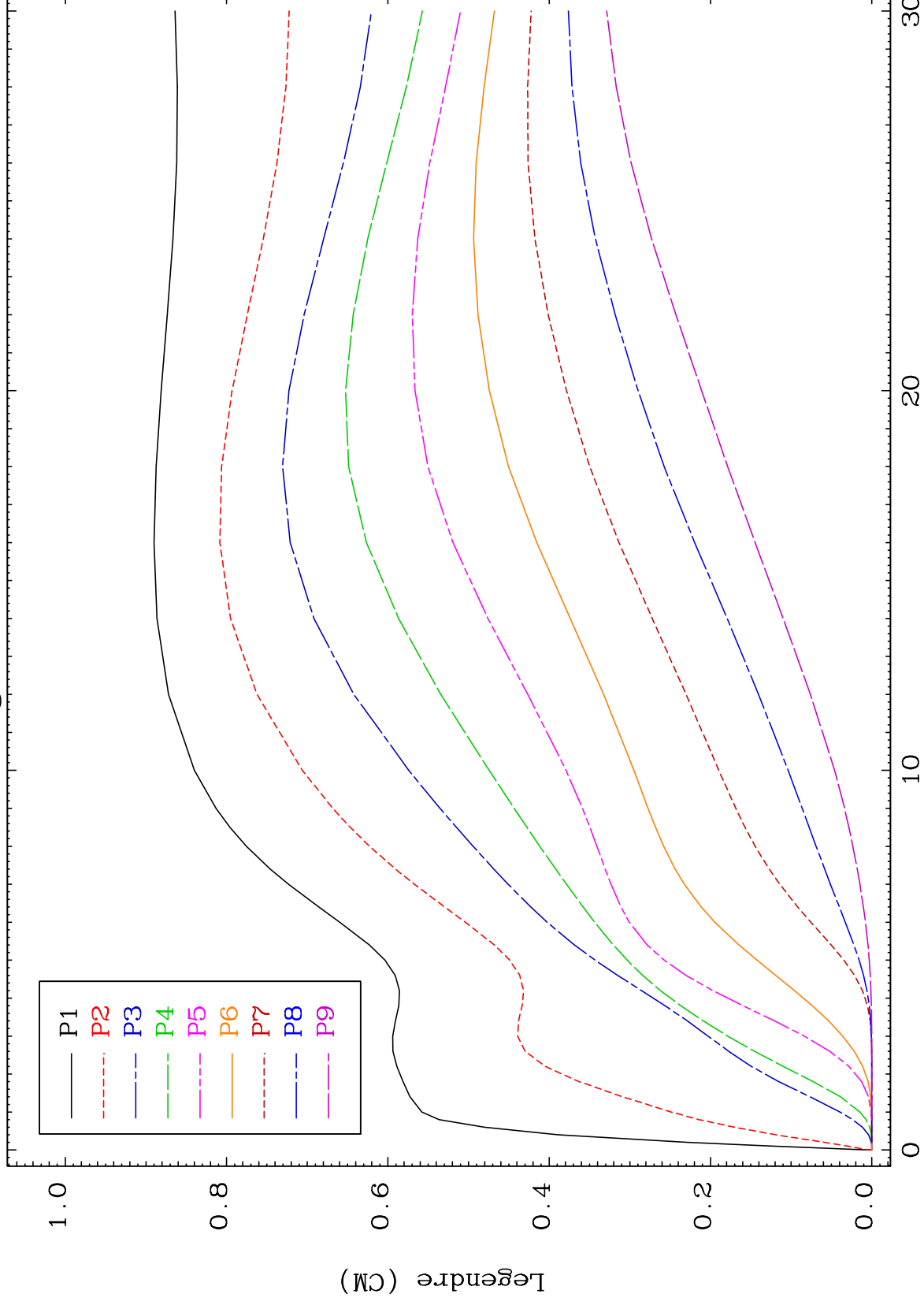
44-Ru-101



MAT 4440

Elastic Legendre Coefficients

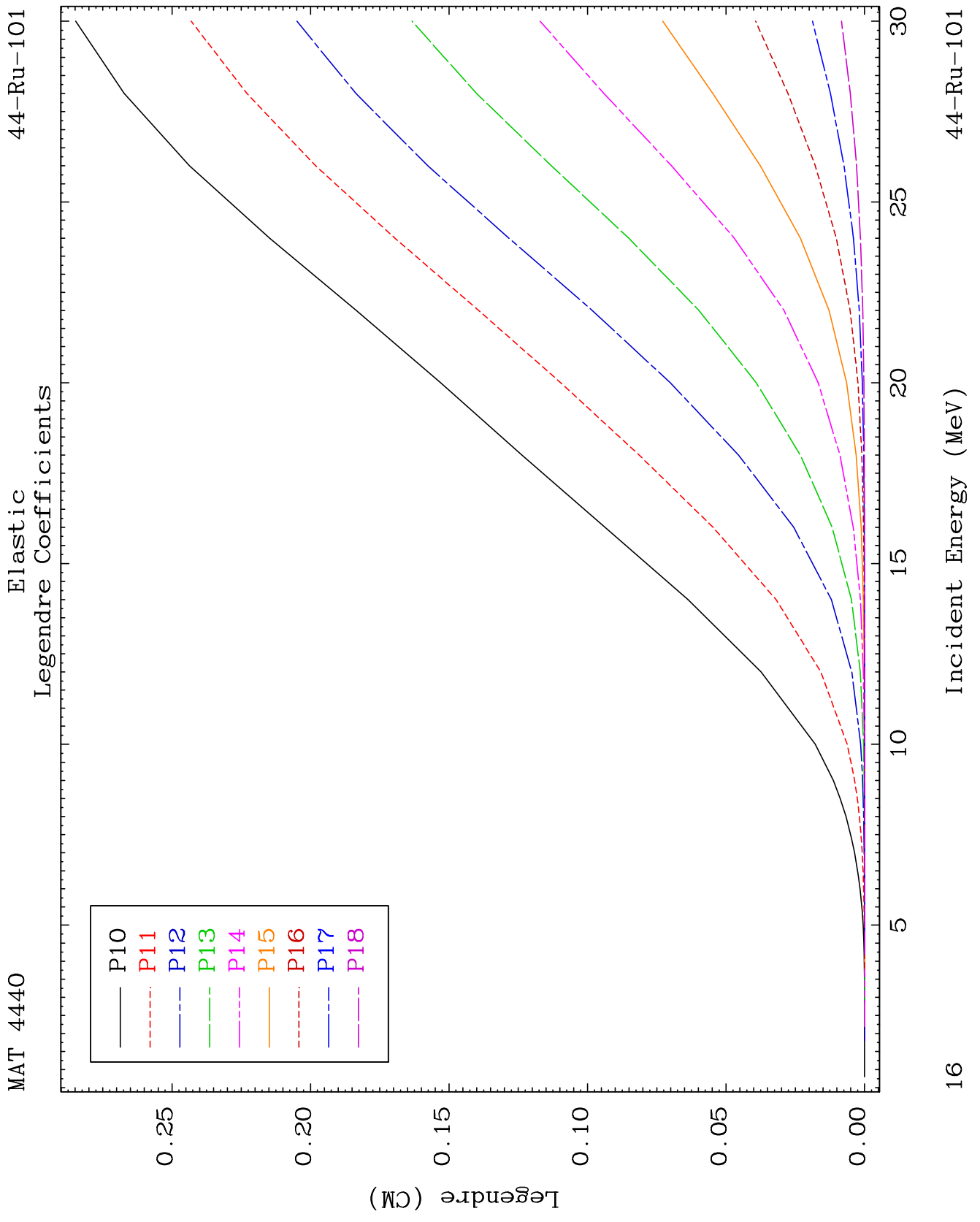
44-Ru-101



15

Incident Energy (MeV)

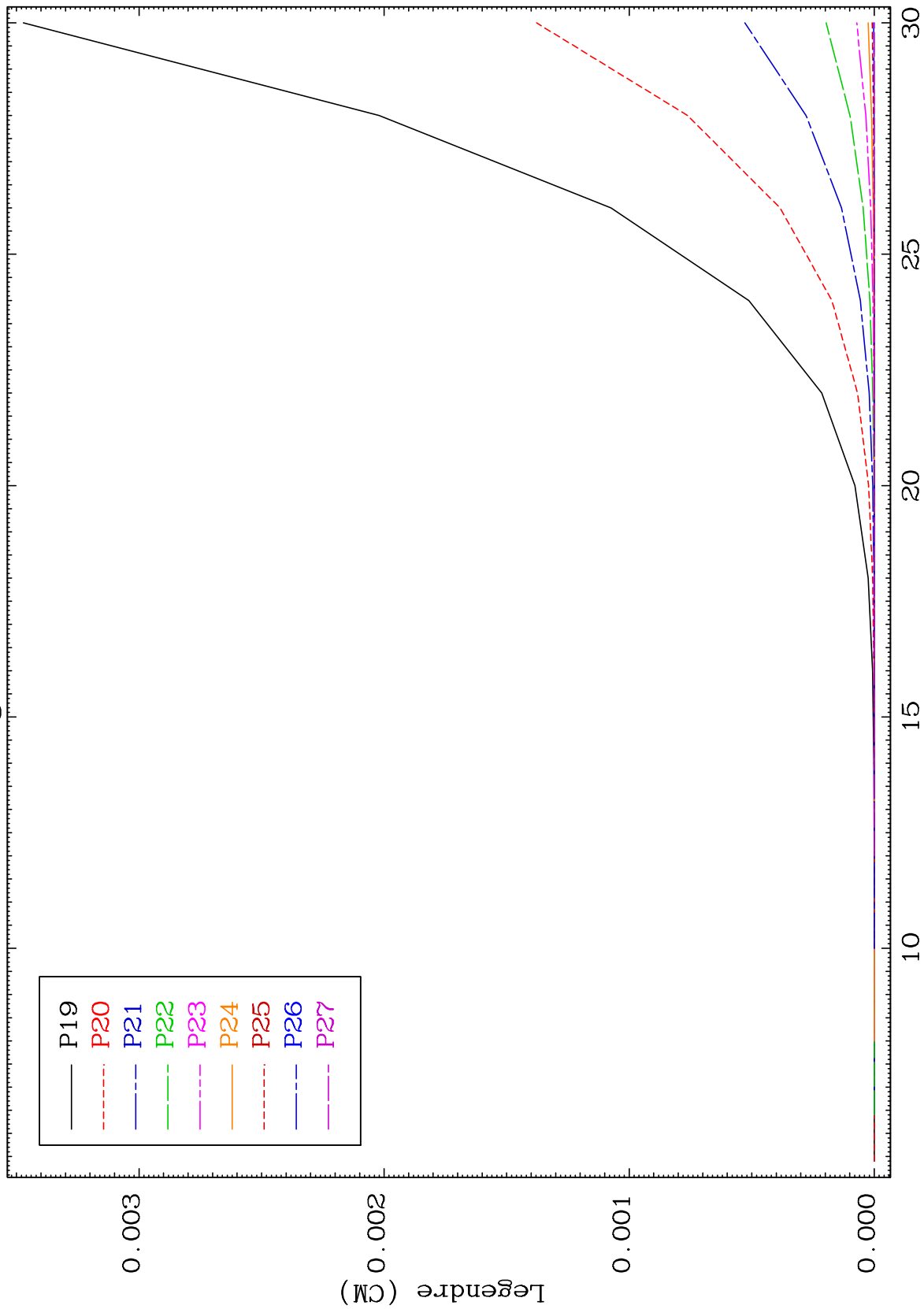
44-Ru-101



MAT 4440

Elastic Legendre Coefficients

44-Ru-101



17

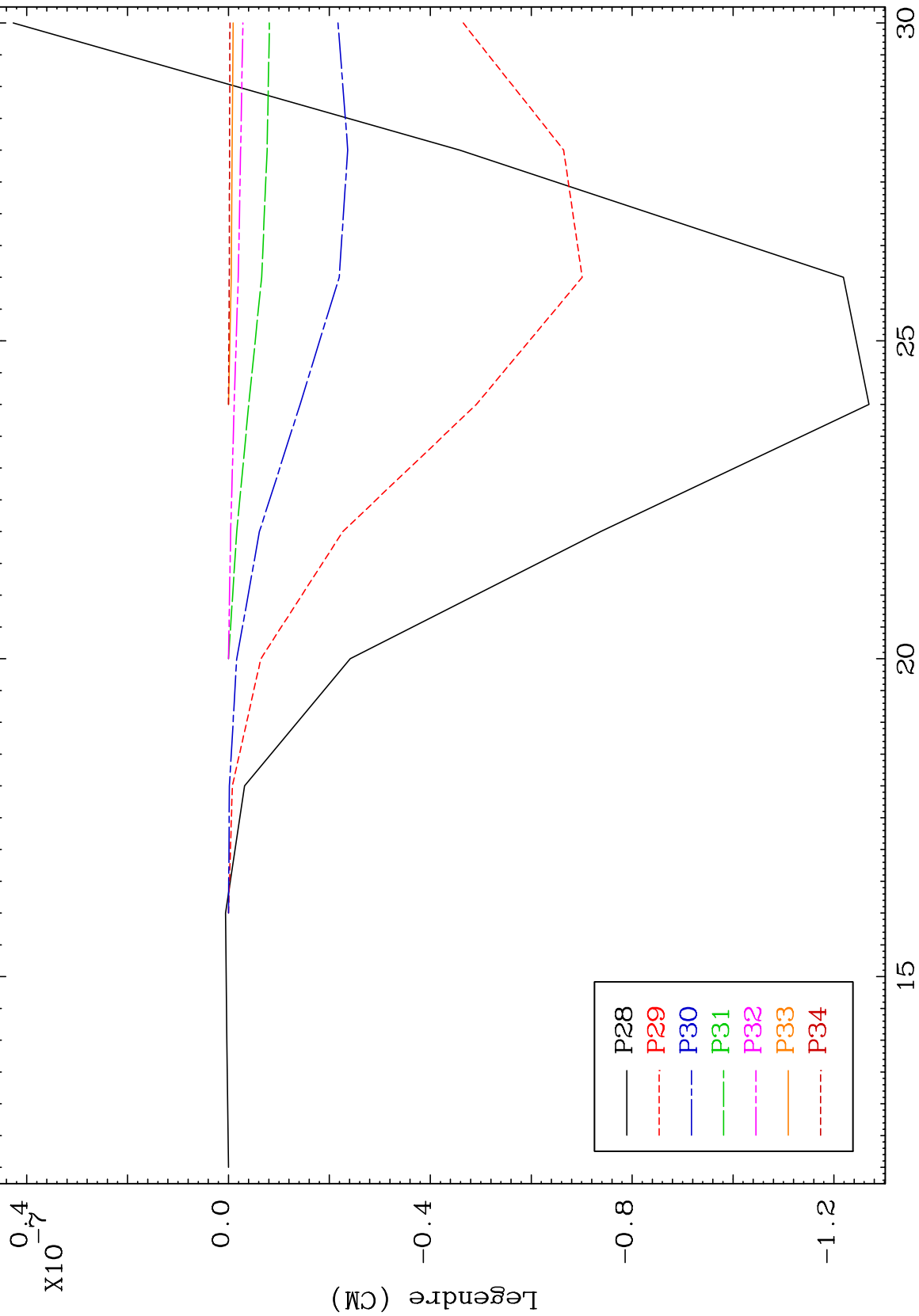
Incident Energy (MeV)

44-Ru-101

MAT 4440

Elastic Legendre Coefficients

44-Ru-101



18

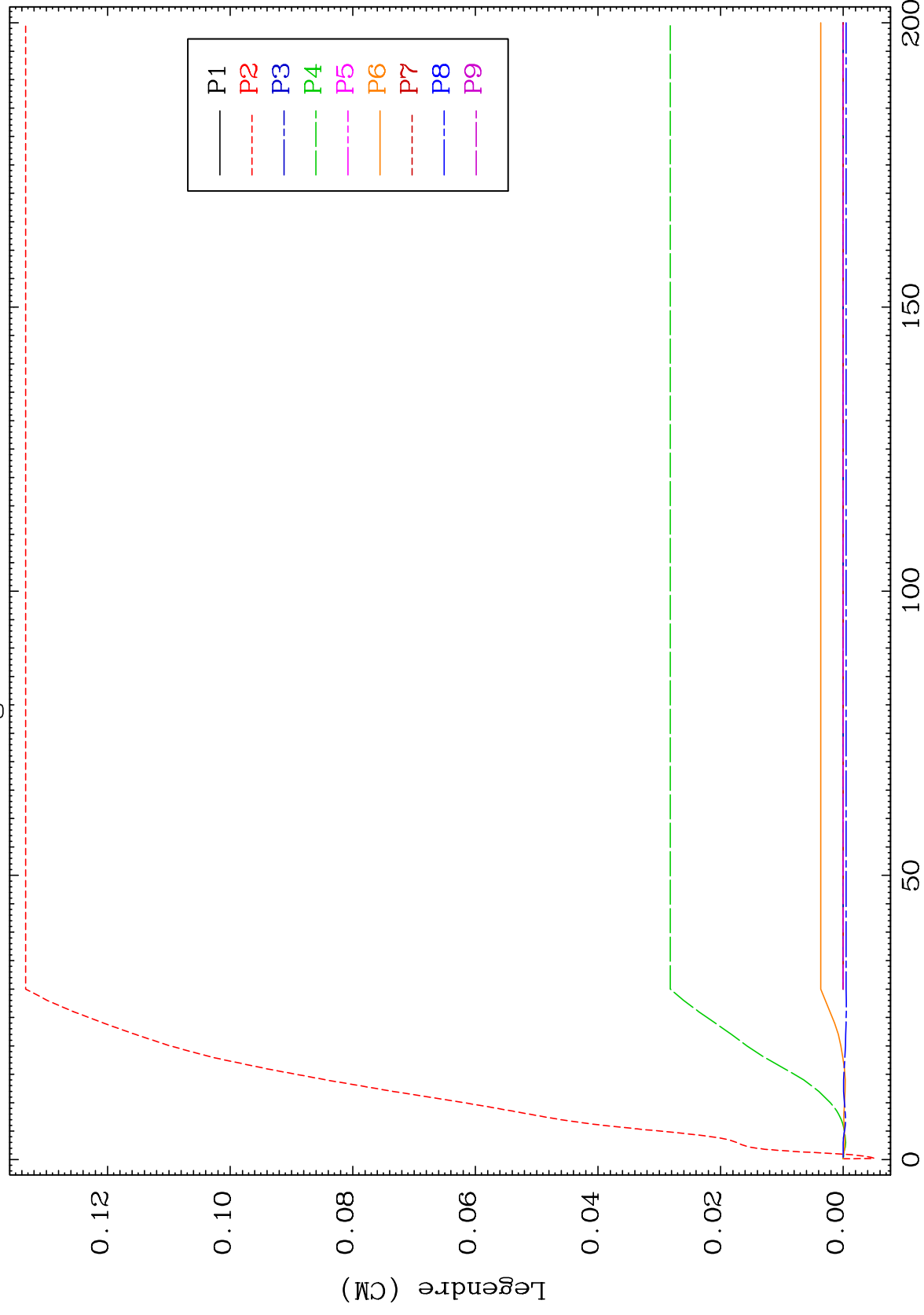
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



19

Incident Energy (MeV)

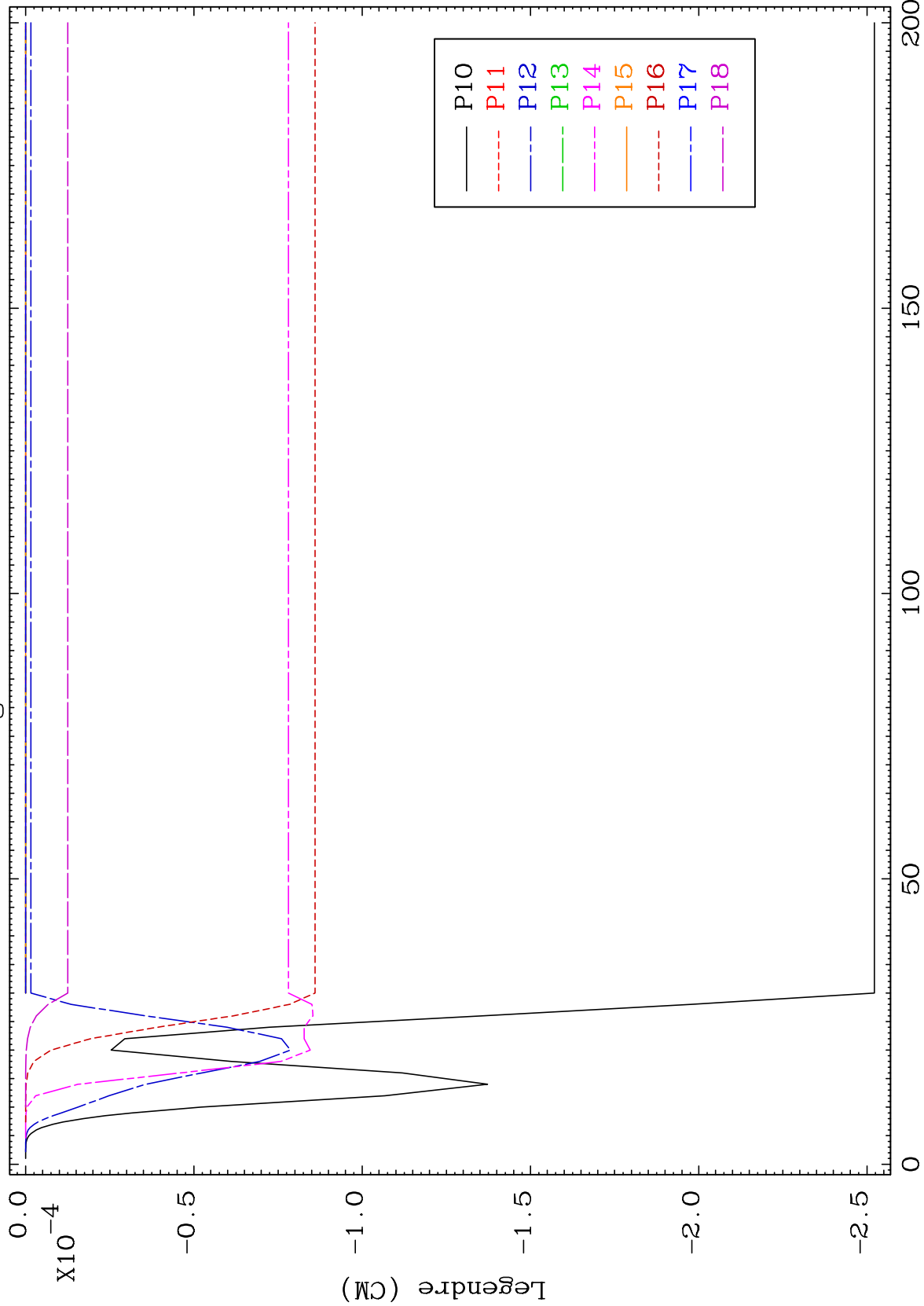
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MAT 4440

MT= 51 (n,n') Level

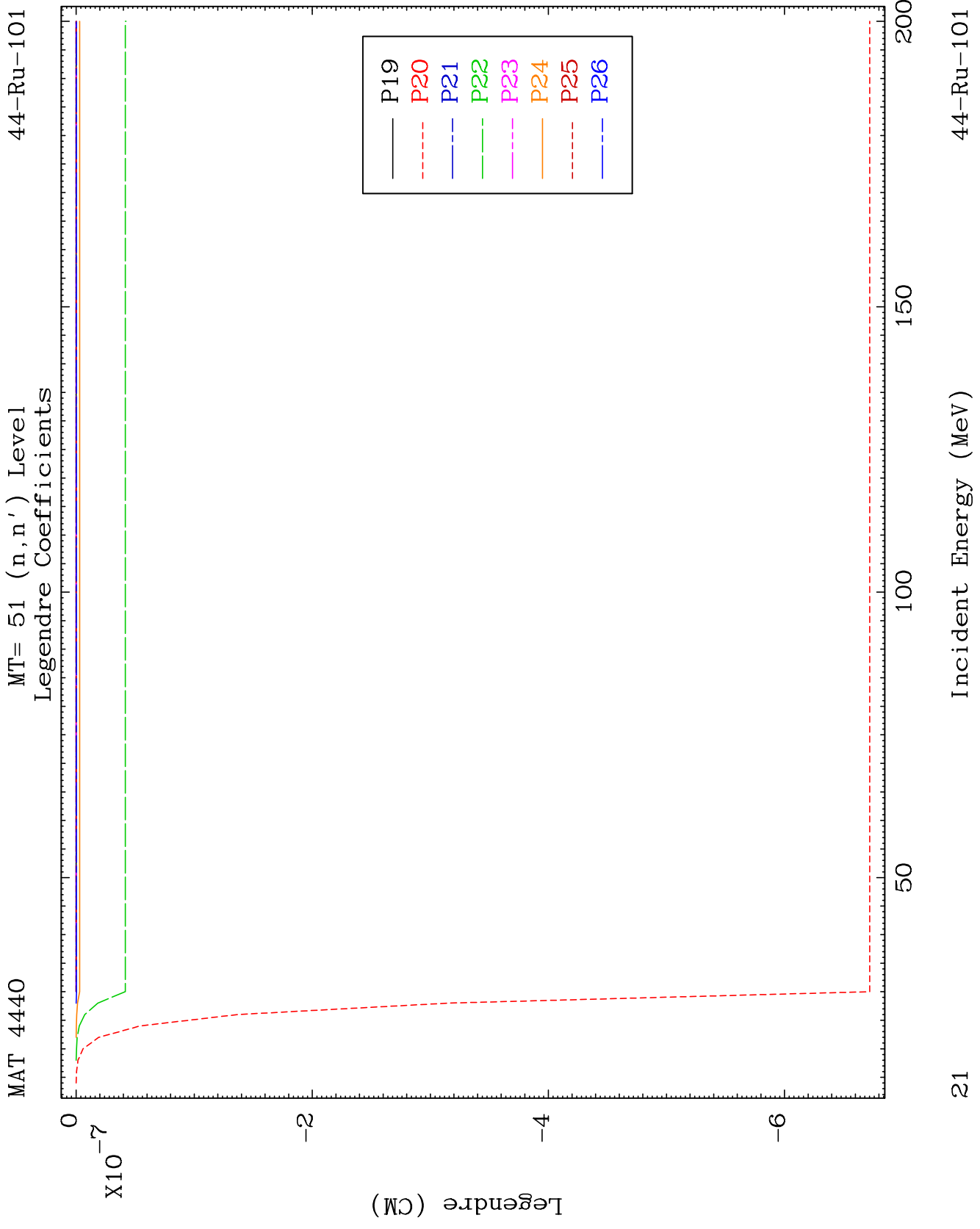
44-Ru-101

Legendre Coefficients



Incident Energy (MeV)

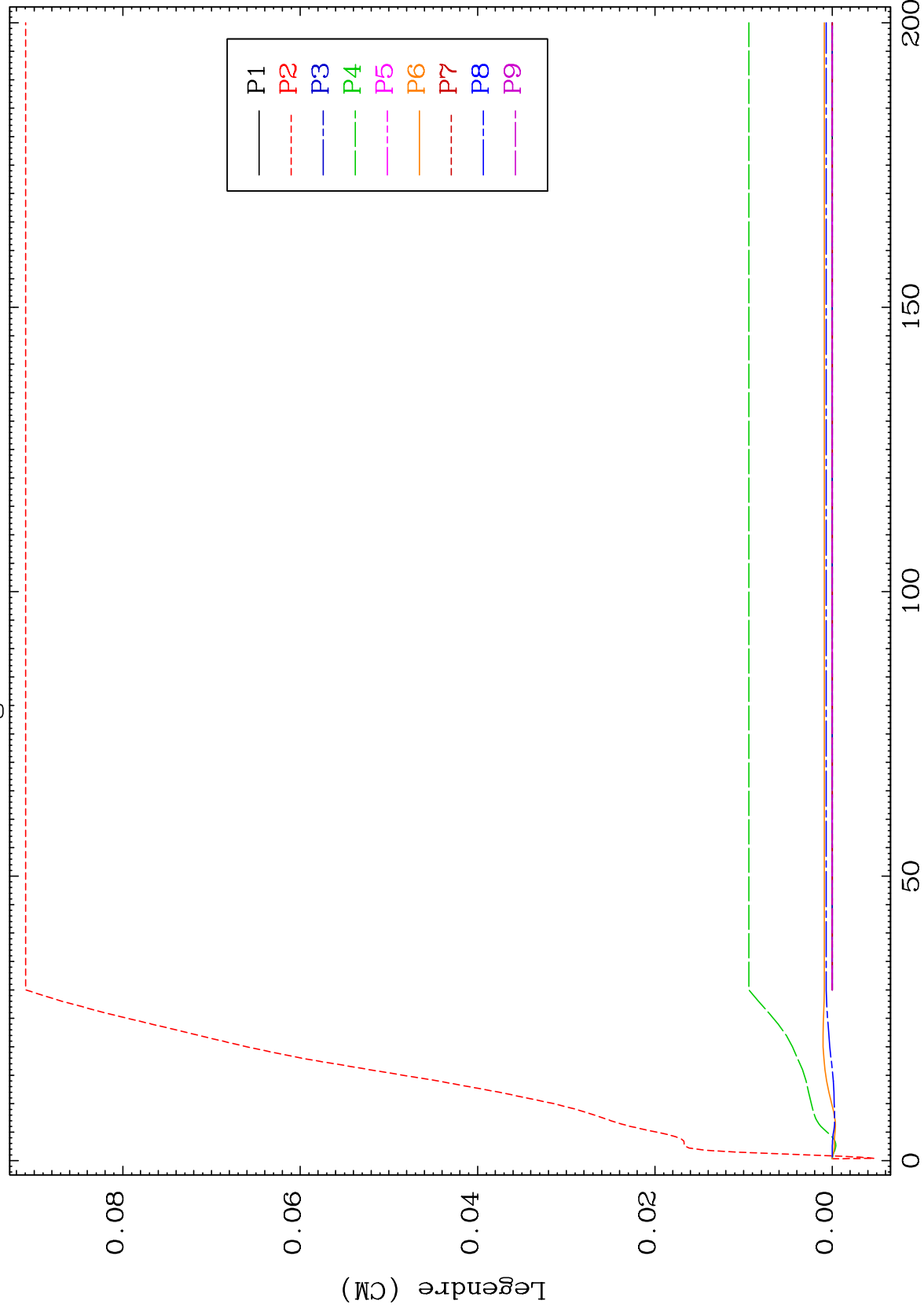
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MAT 4440

