

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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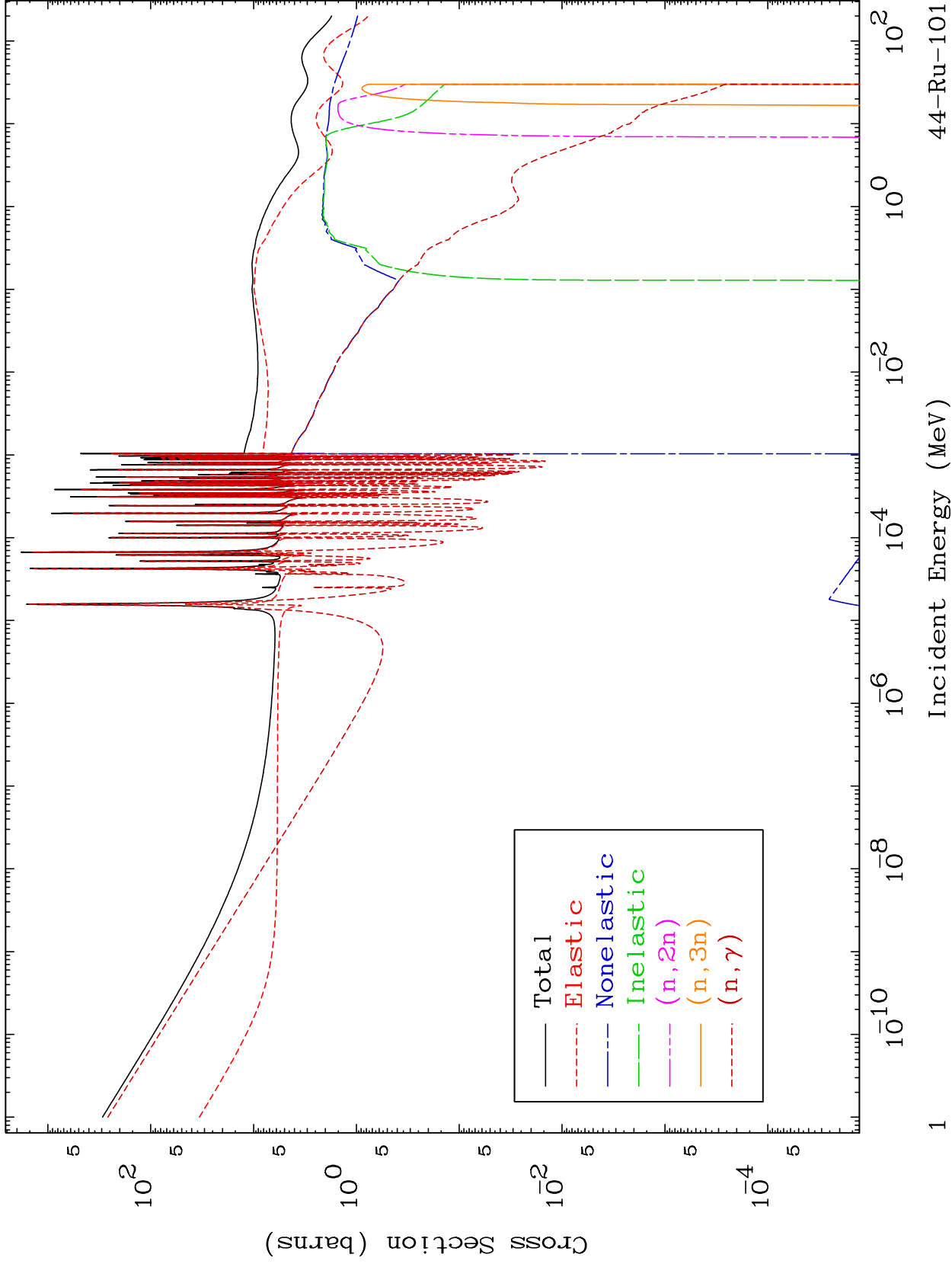
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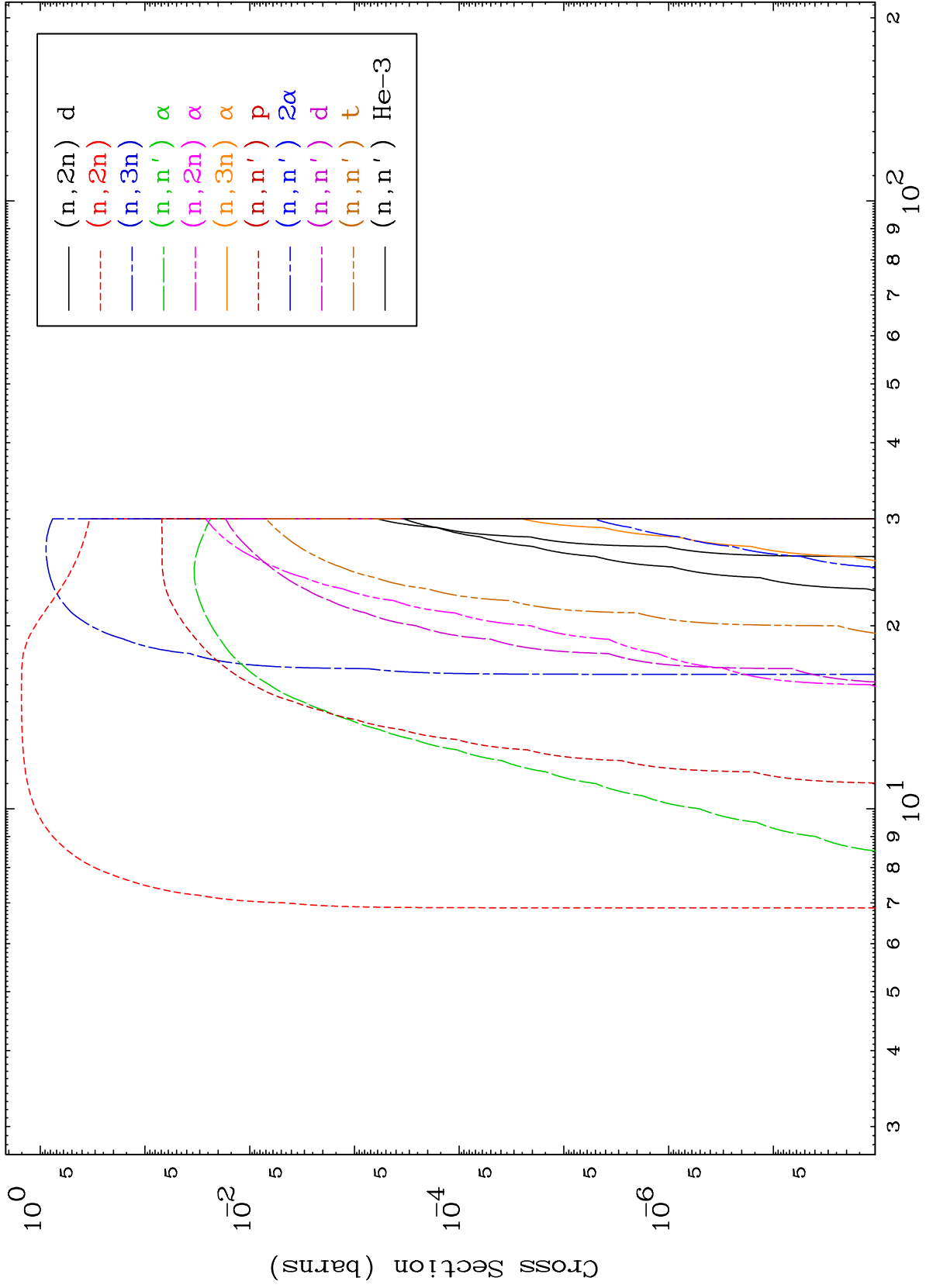
Press Mouse Button to Start

MAT 4440

Neutron Major  
293 Kelvin Cross Sections

44-Ru-101

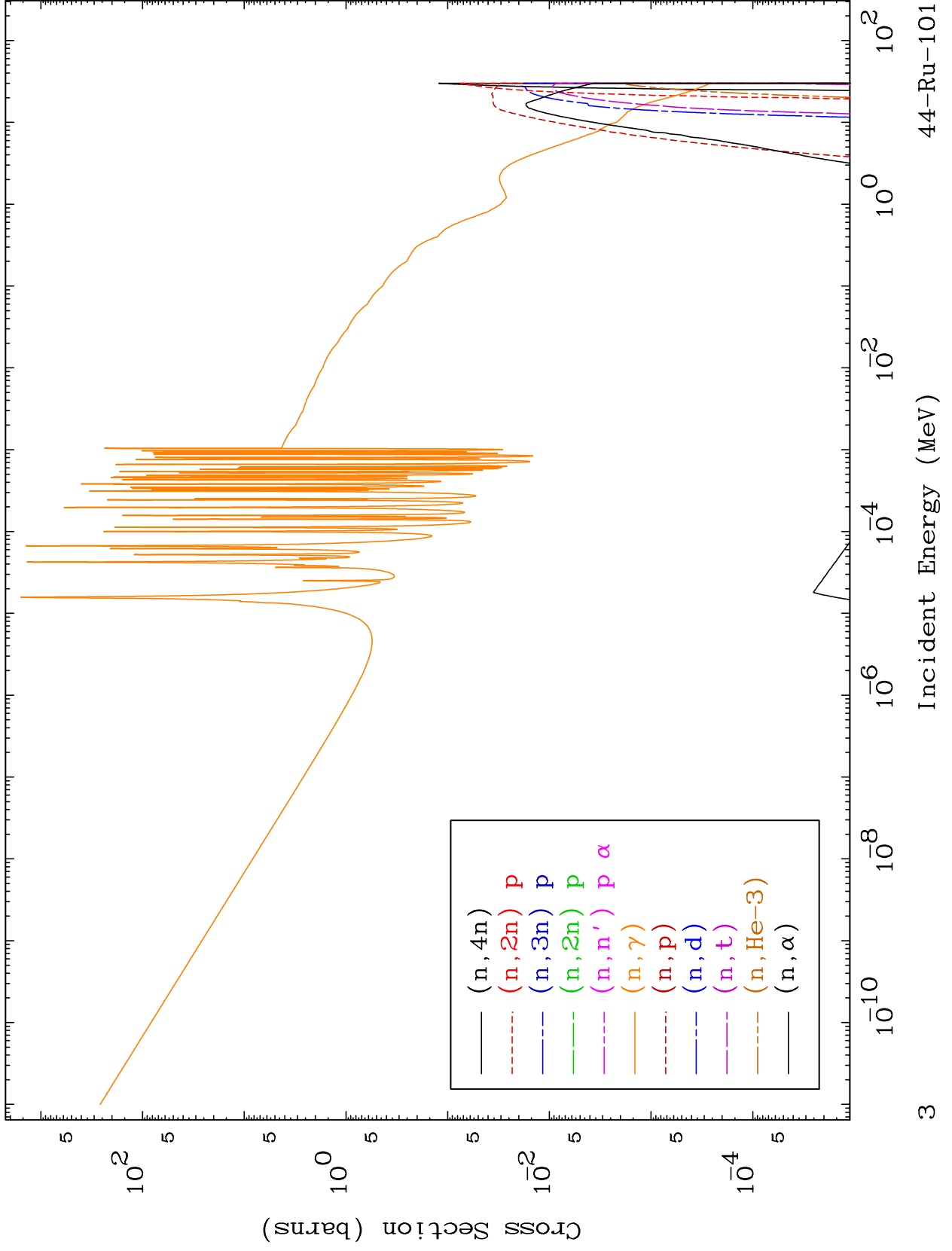




MAT 4440

Neutron Absorption  
293 Kelvin Cross Sections

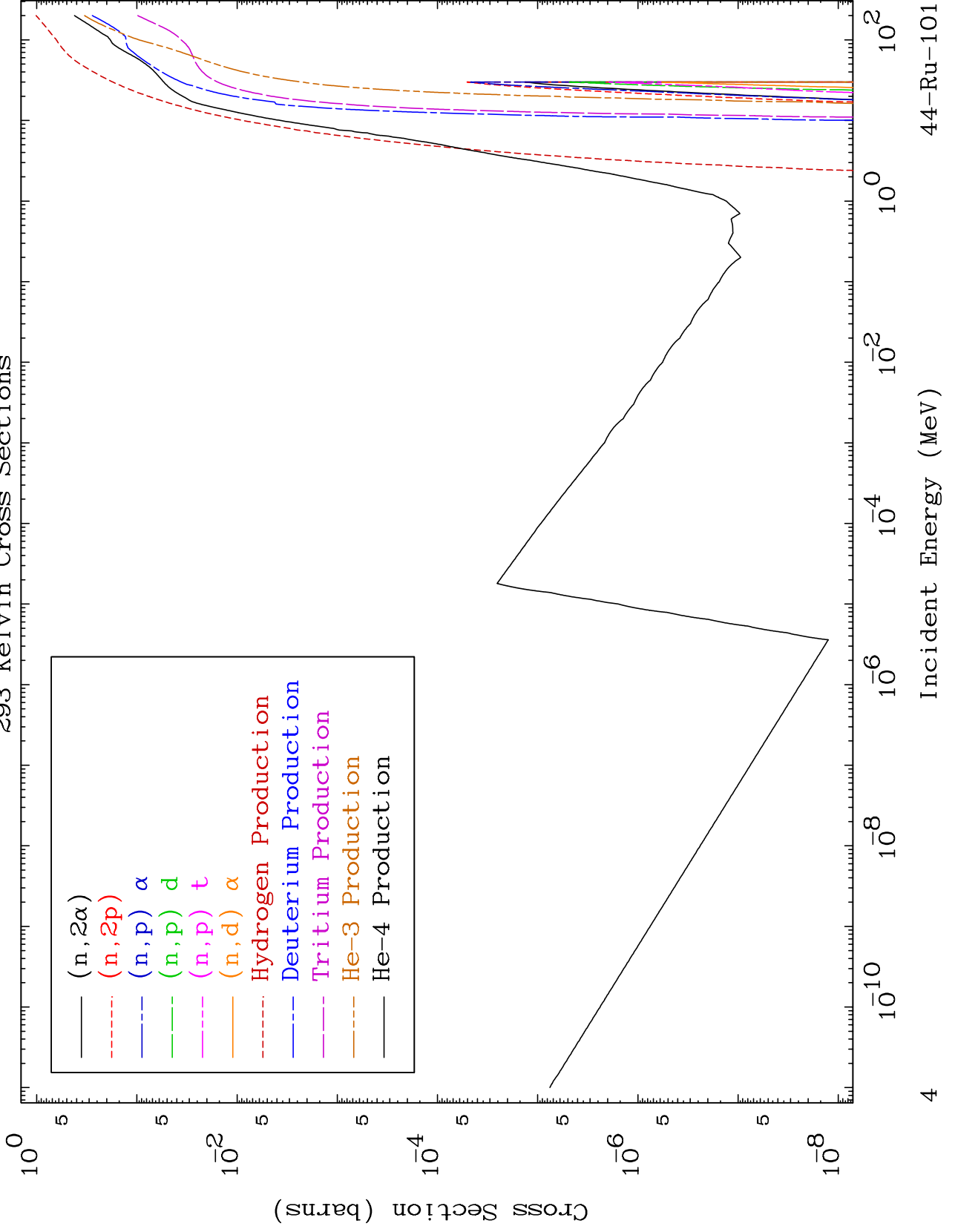
44-Ru-101



MAT 4440

Neutron Absorption  
293 Kelvin Cross Sections

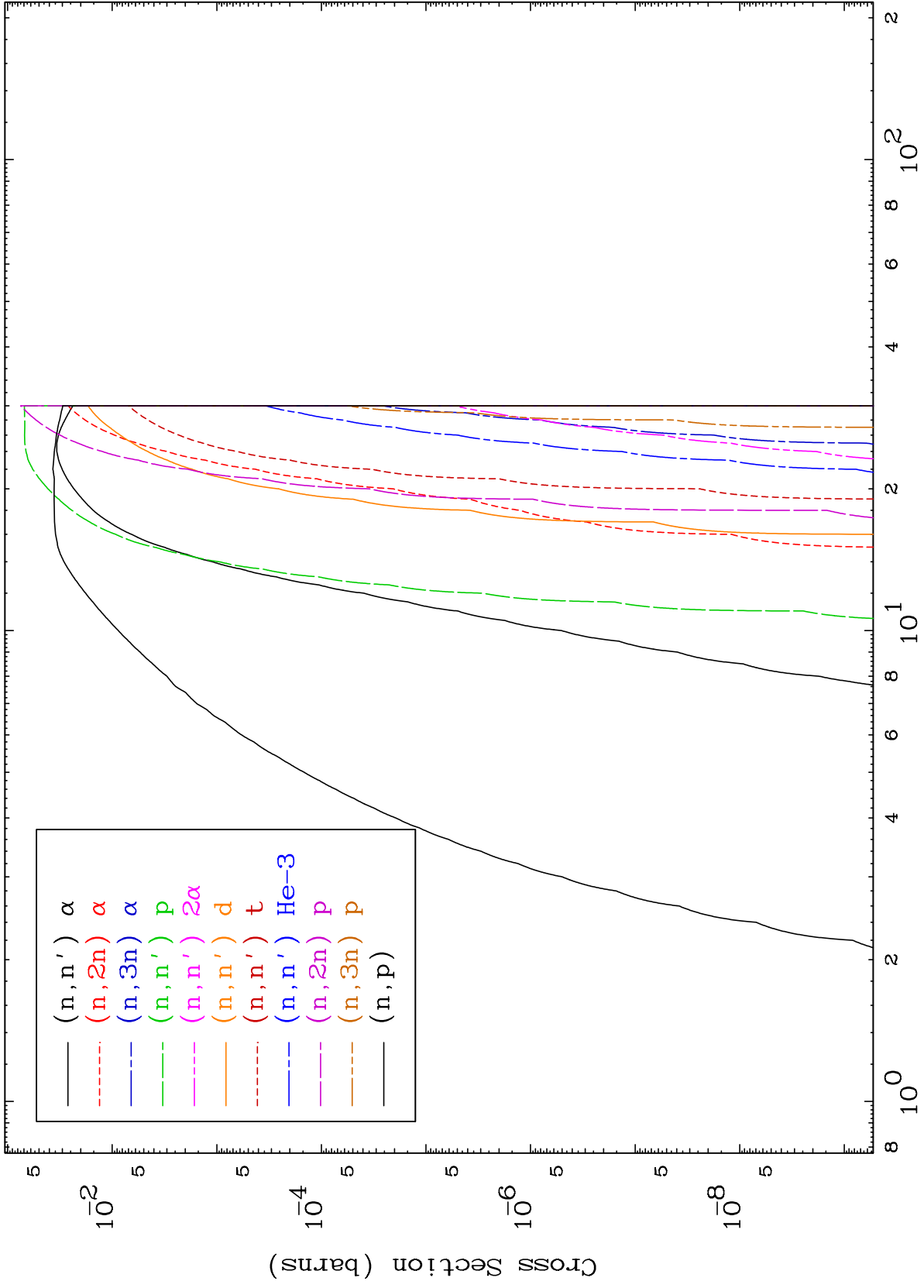
44-Ru-101



MAT 4440

Charged Particle  
293 Kelvin Cross Sections

44-Ru-101



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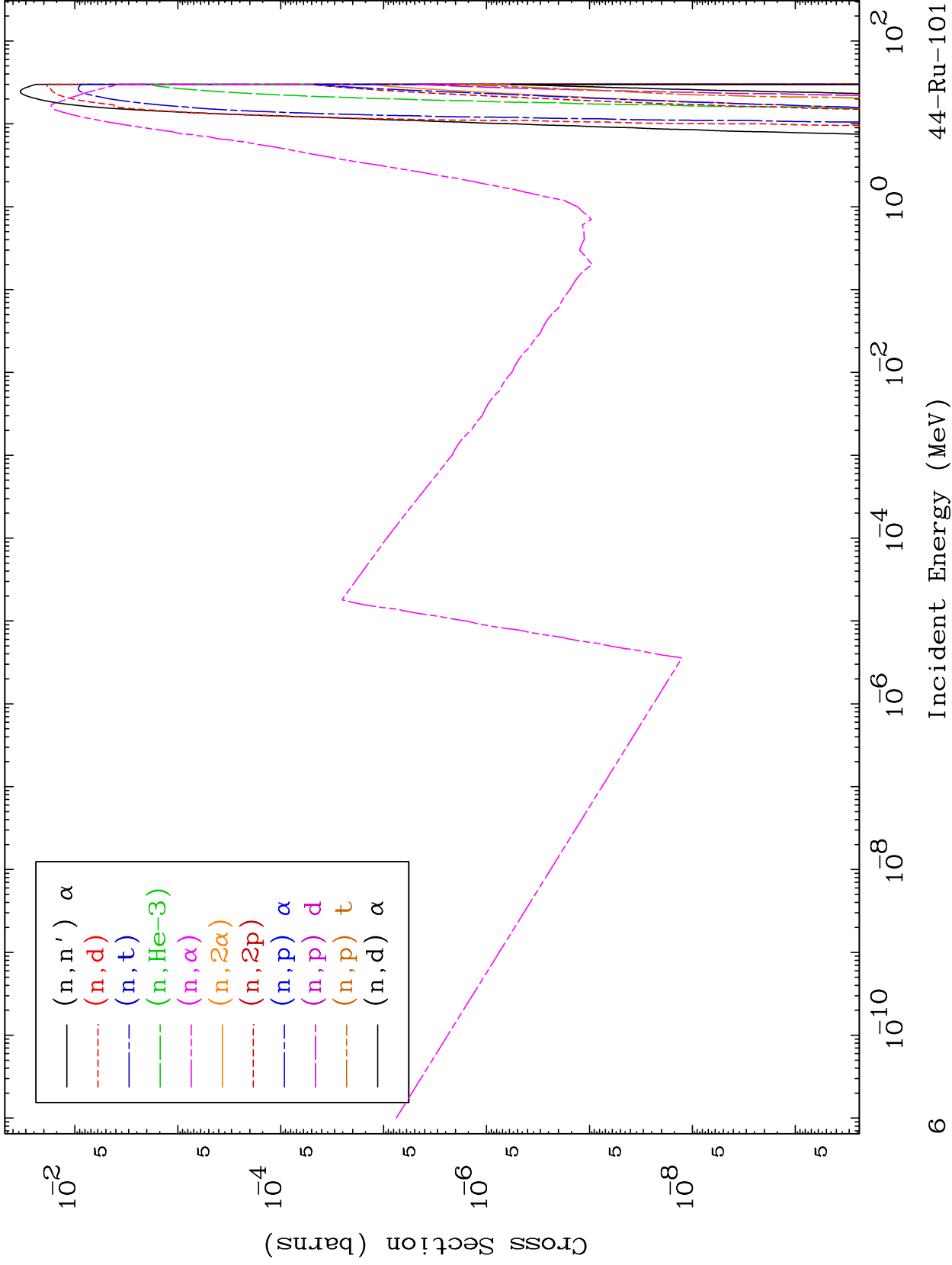
Incident Energy (MeV)

44-Ru-101

MAT 4440

Charged Particle  
293 Kelvin Cross Sections

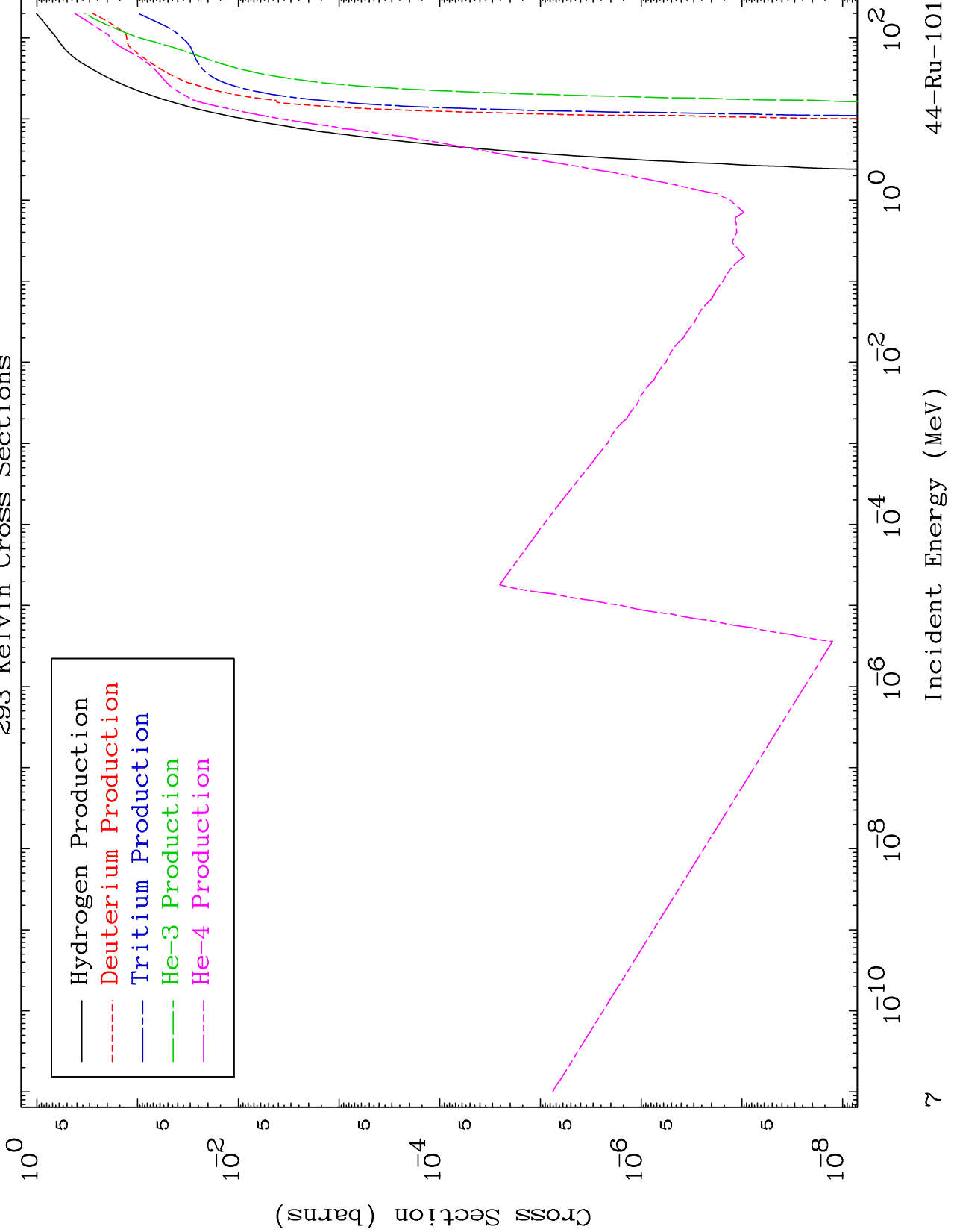
44-Ru-101



MAT 4440

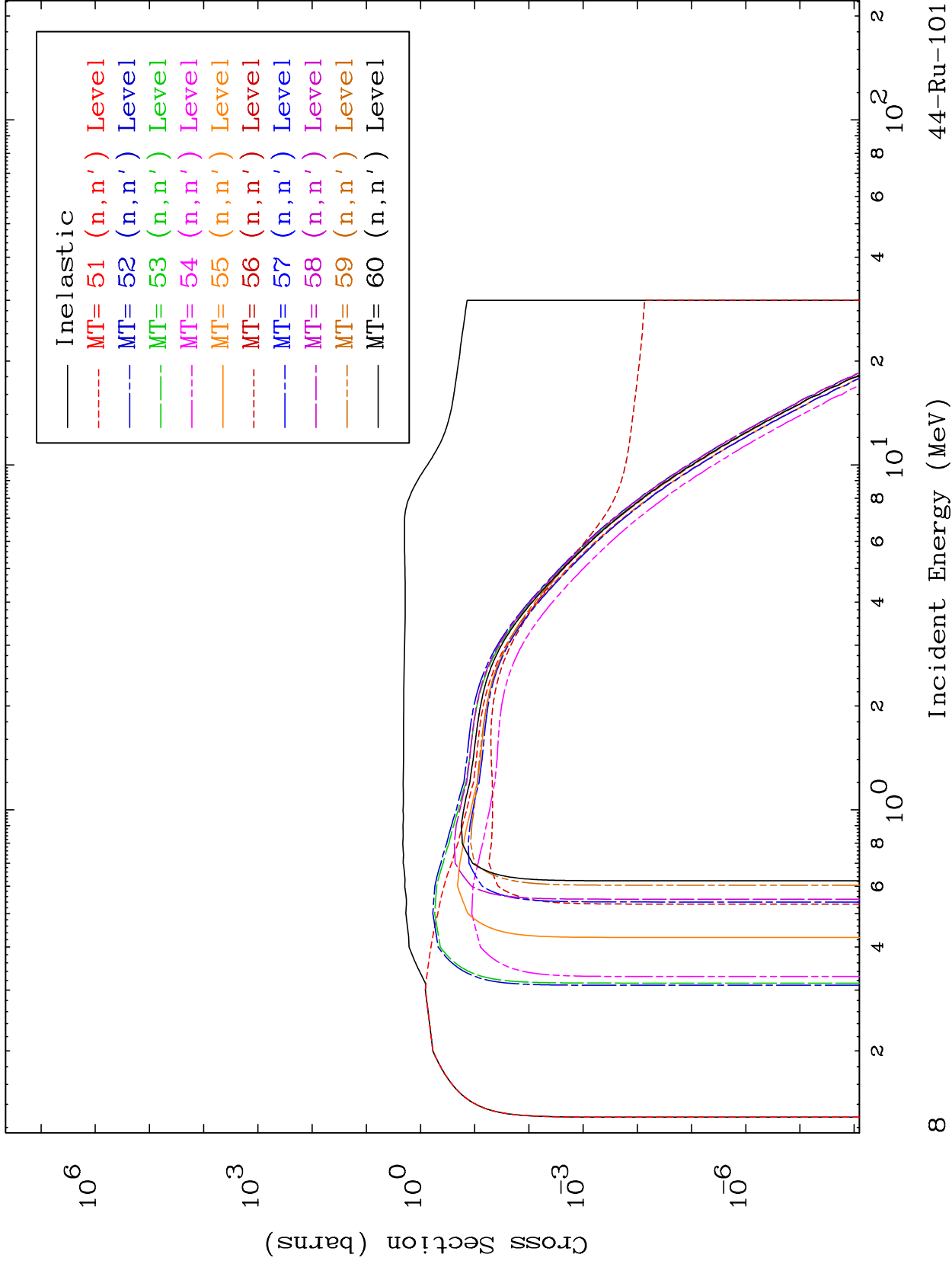
Particle Production  
293 Kelvin Cross Sections

44-Ru-101

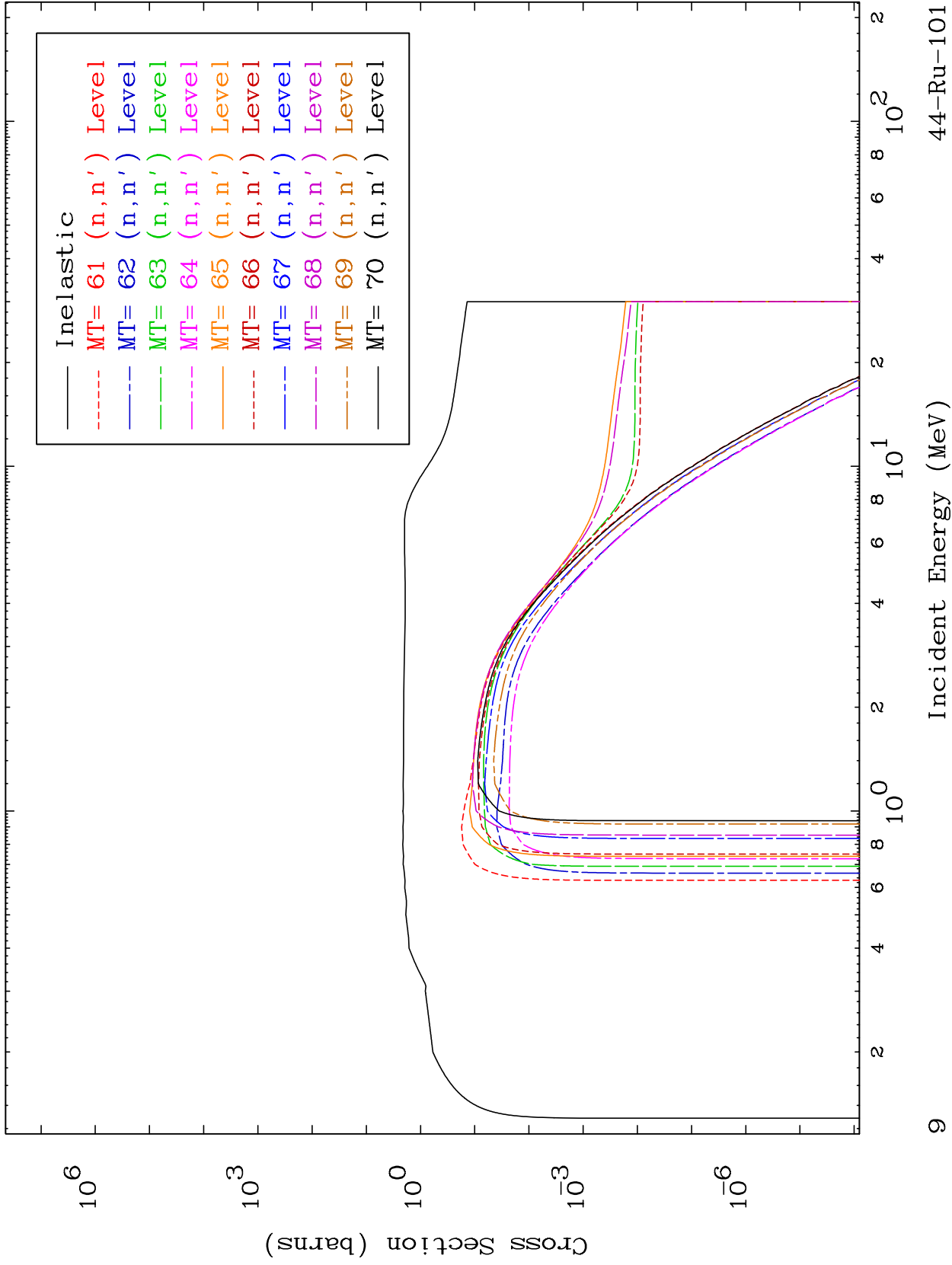




293 Kelvin Cross Sections



293 Kelvin Cross Sections

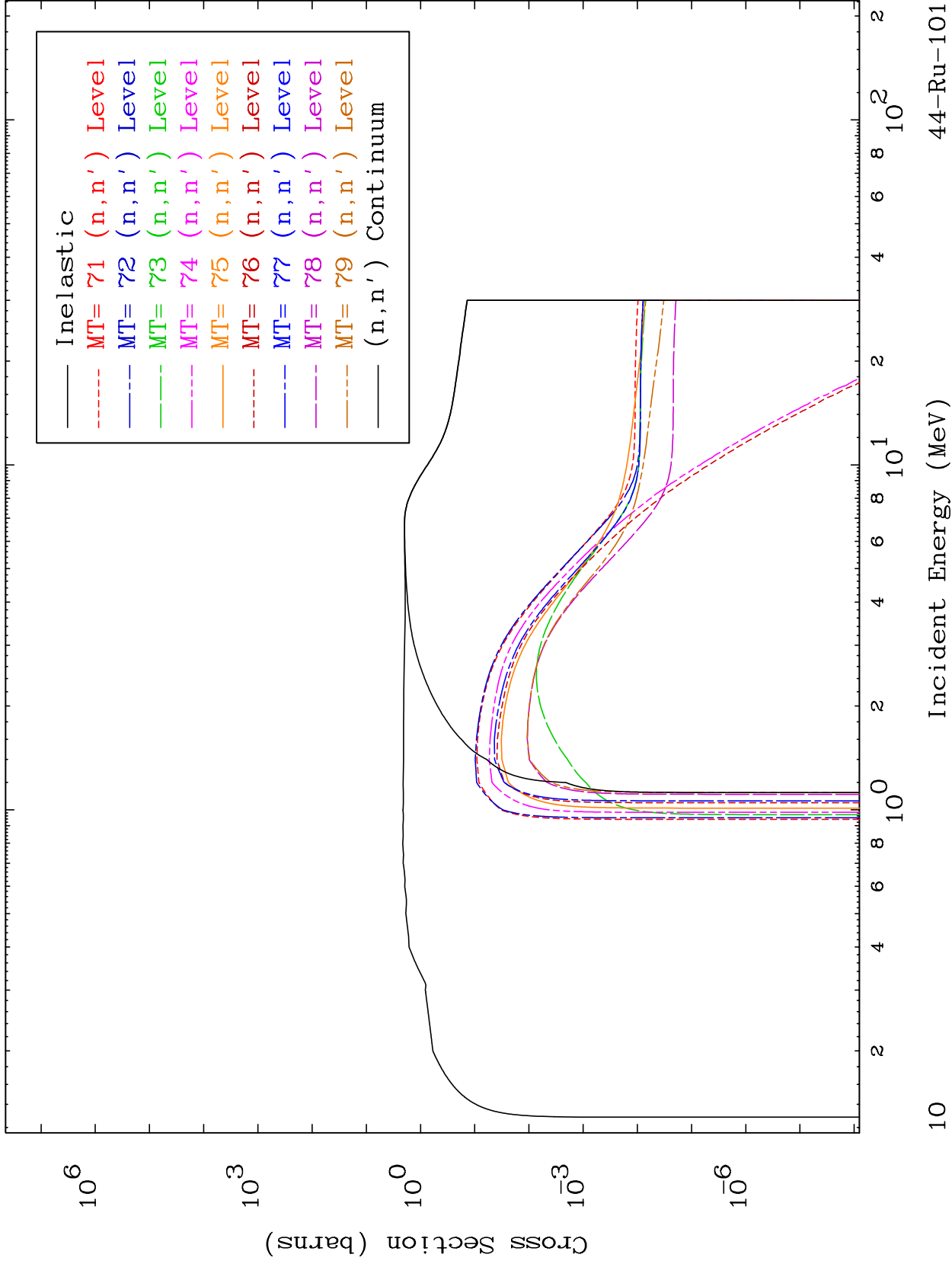


MAT 4440

(n,n') Levels

44-Ru-101

293 Kelvin Cross Sections



10

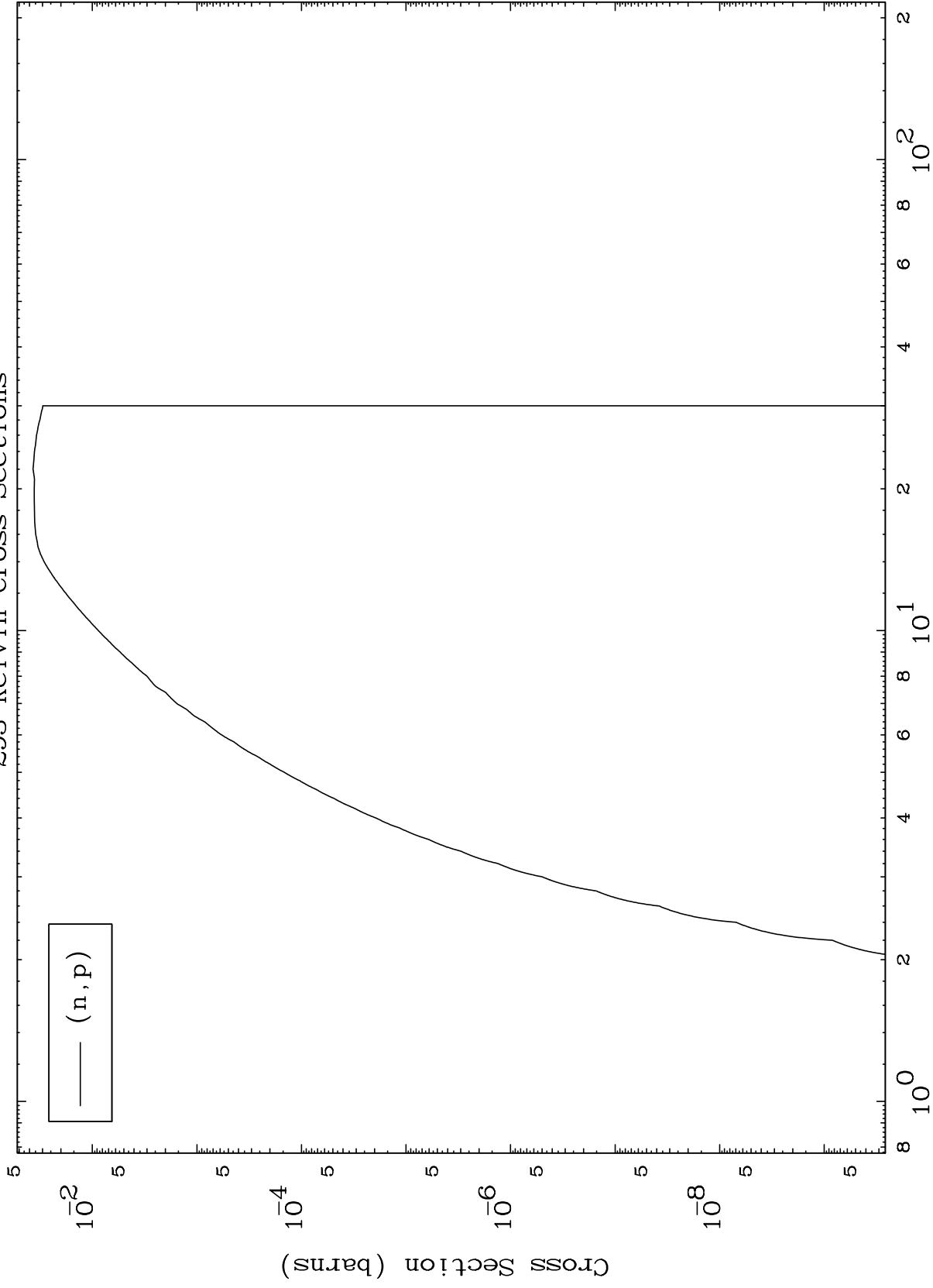
Incident Energy (MeV)

44-Ru-101

MAT 4440

(n,p) Levels  
293 Kelvin Cross Sections

44-Ru-101



11

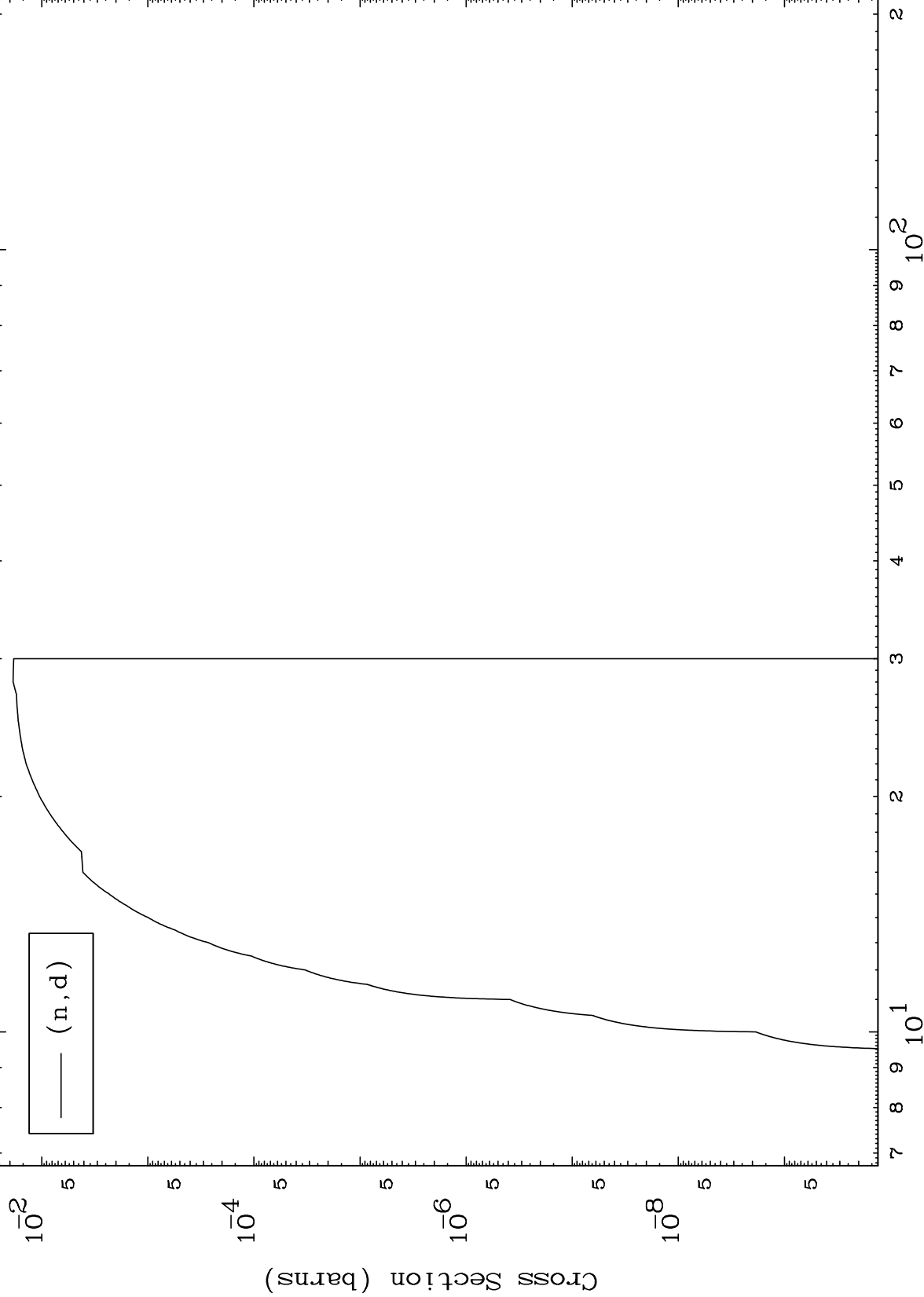
Incident Energy (MeV)

44-Ru-101

MAT 4440

(n,d) Levels  
293 Kelvin Cross Sections

44-Ru-101



12

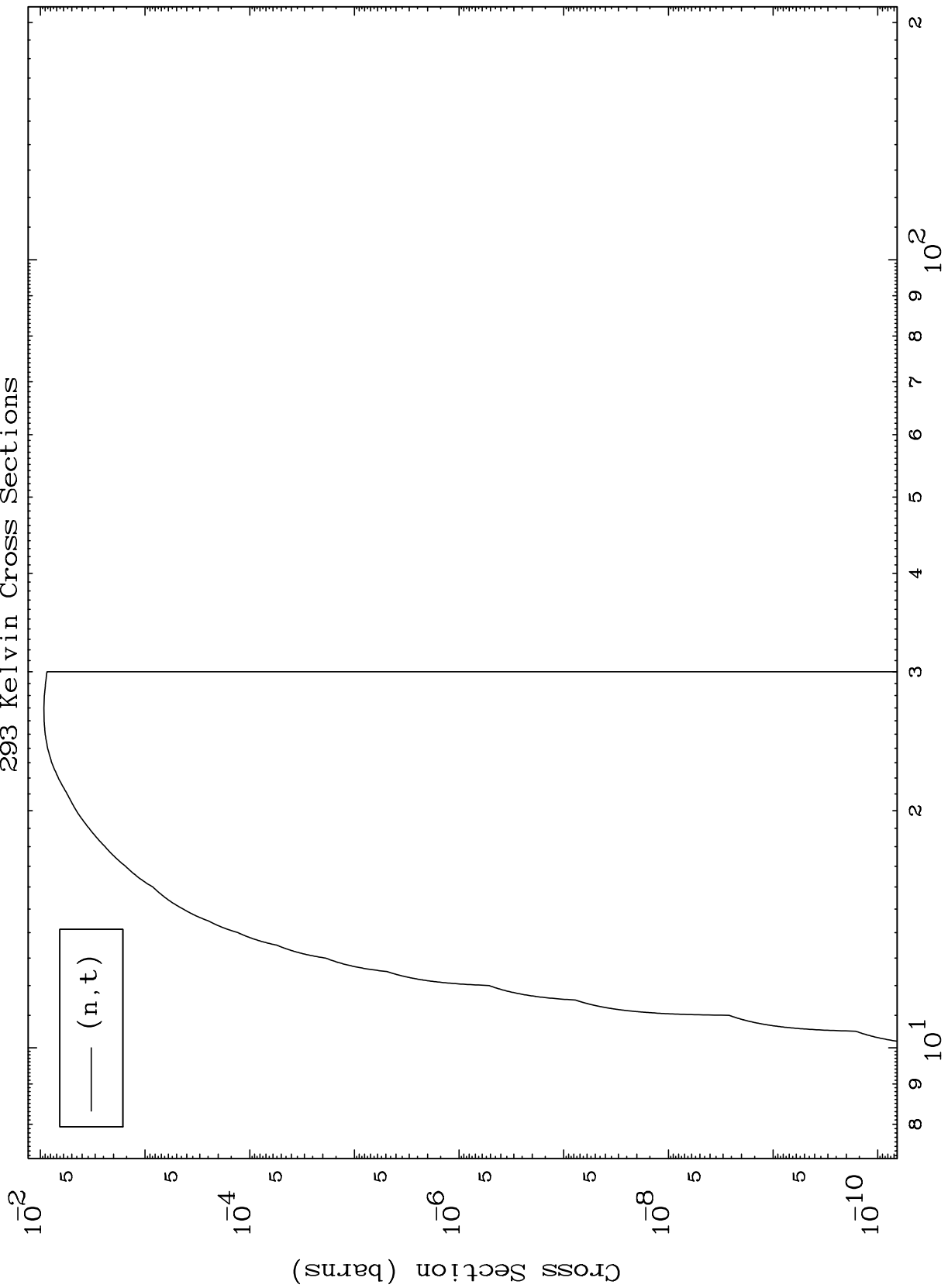
Incident Energy (MeV)

