

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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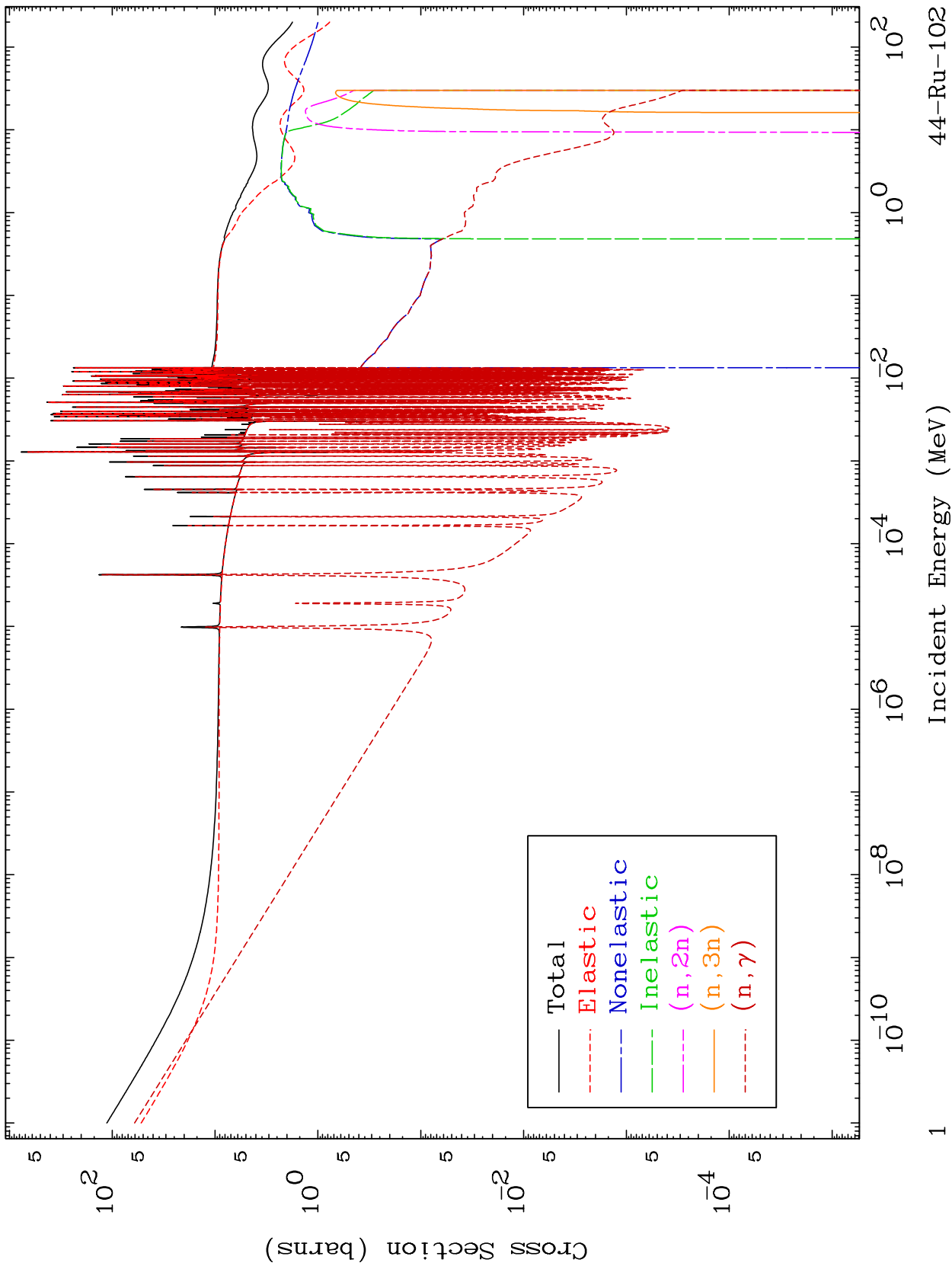
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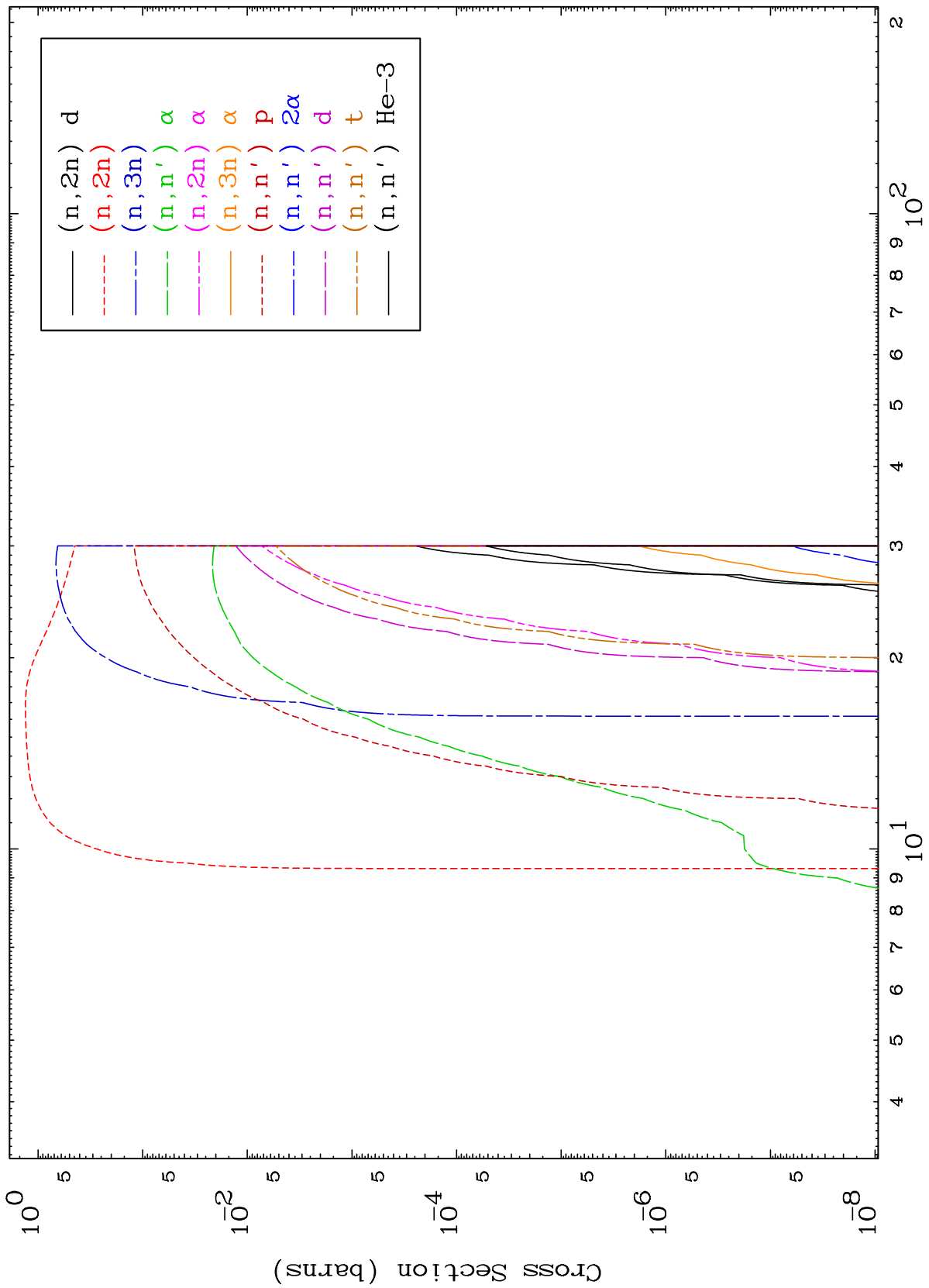
Press Mouse Button to Start

MAT 4443

Neutron Major  
293 Kelvin Cross Sections

44-Ru-102

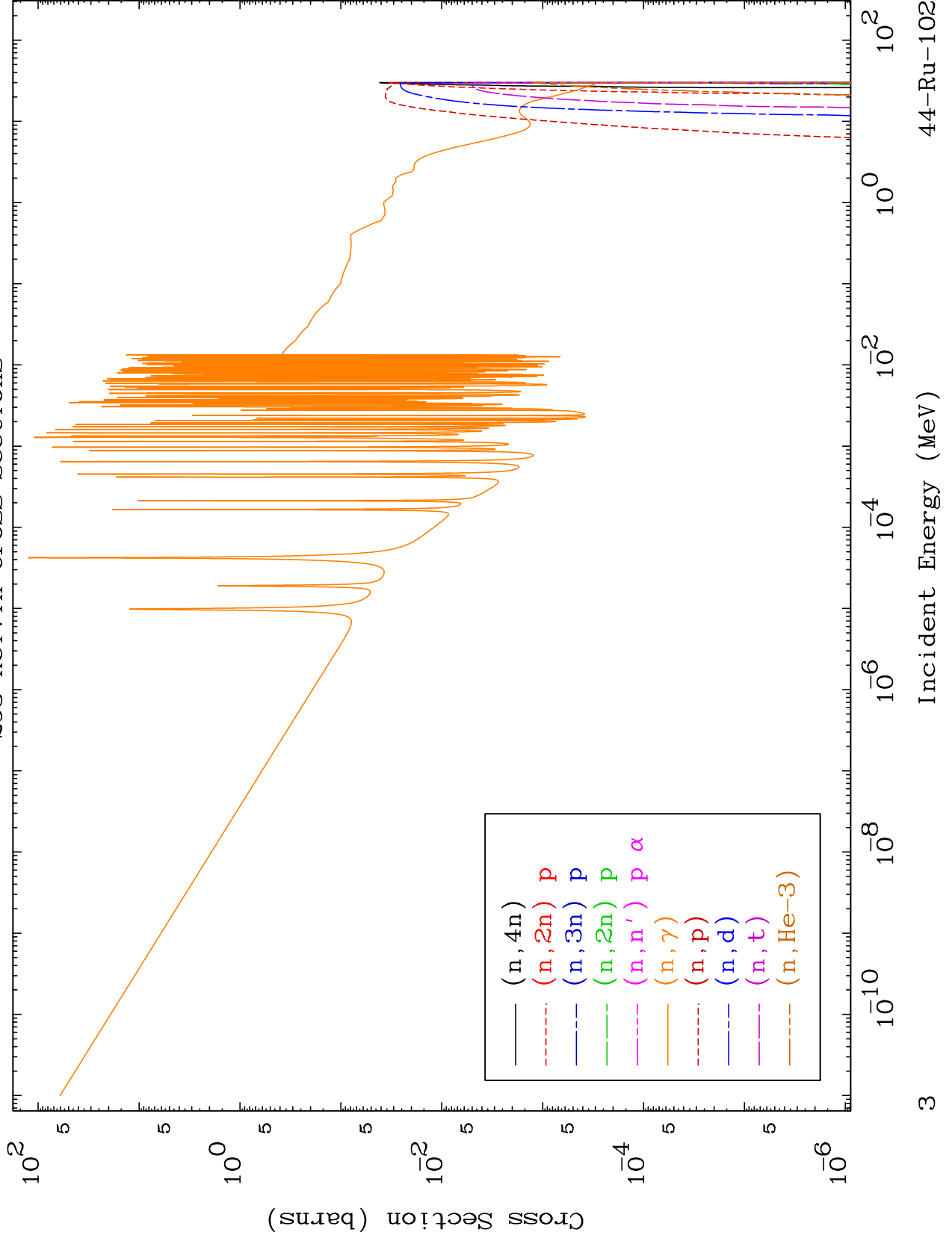




MAT 4443

Neutron Absorption  
293 Kelvin Cross Sections

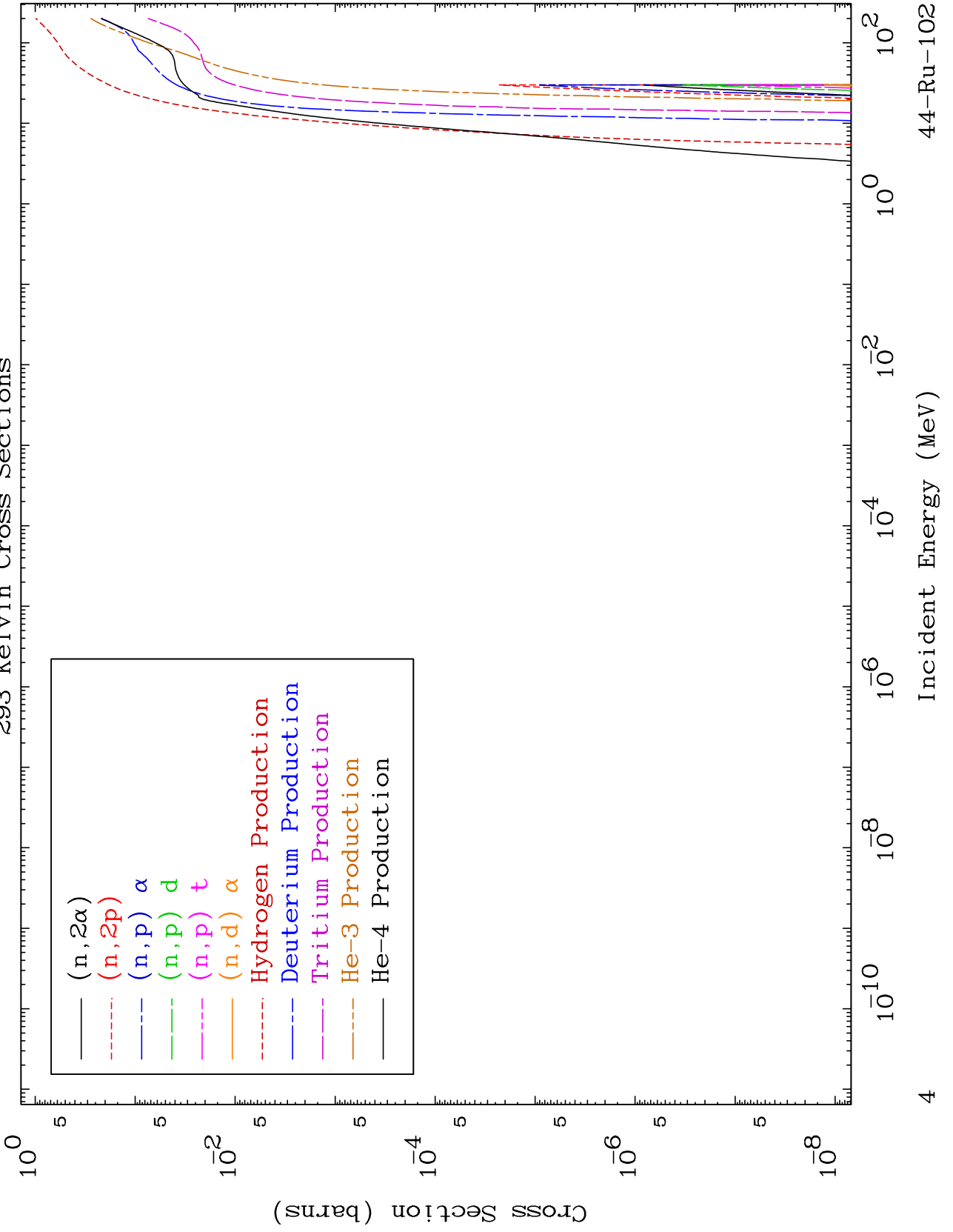
44-Ru-102



MAT 4443

Neutron Absorption  
293 Kelvin Cross Sections

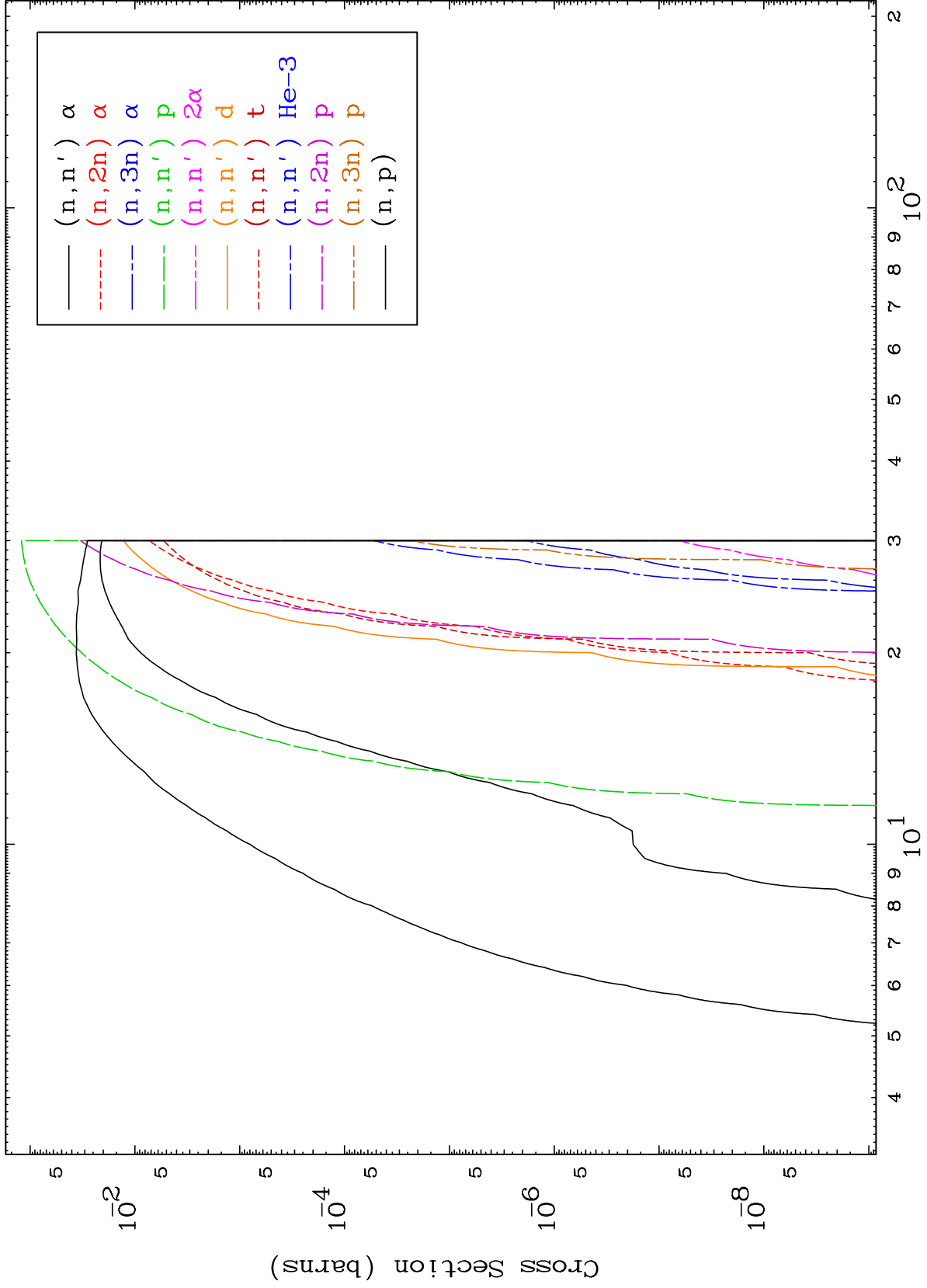
44-Ru-102



MAT 4443

Charged Particle  
293 Kelvin Cross Sections

44-Ru-102



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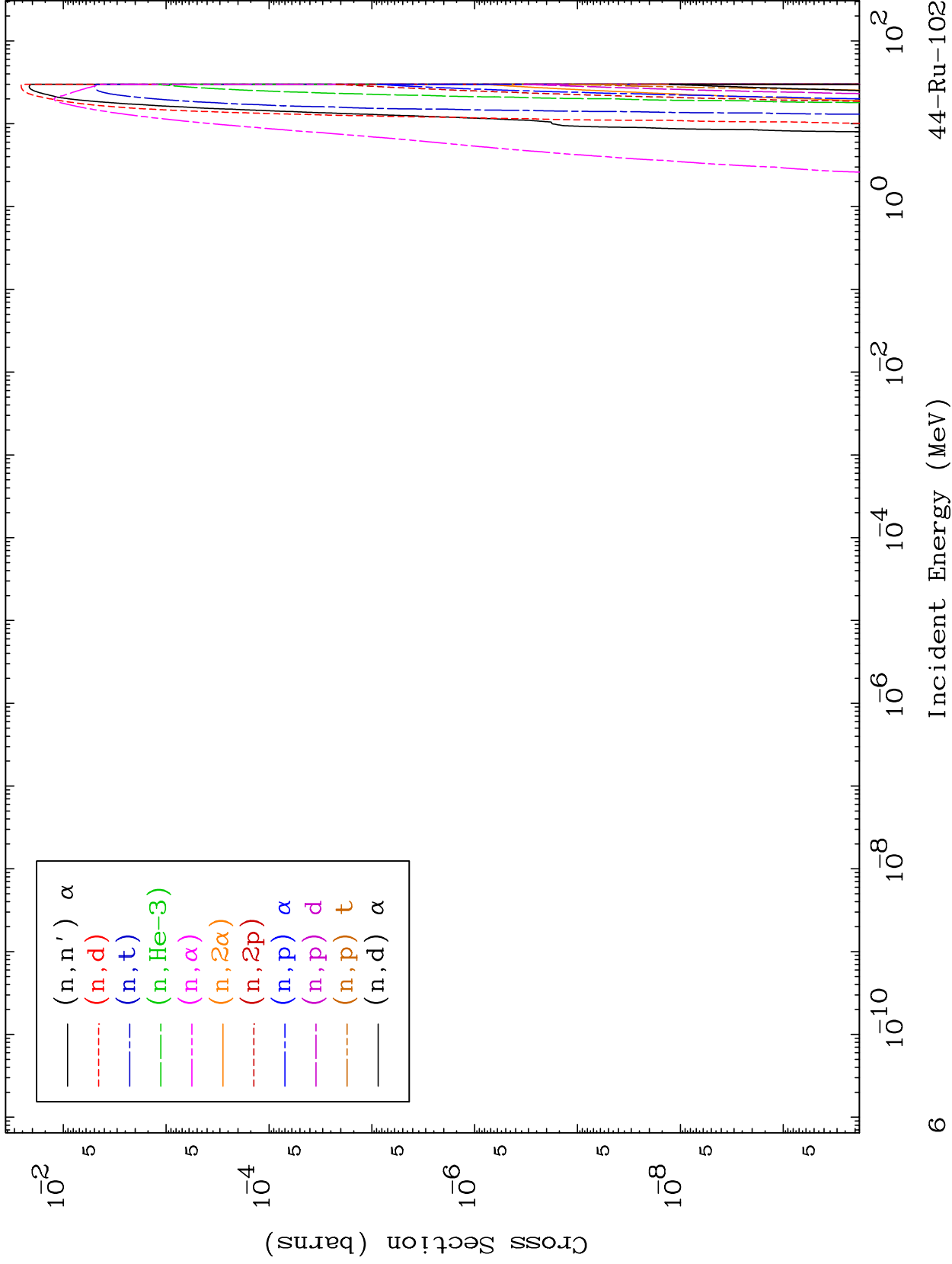
Incident Energy (MeV)