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

44-Ru-101



22

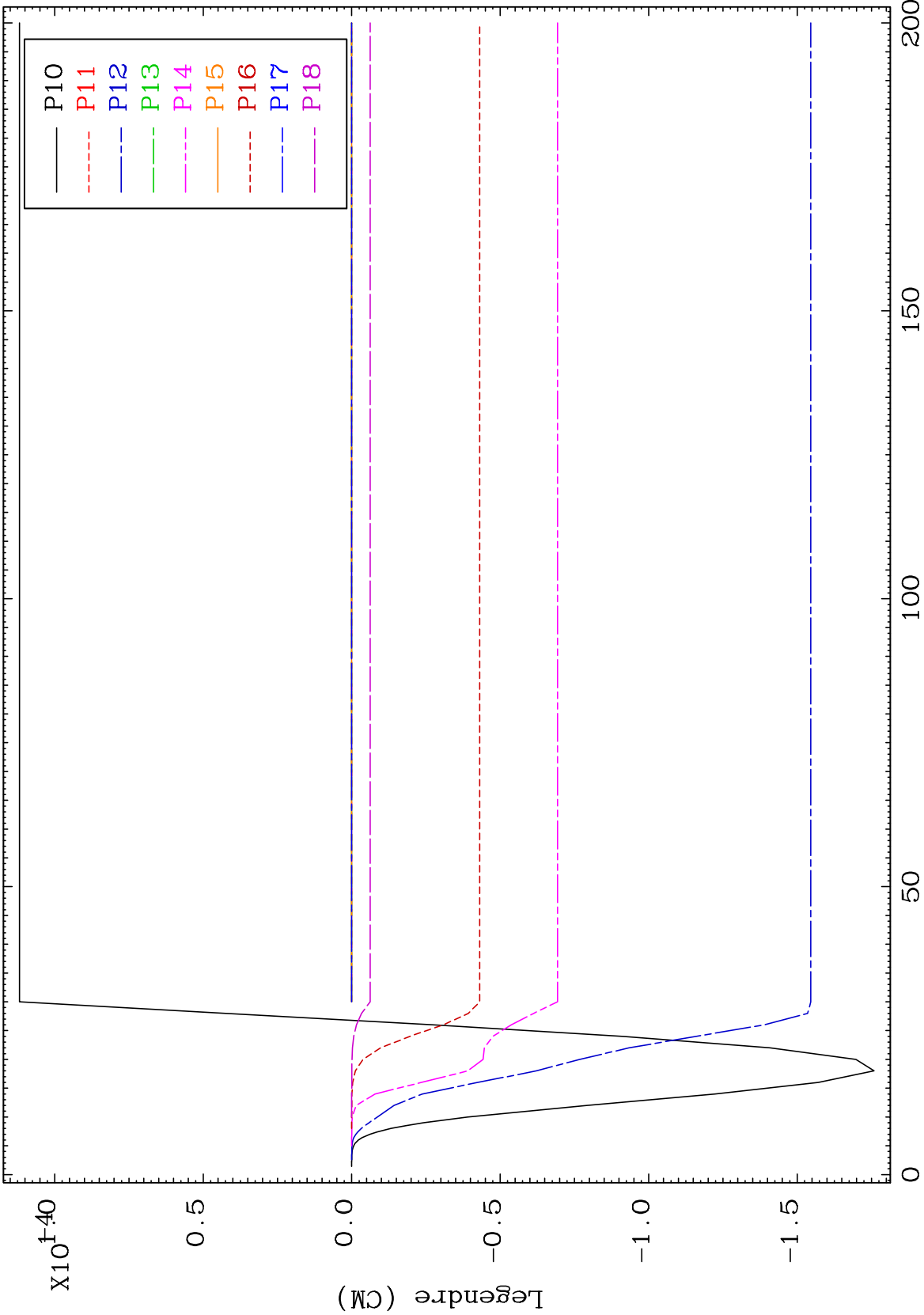
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

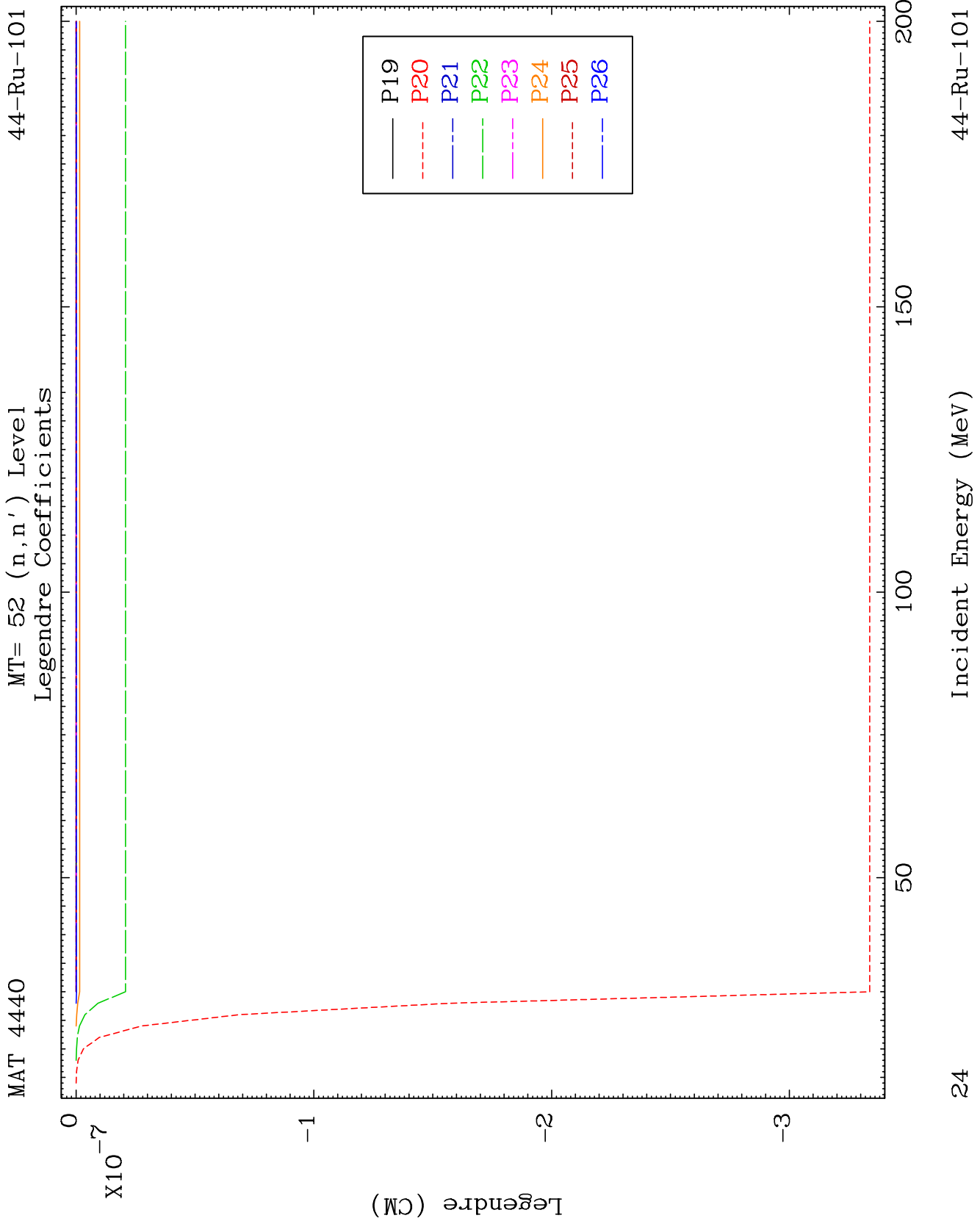
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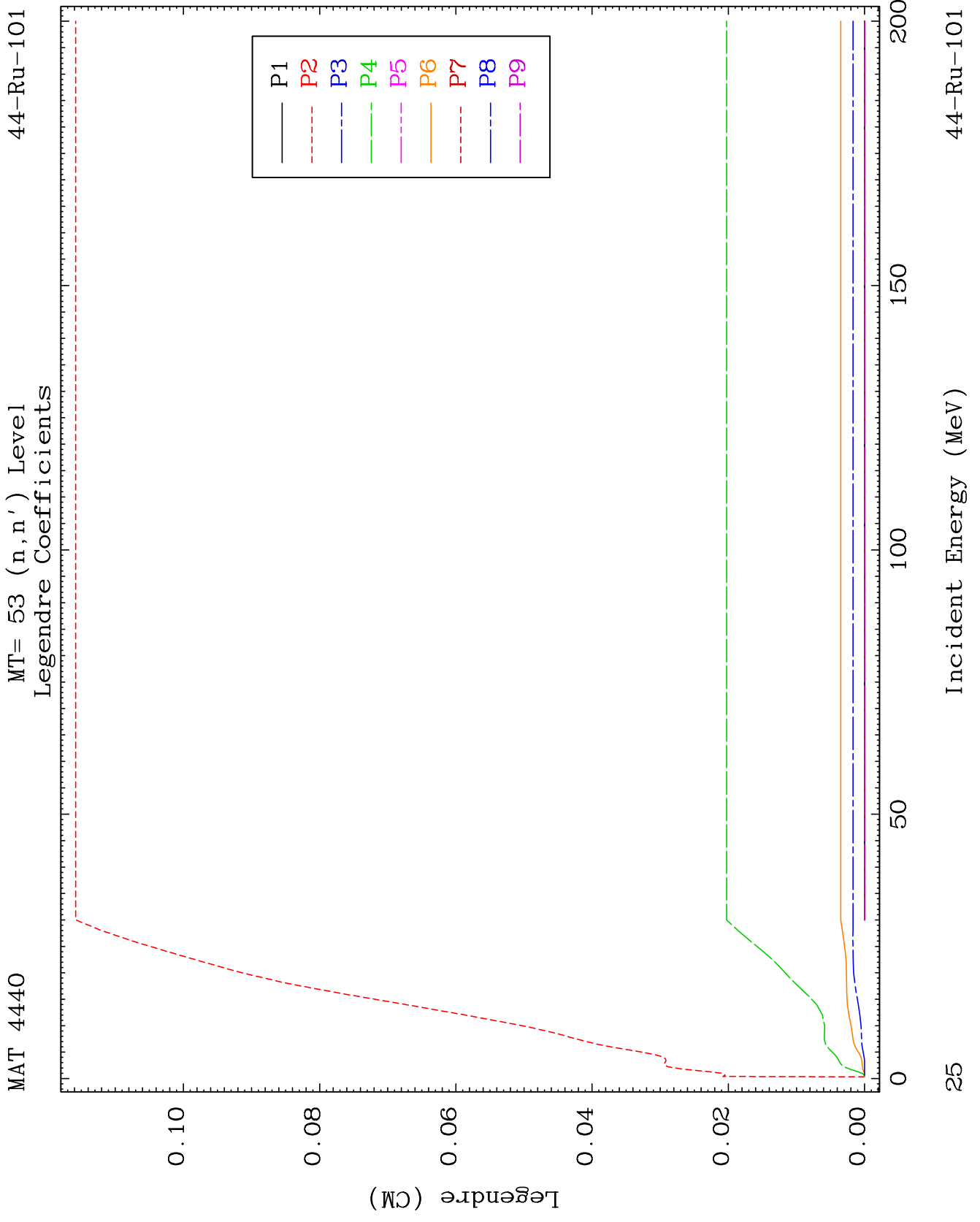


23

Incident Energy (MeV)

44-Ru-101

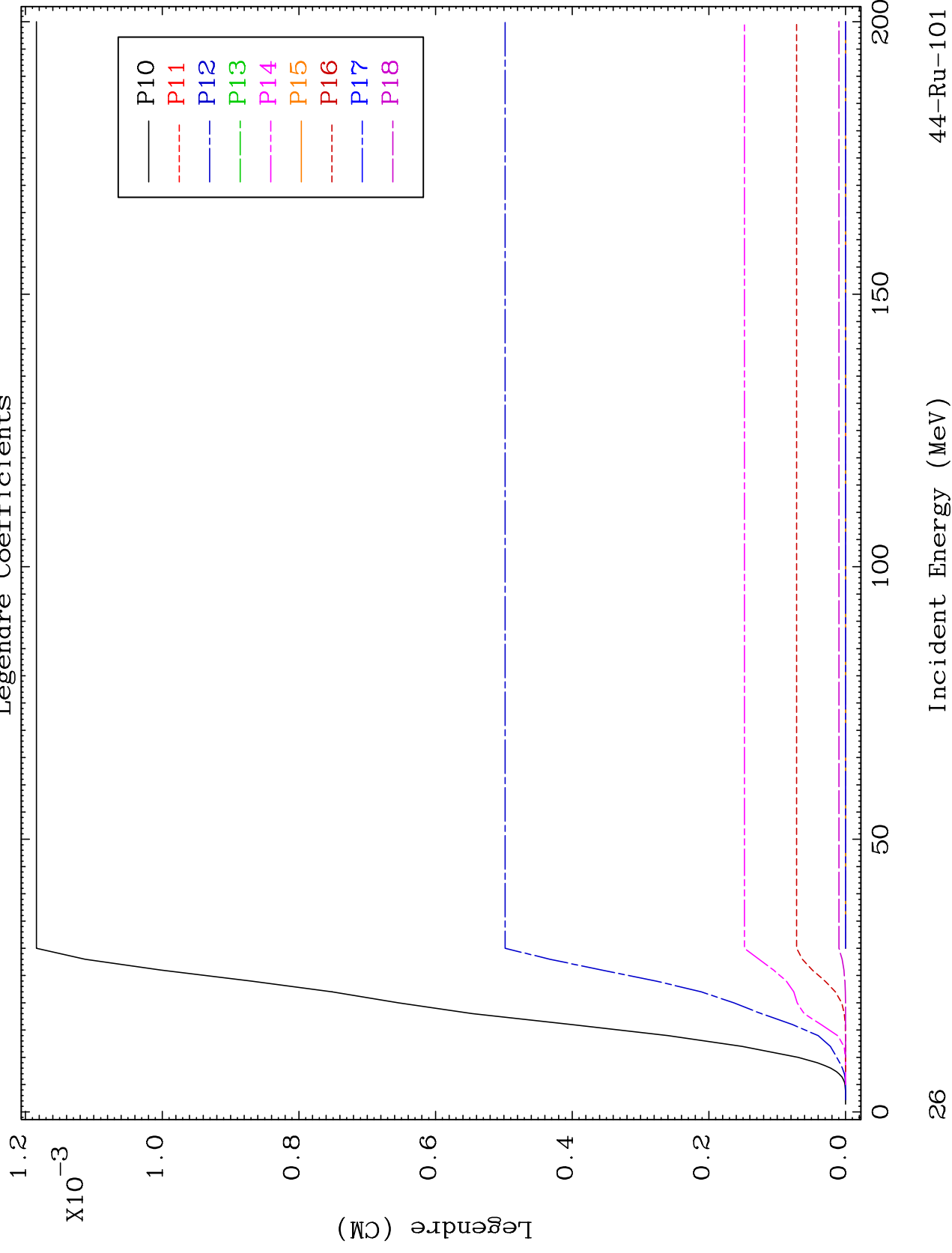




MAT 4440

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

44-Ru-101

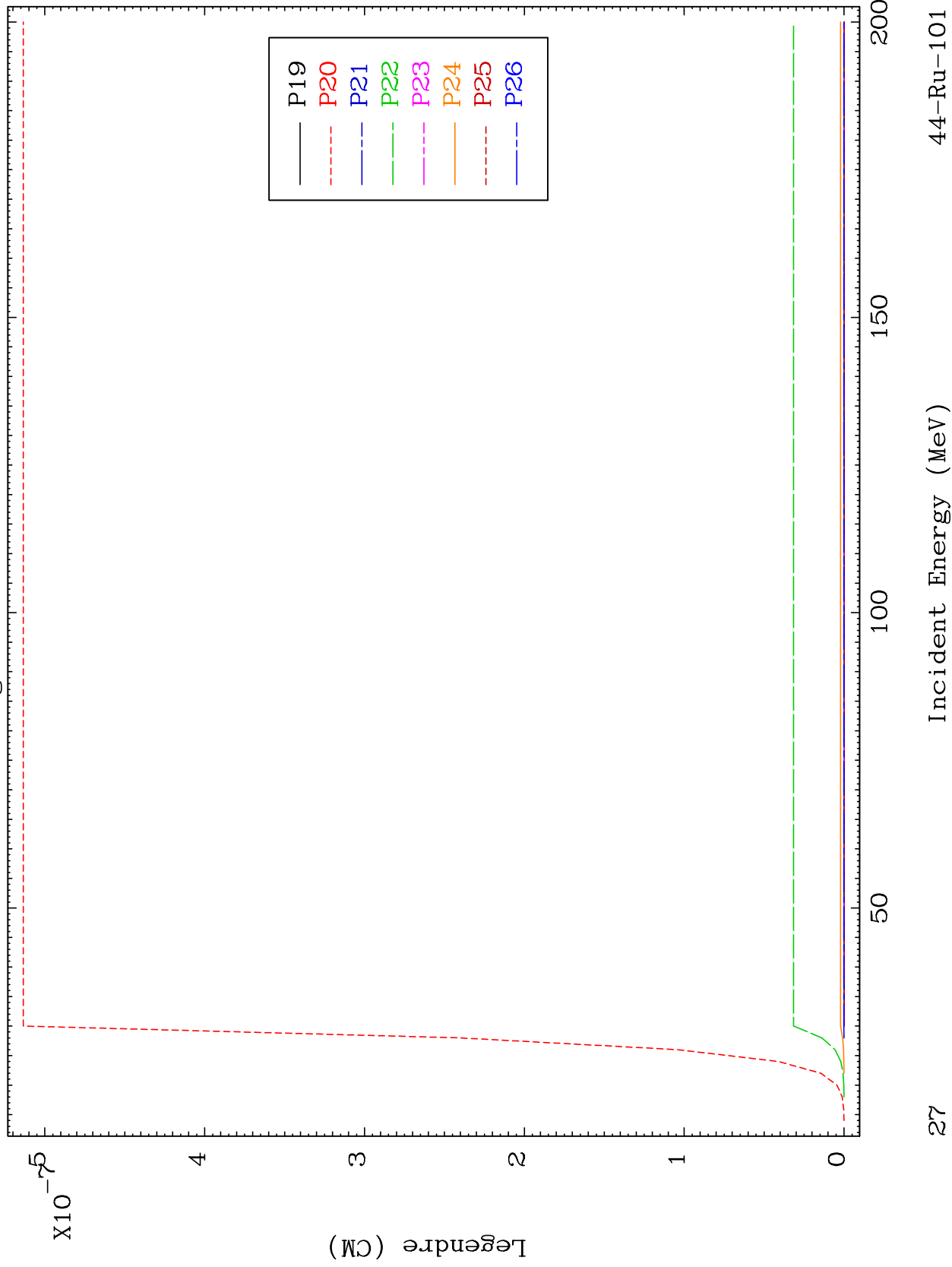


26

MAT 4440

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

44-Ru-101

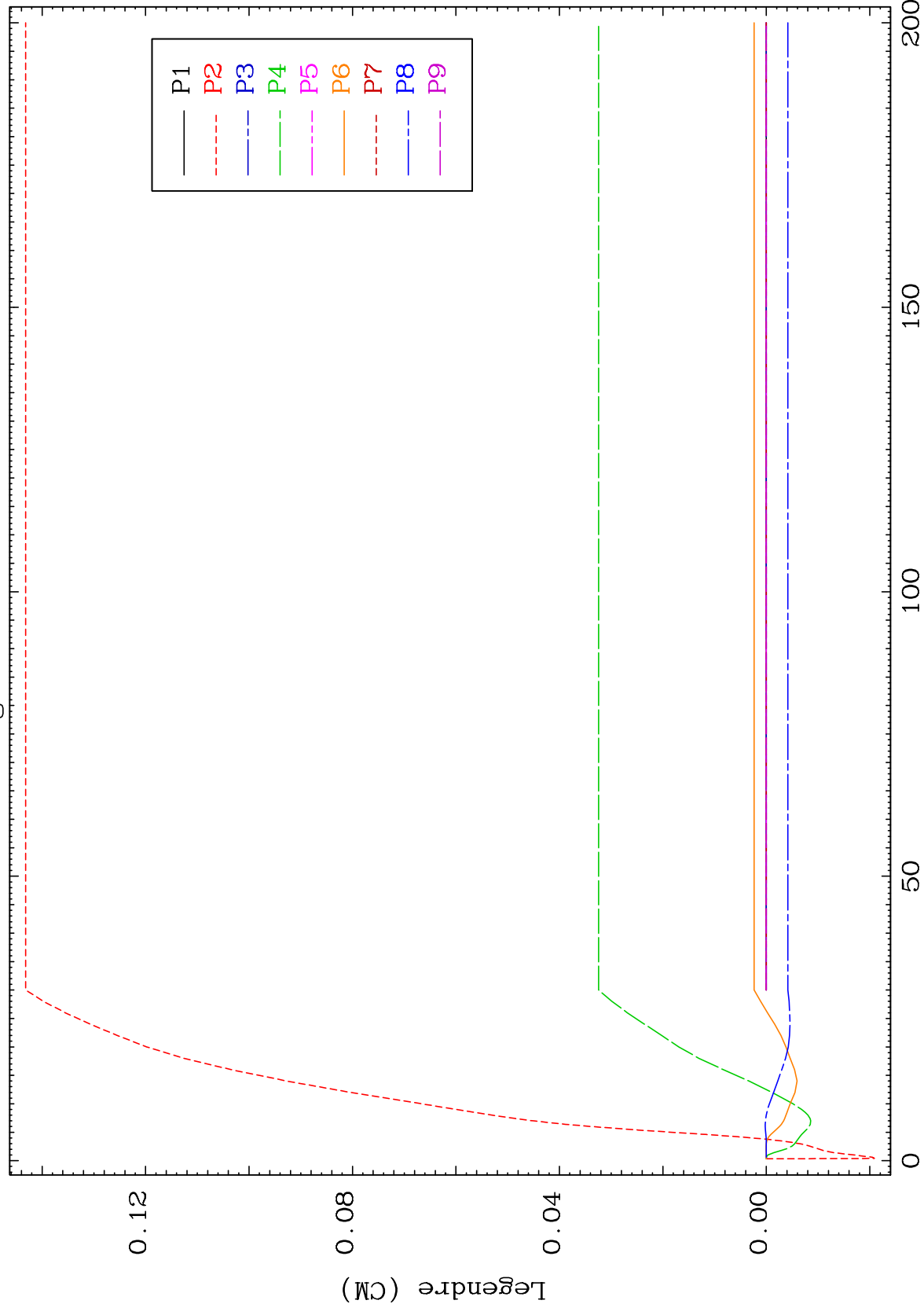


27

MAT 4440

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

44-Ru-101



28

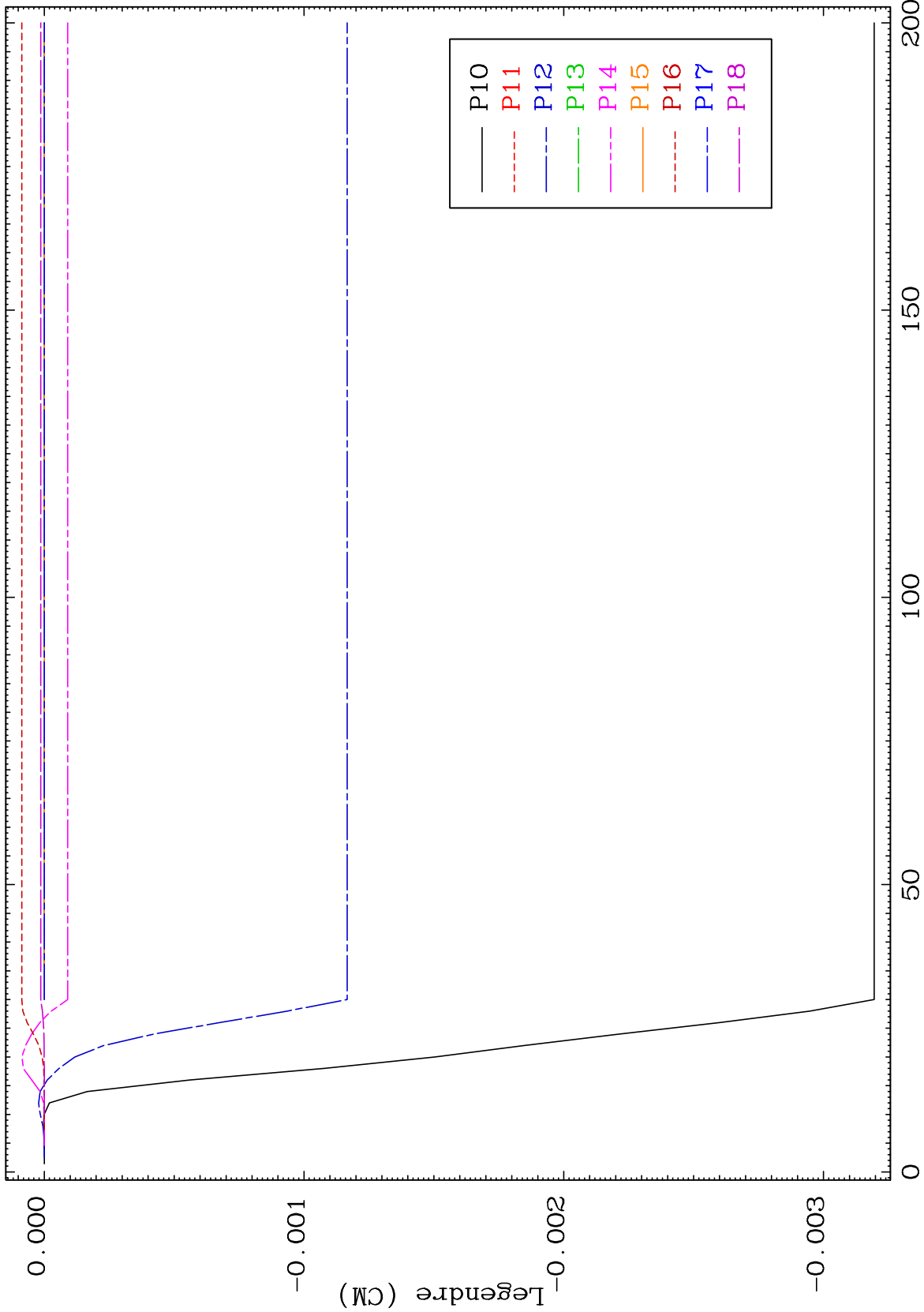
Incident Energy (MeV)