44-Ru-101

MAT 4440

44-Ru-101

(n,t) Levels  
293 Kelvin Cross Sections



44-Ru-101

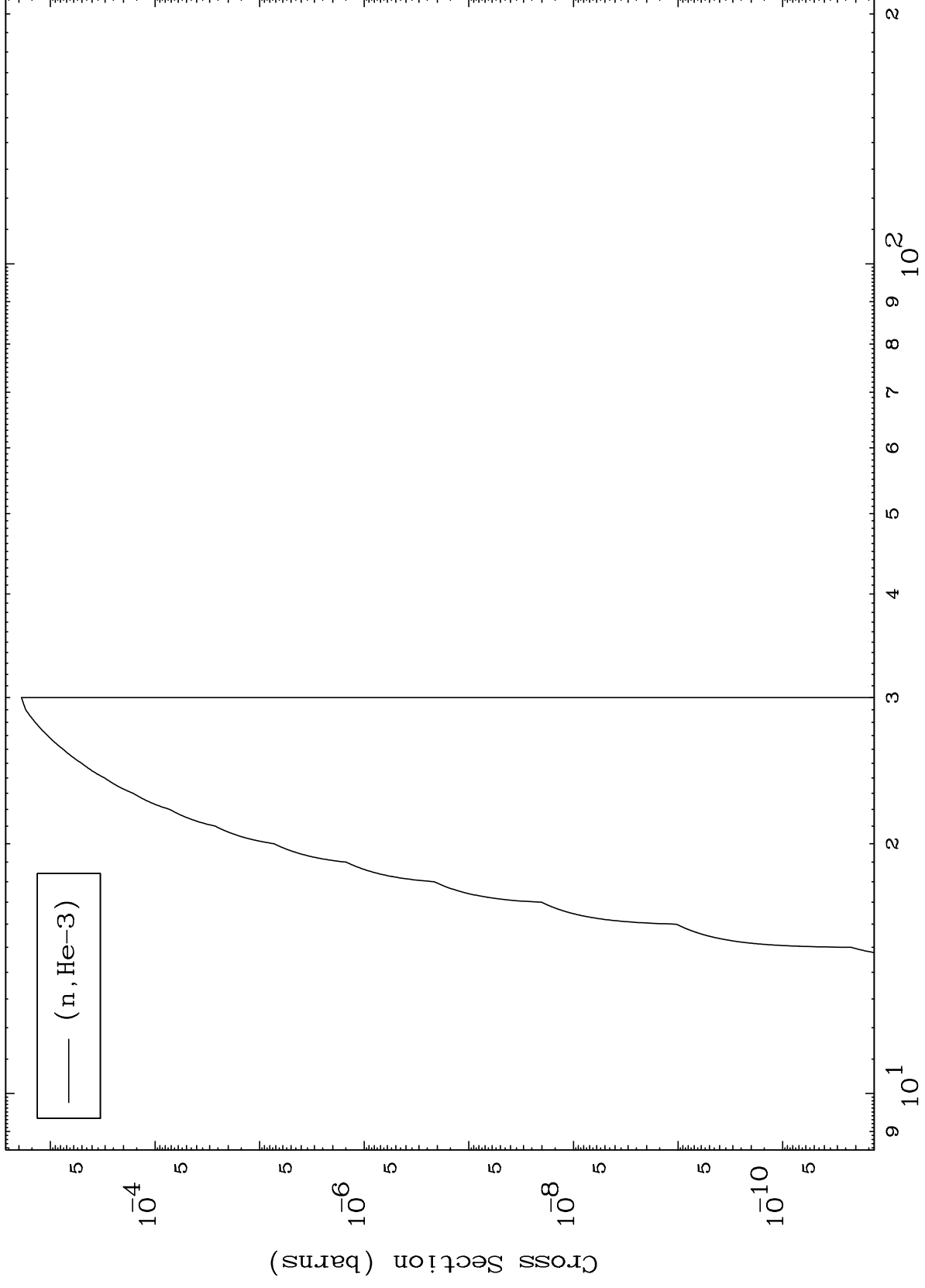
Incident Energy (MeV)

13

MAT 4440

(n,He3) Levels  
293 Kelvin Cross Sections

44-Ru-101



14

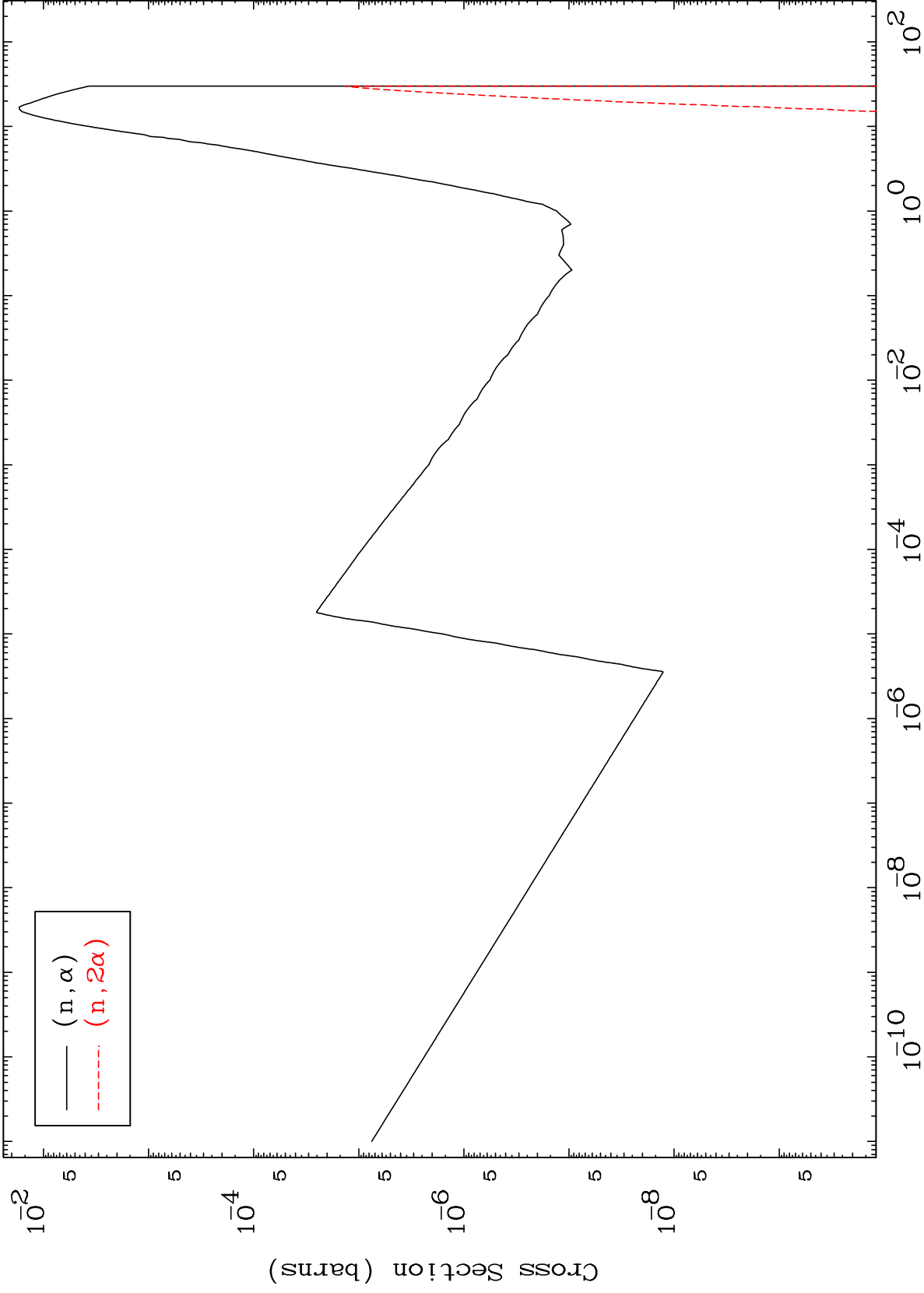
Incident Energy (MeV)

44-Ru-101

MAT 4440

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

44-Ru-101



15

Incident Energy (MeV)

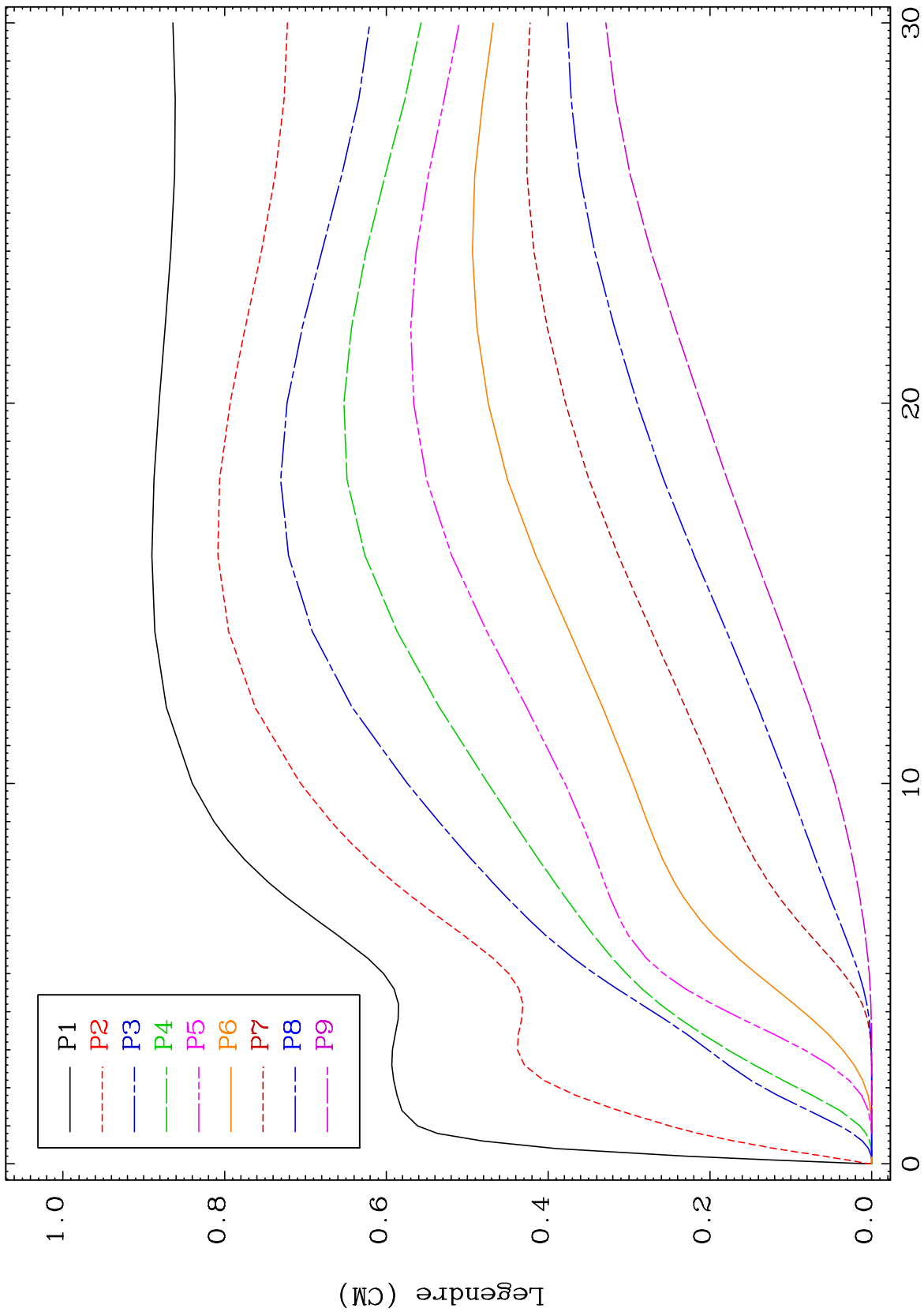
44-Ru-101



MAT 4440

Elastic Legendre Coefficients

44-Ru-101



16

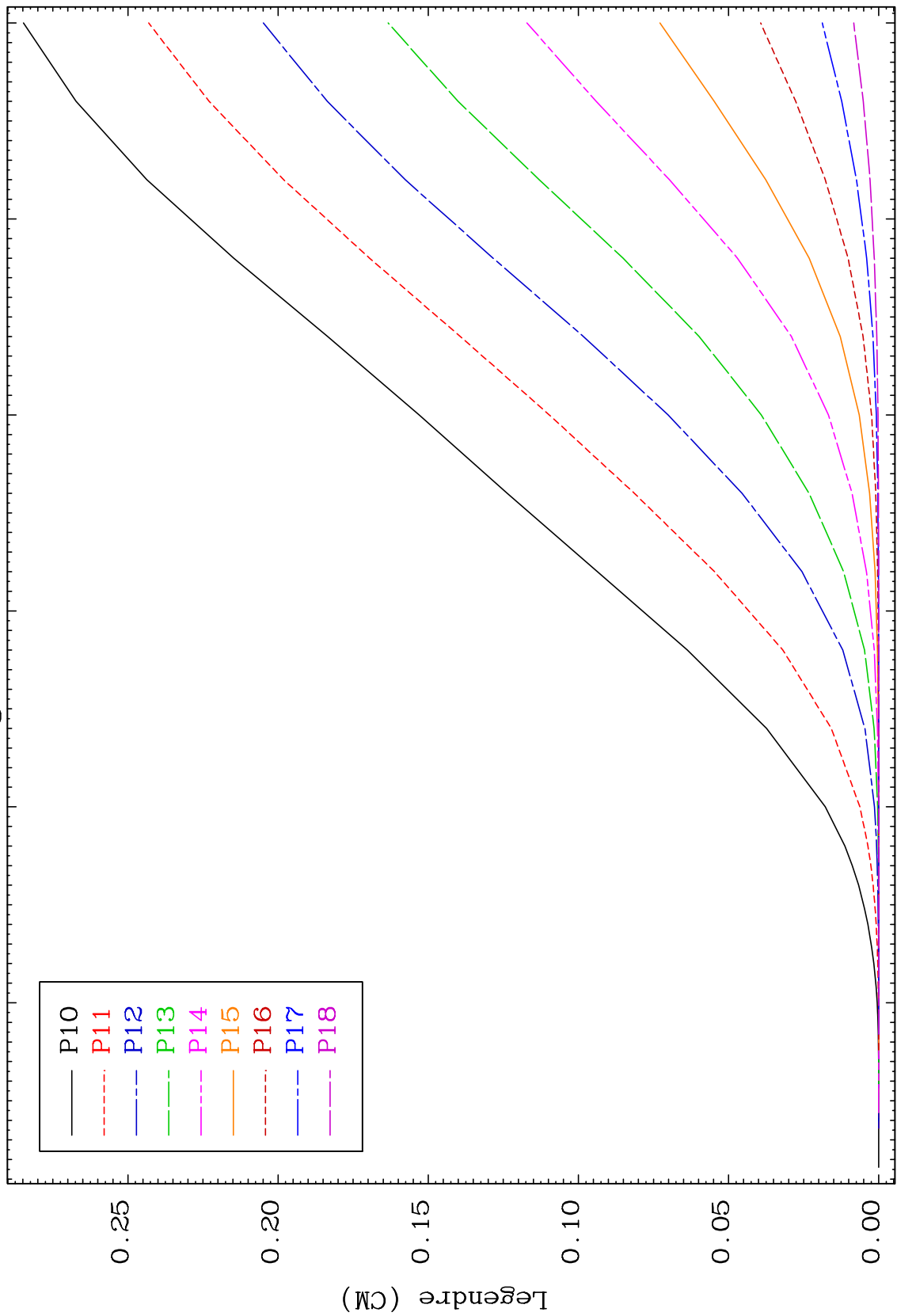
Incident Energy (MeV)

44-Ru-101

MAT 4440

Elastic Legendre Coefficients

44-Ru-101



17

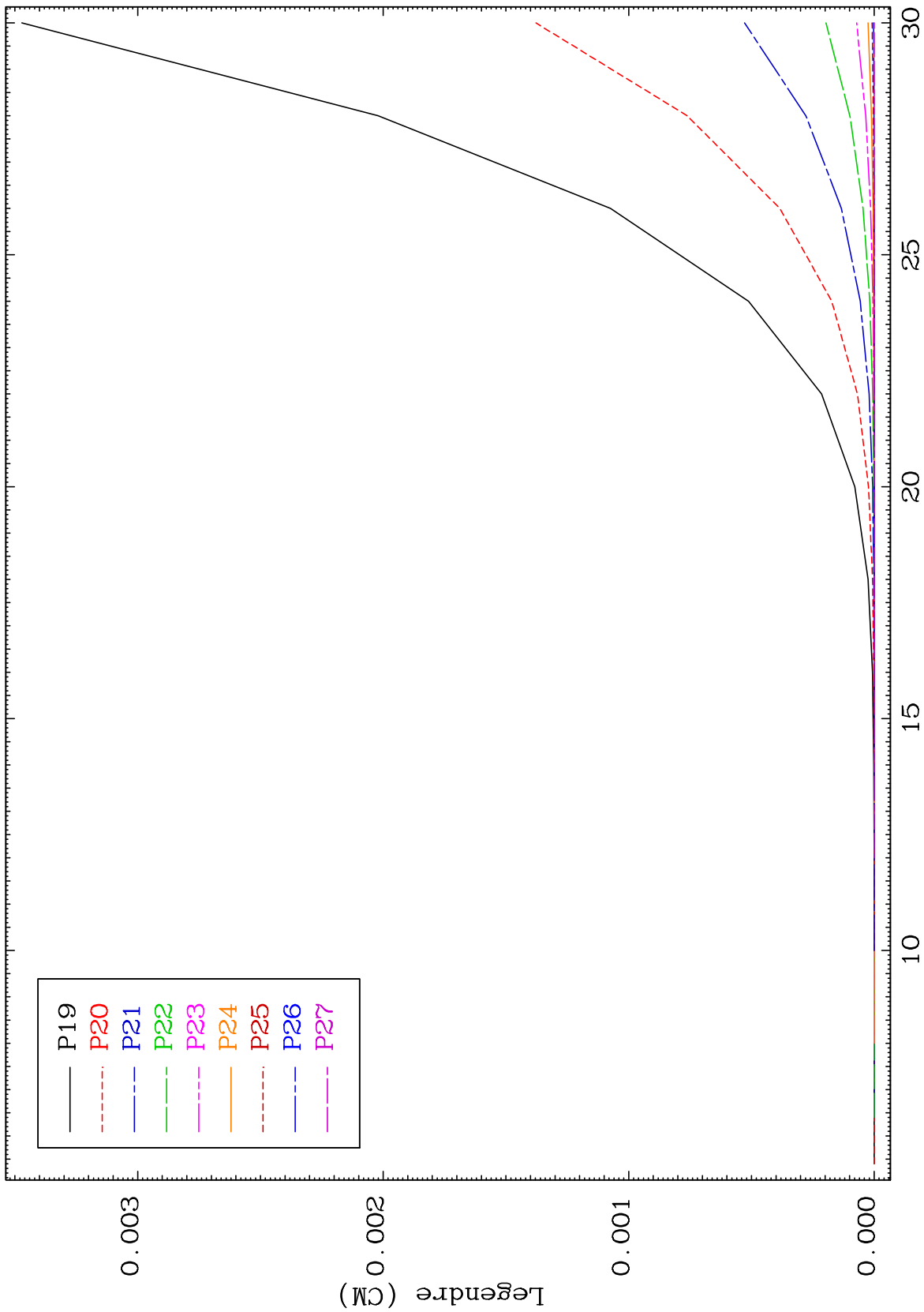
44-Ru-101

Incident Energy (MeV)

MAT 4440

Elastic  
Legendre Coefficients

44-Ru-101



18

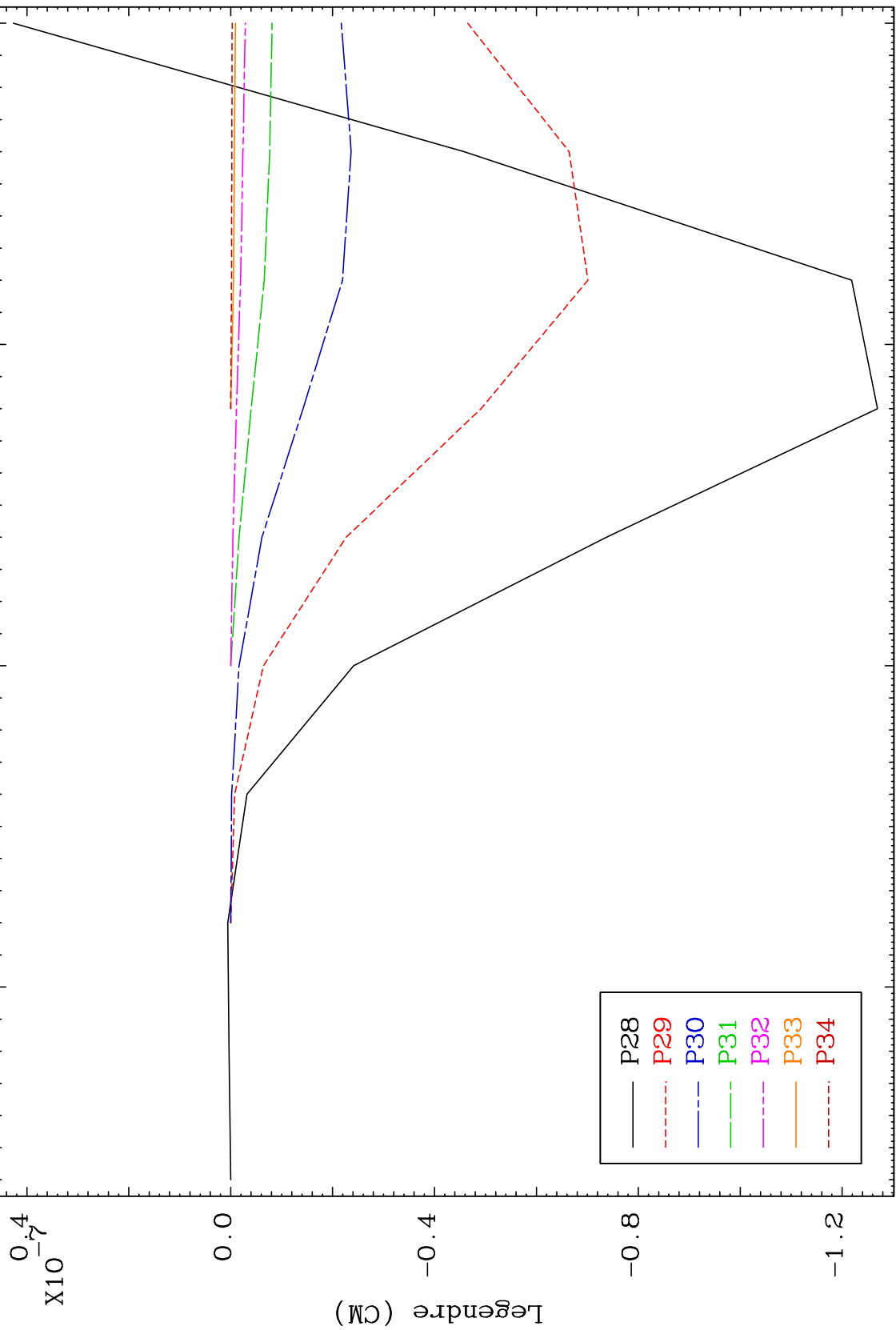
Incident Energy (MeV)

44-Ru-101

MAT 4440

Elastic Legendre Coefficients

44-Ru-101



19

Incident Energy (MeV)

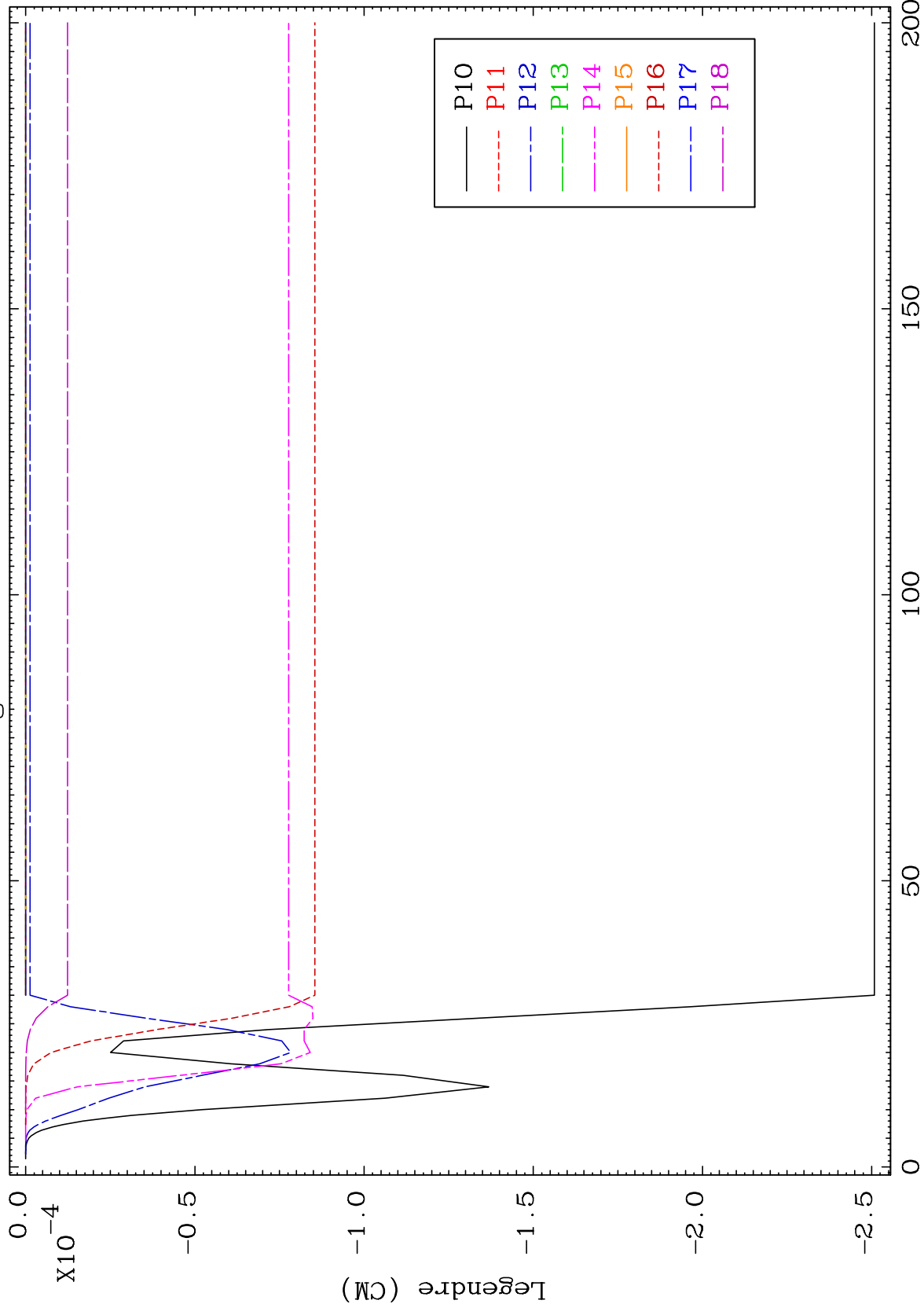
44-Ru-101

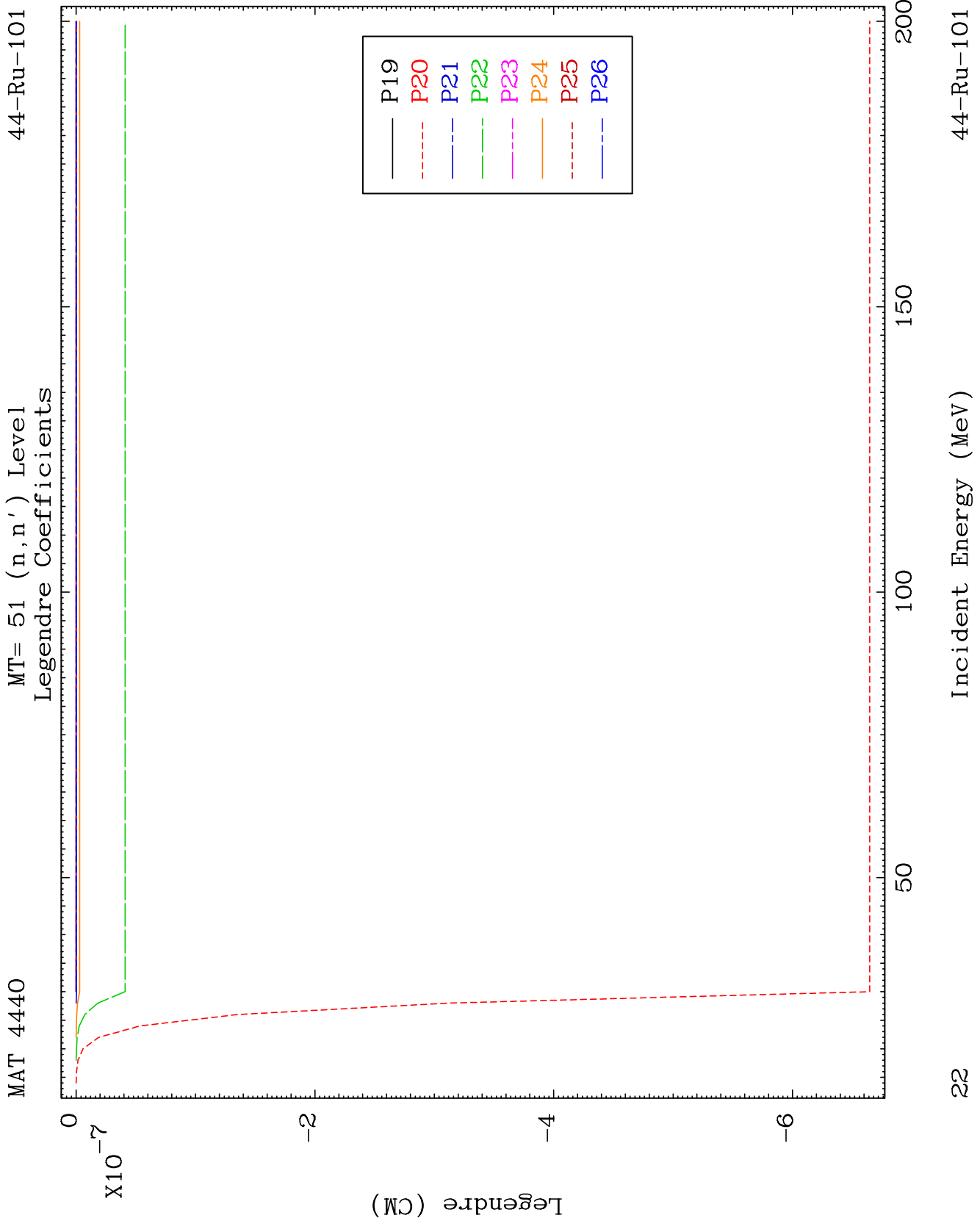


MAT 4440

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

44-Ru-101

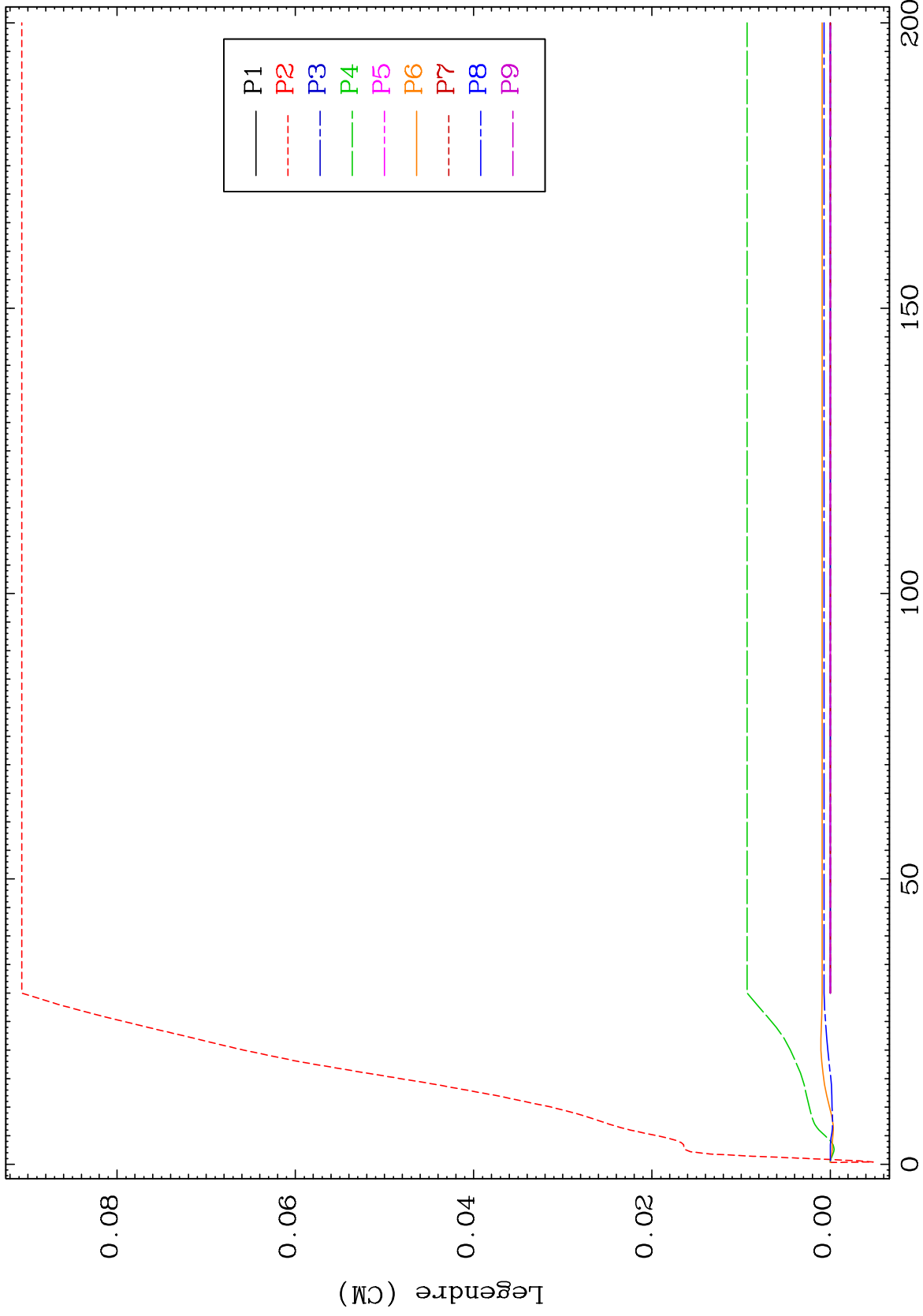




MAT 4440

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

44-Ru-101



23

Incident Energy (MeV)

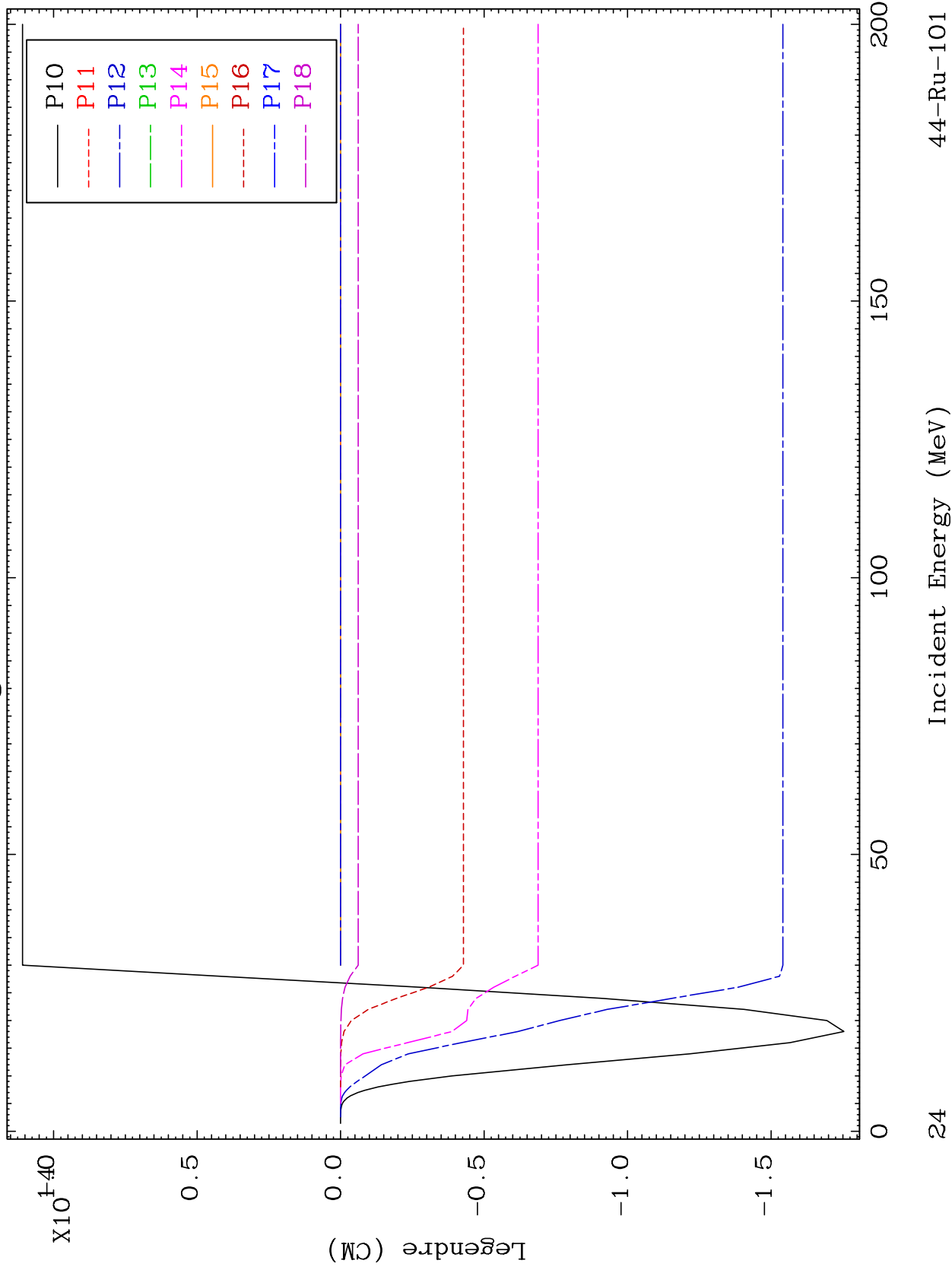
44-Ru-101



MAT 4440

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

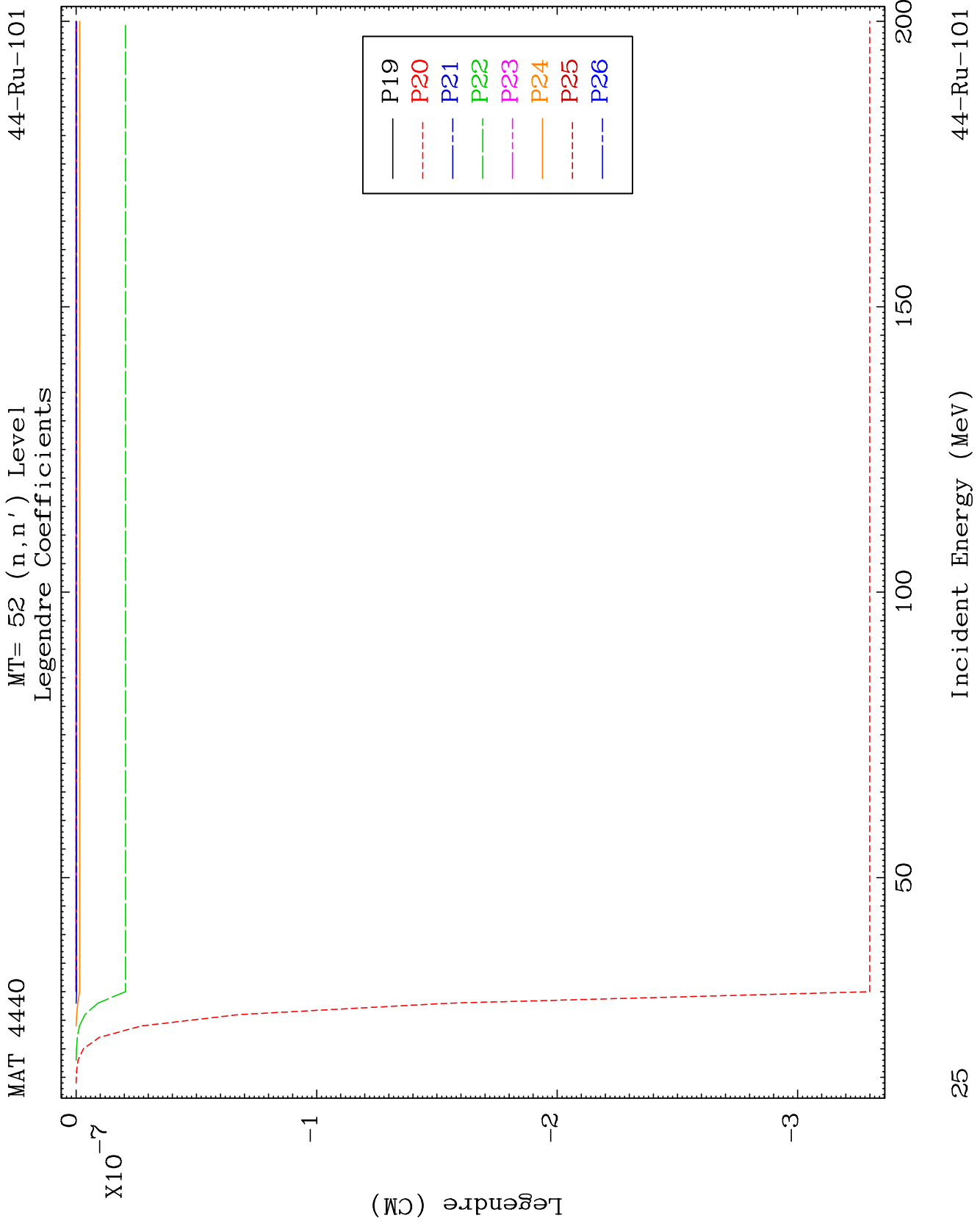
44-Ru-101



24

Incident Energy (MeV)

44-Ru-101

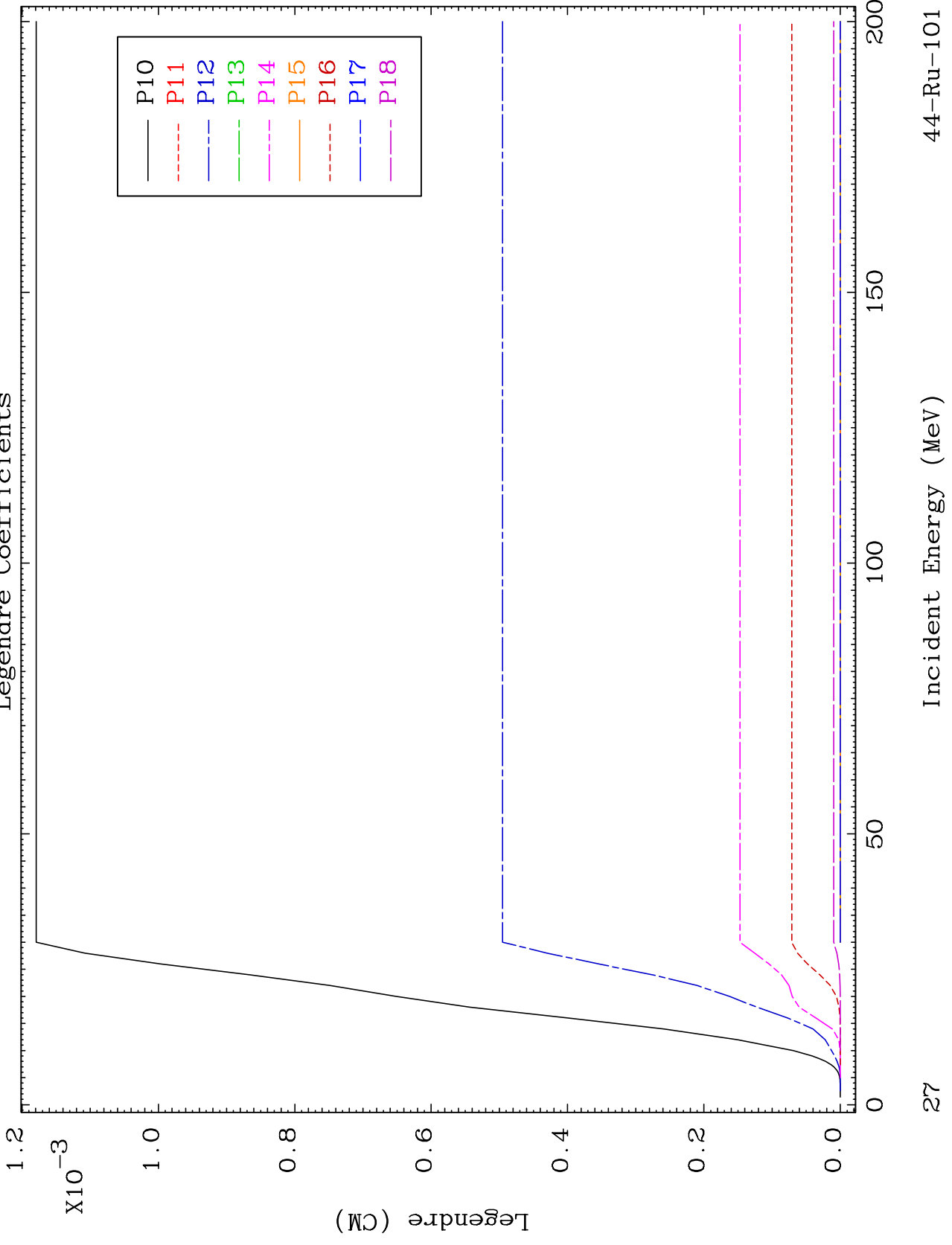




MAT 4440

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

44-Ru-101



27

Incident Energy (MeV)

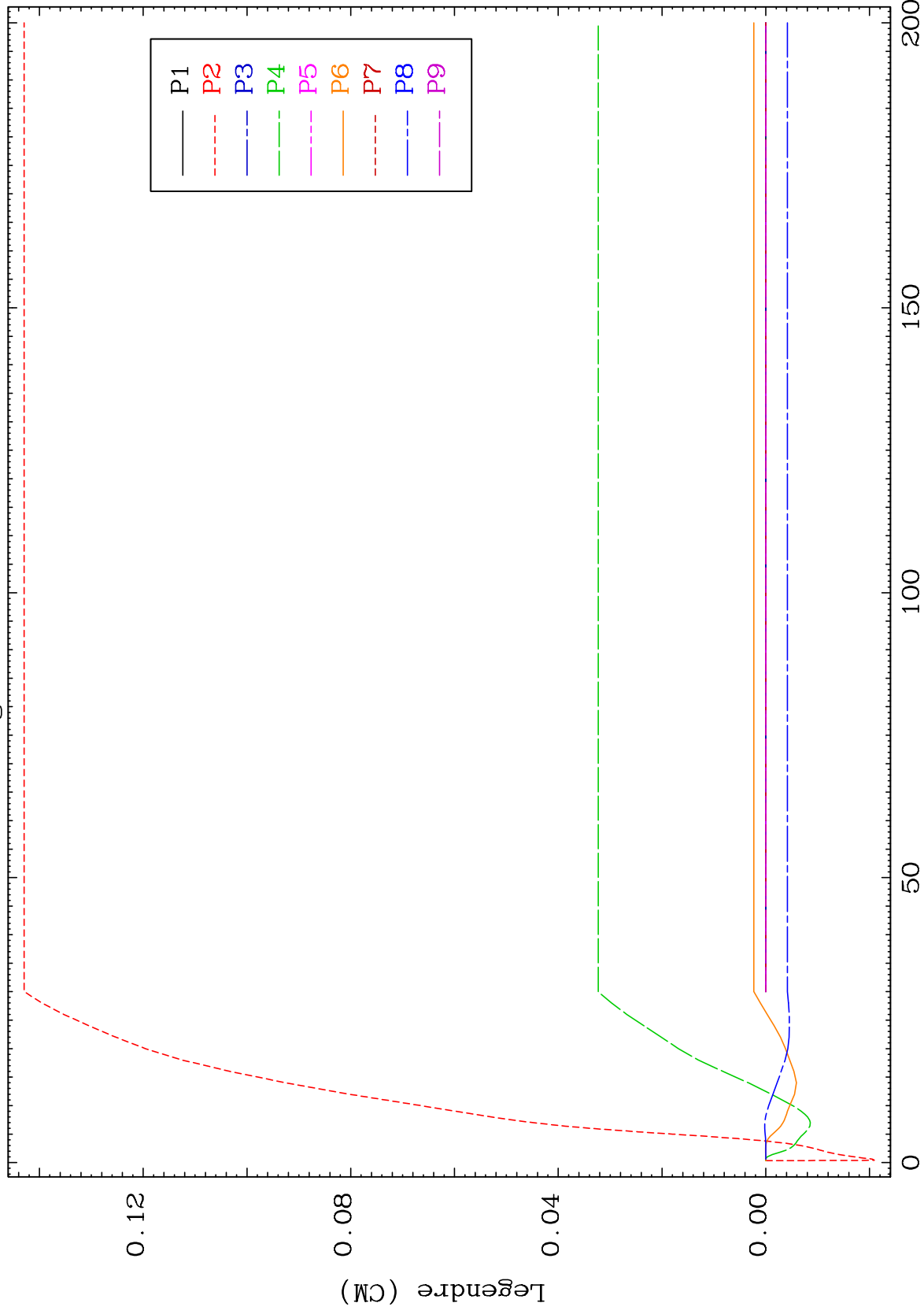
44-Ru-101



MAT 4440

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

44-Ru-101



29

Incident Energy (MeV)