44-Ru-102

MAT 4443

Charged Particle  
293 Kelvin Cross Sections

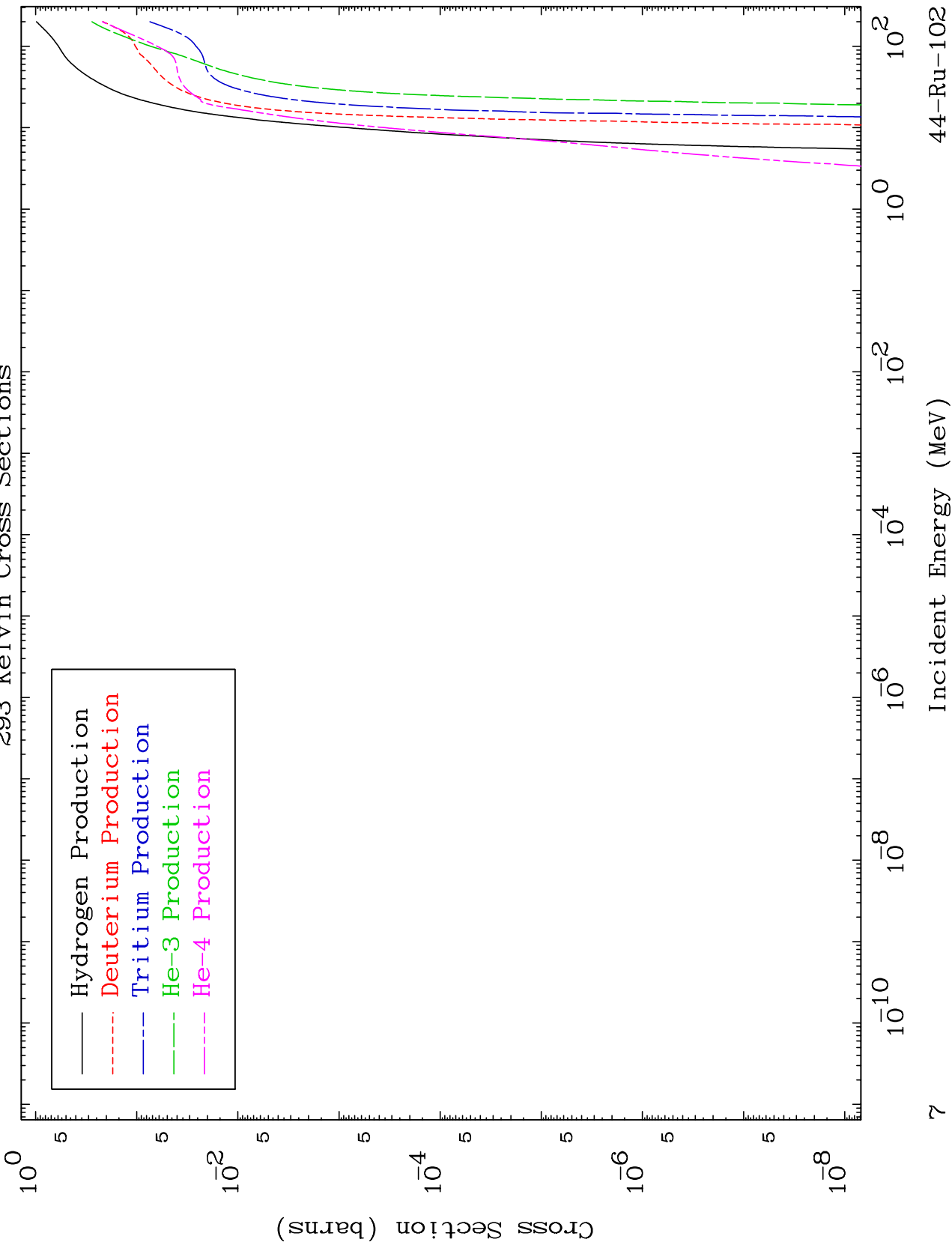
44-Ru-102



MAT 4443

Particle Production  
293 Kelvin Cross Sections

44-Ru-102

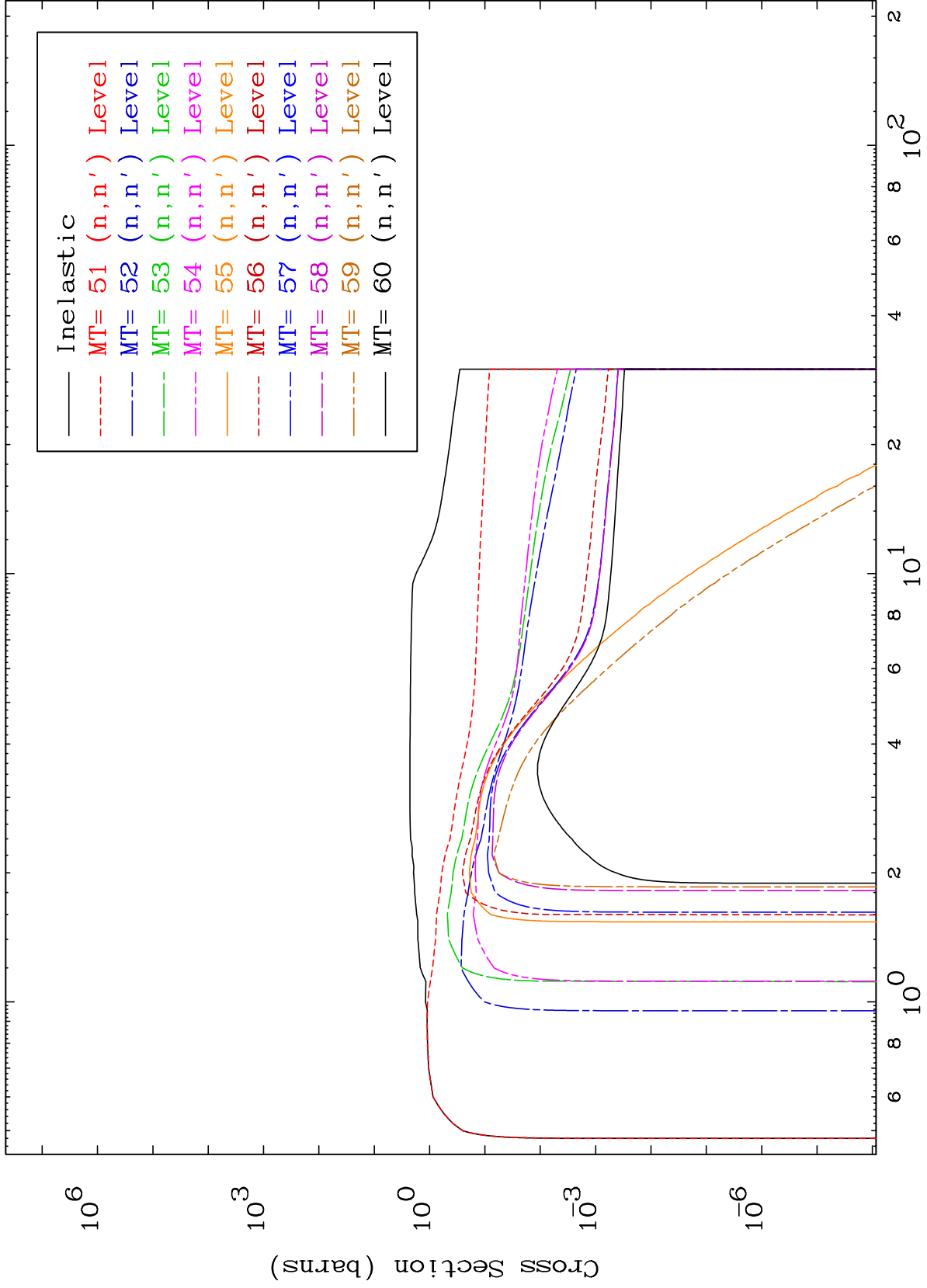


MAT 4443

(n,n') Levels

293 Kelvin Cross Sections

44-Ru-102

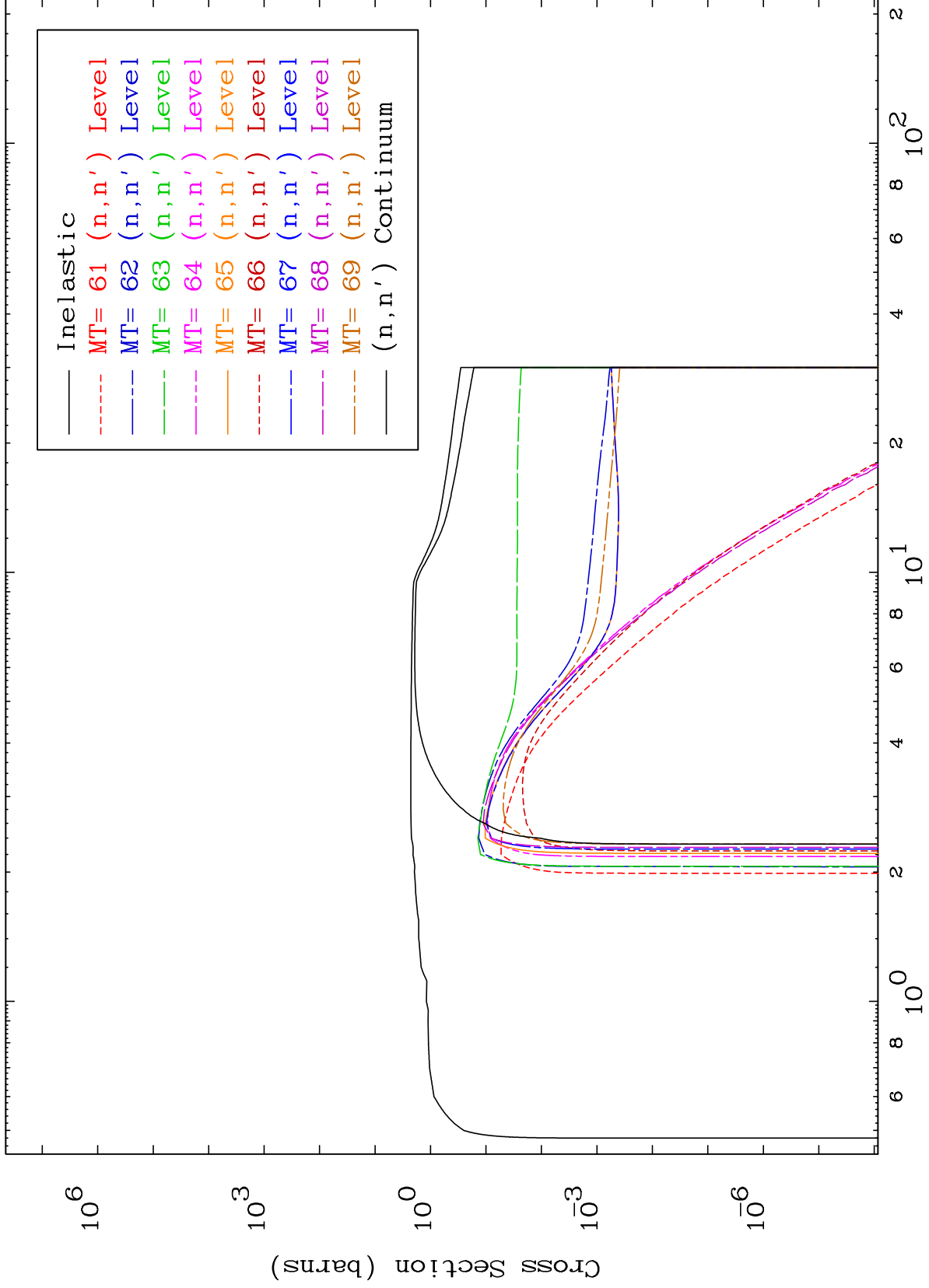


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Incident Energy (MeV)

44-Ru-102

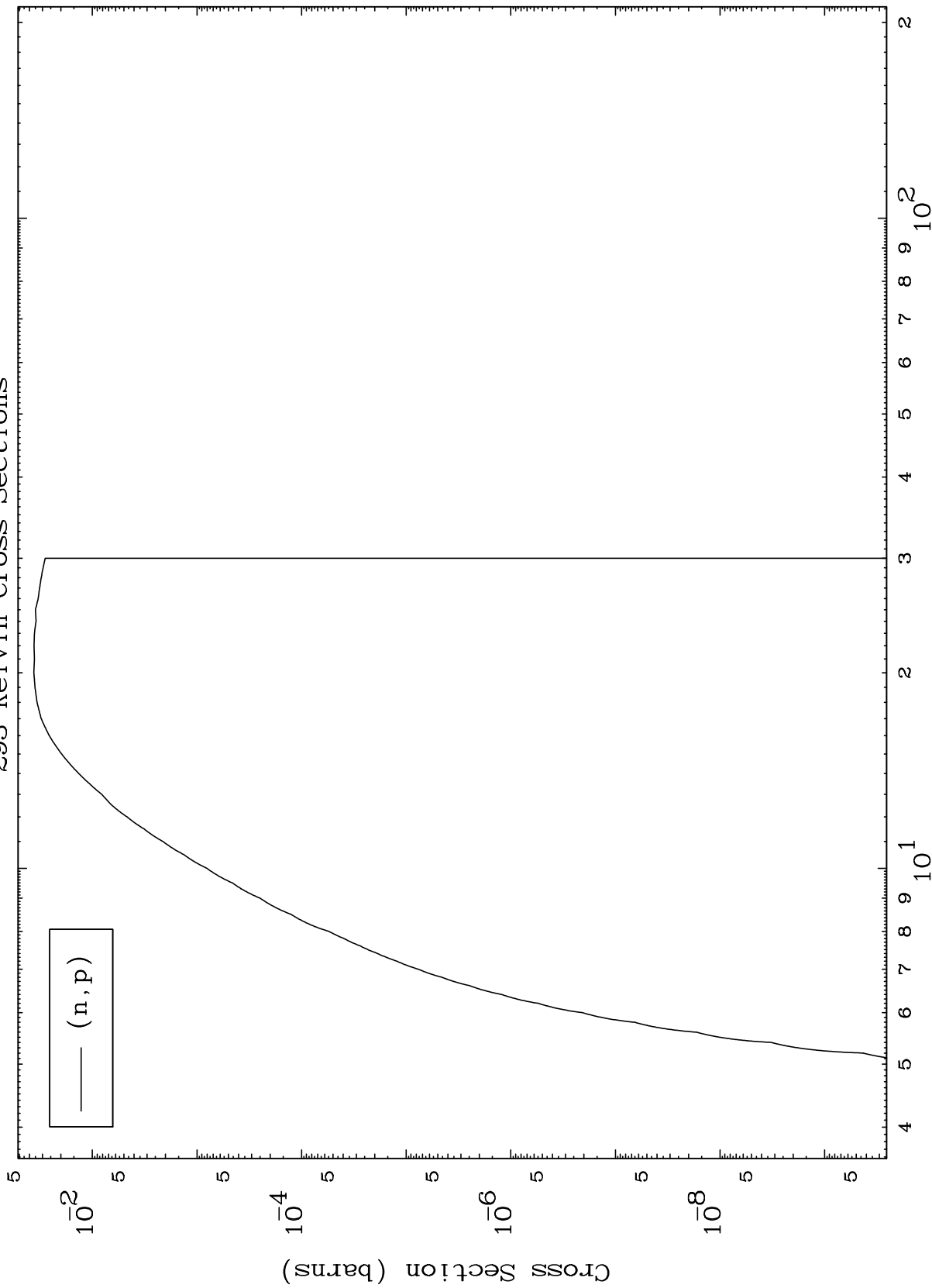
293 Kelvin Cross Sections



MAT 4443

(n,p) Levels  
293 Kelvin Cross Sections

44-Ru-102



10

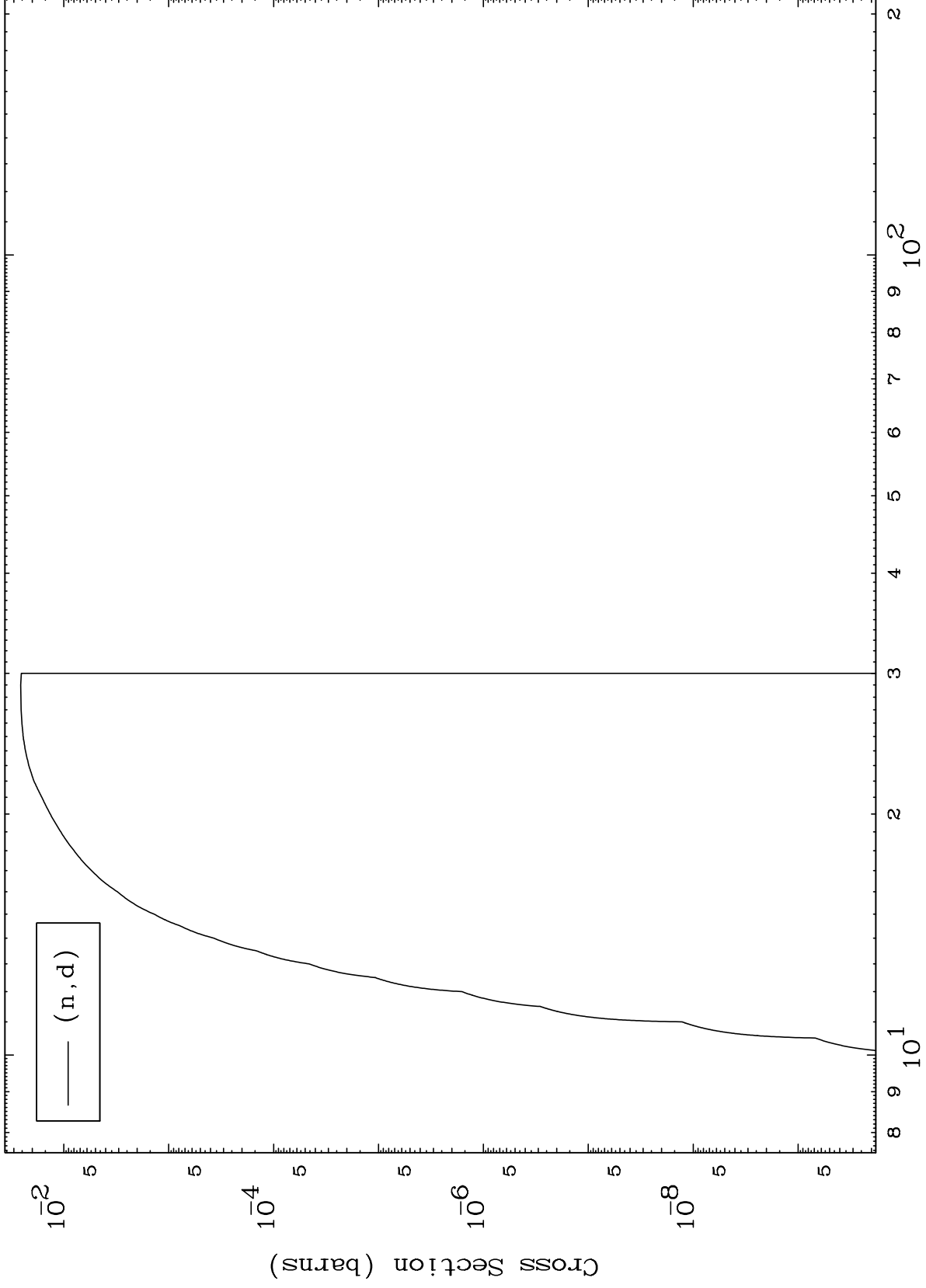
Incident Energy (MeV)

44-Ru-102

MAT 4443

(n,d) Levels  
293 Kelvin Cross Sections

44-Ru-102



11

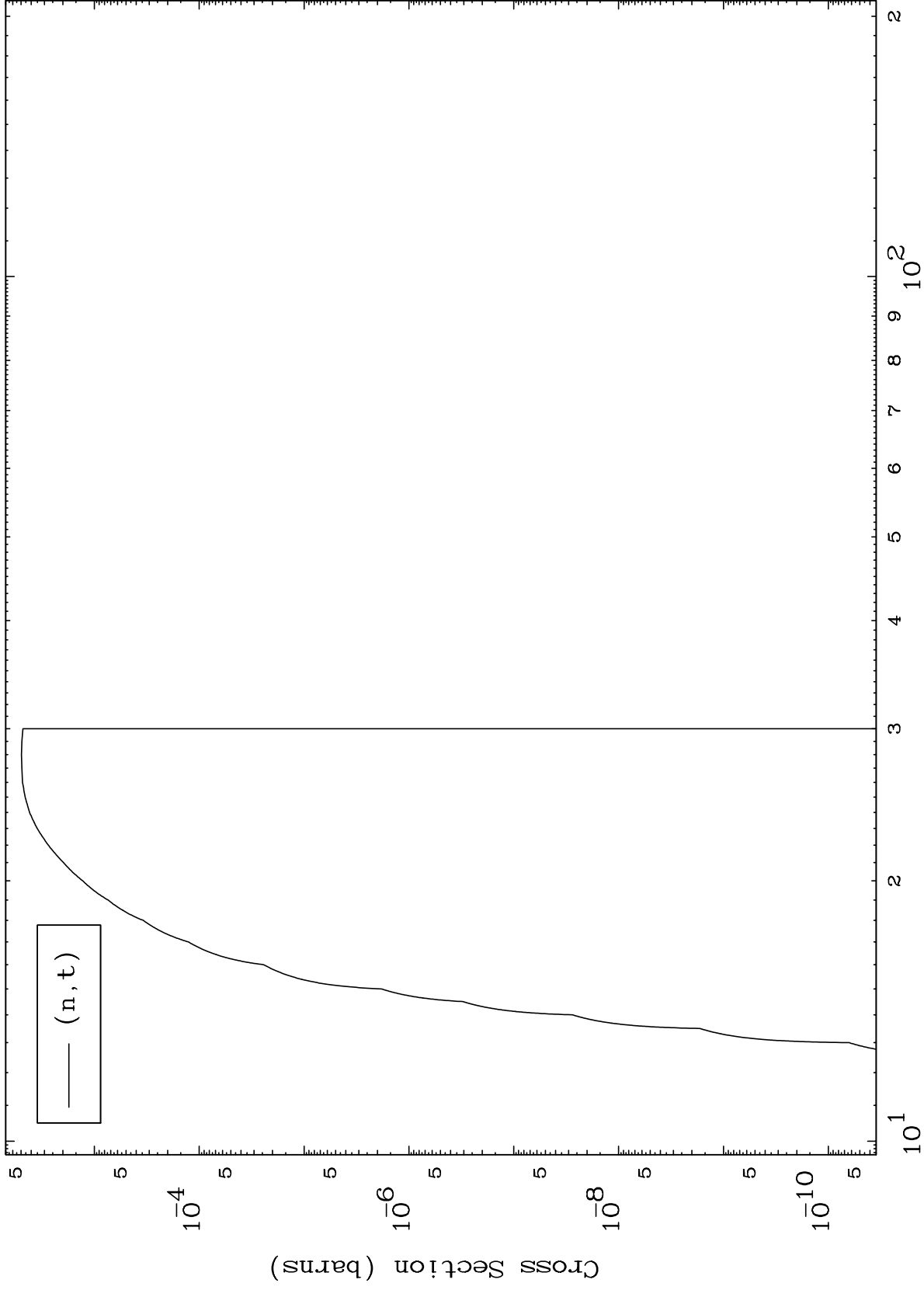
Incident Energy (MeV)

44-Ru-102

MAT 4443

(n,t) Levels  
293 Kelvin Cross Sections

44-Ru-102



Incident Energy (MeV)

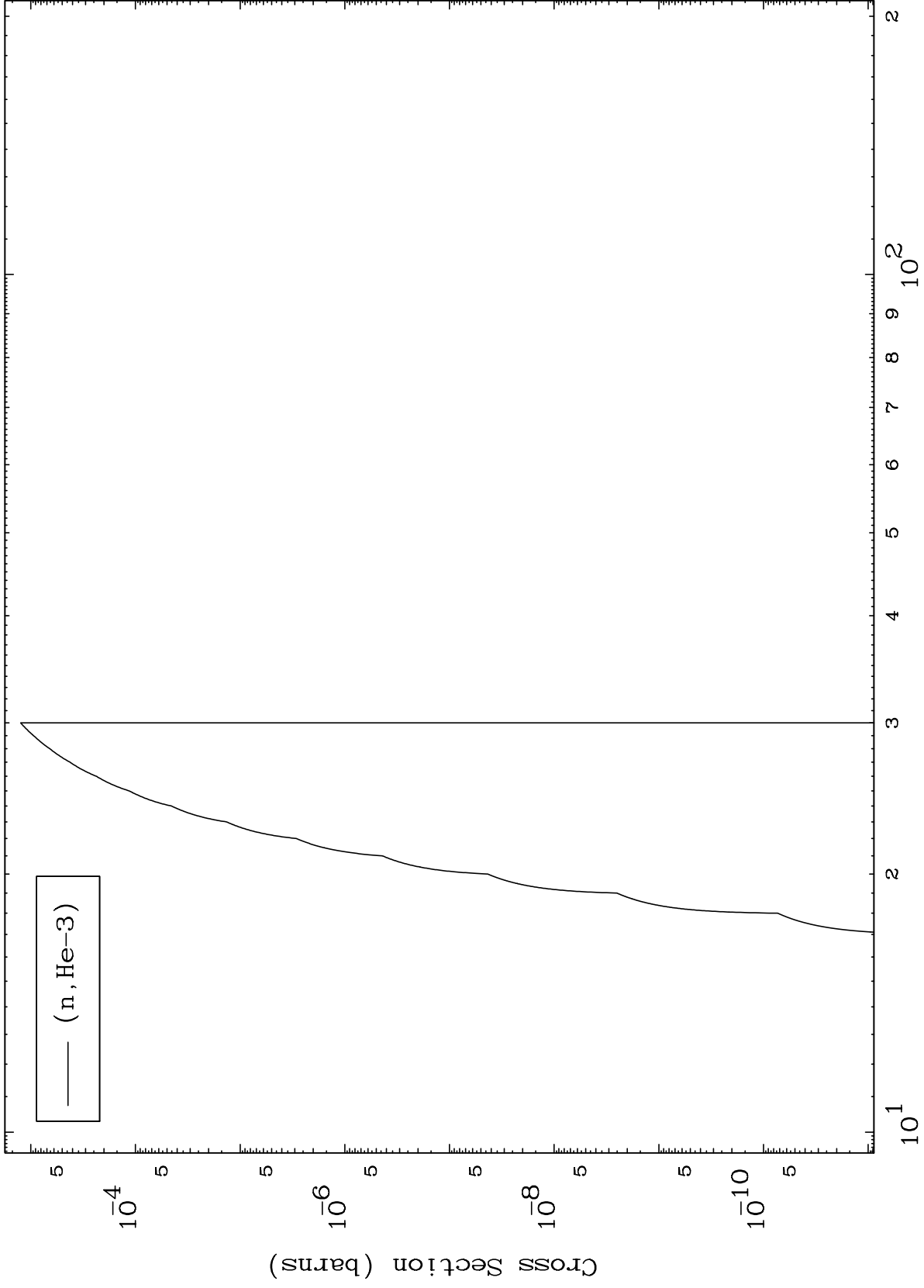
44-Ru-102

12

MAT 4443

(n,He3) Levels  
293 Kelvin Cross Sections

44-Ru-102



13

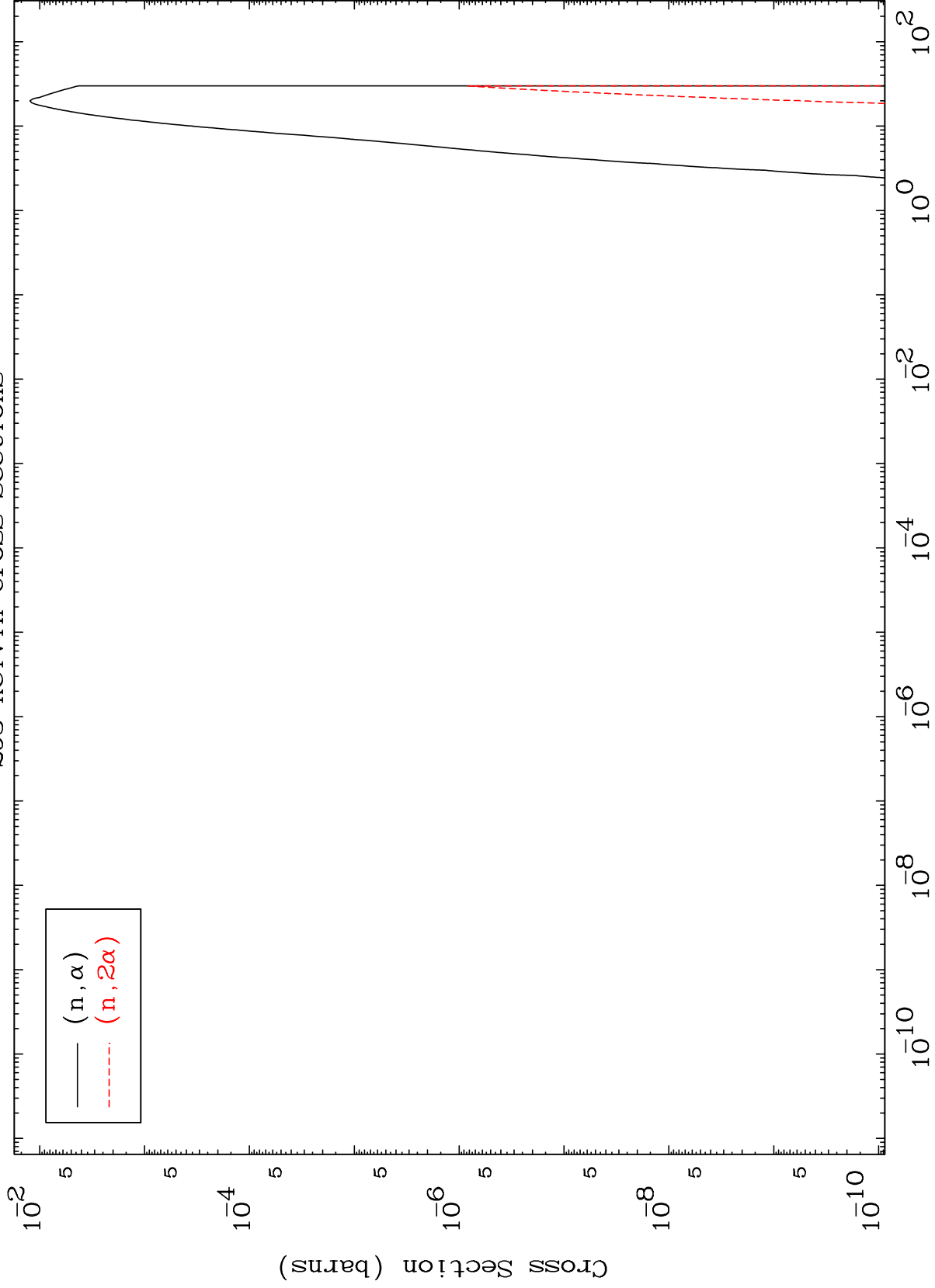
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