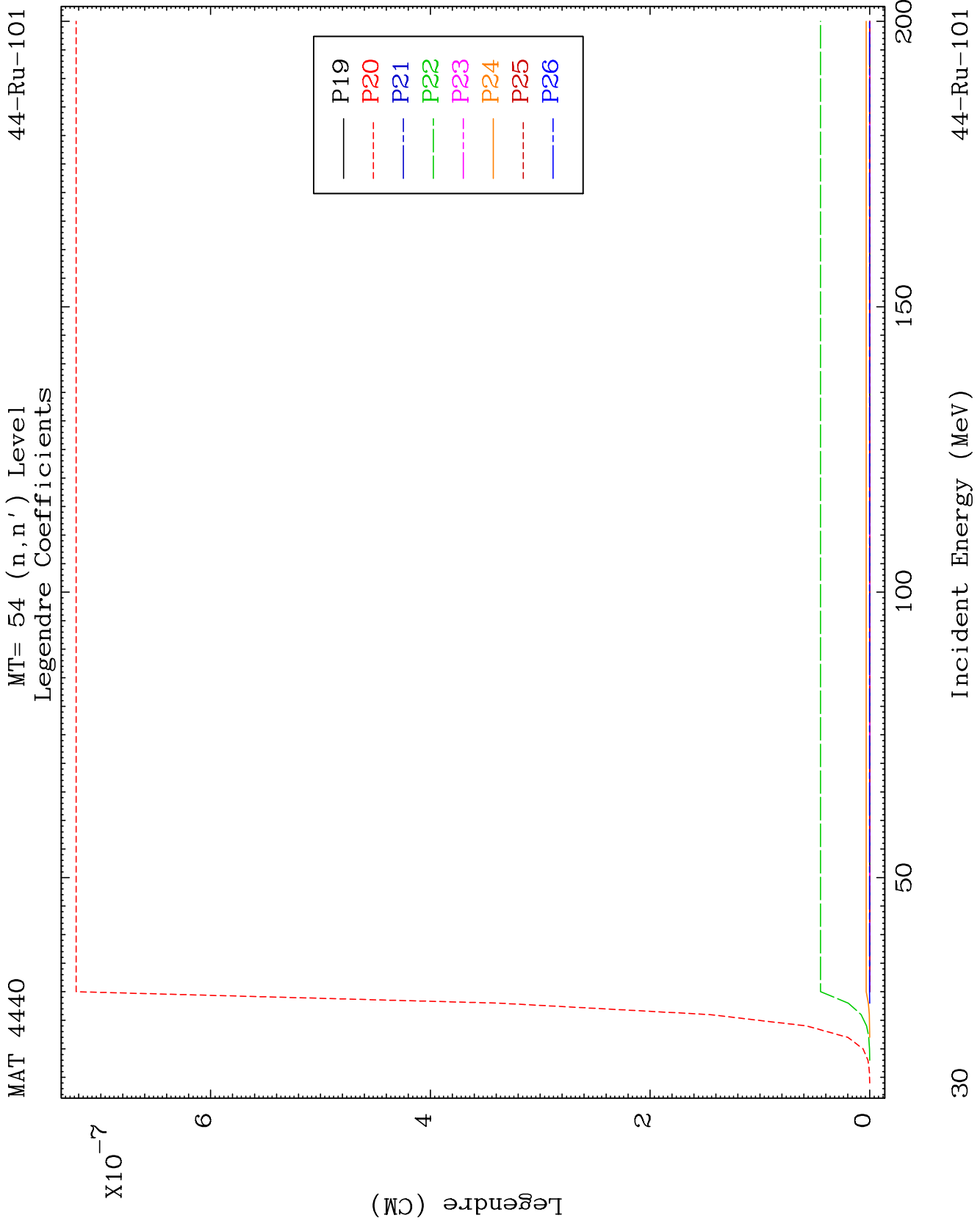
44-Ru-101

MAT 4440

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

44-Ru-101

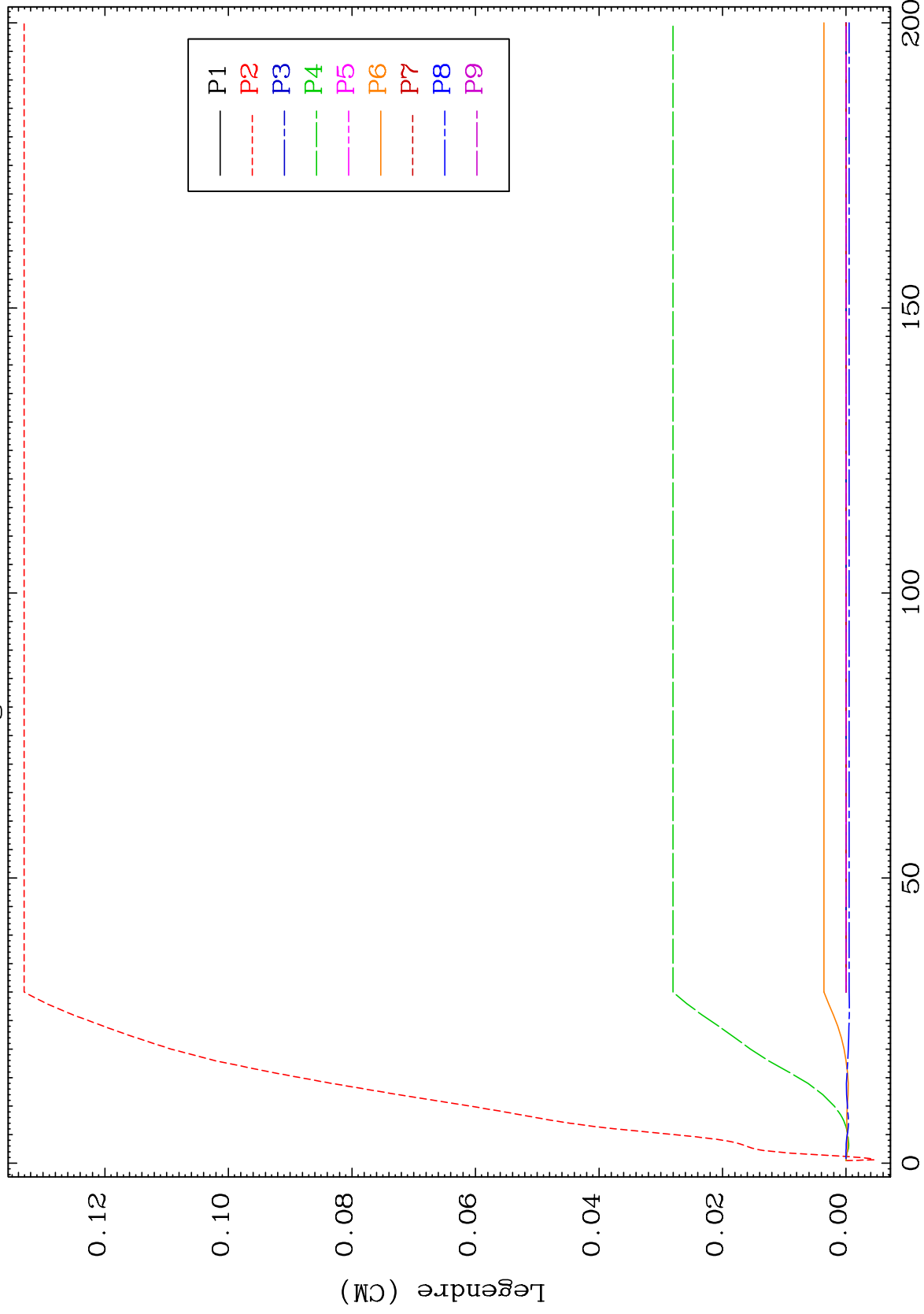




MAT 4440

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

44-Ru-101



31

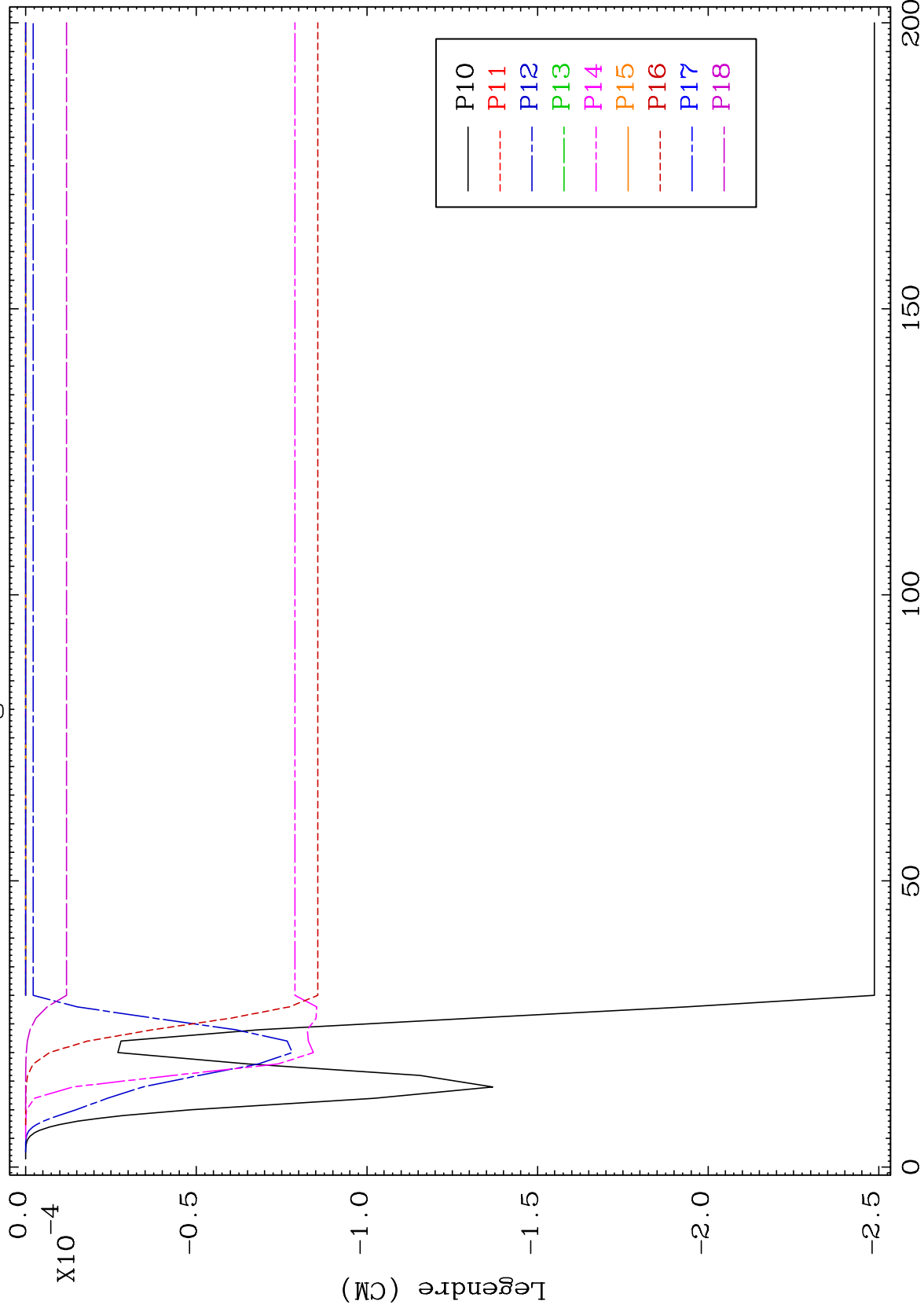
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



32

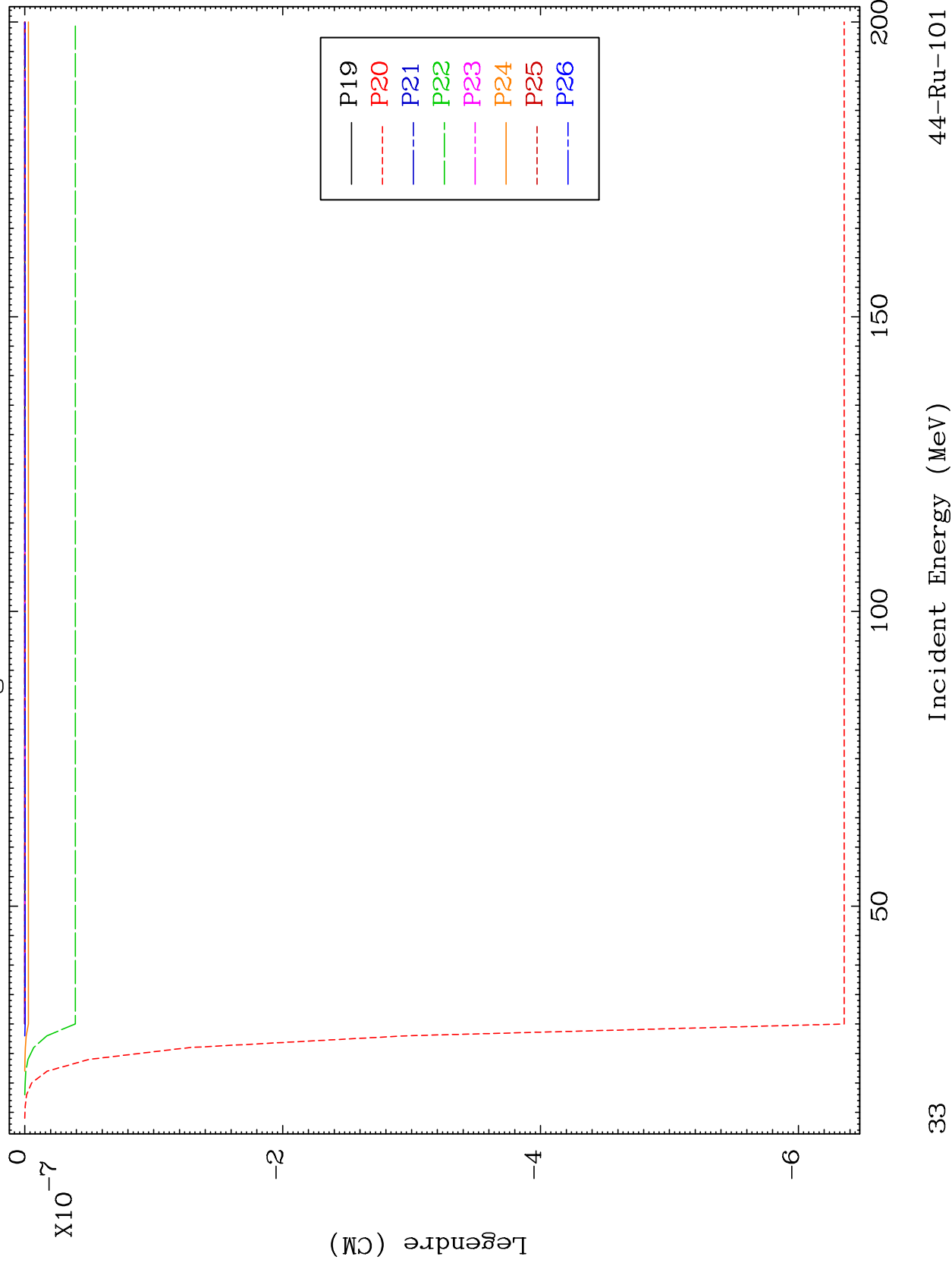
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



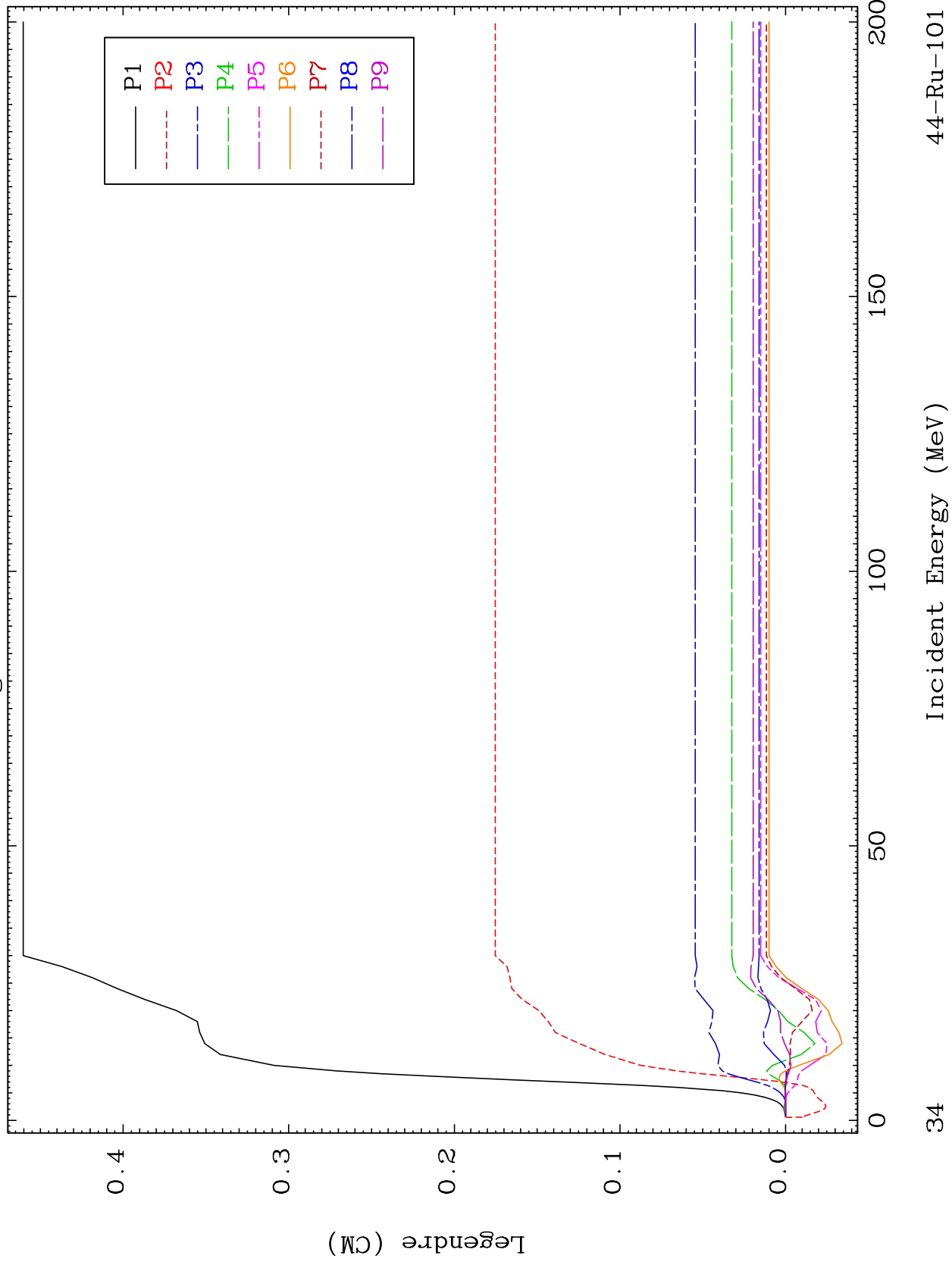
33

44-Ru-101

MAT 4440

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

44-Ru-101

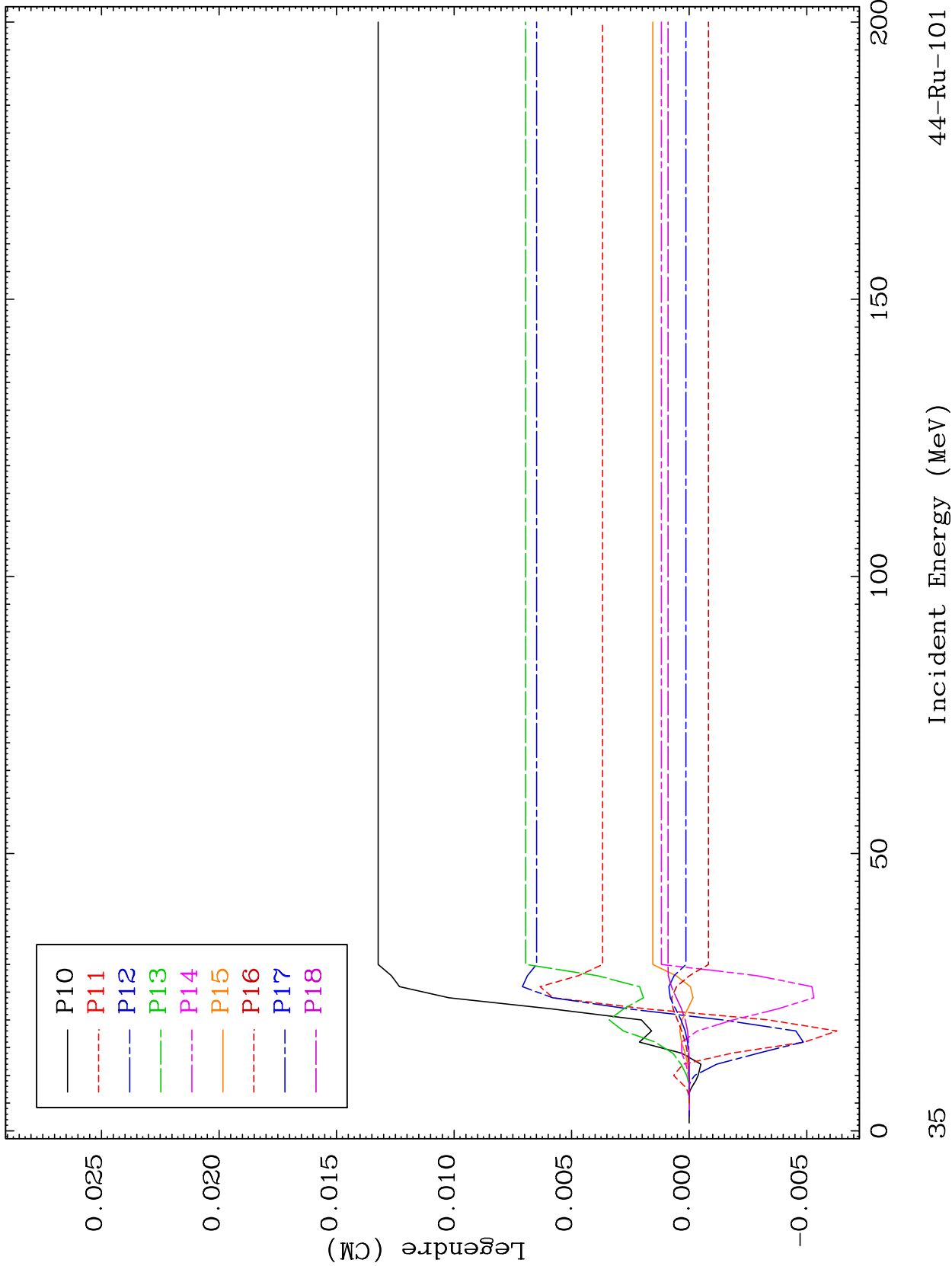


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MAT 4440

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

44-Ru-101



44-Ru-101

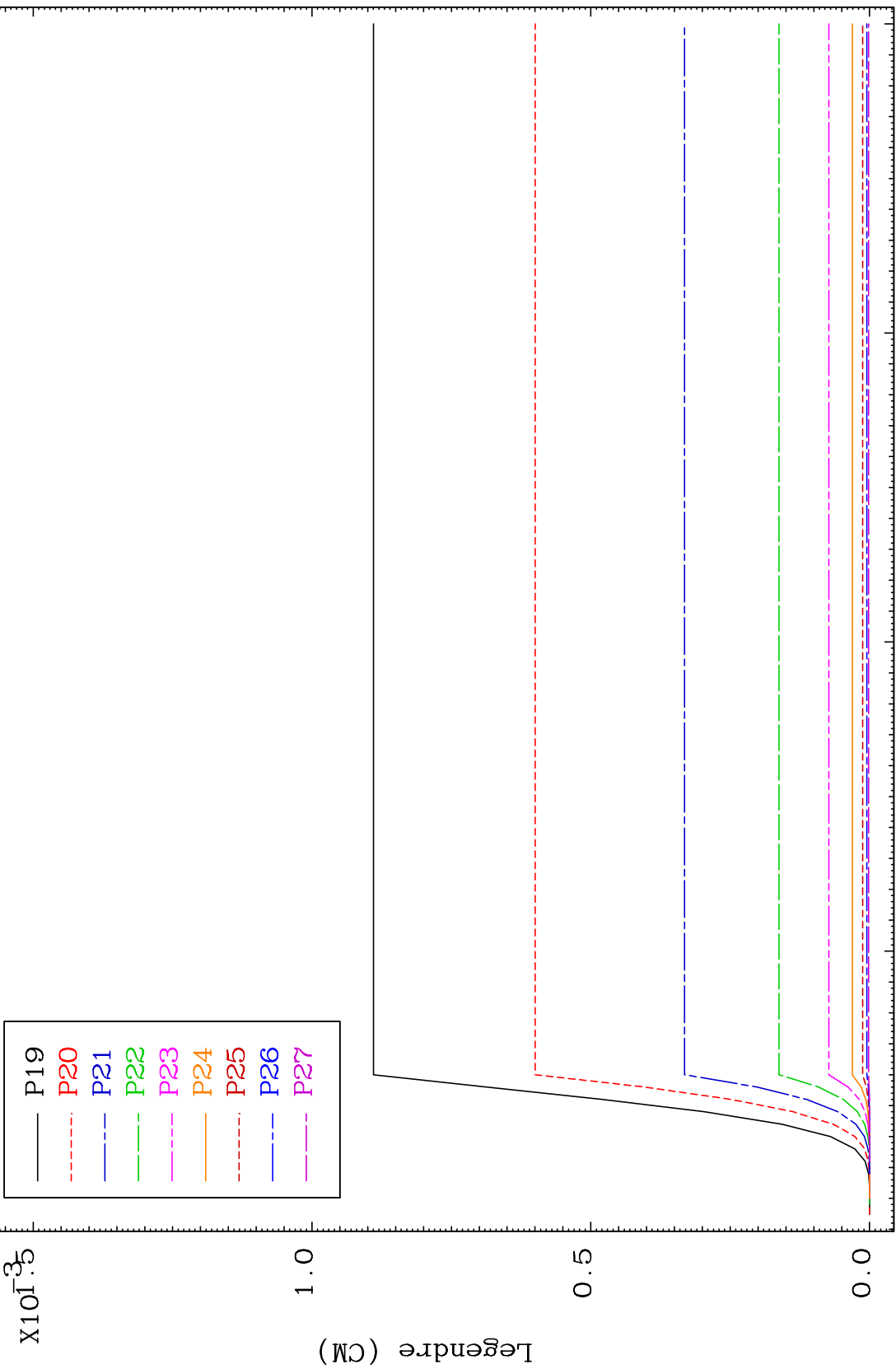
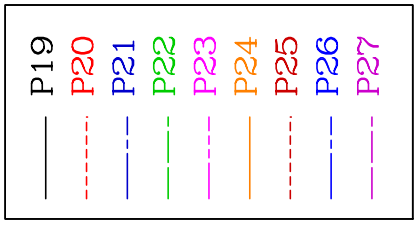
Incident Energy (MeV)

35

MAT 4440

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

44-Ru-101



36

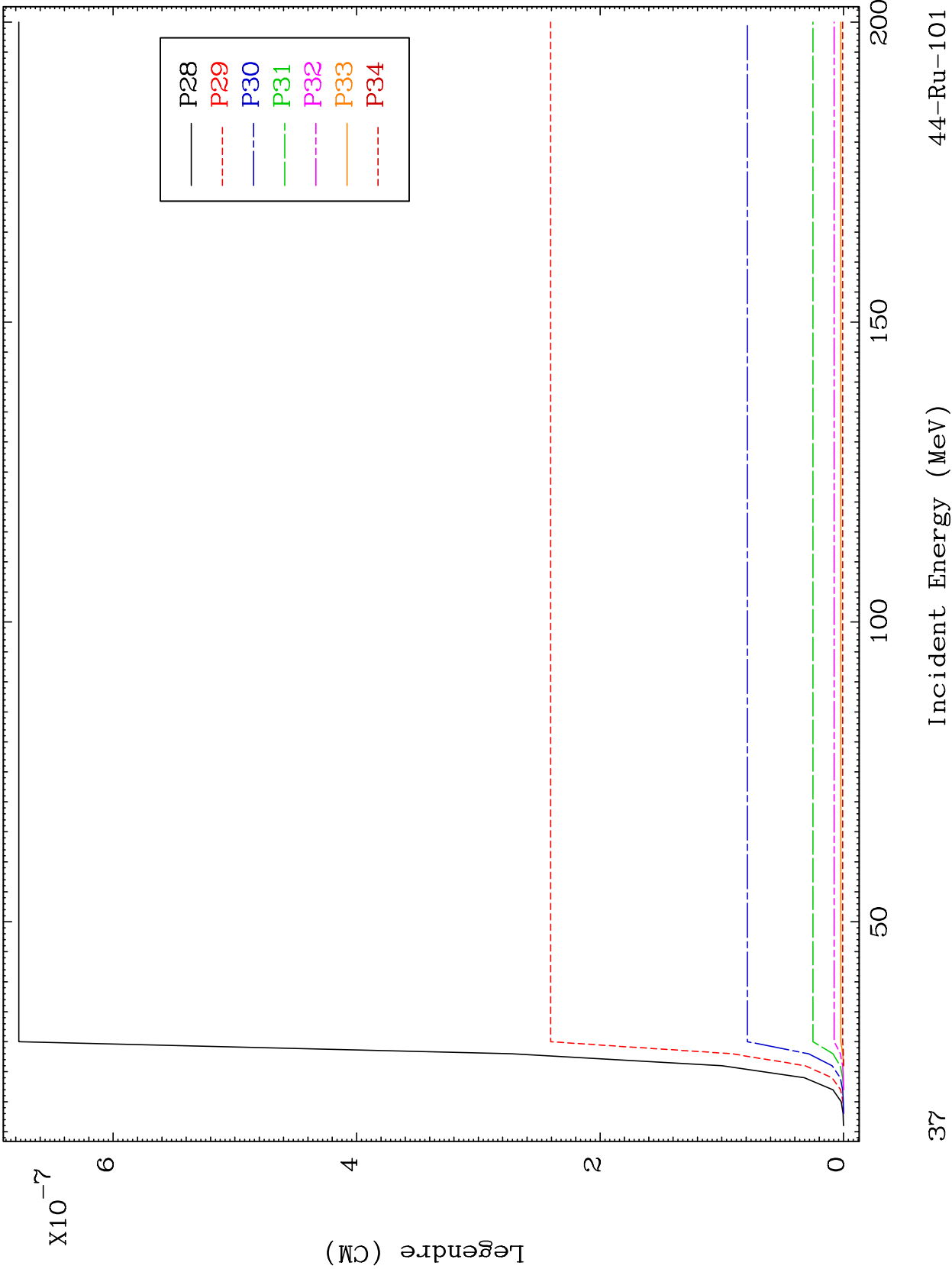
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101