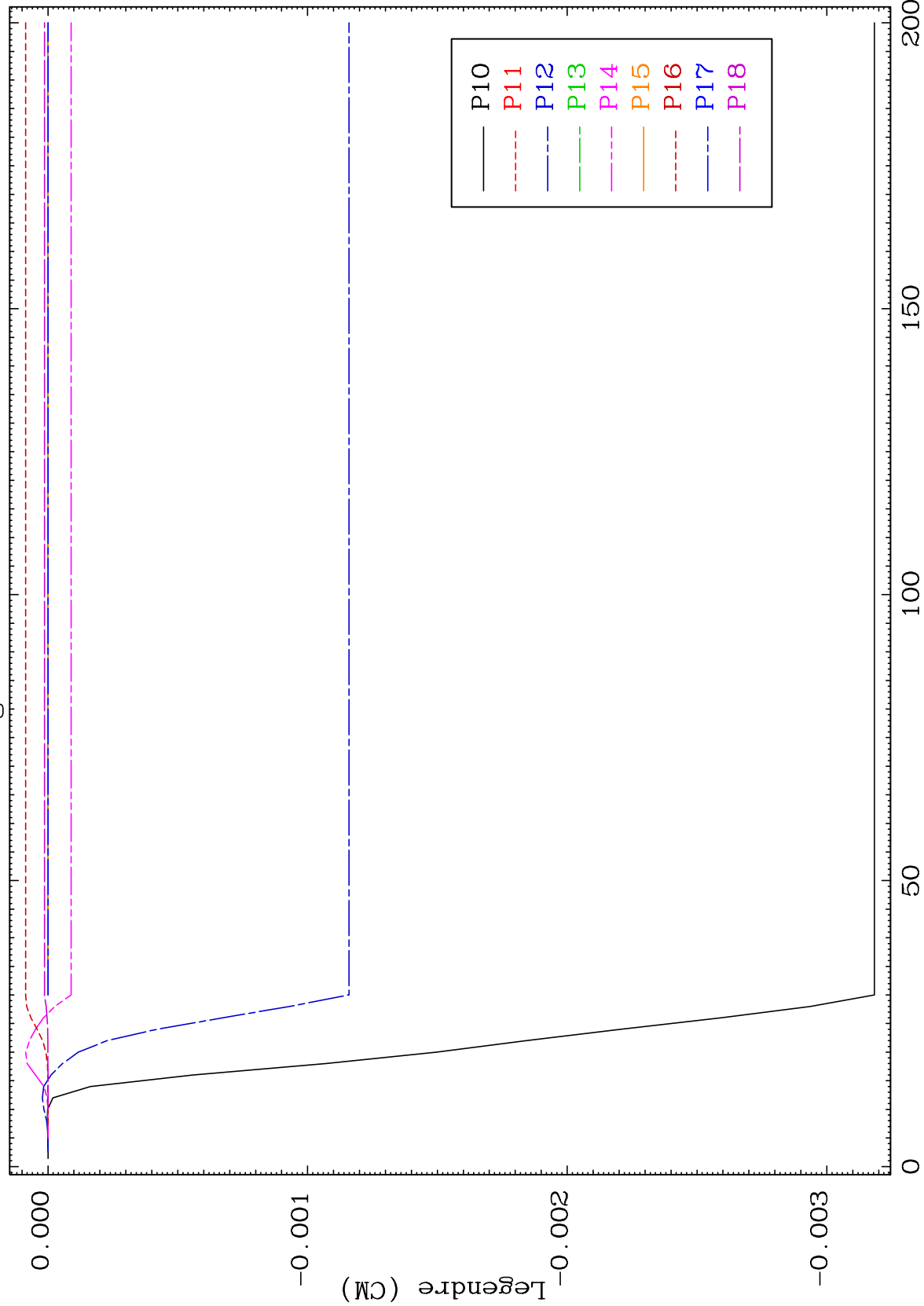
44-Ru-101

MAT 4440

MT= 54 (n,n') Level

44-Ru-101

Legendre Coefficients



30

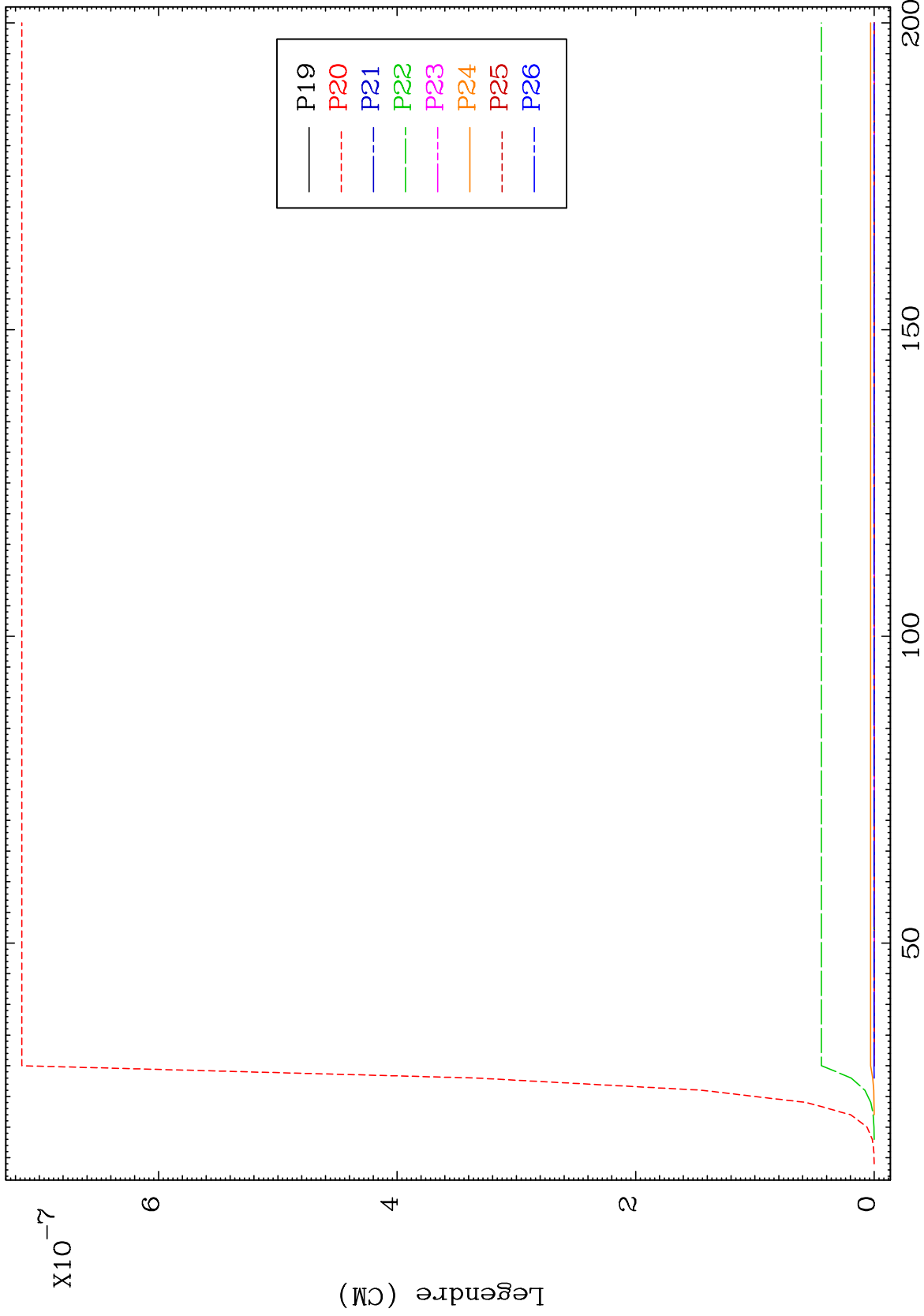
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



31

Incident Energy (MeV)

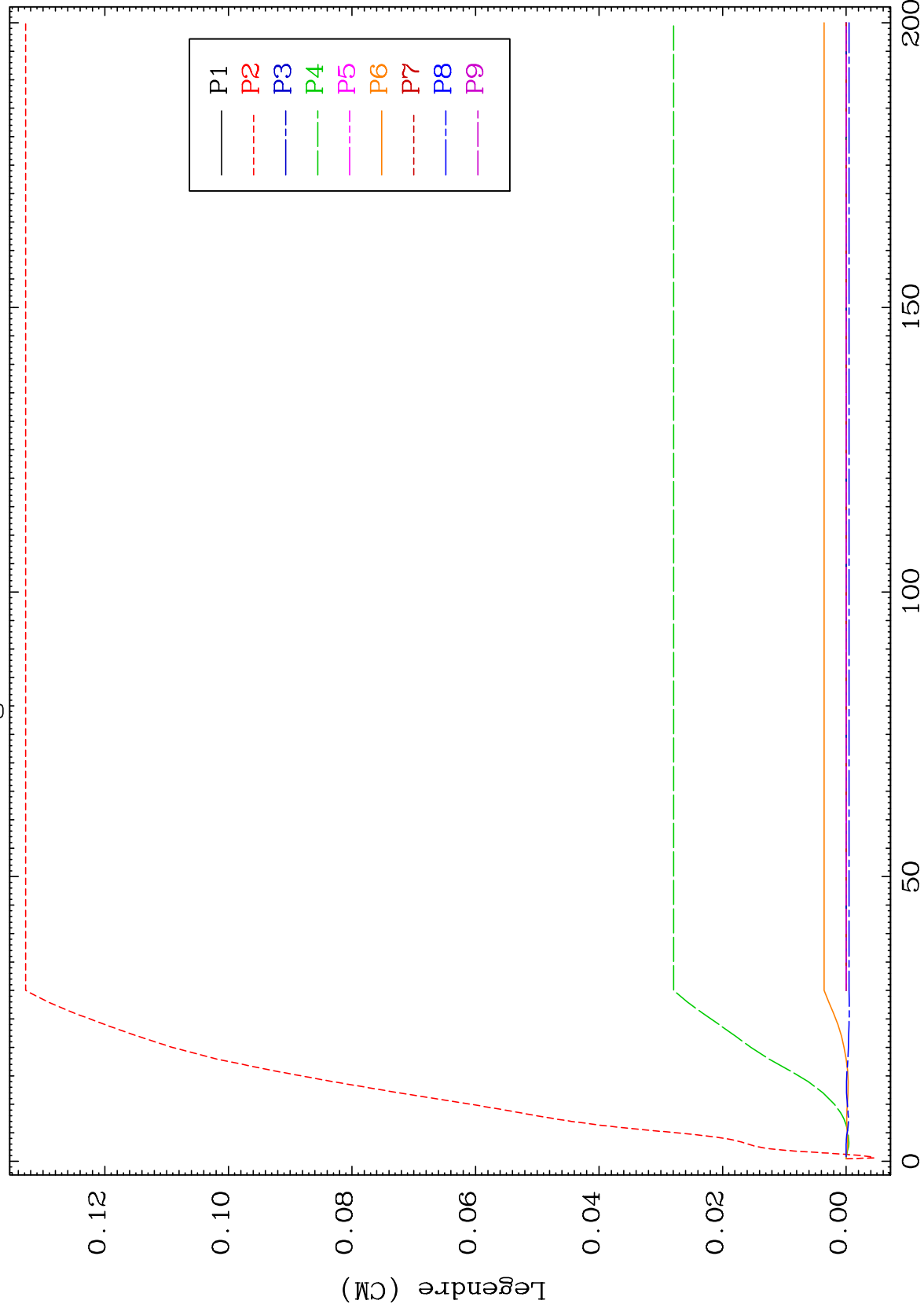
44-Ru-101



MAT 4440

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

44-Ru-101



32

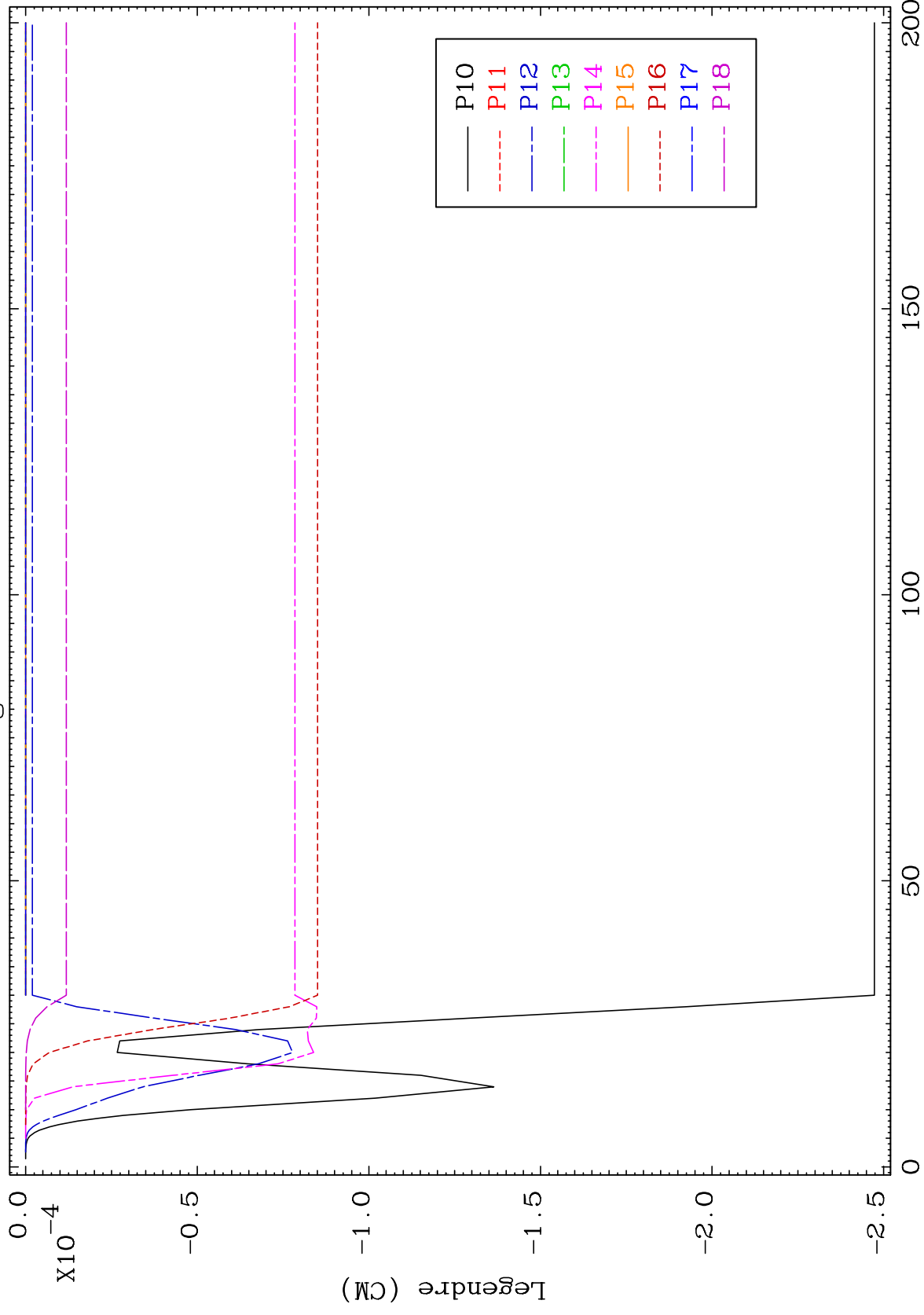
Incident Energy (MeV)

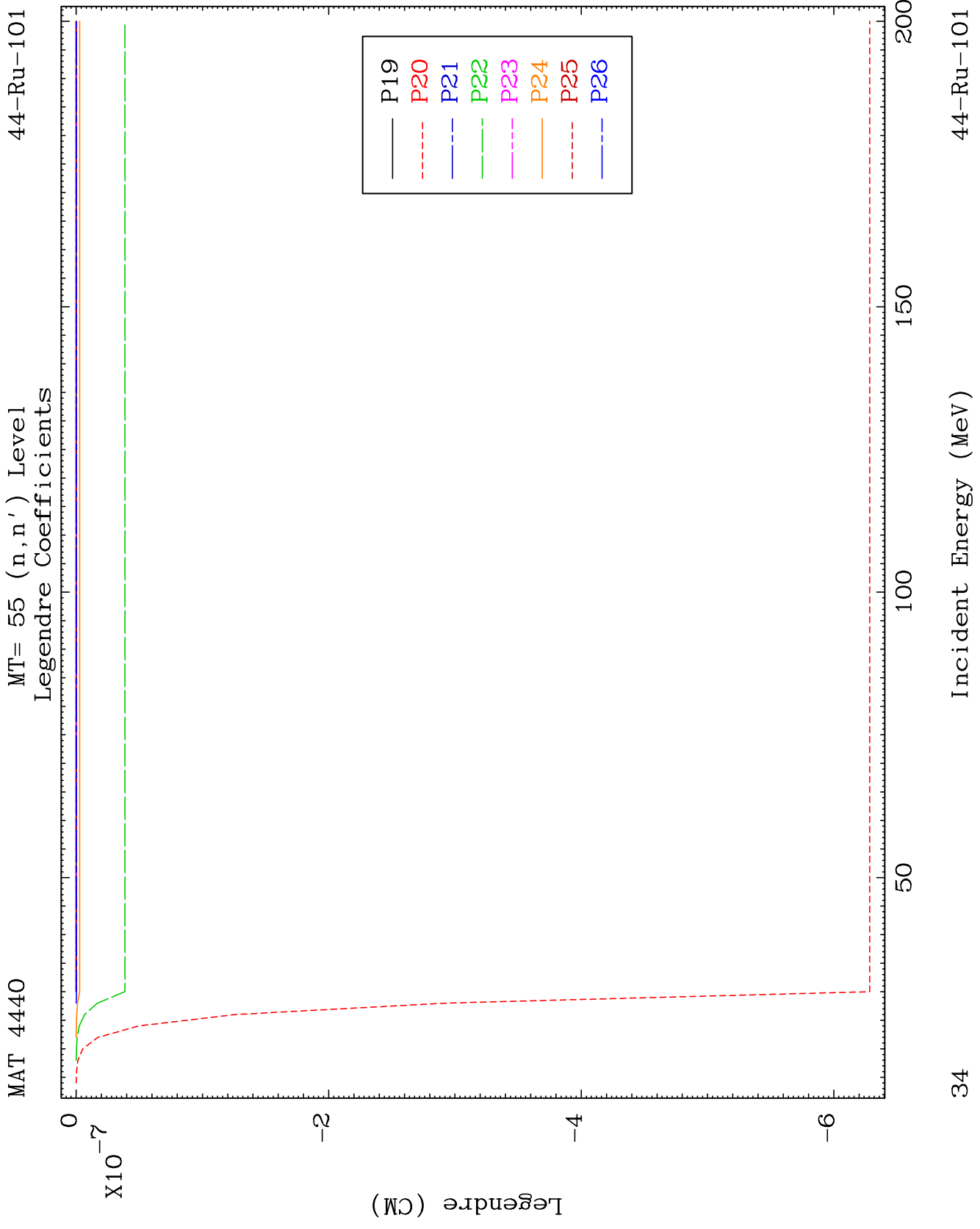
44-Ru-101

MAT 4440

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

44-Ru-101

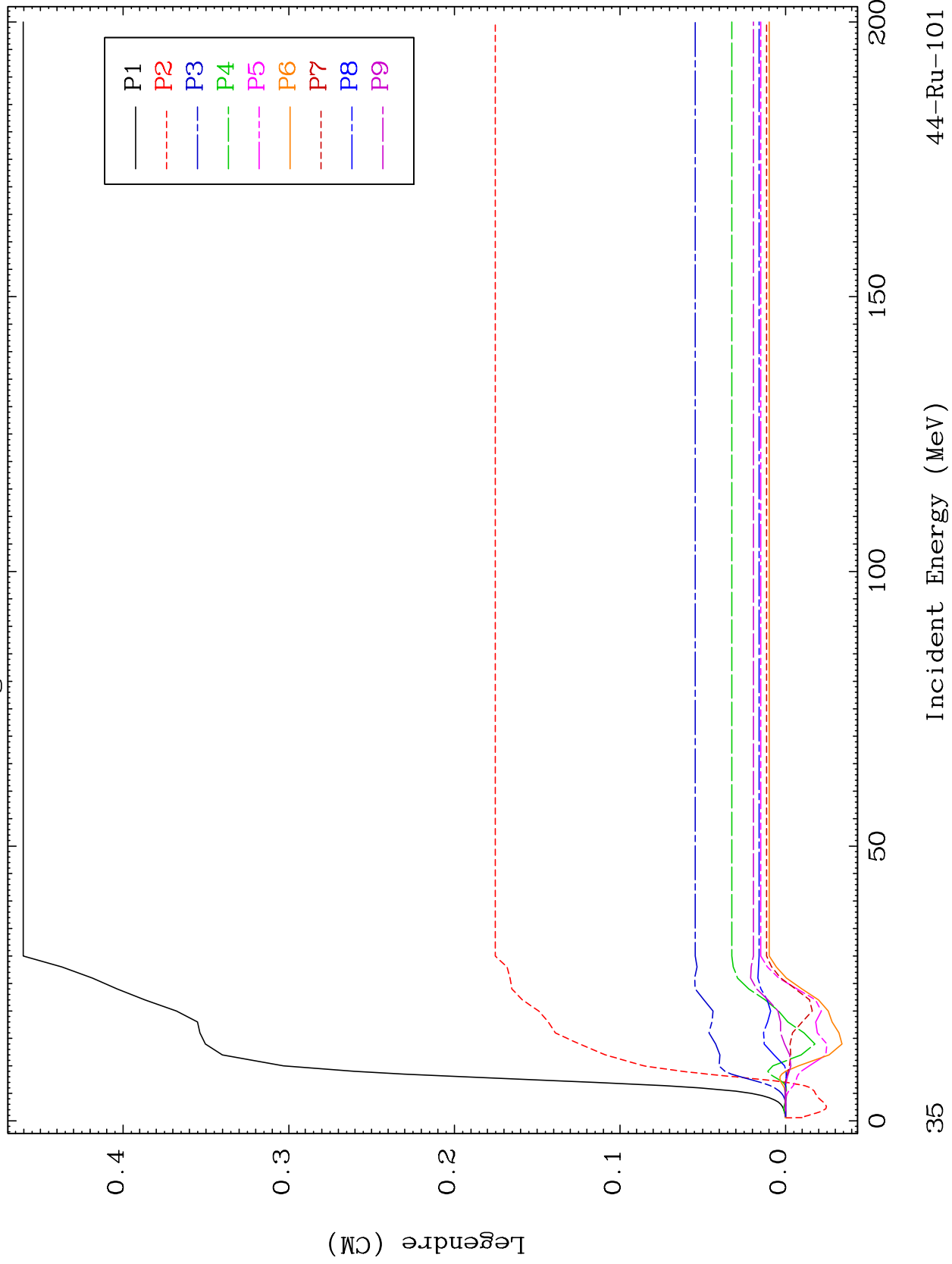




MAT 4440

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

44-Ru-101



44-Ru-101

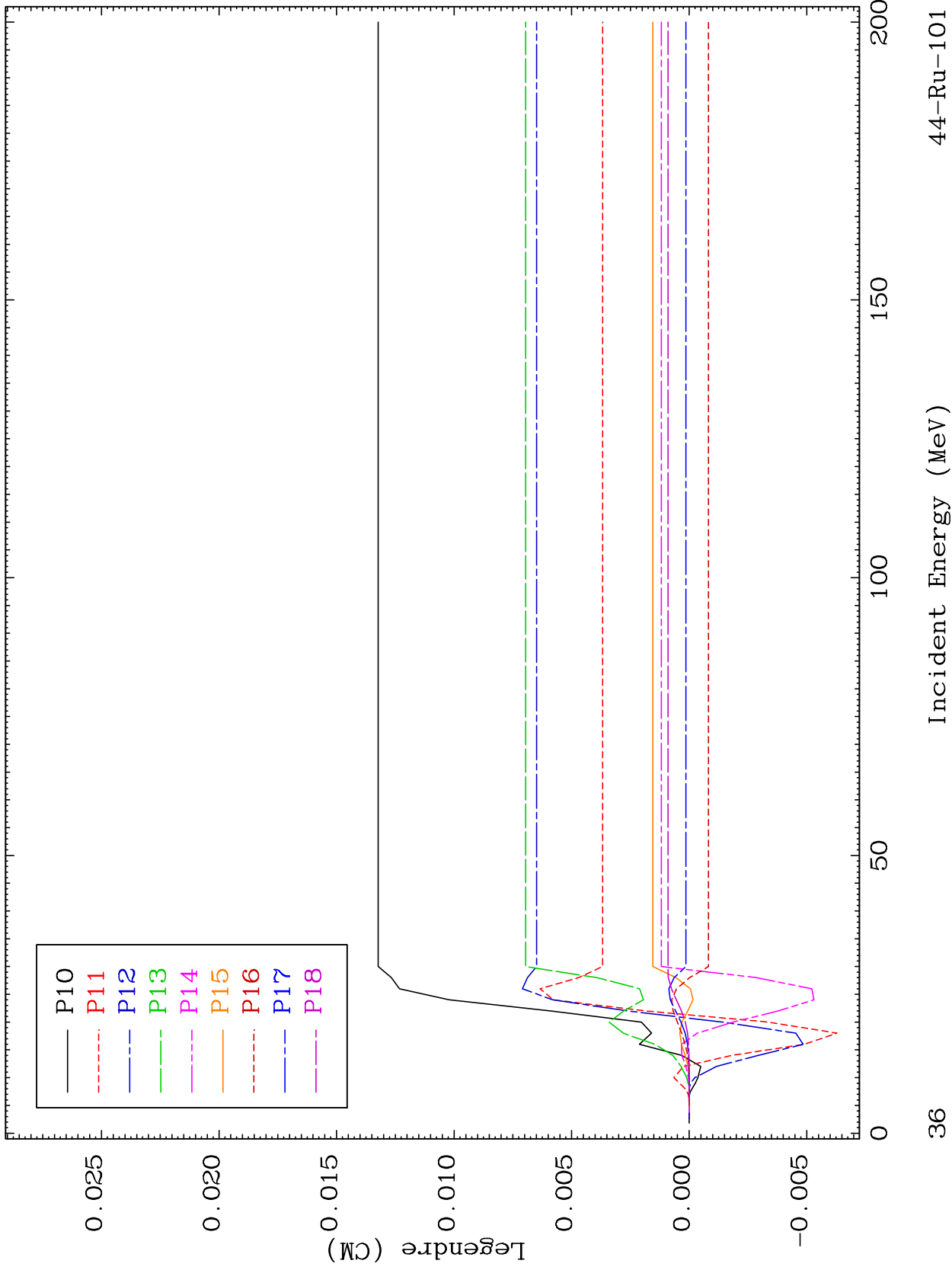
Incident Energy (MeV)

35

MAT 4440

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

44-Ru-101



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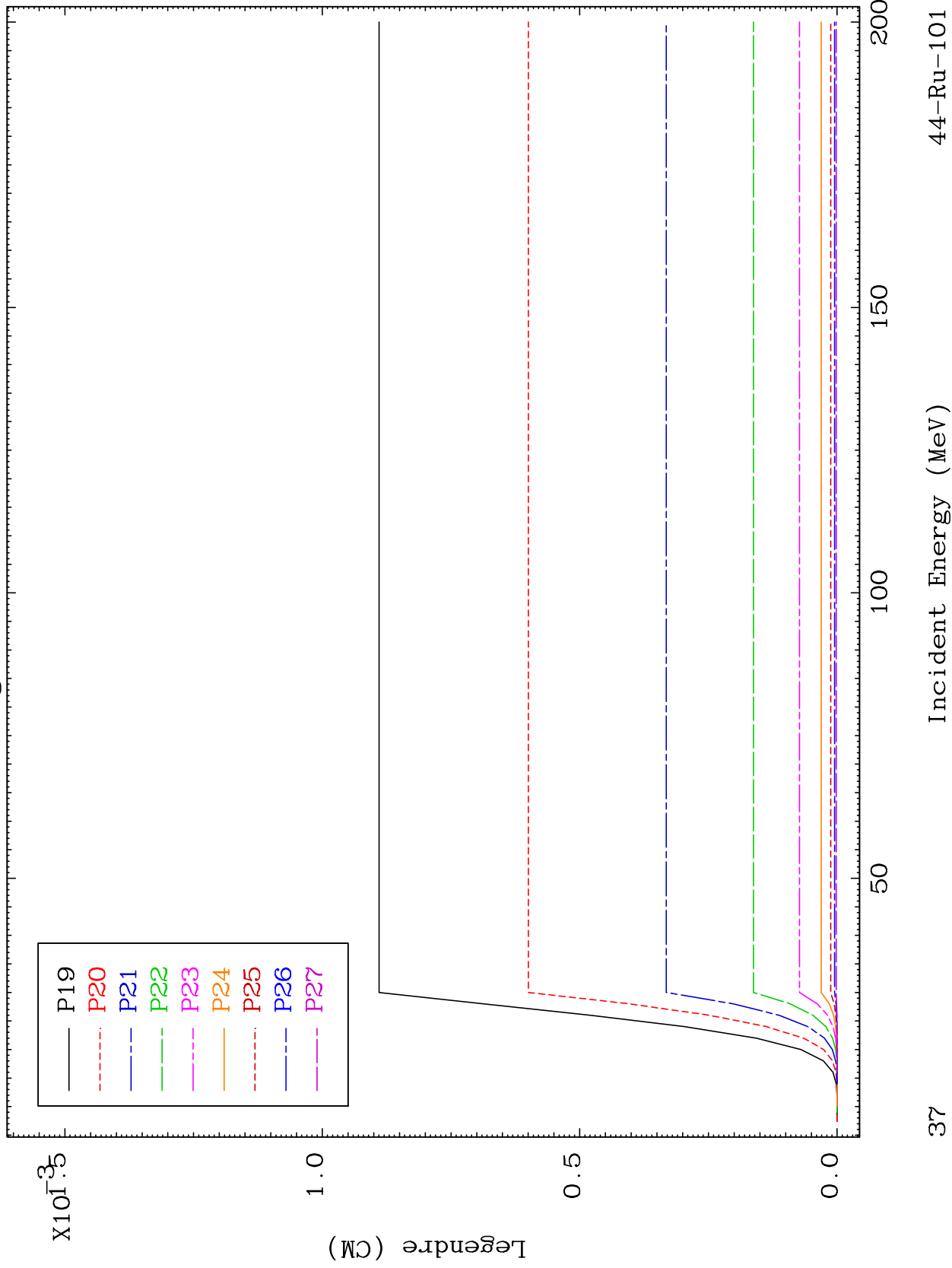
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

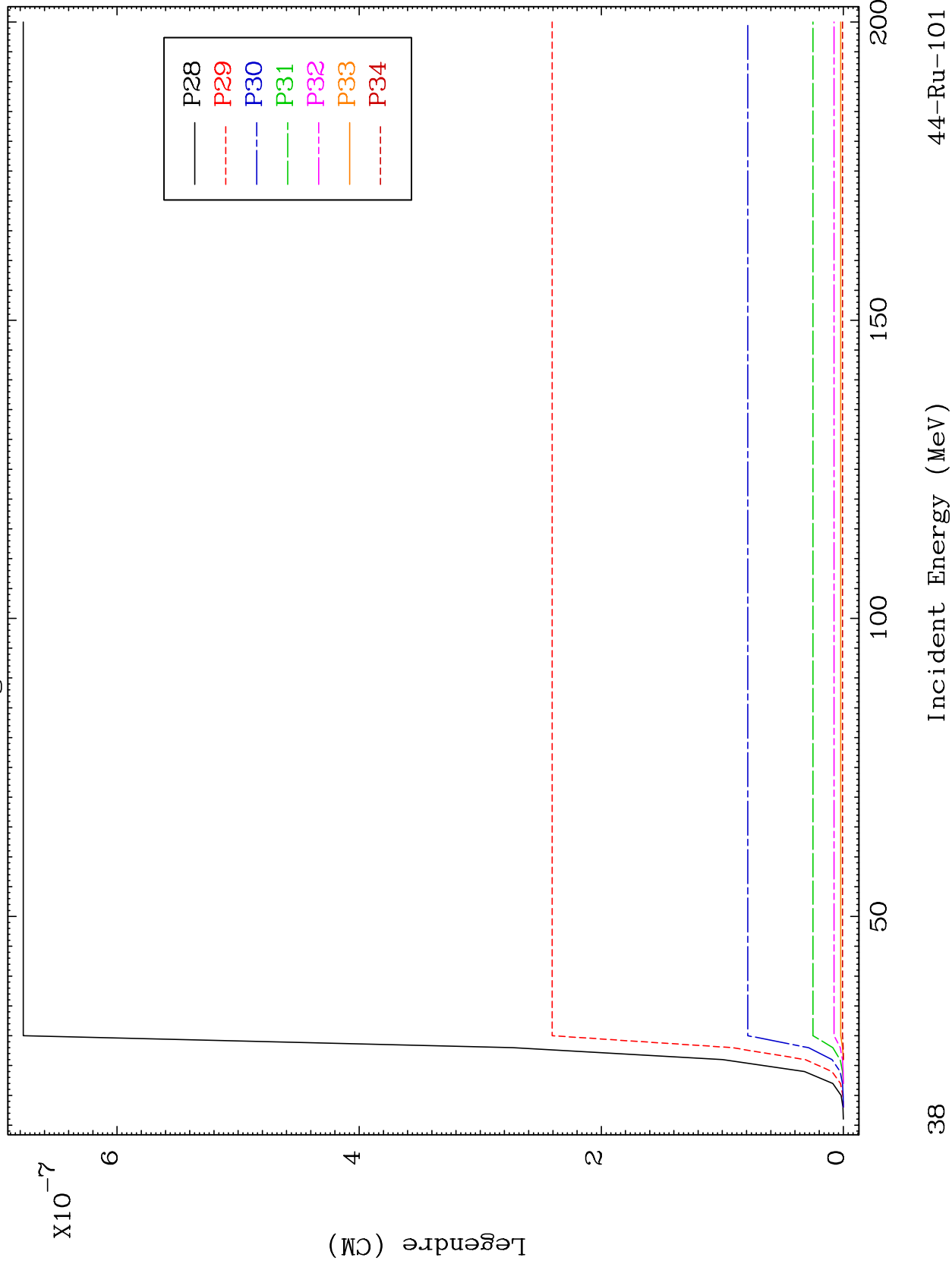
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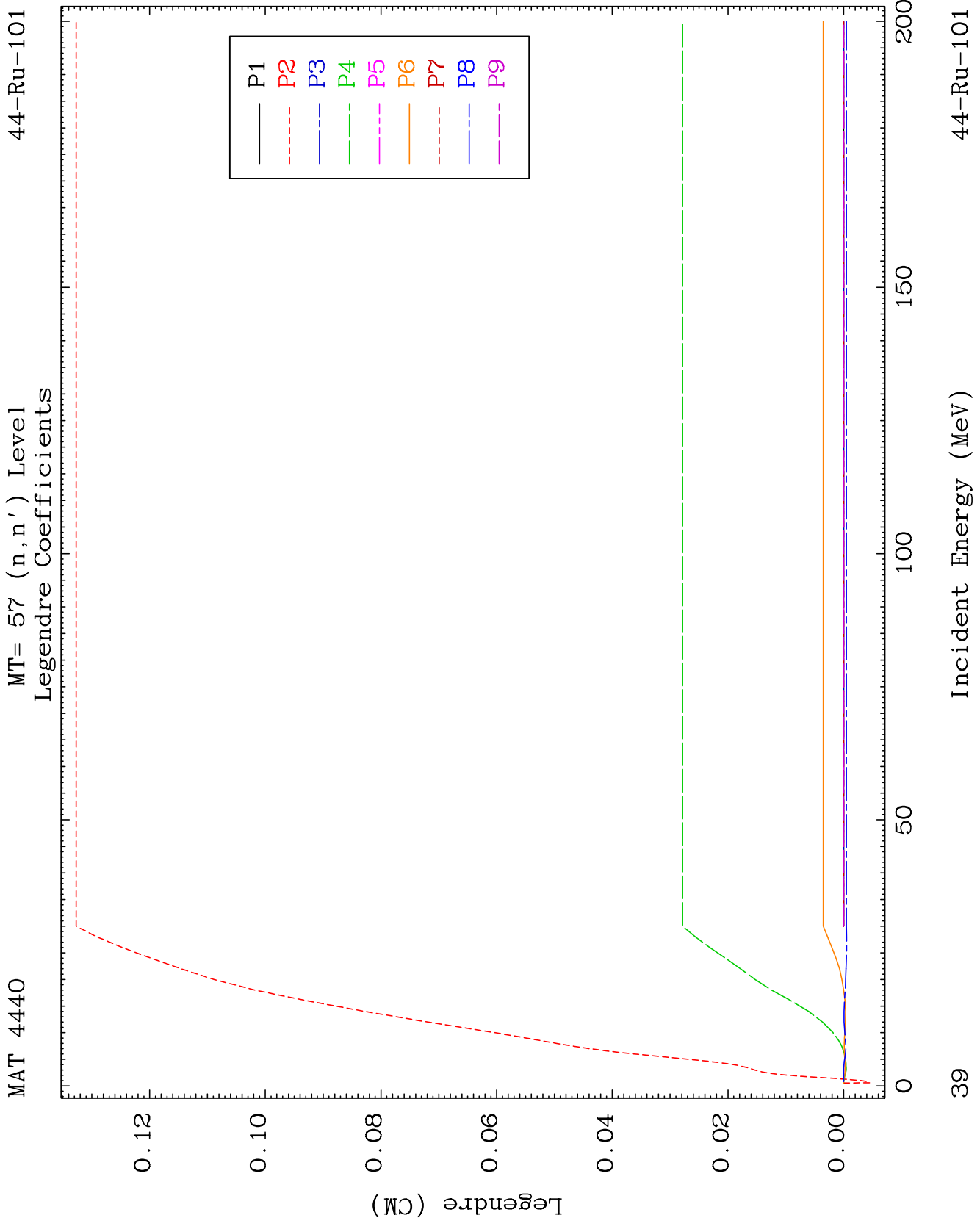


MAT 4440

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

44-Ru-101



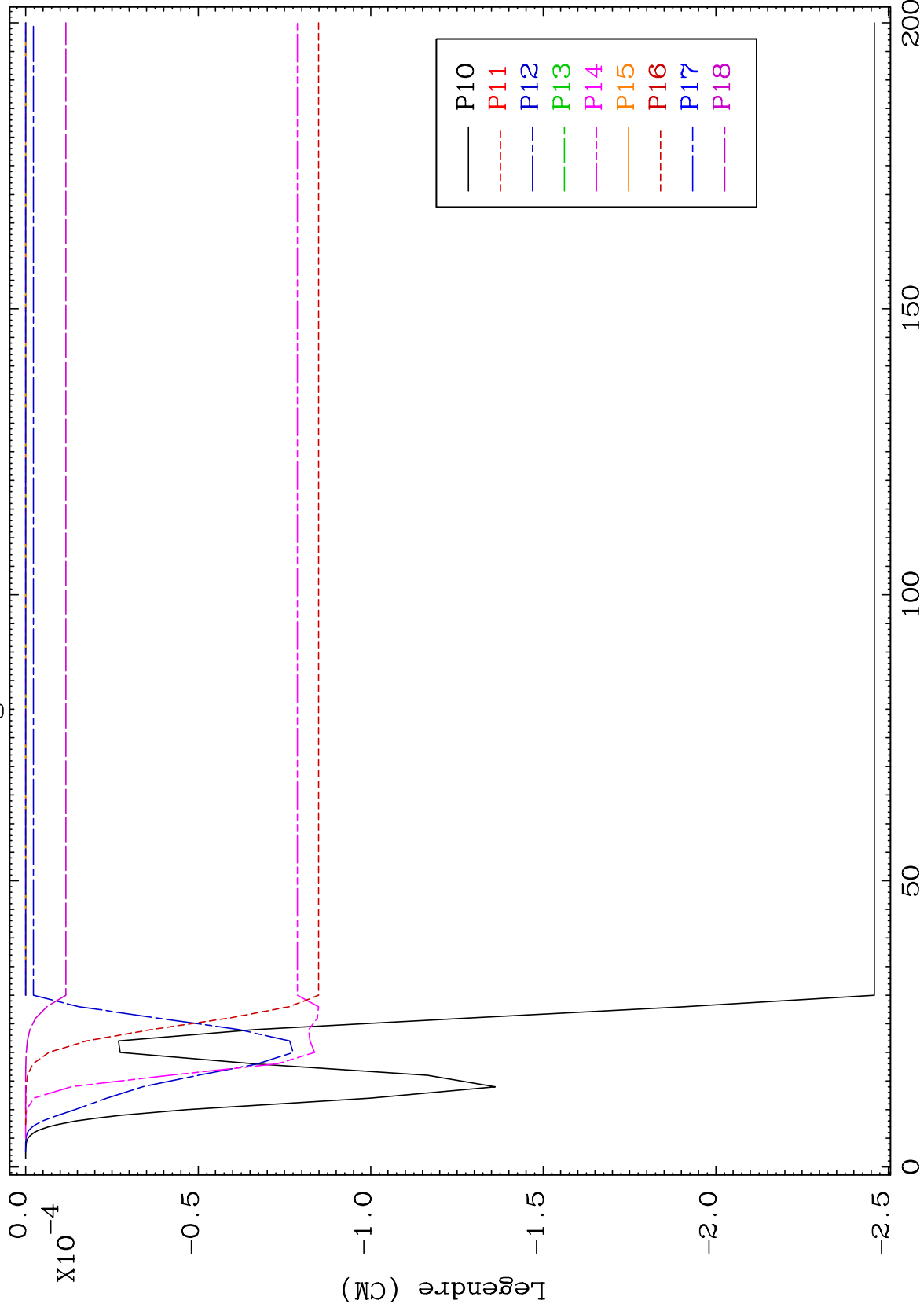




MAT 4440

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

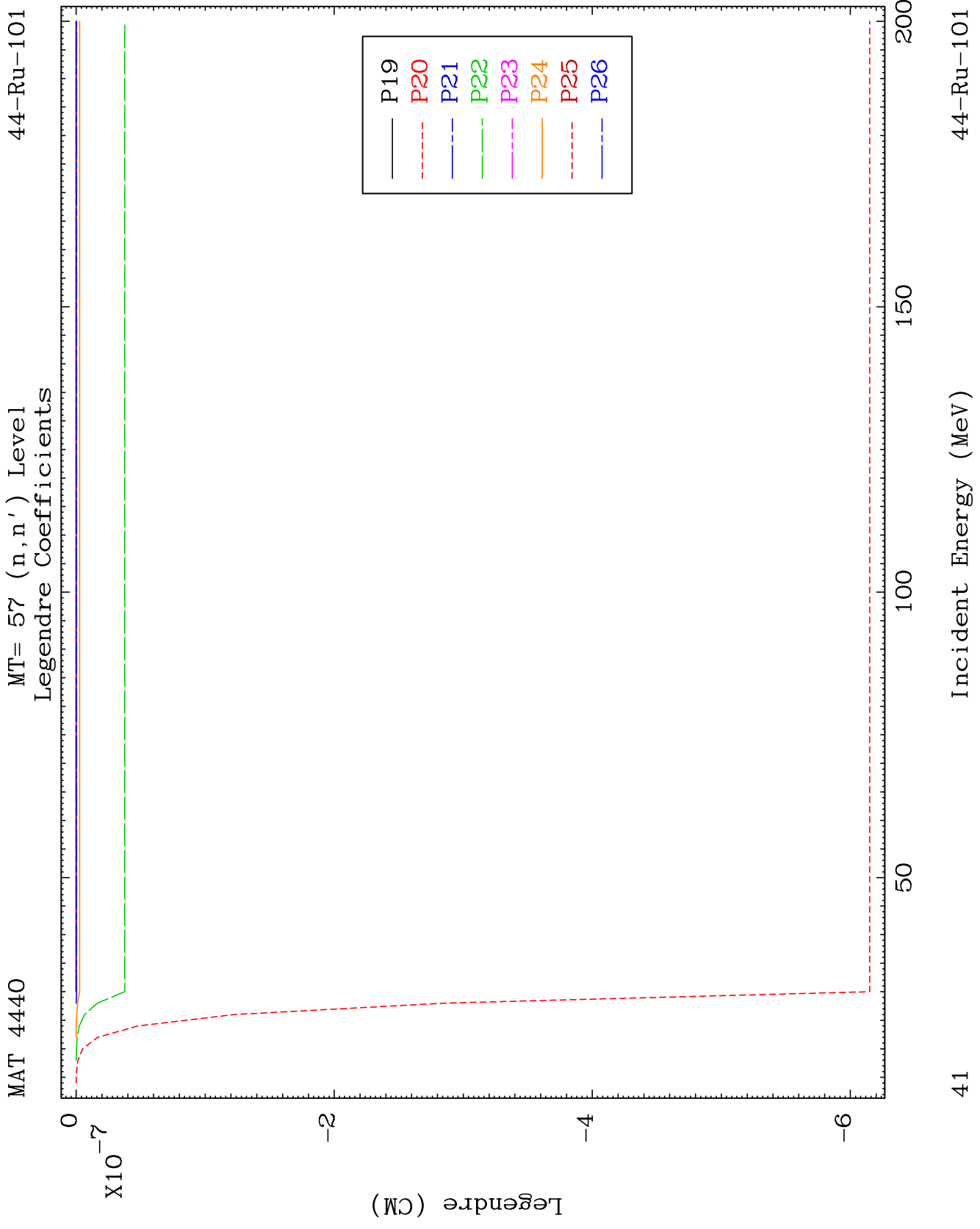
44-Ru-101



40

Incident Energy (MeV)

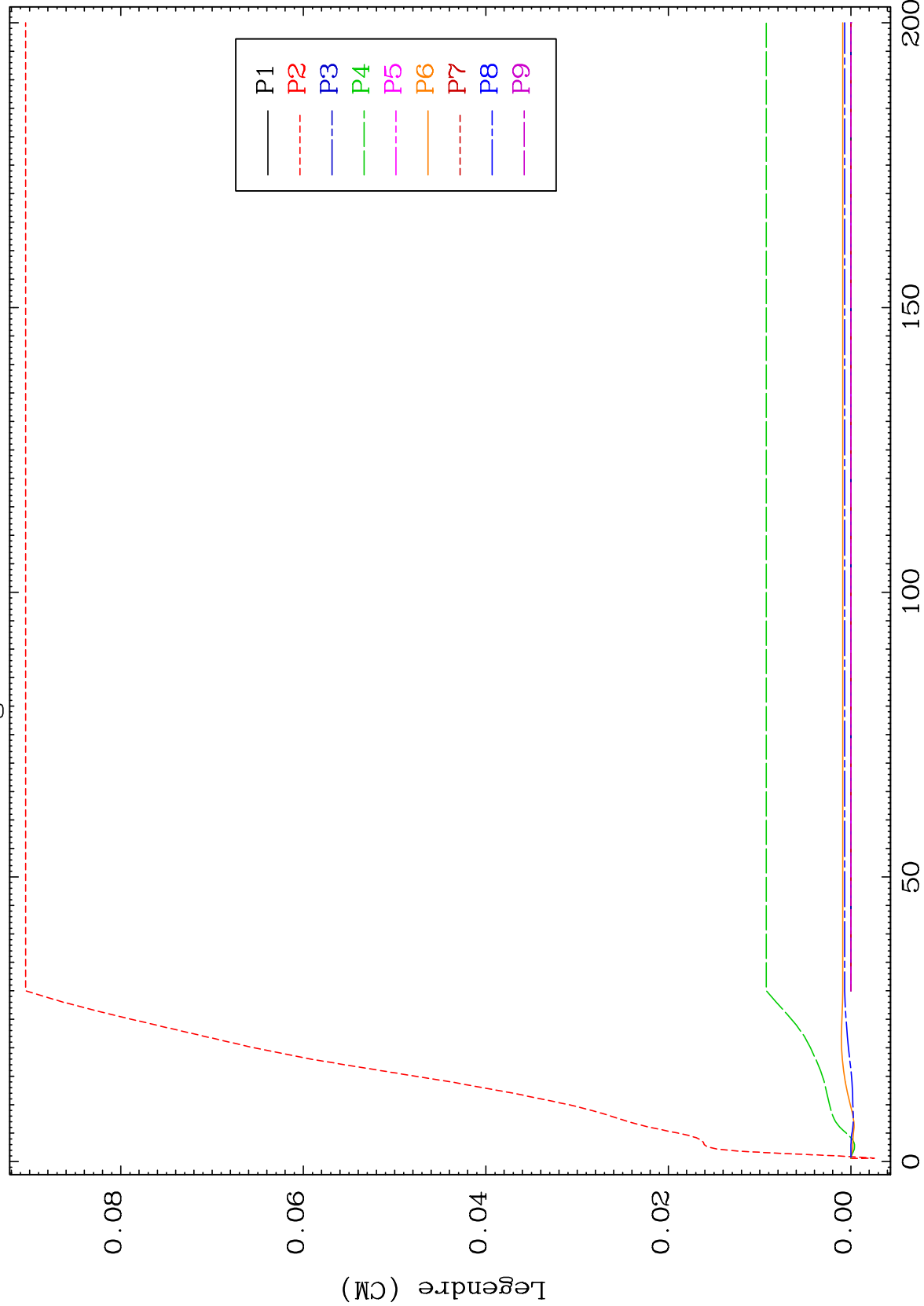
44-Ru-101



MAT 4440

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

44-Ru-101



42

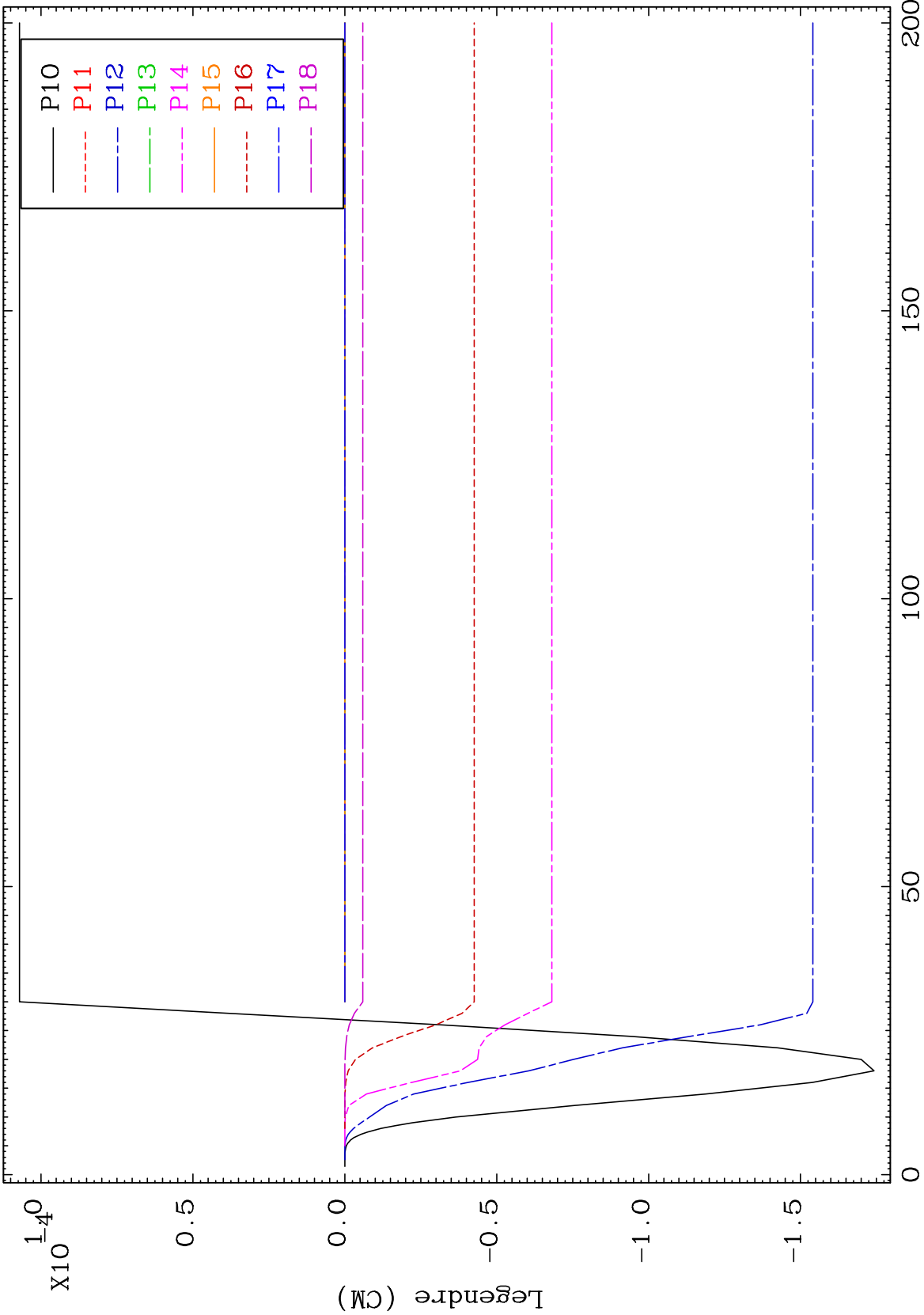
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