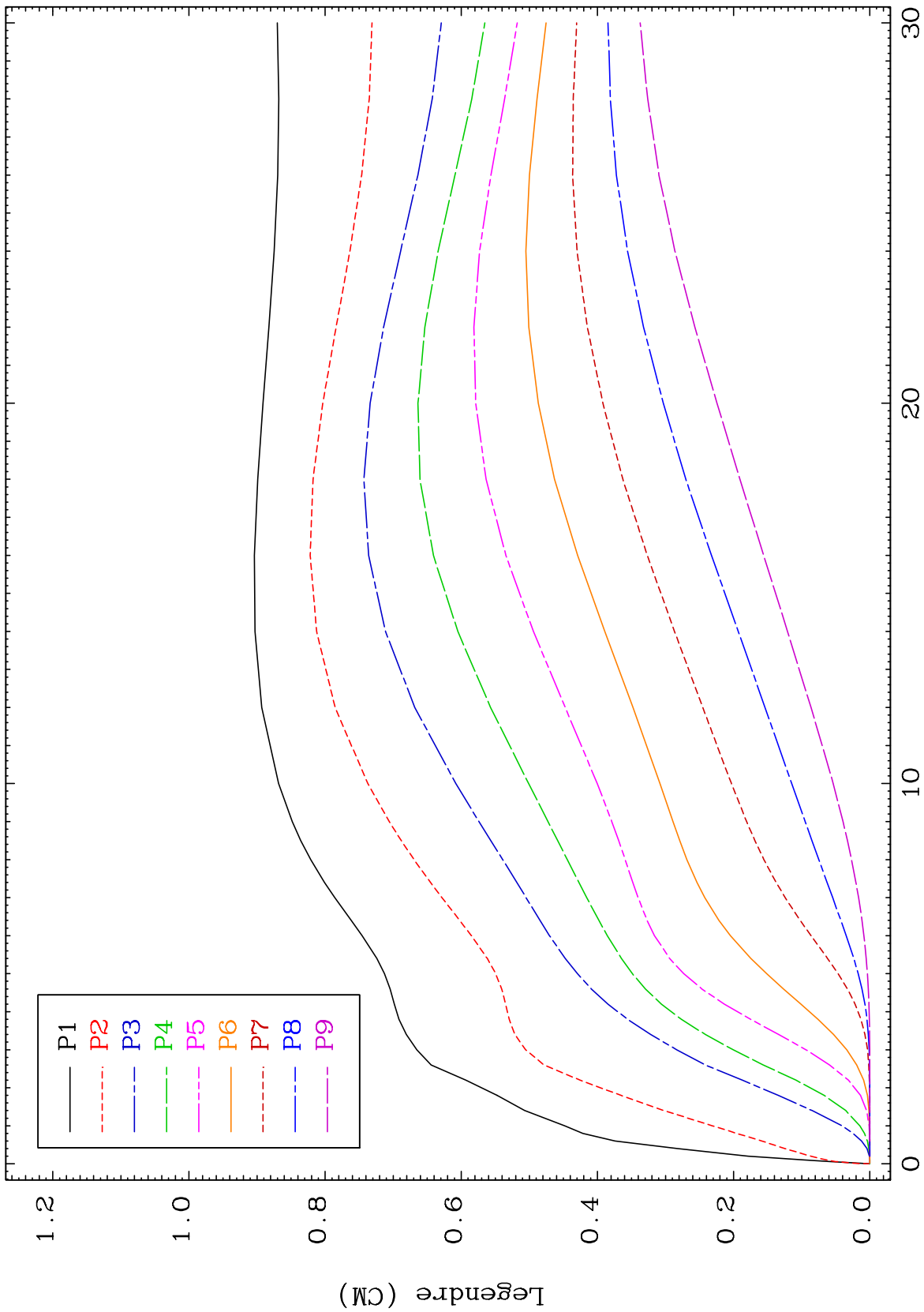
44-Ru-102



MAT 4443

Elastic Legendre Coefficients

44-Ru-102



15

Incident Energy (MeV)

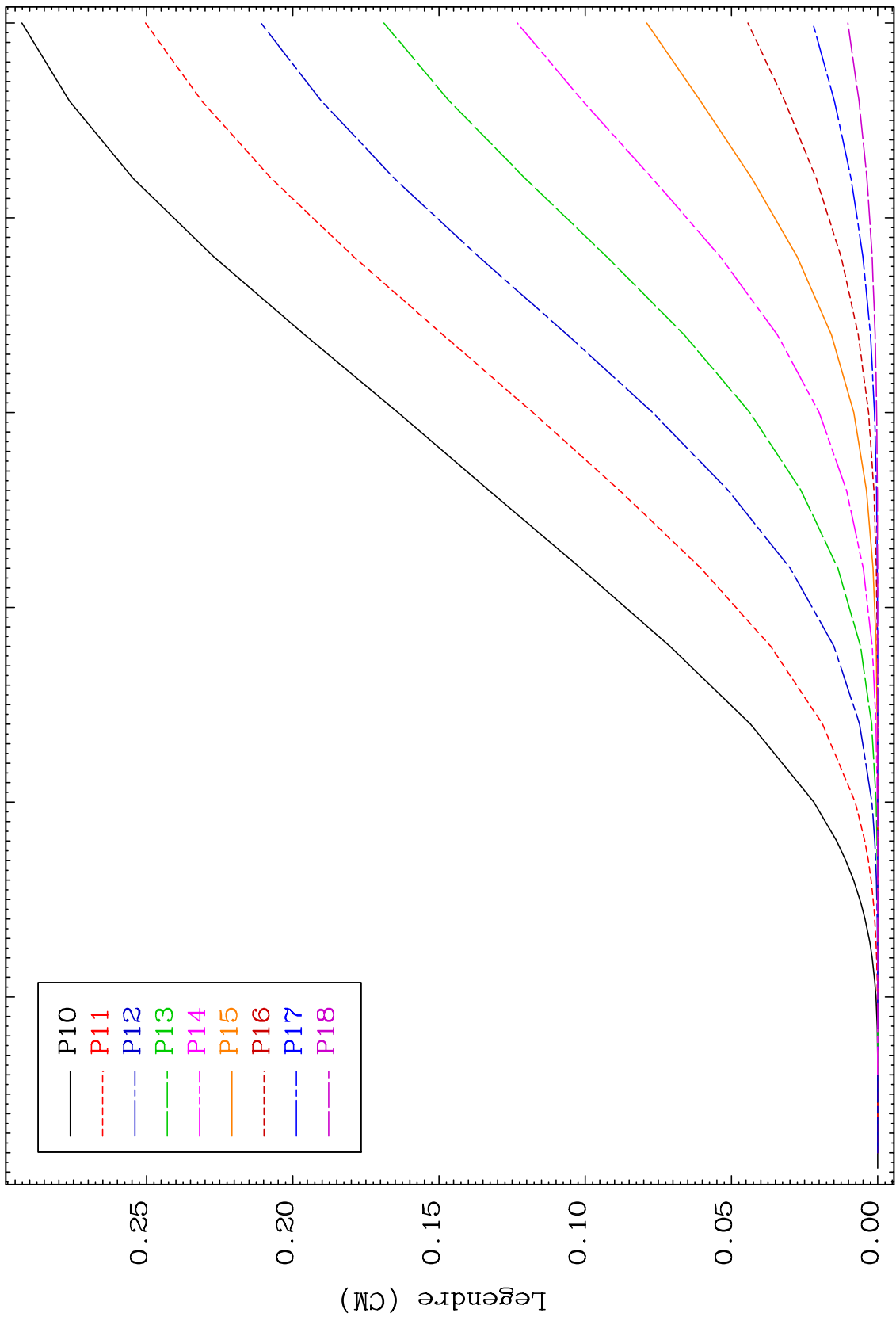
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30

MAT 4443

Elastic Legendre Coefficients

44-Ru-102



16

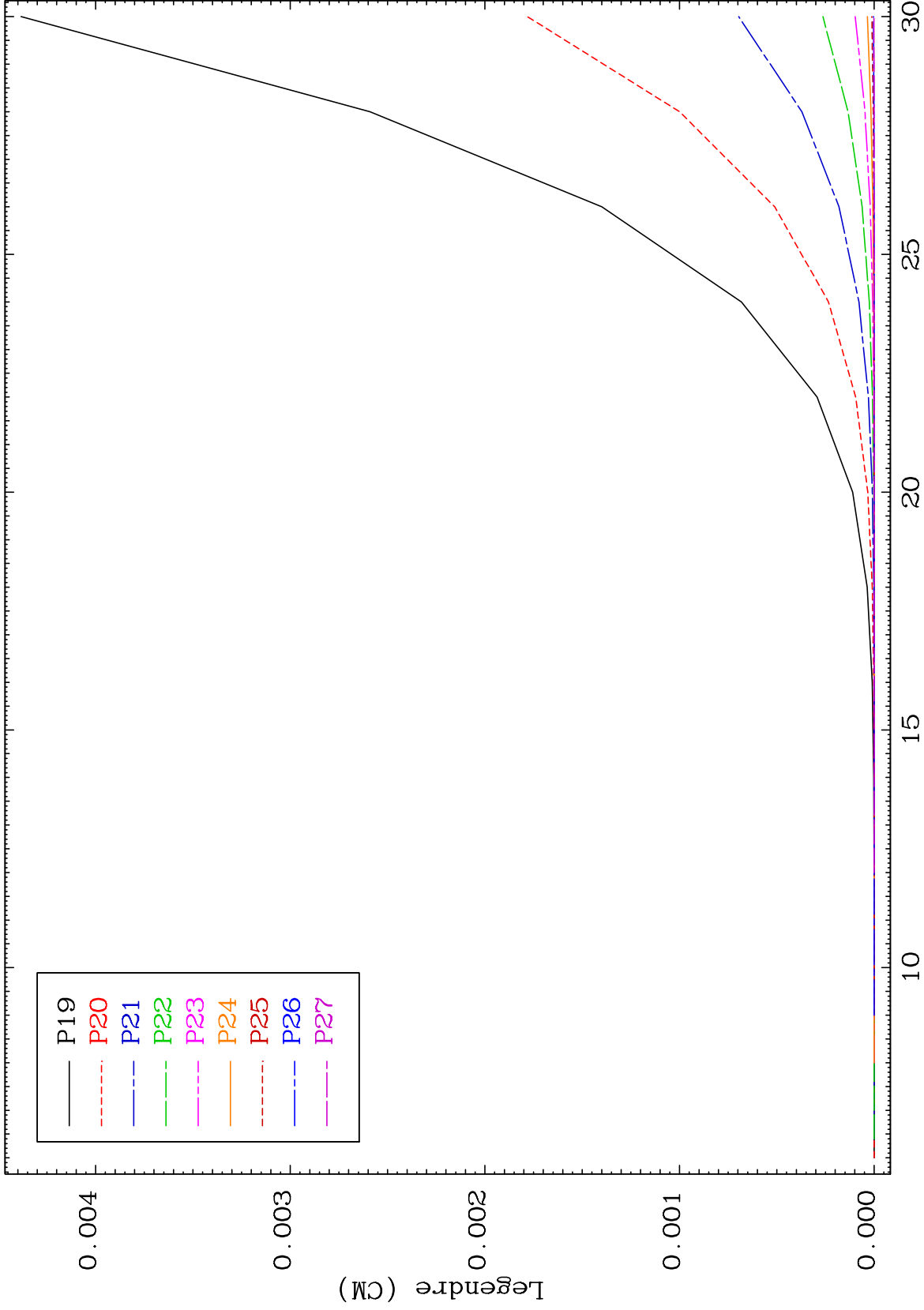
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Incident Energy (MeV)

MAT 4443

Elastic Legendre Coefficients

44-Ru-102



17

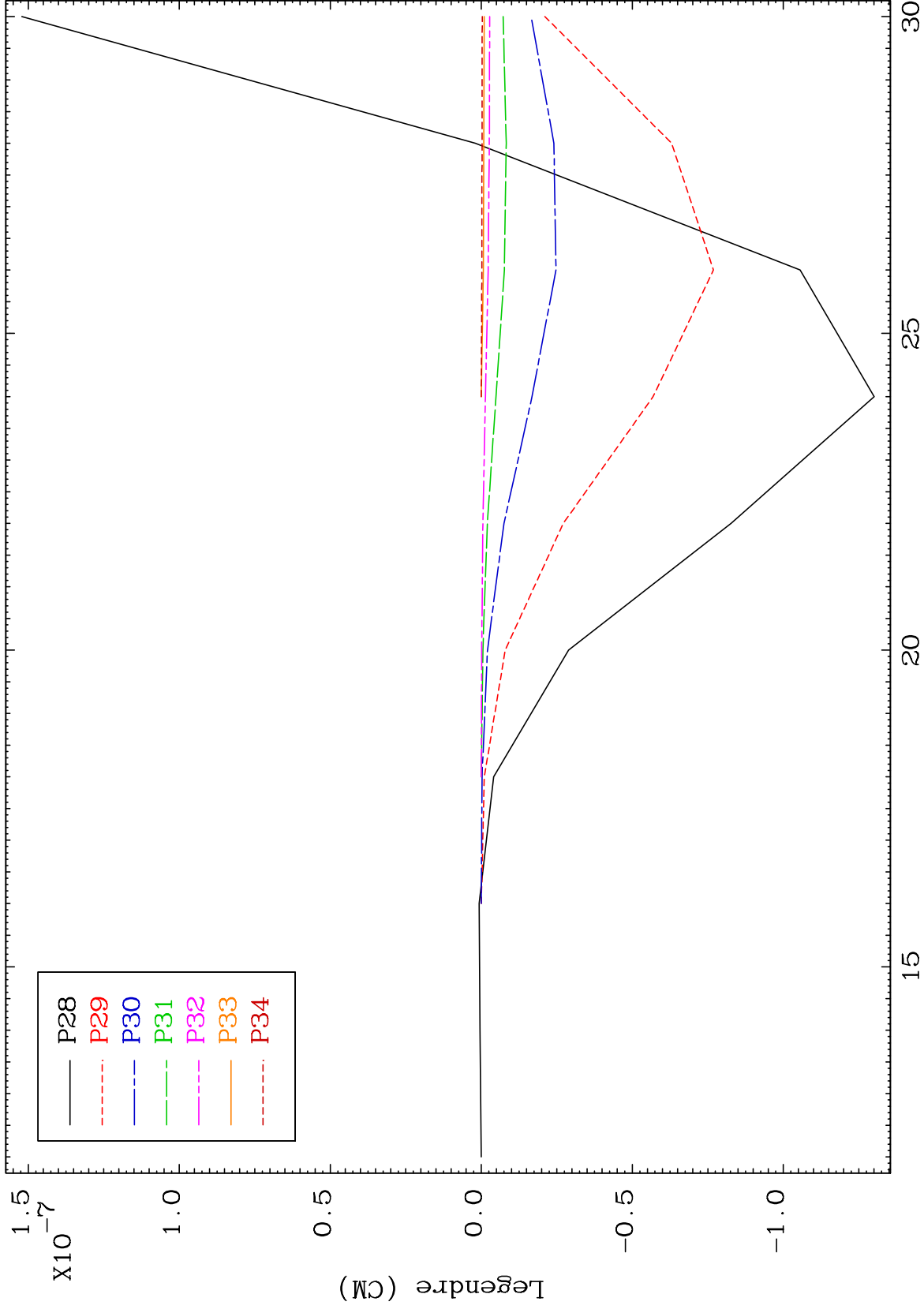
Incident Energy (MeV)

44-Ru-102

MAT 4443

Elastic  
Legendre Coefficients

44-Ru-102



18

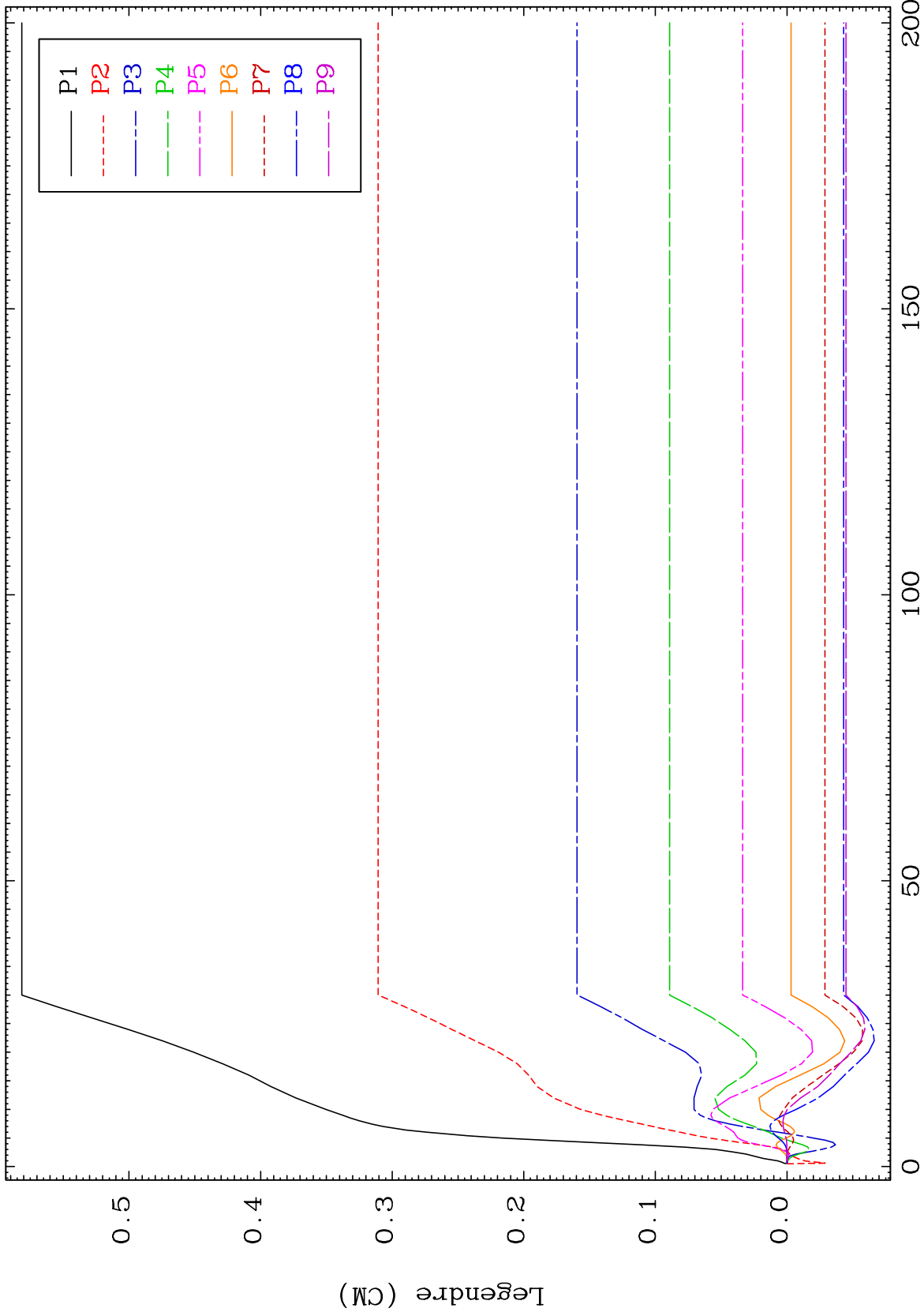
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



19

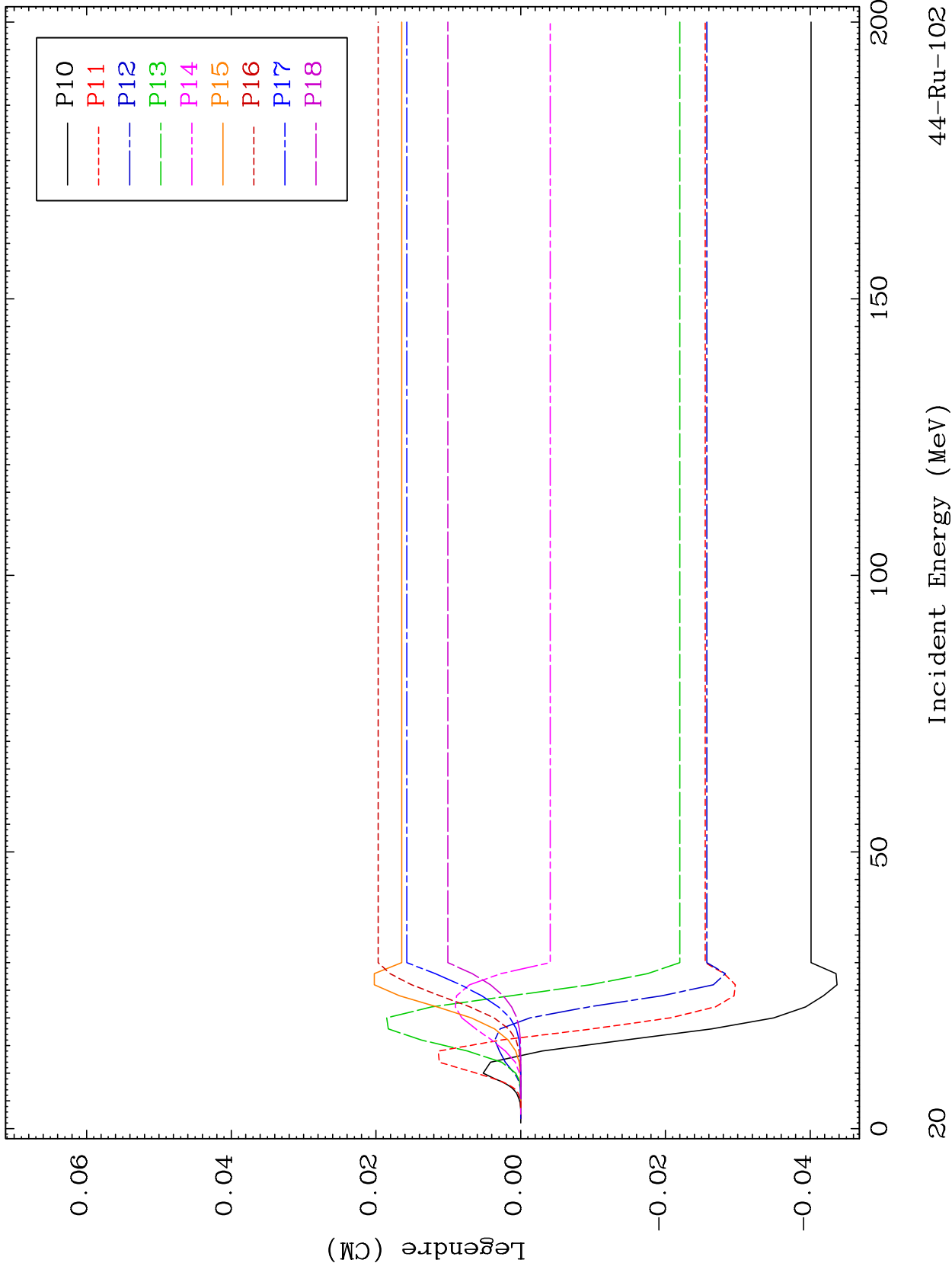
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