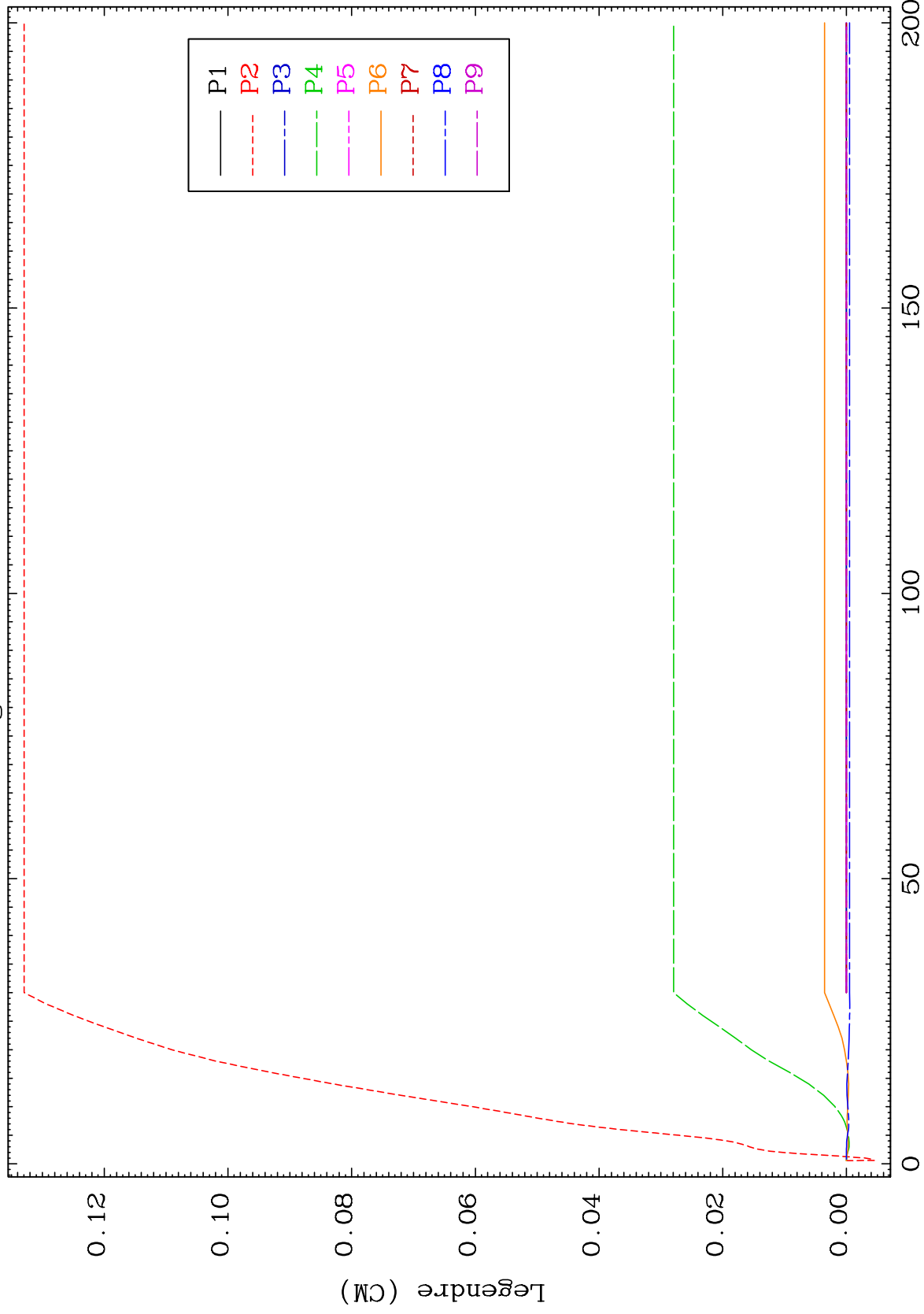


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MAT 4440

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

44-Ru-101



44-Ru-101

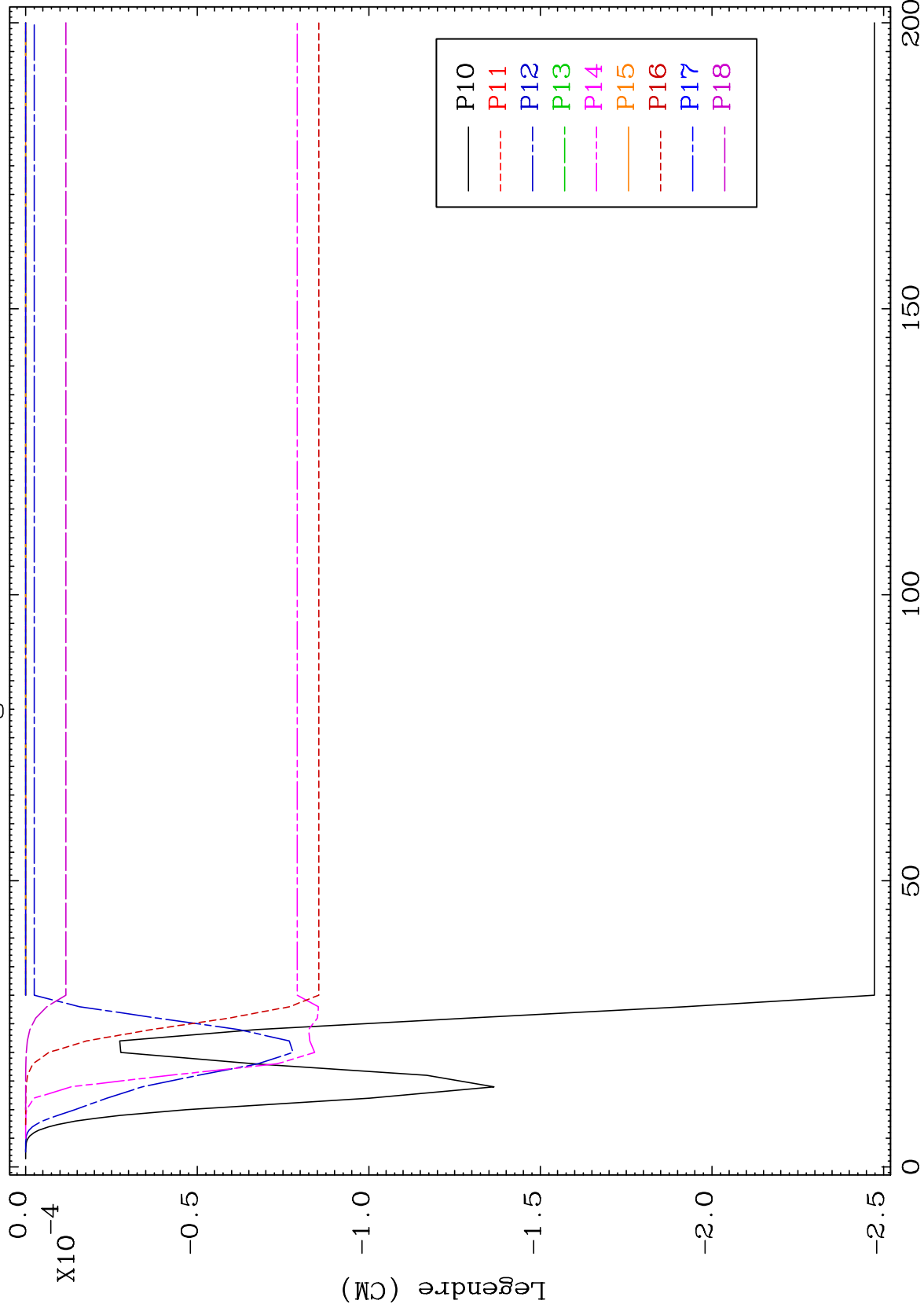
Incident Energy (MeV)

38

MAT 4440

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

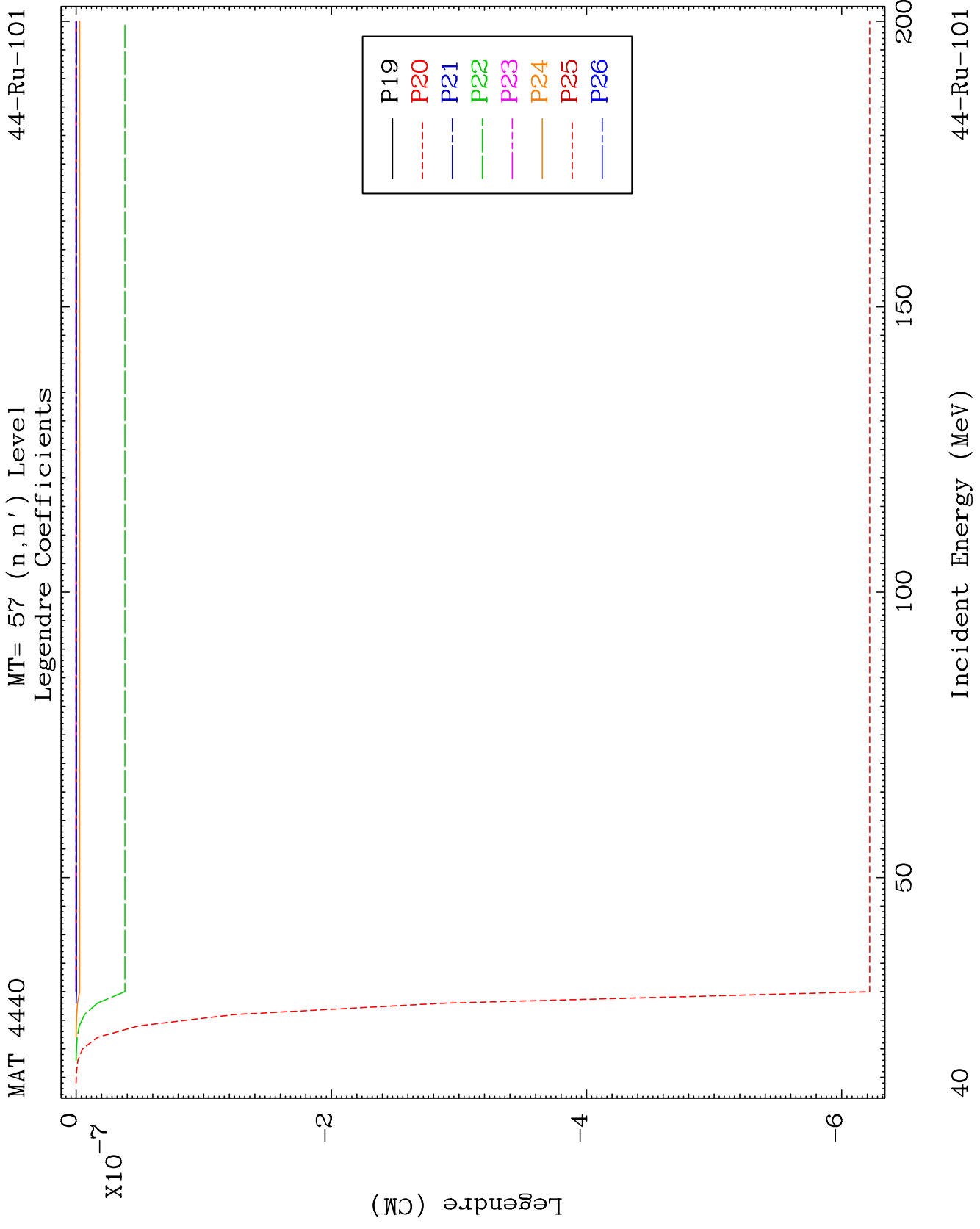
44-Ru-101



39

Incident Energy (MeV)

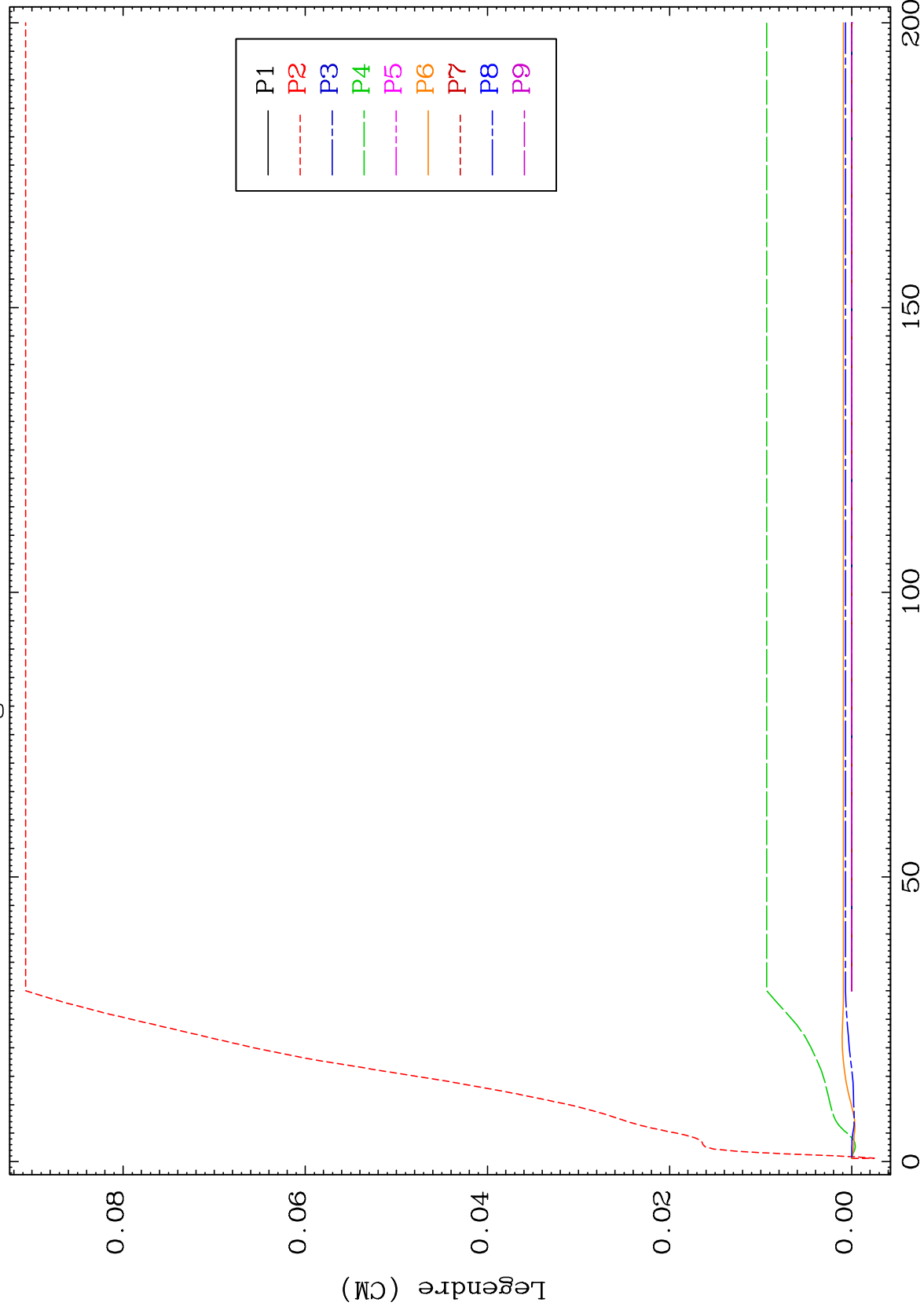
44-Ru-101



MAT 4440

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

44-Ru-101



41

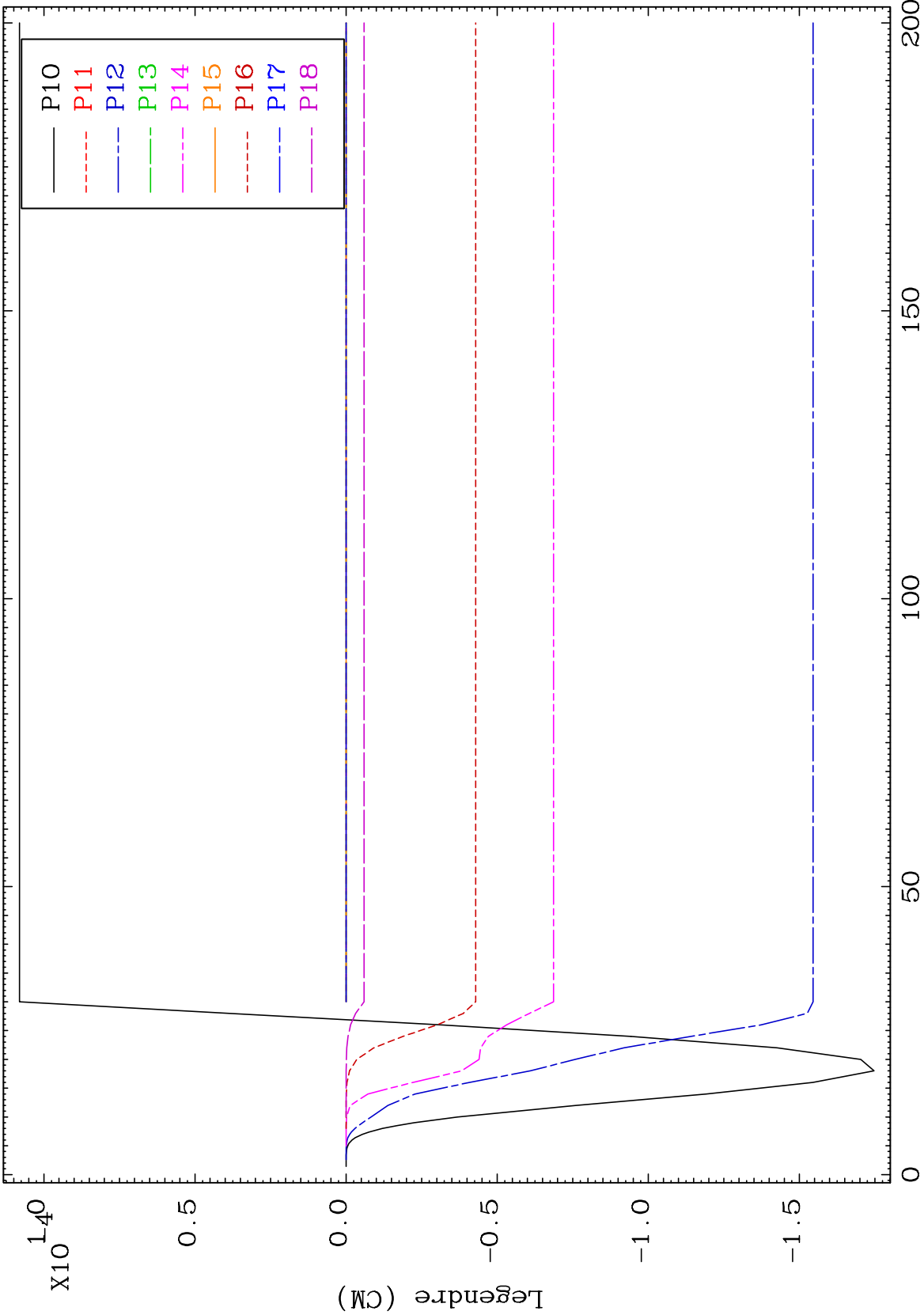
Incident Energy (MeV)

44-Ru-101

MAT 4440

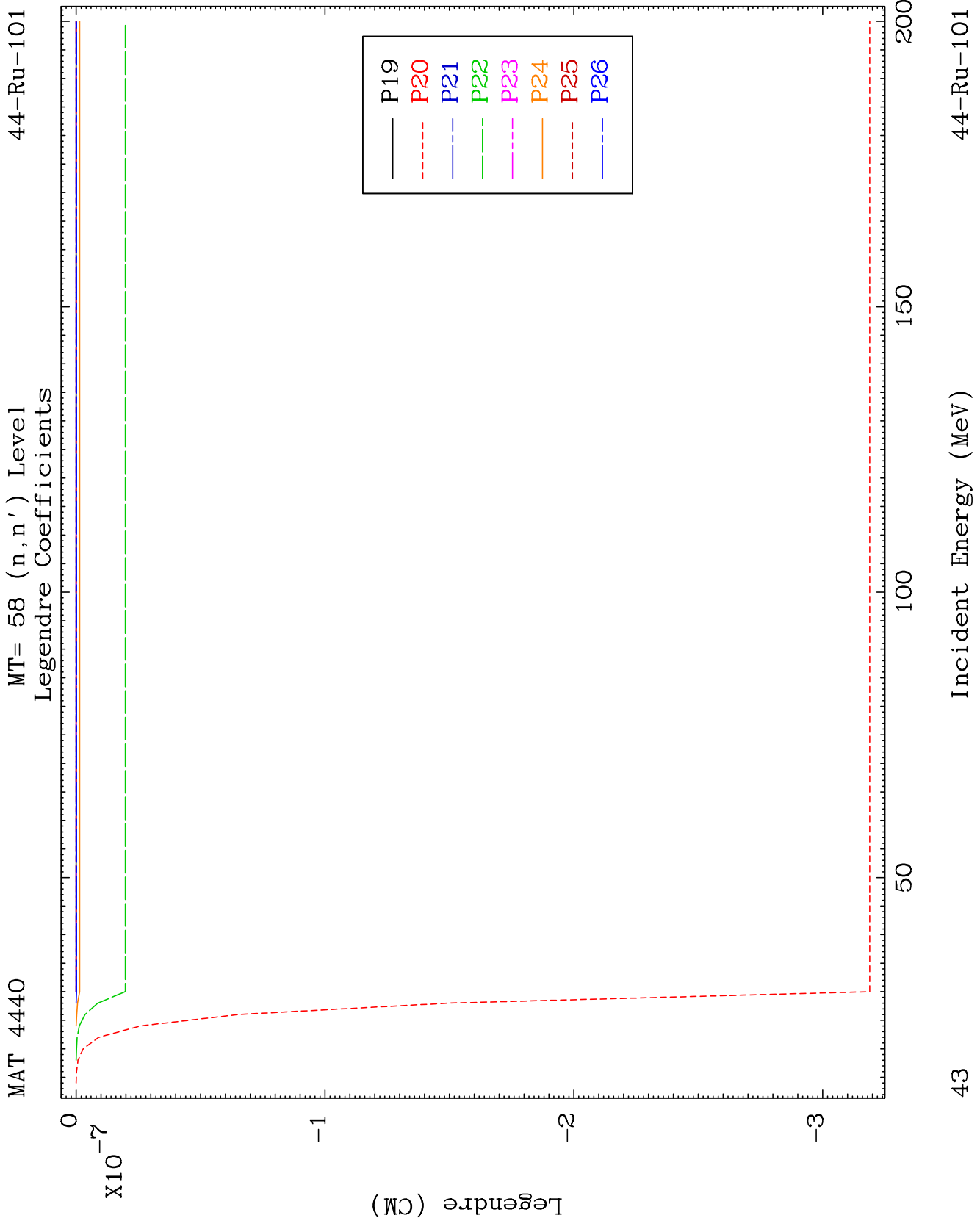
MT= 58 (n,n') Level
Legendre Coefficients

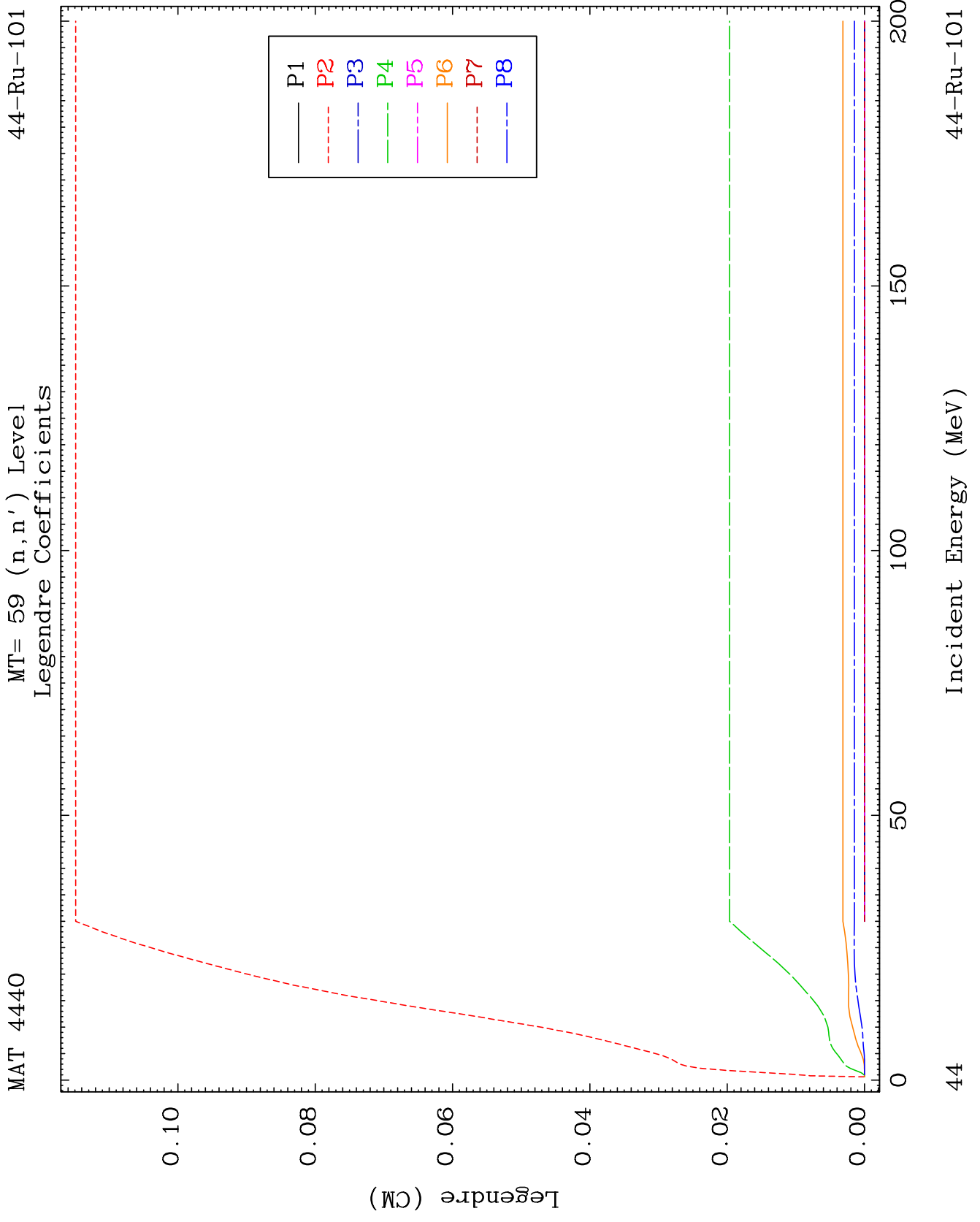
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42