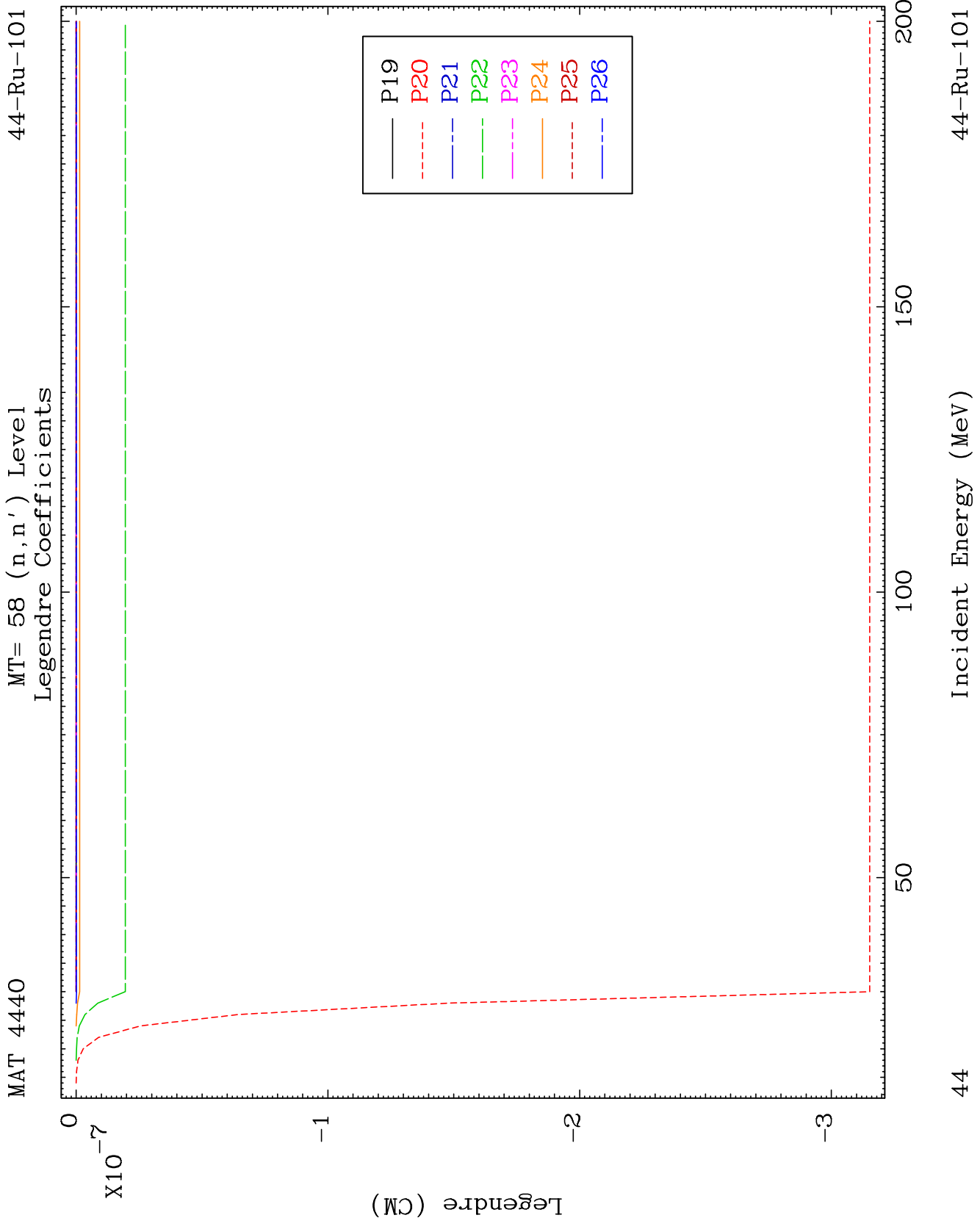
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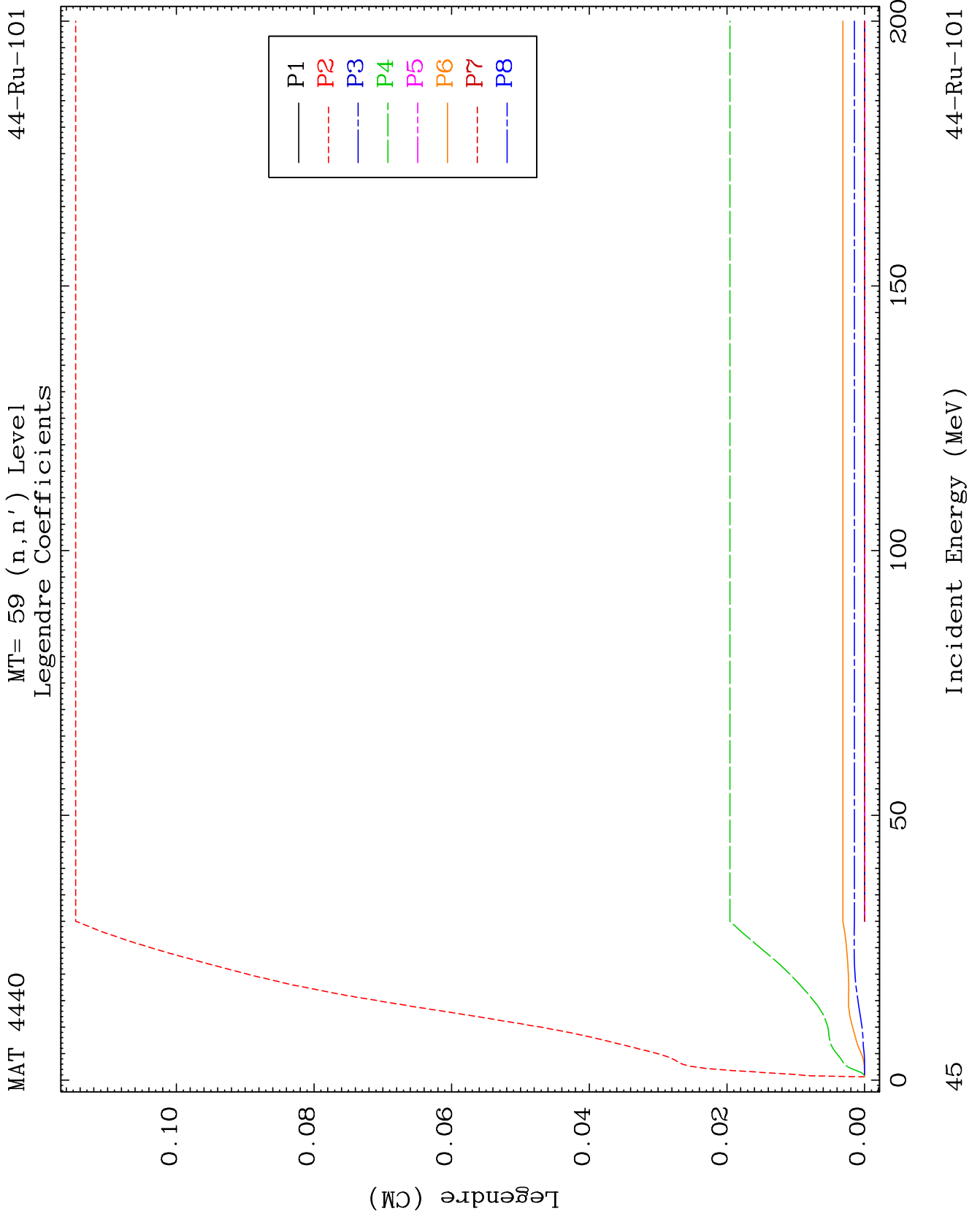


43

44-Ru-101

44-Ru-101

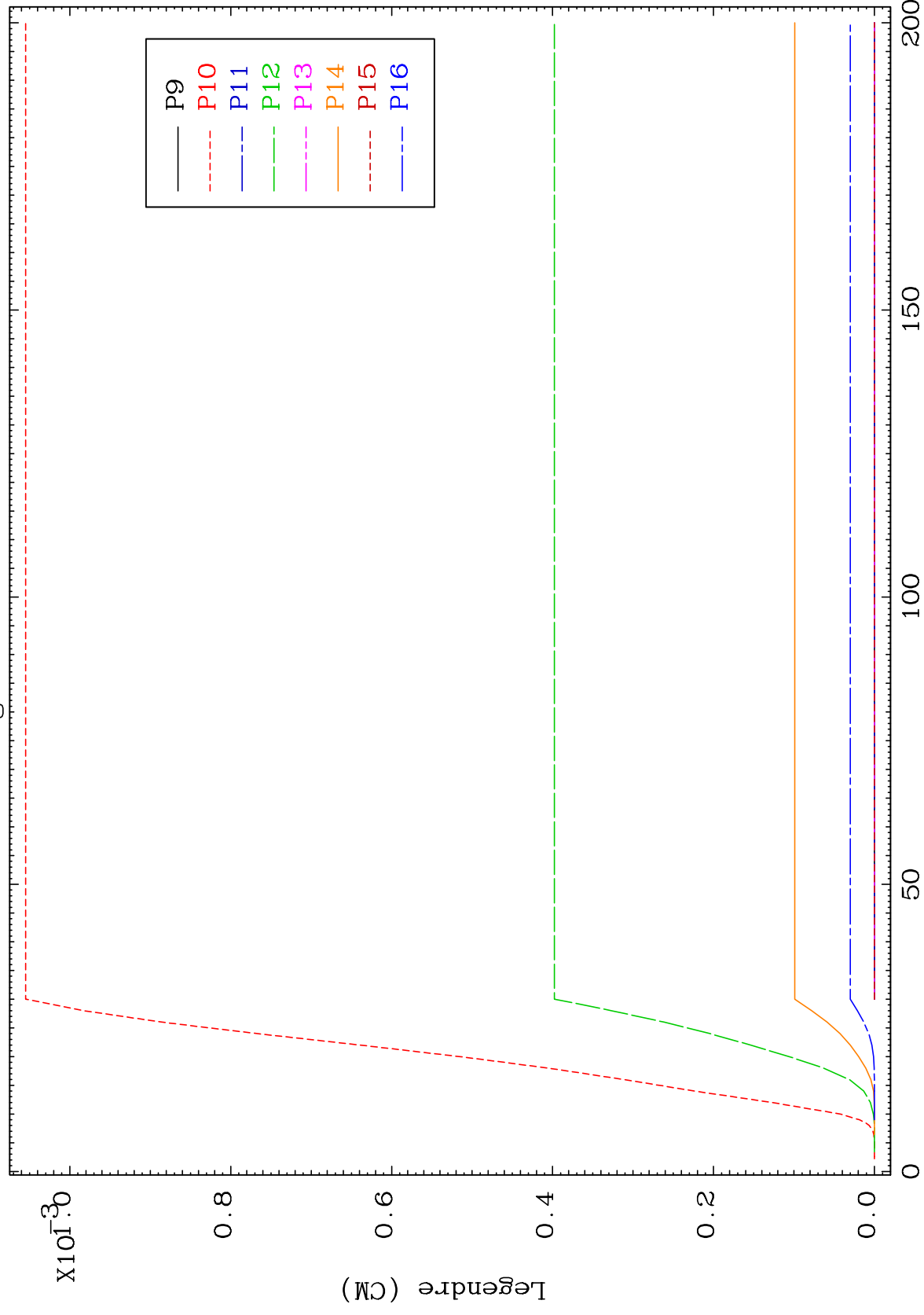




MAT 4440

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

44-Ru-101



46

Incident Energy (MeV)

44-Ru-101



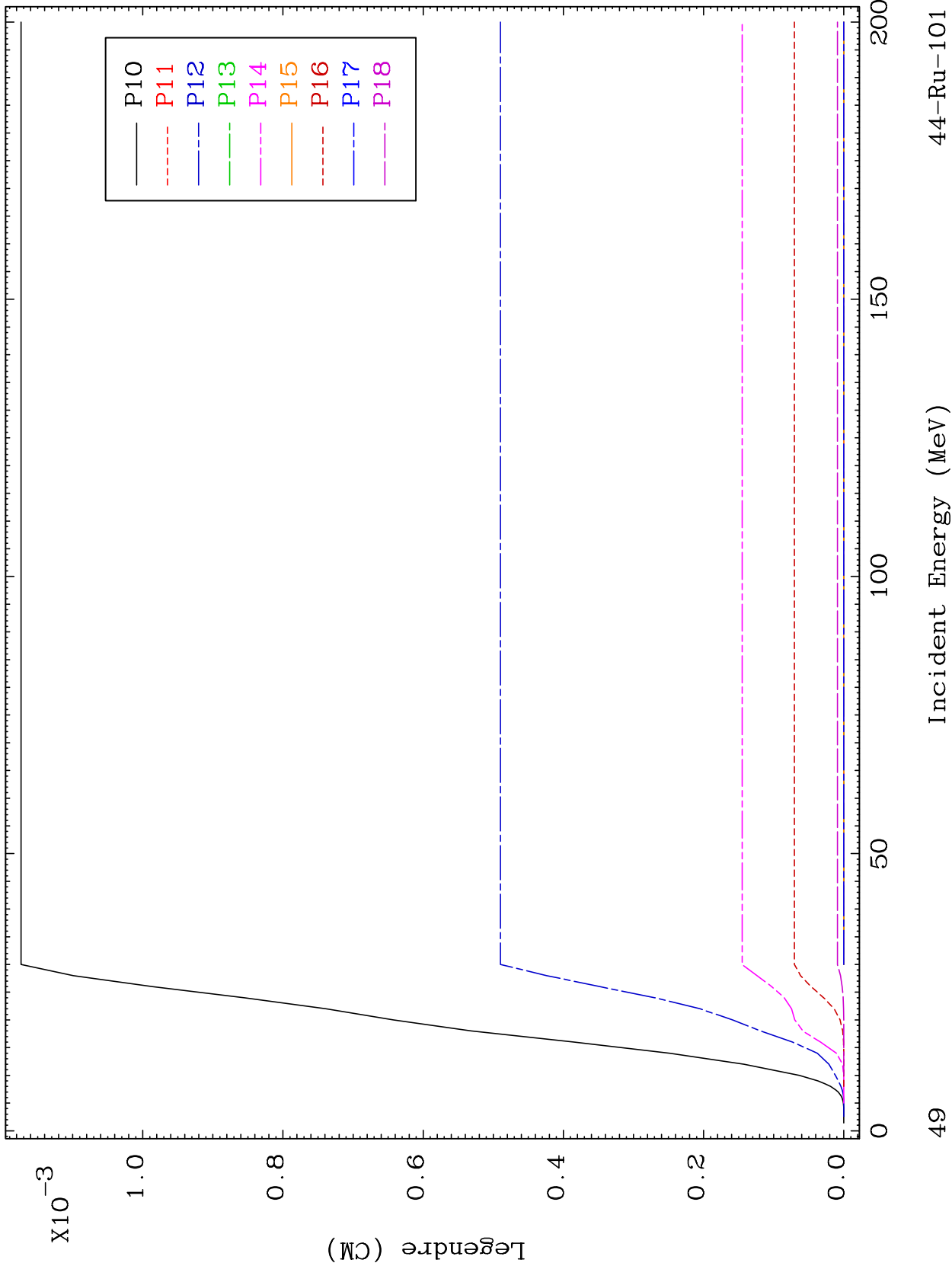




MAT 4440

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

44-Ru-101



49

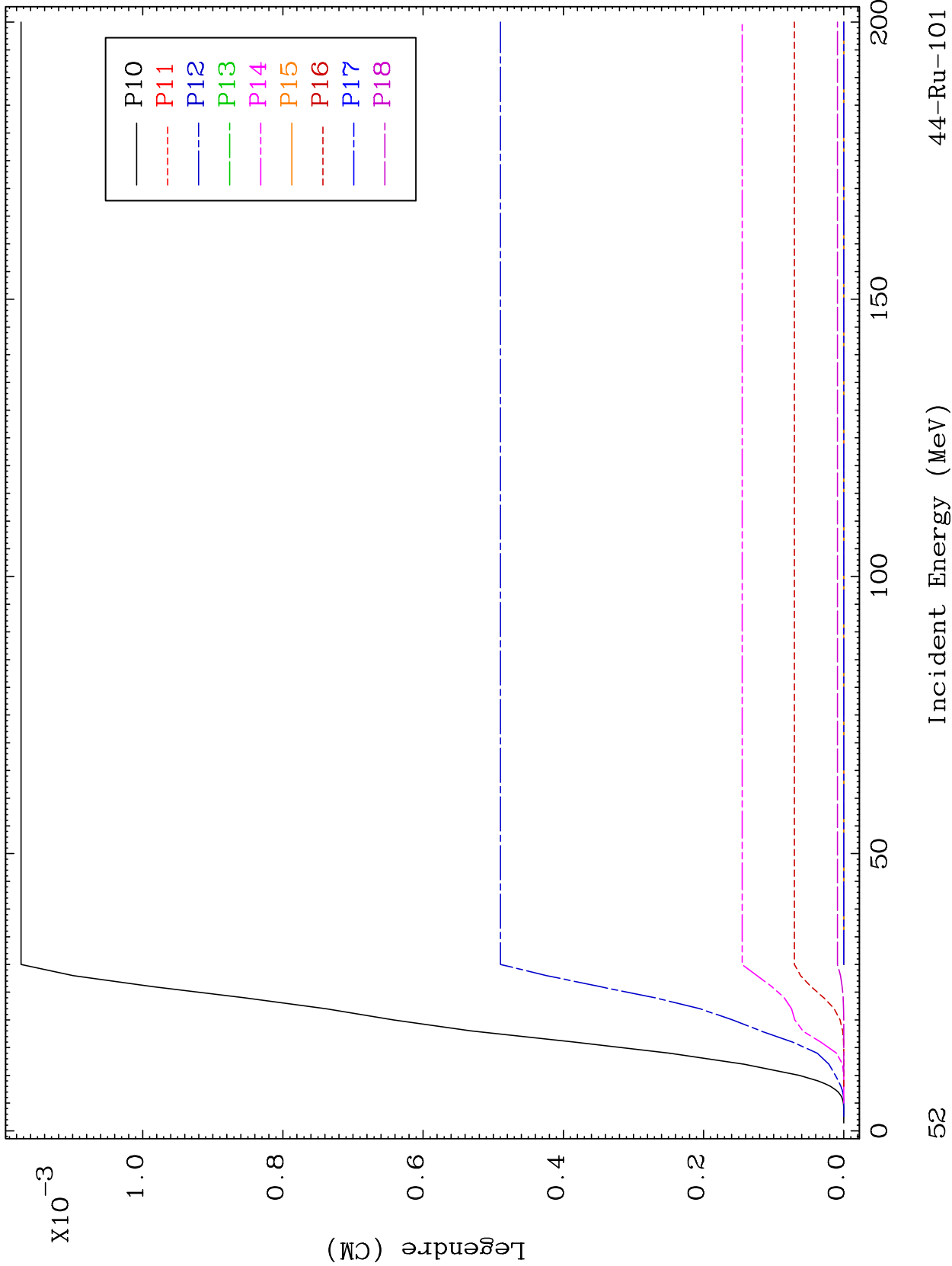




MAT 4440

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

44-Ru-101



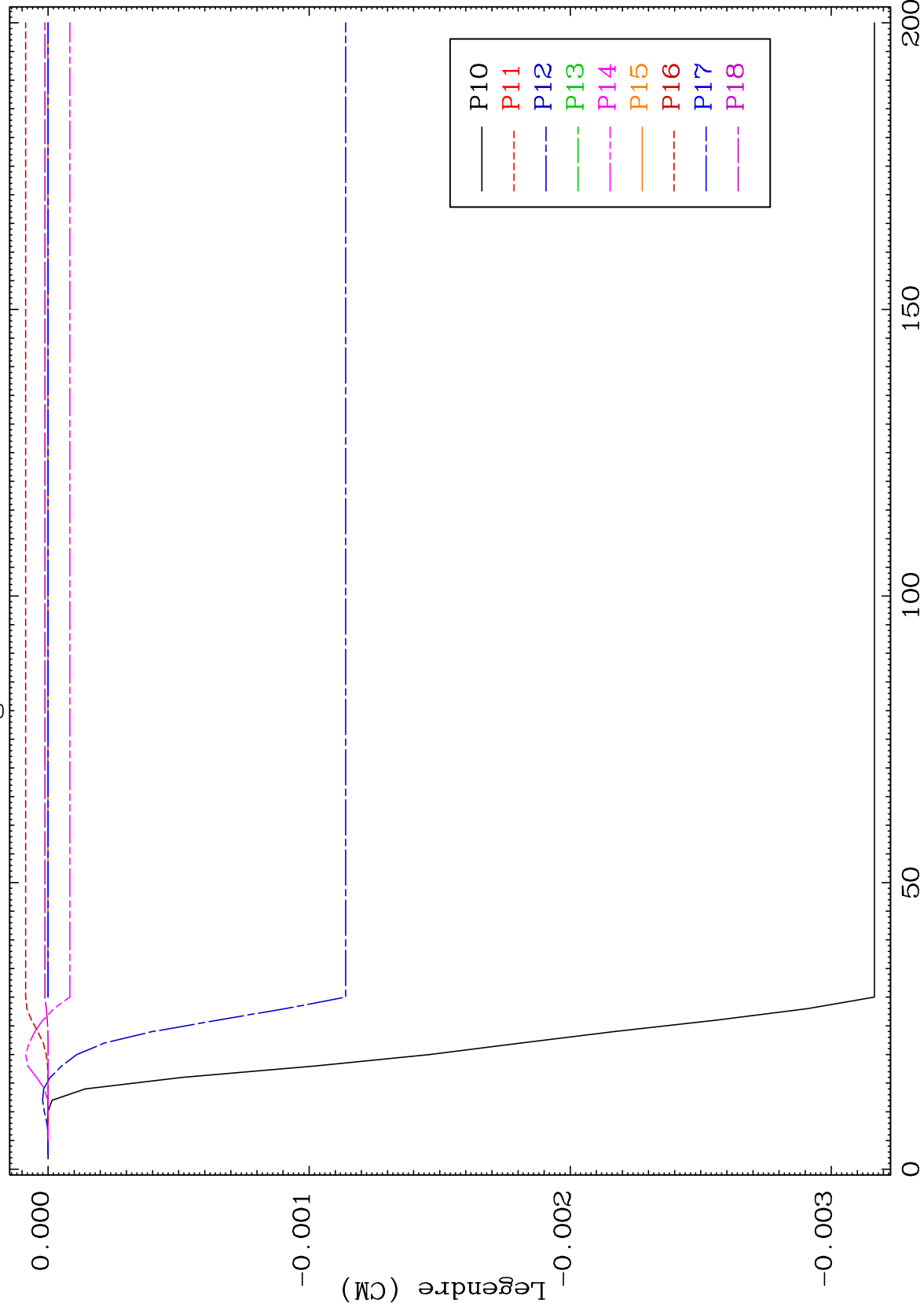




MAT 4440

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

44-Ru-101

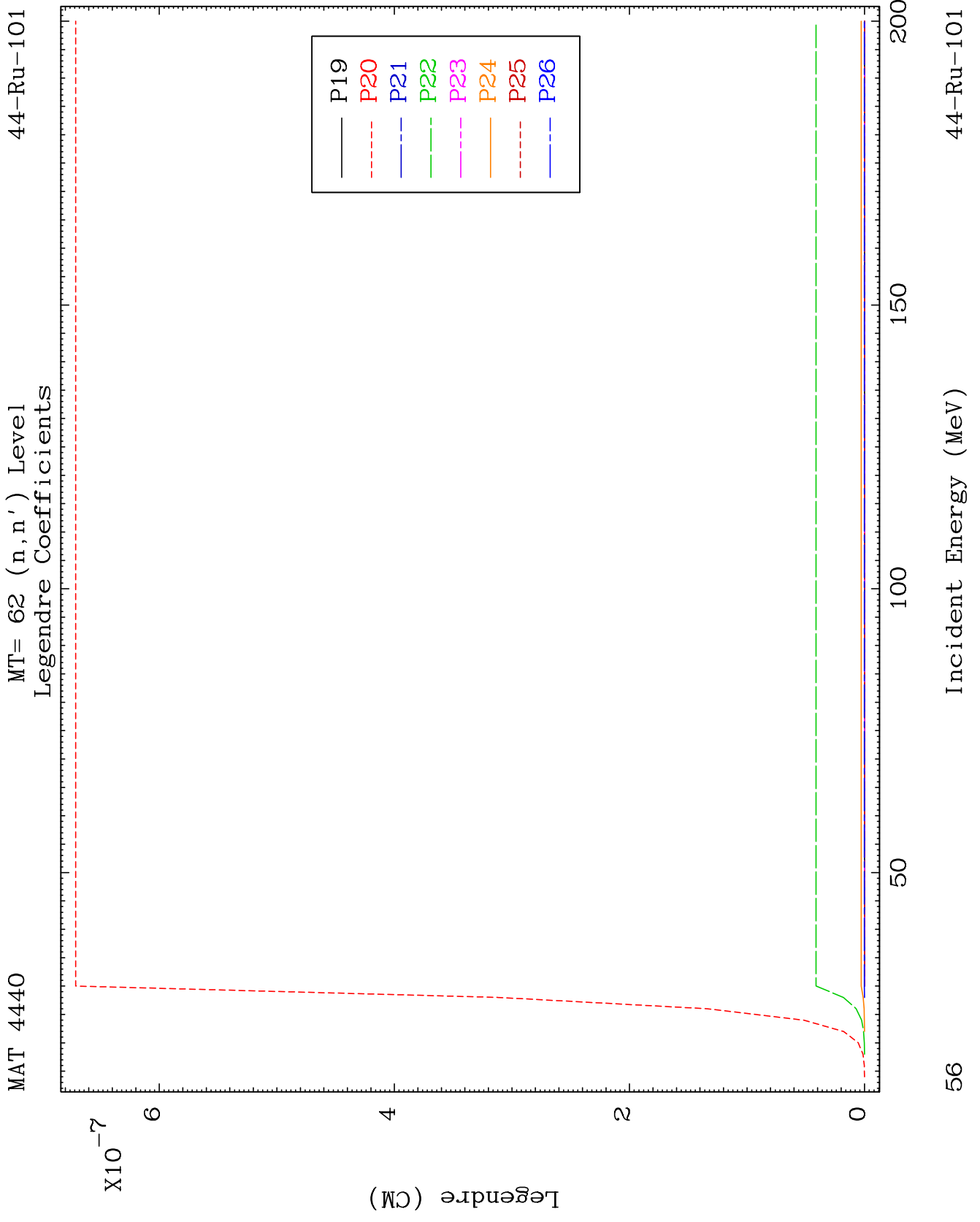


55

Incident Energy (MeV)

44-Ru-101

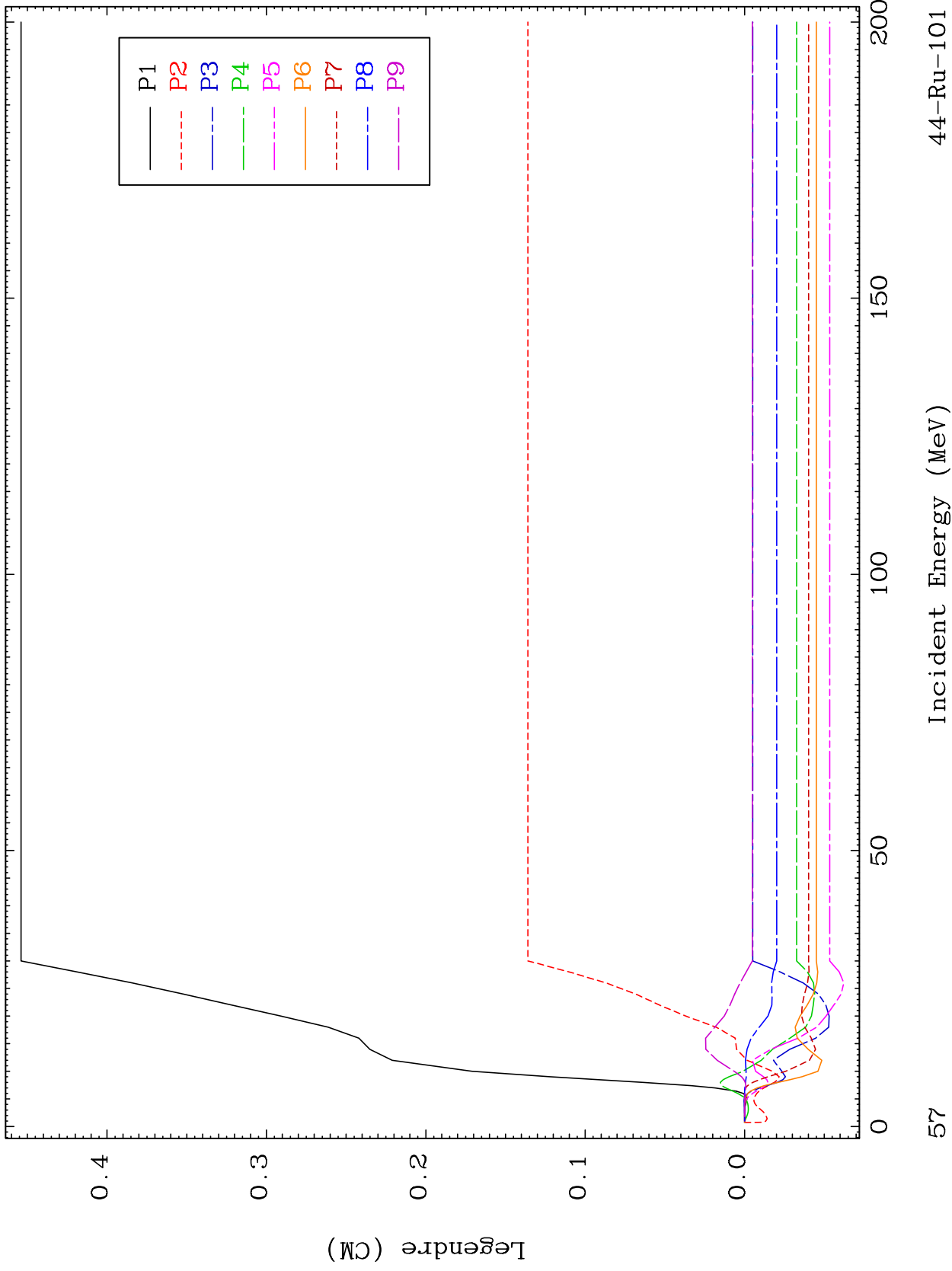




MAT 4440

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

44-Ru-101



57

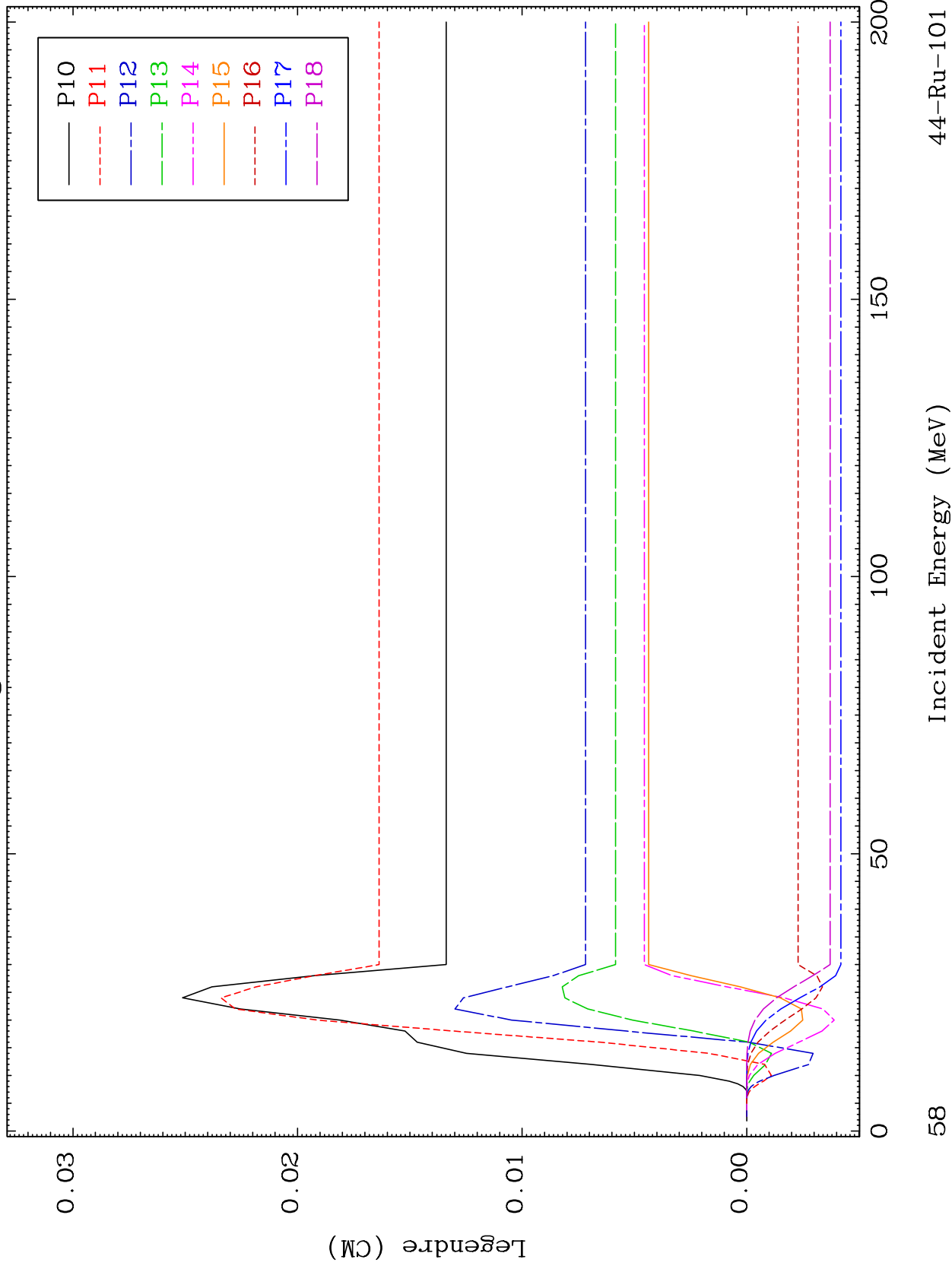
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

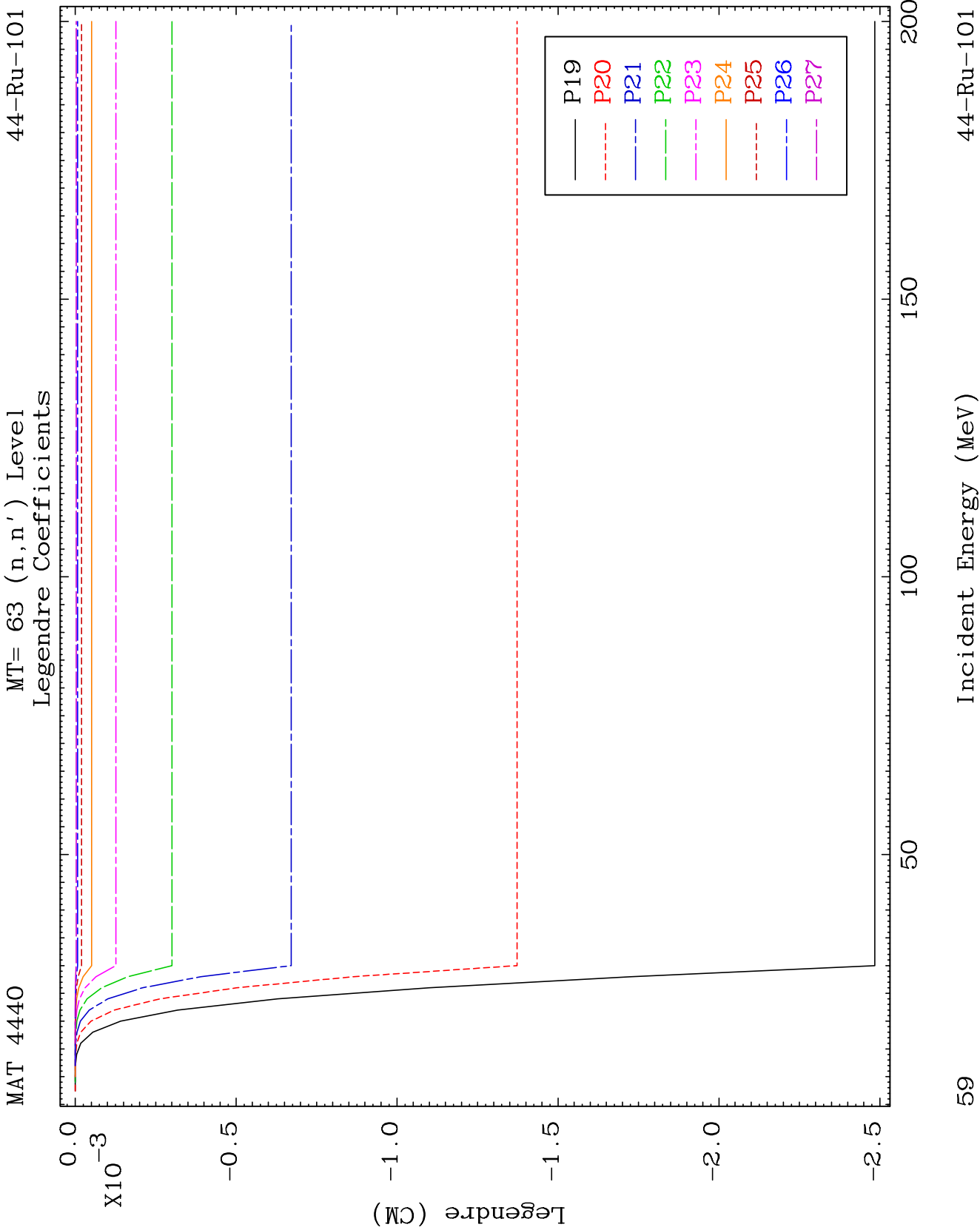
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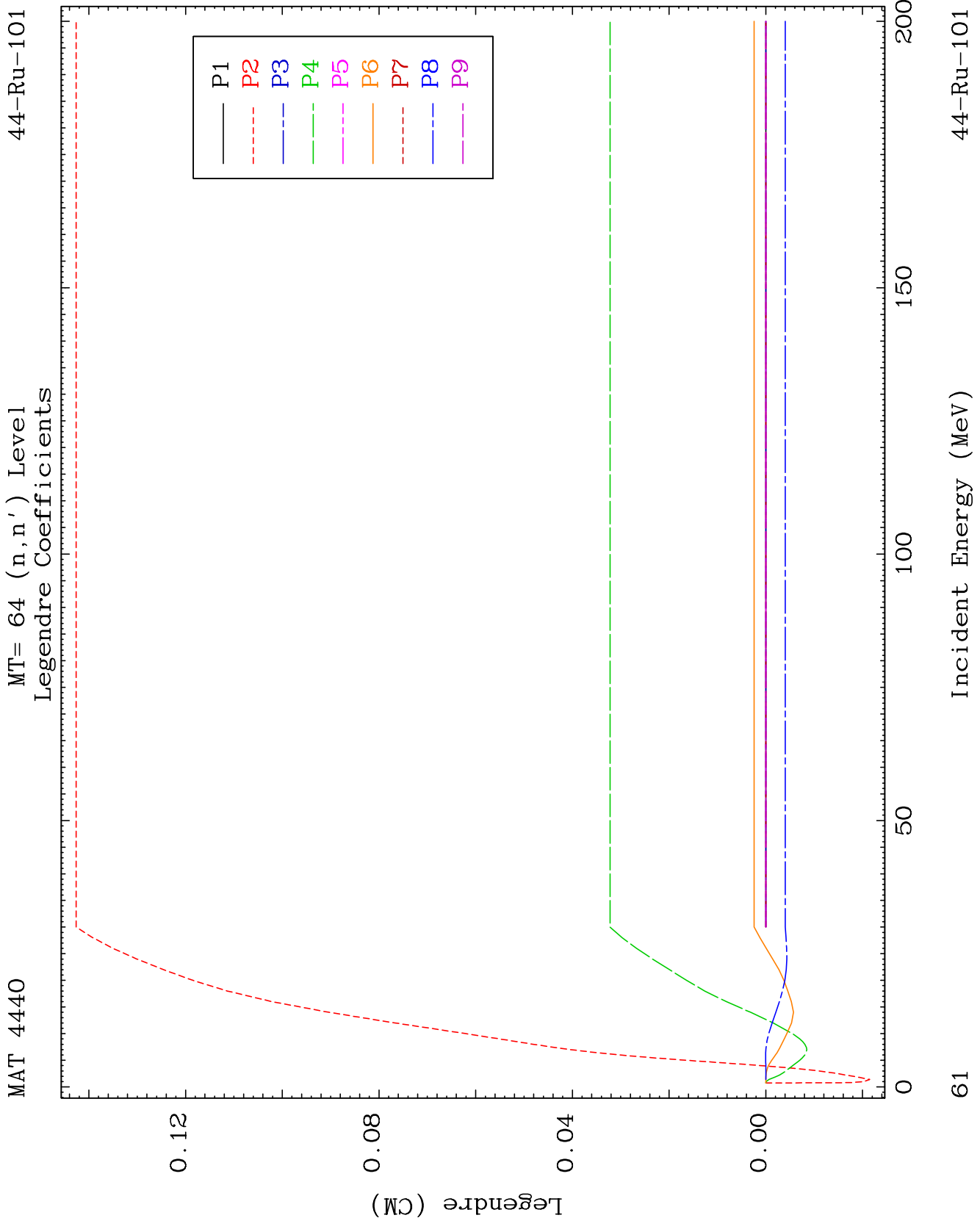
44-Ru-101

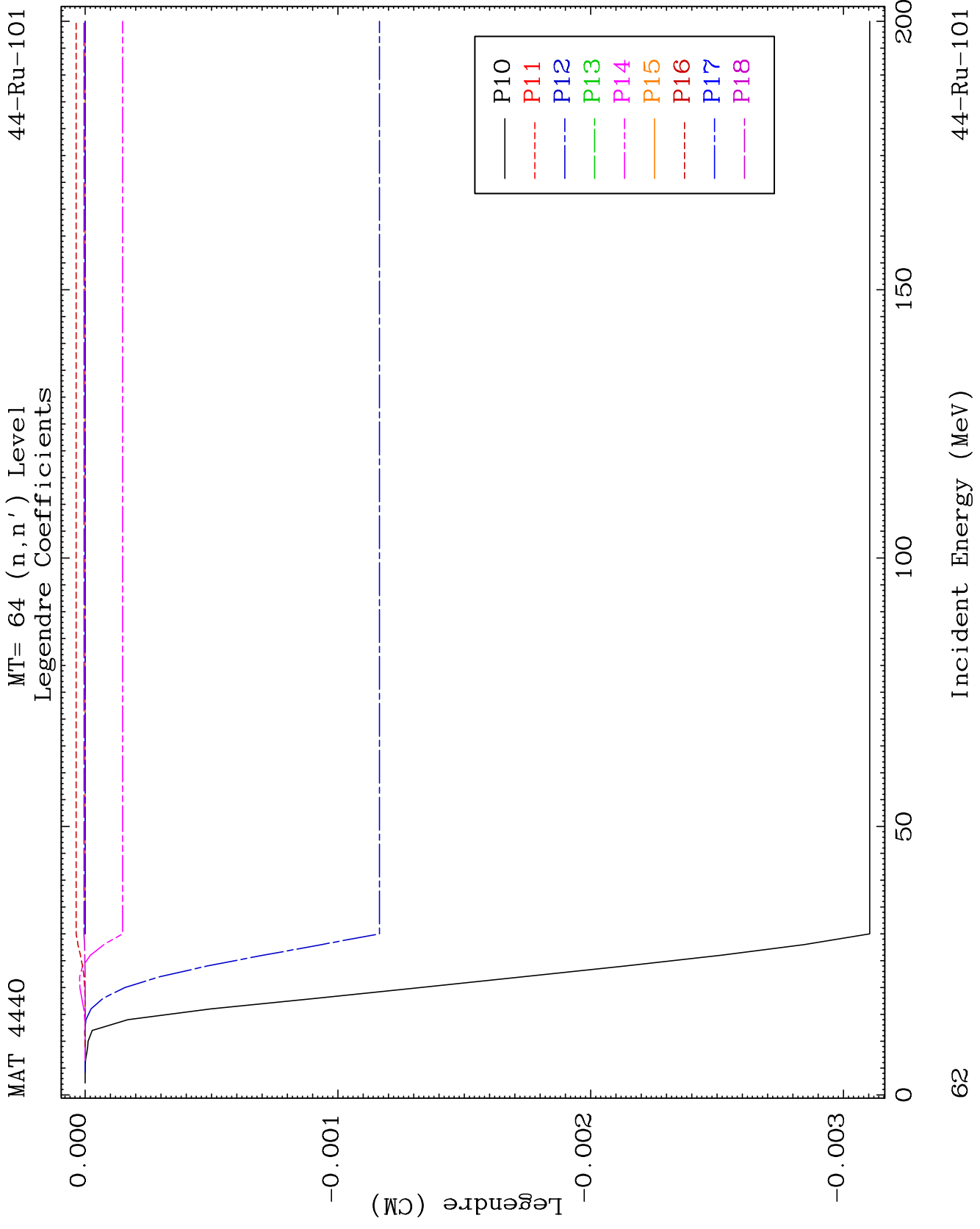
Incident Energy (MeV)

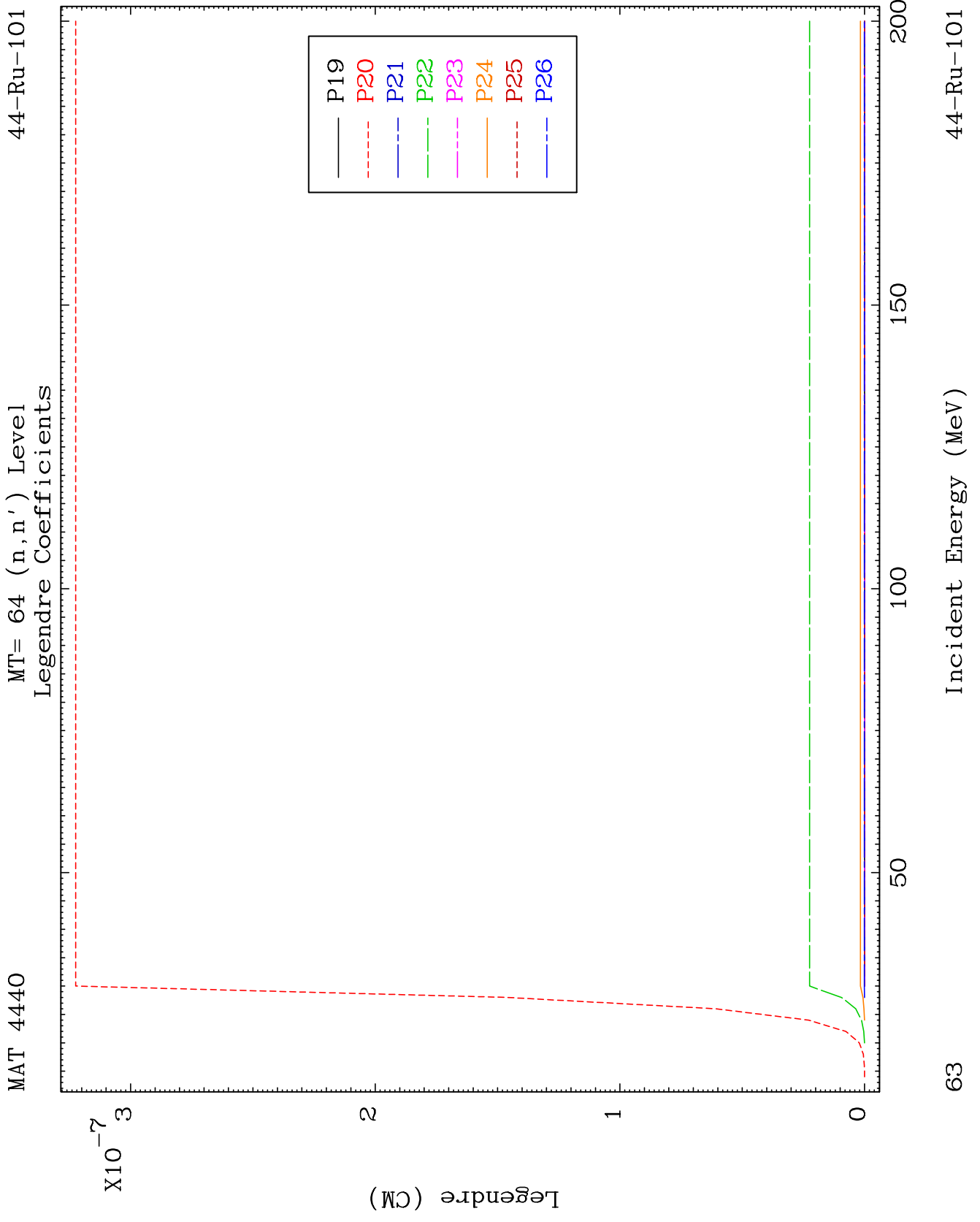
58



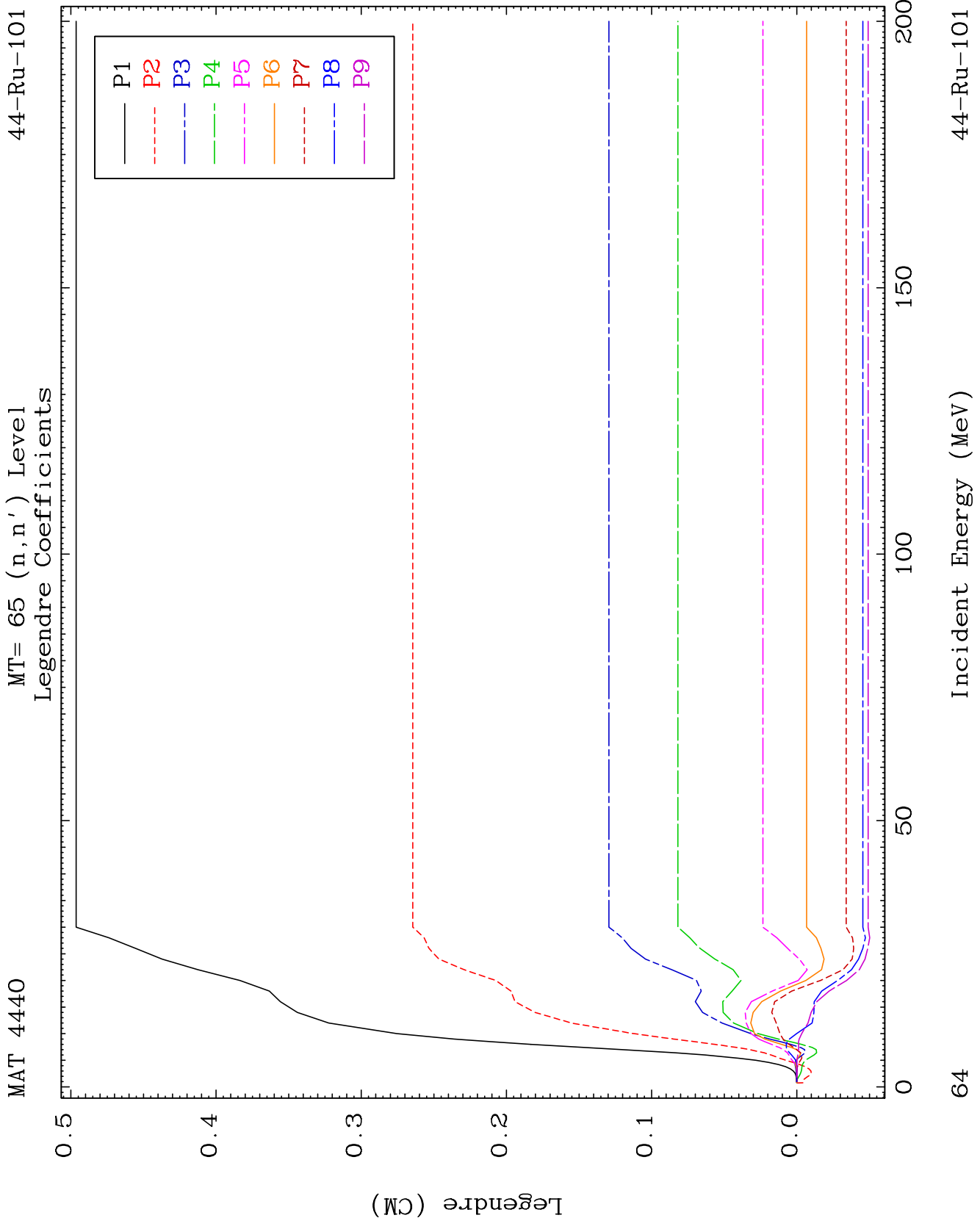








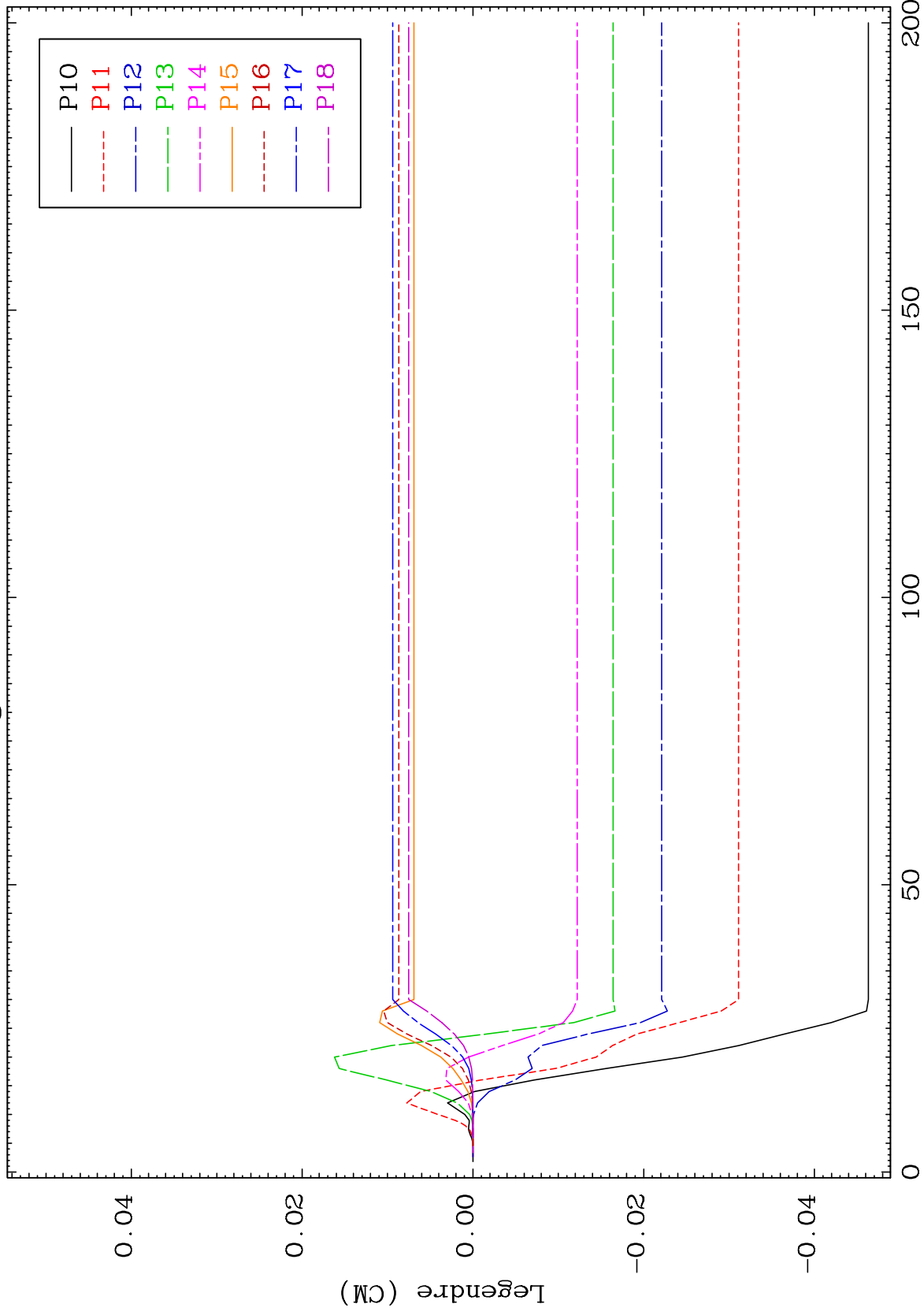




MAT 4440

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

44-Ru-101



65

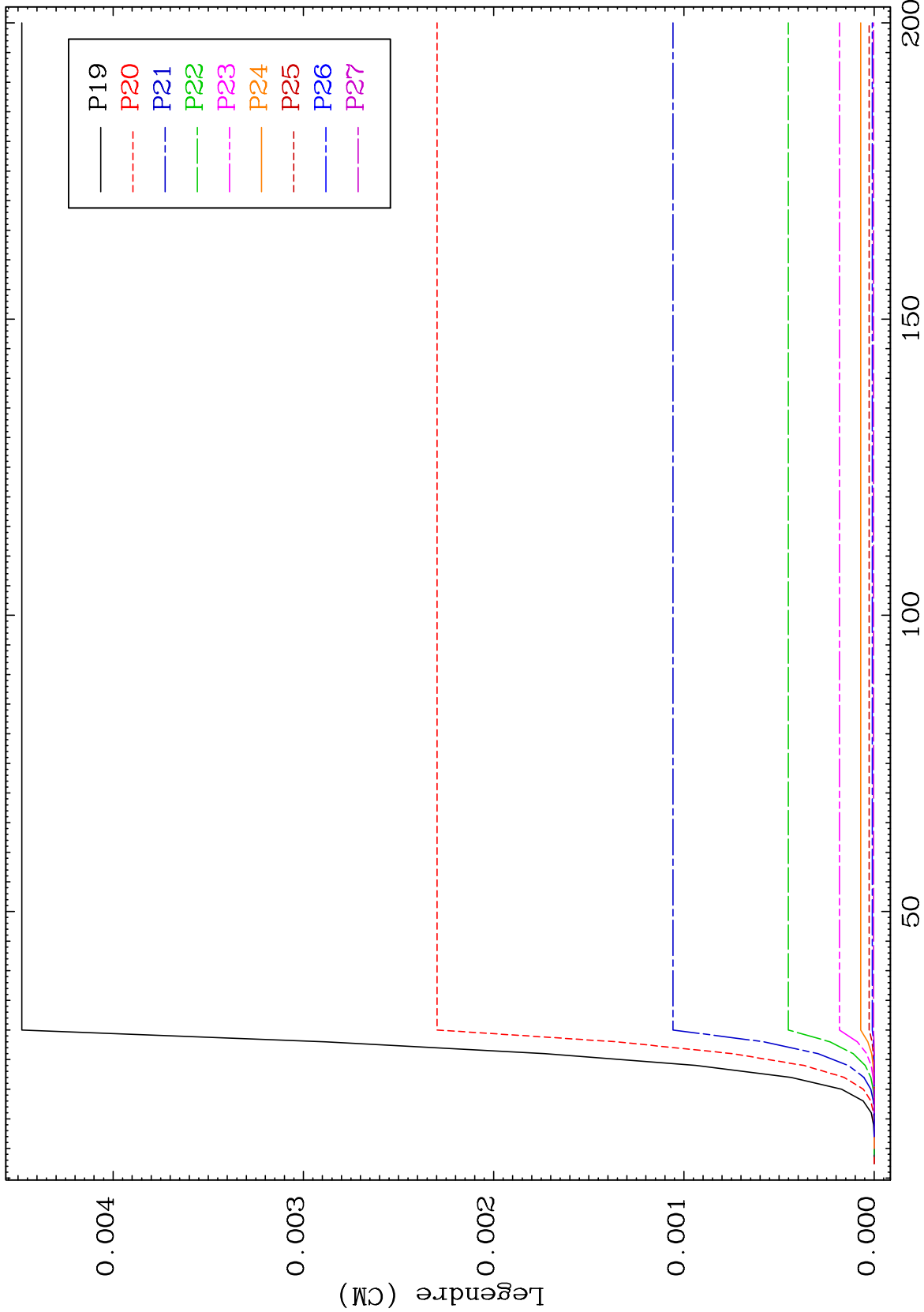
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