44-Ru-102

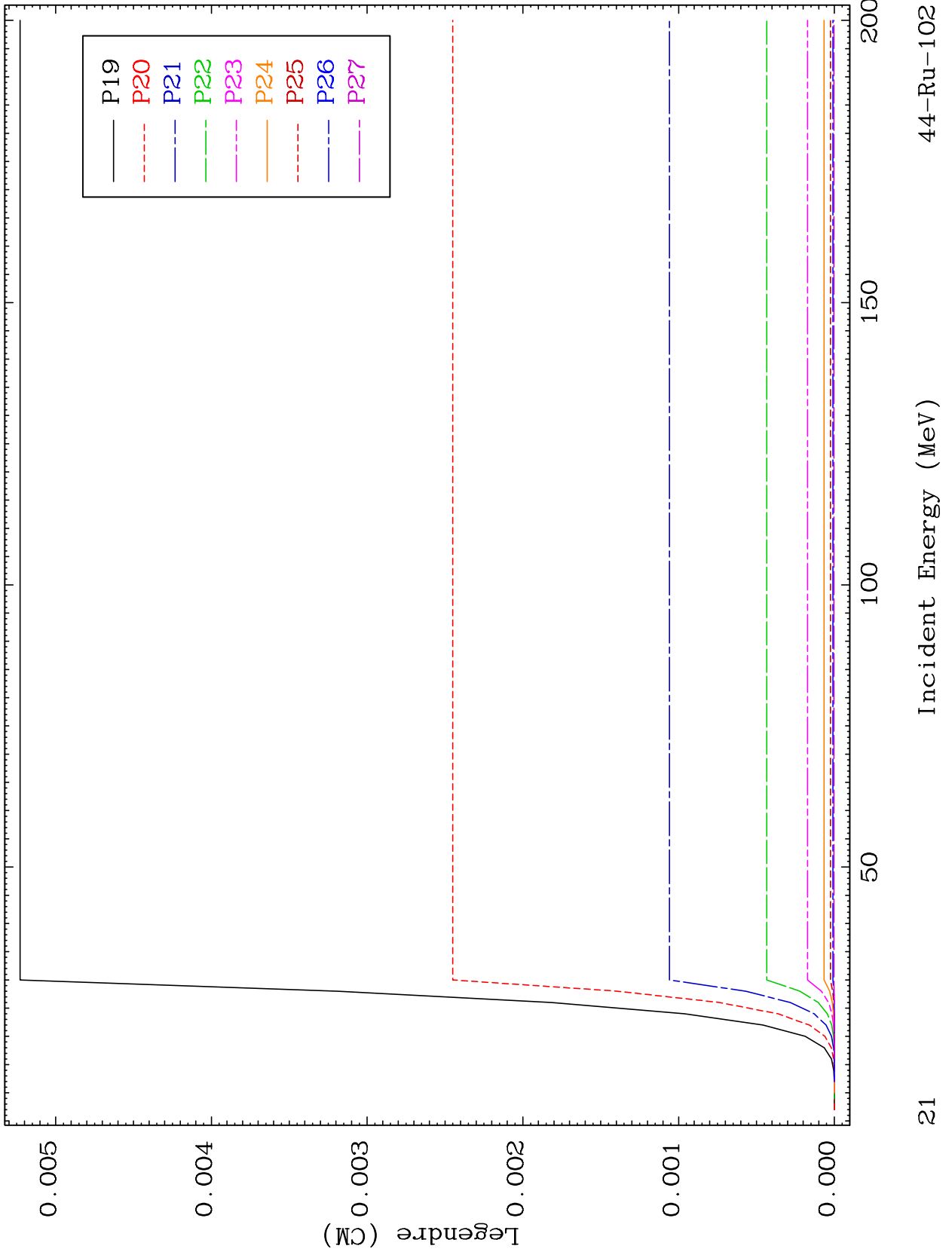
Incident Energy (MeV)

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MAT 4443

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

44-Ru-102



21

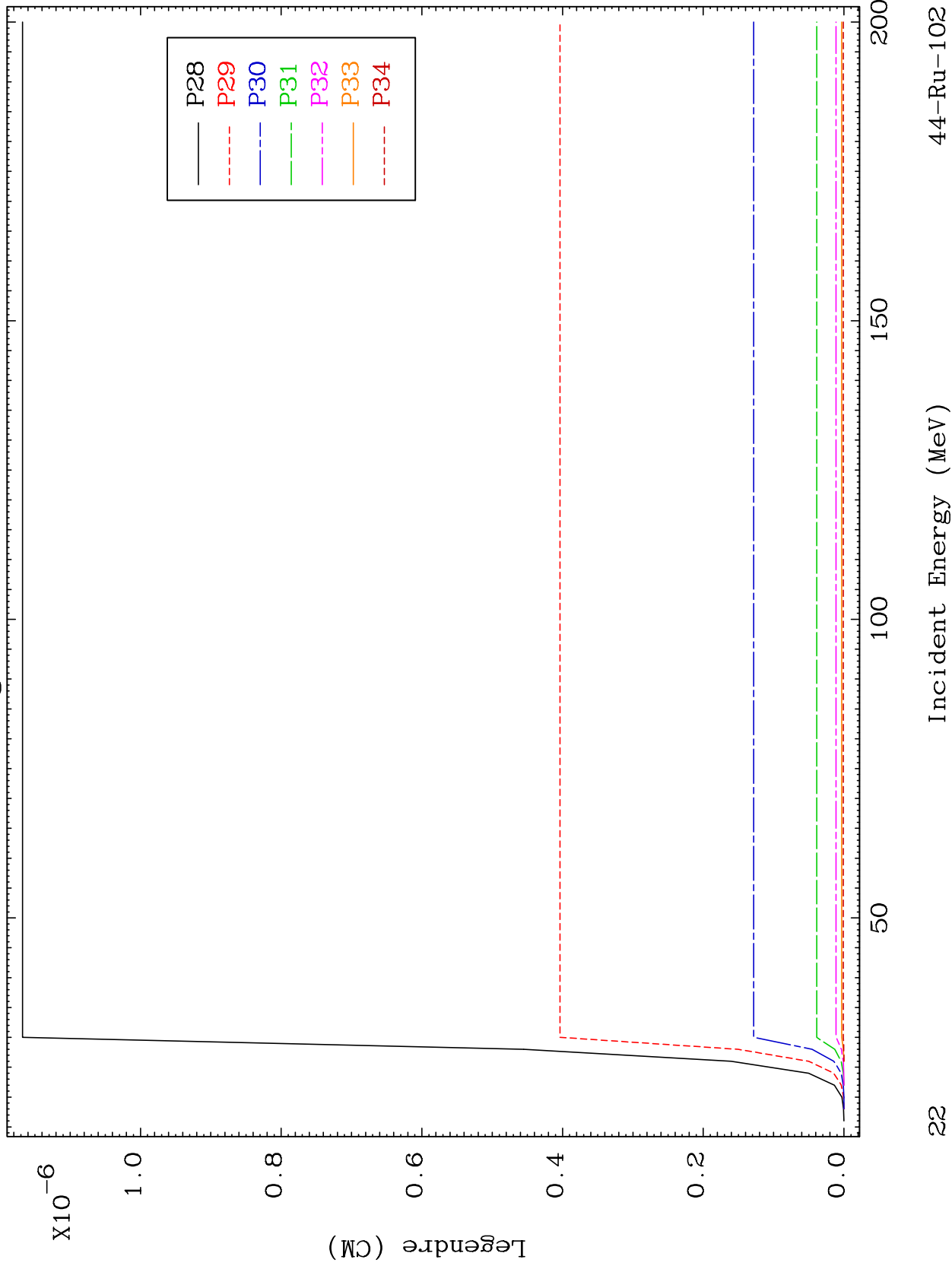
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

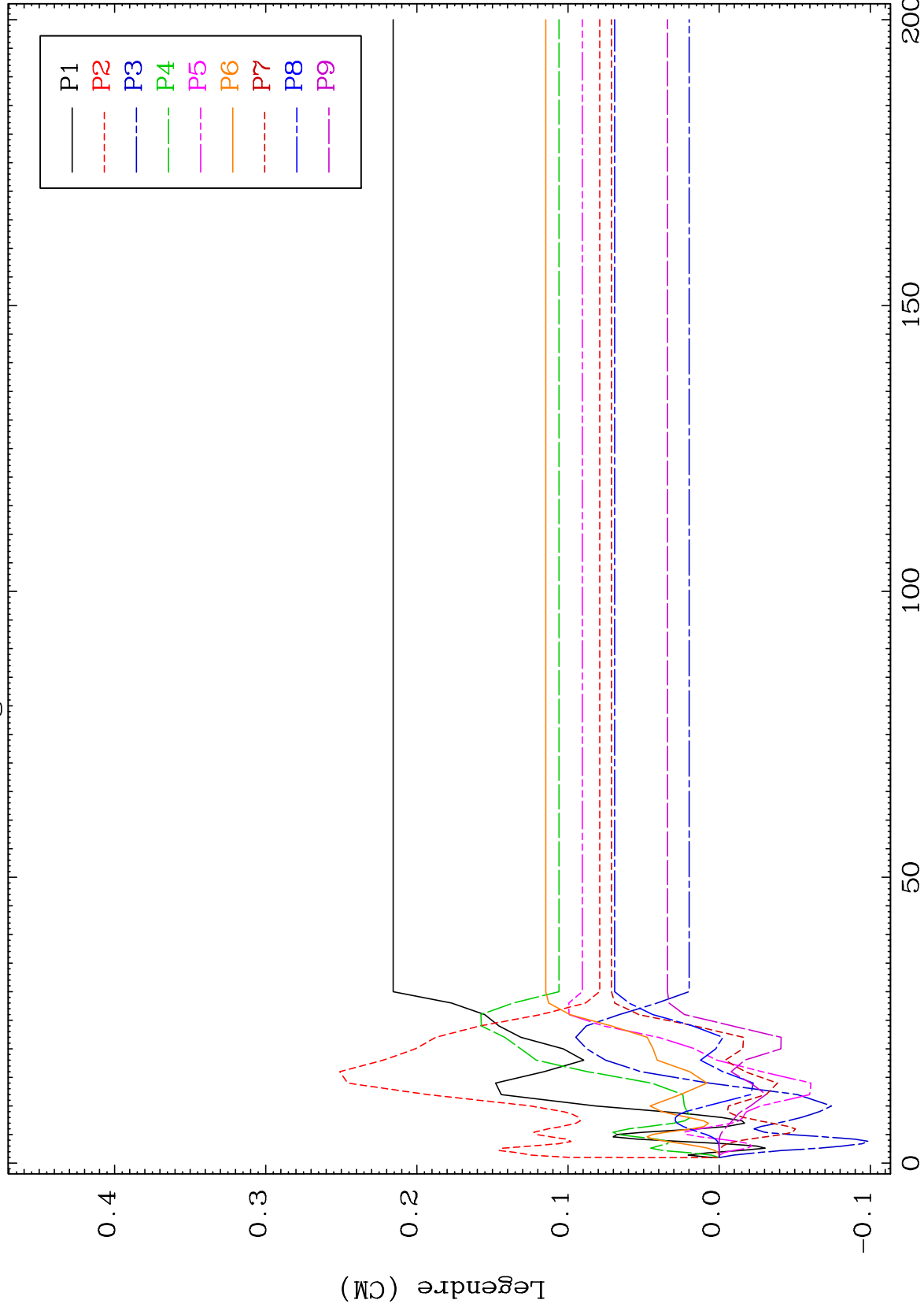
44-Ru-102



MAT 4443

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

44-Ru-102



23

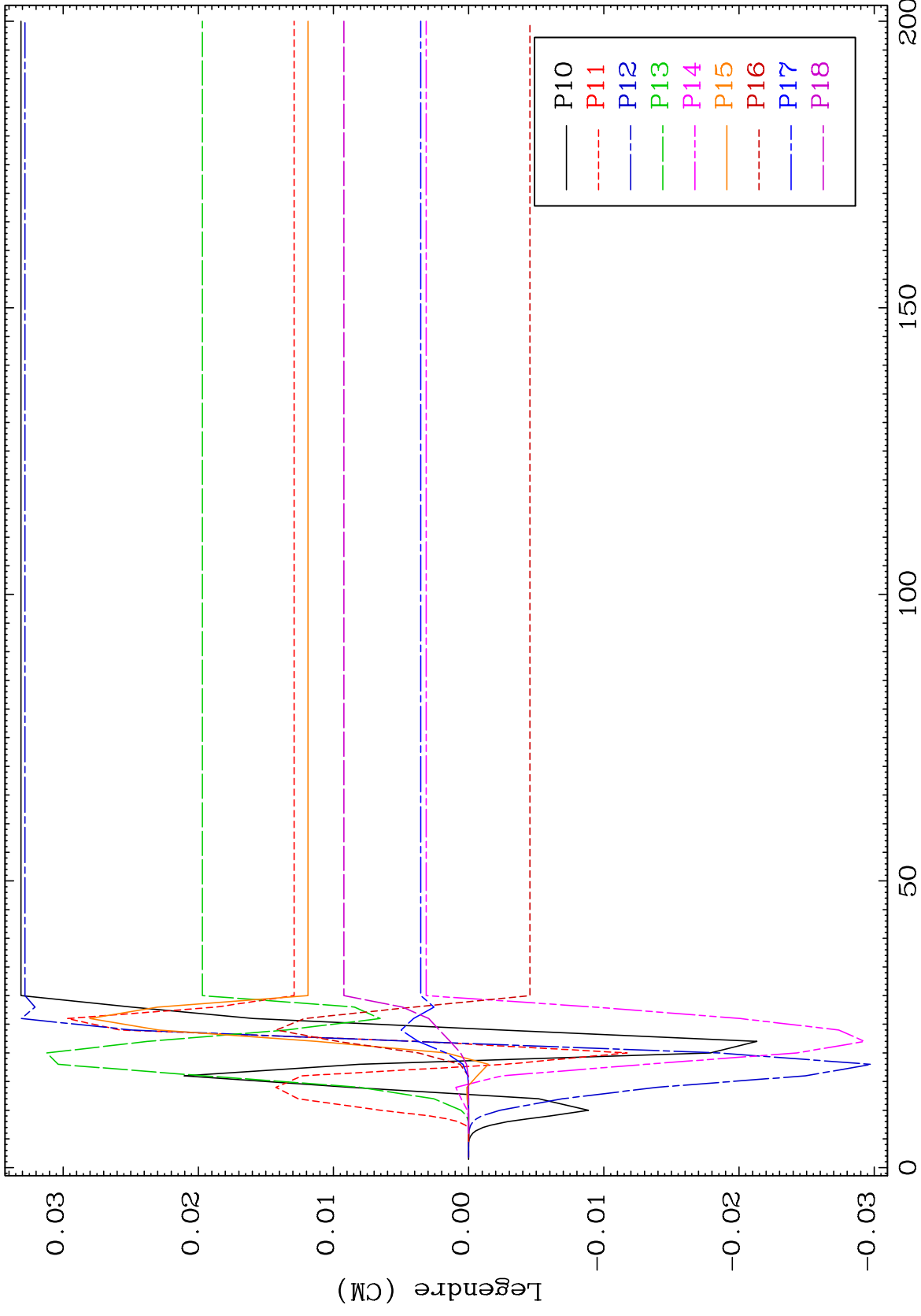
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



24

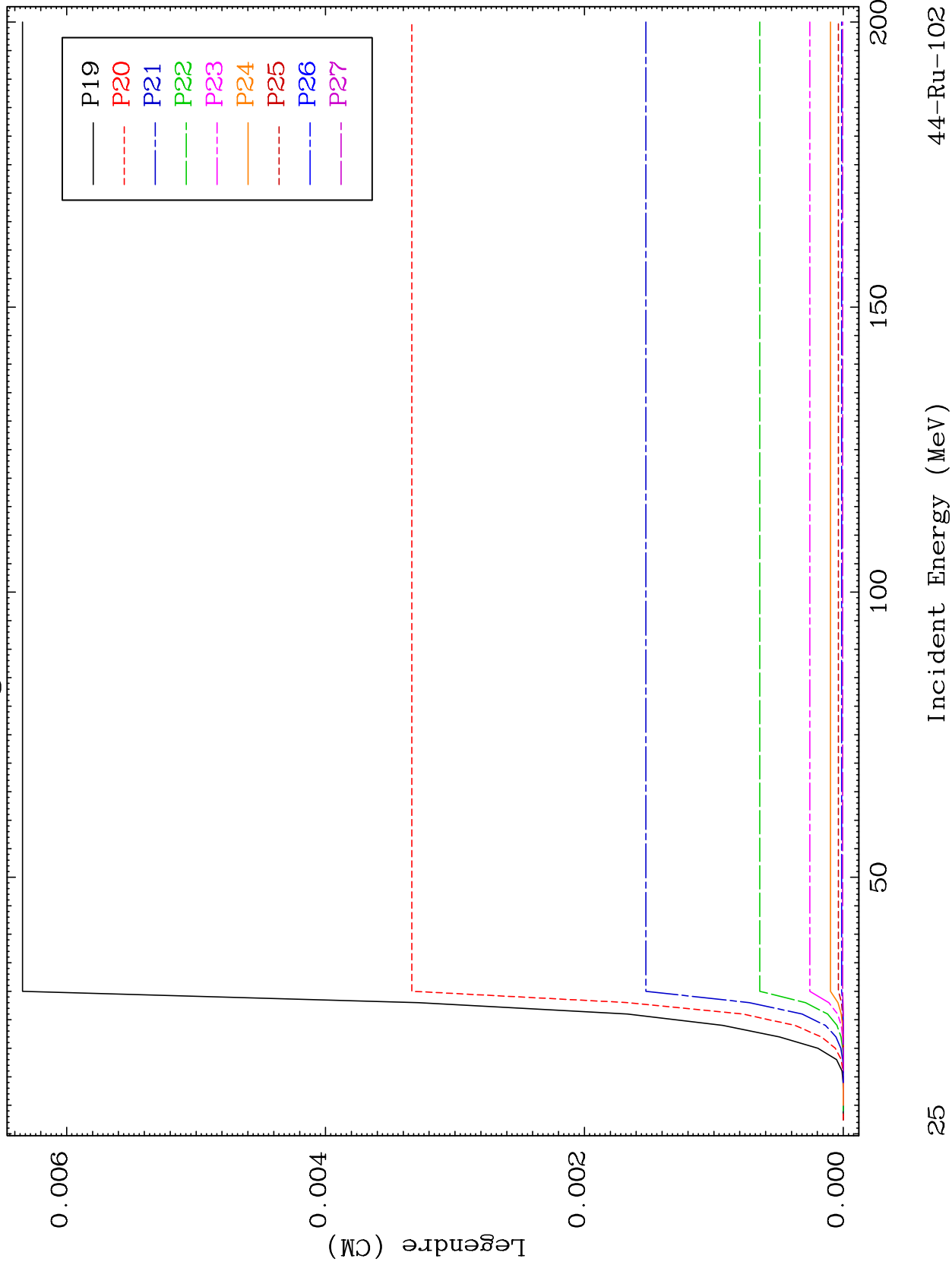
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



25

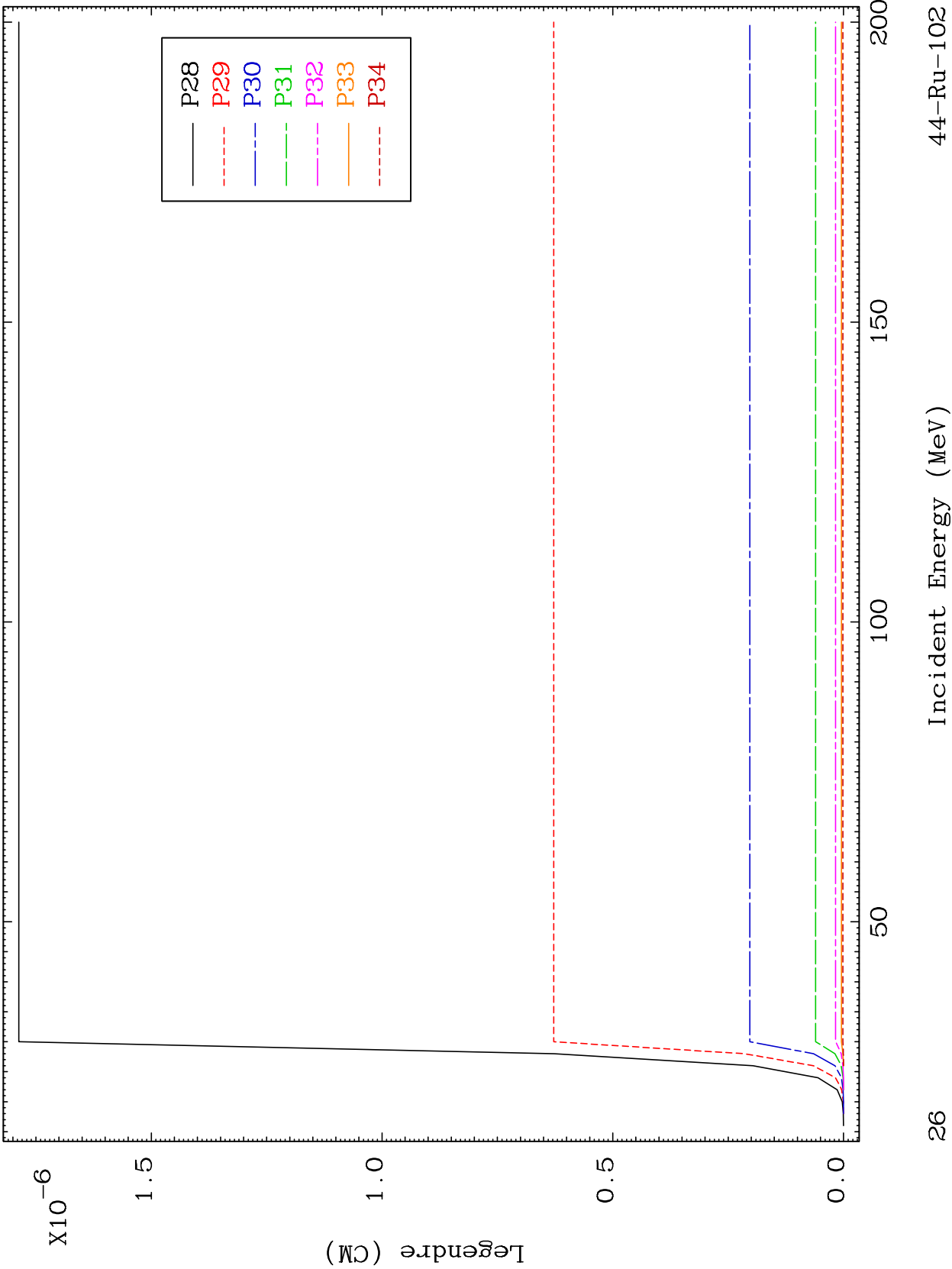
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



26

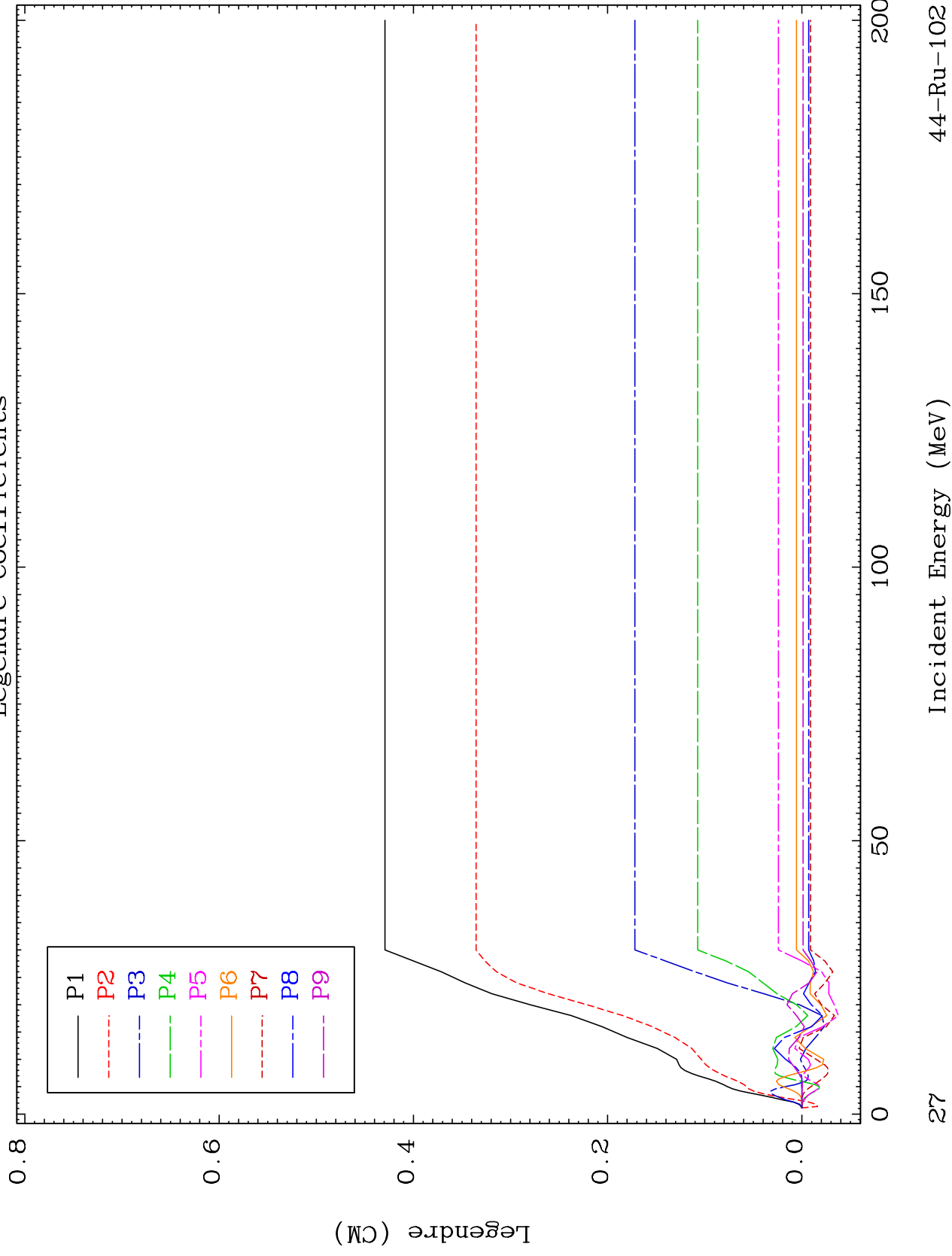
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