44-Ru-101

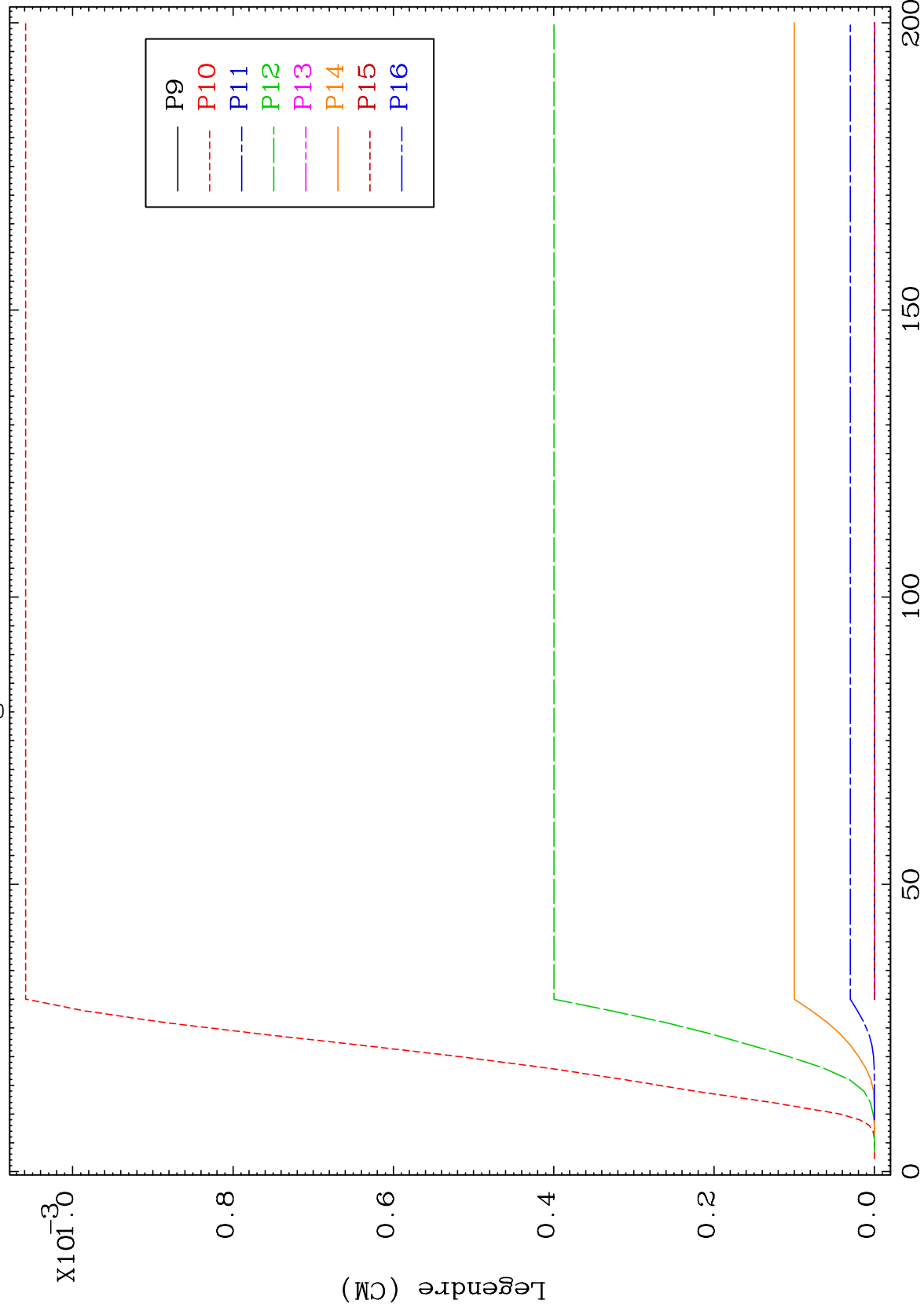




MAT 4440

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

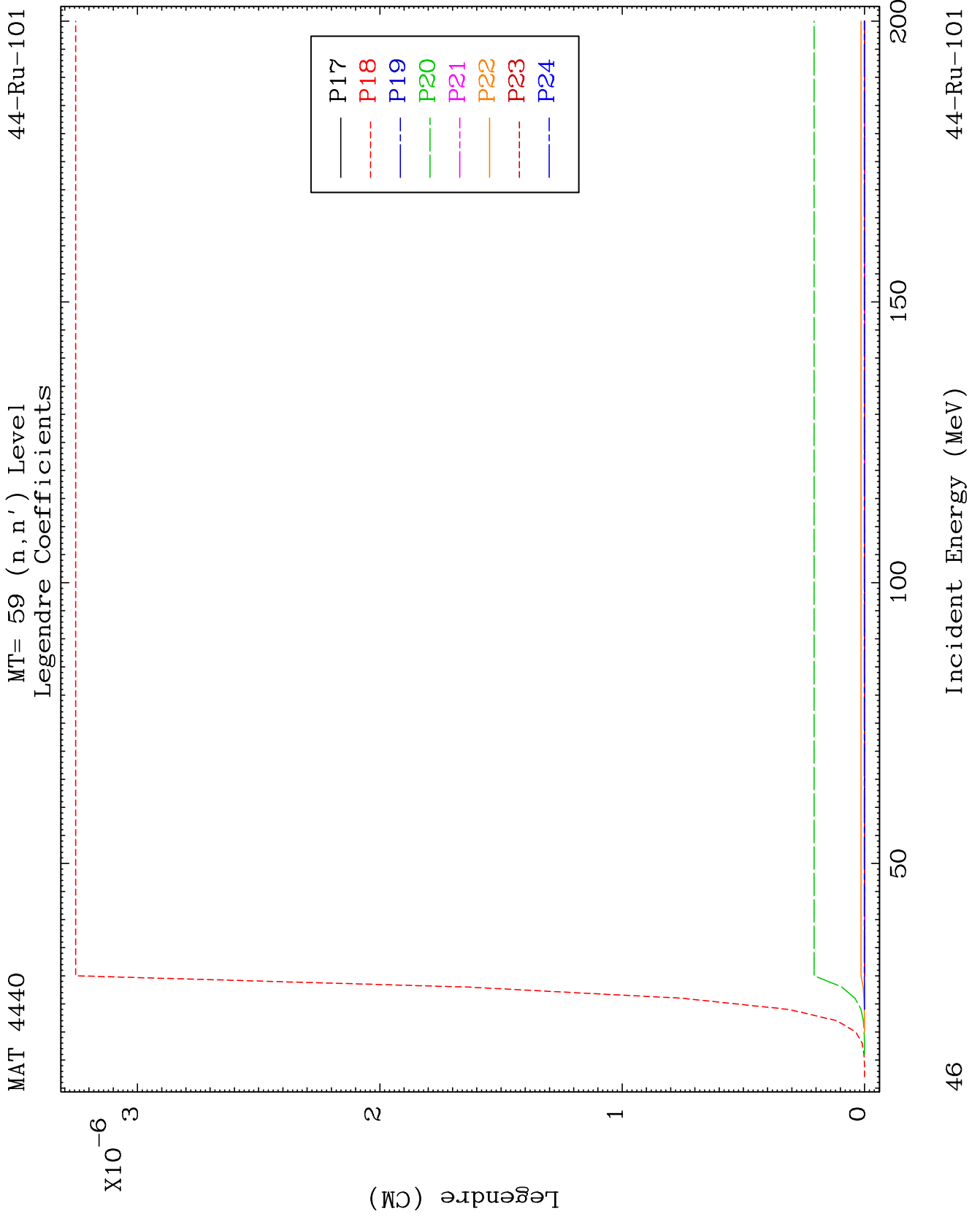
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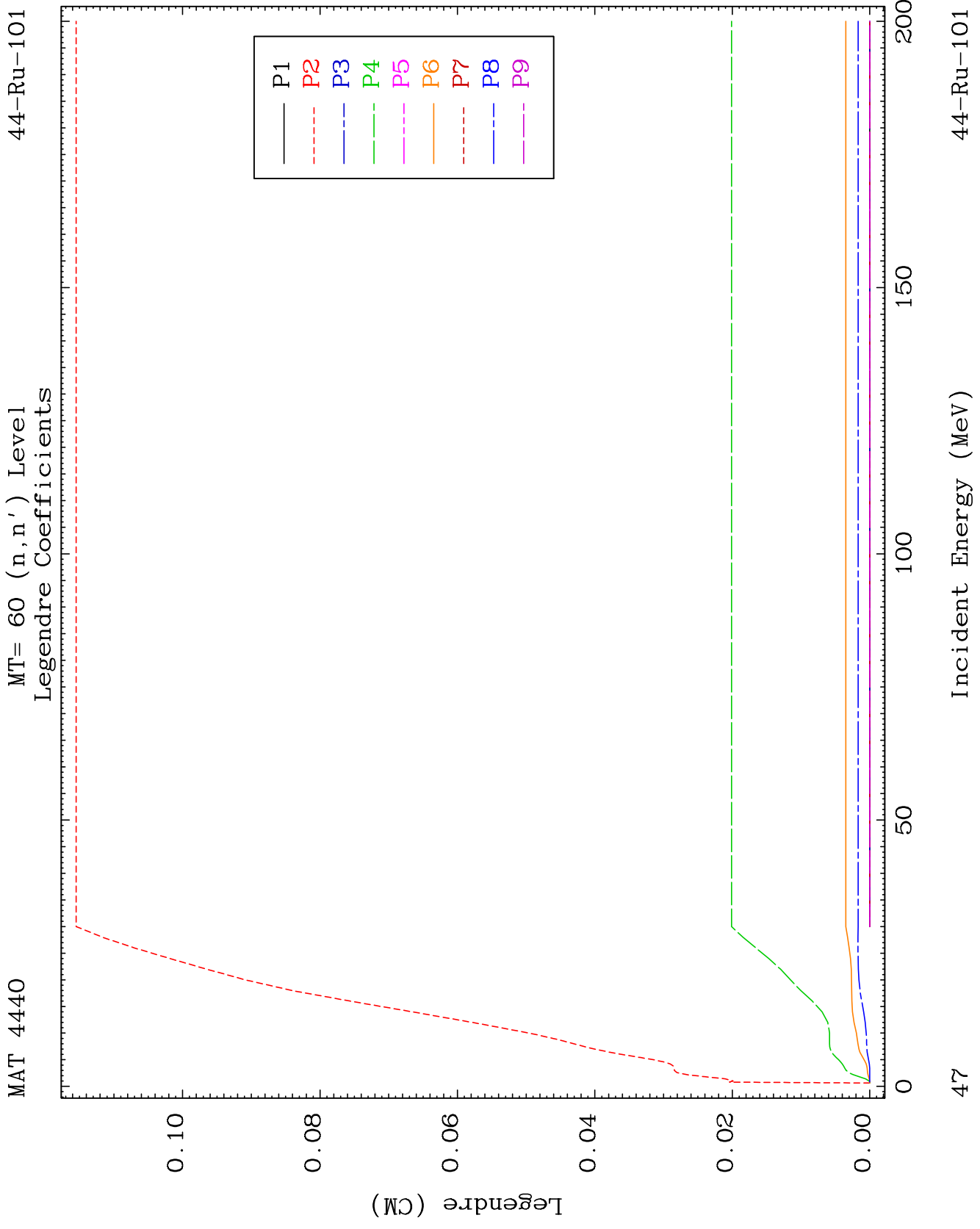


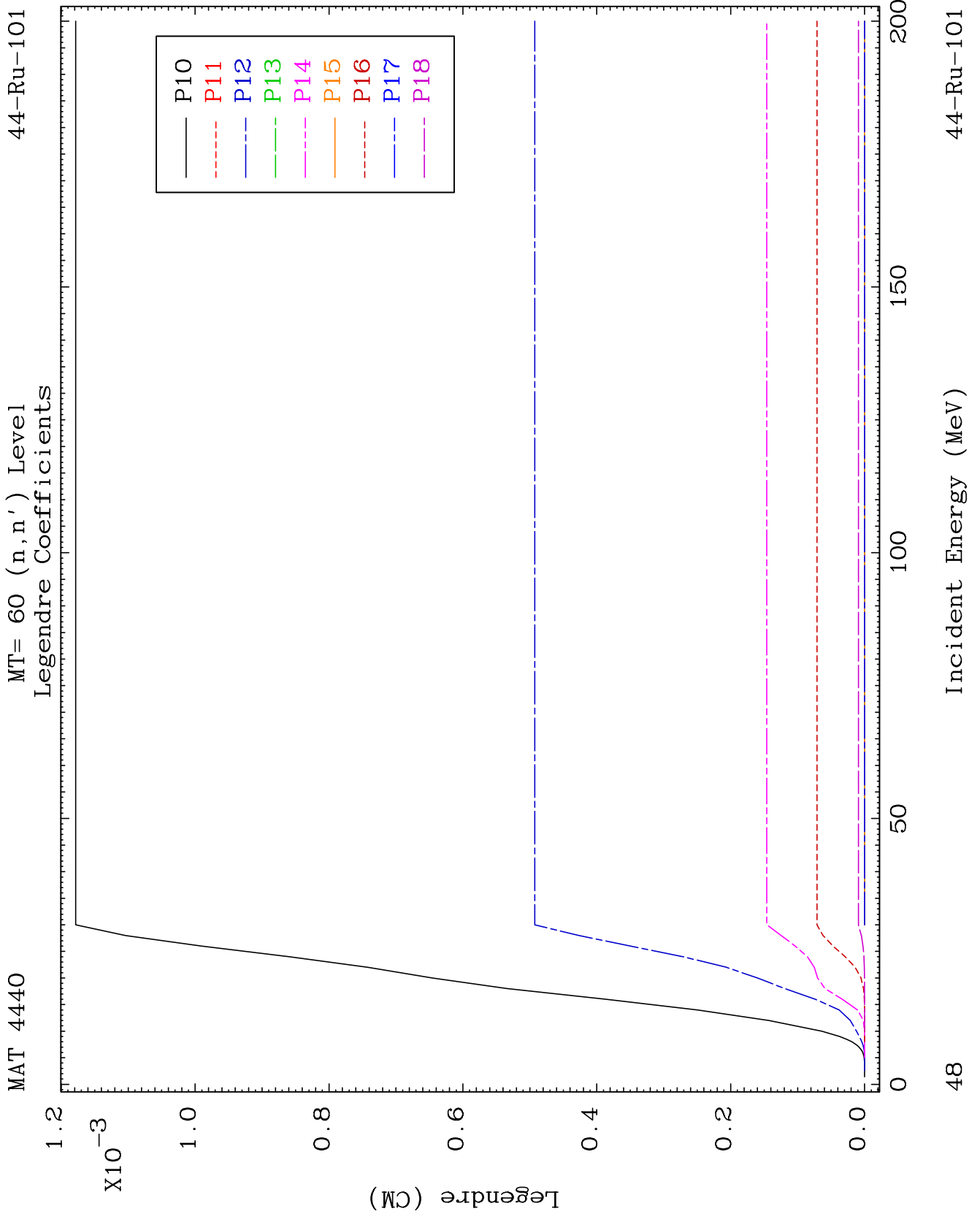
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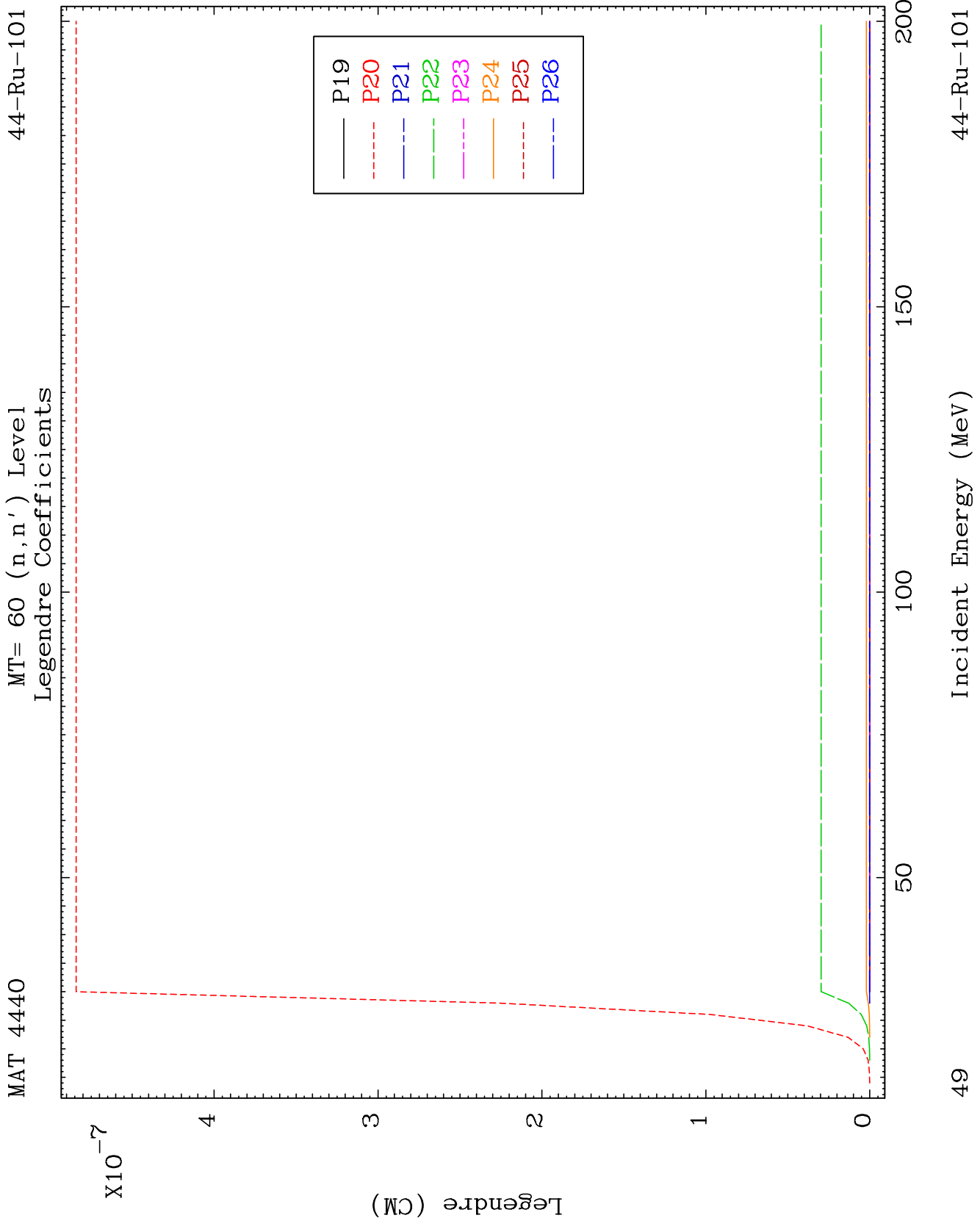
Incident Energy (MeV)

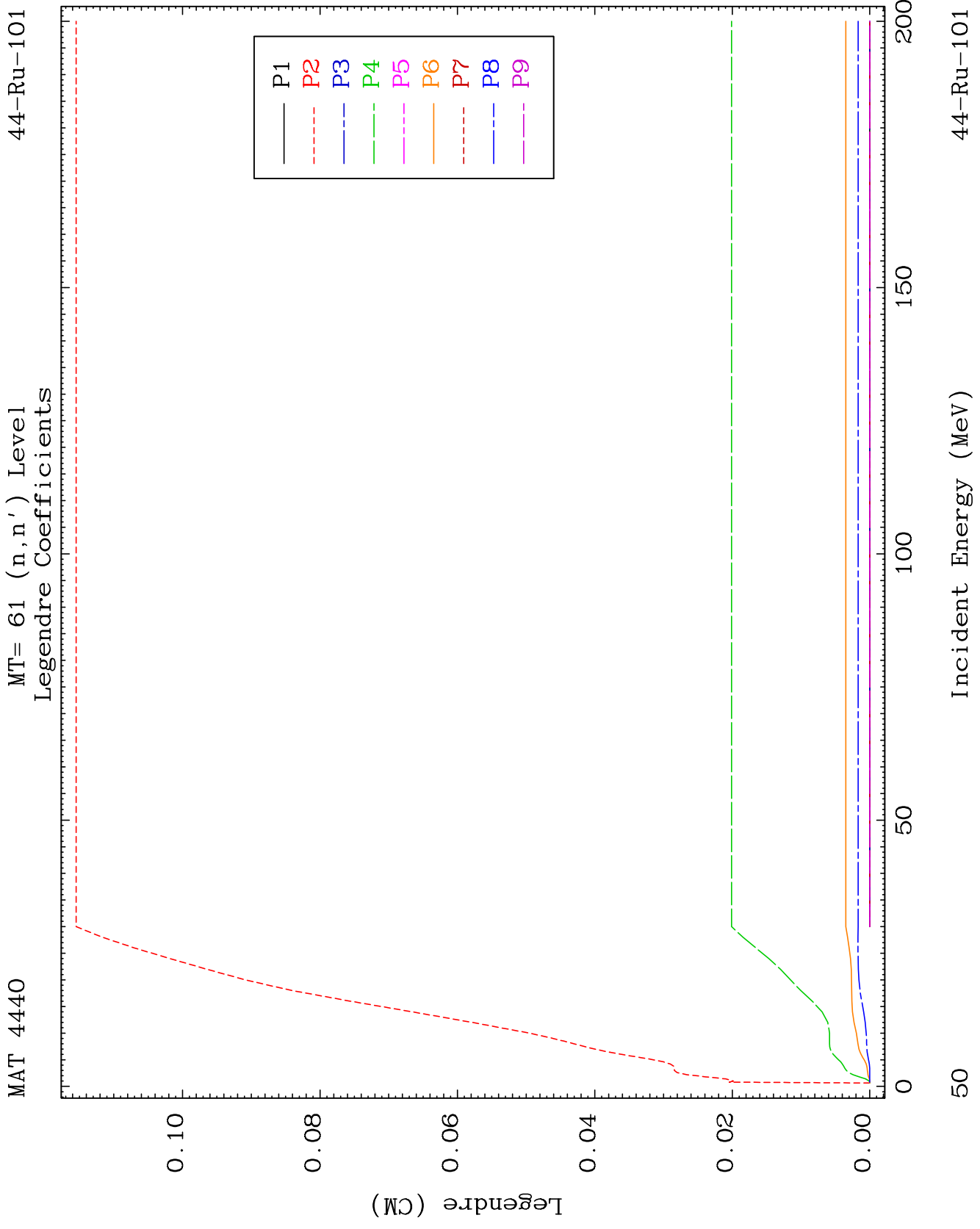
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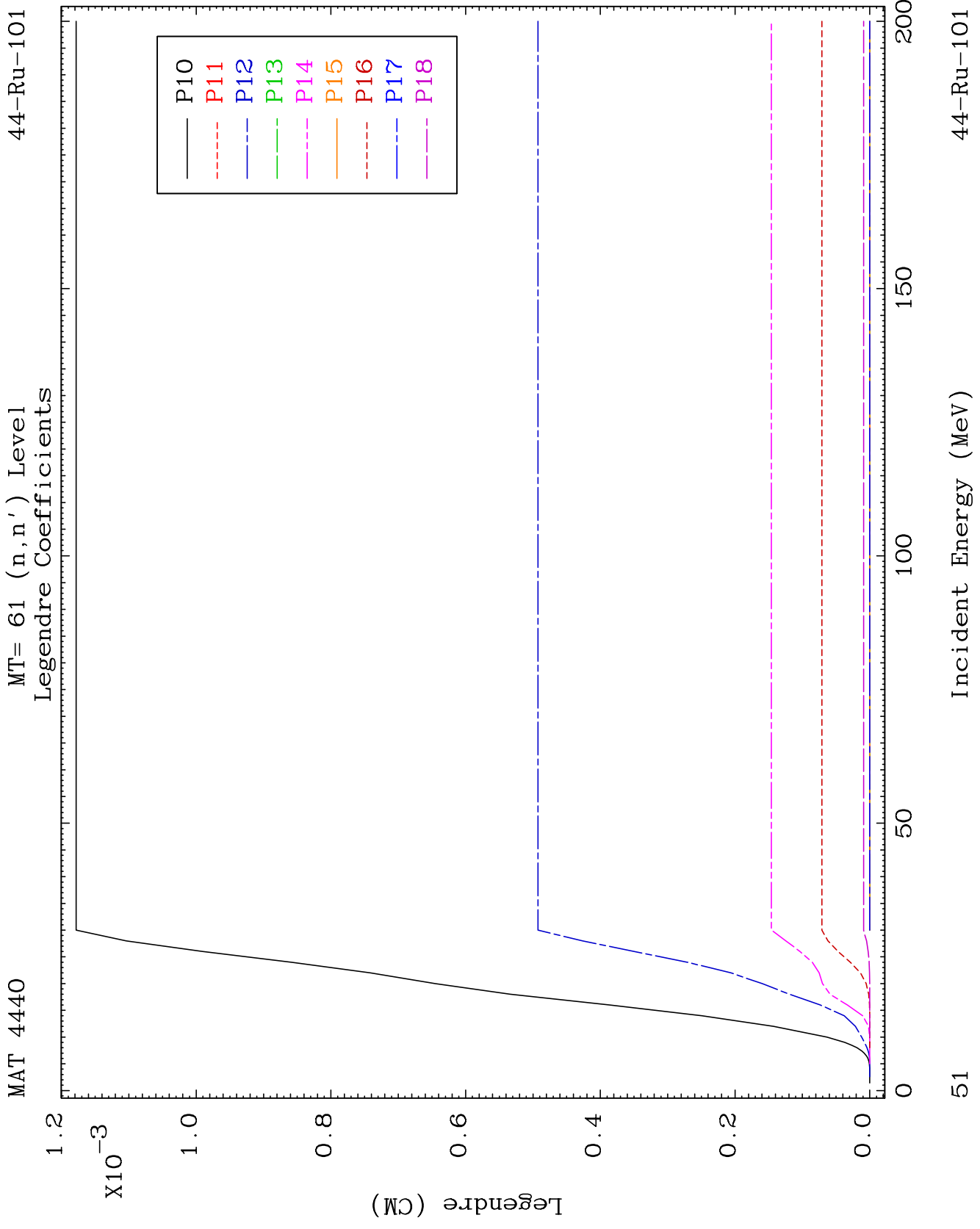