66

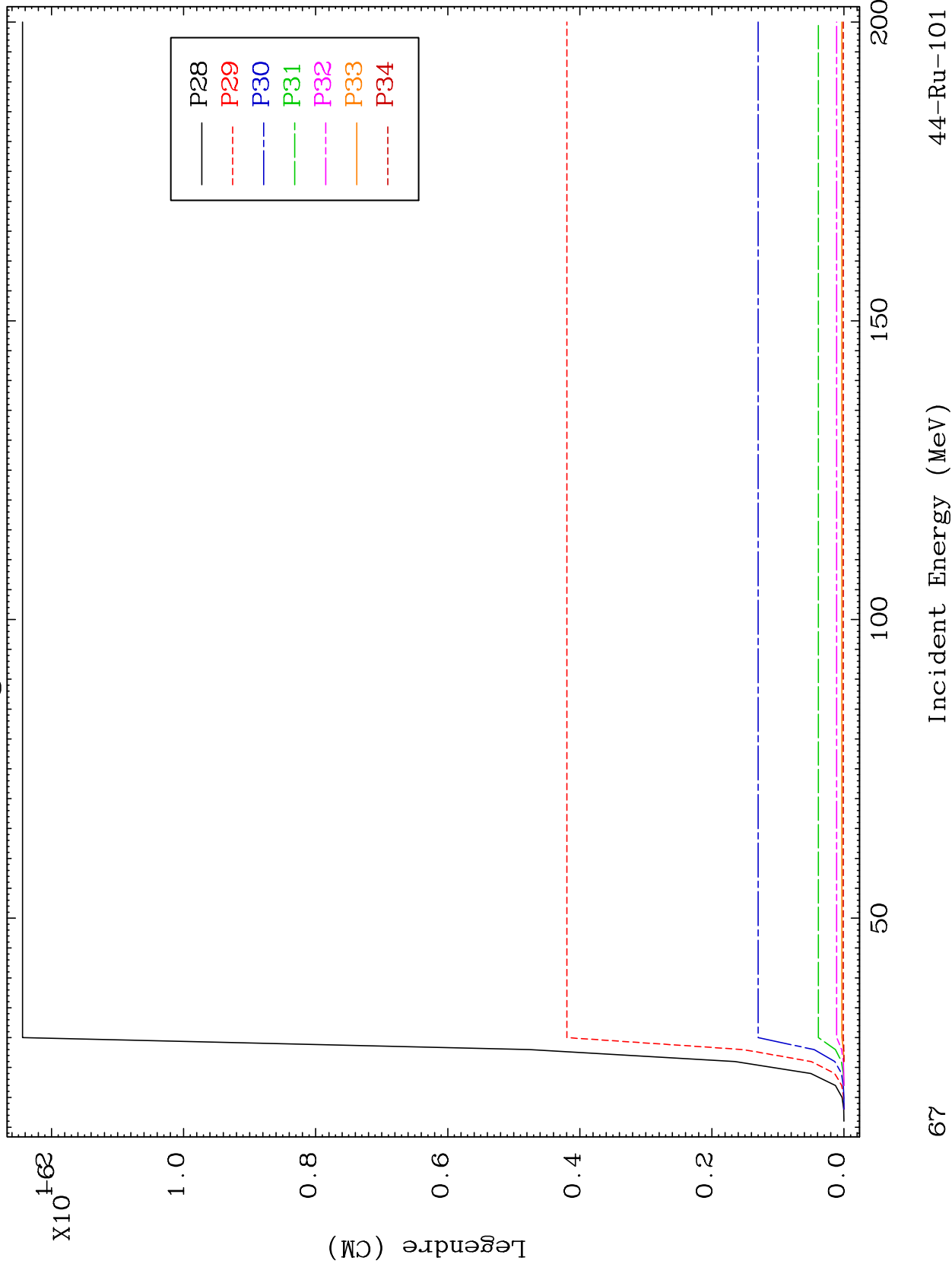
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



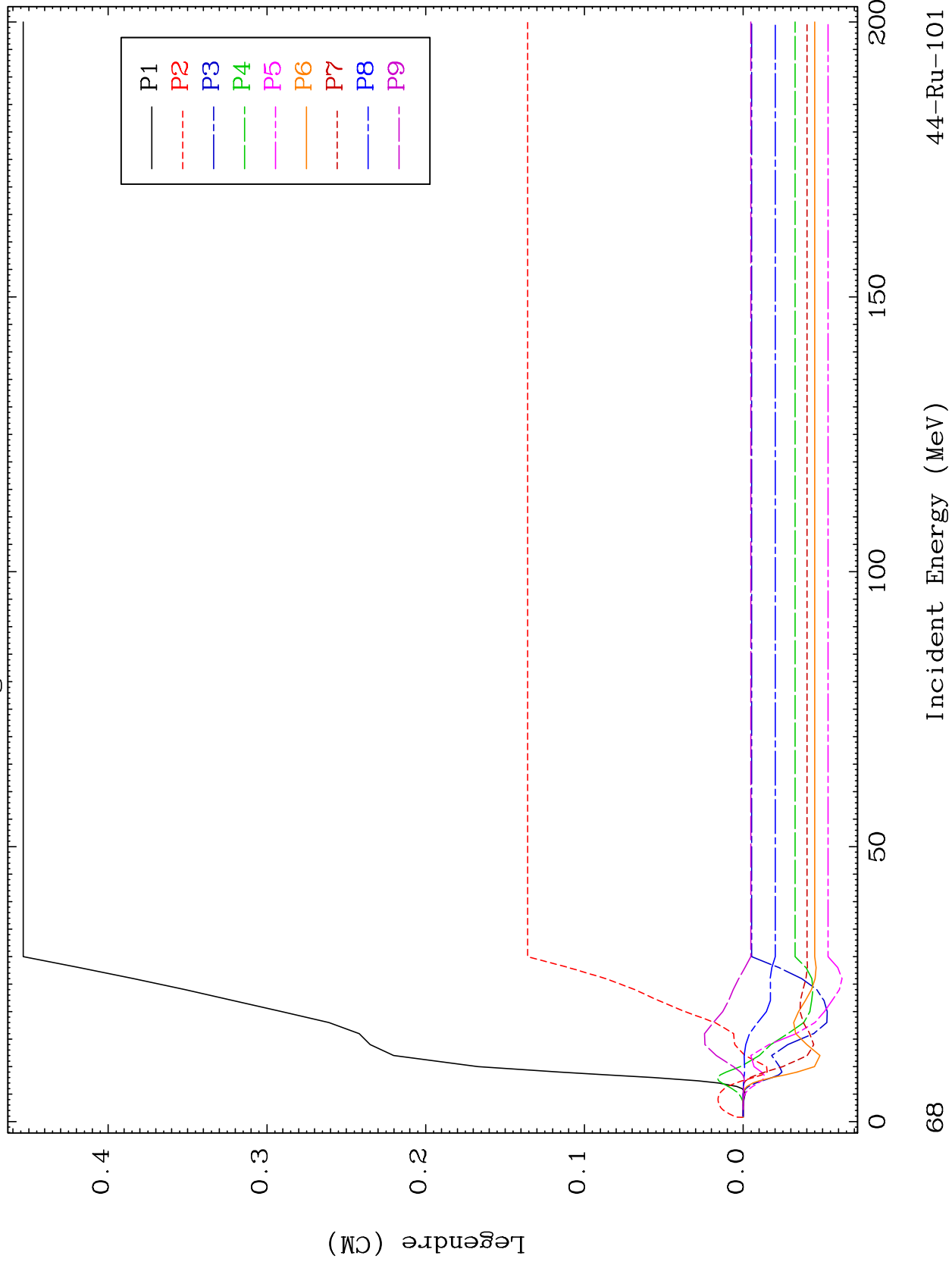
67

44-Ru-101

MAT 4440

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

44-Ru-101



44-Ru-101

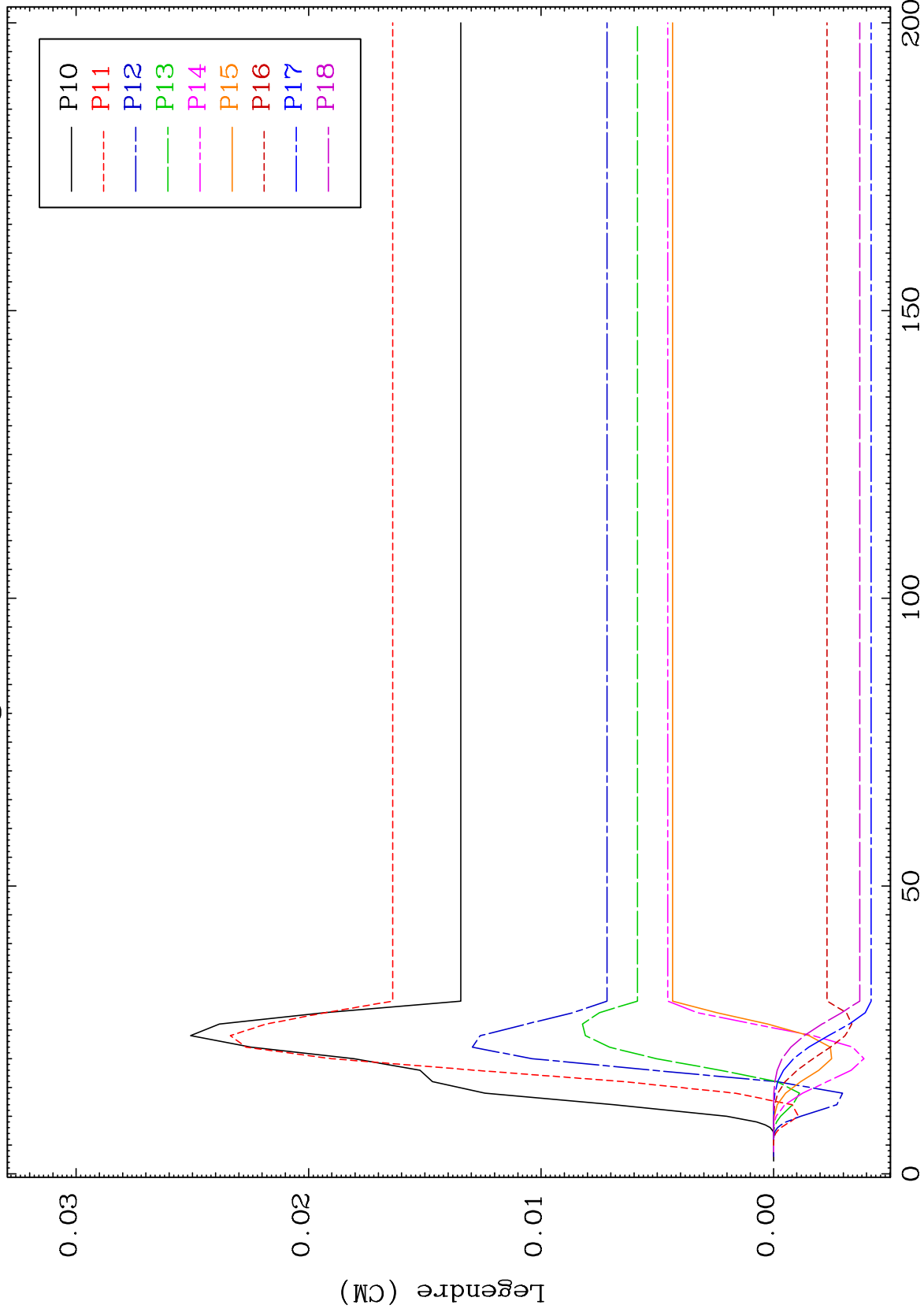
Incident Energy (MeV)

68

MAT 4440

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

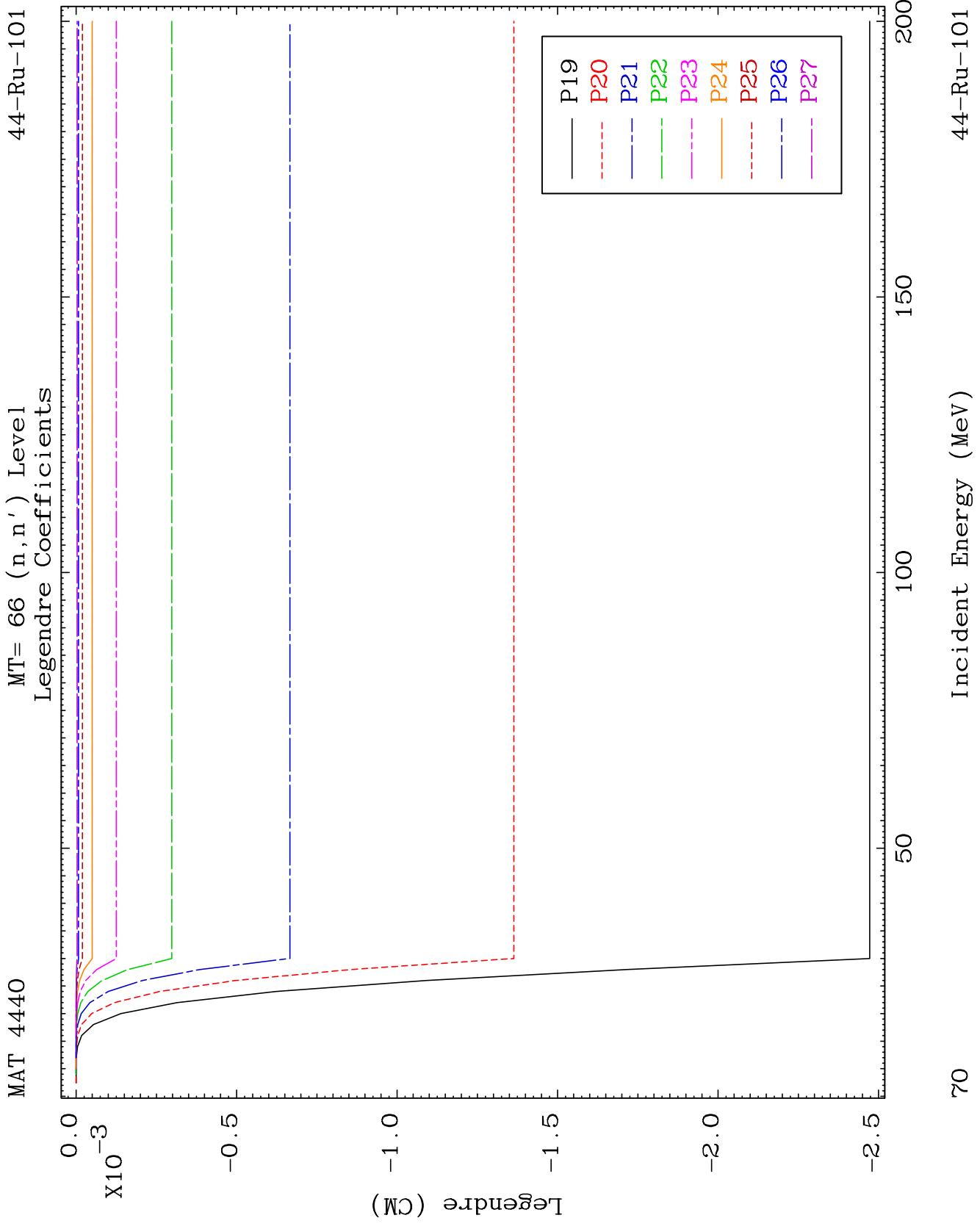
44-Ru-101

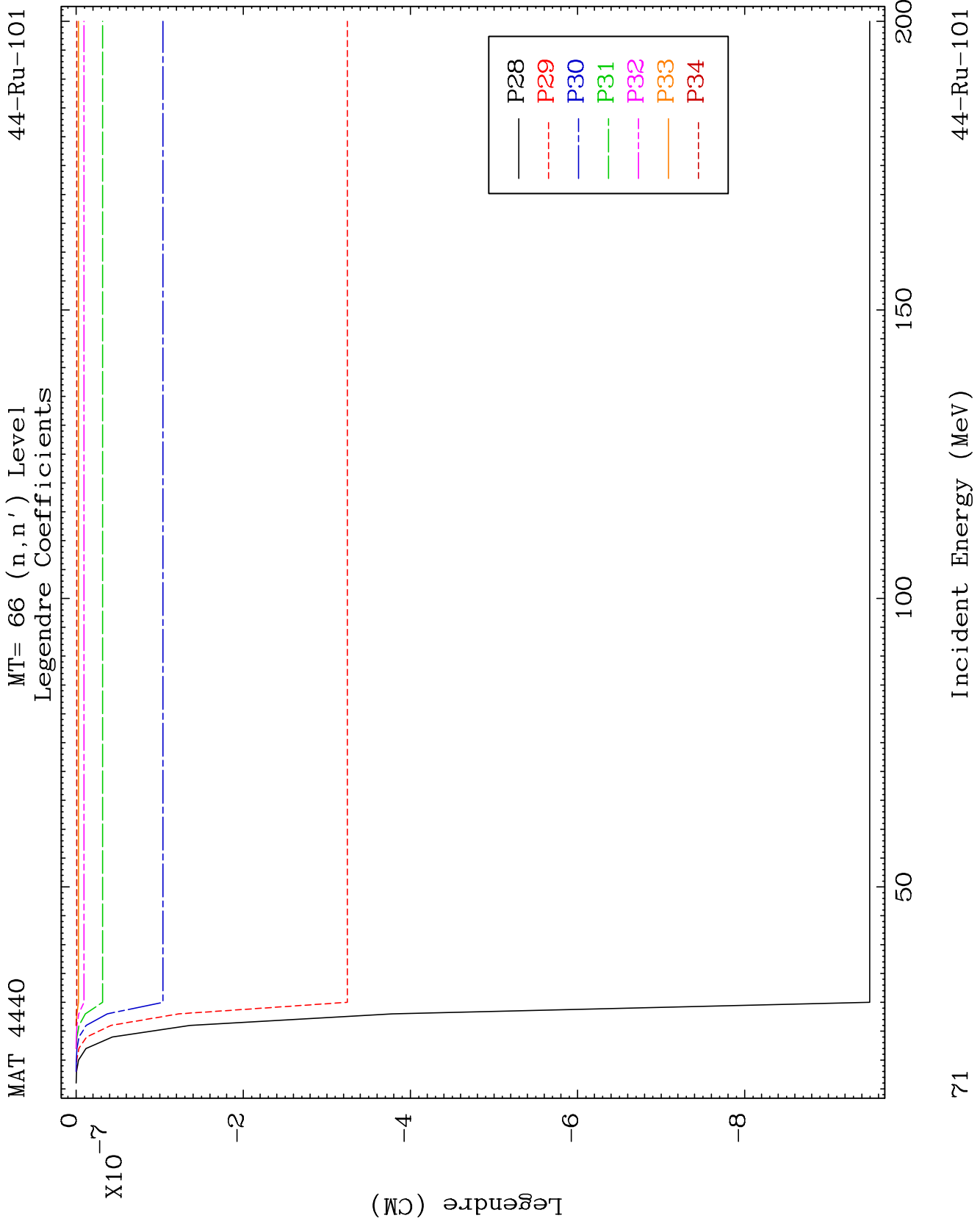


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Incident Energy (MeV)

44-Ru-101





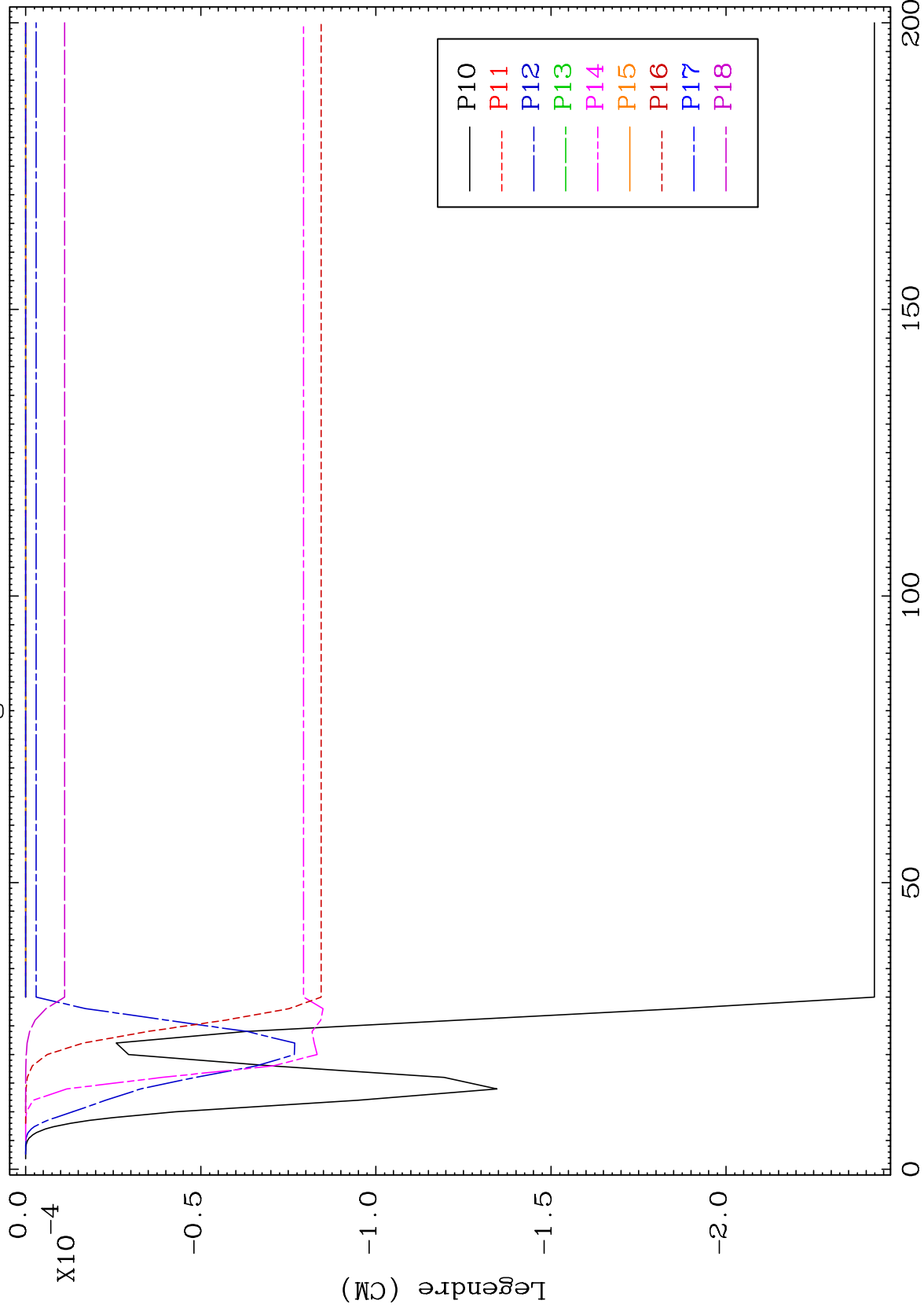




MAT 4440

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

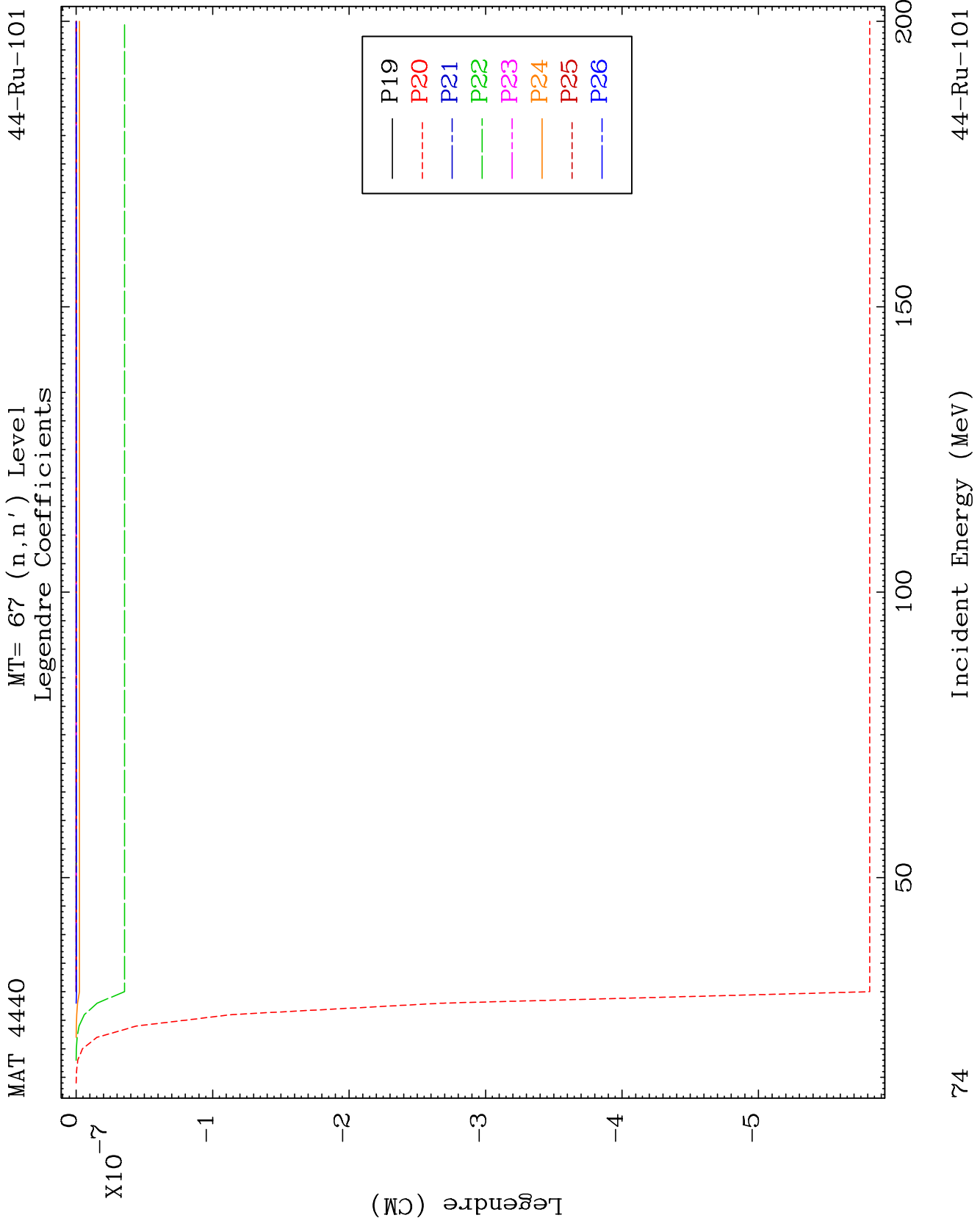
44-Ru-101

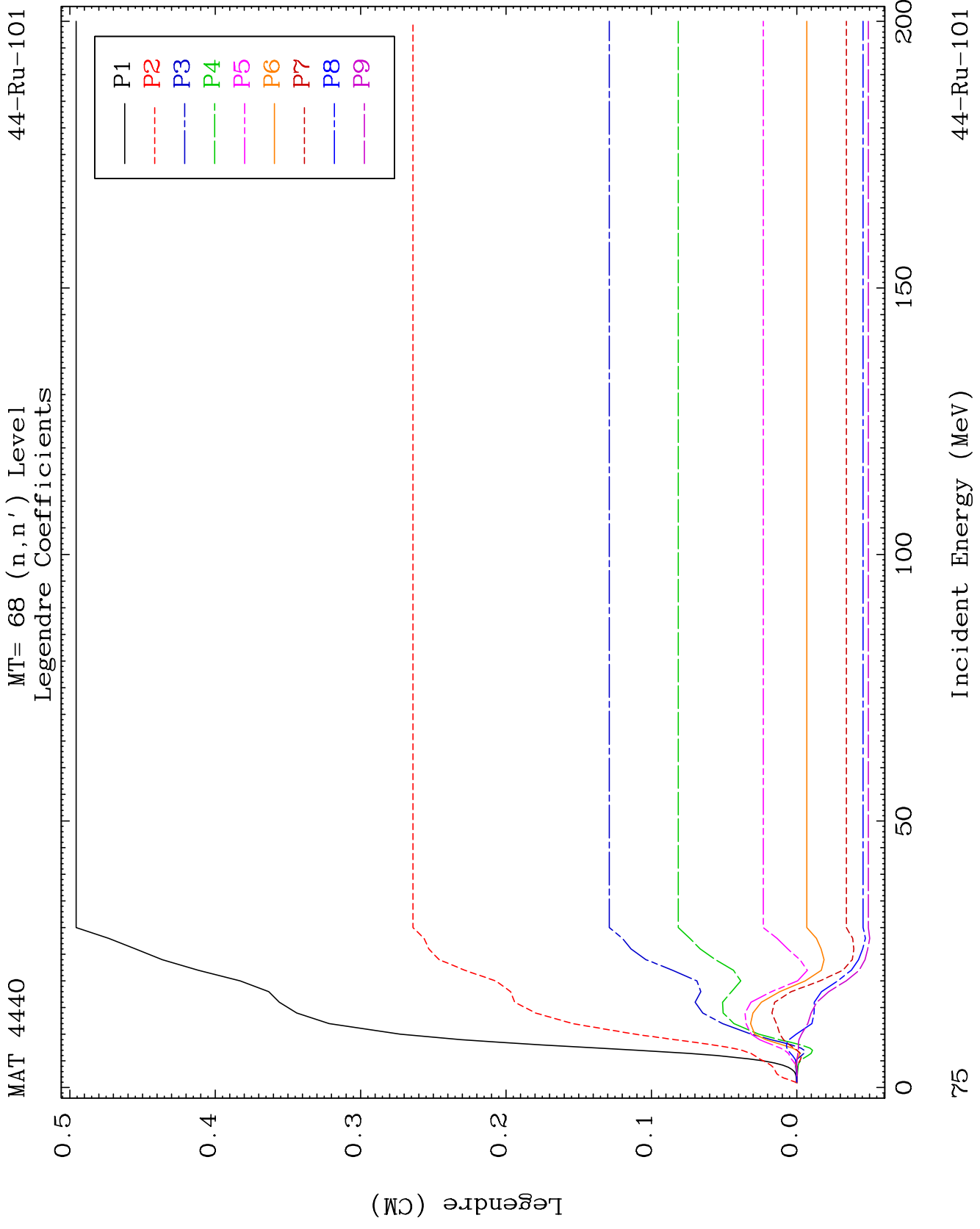


73

Incident Energy (MeV)

44-Ru-101

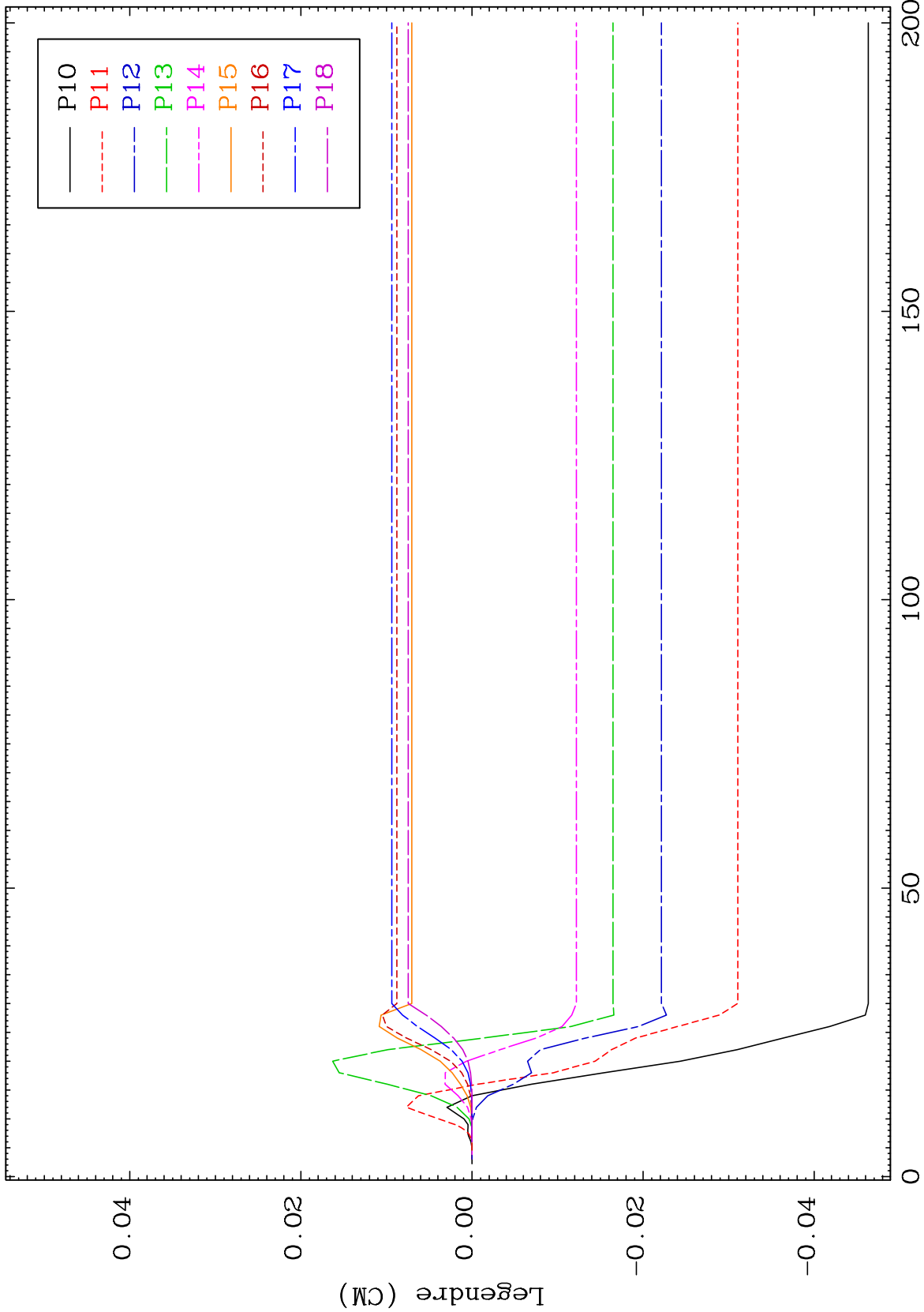




MAT 4440

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

44-Ru-101



76

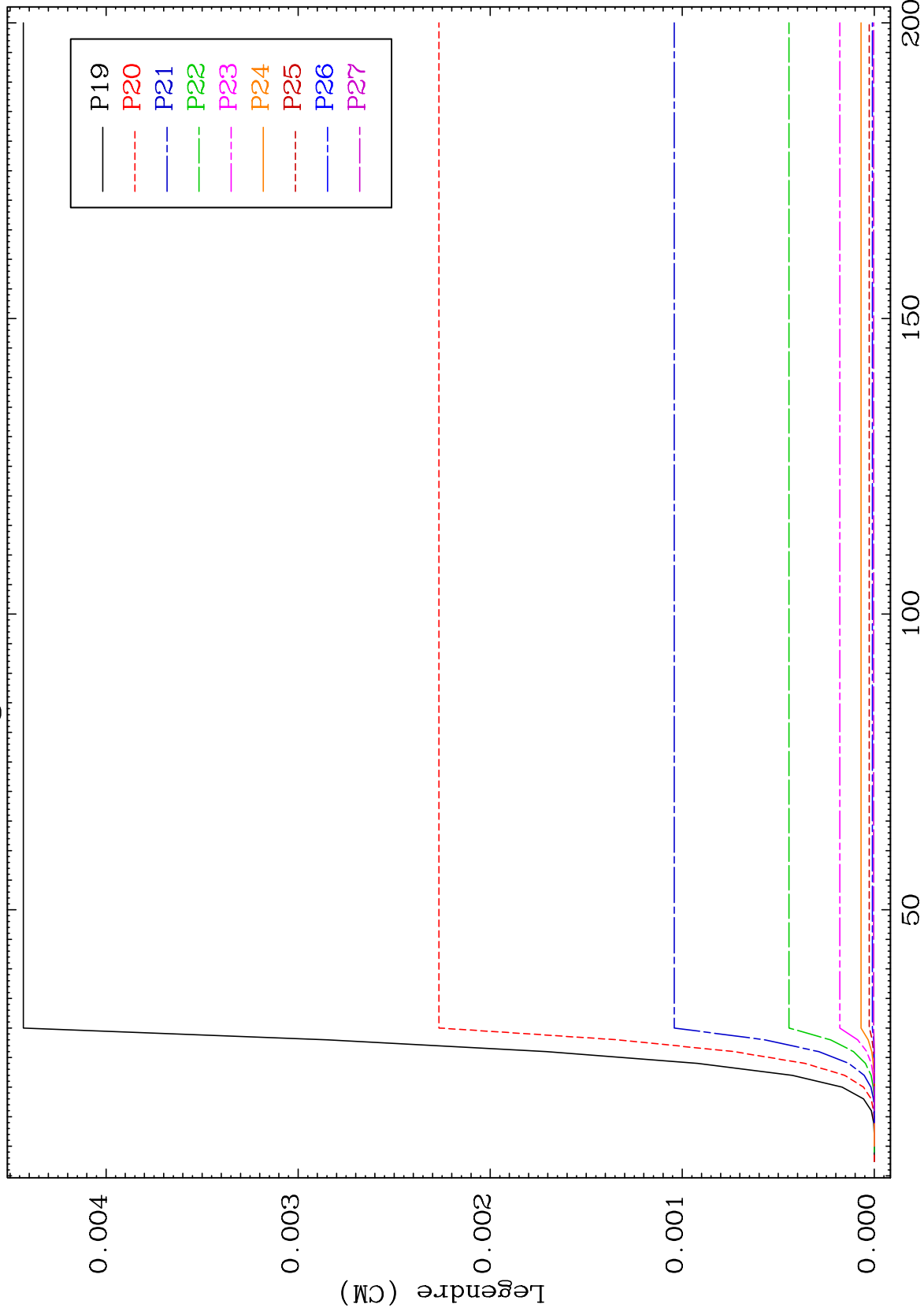
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



77

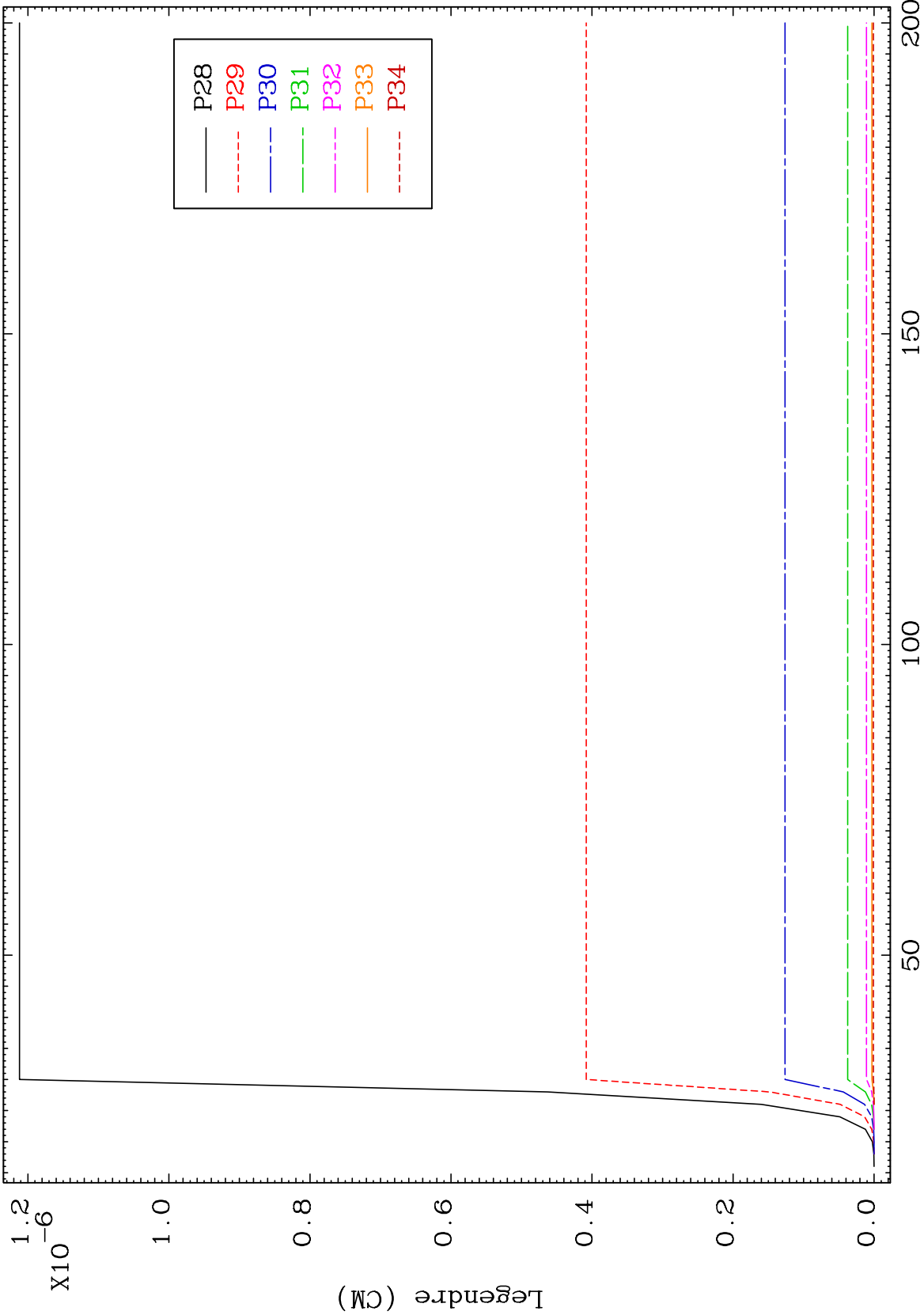
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



78

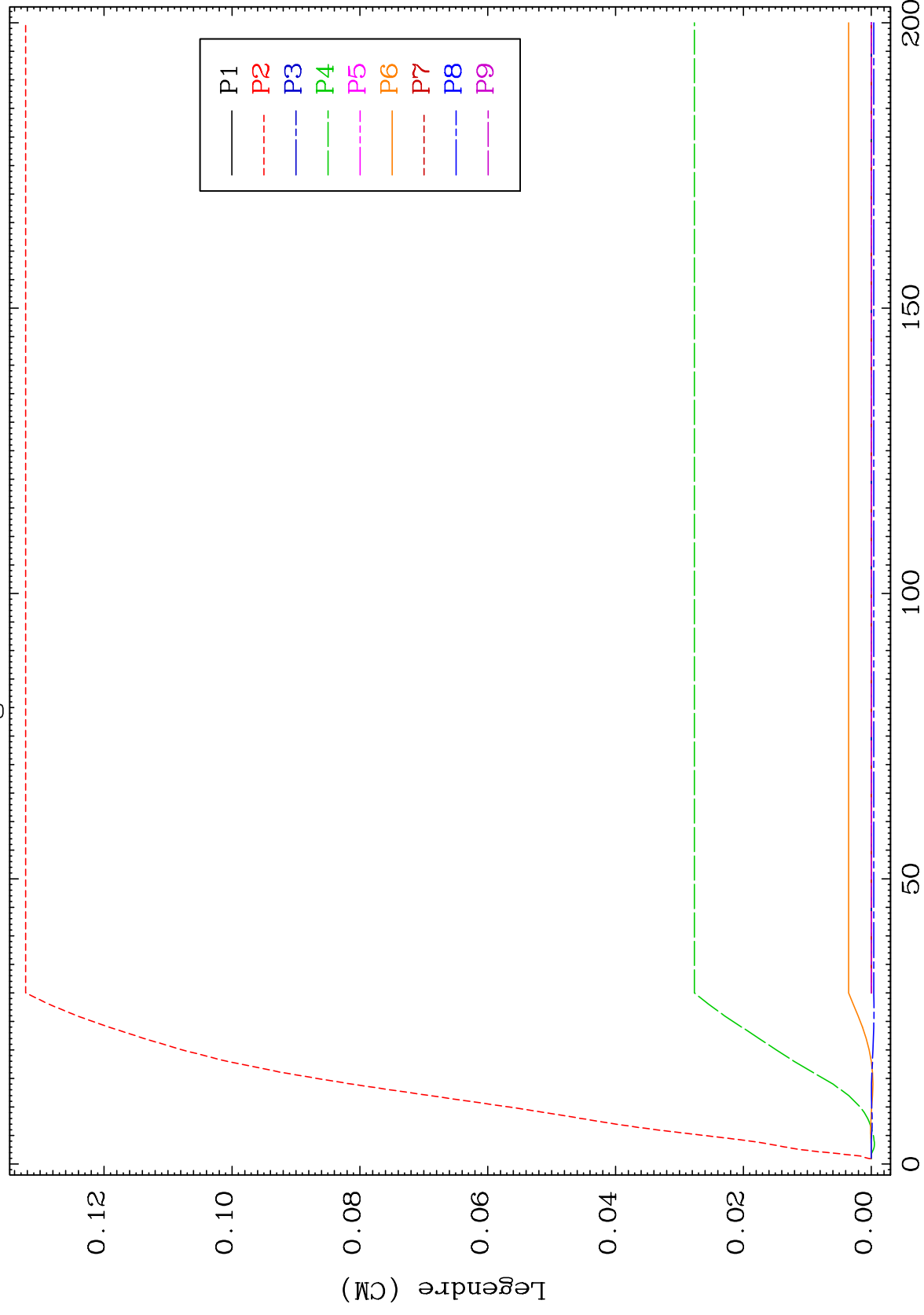
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



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Incident Energy (MeV)