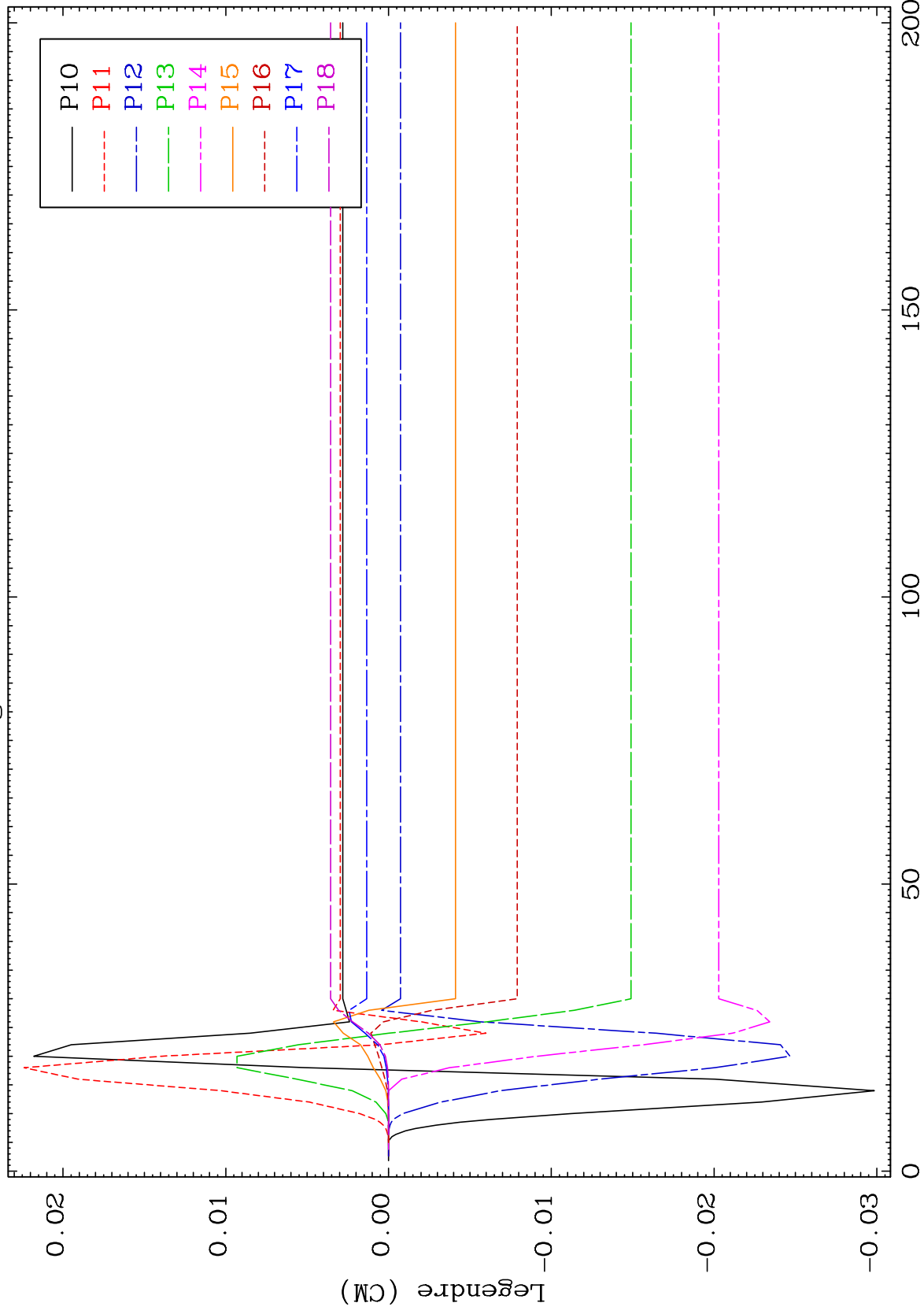
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MAT 4443

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

44-Ru-102



28

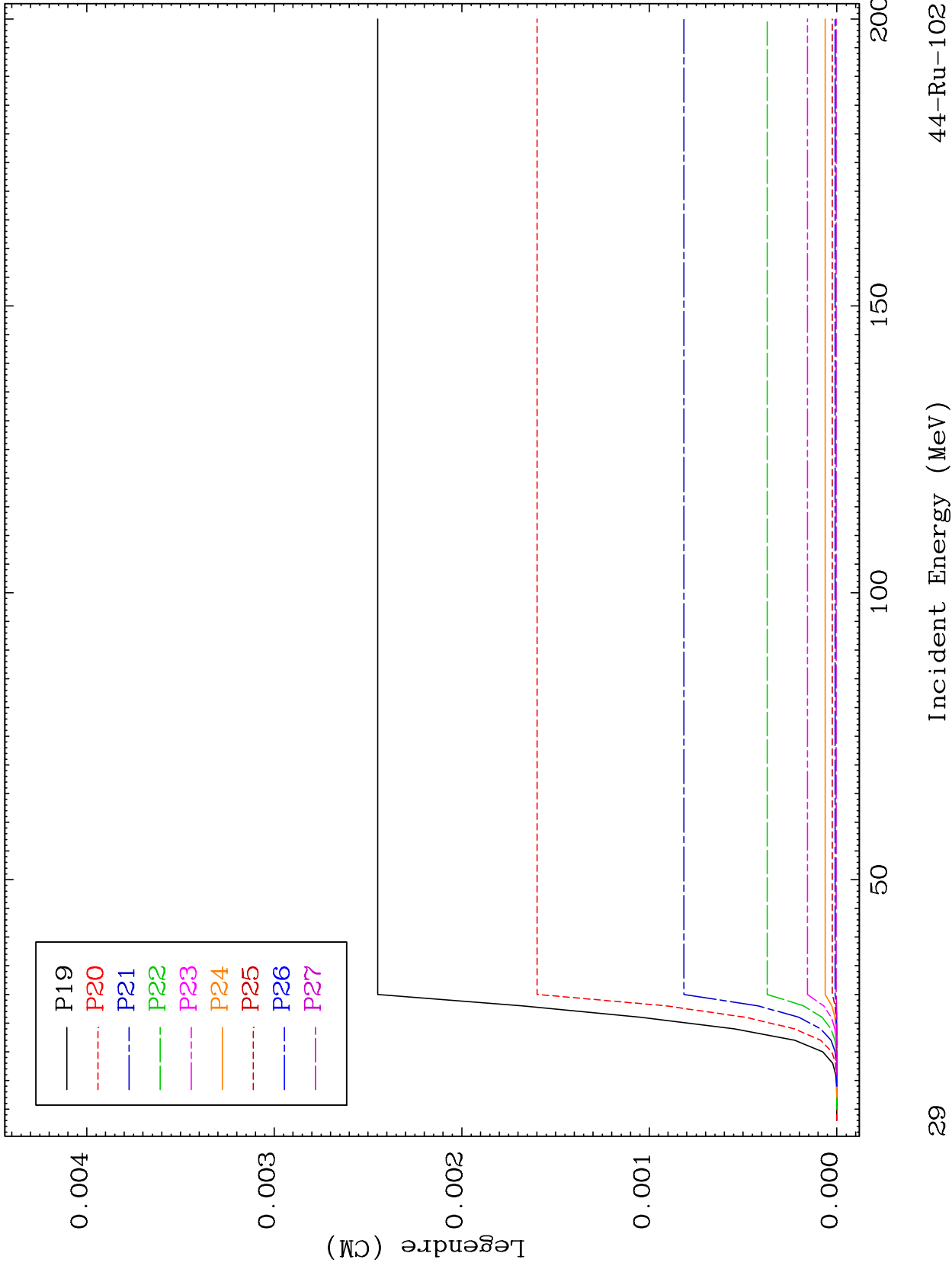
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

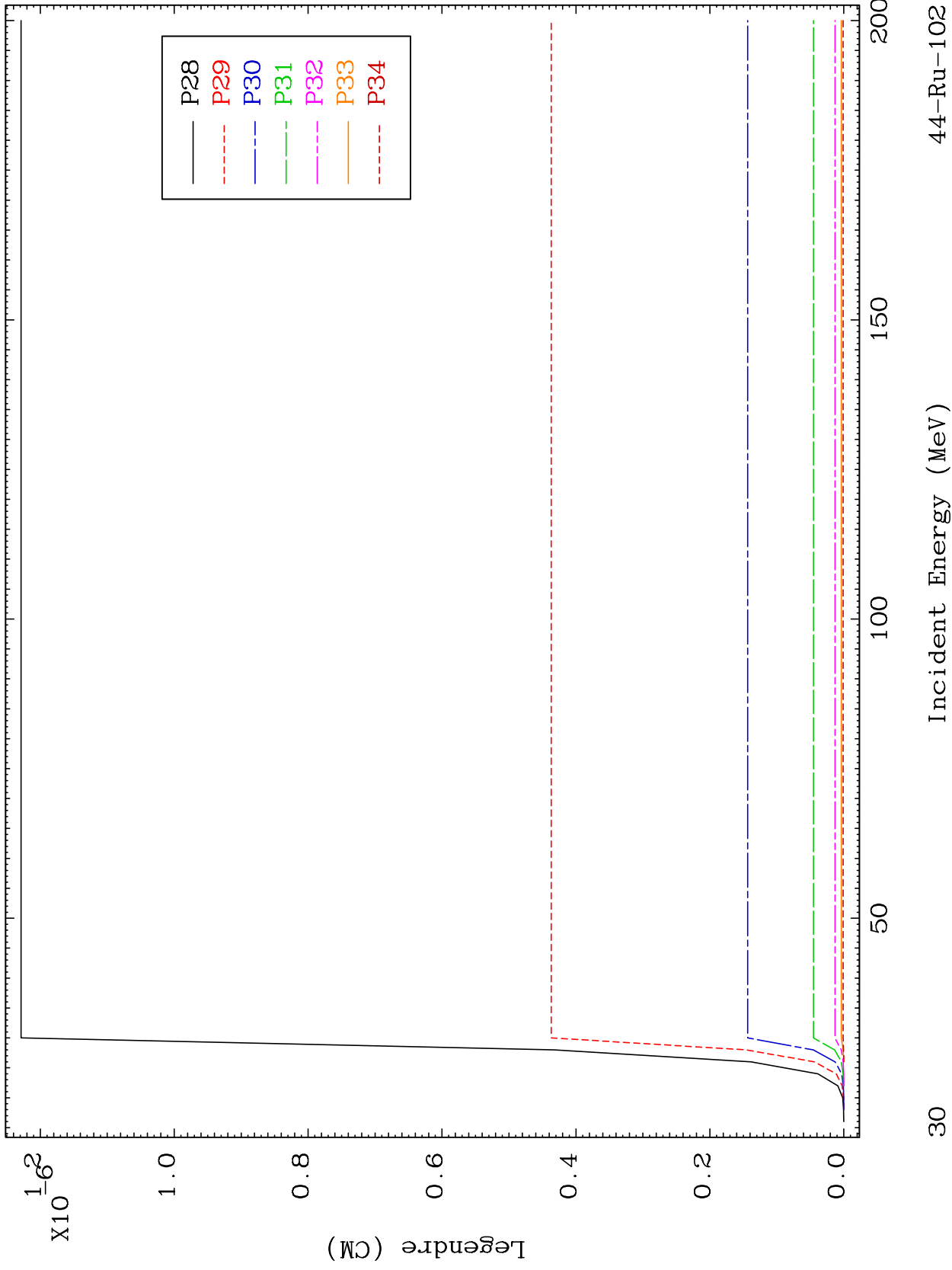
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MAT 4443

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

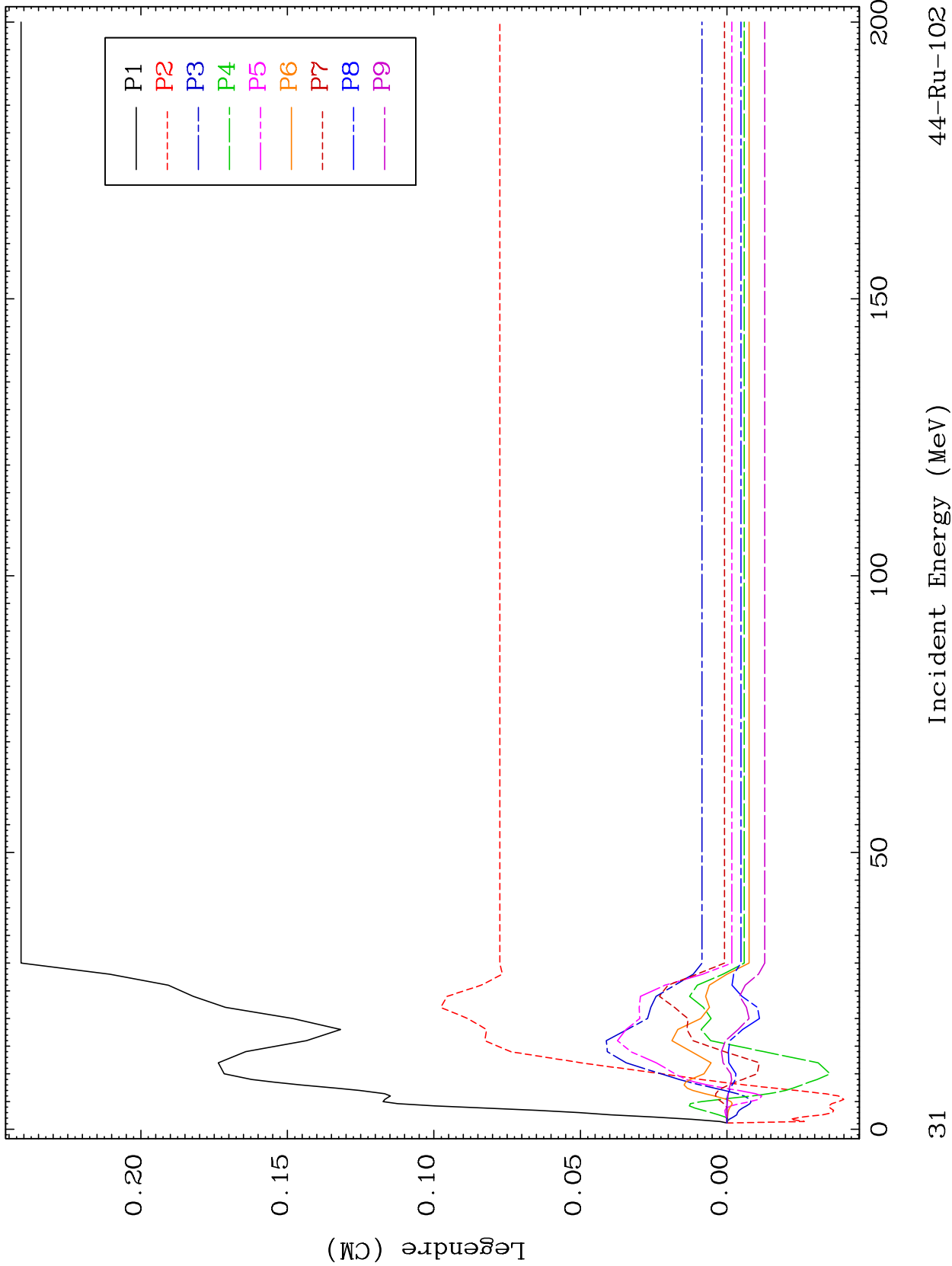
44-Ru-102



MAT 4443

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

44-Ru-102



31

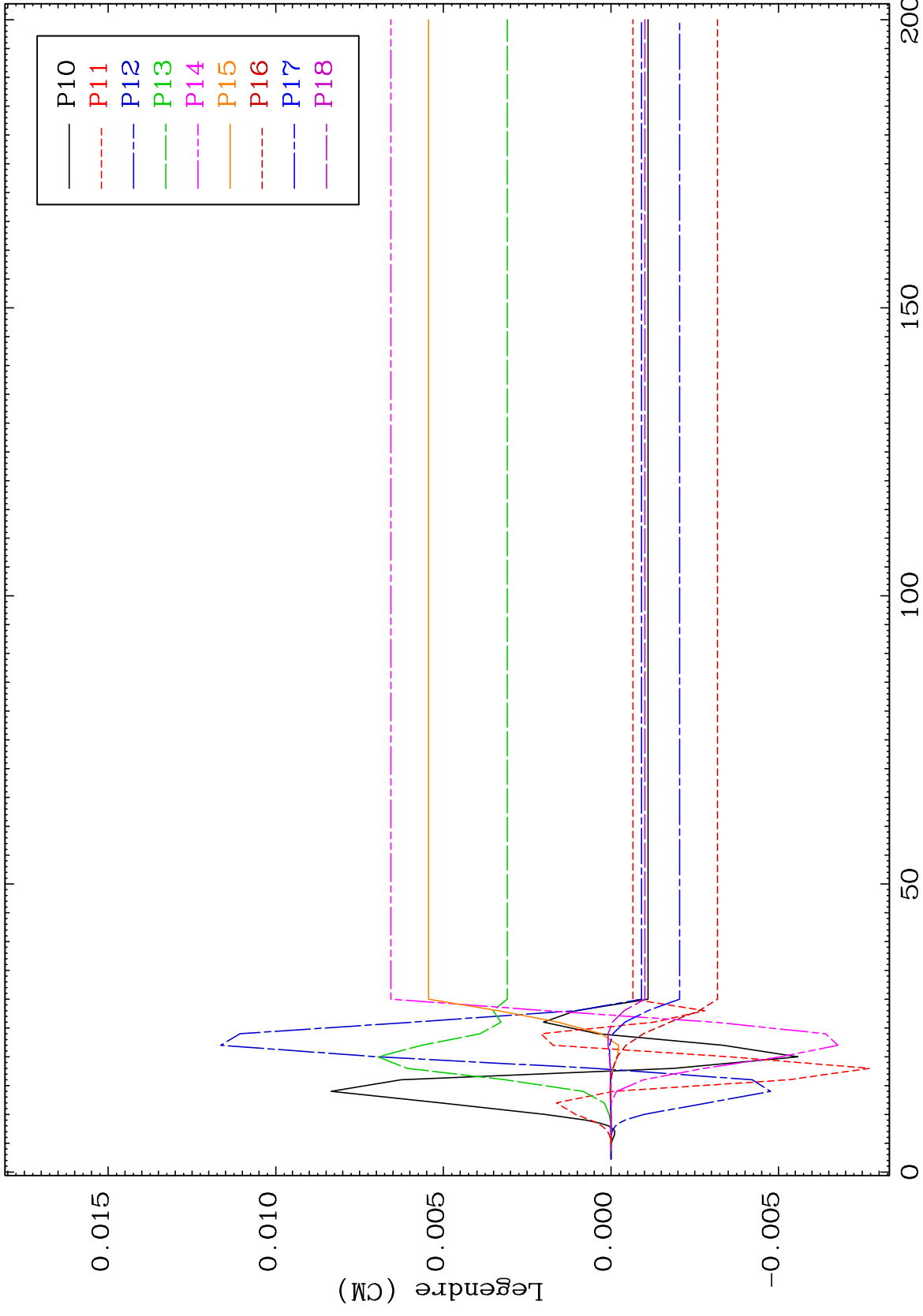
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



32

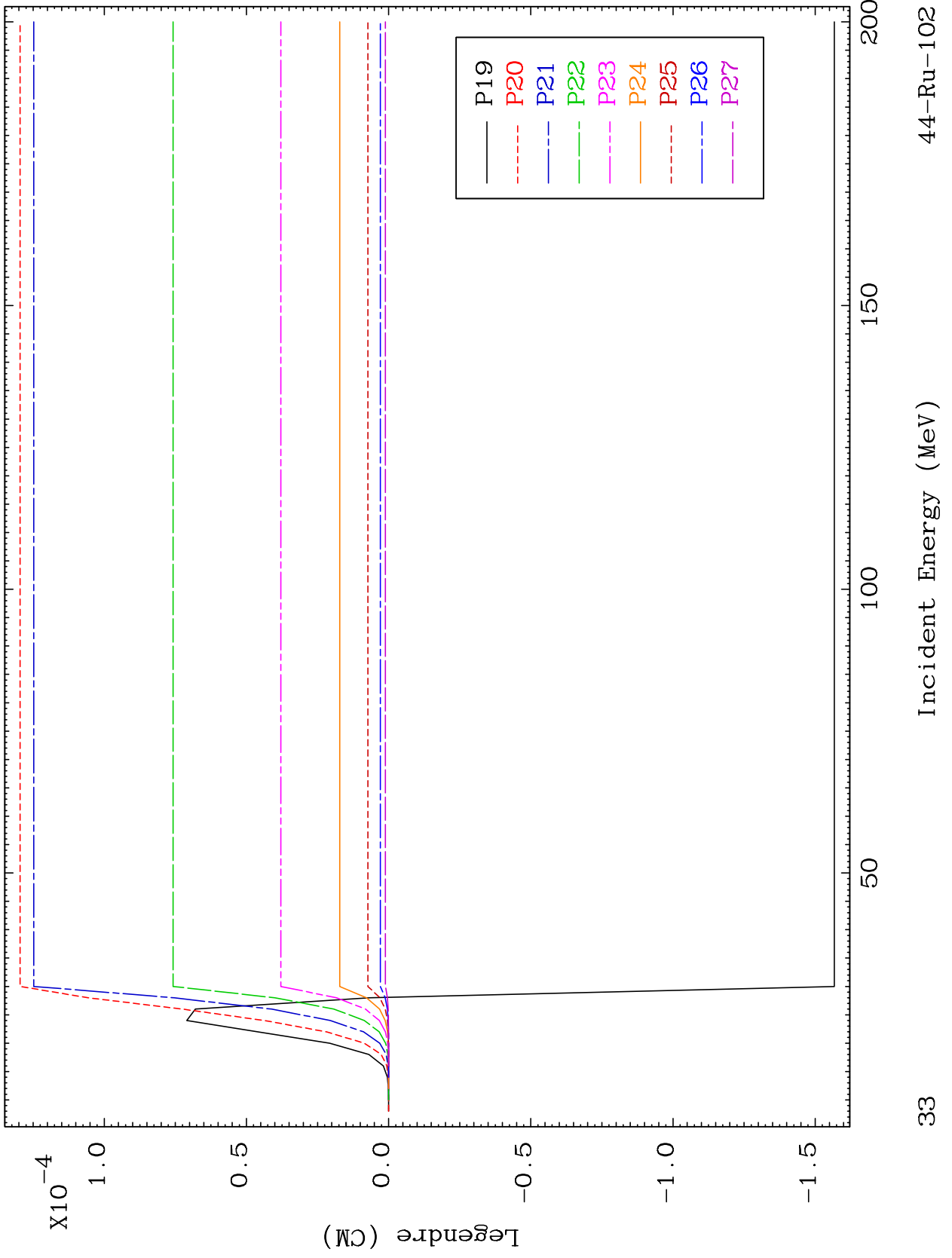
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

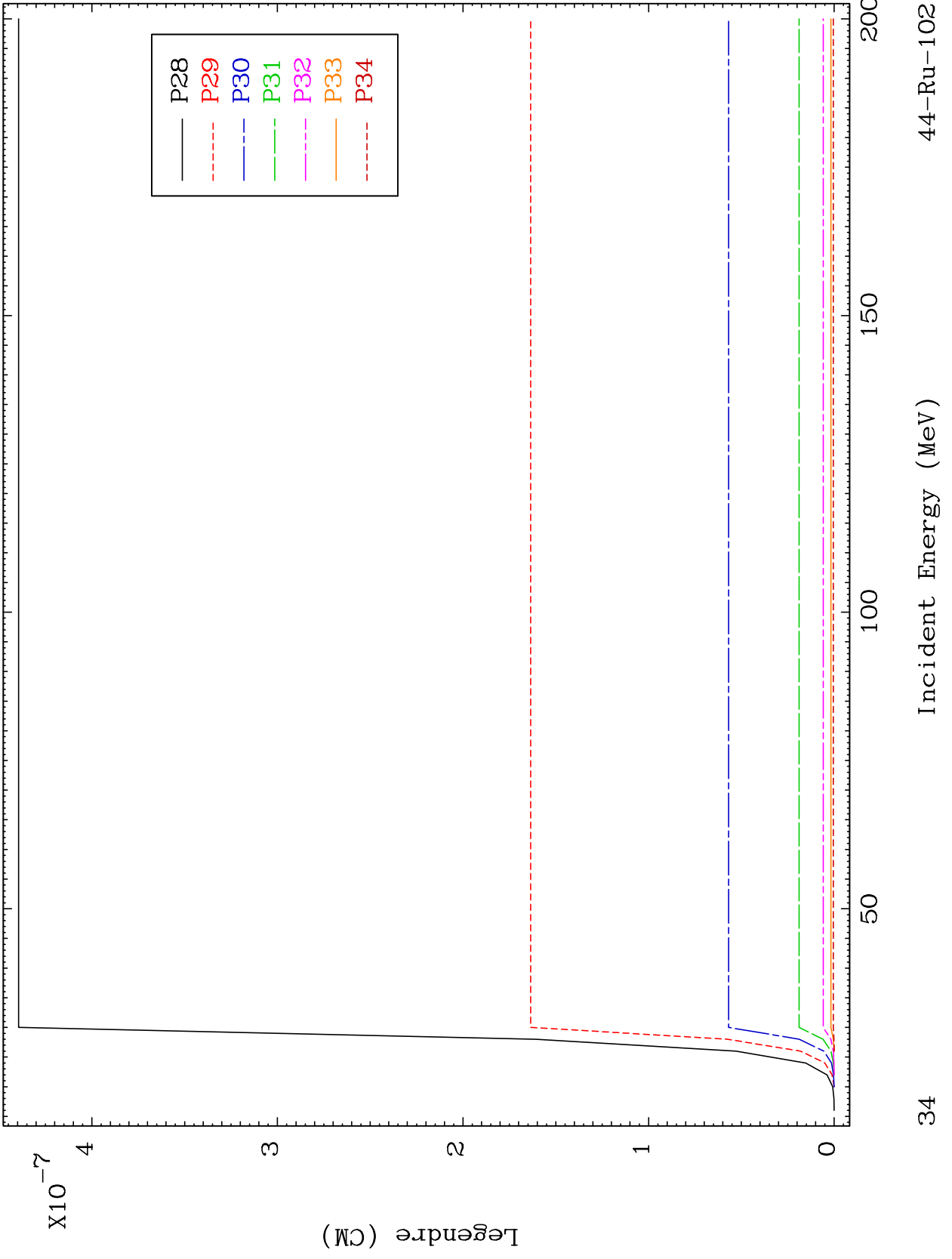
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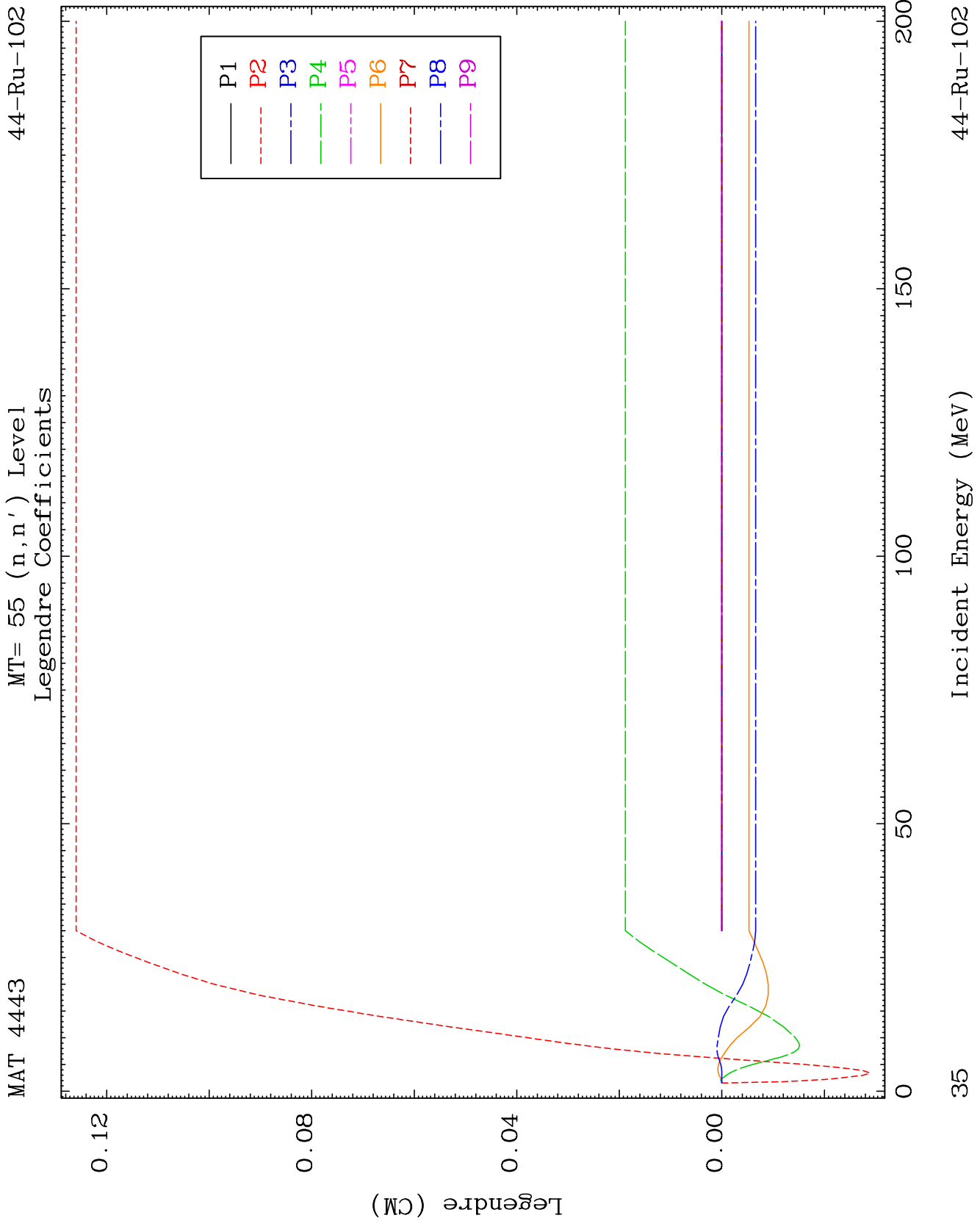