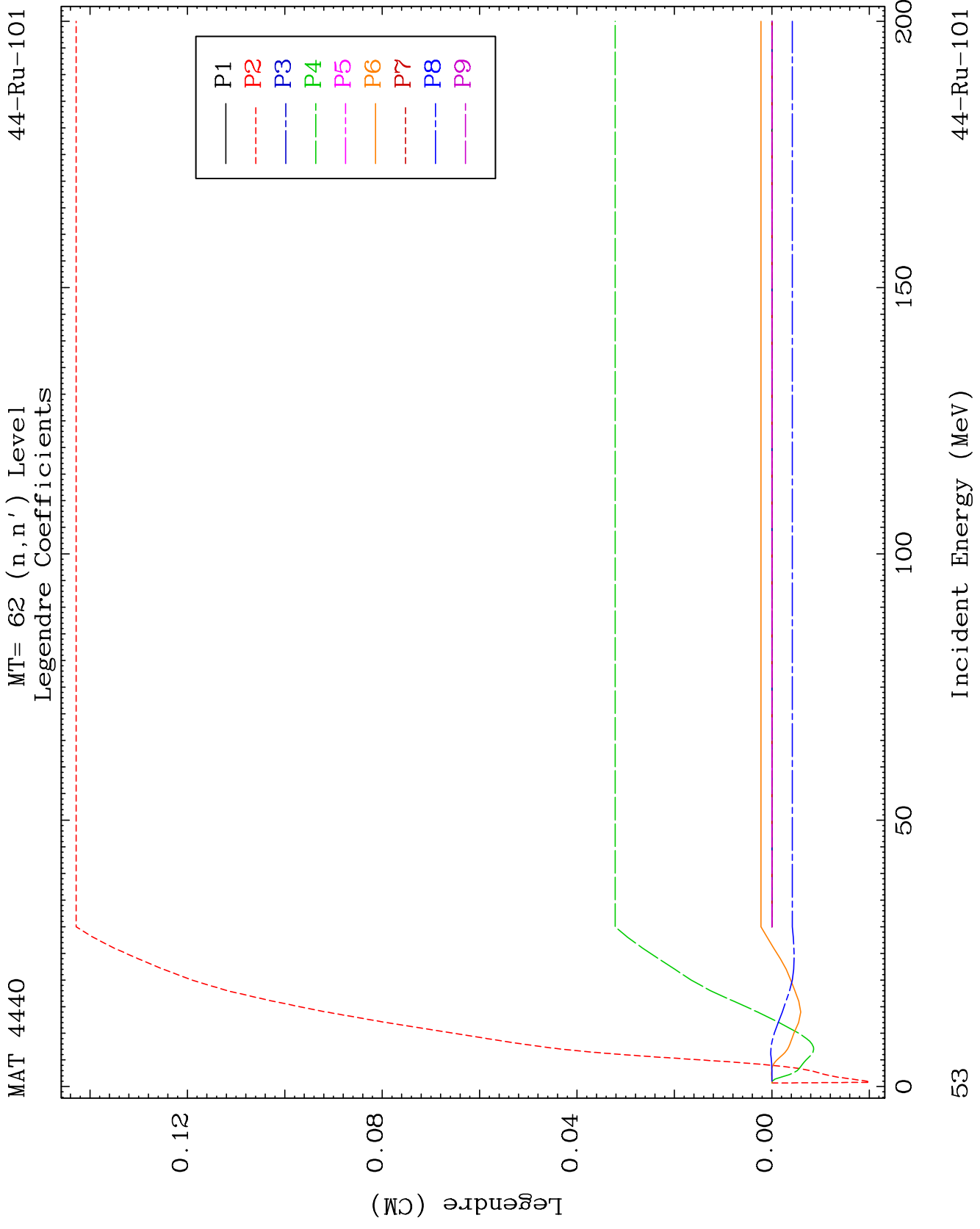








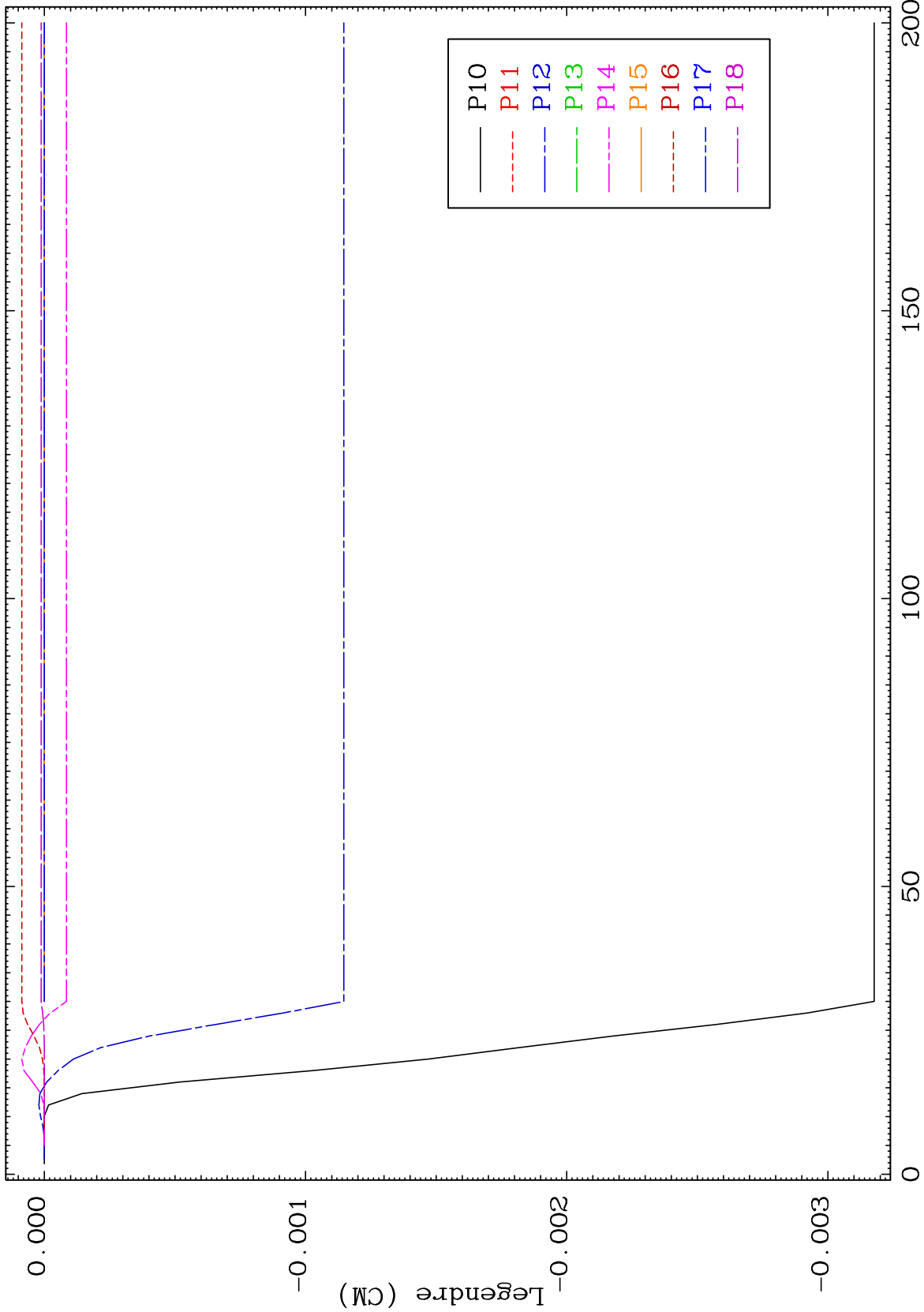




MAT 4440

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

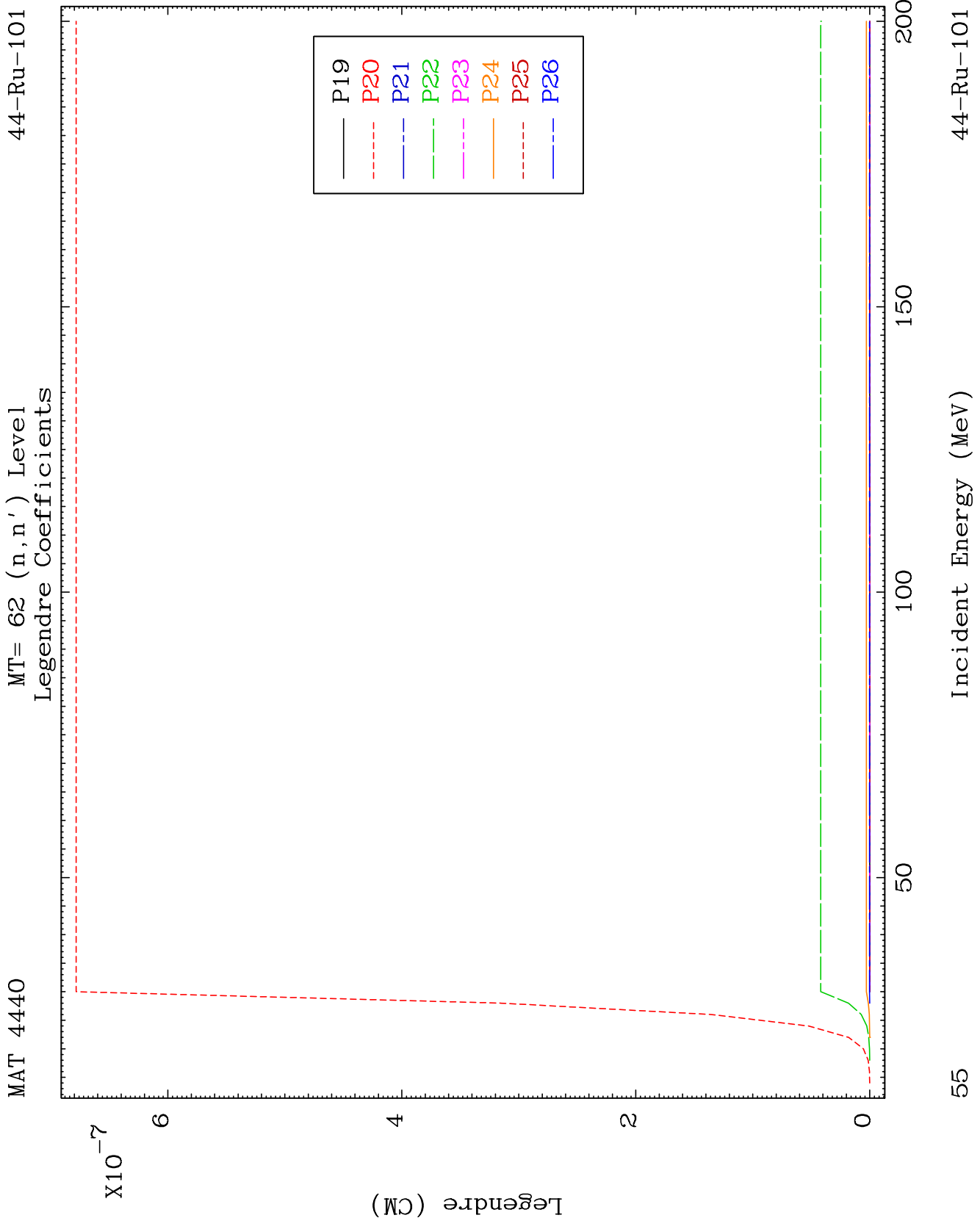
44-Ru-101



54

Incident Energy (MeV)

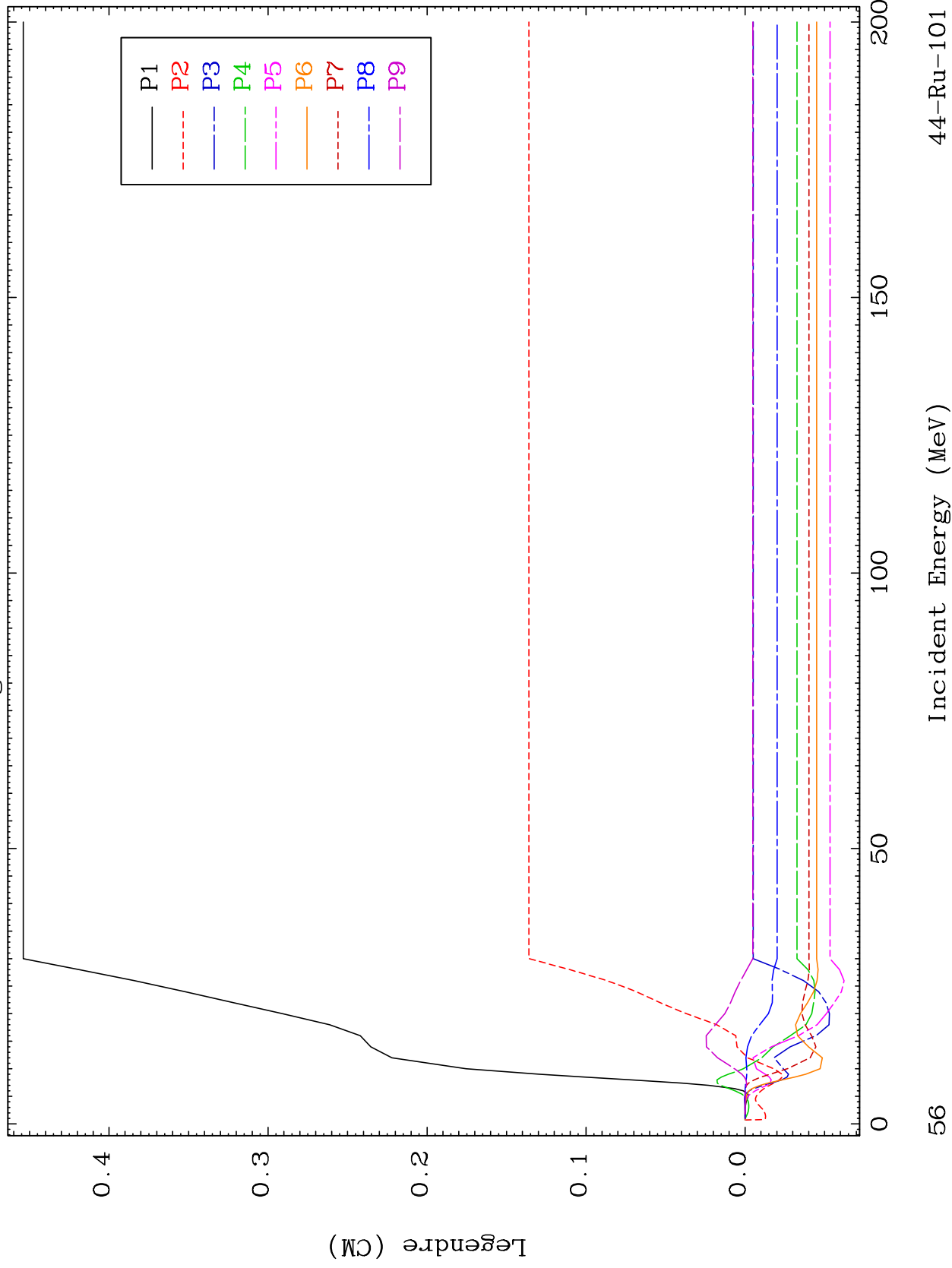
44-Ru-101



MAT 4440

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

44-Ru-101



44-Ru-101

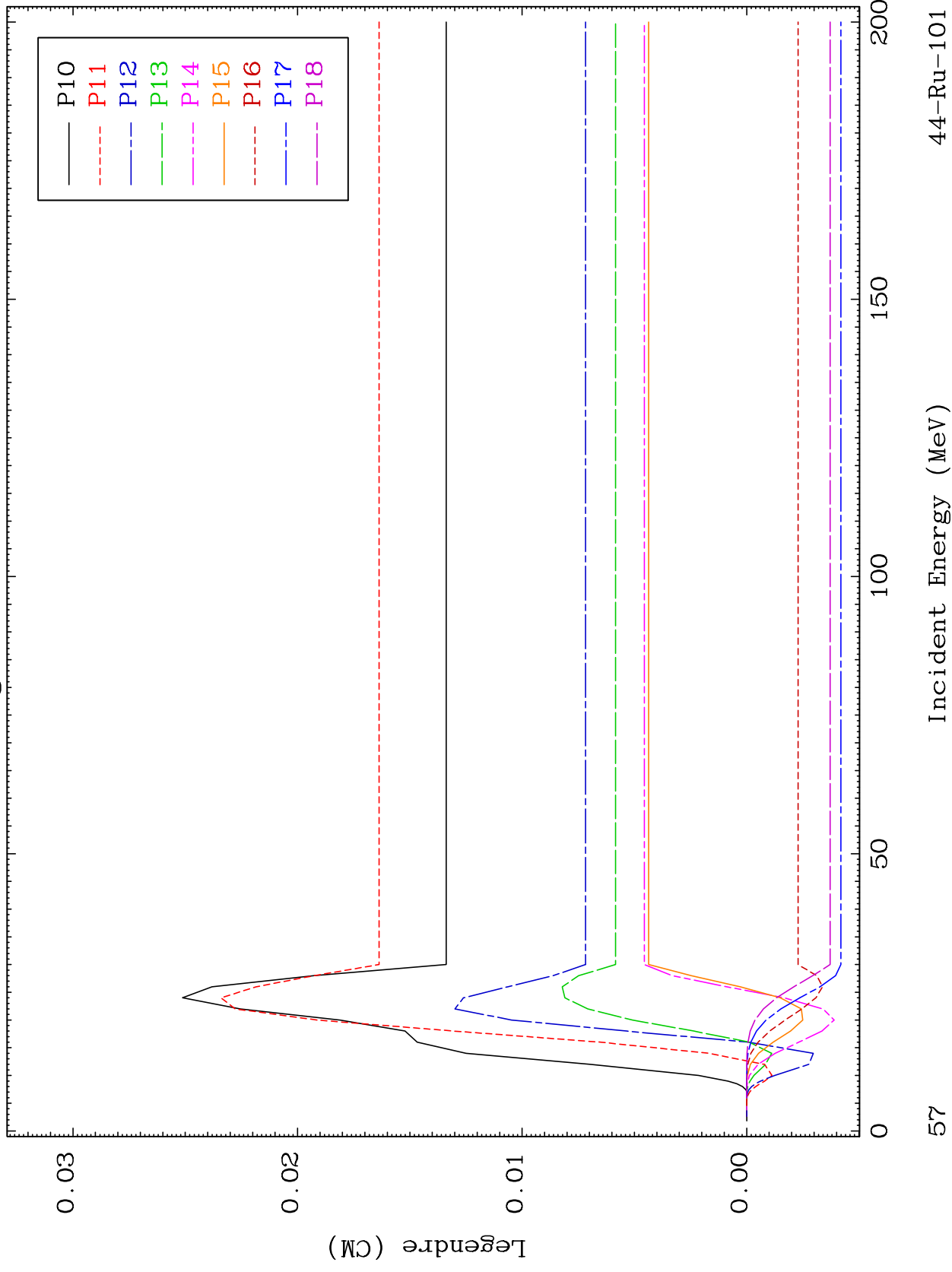
Incident Energy (MeV)

56

MAT 4440

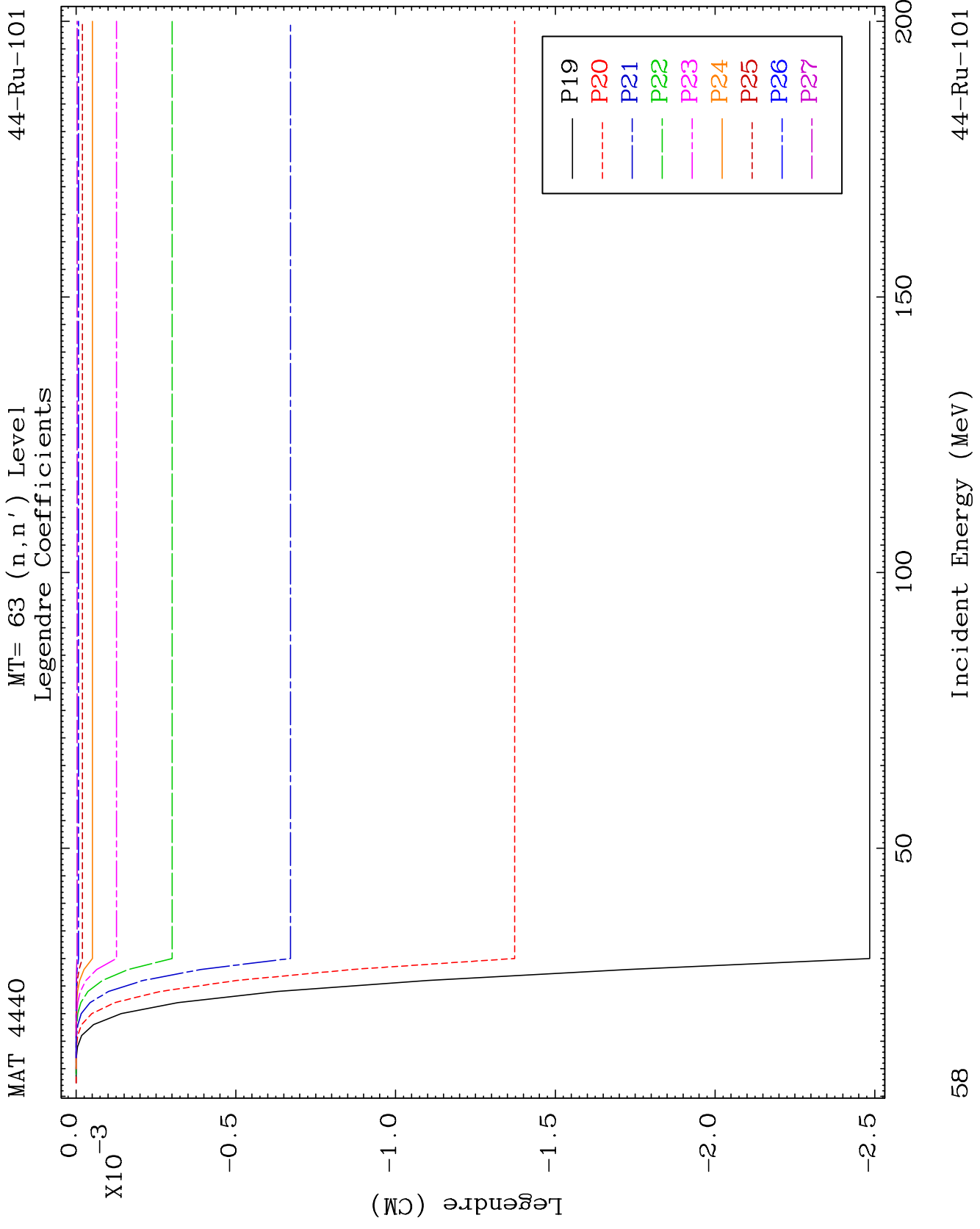
MT= 63 (n,n') Level
Legendre Coefficients