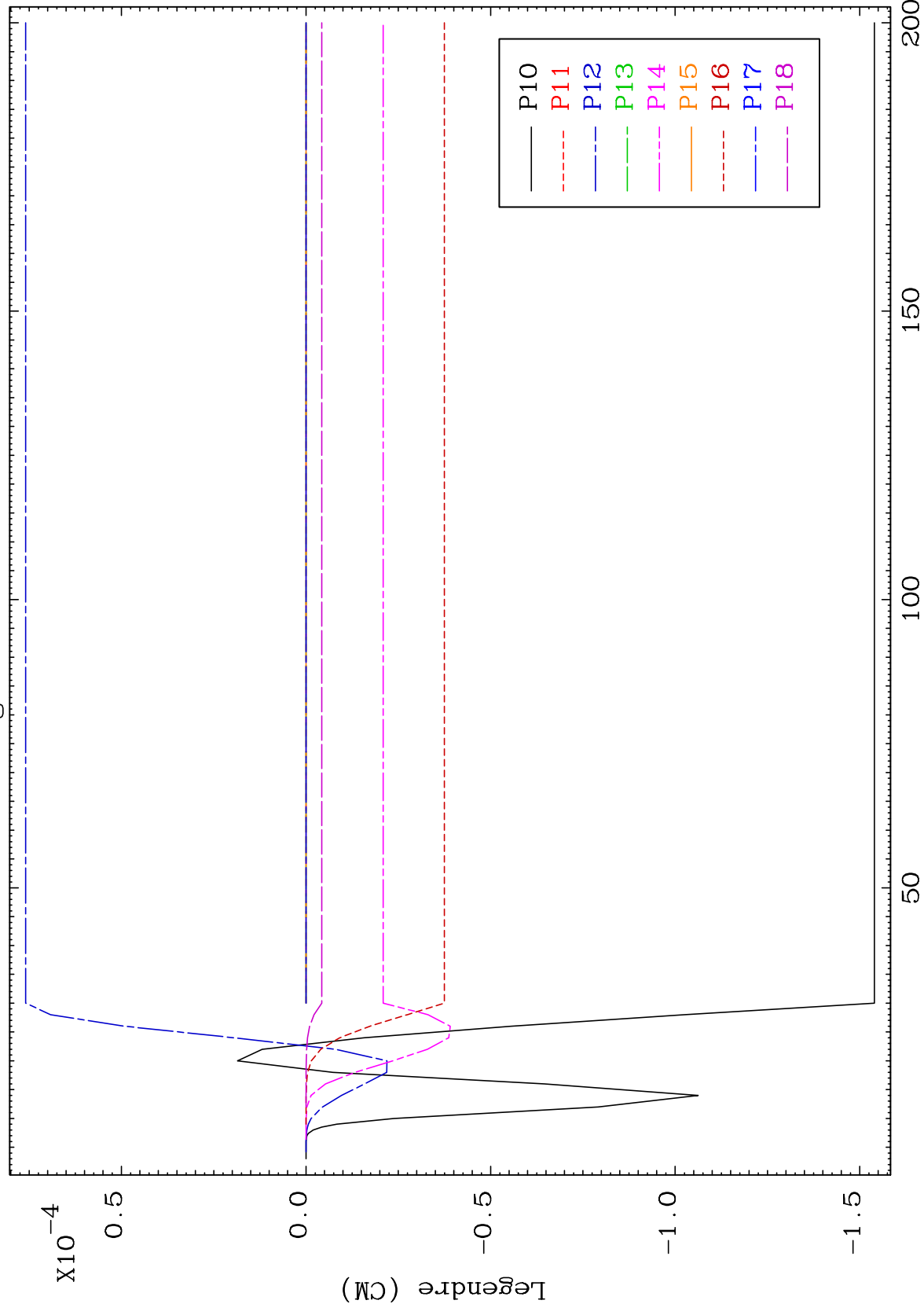
44-Ru-101



MAT 4440

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

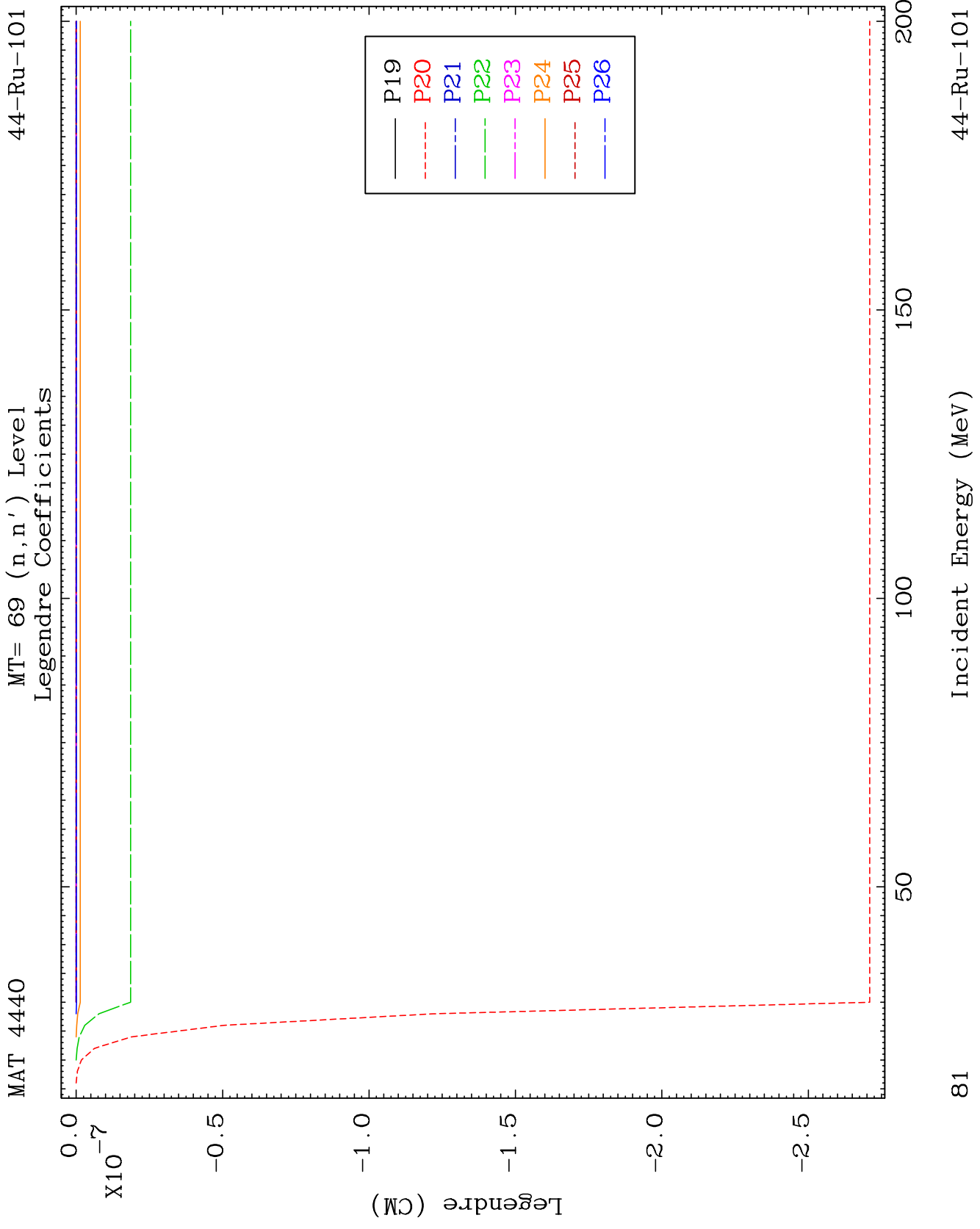
44-Ru-101

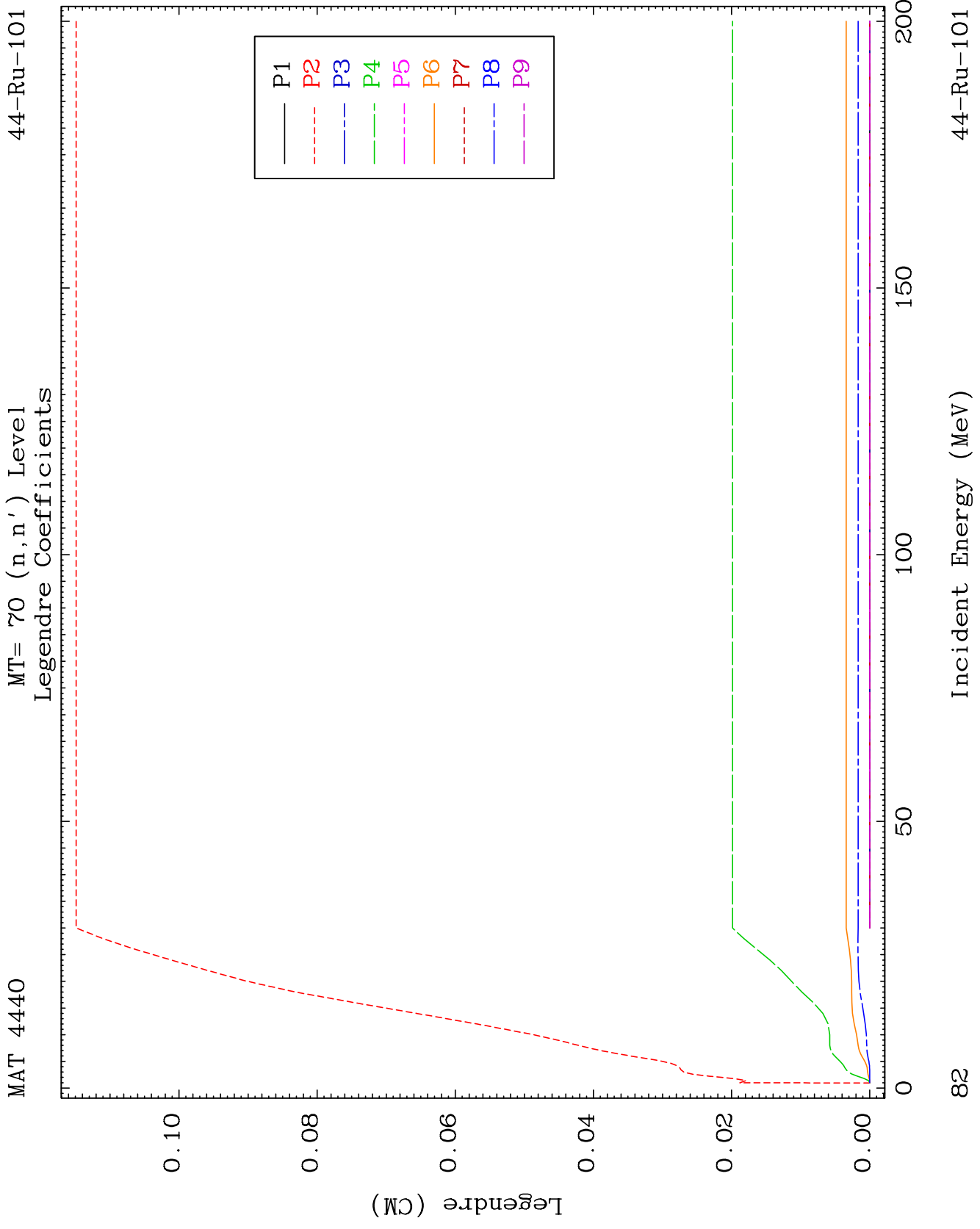


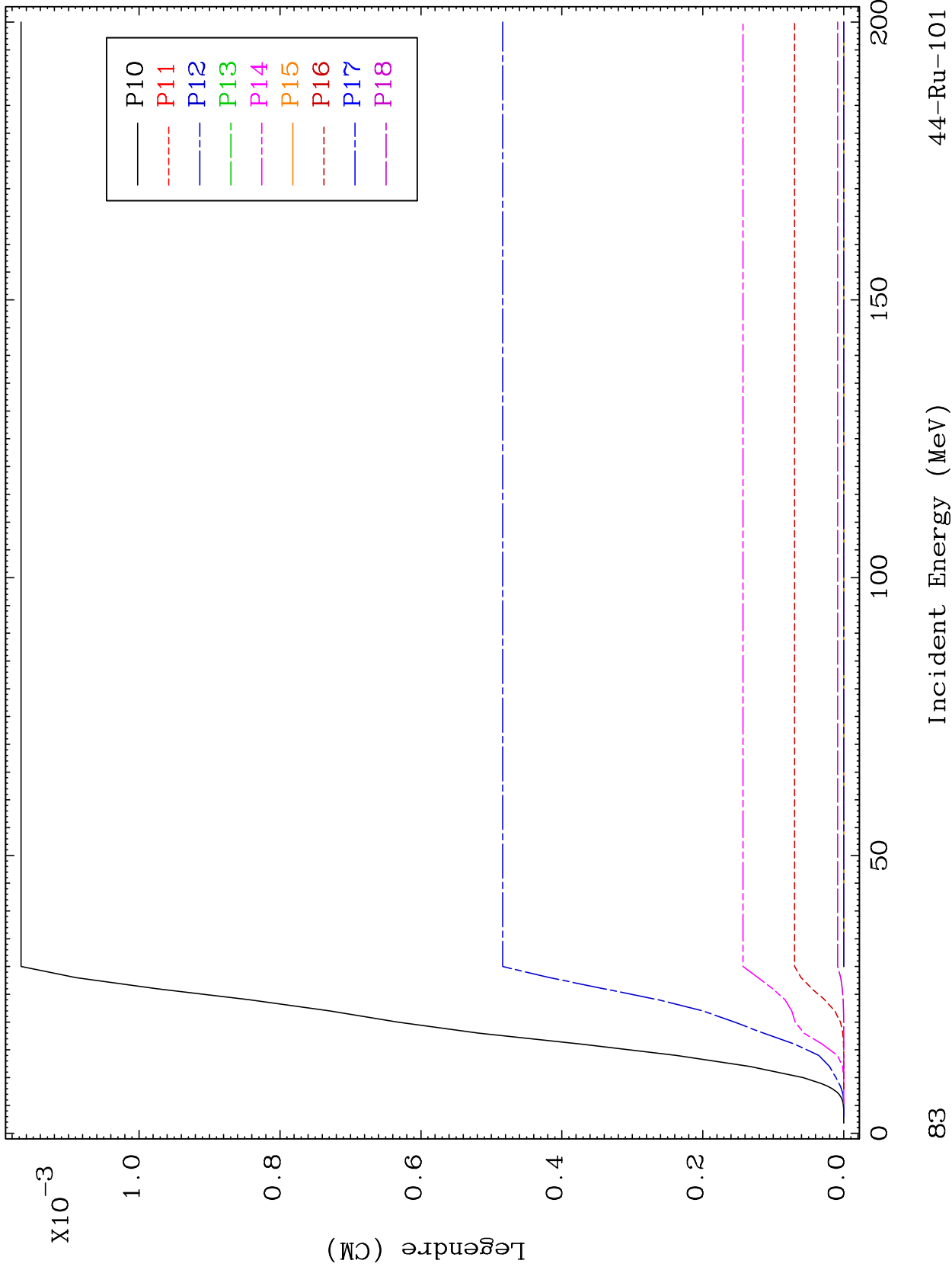
80

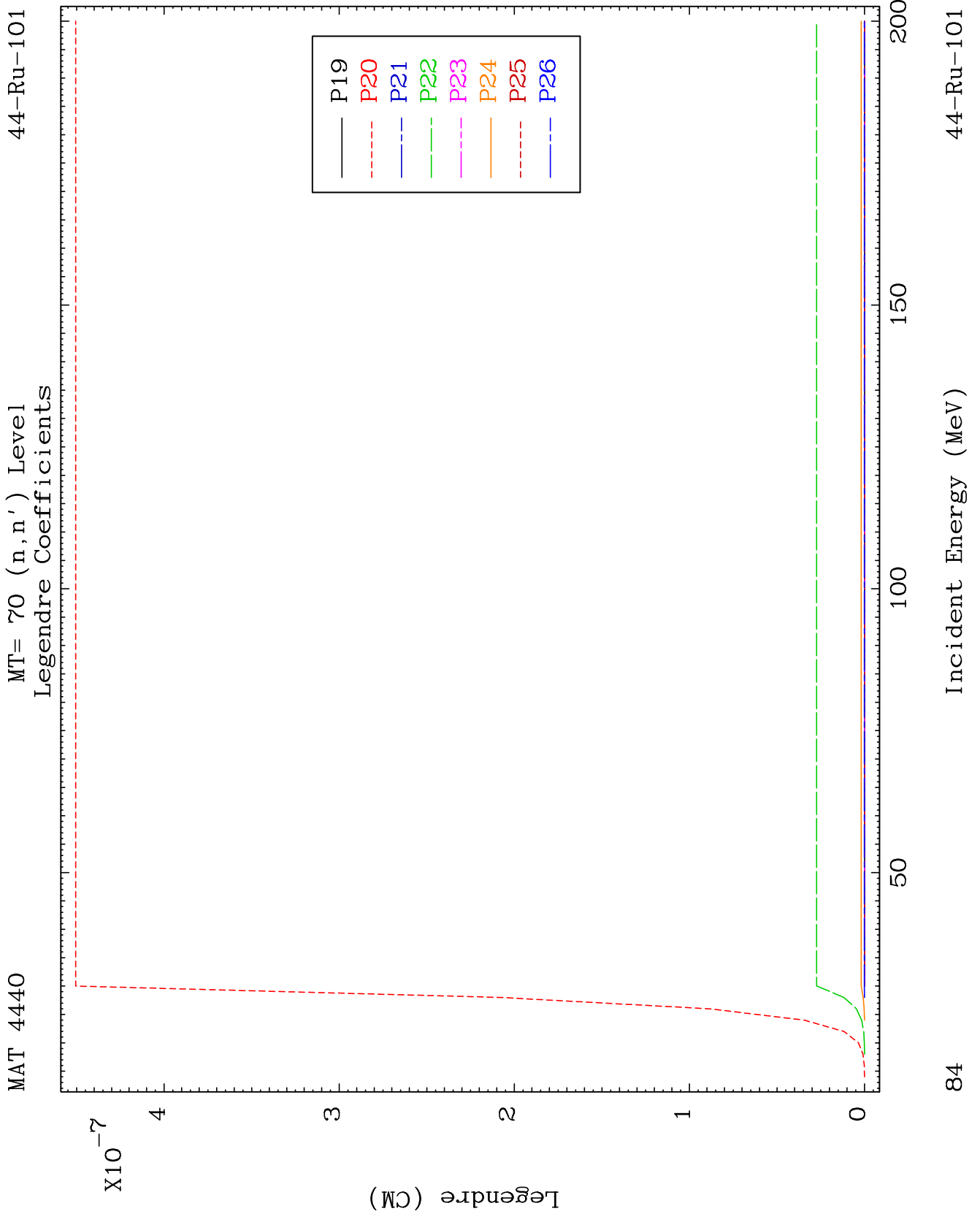
Incident Energy (MeV)

44-Ru-101





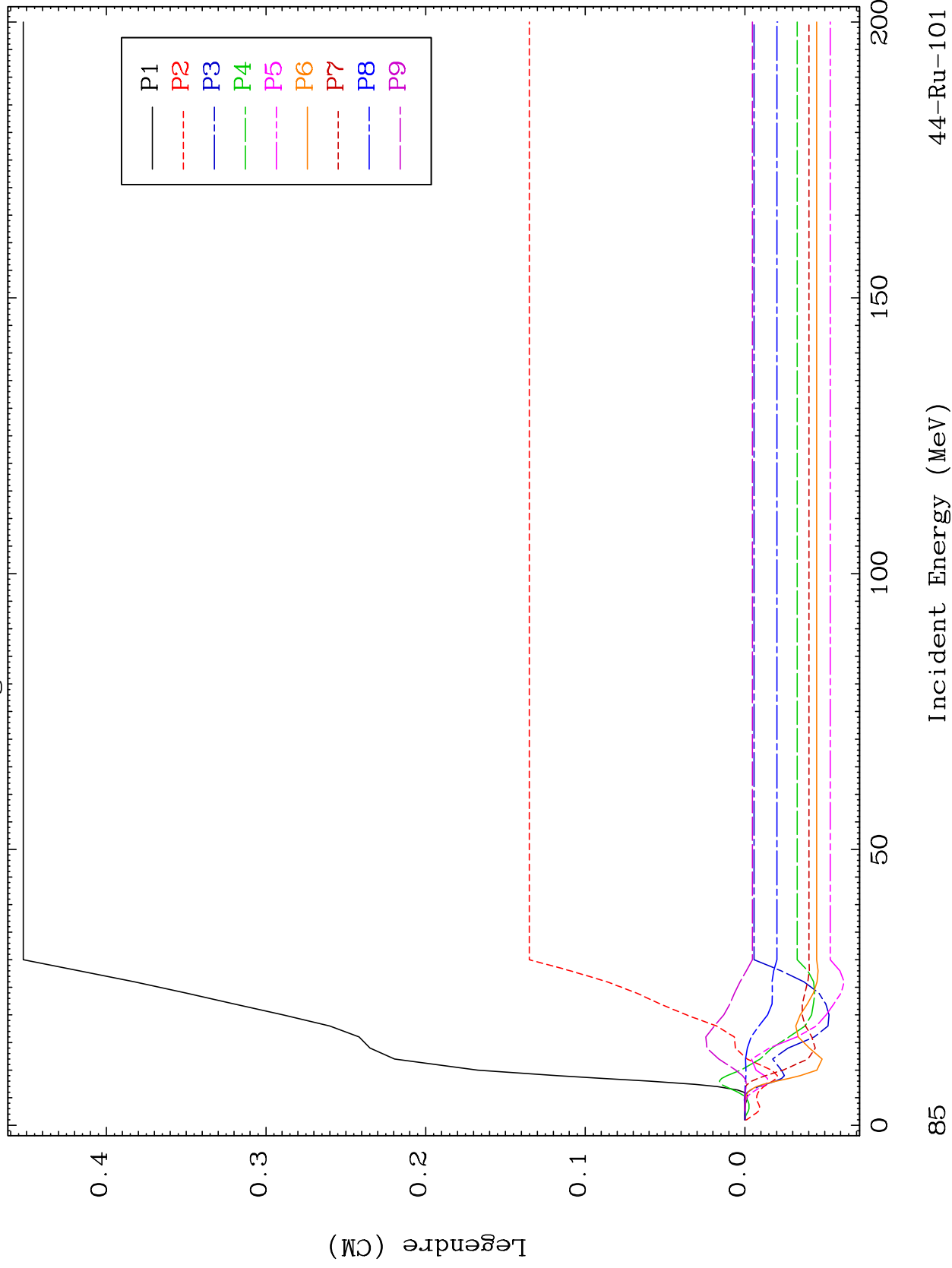




MAT 4440

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

44-Ru-101



44-Ru-101

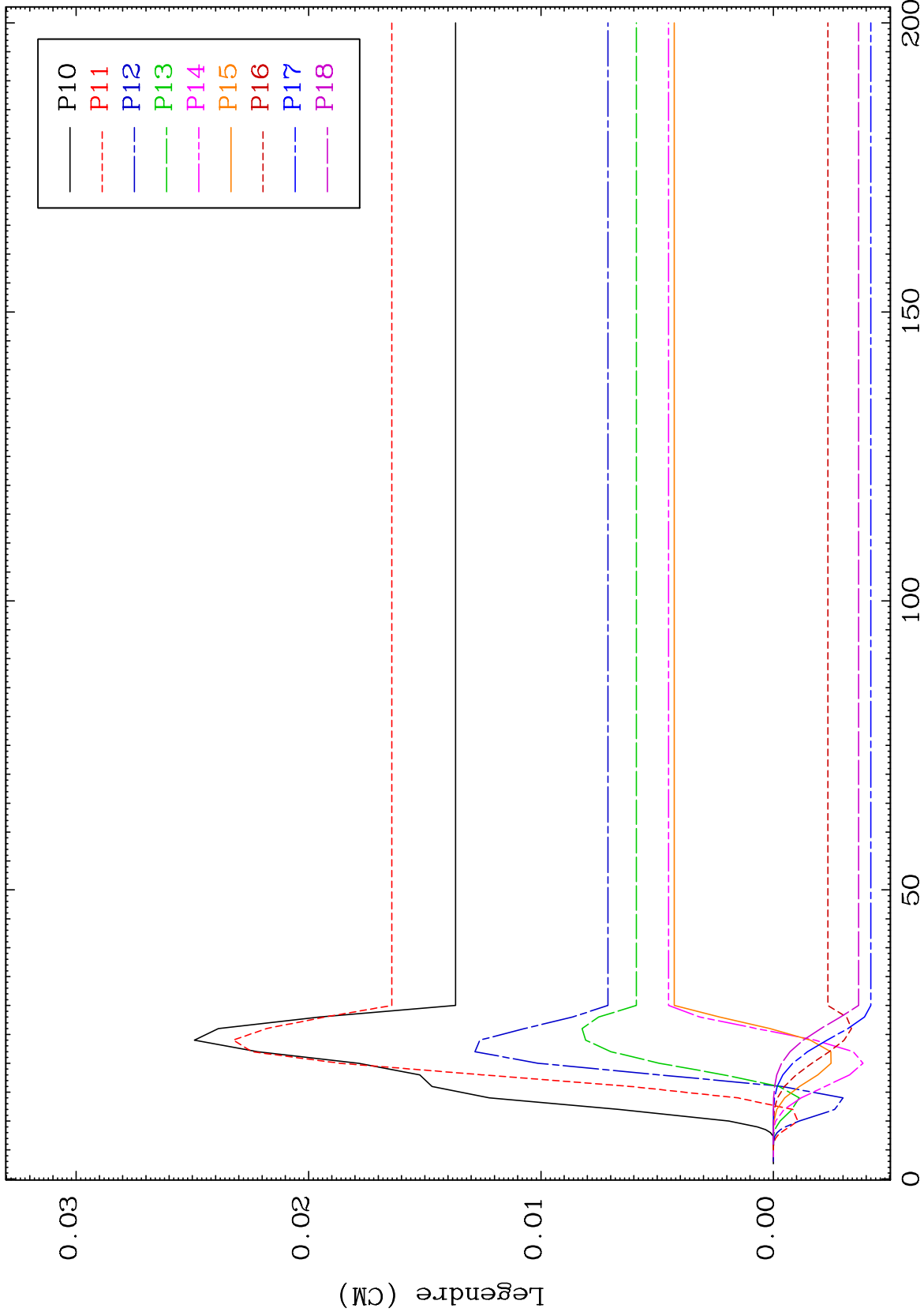
Incident Energy (MeV)

85

MAT 4440

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

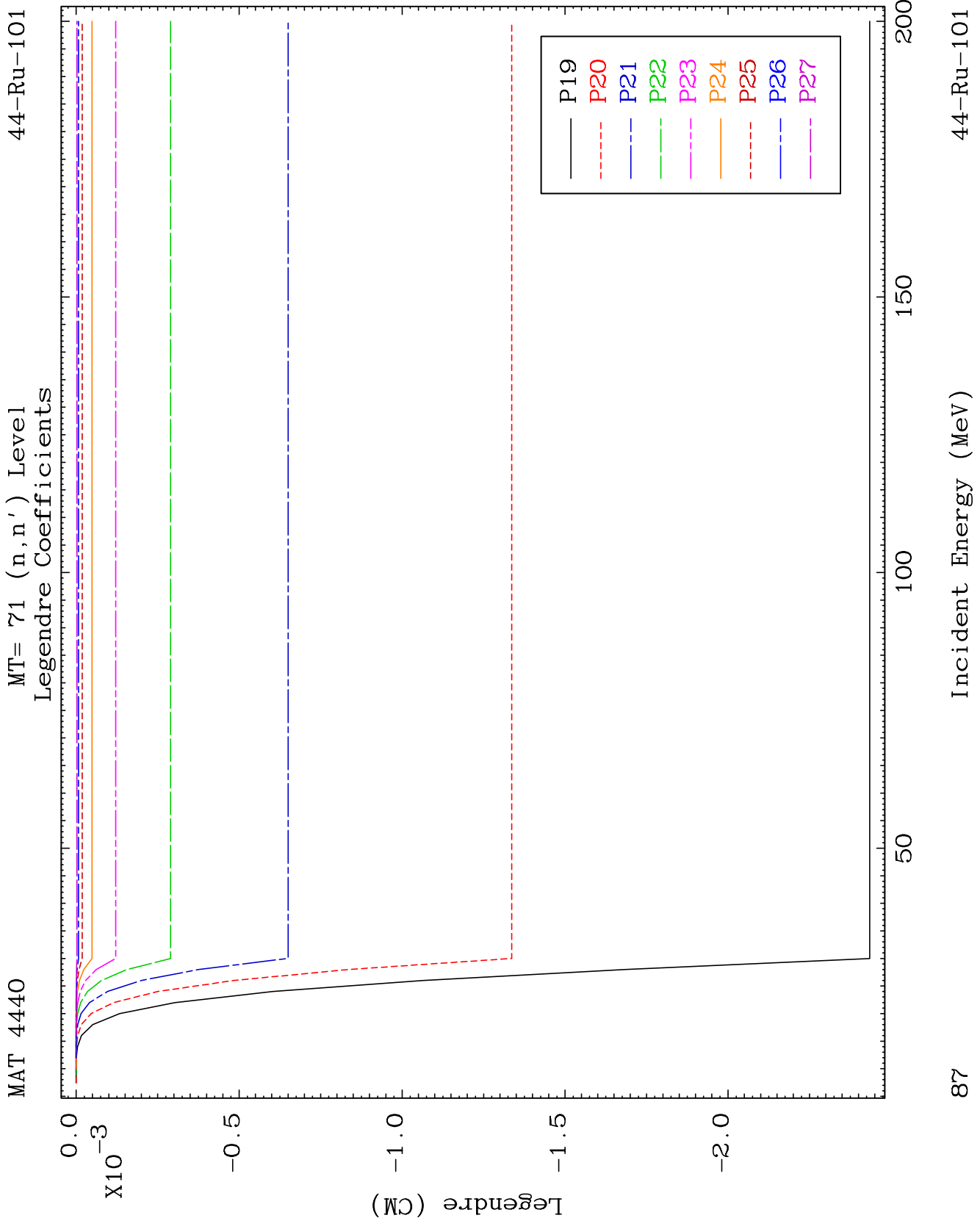
44-Ru-101



86

Incident Energy (MeV)

44-Ru-101

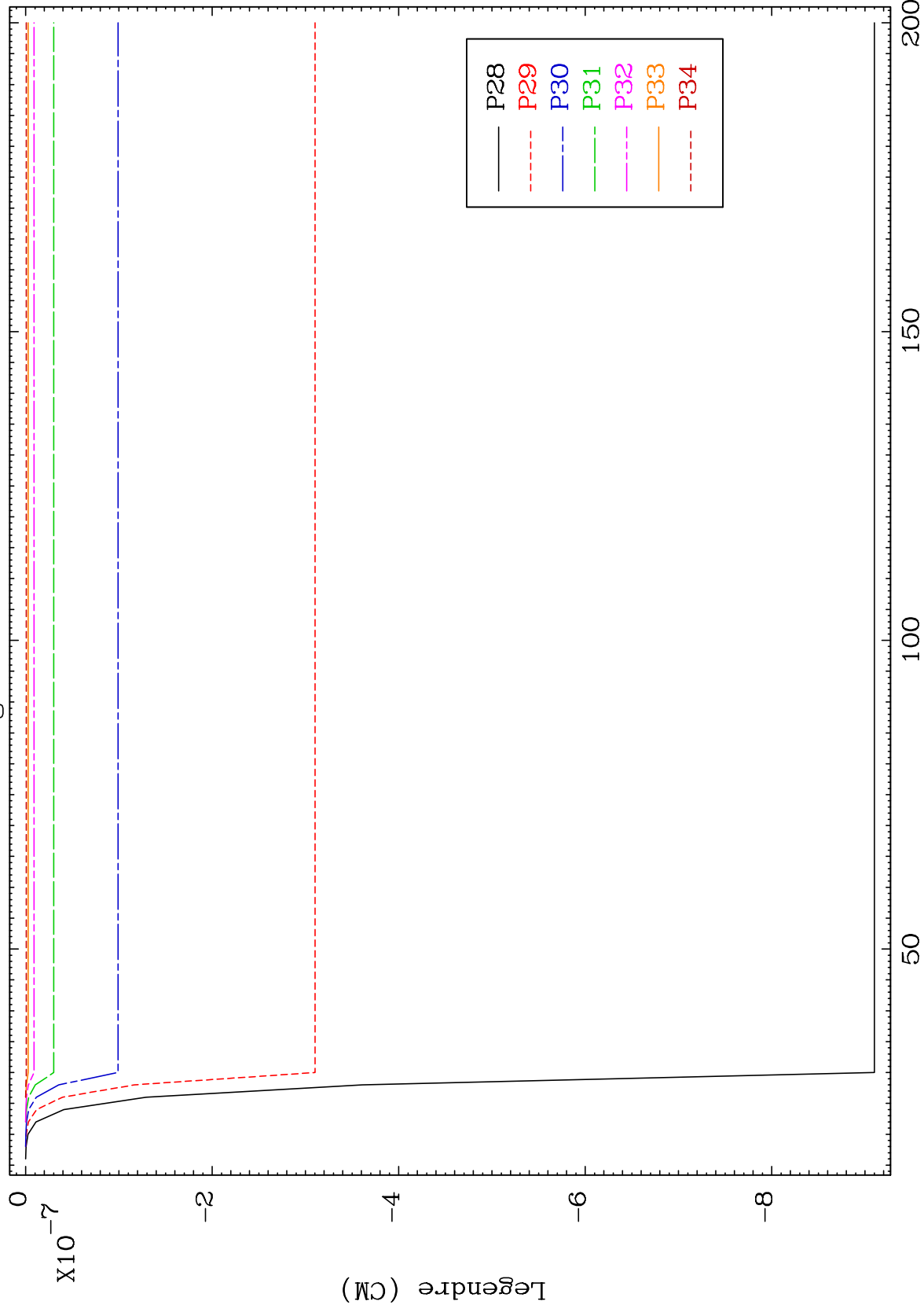




MAT 4440

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

44-Ru-101



88

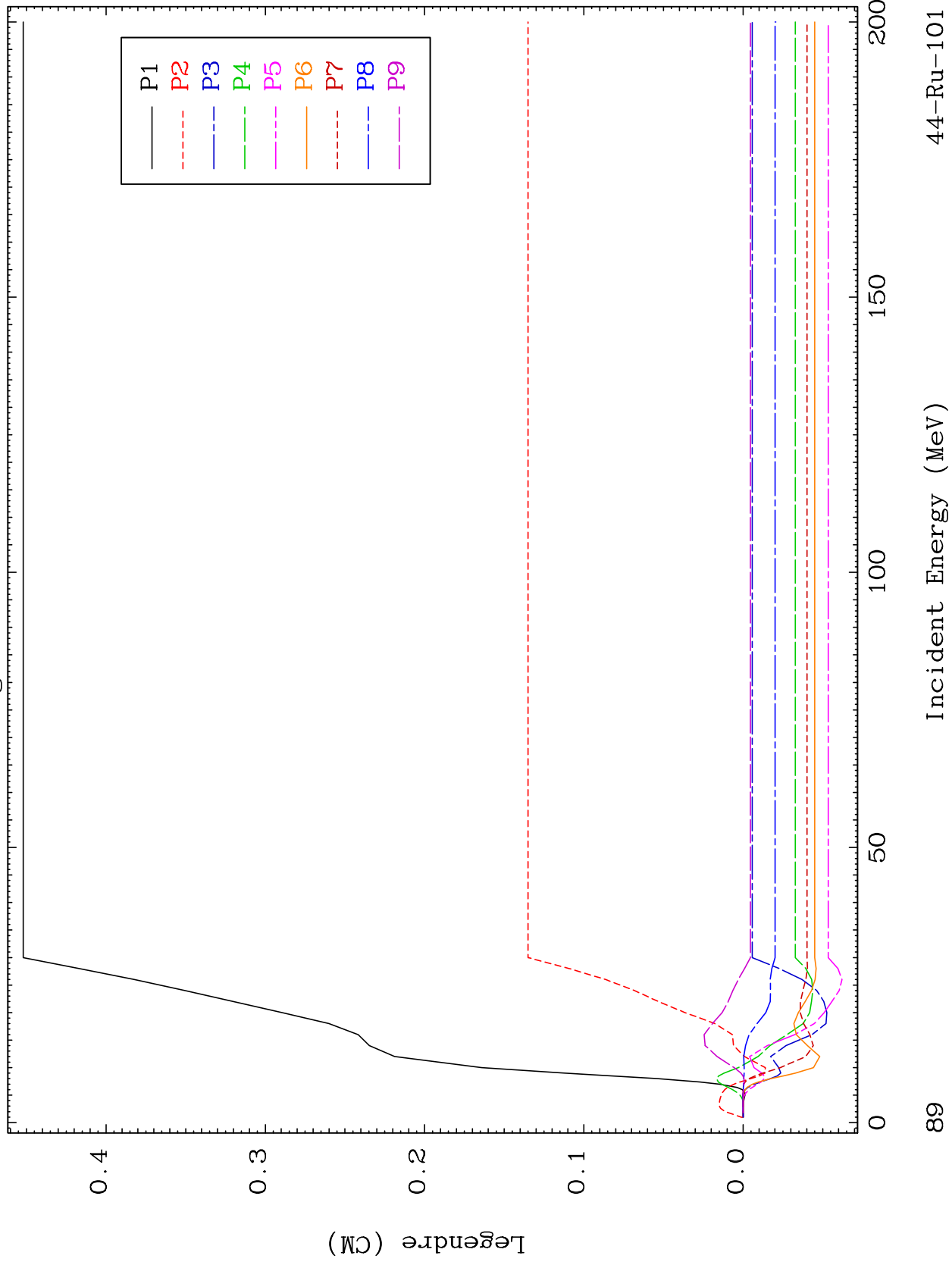
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



89

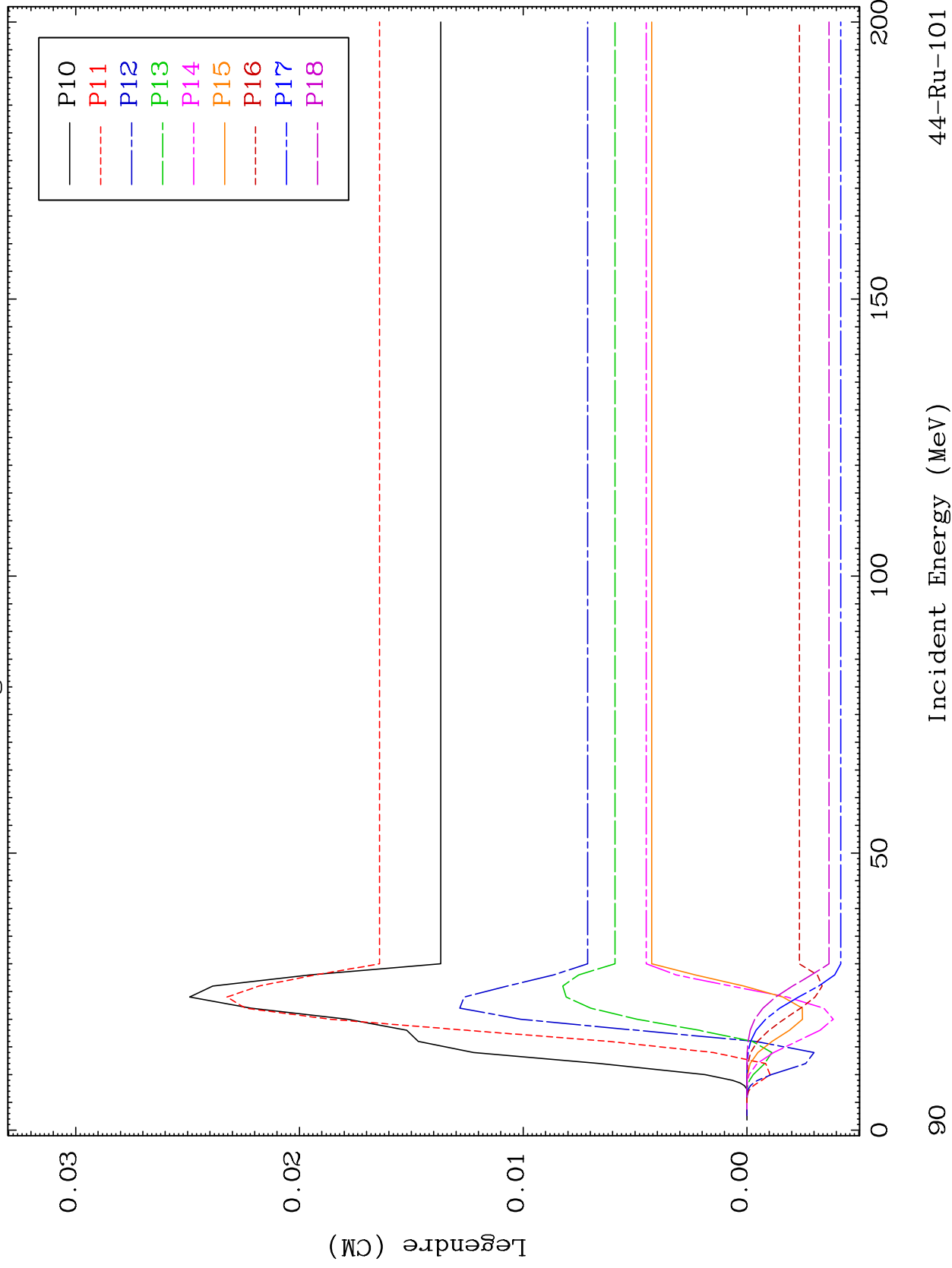
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

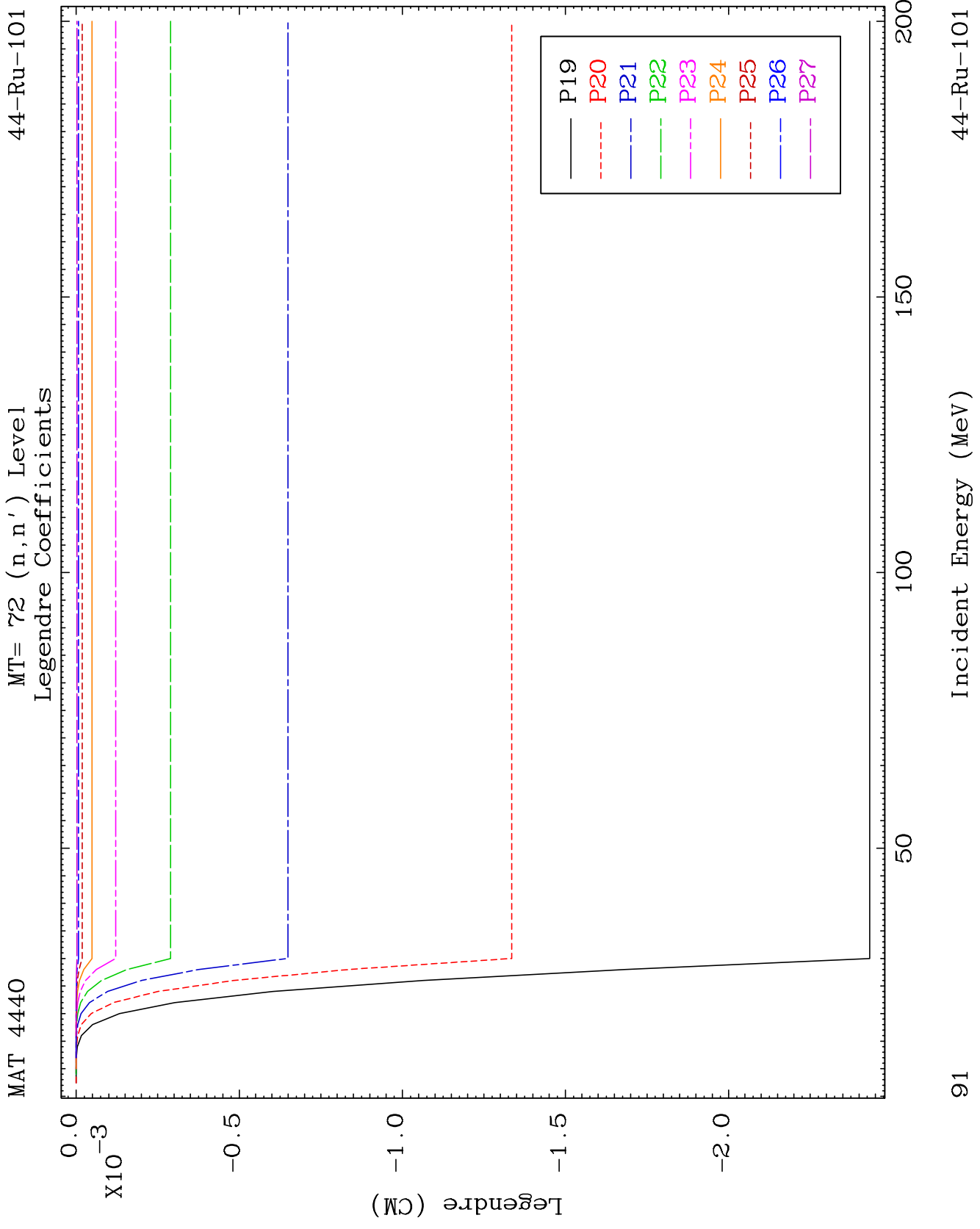
44-Ru-101



44-Ru-101

Incident Energy (MeV)

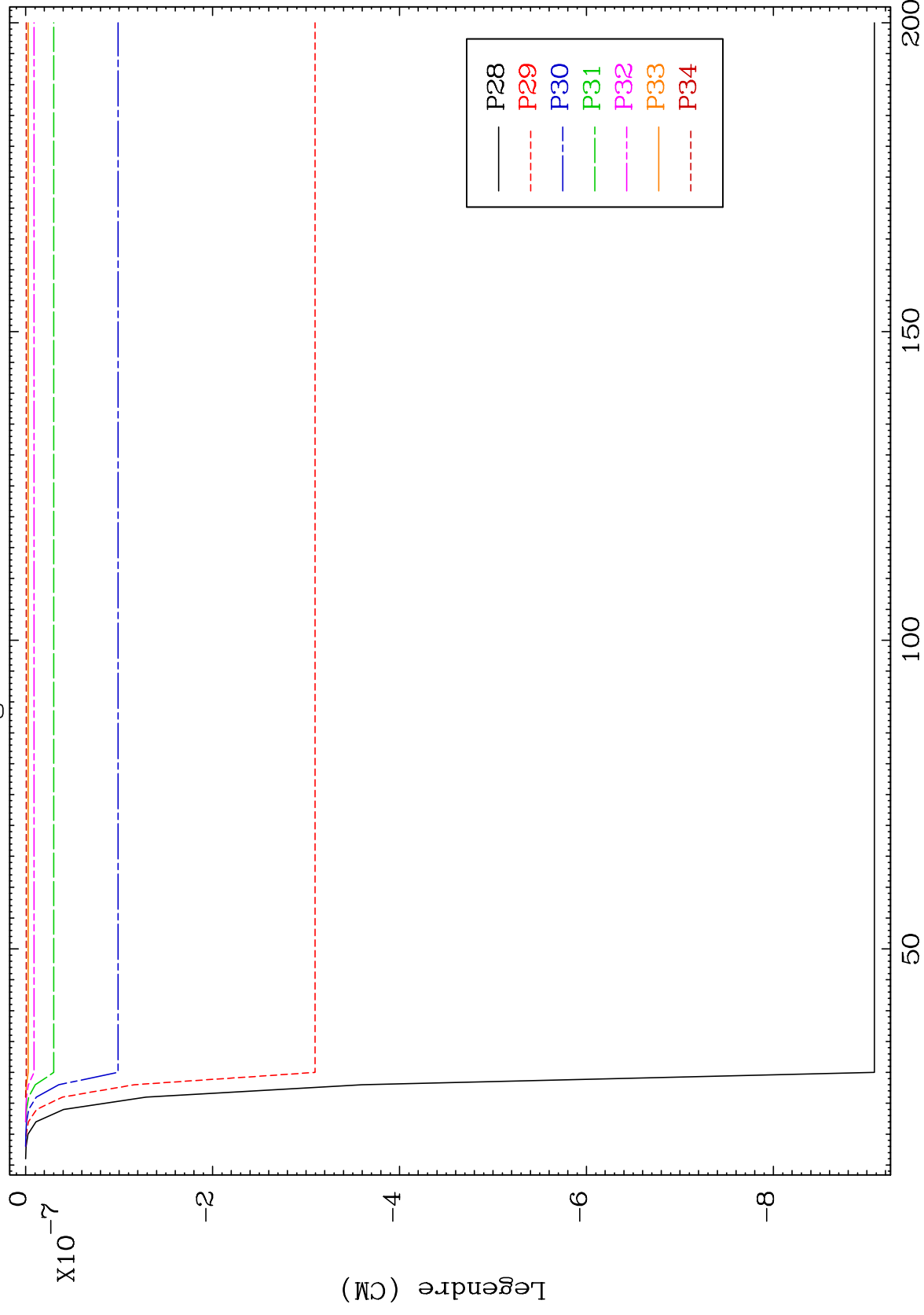
90



MAT 4440

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

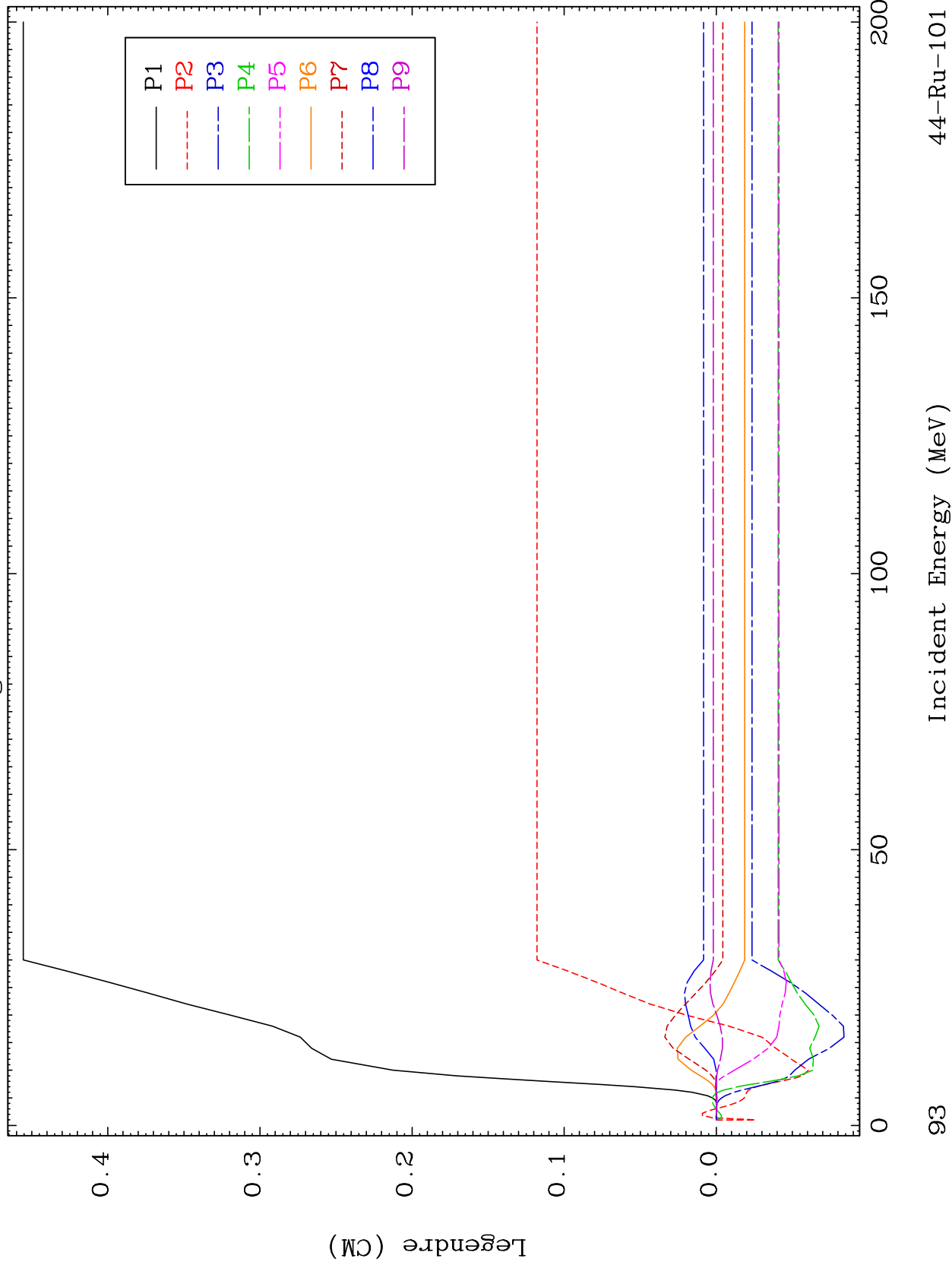
44-Ru-101



MAT 4440

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

44-Ru-101



93

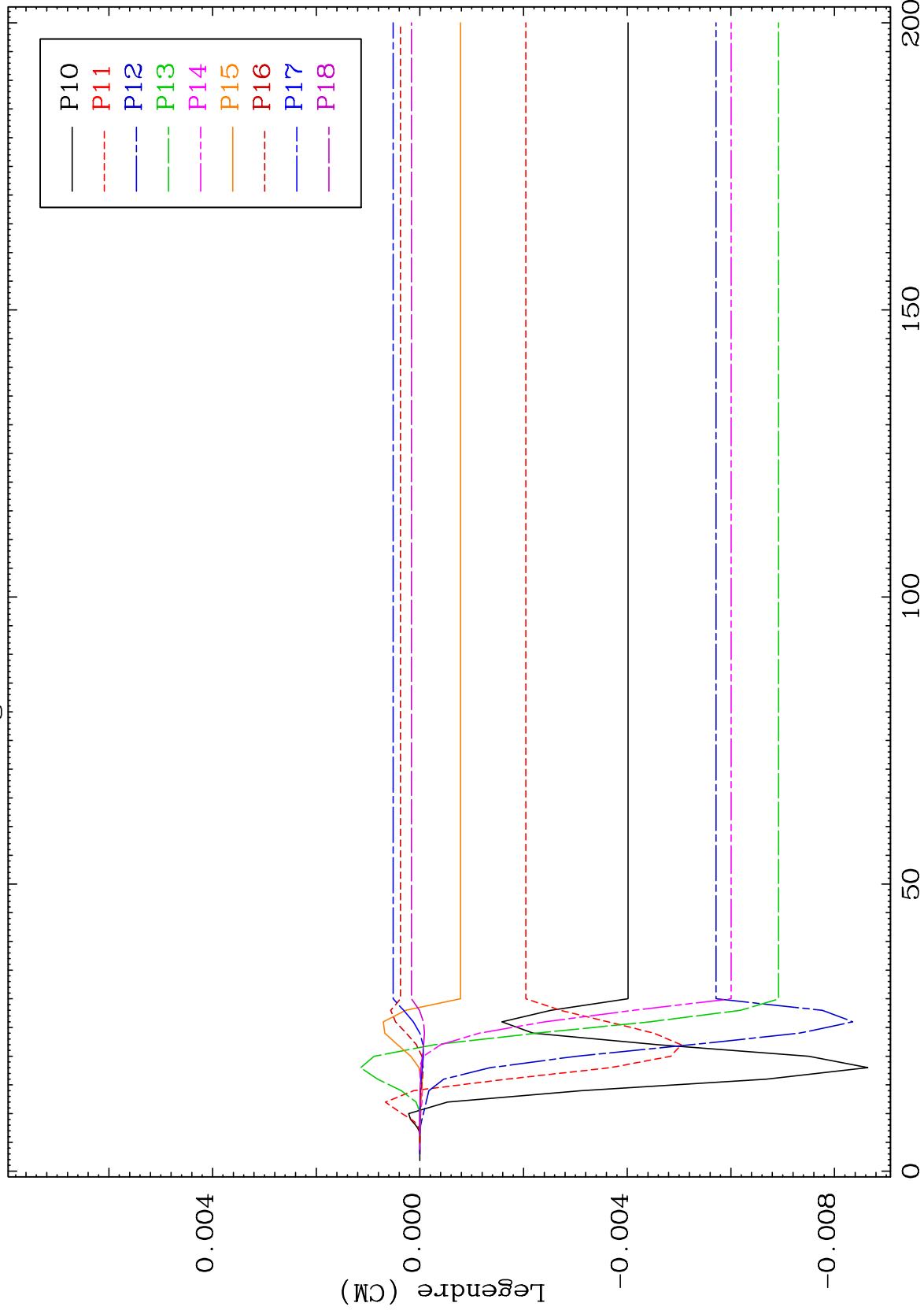
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