MAT 4443

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

44-Ru-102

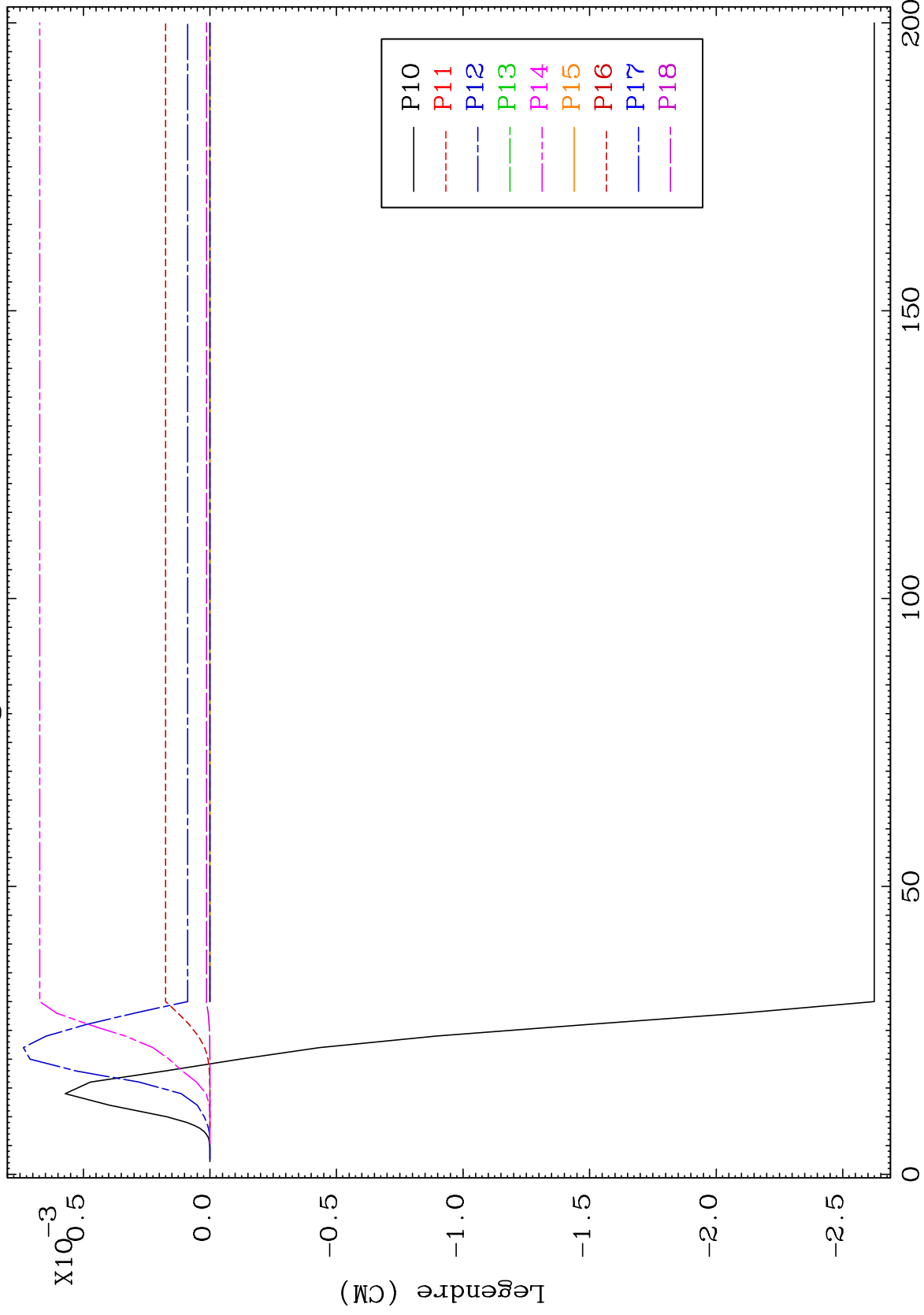




MAT 4443

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

44-Ru-102



36

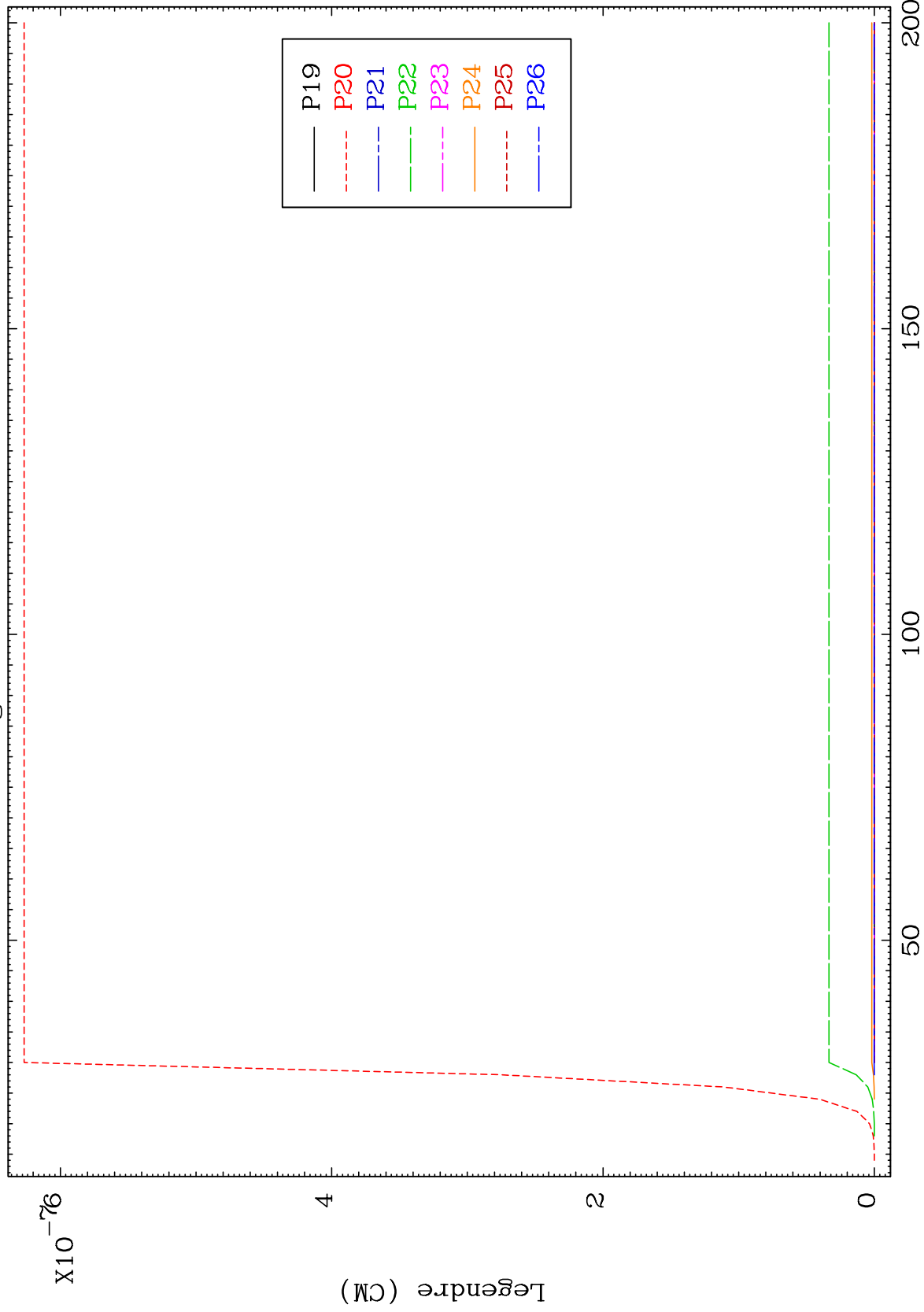
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



37

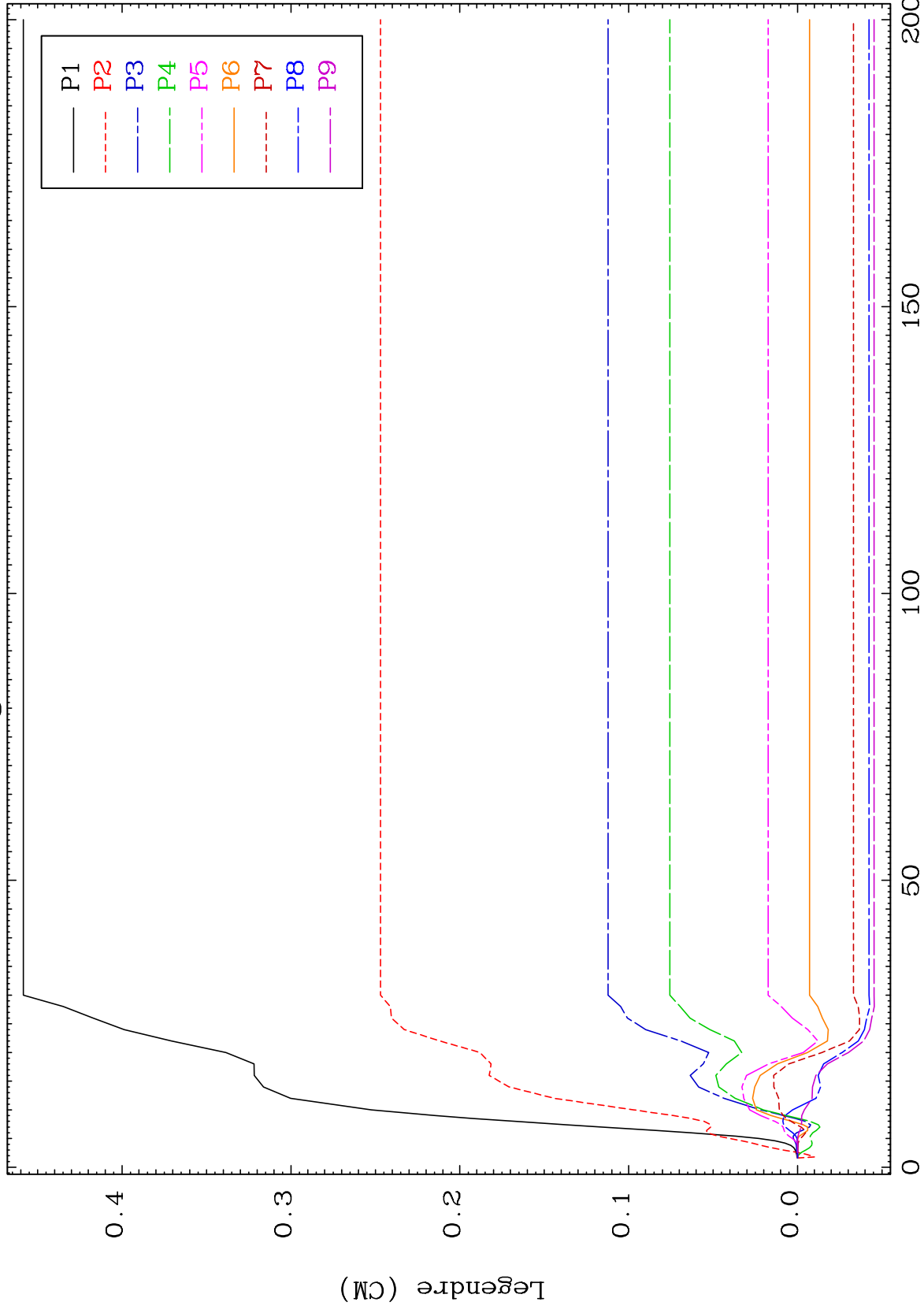
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



44-Ru-102

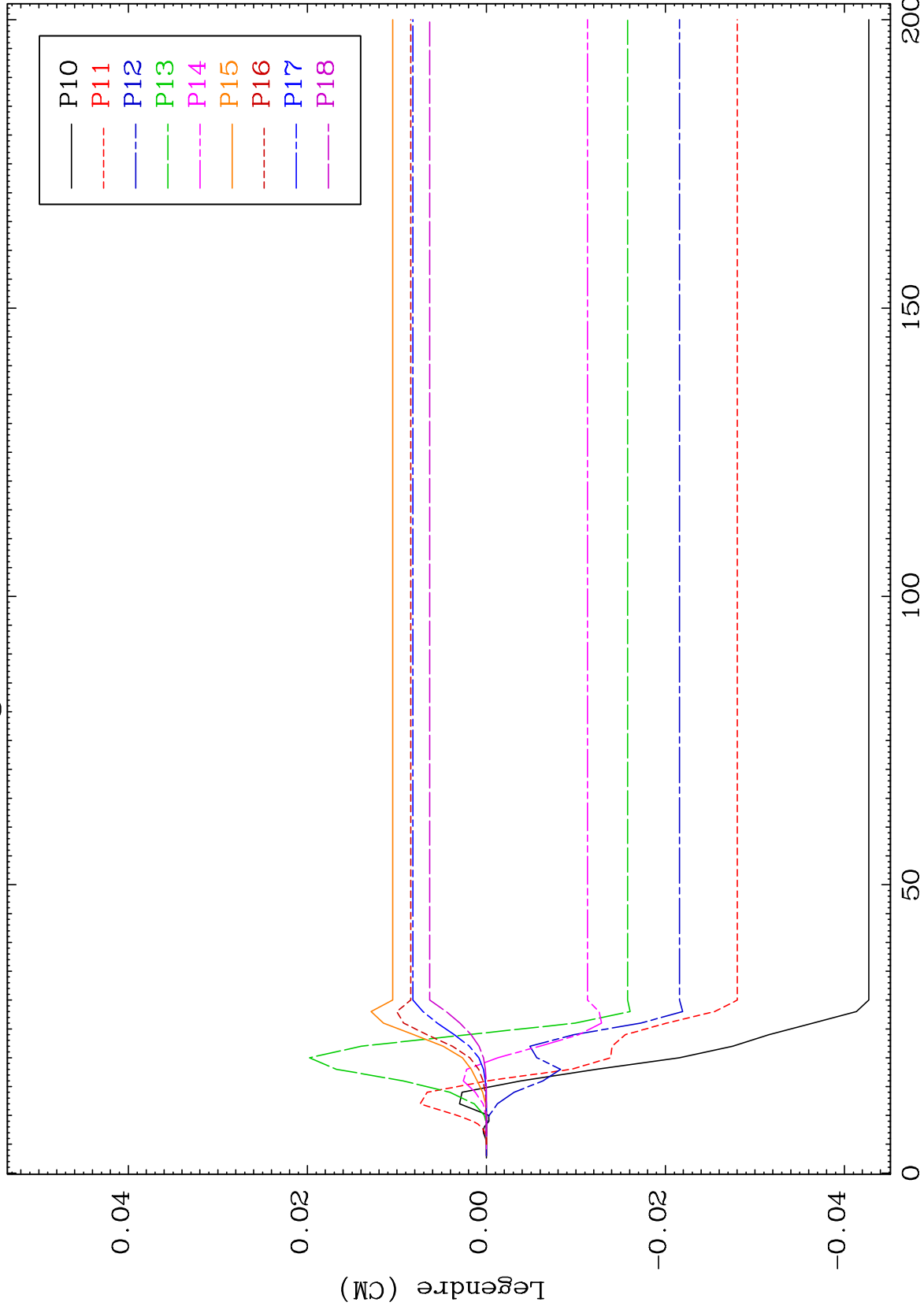
Incident Energy (MeV)

38

MAT 4443

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

44-Ru-102



39

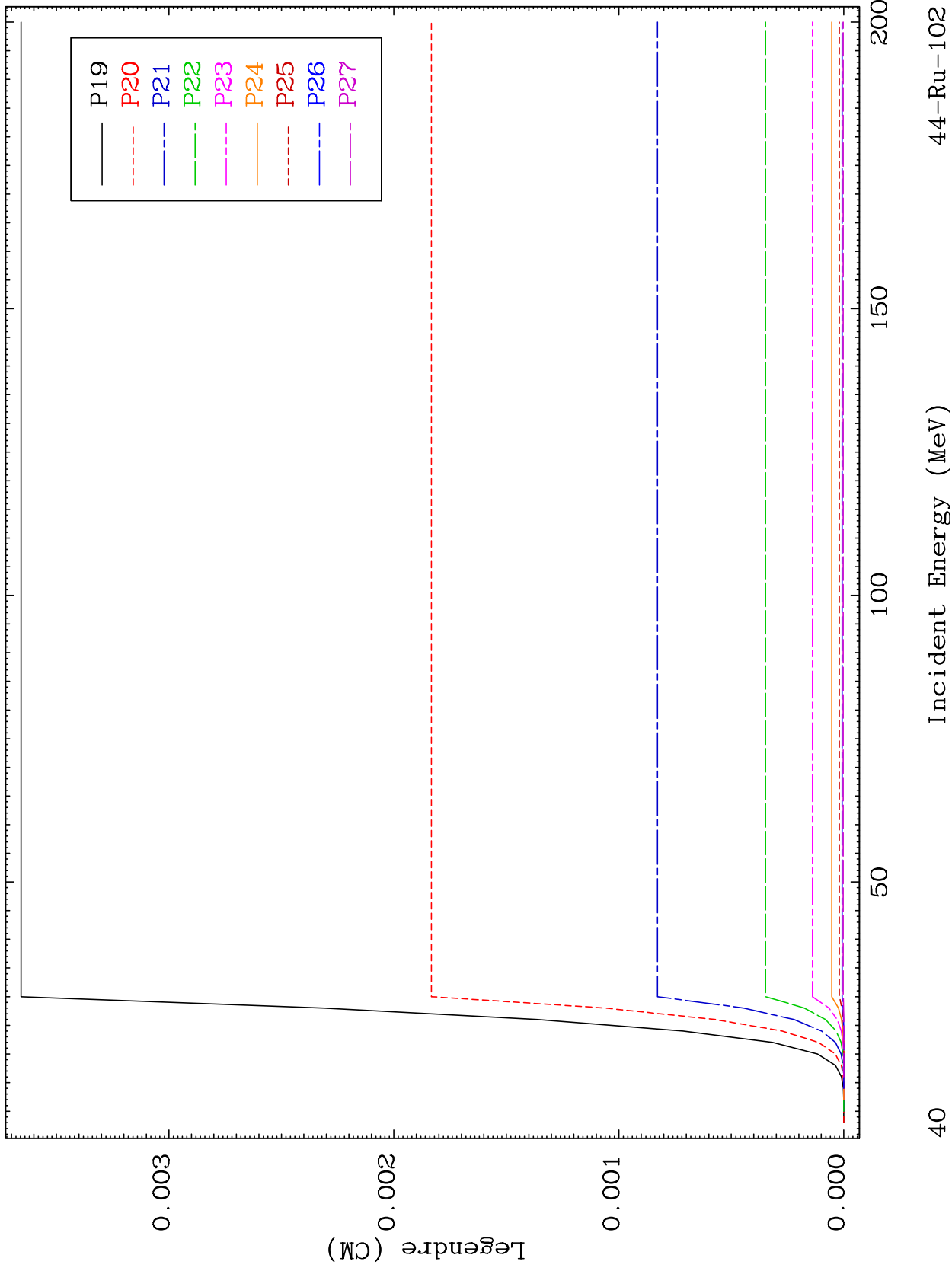
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



40

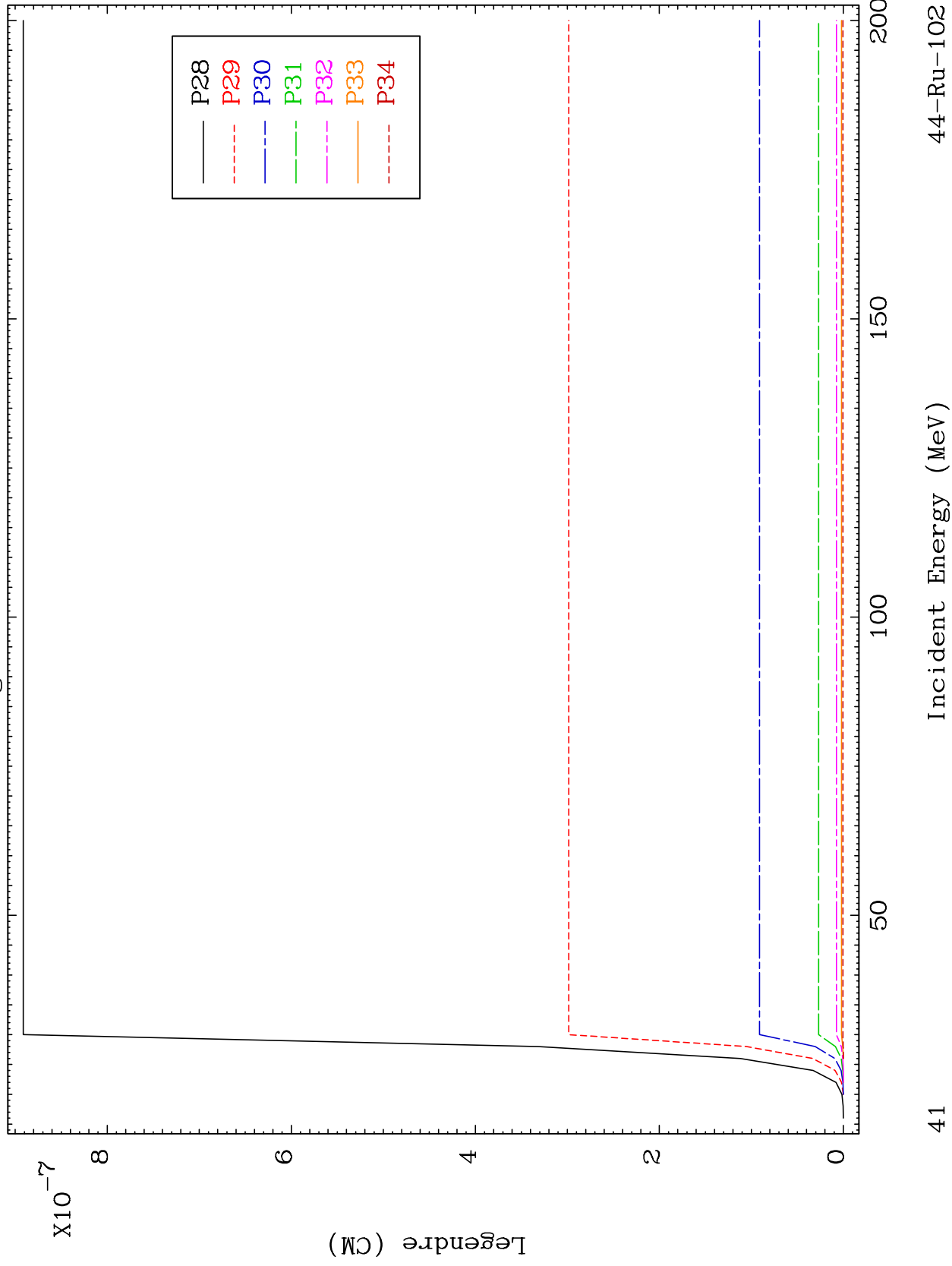
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