44-Ru-101



57

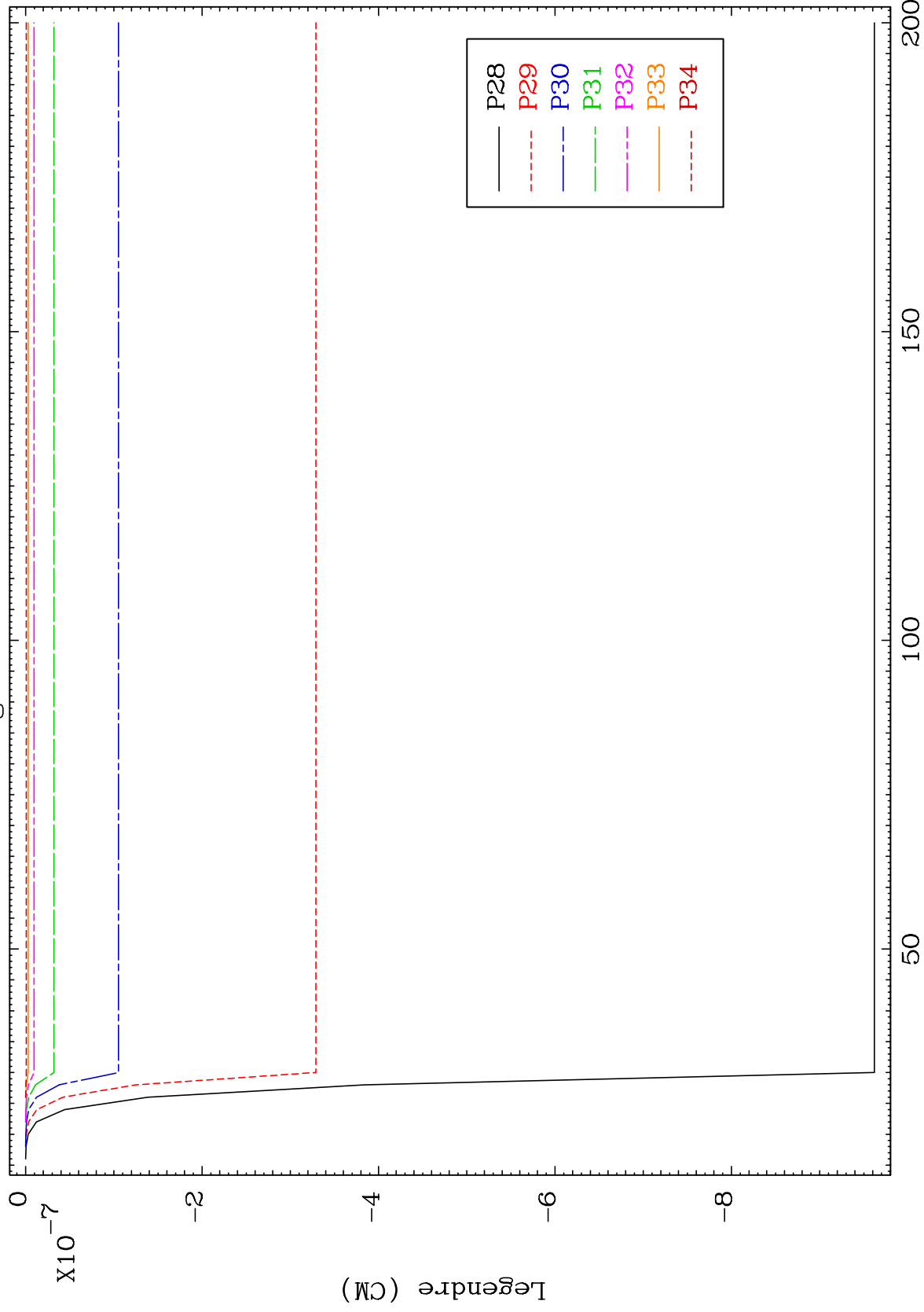
44-Ru-101



MAT 4440

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

44-Ru-101



59

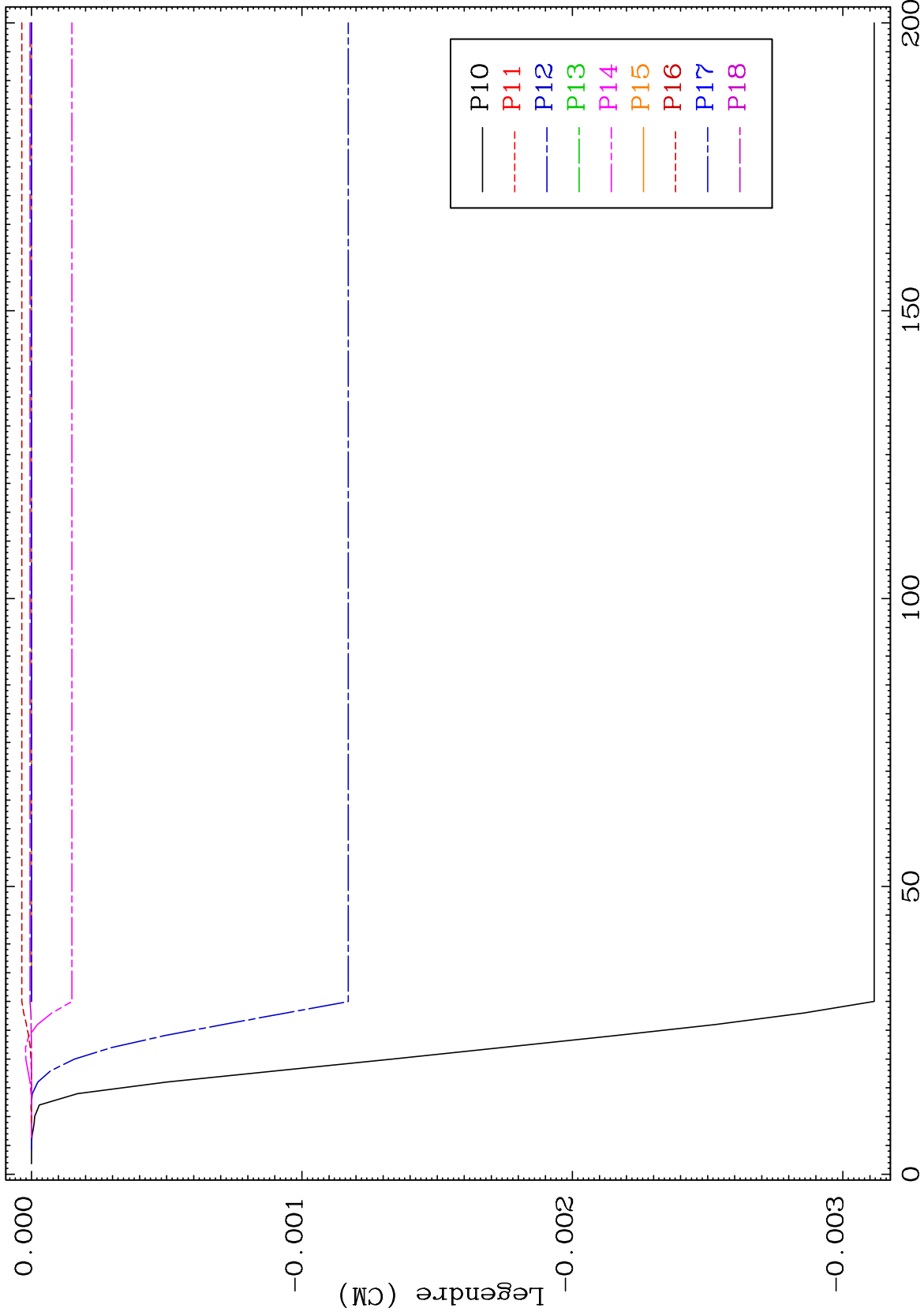
44-Ru-101

MAT 4440

MT= 64 (n,n') Level

44-Ru-101

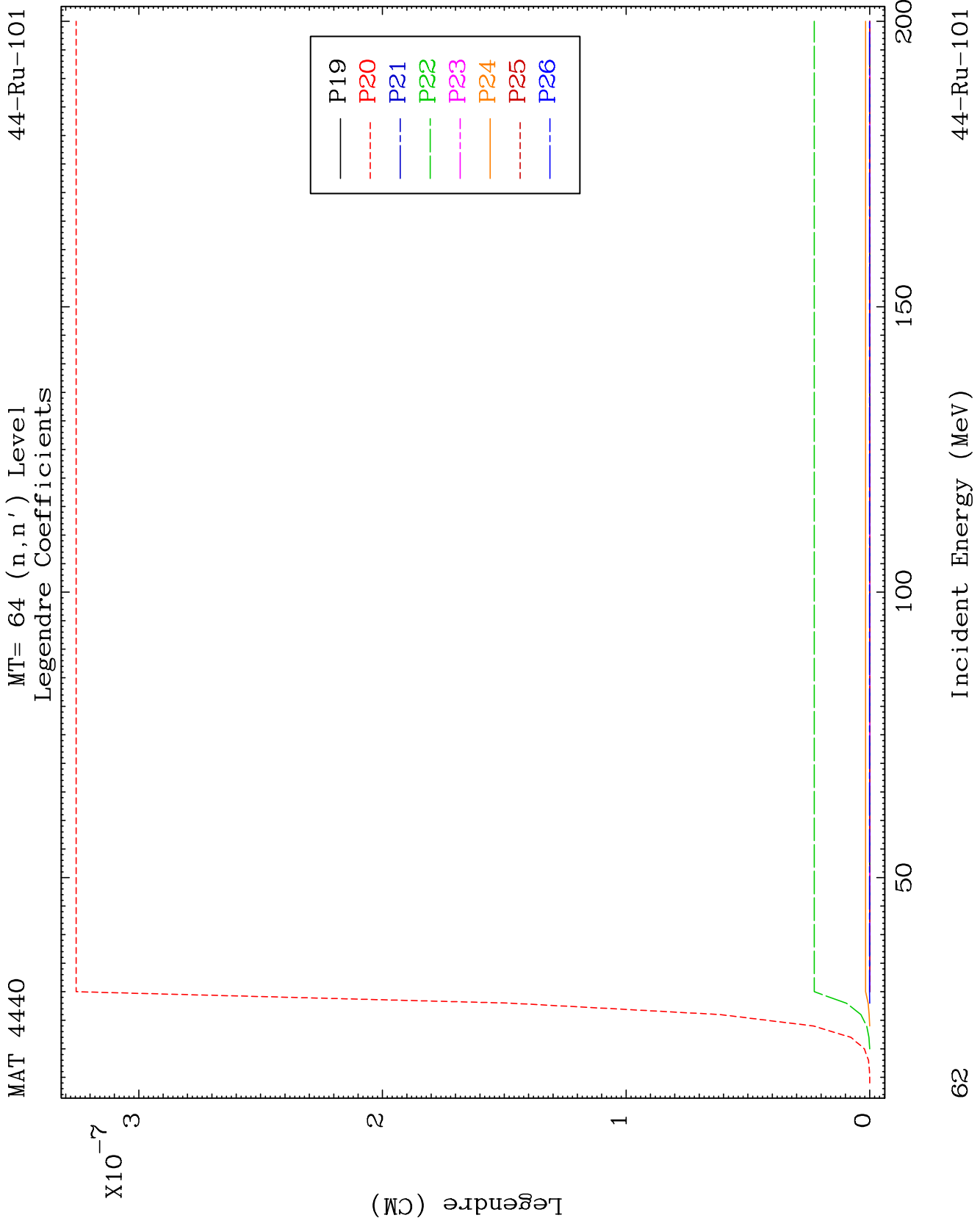
Legendre Coefficients

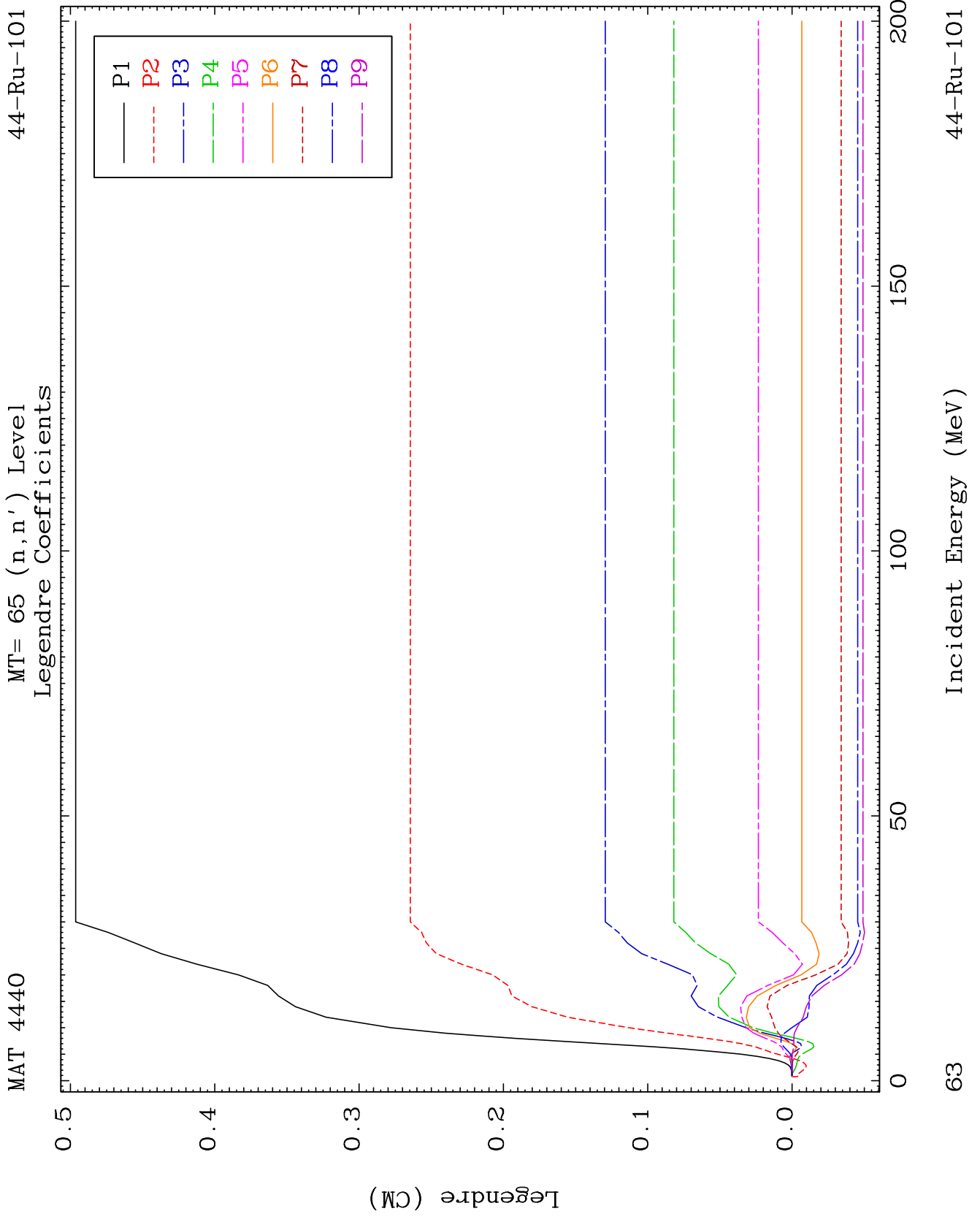


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Incident Energy (MeV)

44-Ru-101

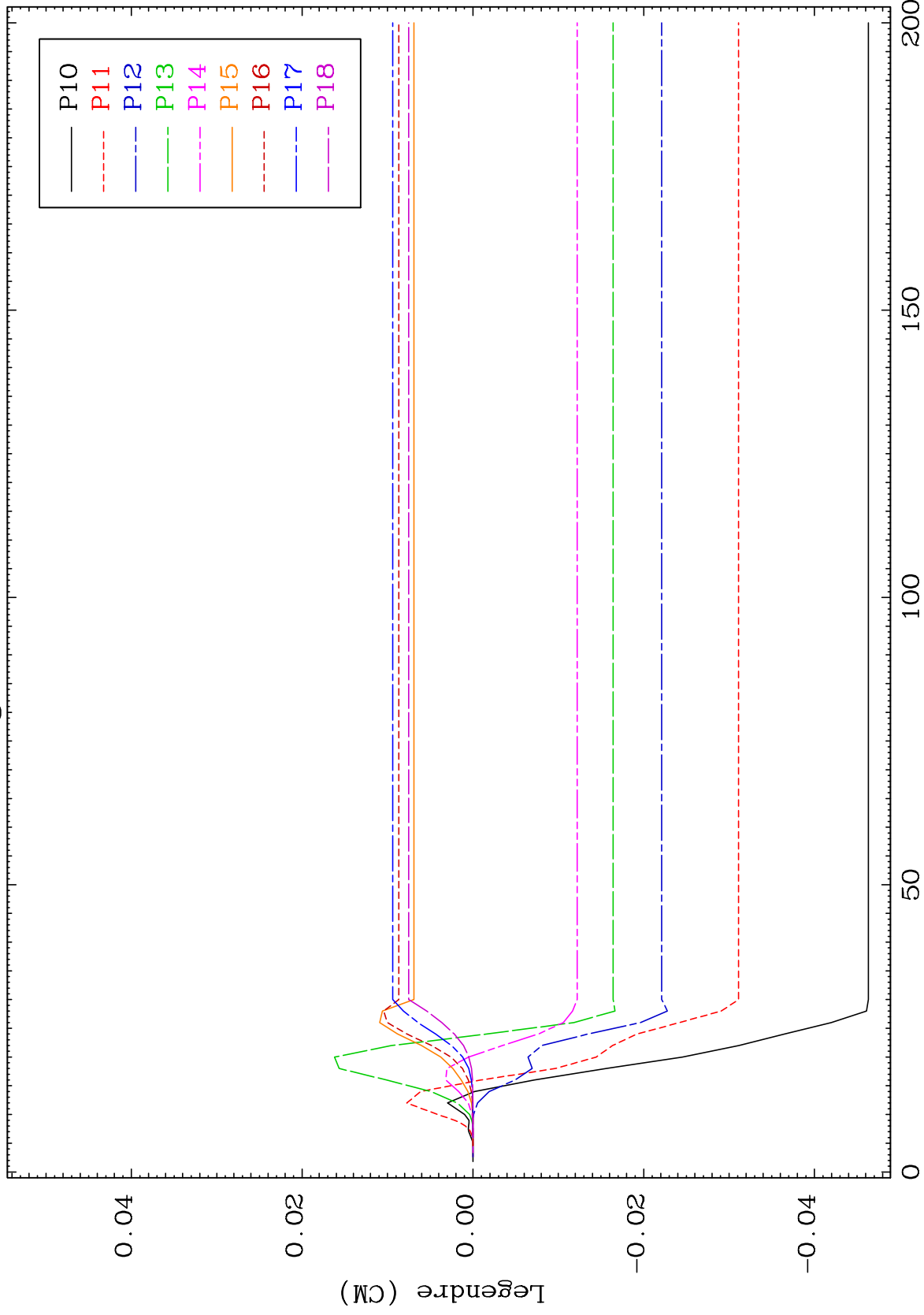




MAT 4440

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

44-Ru-101



64

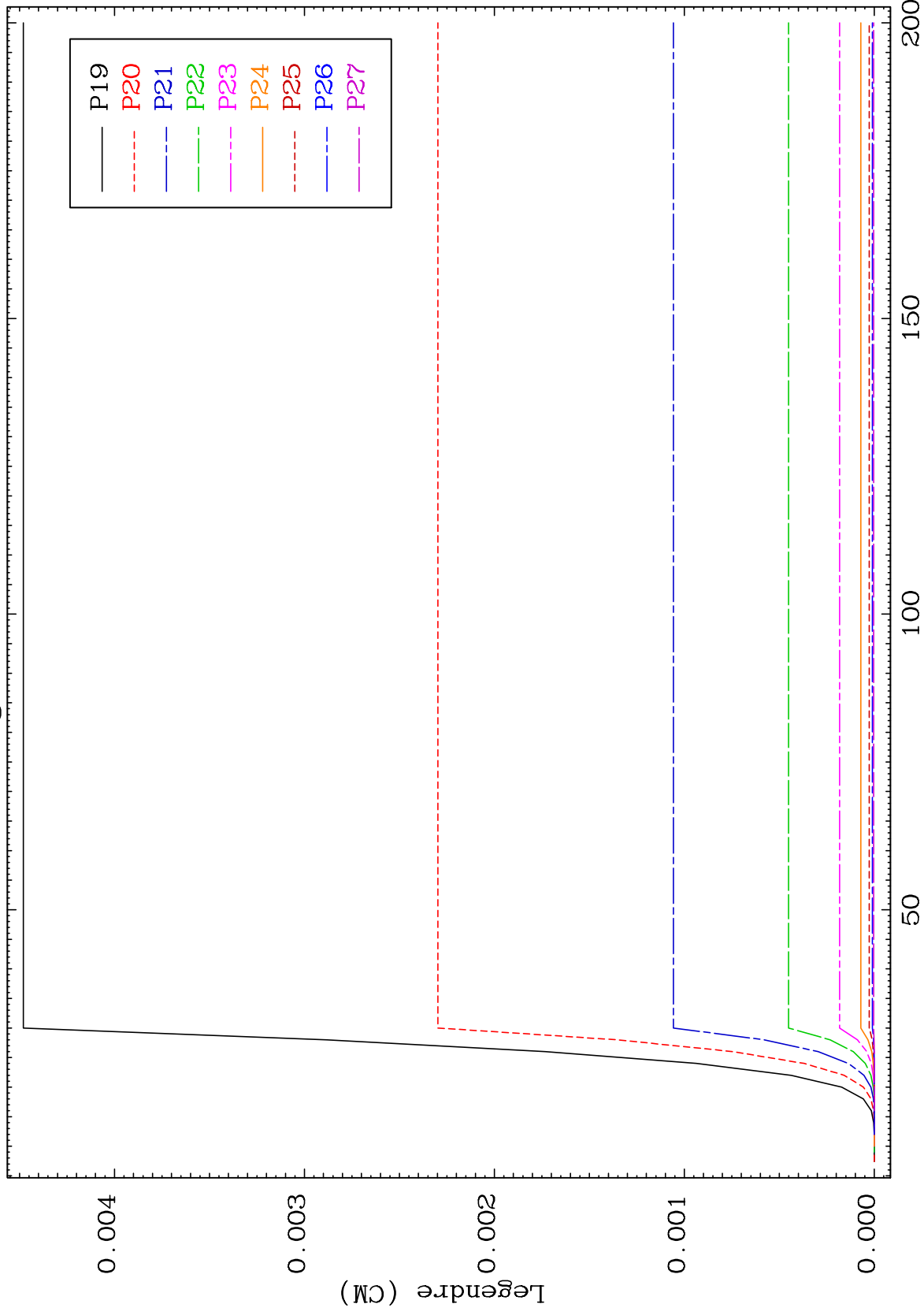
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



65

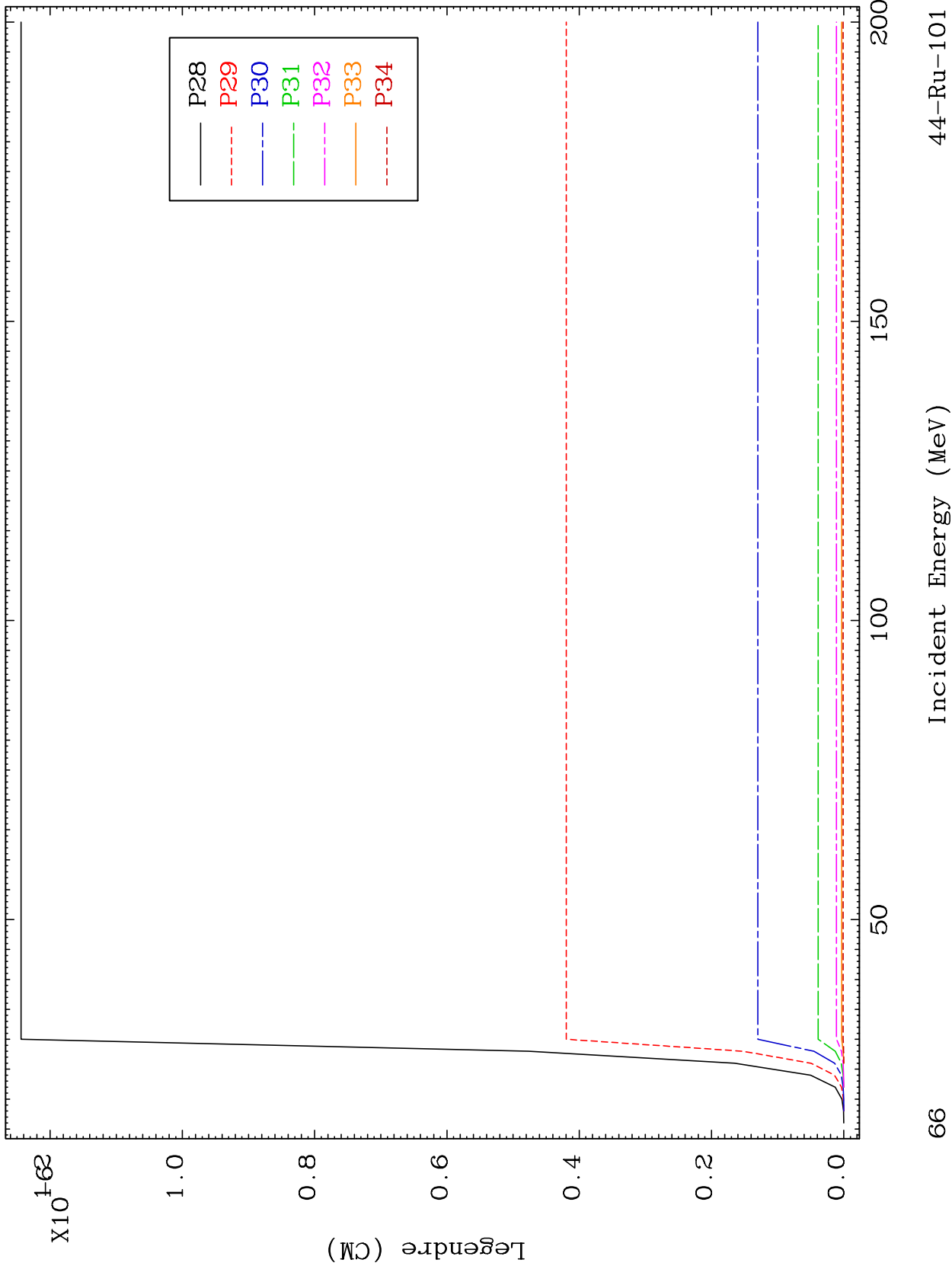
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



66

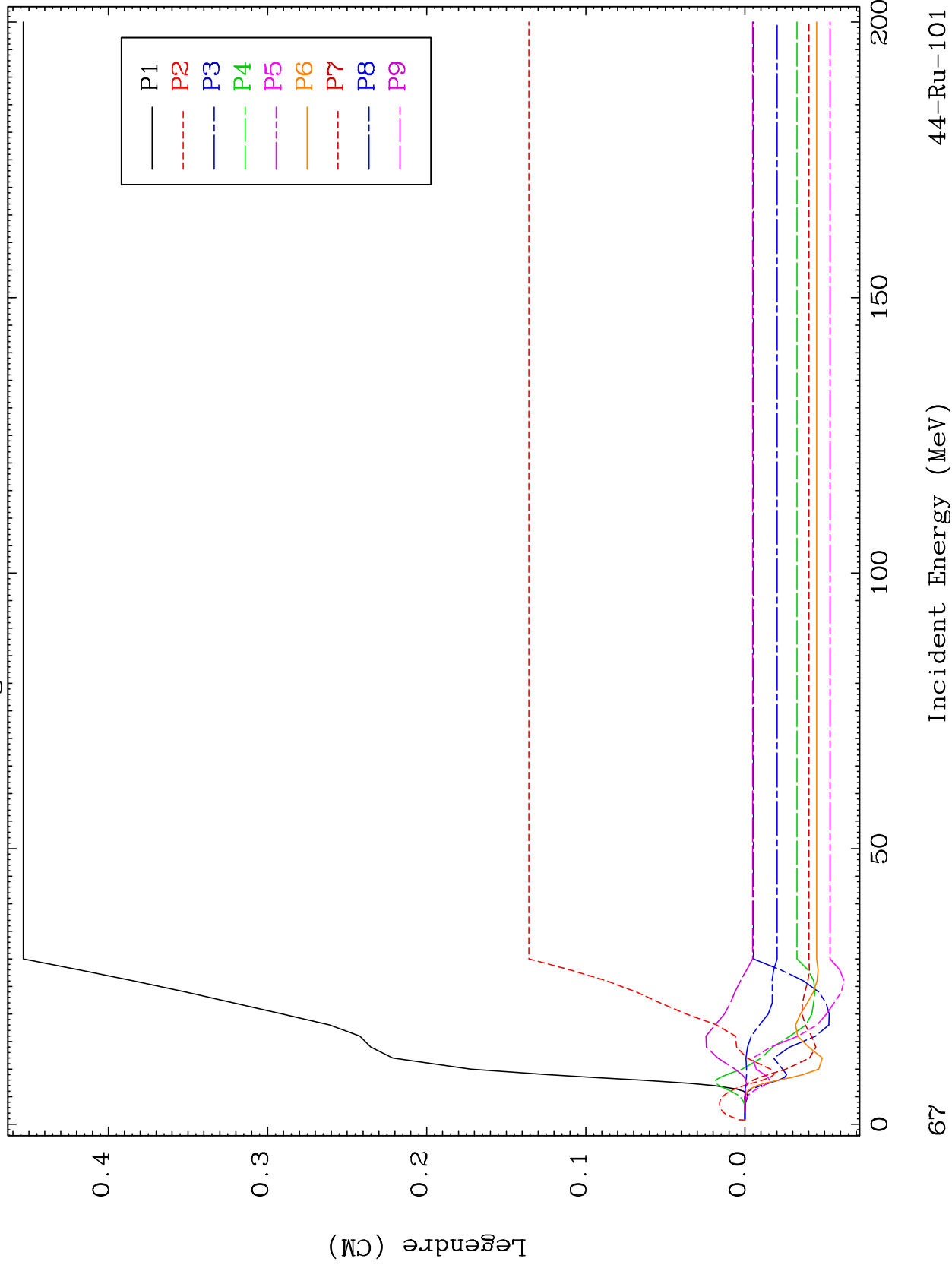
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



44-Ru-101

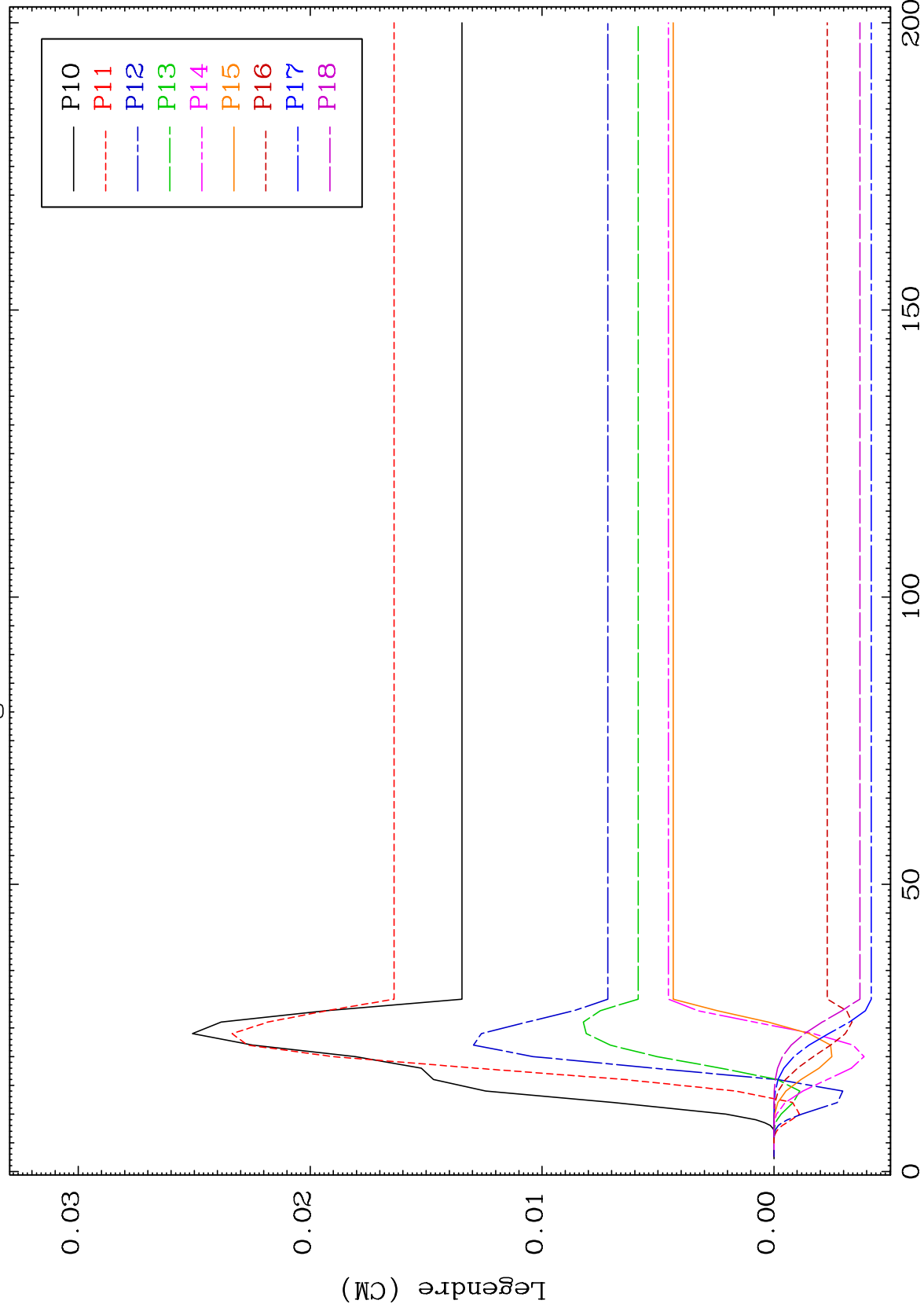
Incident Energy (MeV)

67

MAT 4440

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

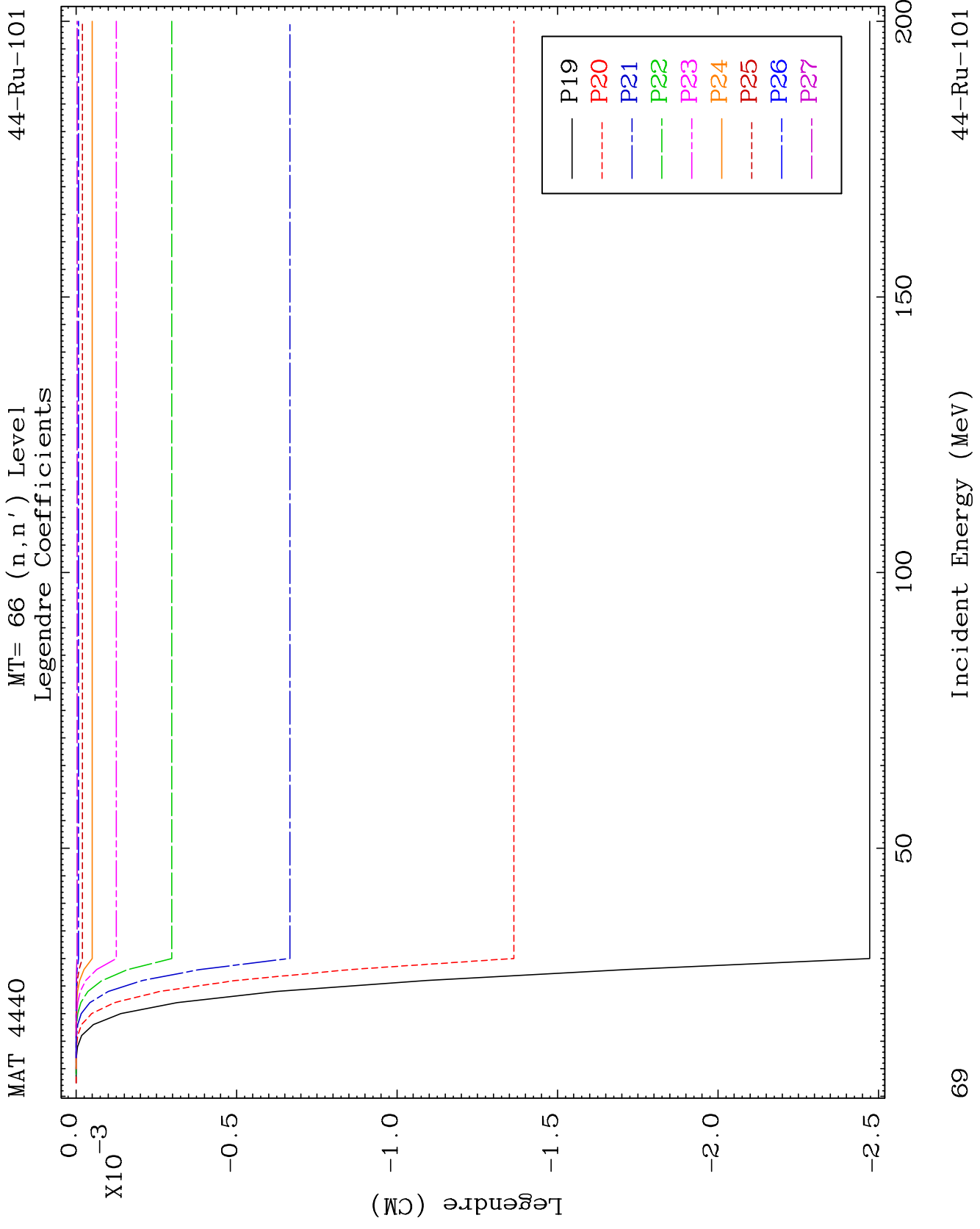
44-Ru-101

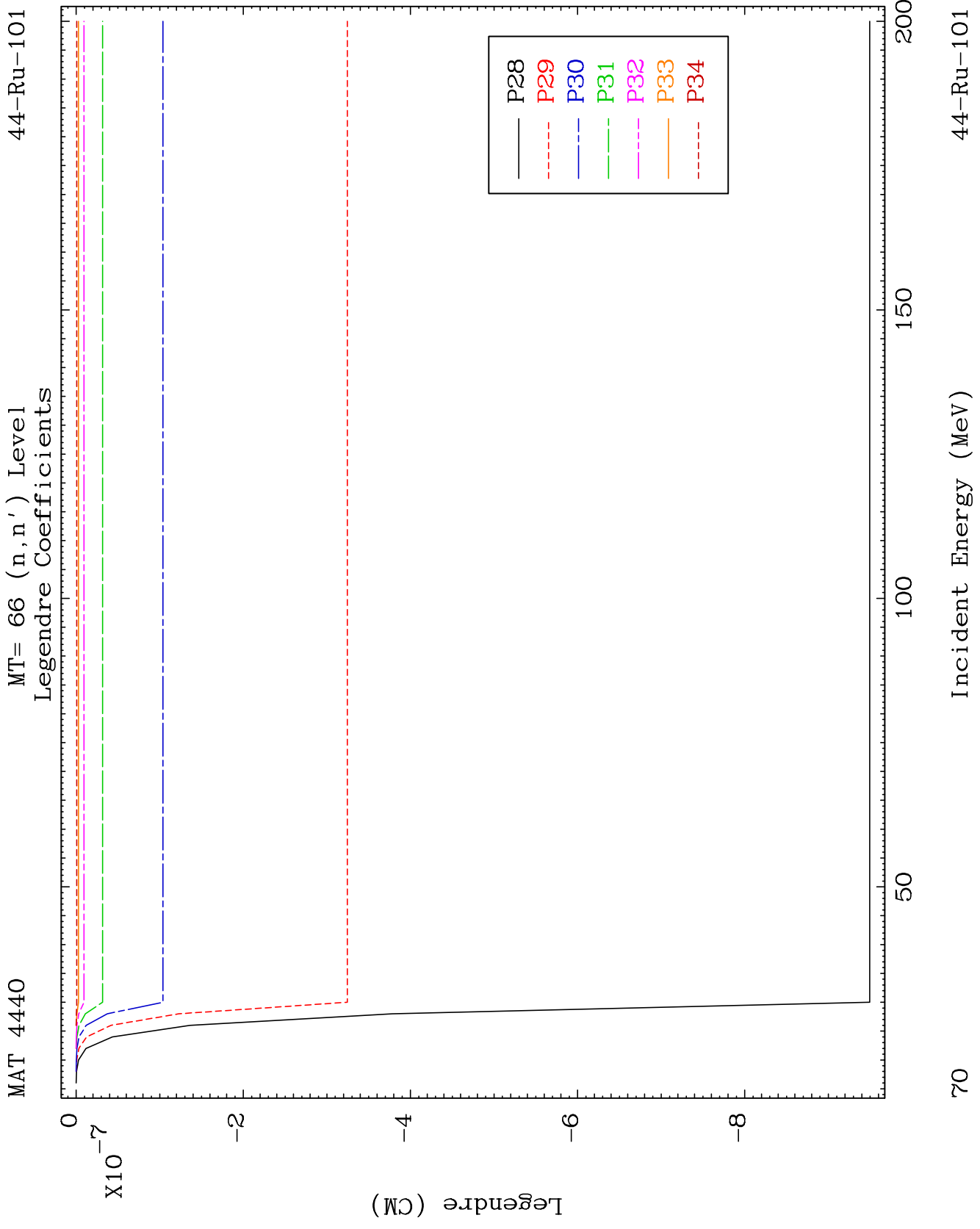


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Incident Energy (MeV)