94

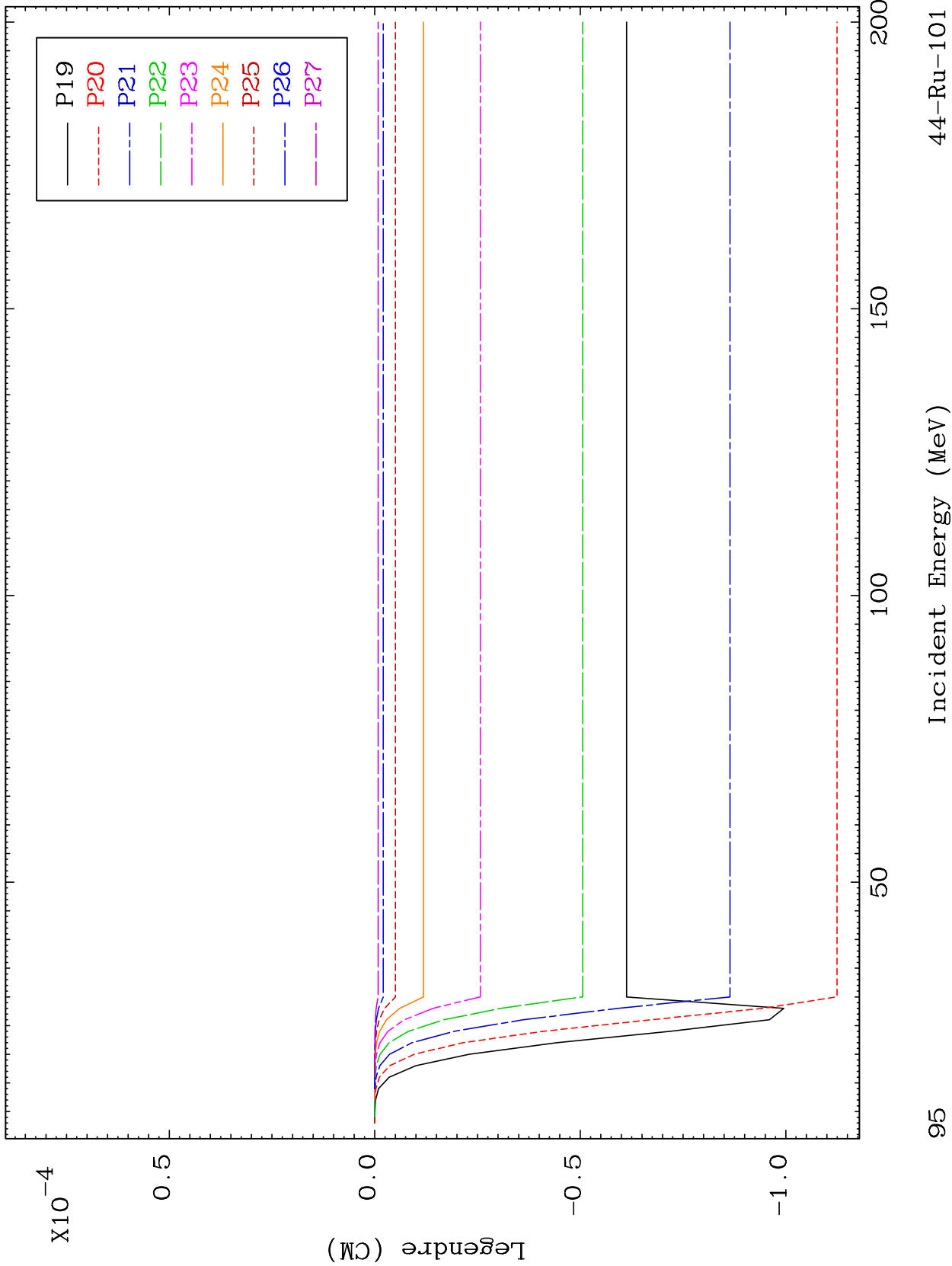
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



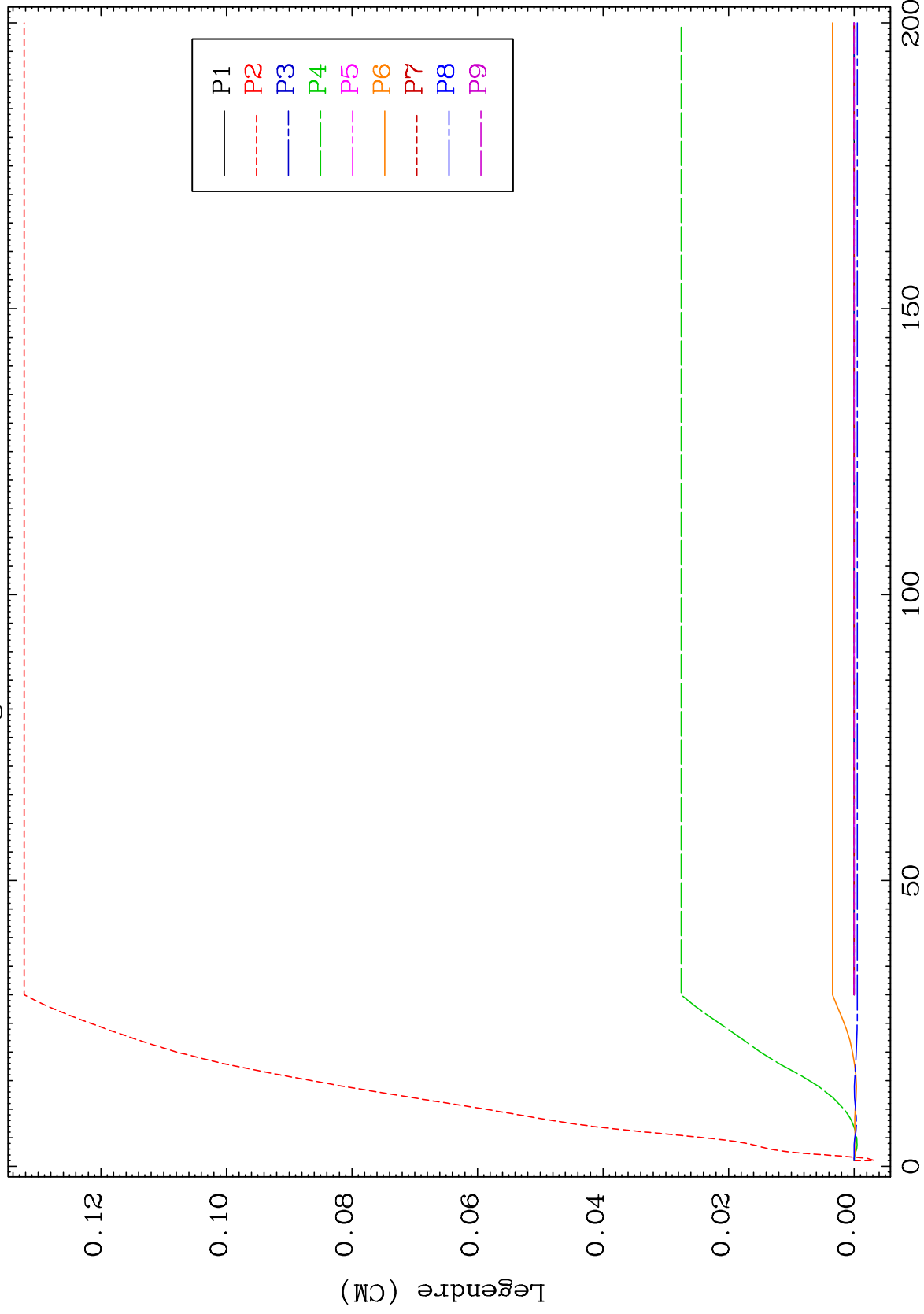




MAT 4440

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

44-Ru-101



97

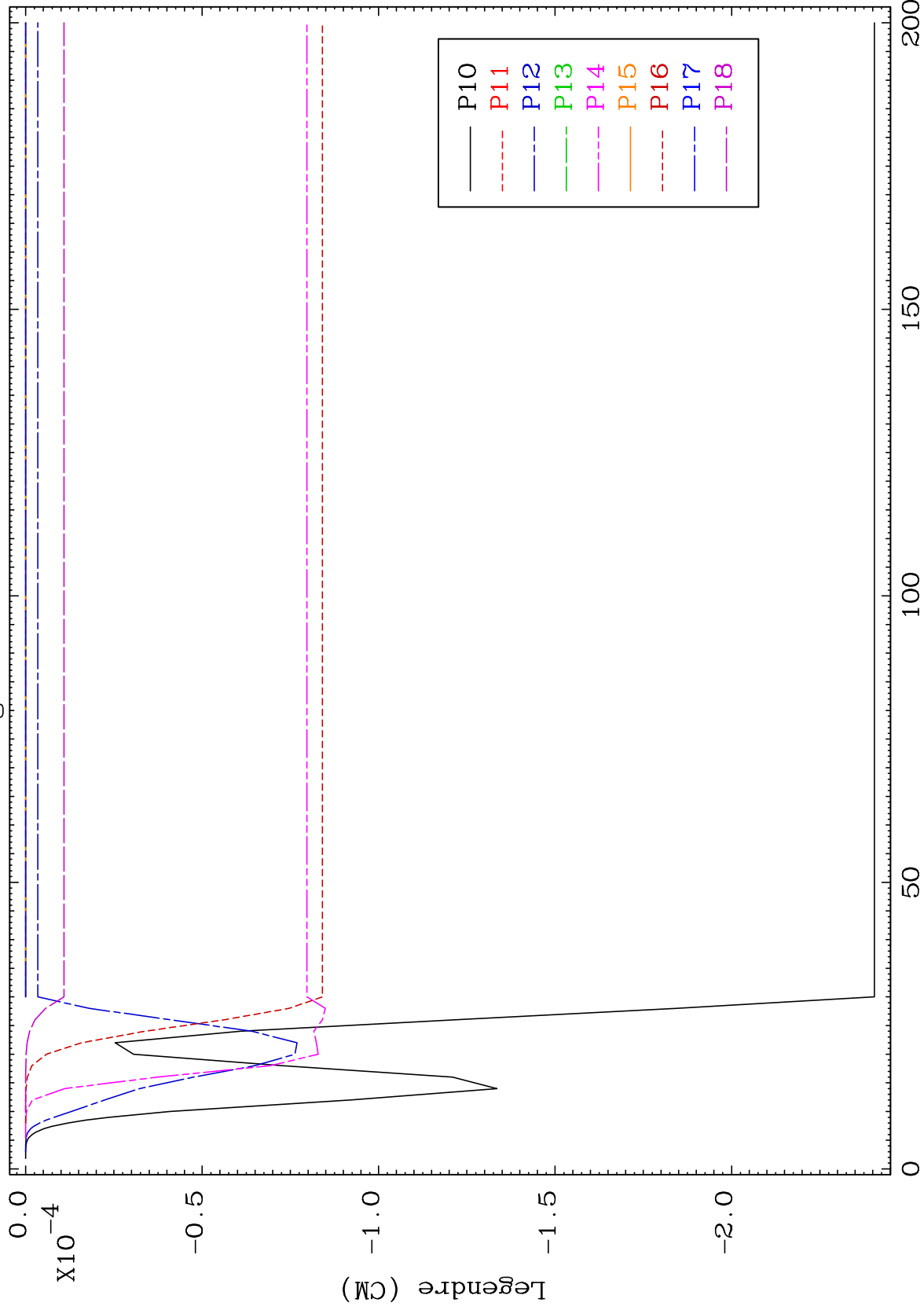
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

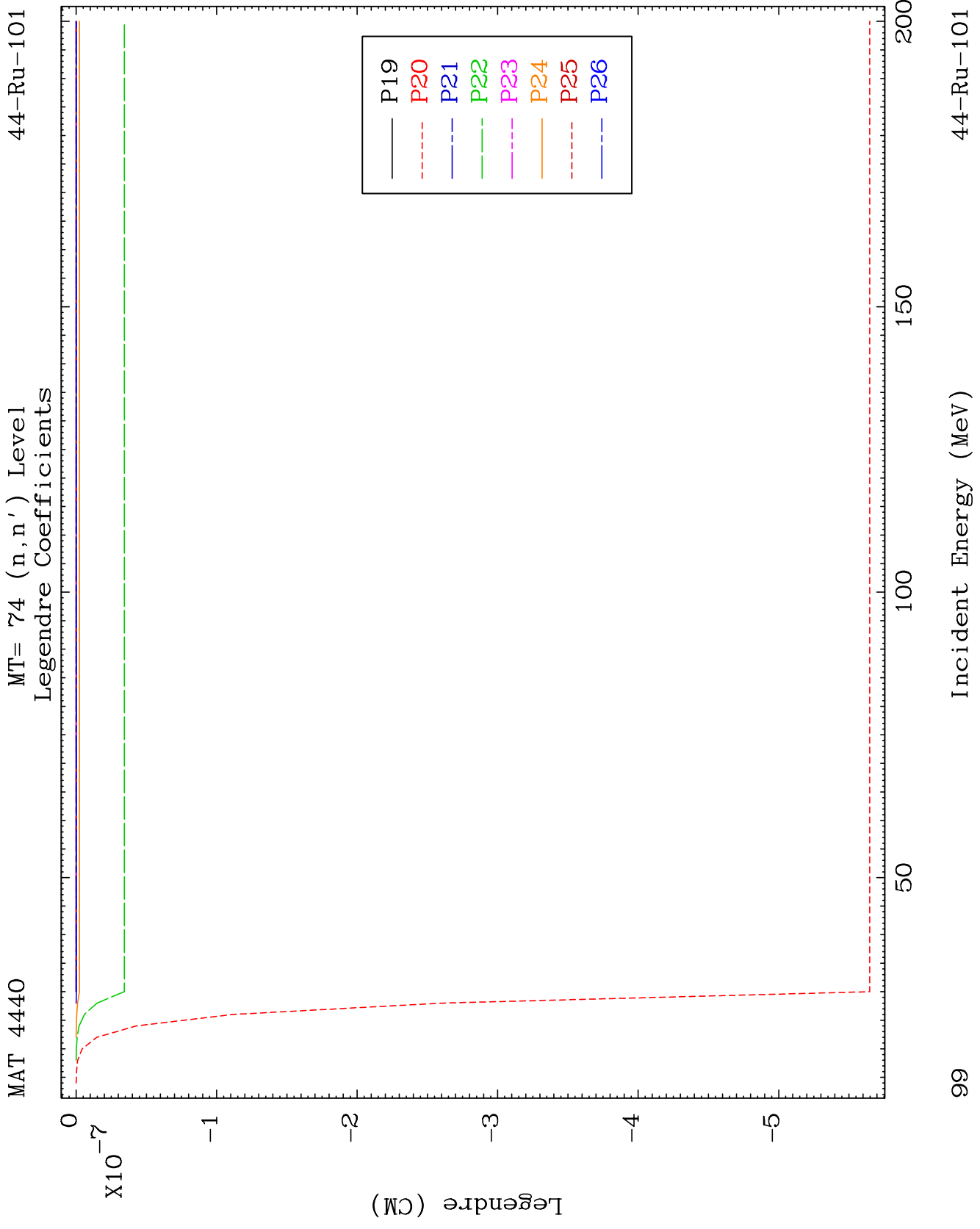
44-Ru-101



98

Incident Energy (MeV)

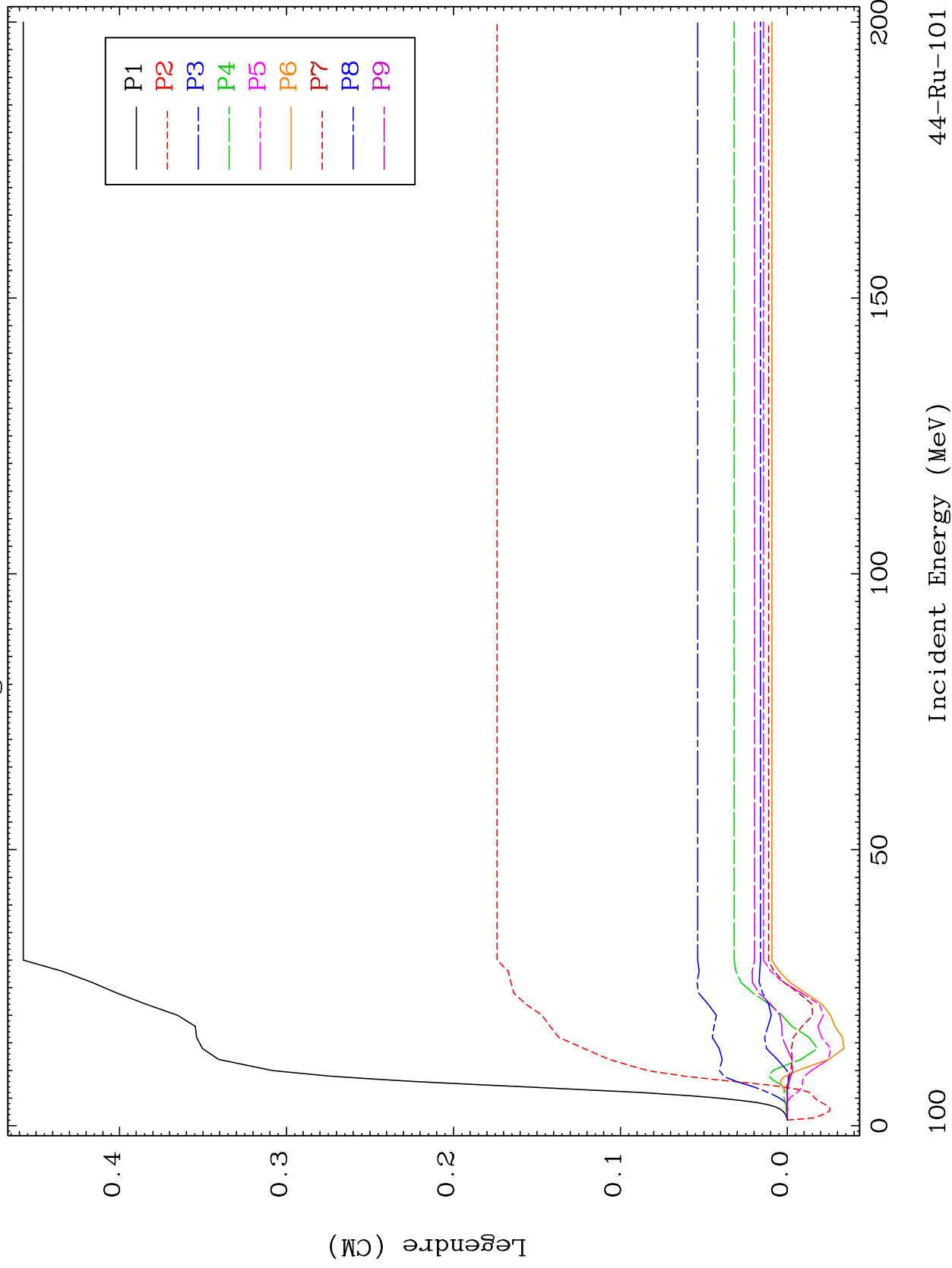
44-Ru-101



MAT 4440

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

44-Ru-101

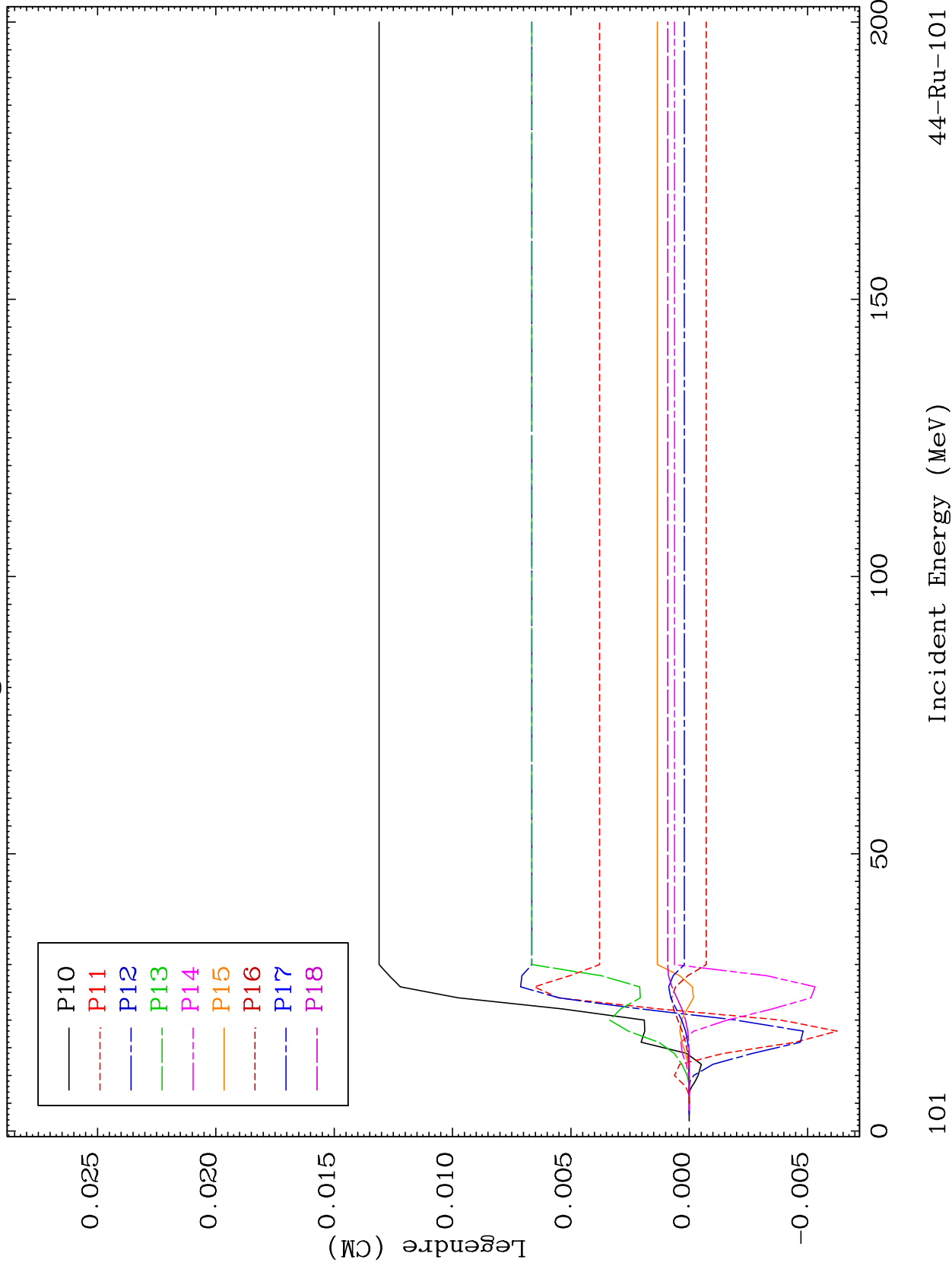


44-Ru-101

MAT 4440

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

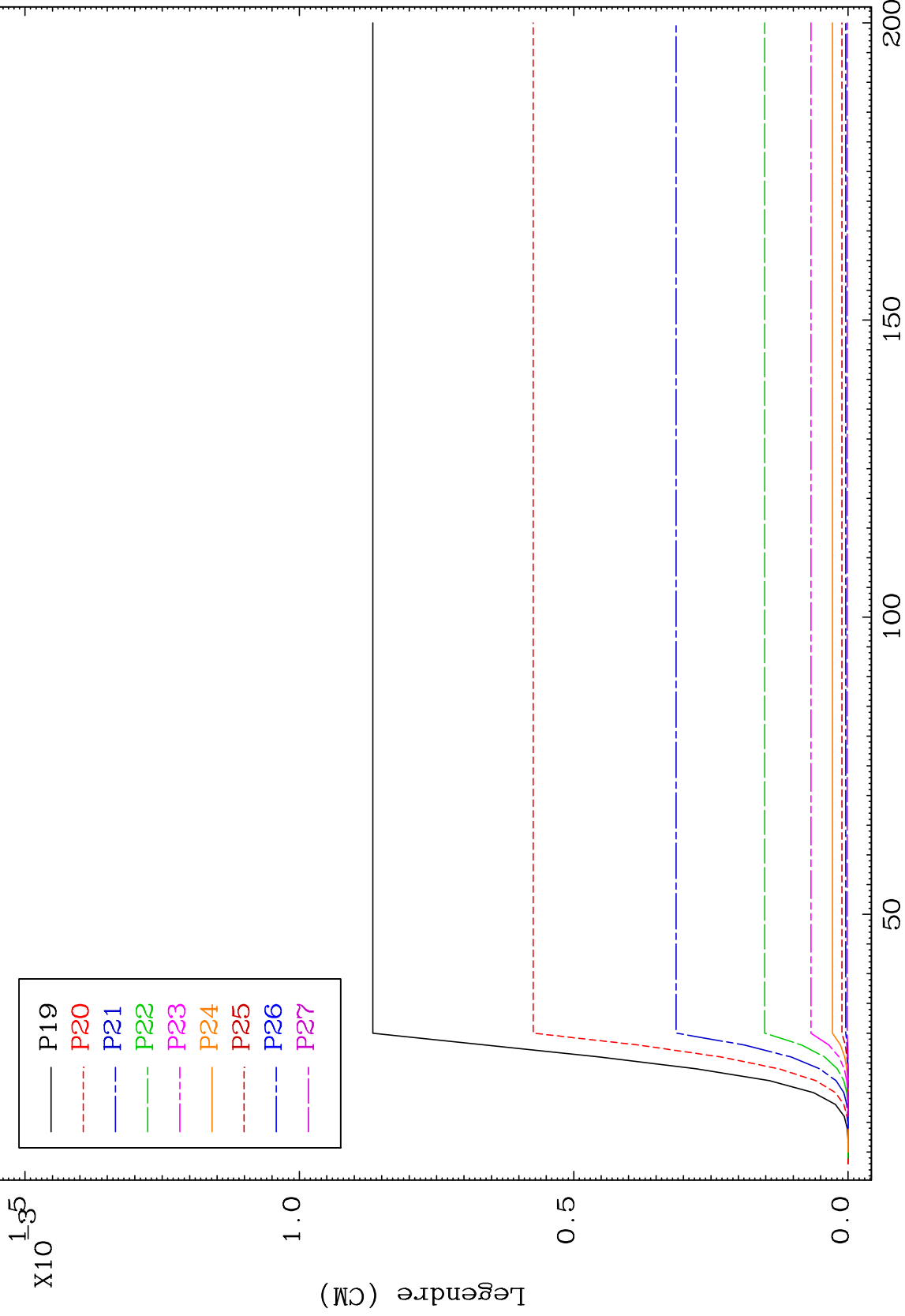
44-Ru-101



44-Ru-101

Incident Energy (MeV)

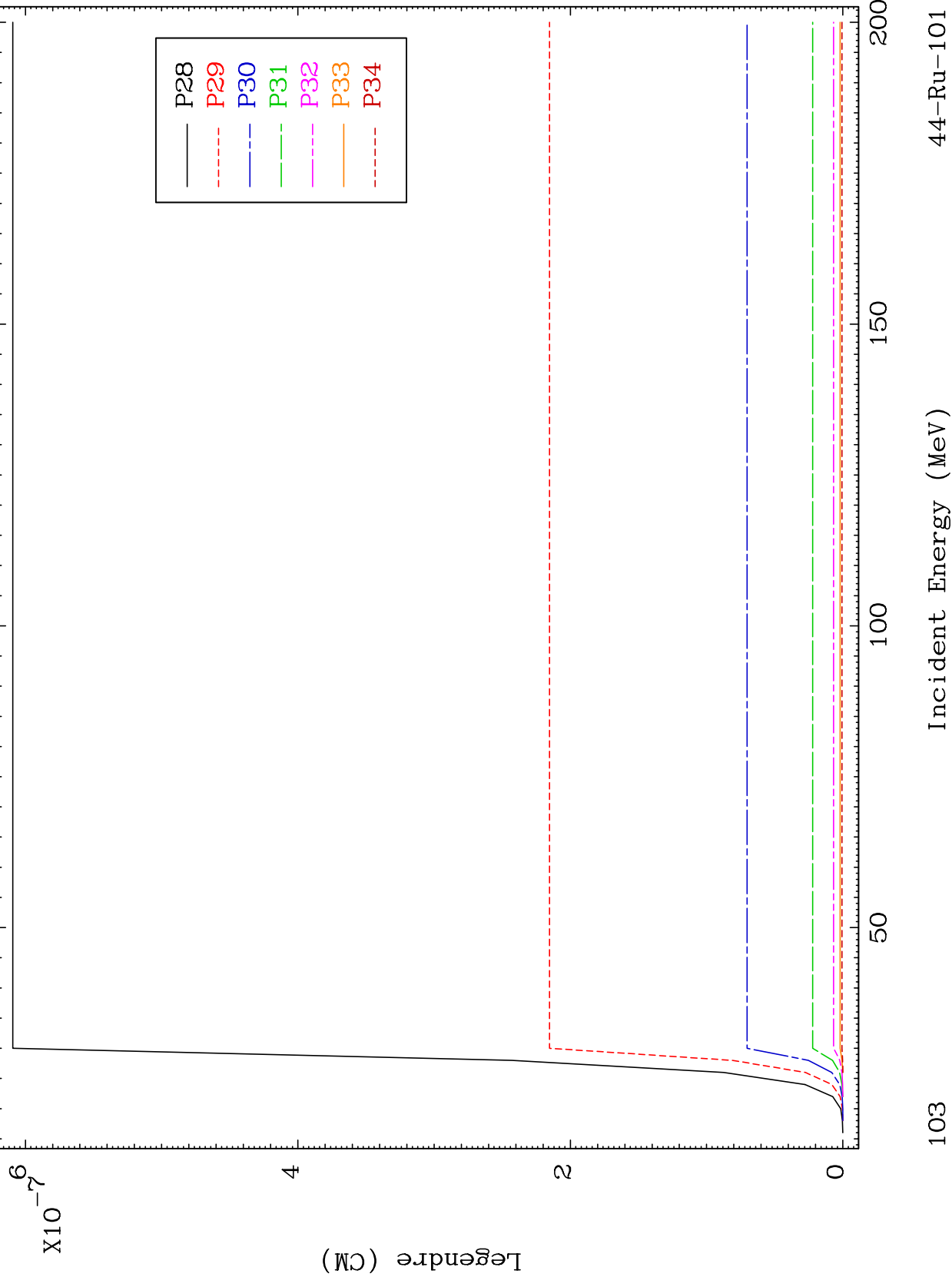
101



MAT 4440

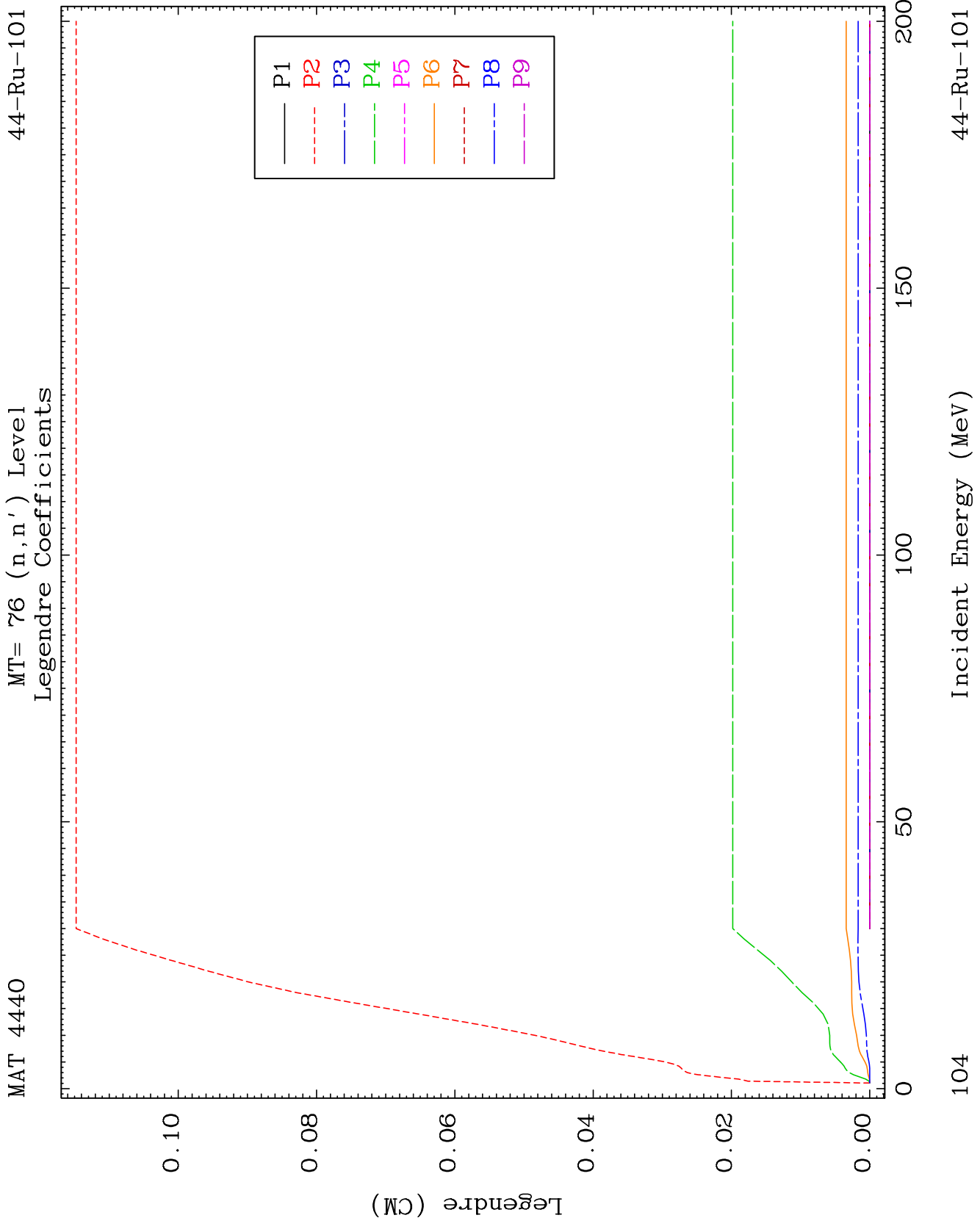
MT= 75 (n,n') Level  
Legendre Coefficients

44-Ru-101



103

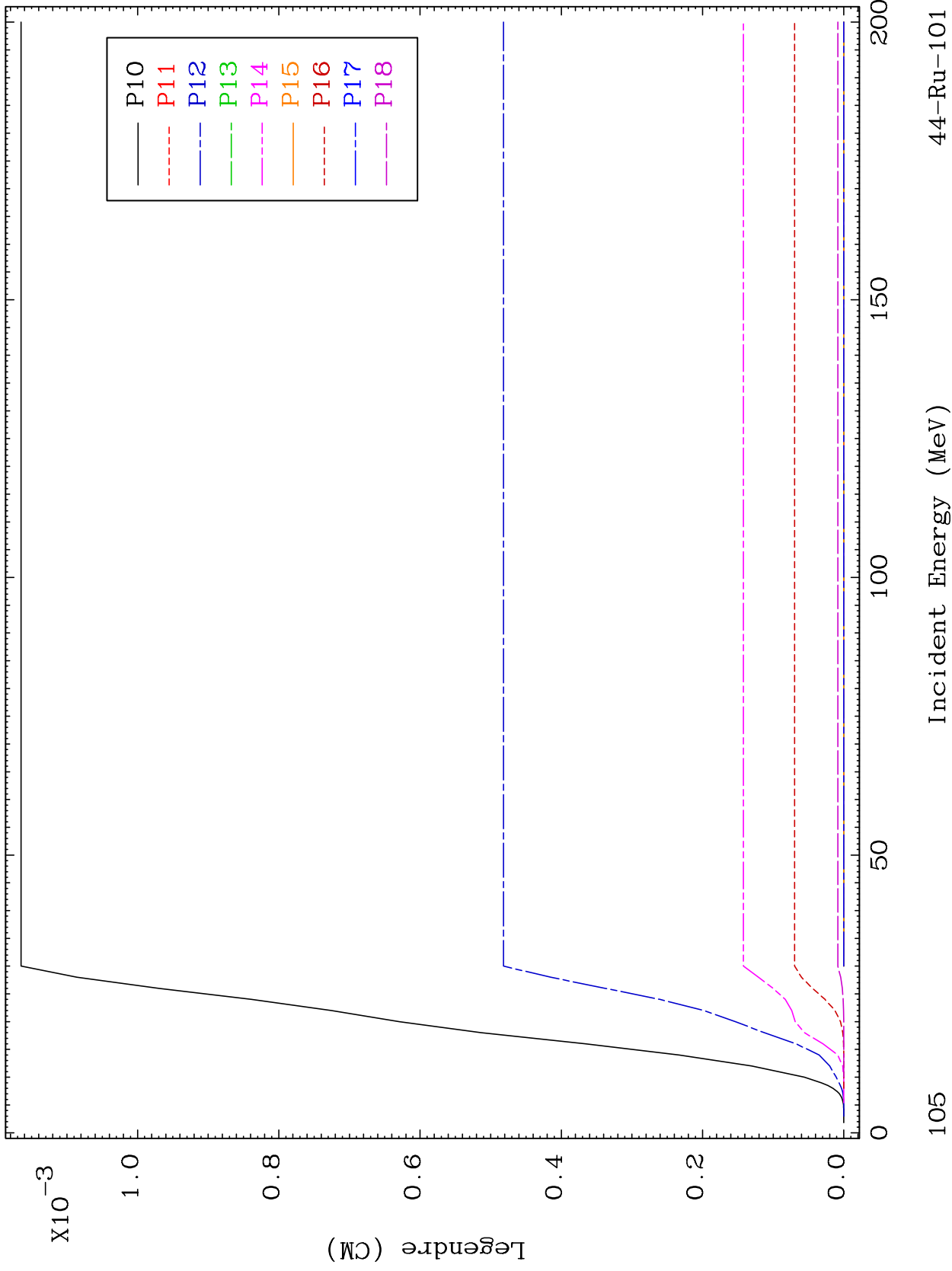




MAT 4440

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

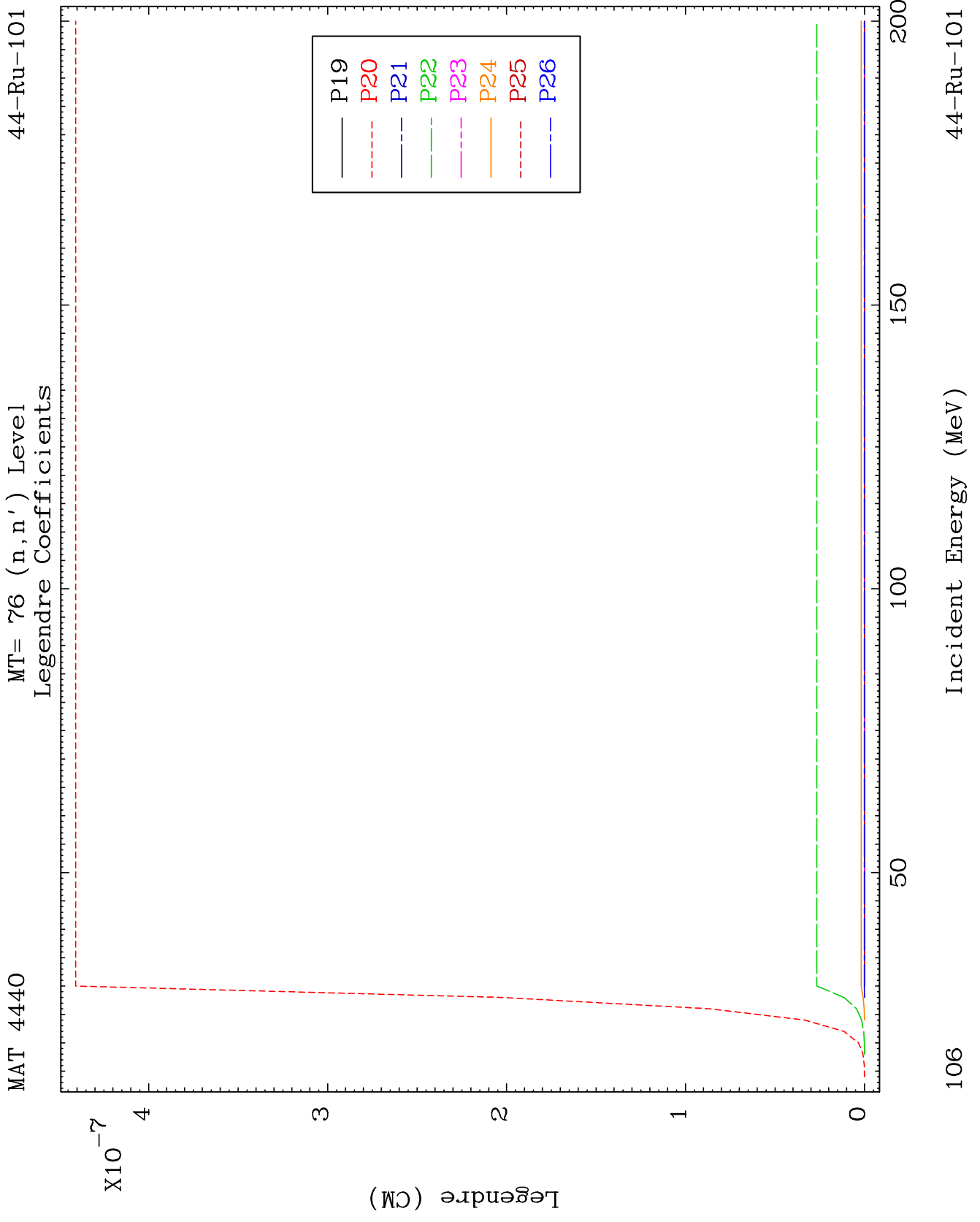
44-Ru-101



105

Incident Energy (MeV)

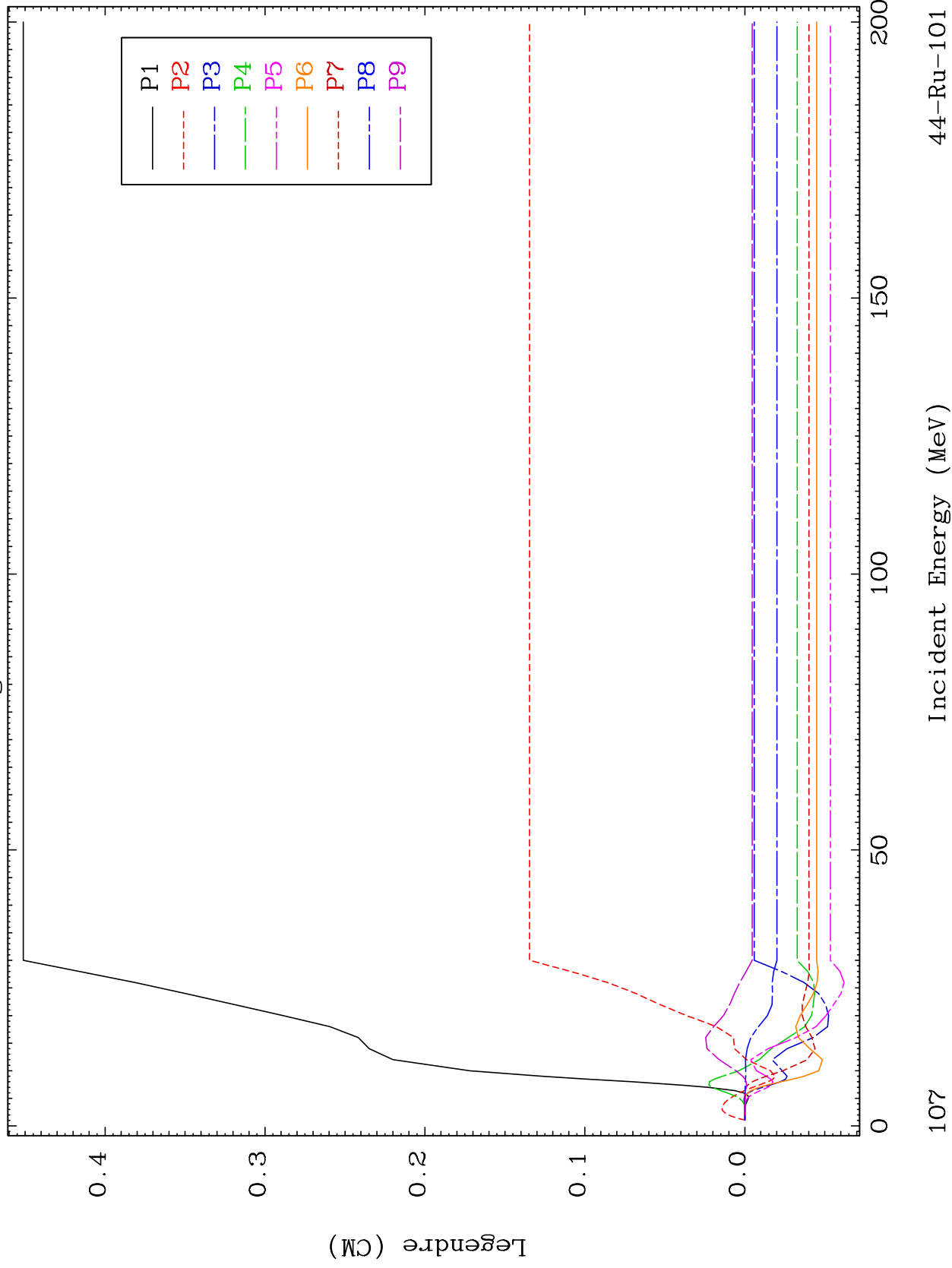
44-Ru-101



MAT 4440

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

44-Ru-101



107

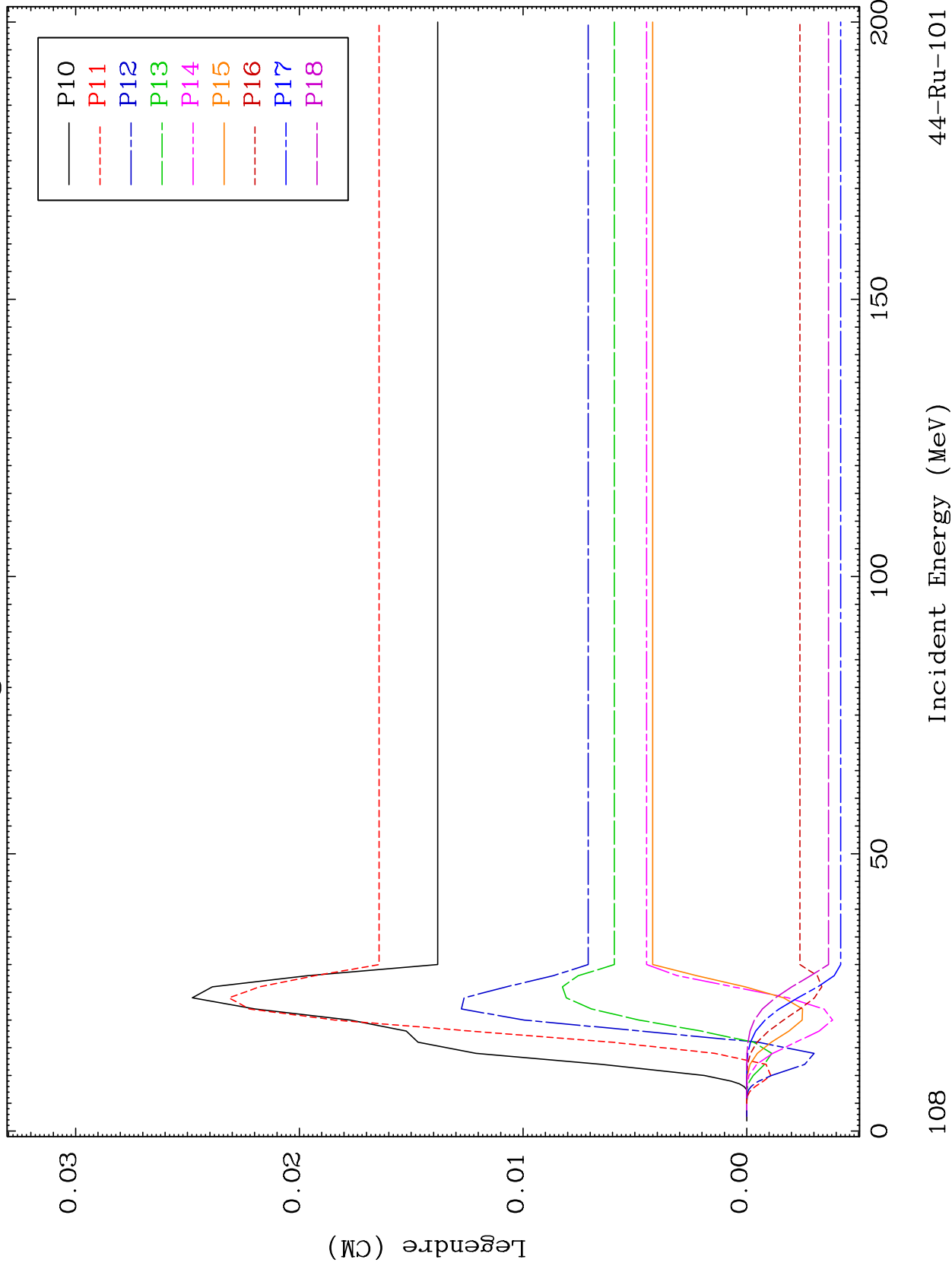
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