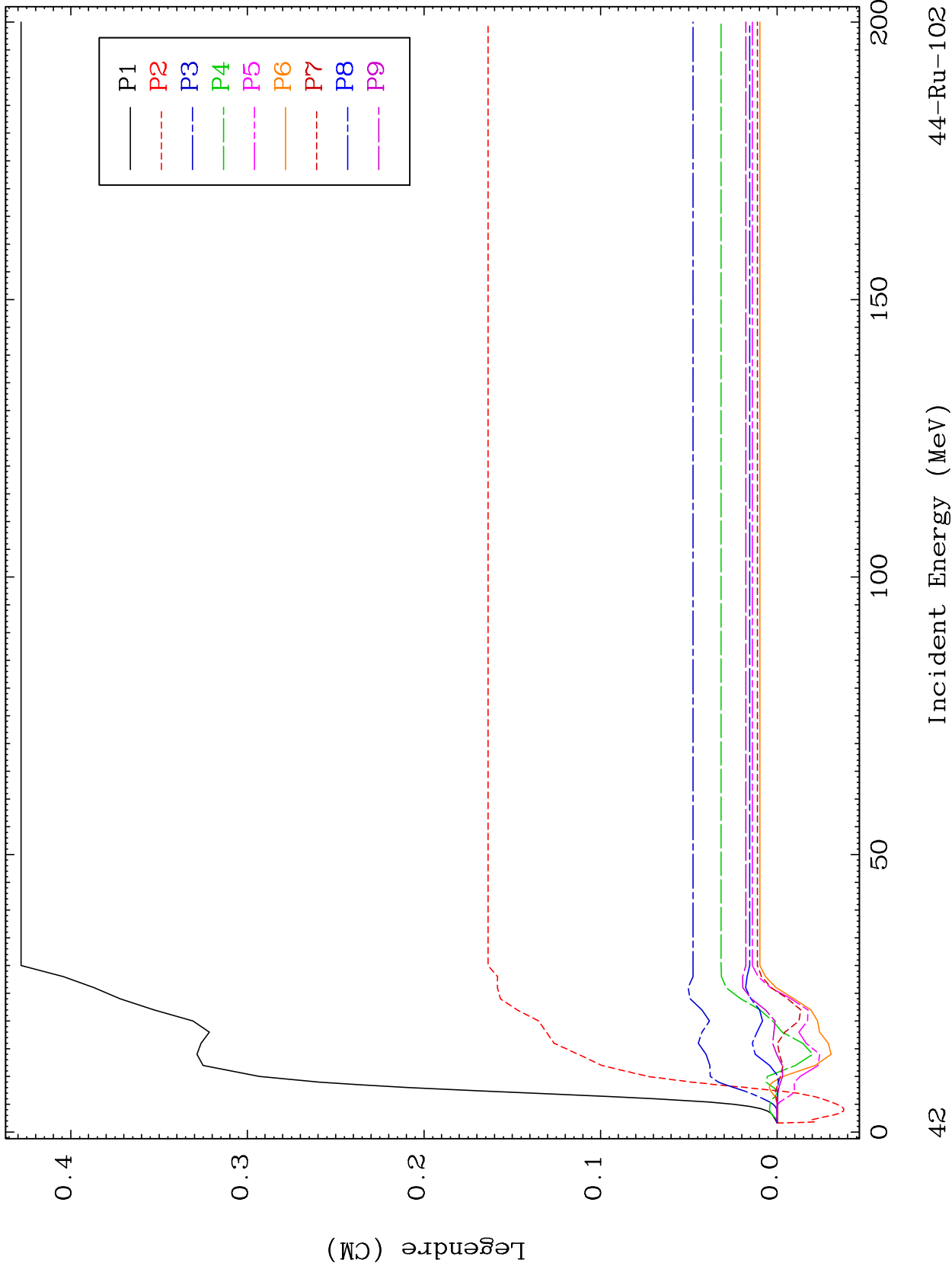
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MAT 4443

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

44-Ru-102



44-Ru-102

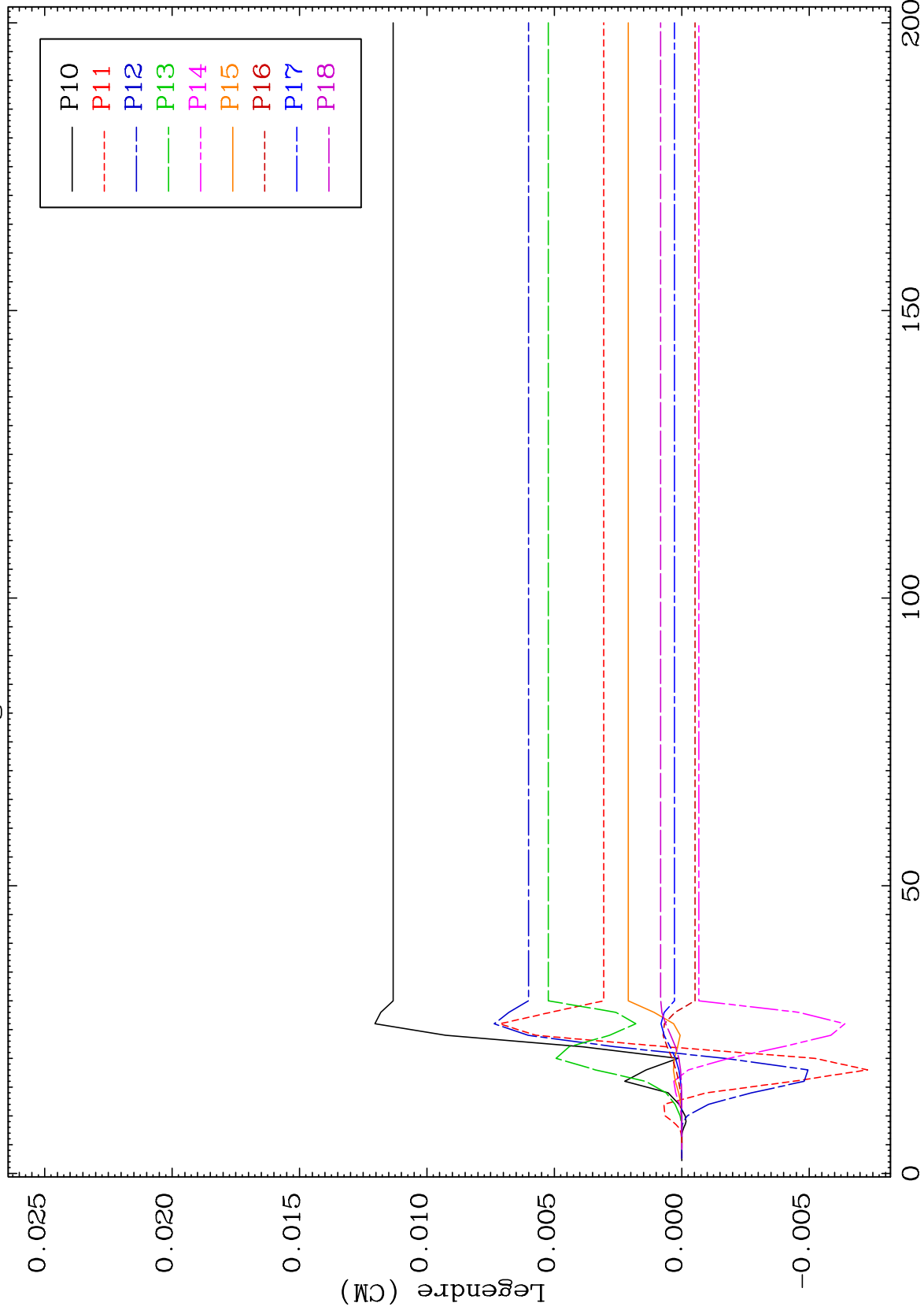
Incident Energy (MeV)

42

MAT 4443

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

44-Ru-102



43

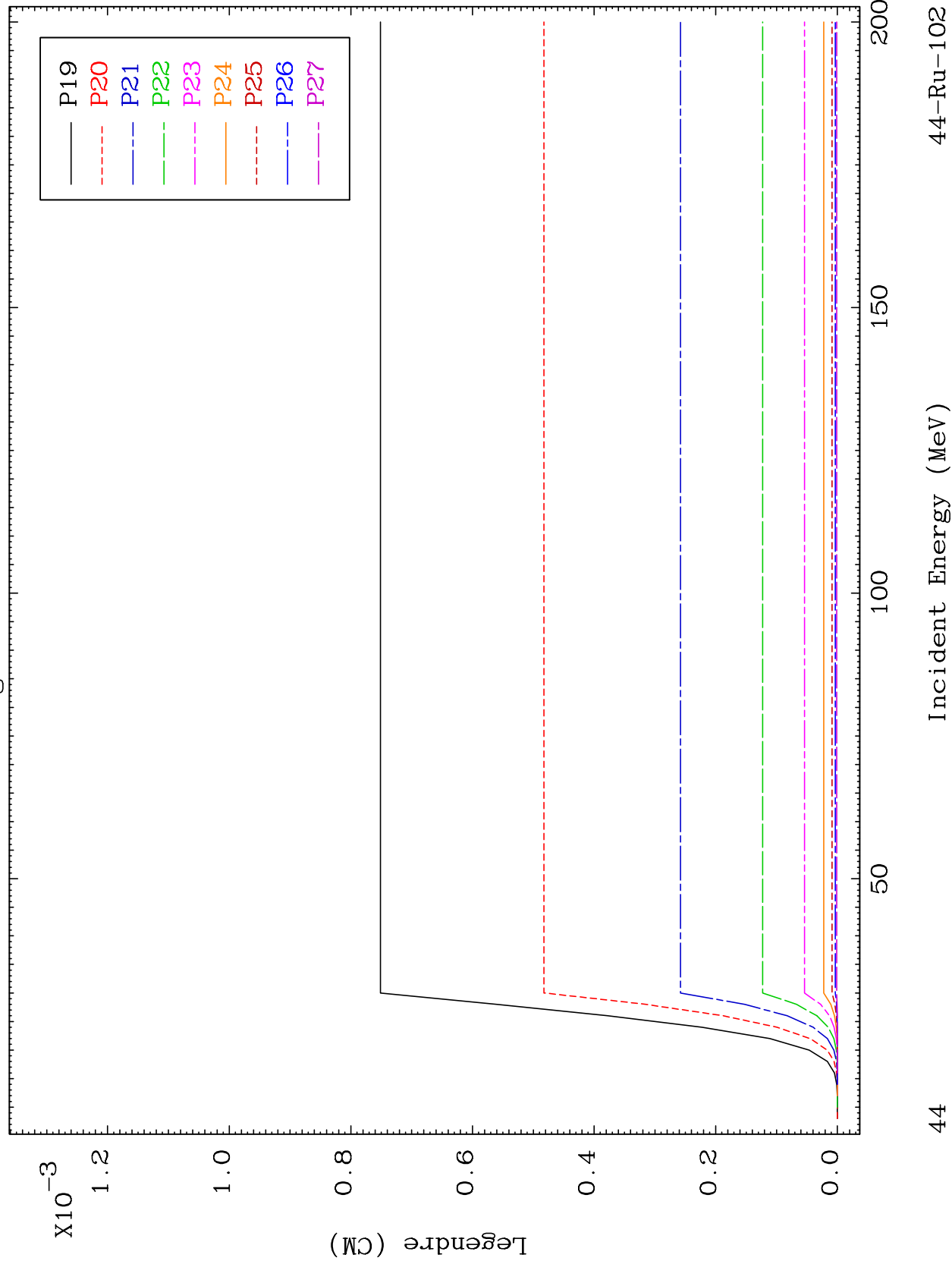
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



44

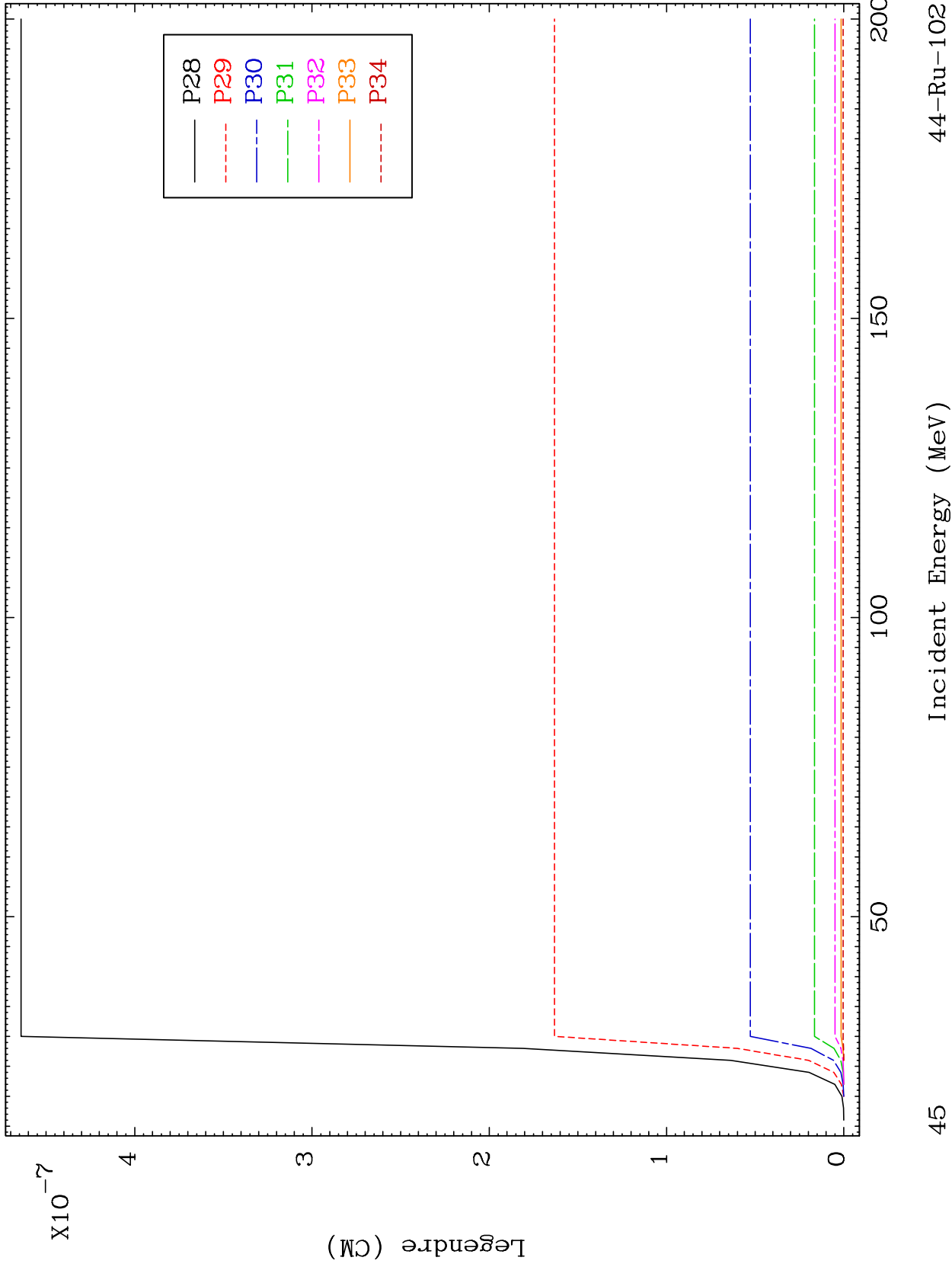
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

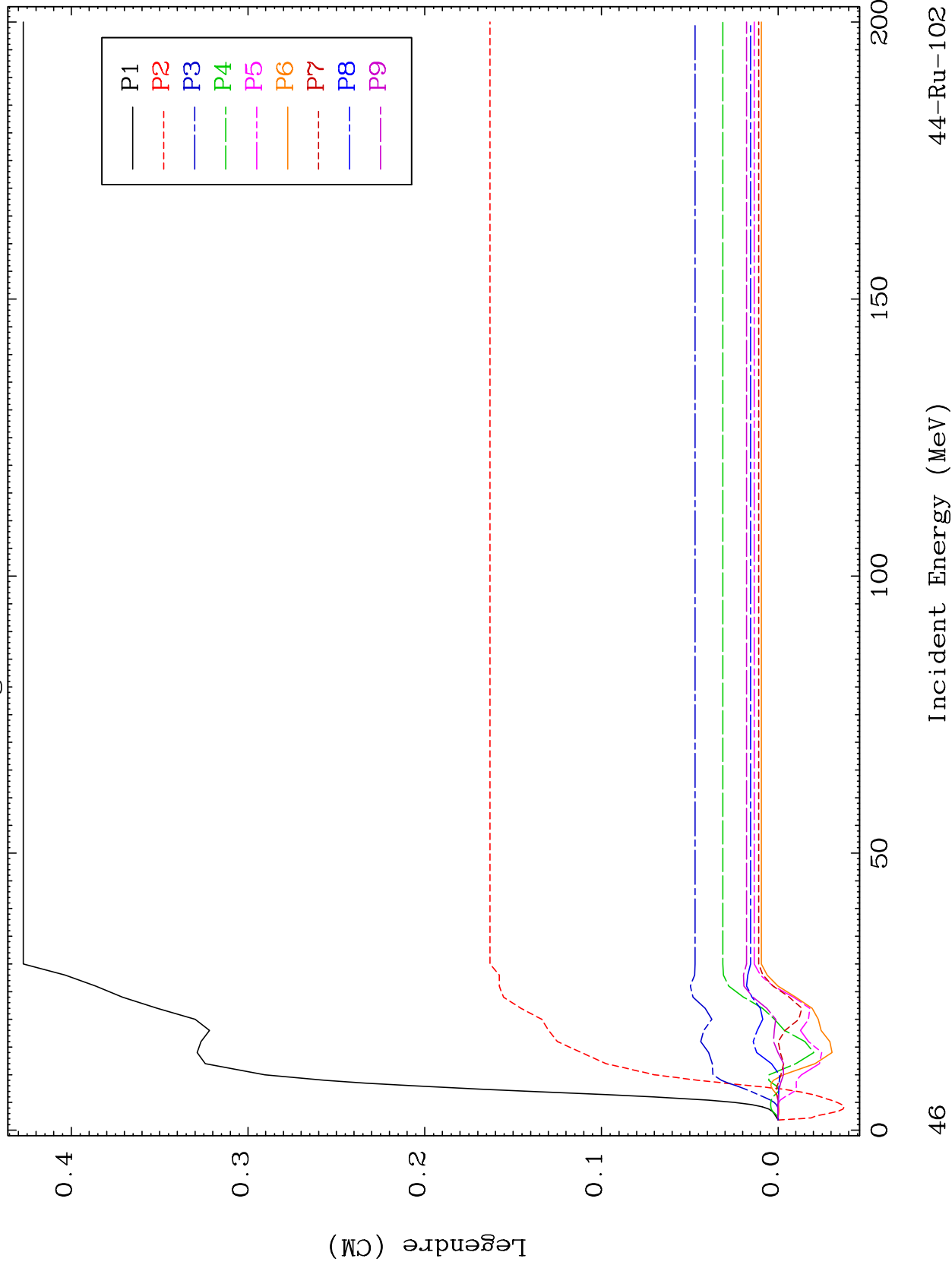
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MAT 4443

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

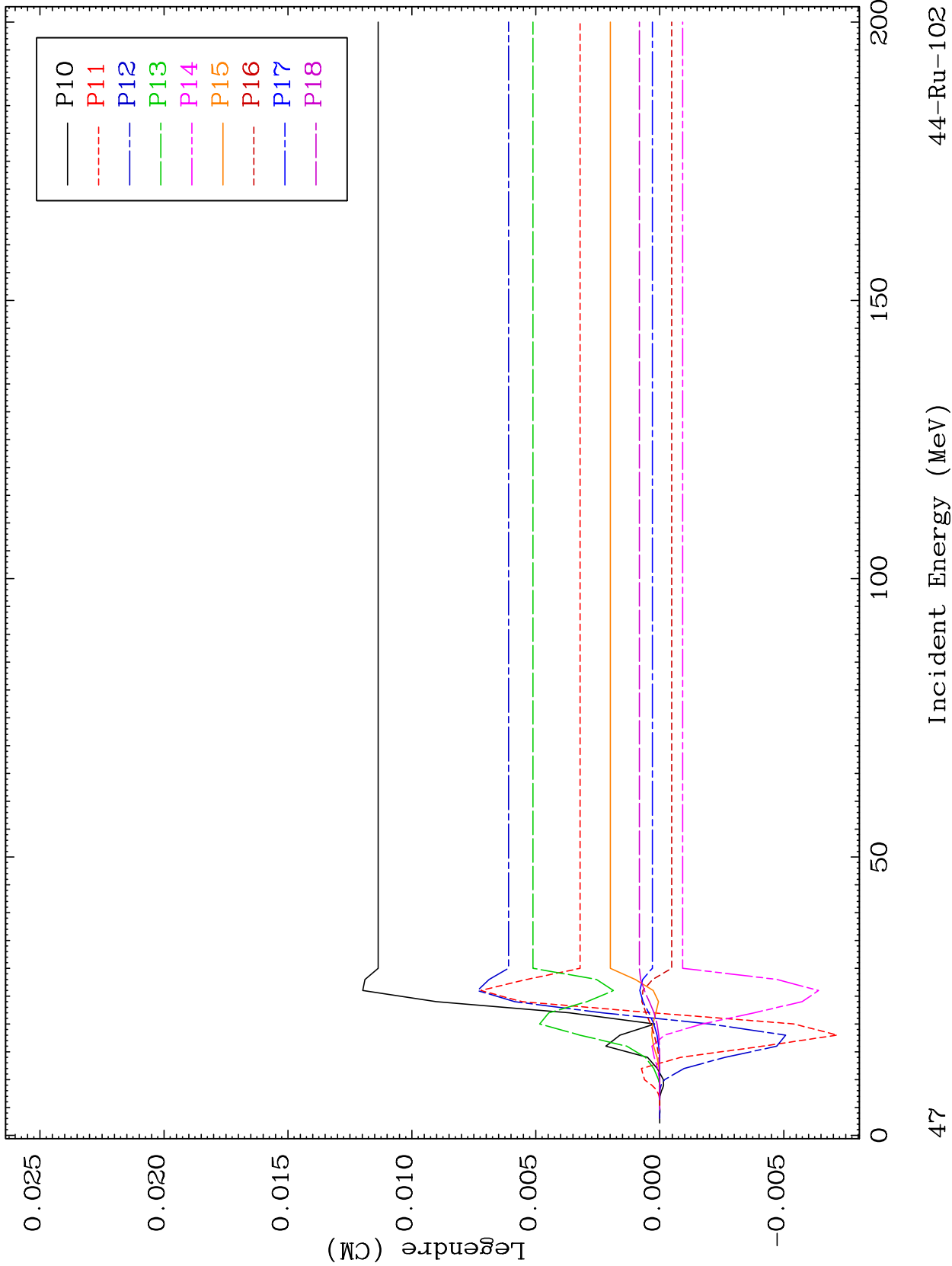
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MAT 4443

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

44-Ru-102



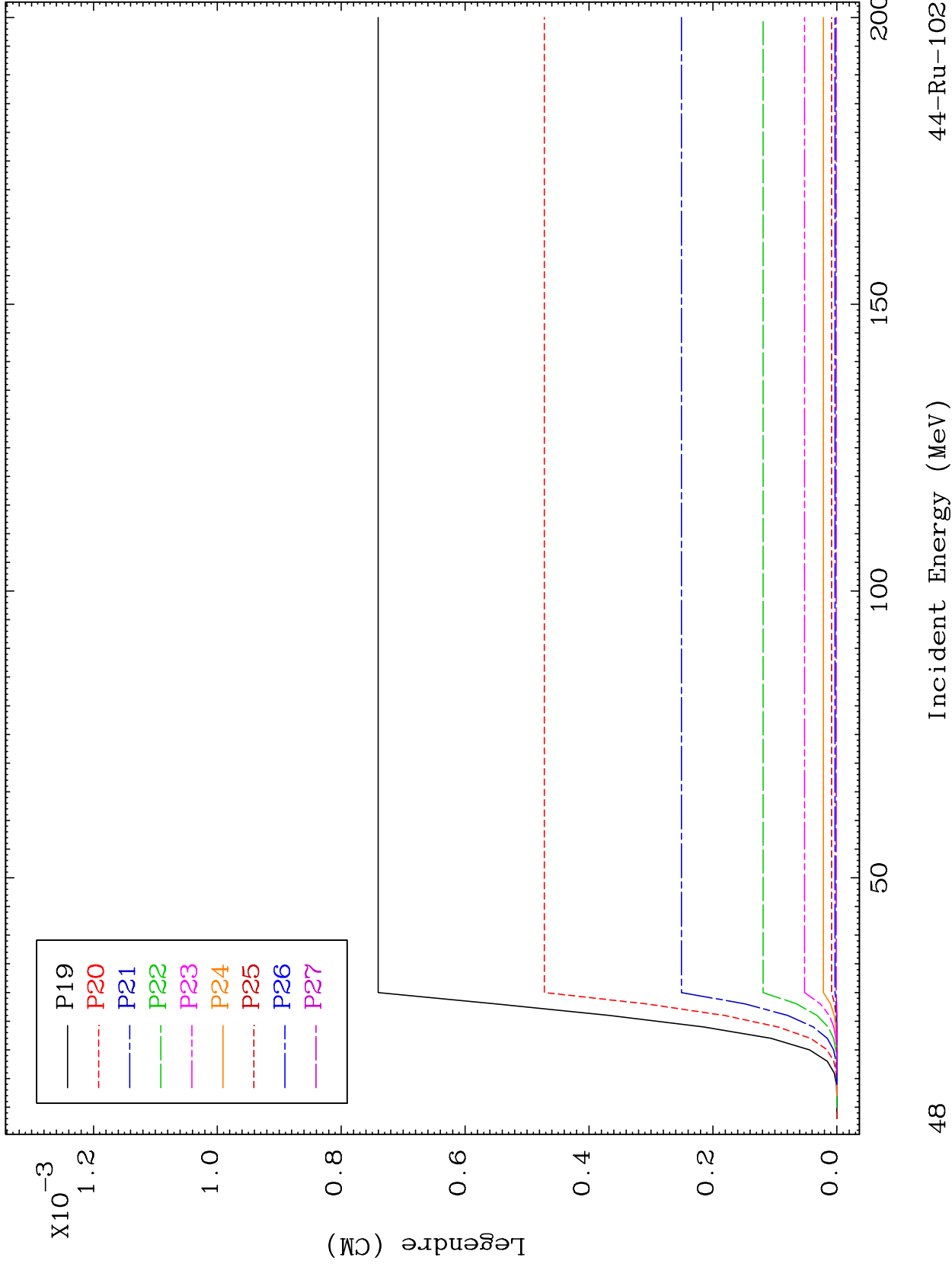
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44-Ru-102