44-Ru-101

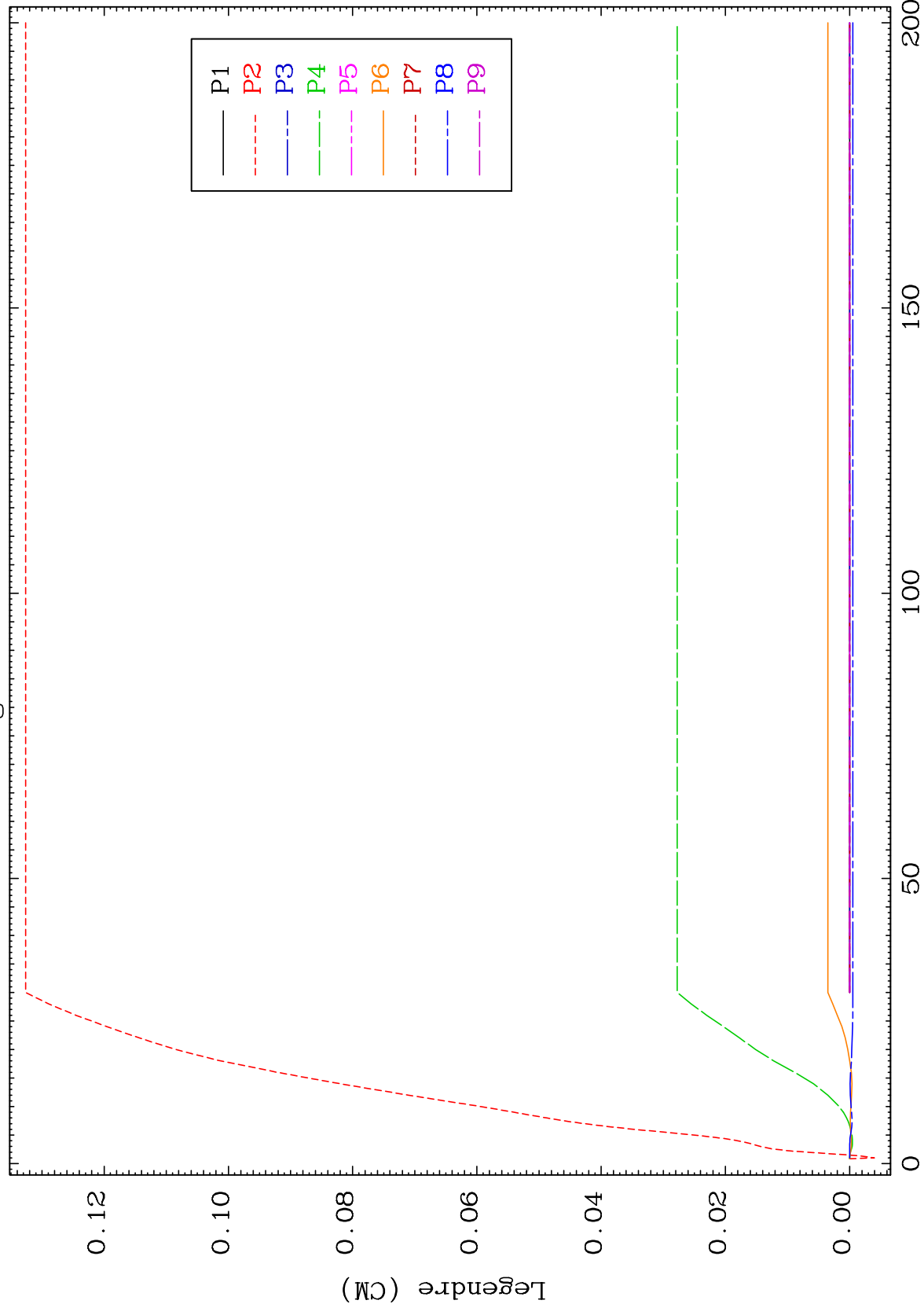




MAT 4440

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

44-Ru-101



71

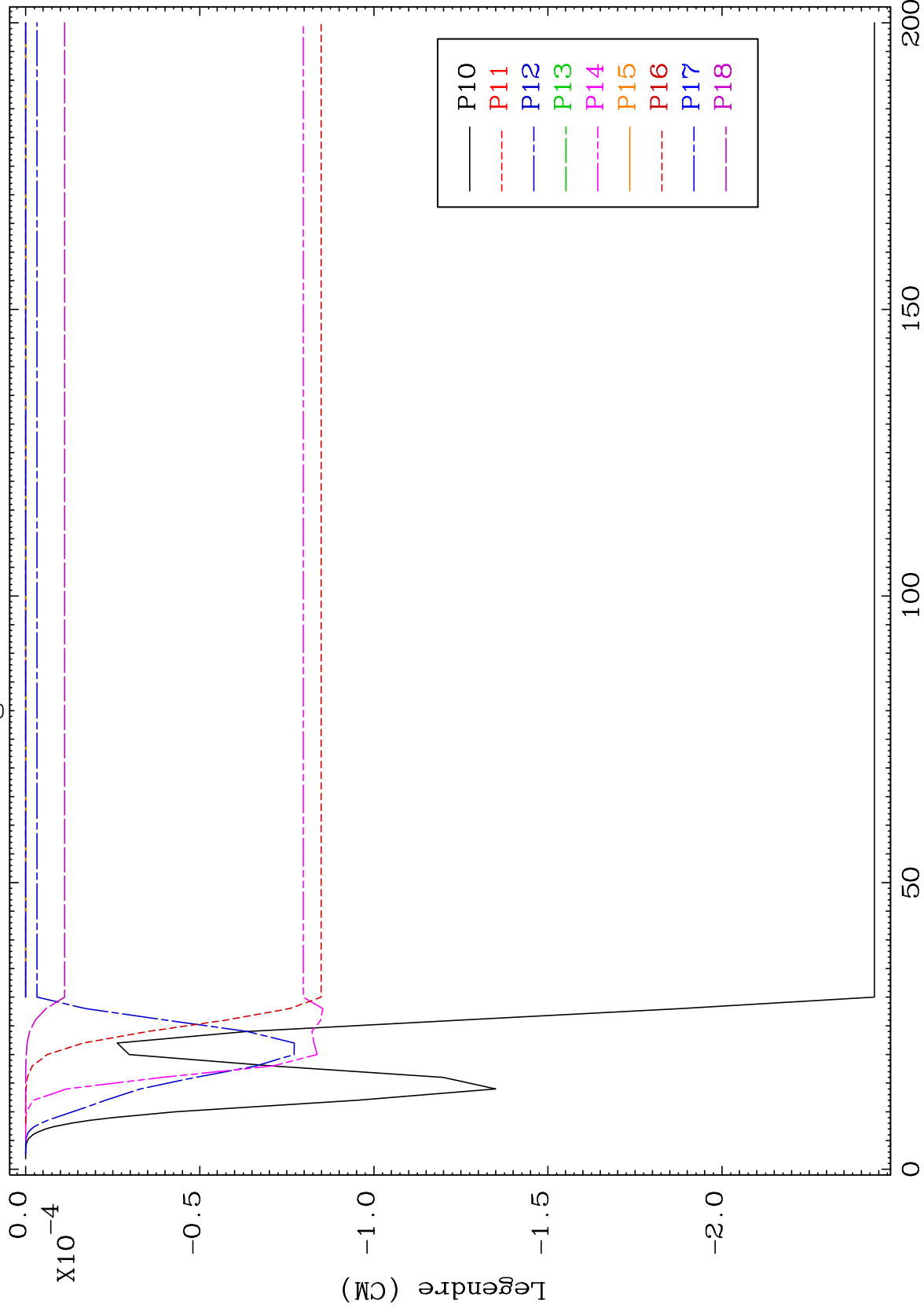
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



72

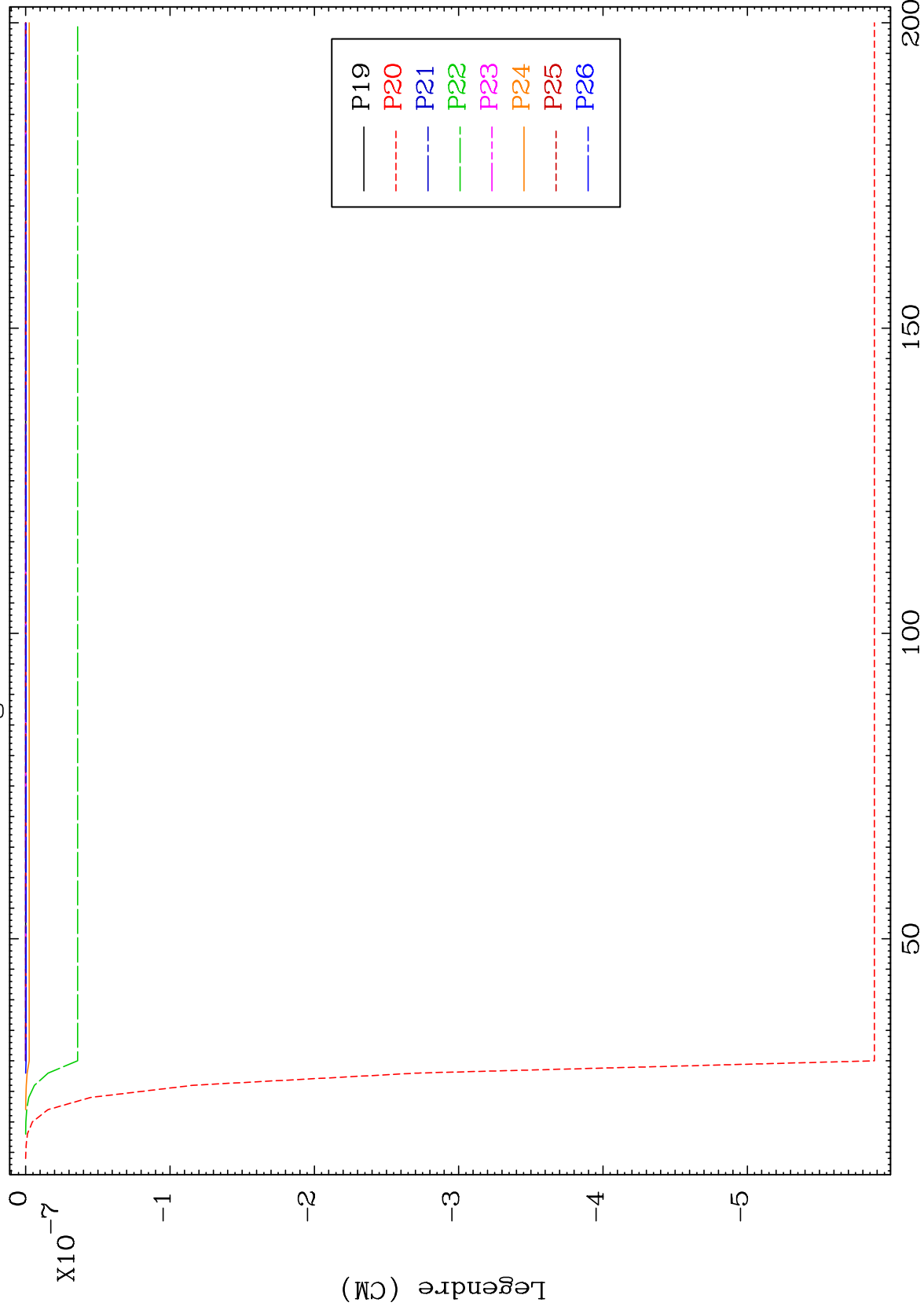
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



73

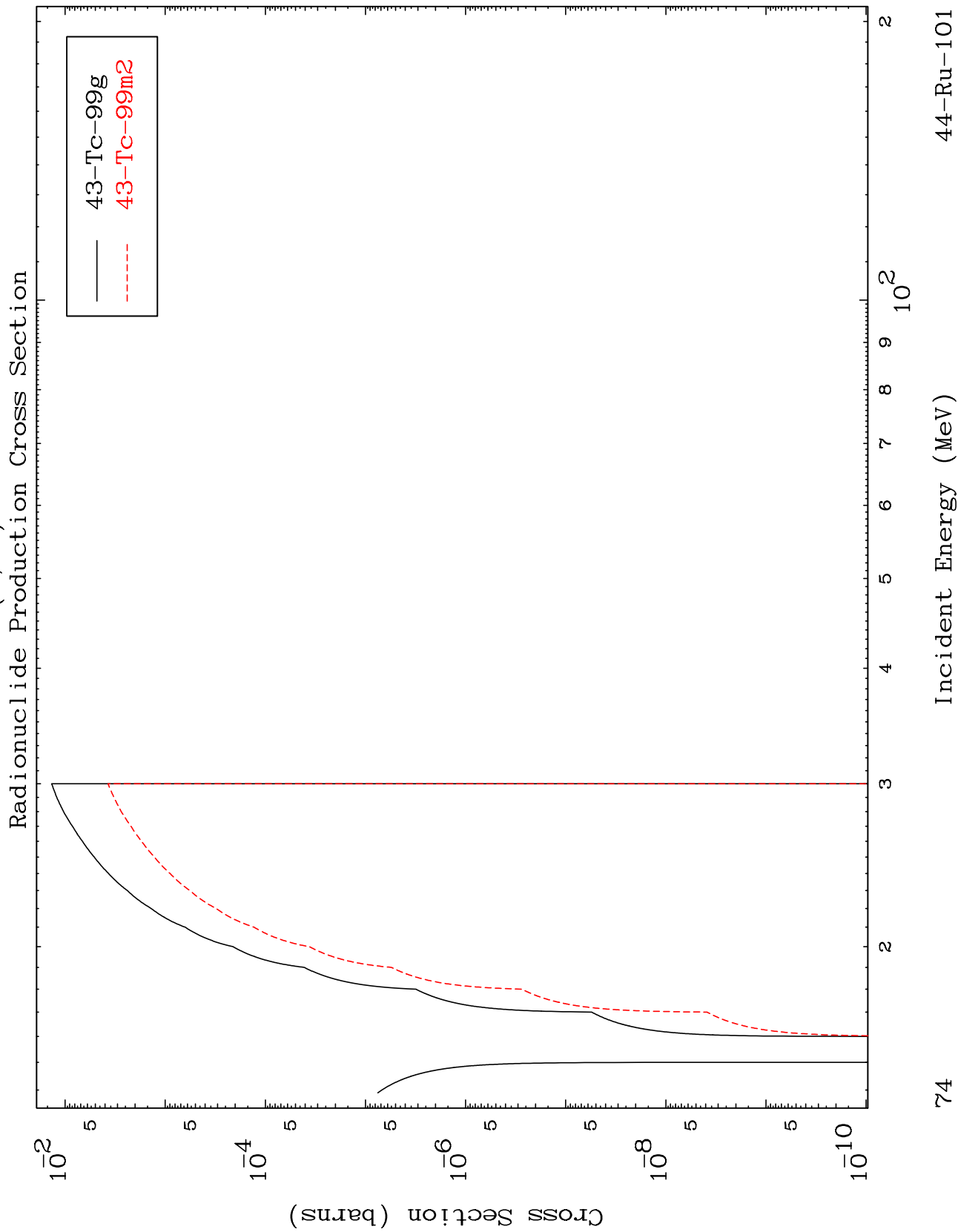
Incident Energy (MeV)

44-Ru-101

MAT 4440

(n,n') d

44-Ru-101



74

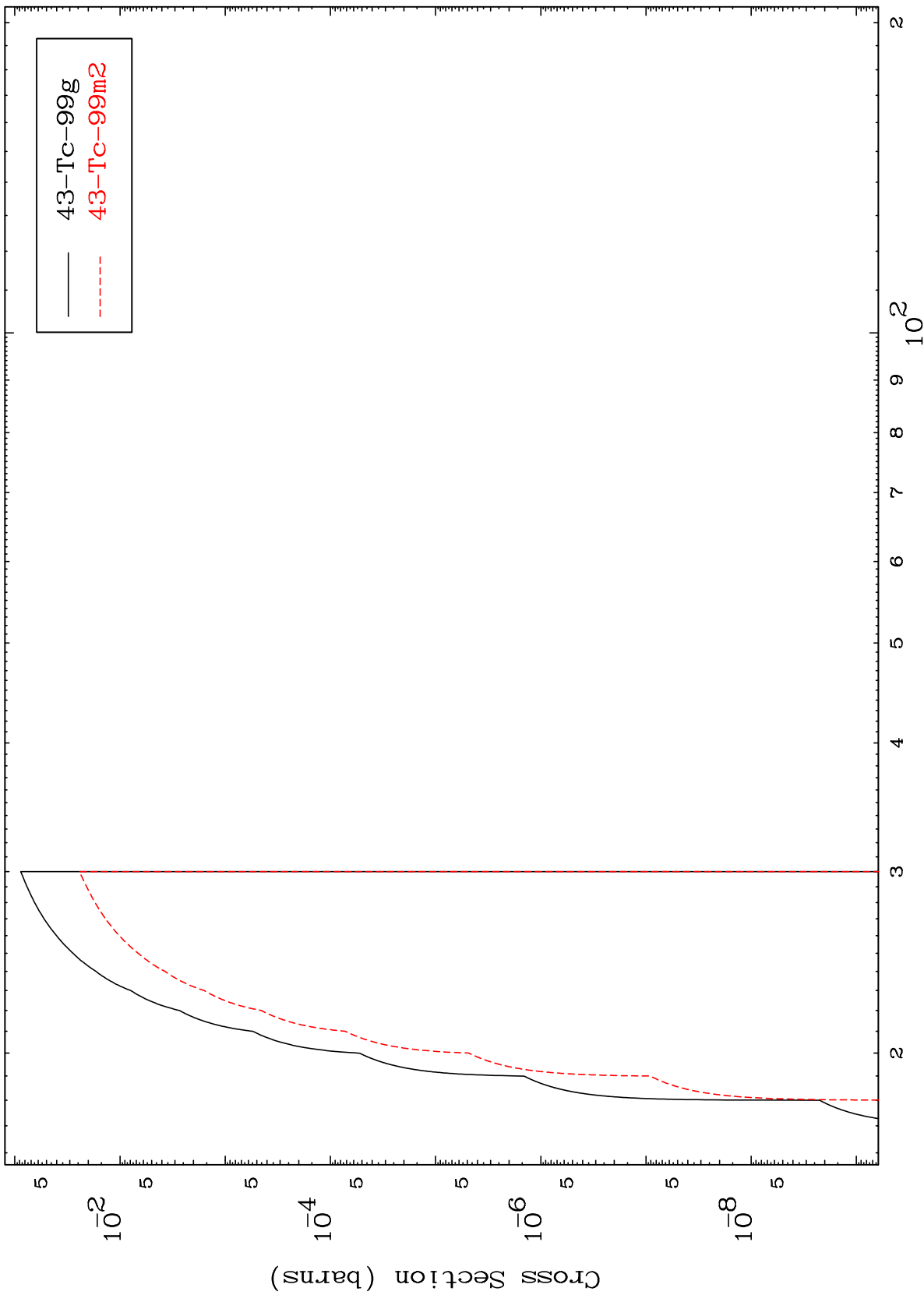
44-Ru-101

MAT 4440

(n,2n) p

44-Ru-101

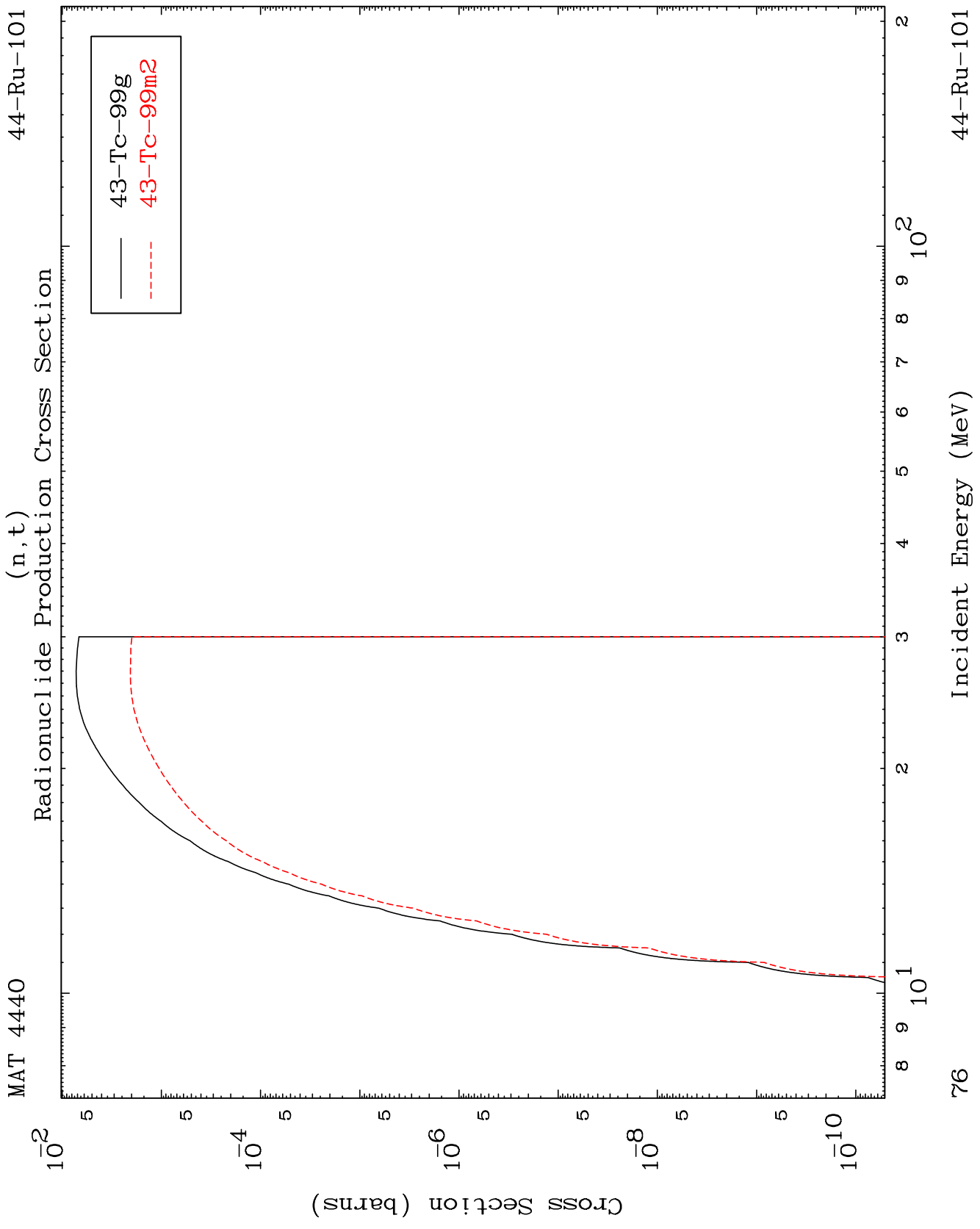
Radionuclide Production Cross Section



75

Incident Energy (MeV)

44-Ru-101

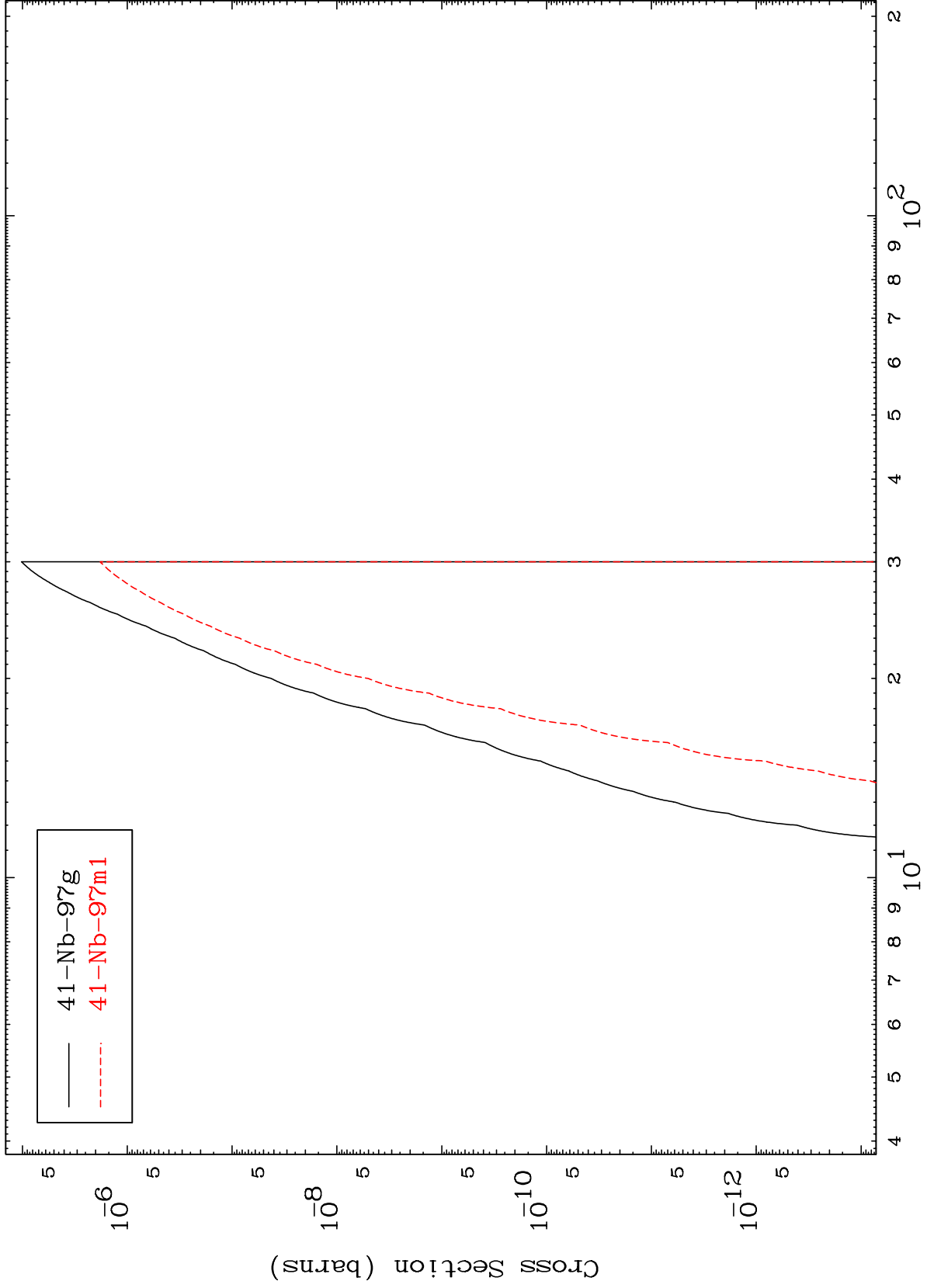


MAT 4440

(n,p) α

44-Ru-101

Radionuclide Production Cross Section



77

Incident Energy (MeV)

44-Ru-101