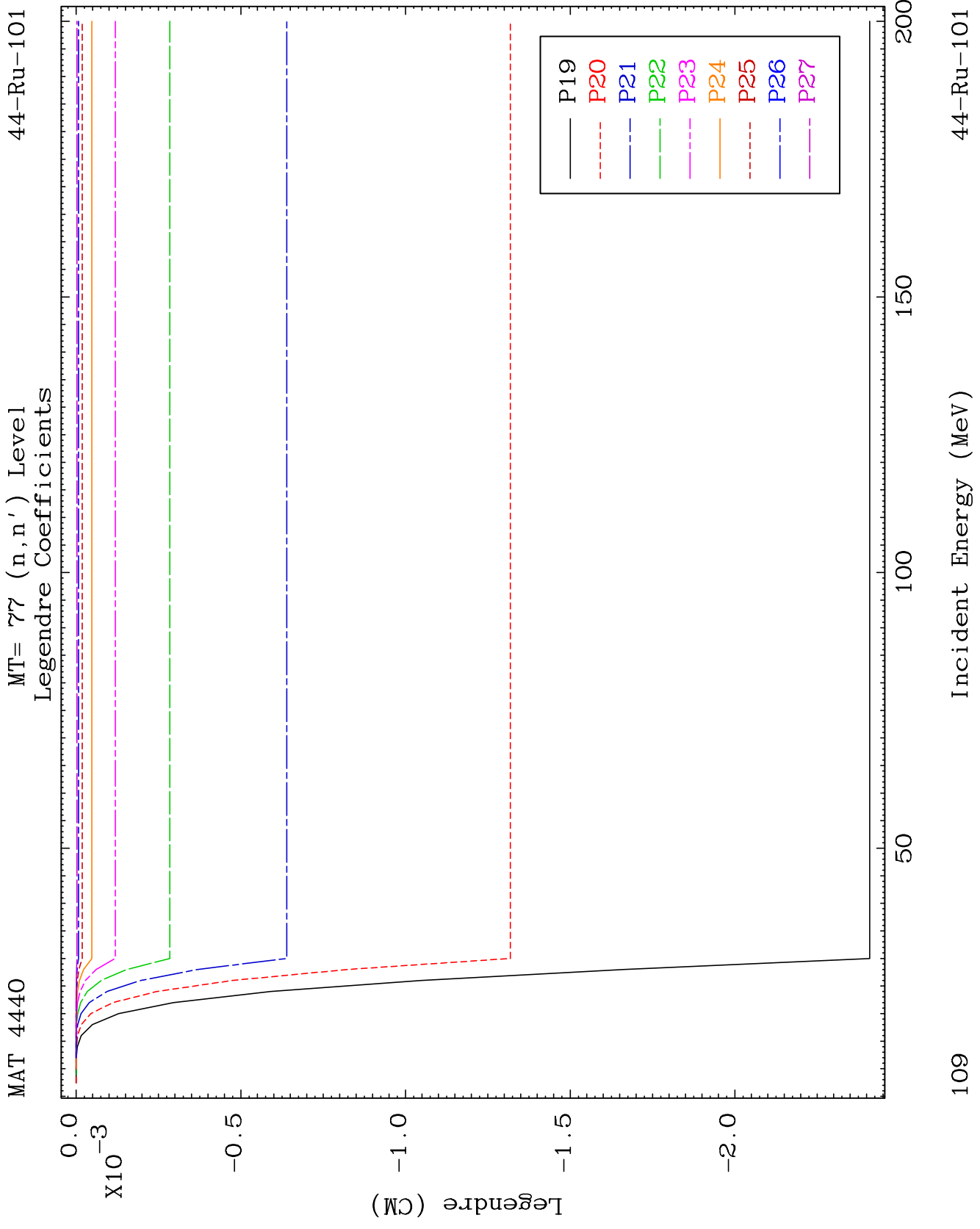
44-Ru-101

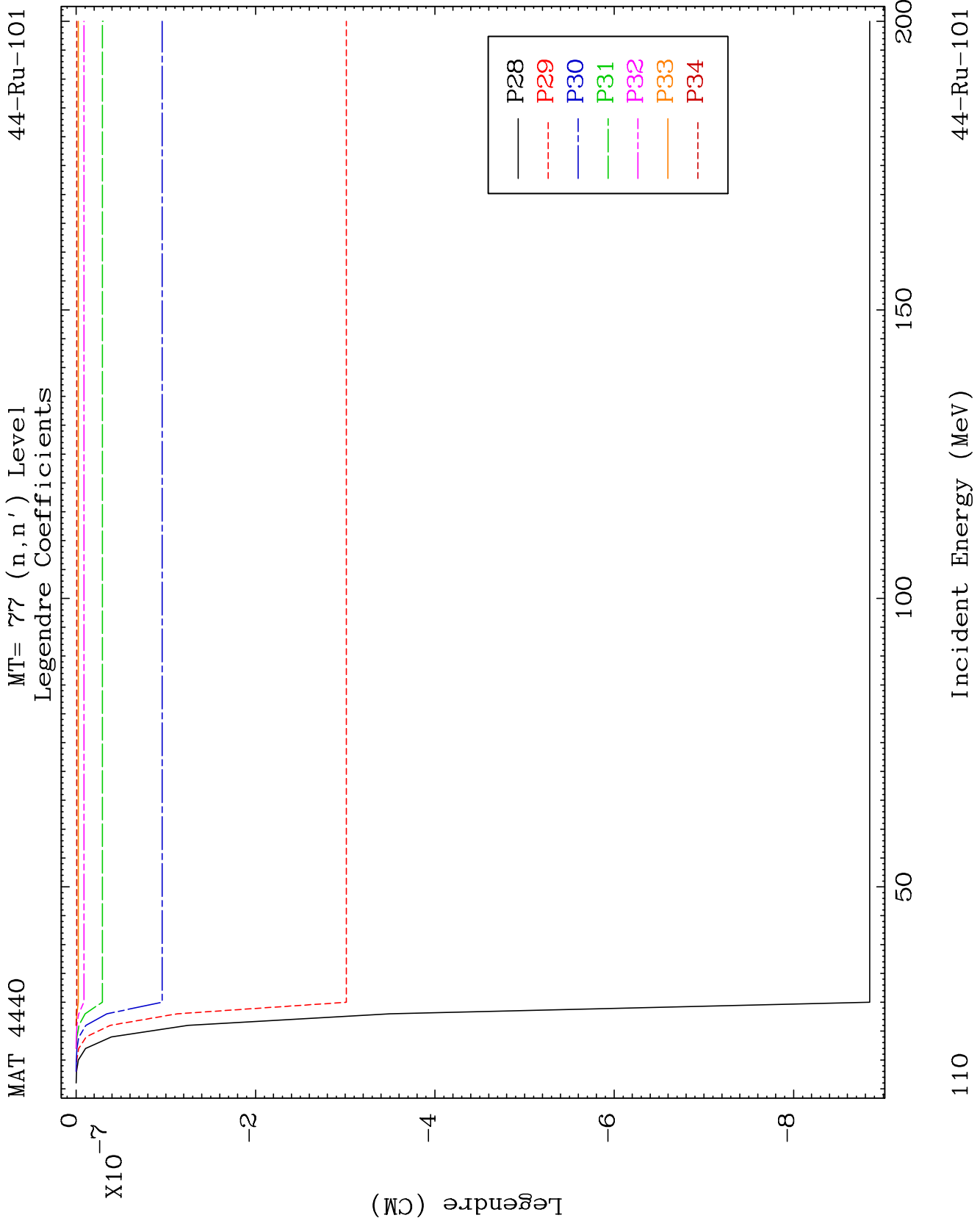


44-Ru-101

Incident Energy (MeV)

108

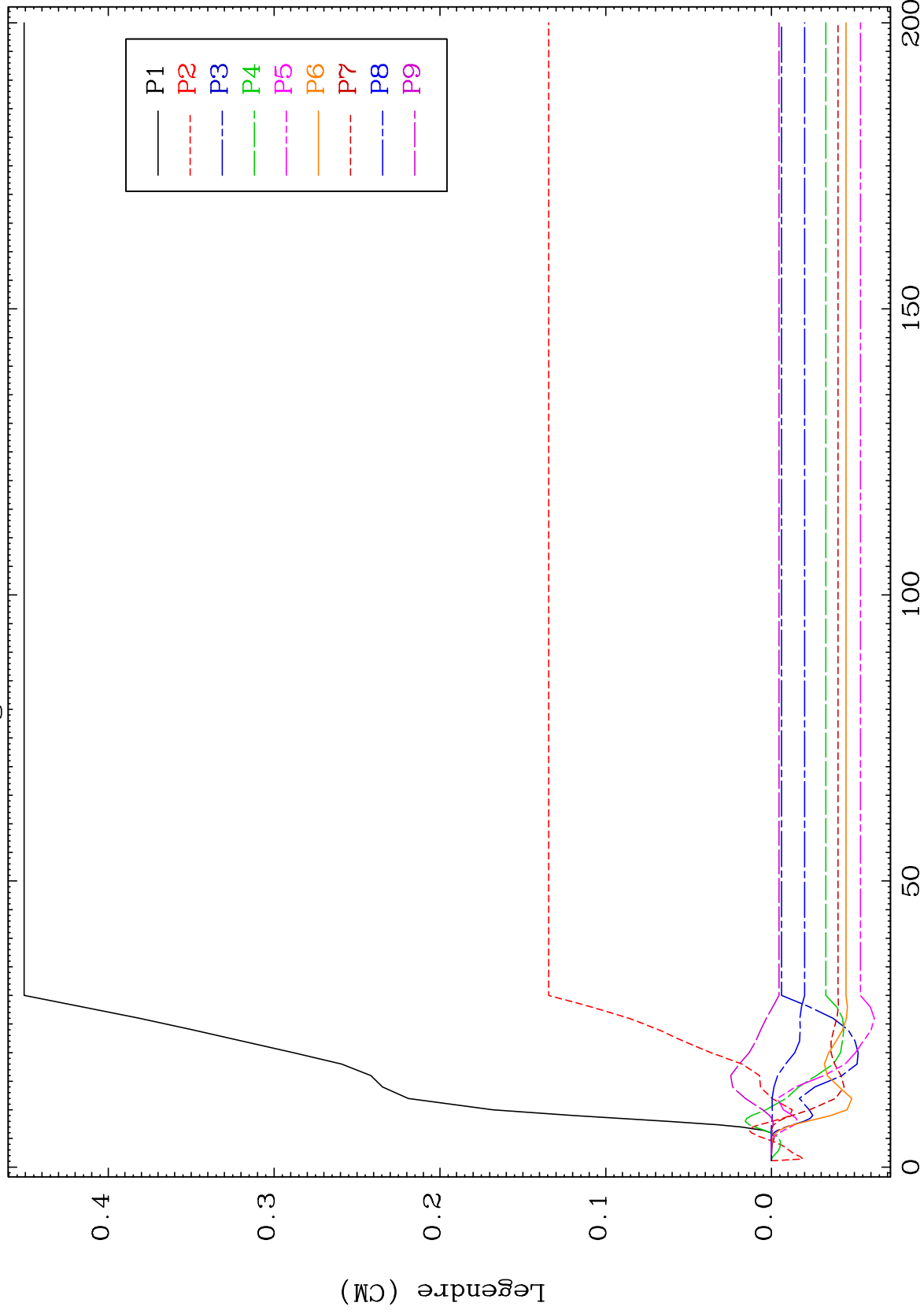




MAT 4440

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

44-Ru-101

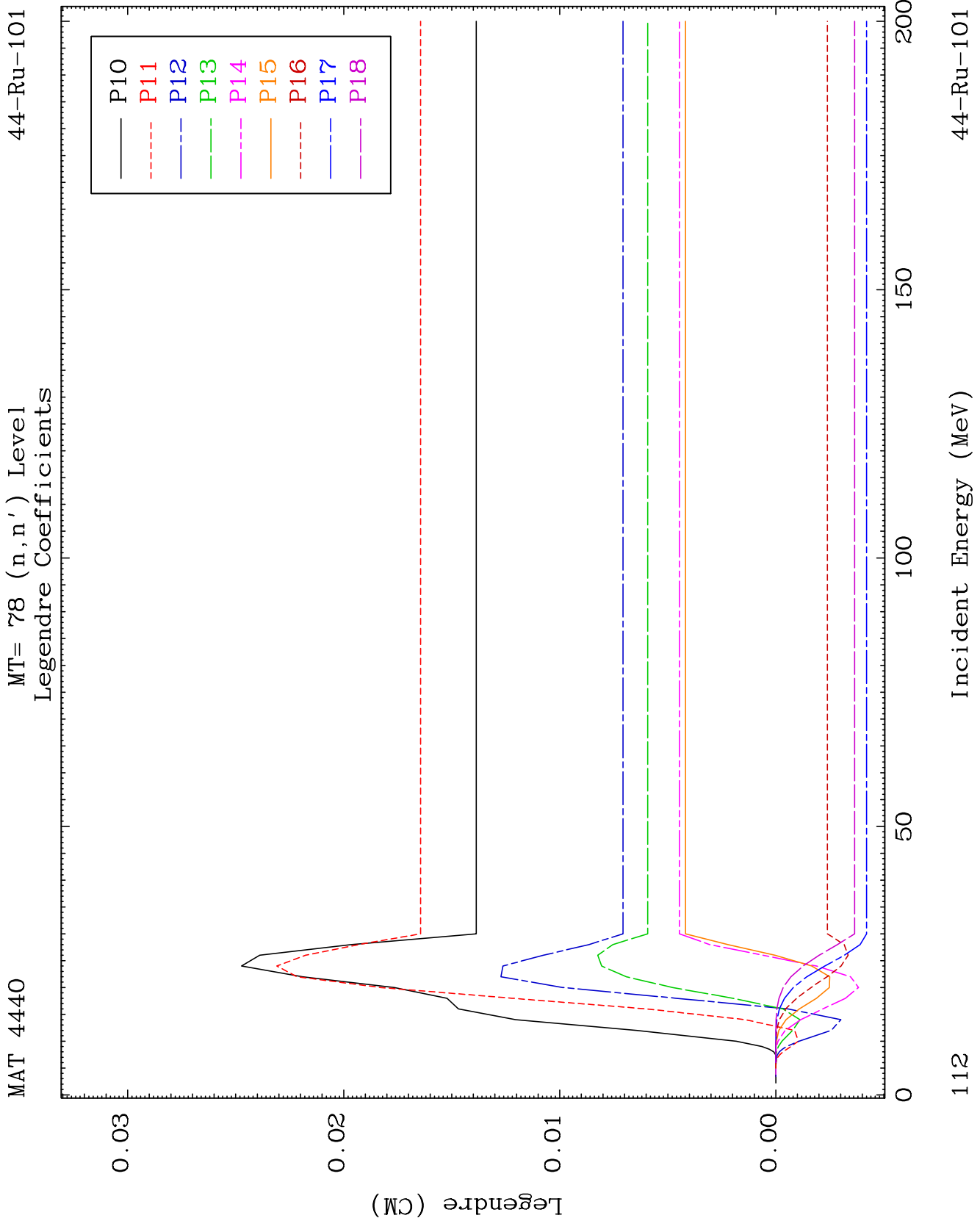


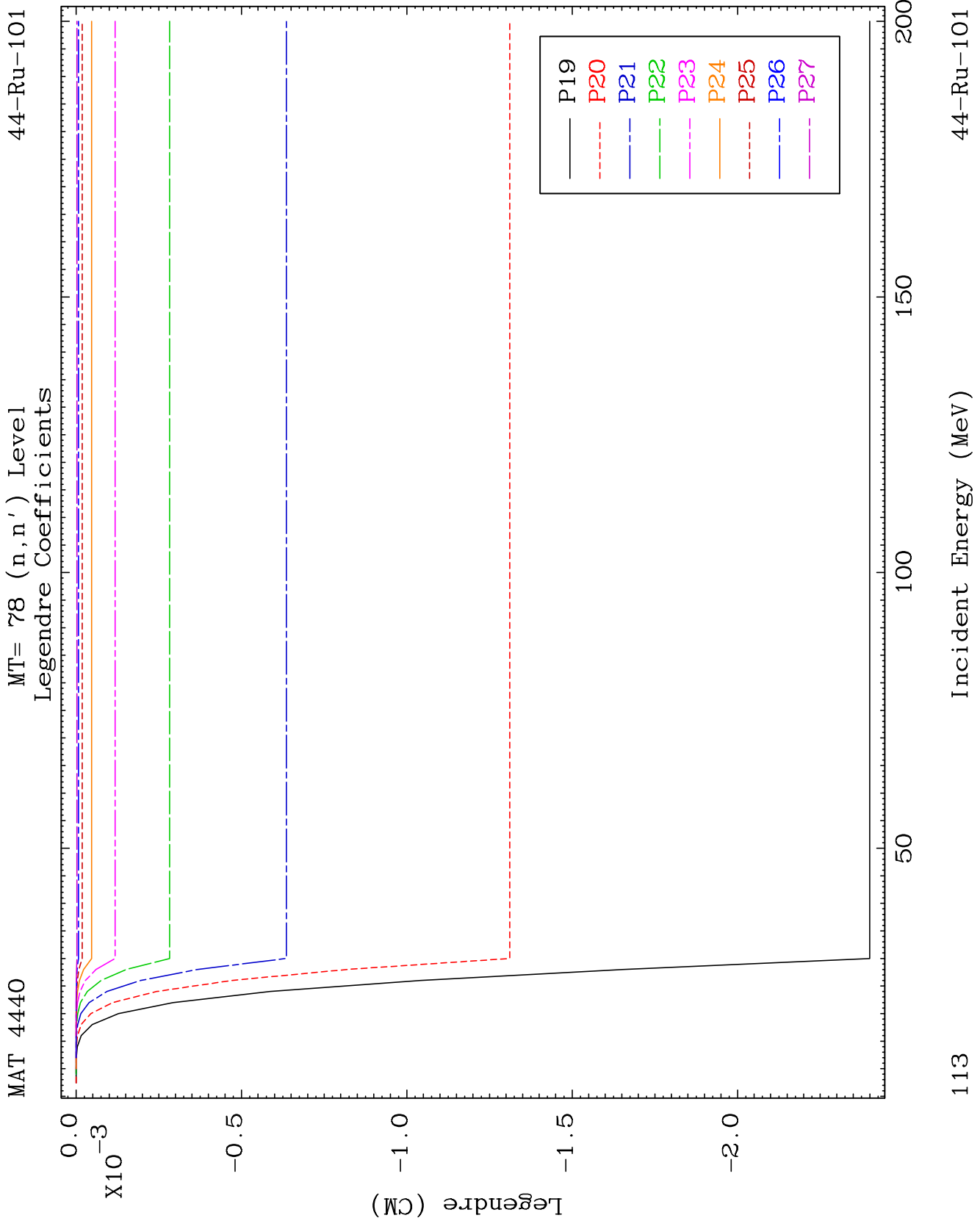
111

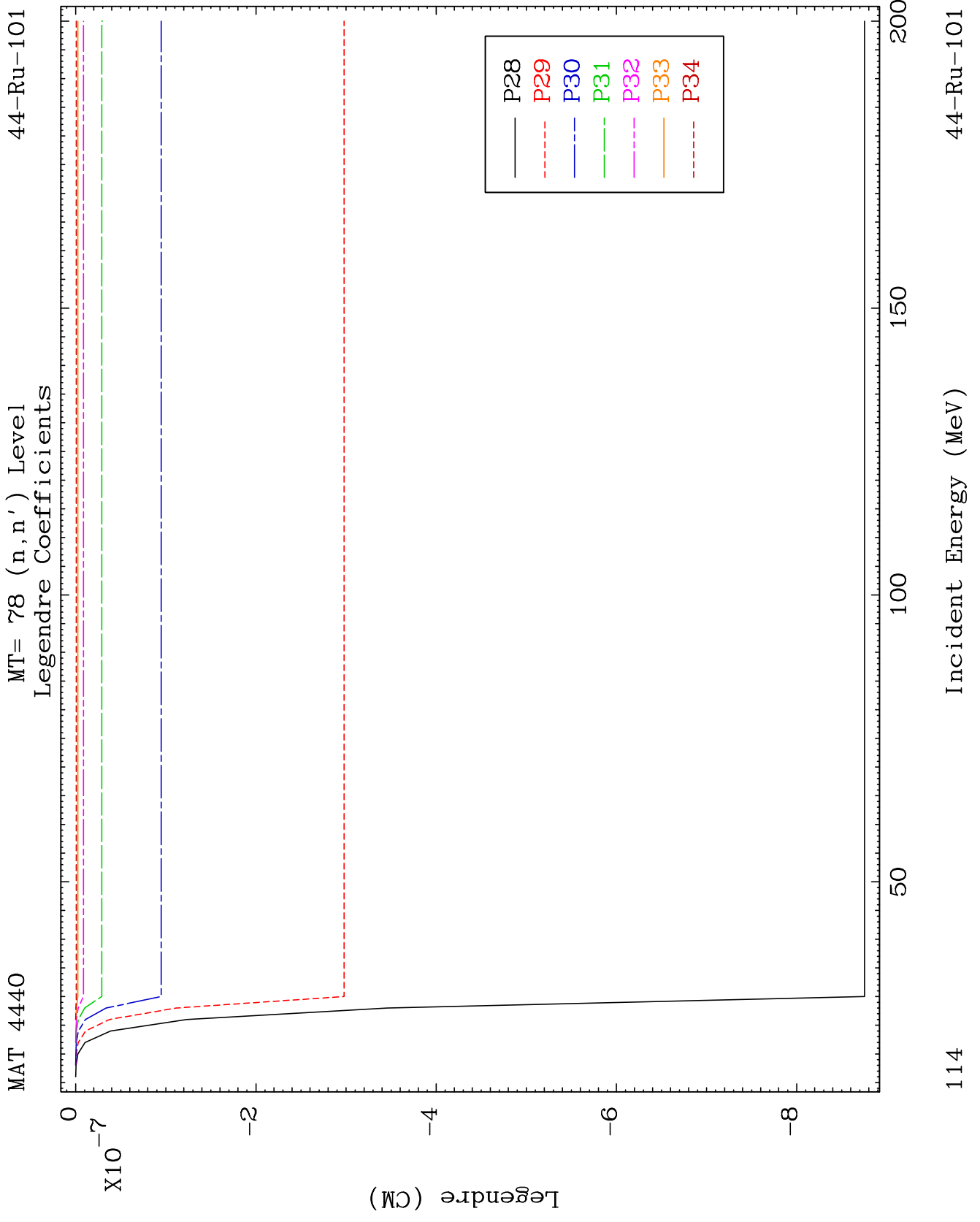
Incident Energy (MeV)

44-Ru-101







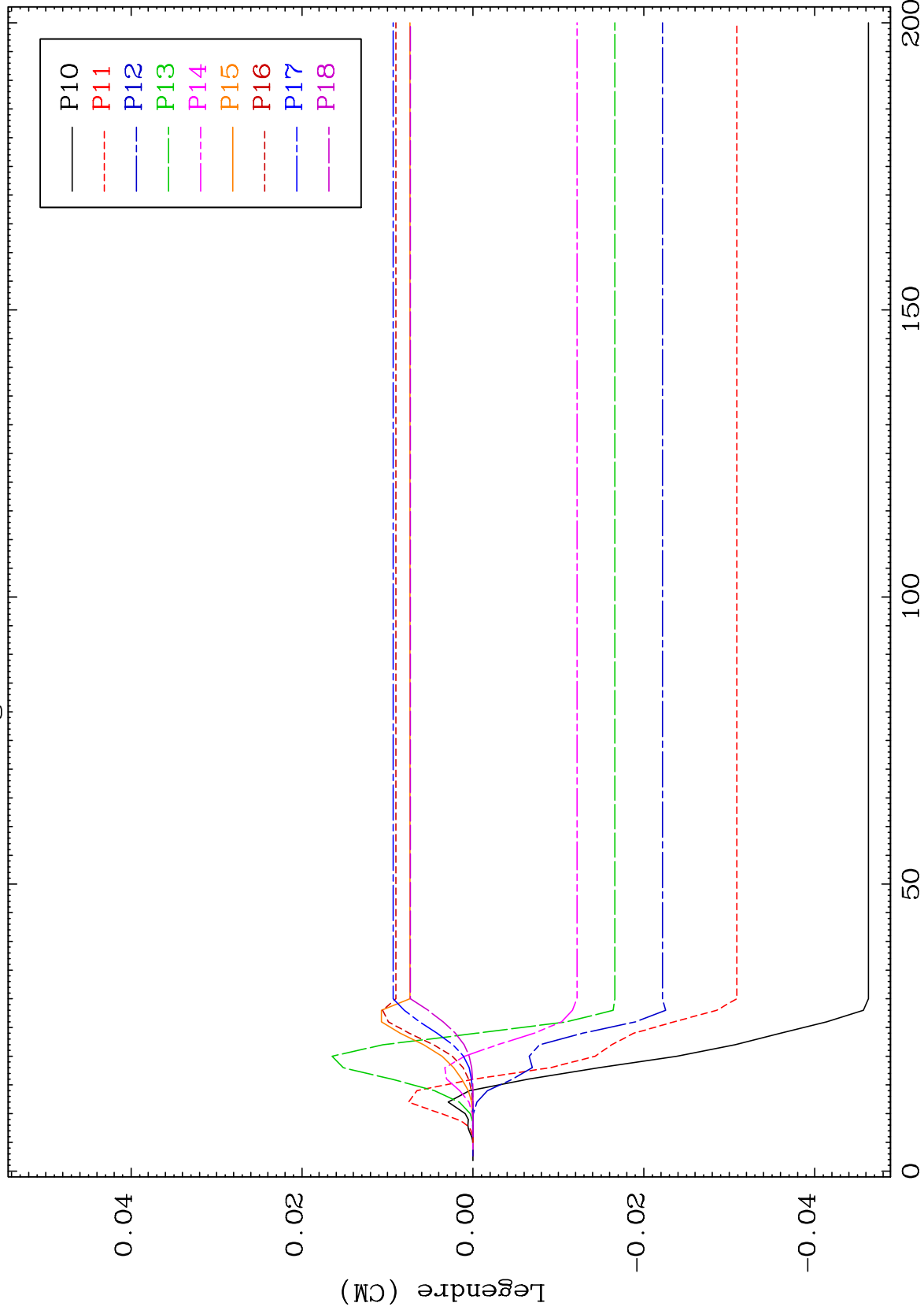




MAT 4440

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

44-Ru-101



116

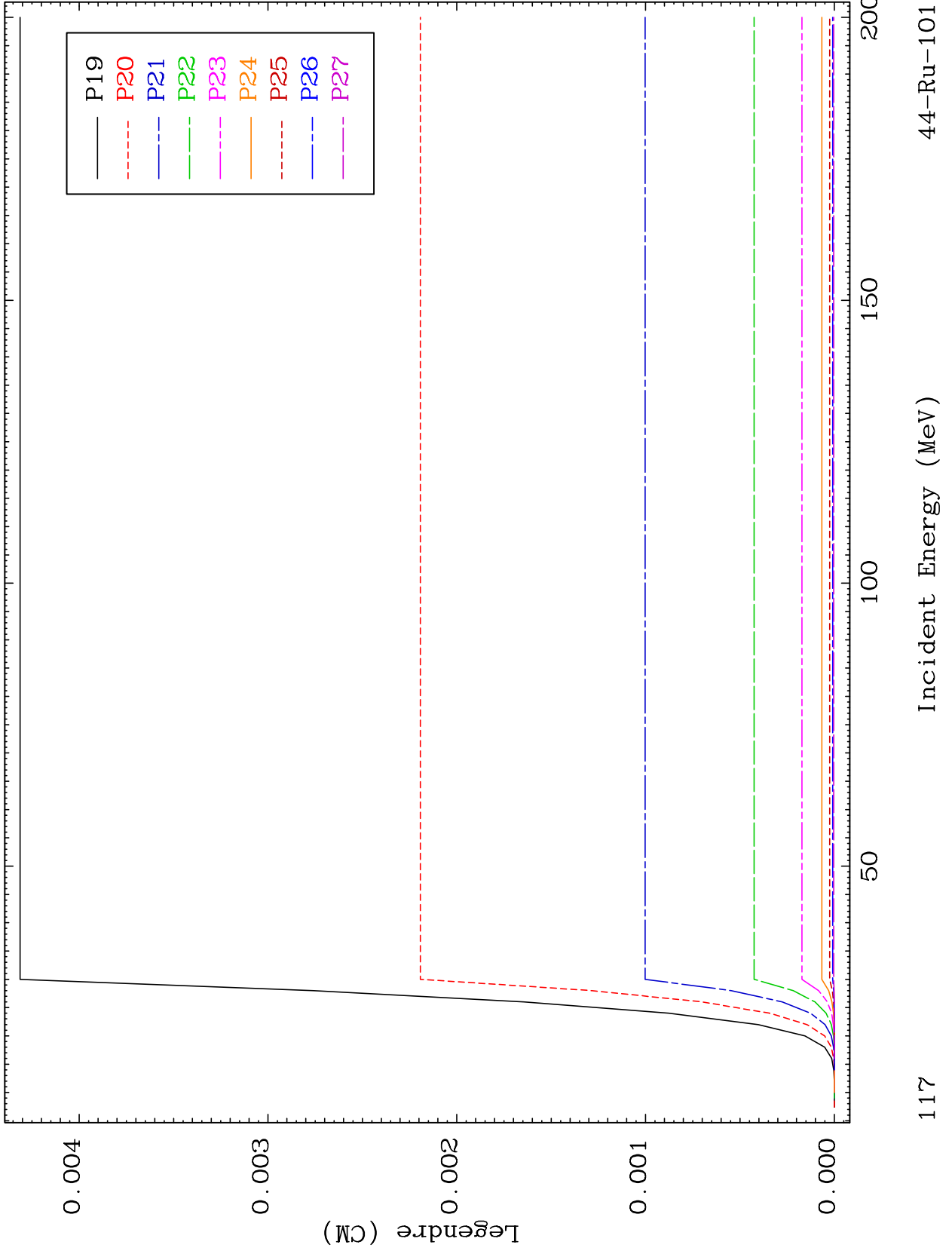
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



117

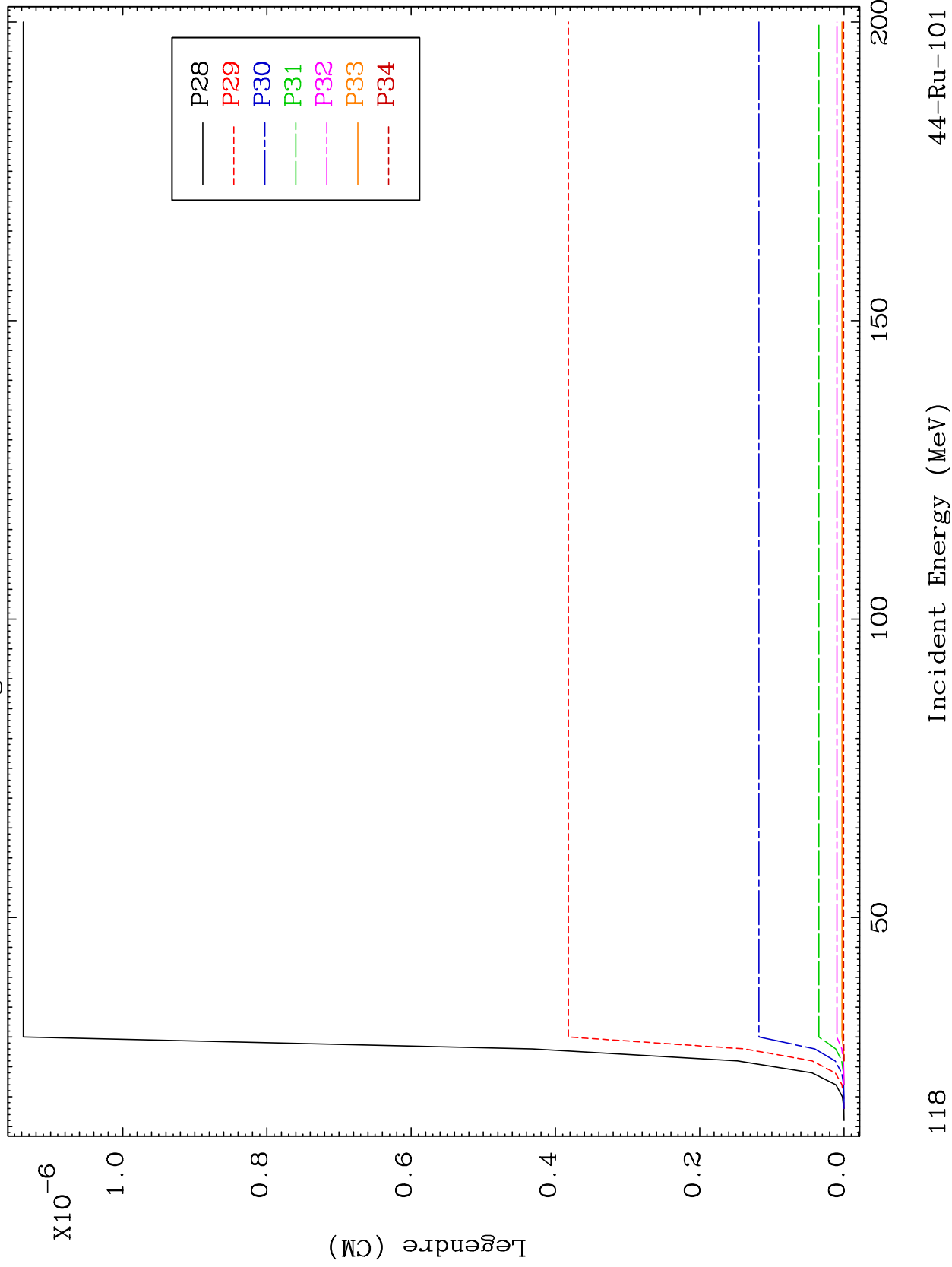
Incident Energy (MeV)

44-Ru-101

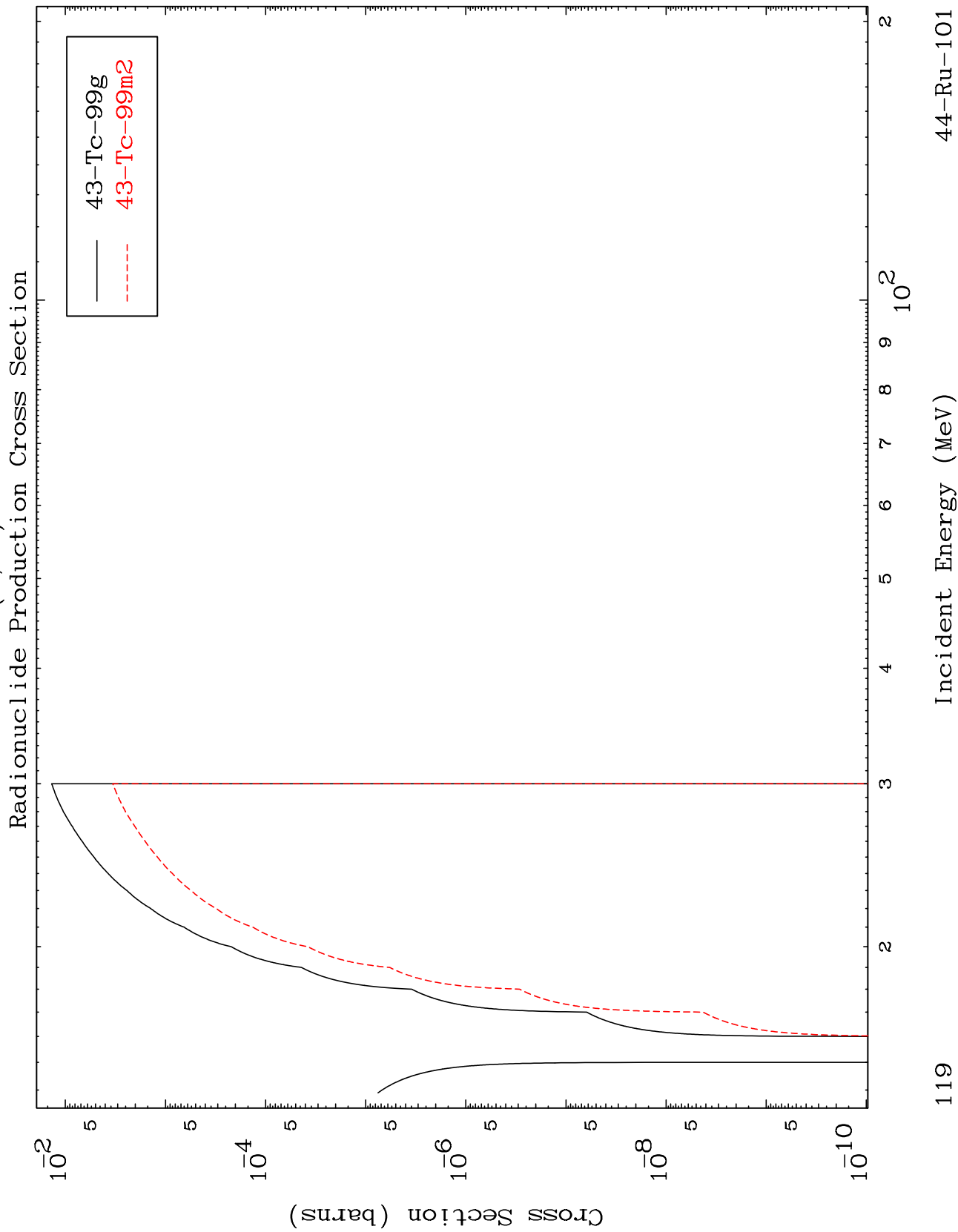
MAT 4440

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

44-Ru-101



118



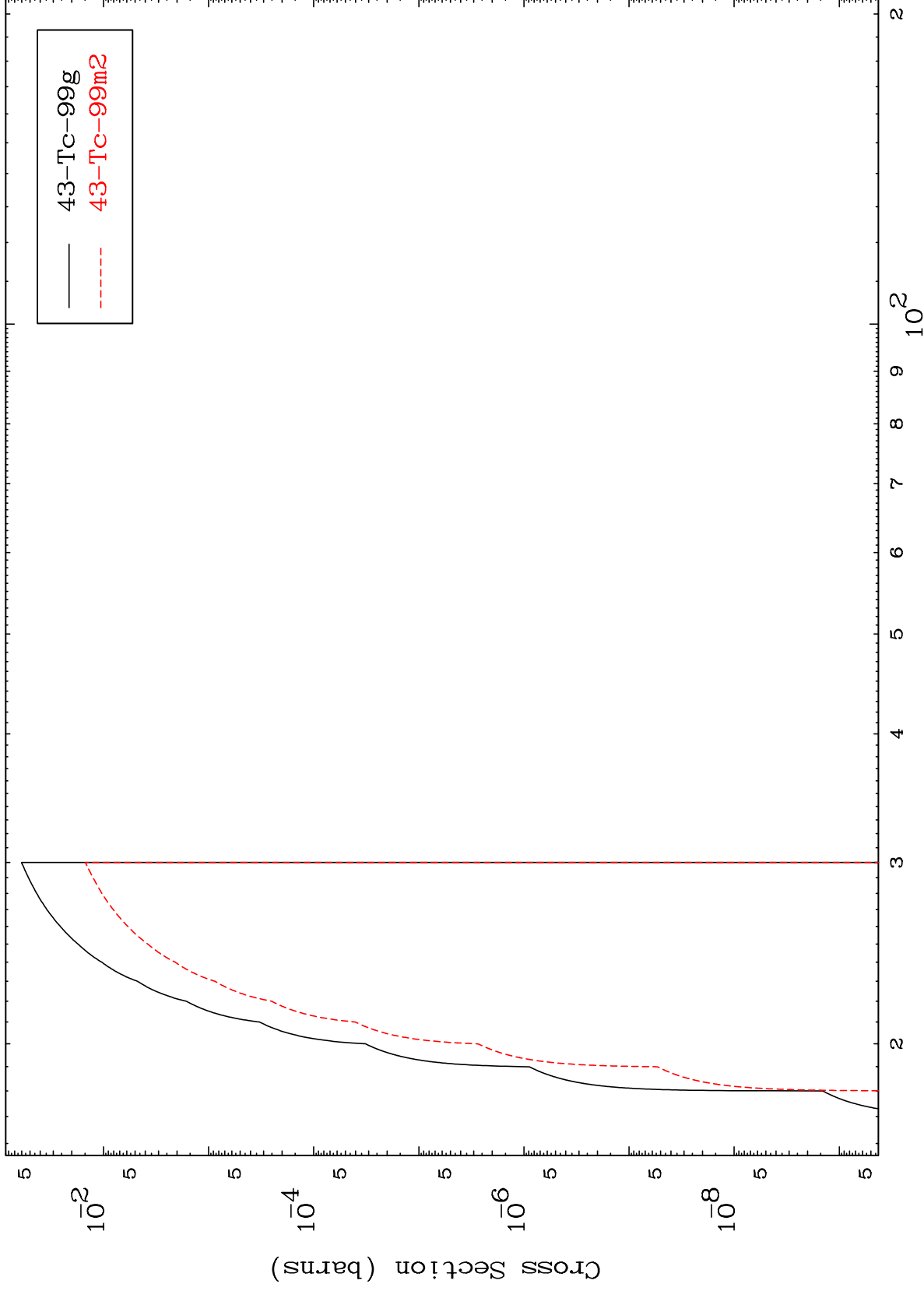


MAT 4440

(n,2n) p

44-Ru-101

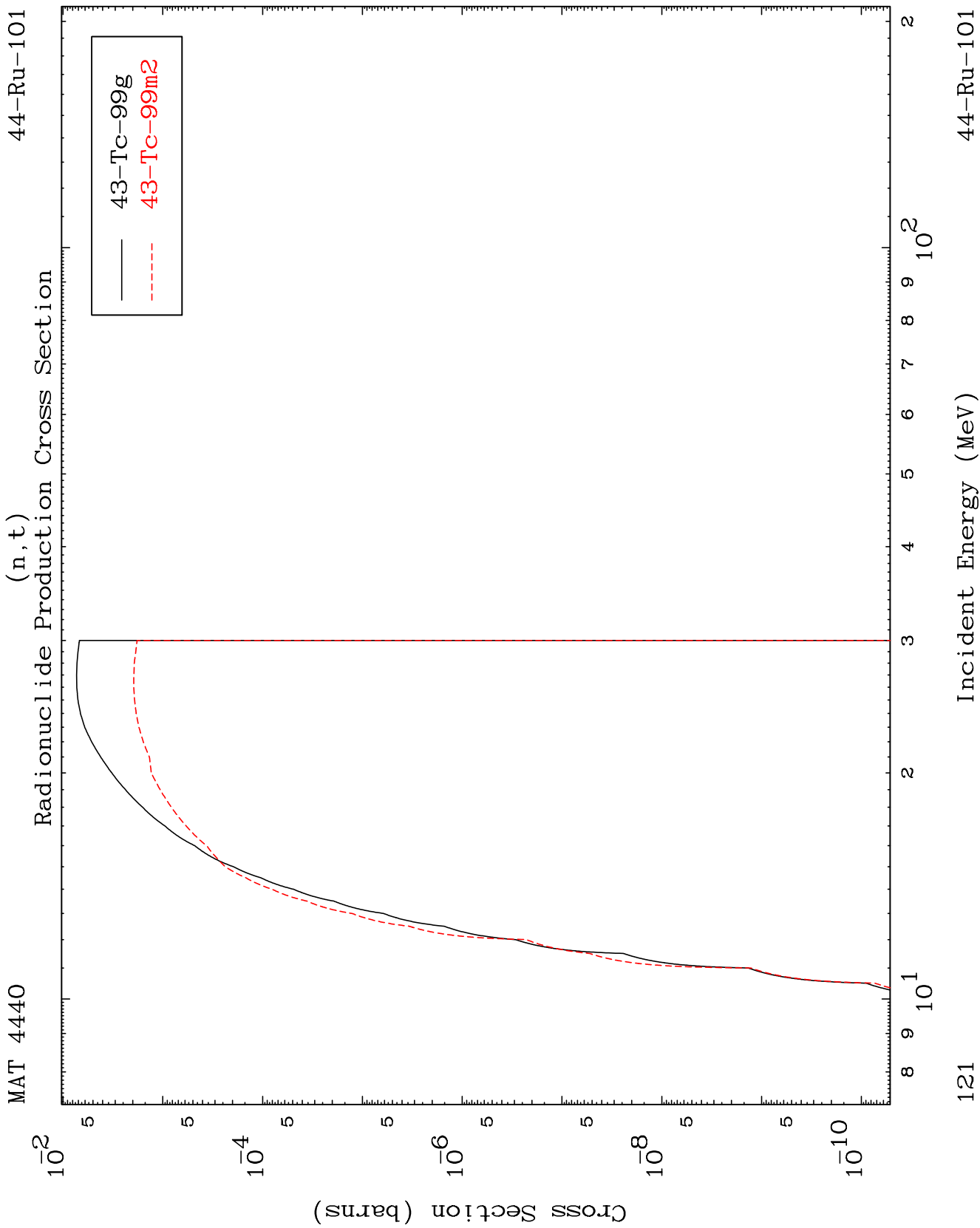
Radionuclide Production Cross Section



120

Incident Energy (MeV)

44-Ru-101

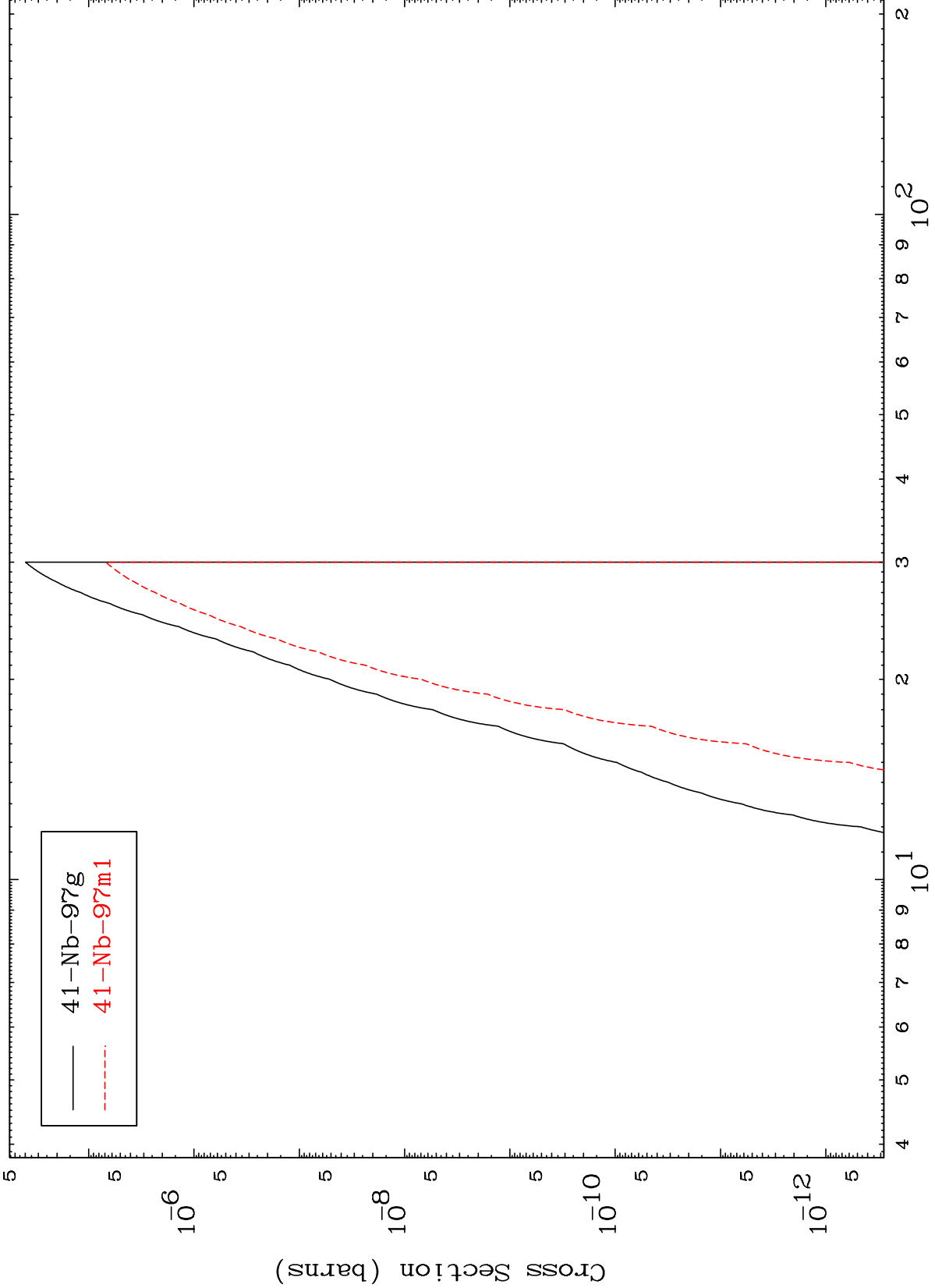


MAT 4440

(n,p)  $\alpha$

44-Ru-101

Radionuclide Production Cross Section



— 41-Nb-97g  
- - - 41-Nb-97m1

122

Incident Energy (MeV)

44-Ru-101