MAT 4443

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

44-Ru-102



48

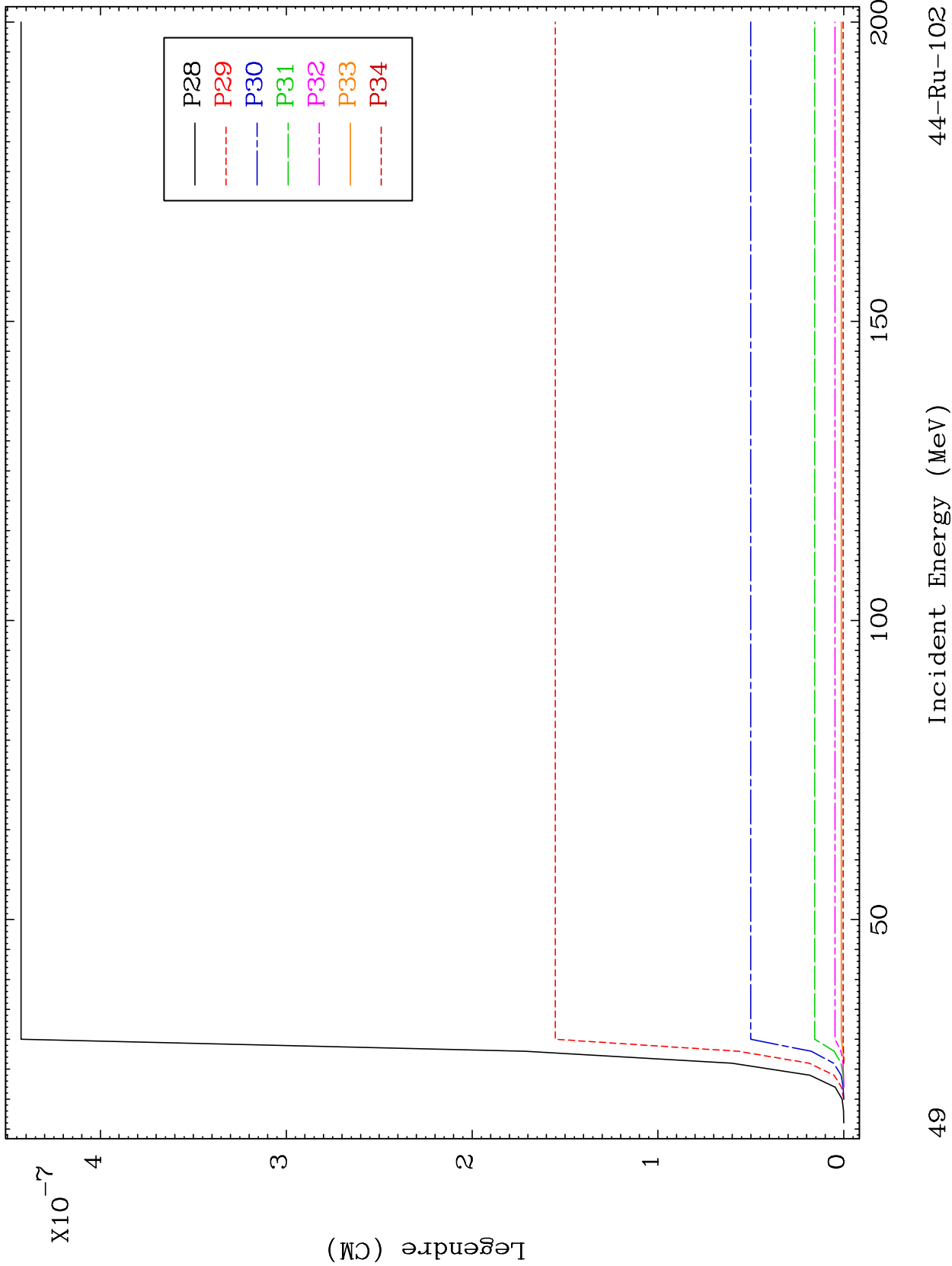
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

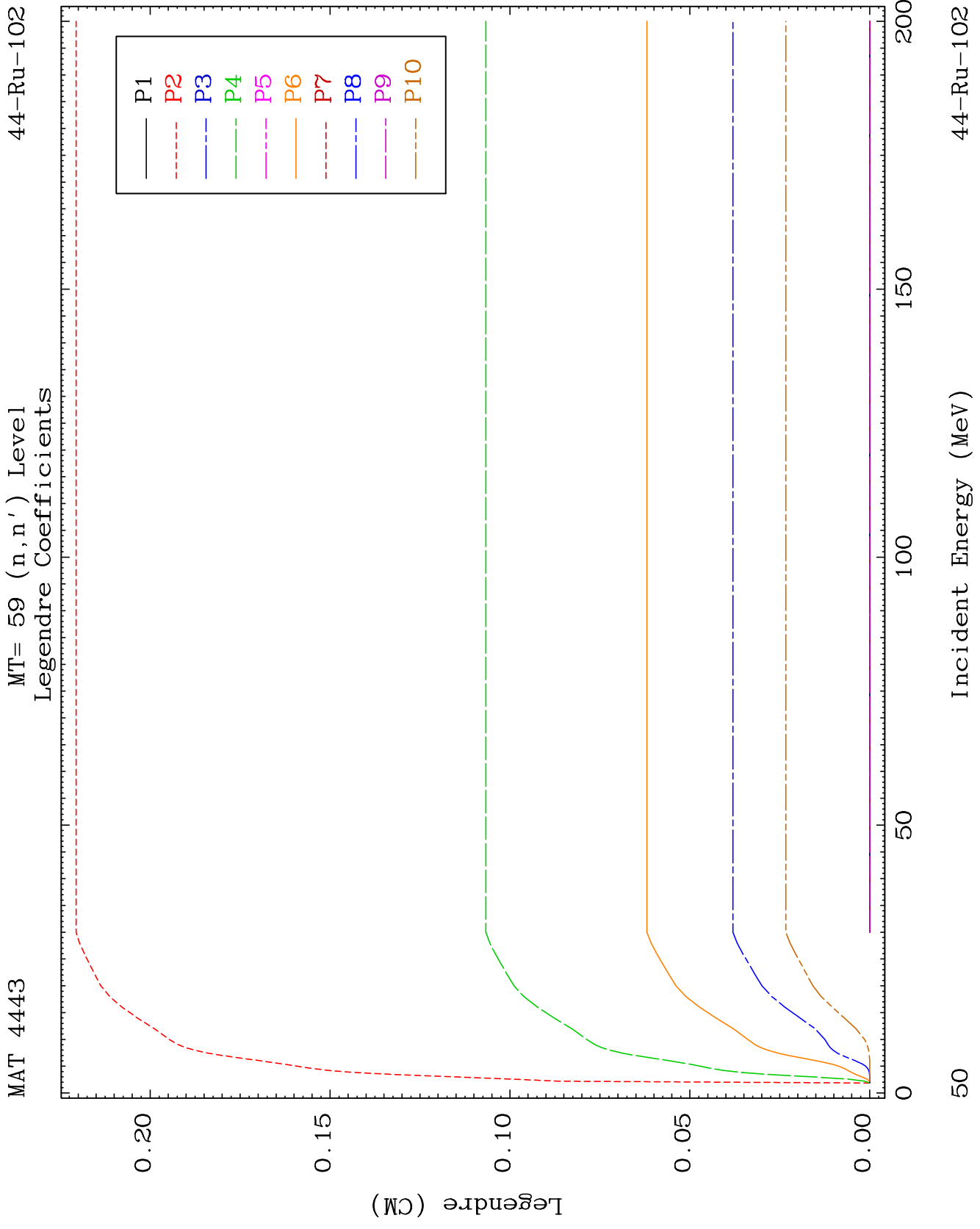
44-Ru-102



49

Incident Energy (MeV)

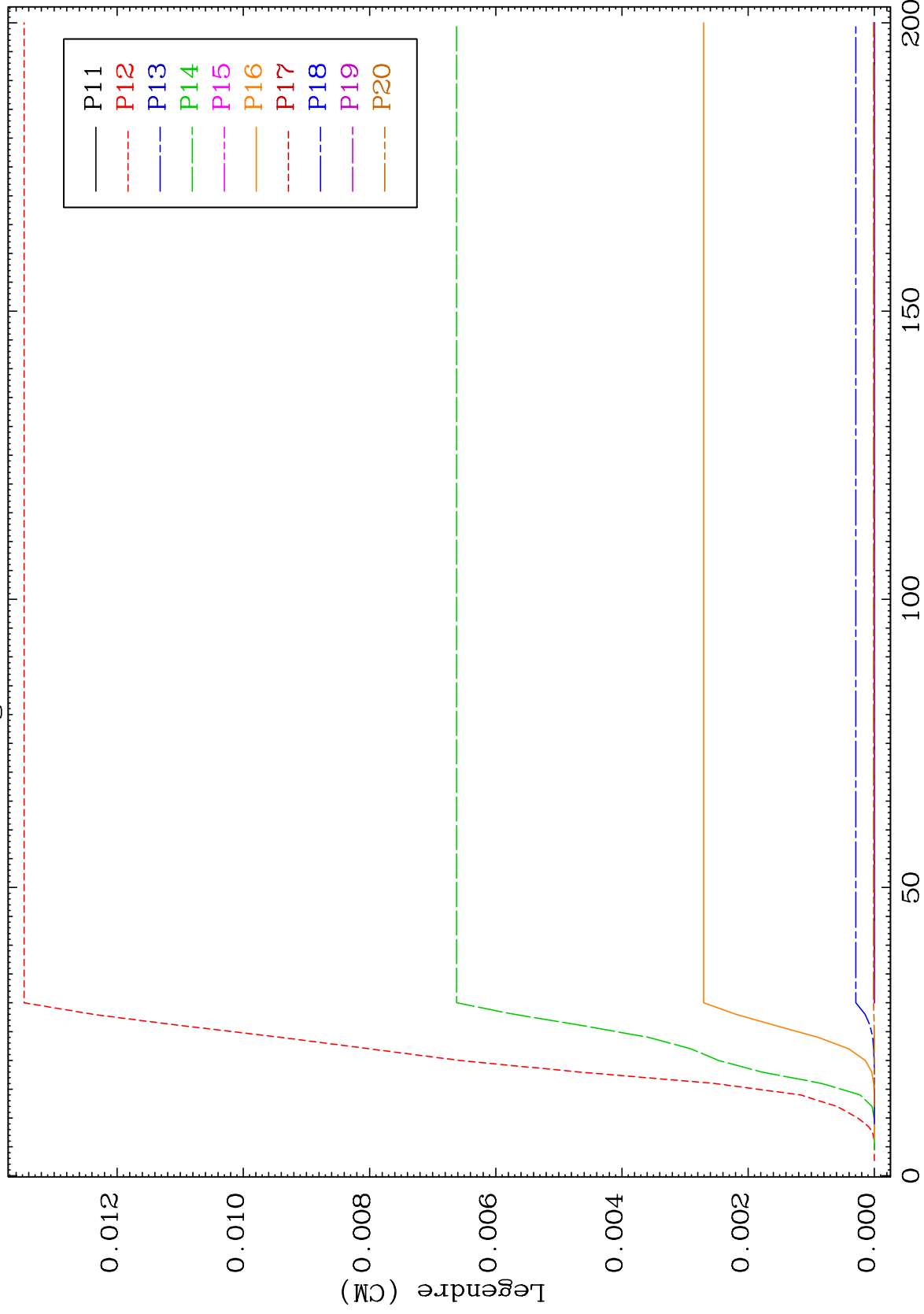
44-Ru-102



MAT 4443

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

44-Ru-102



51

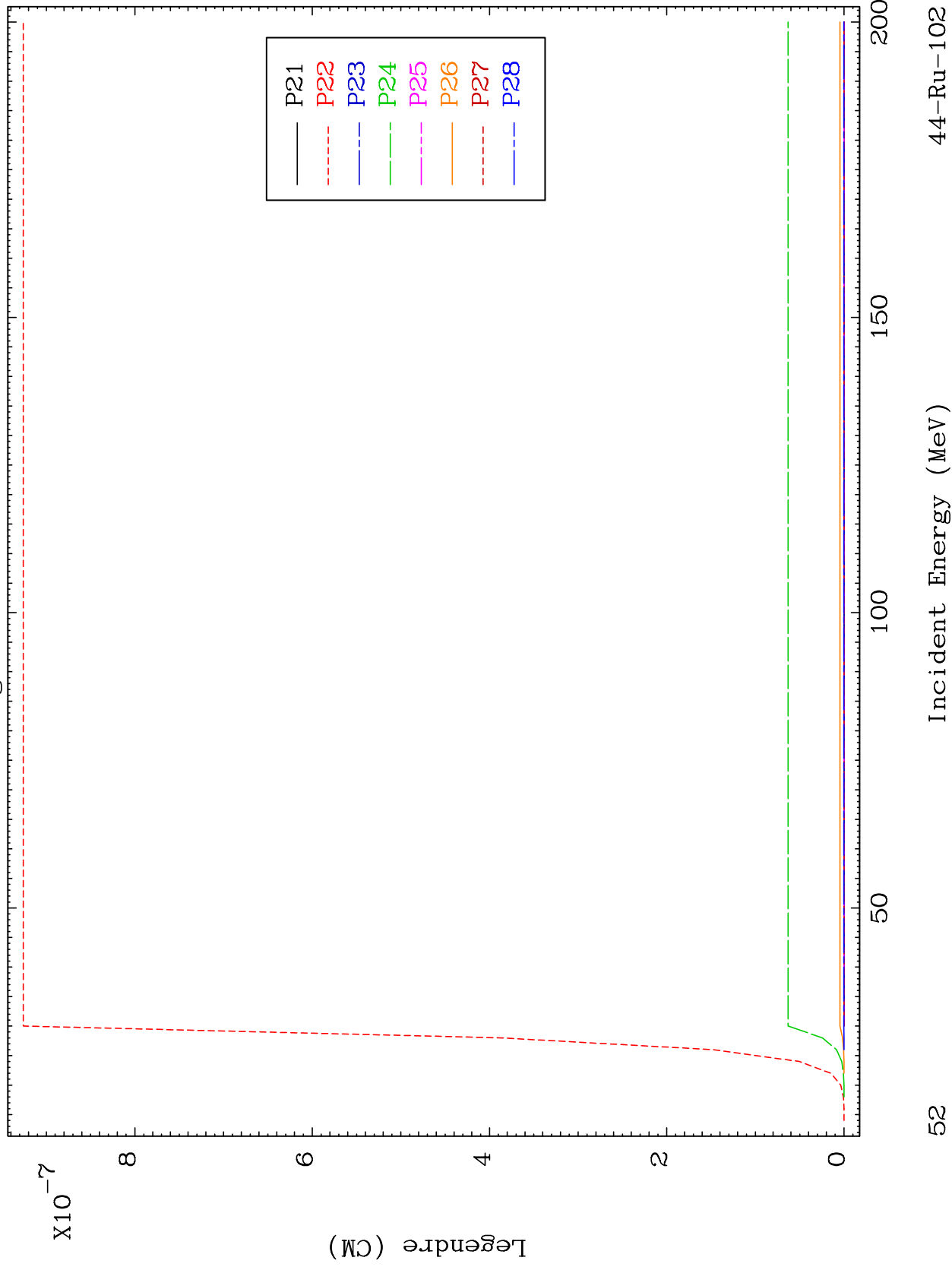
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

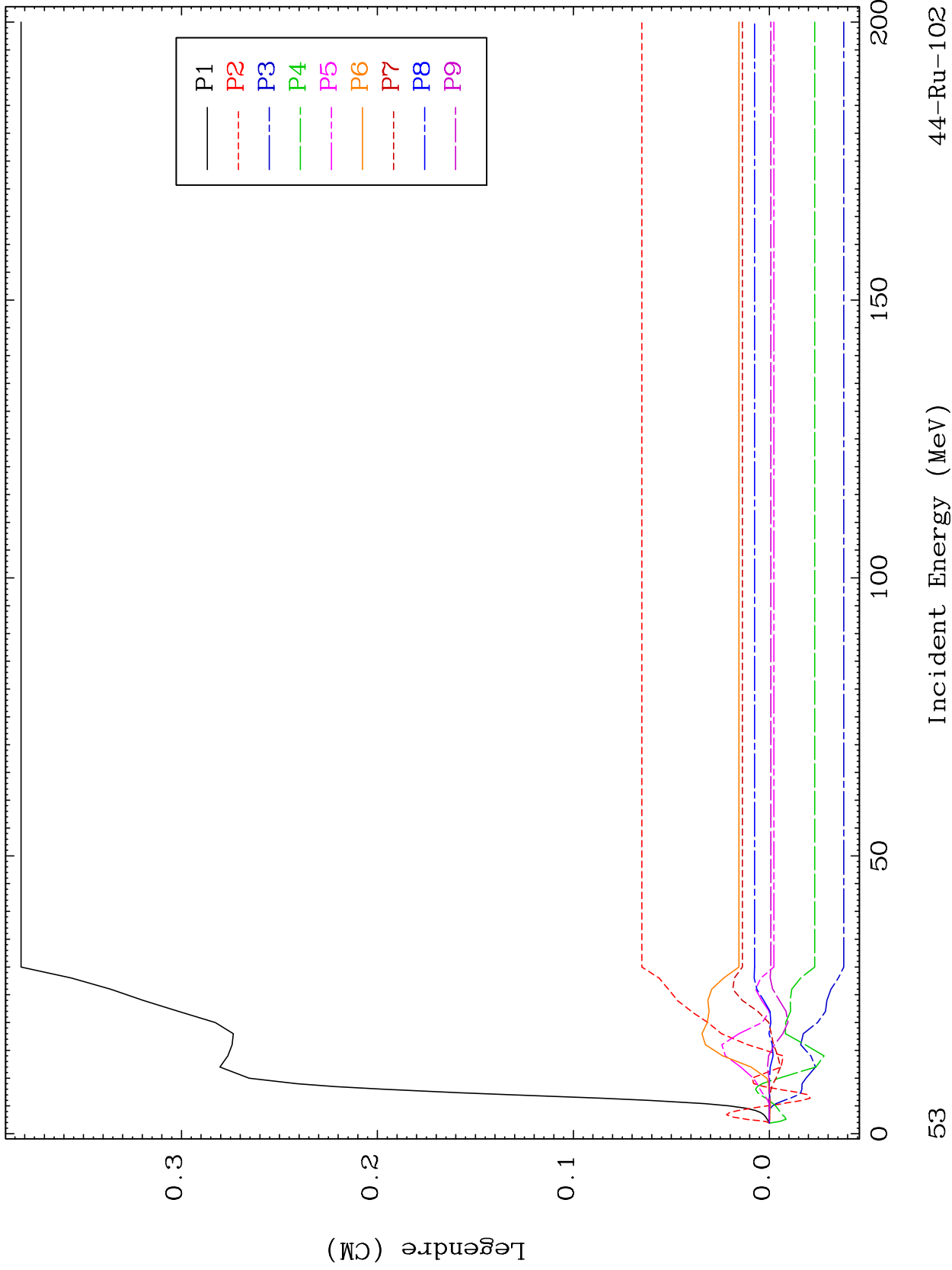
44-Ru-102



MAT 4443

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

44-Ru-102



53

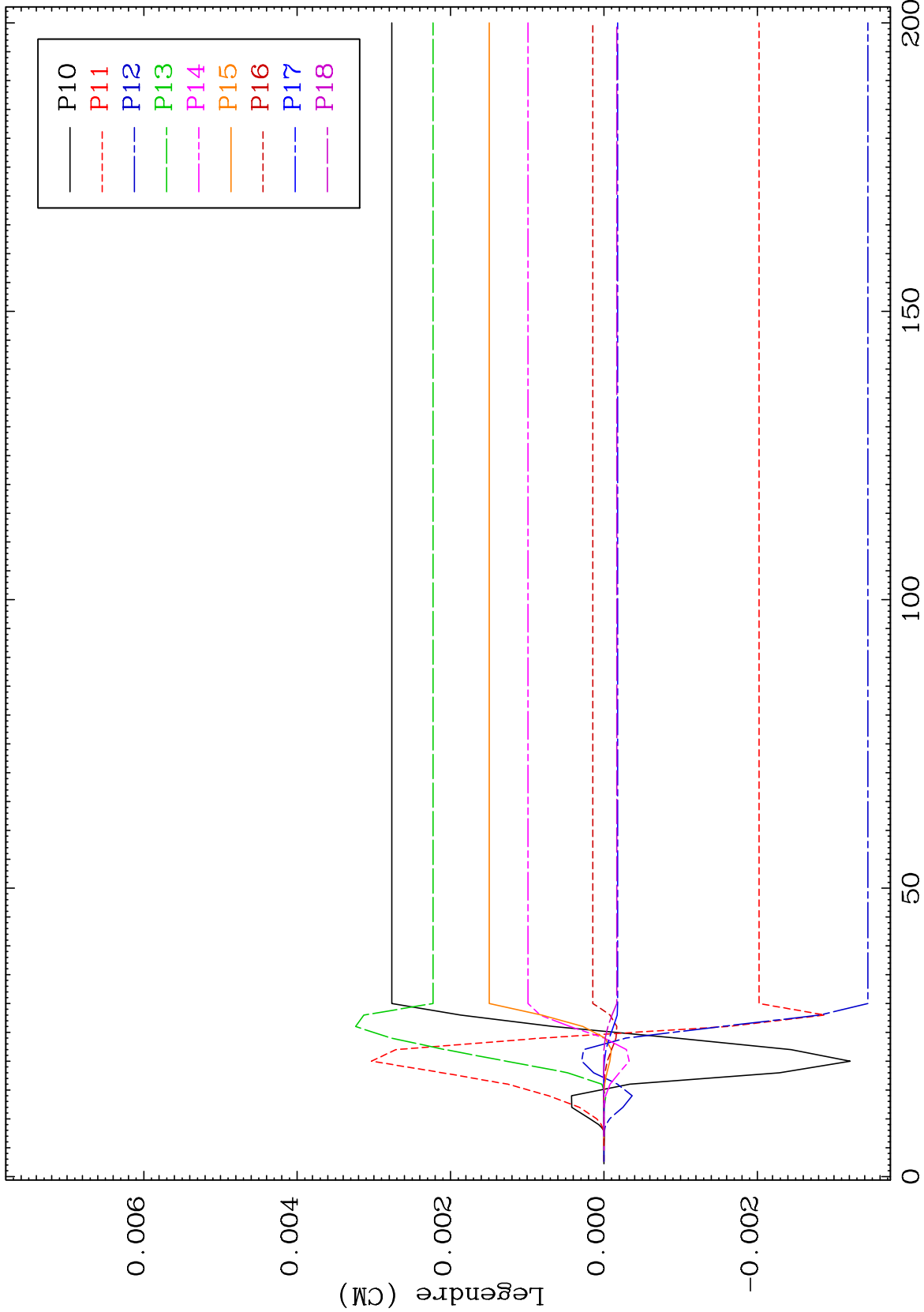
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



54

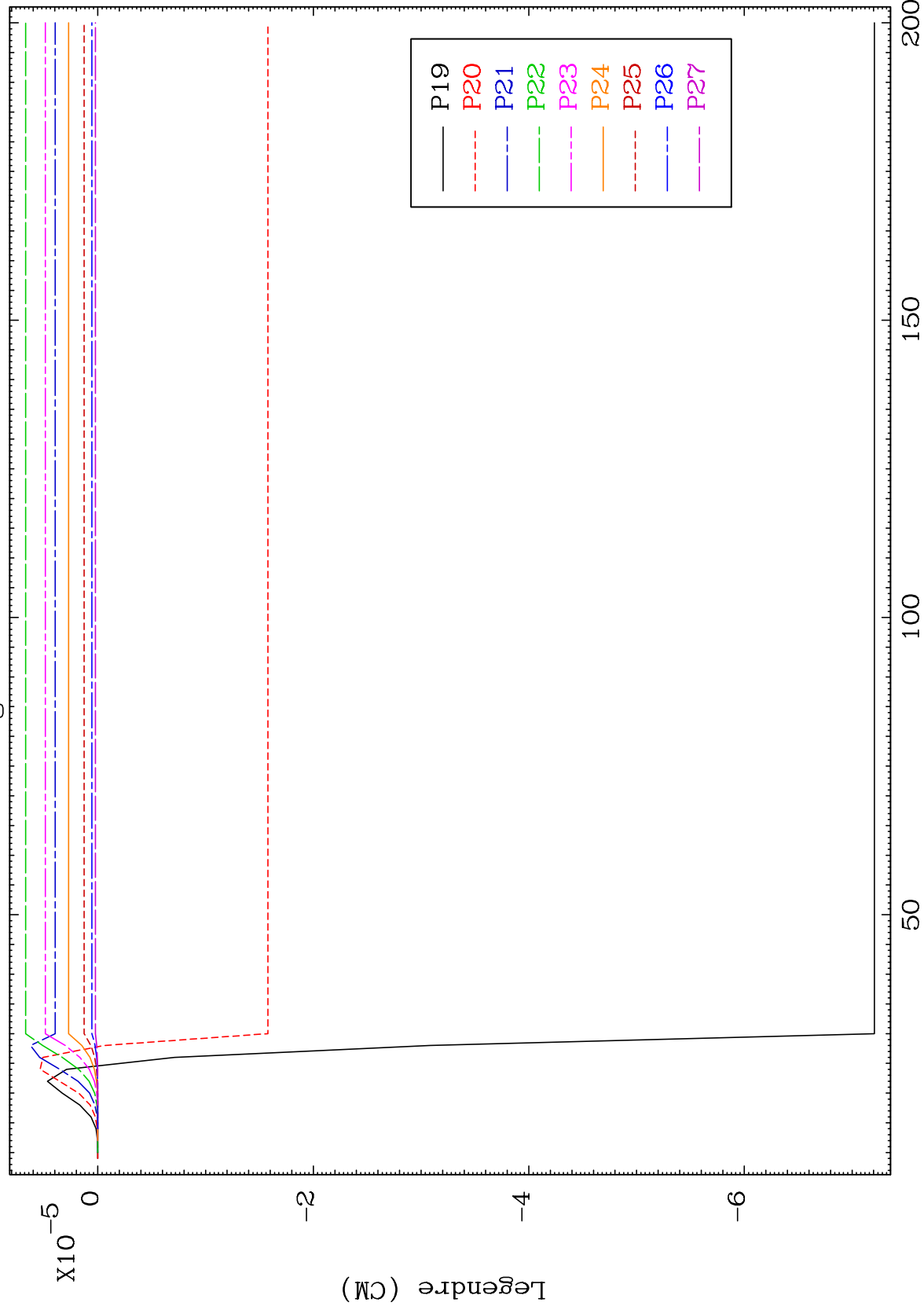
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



55

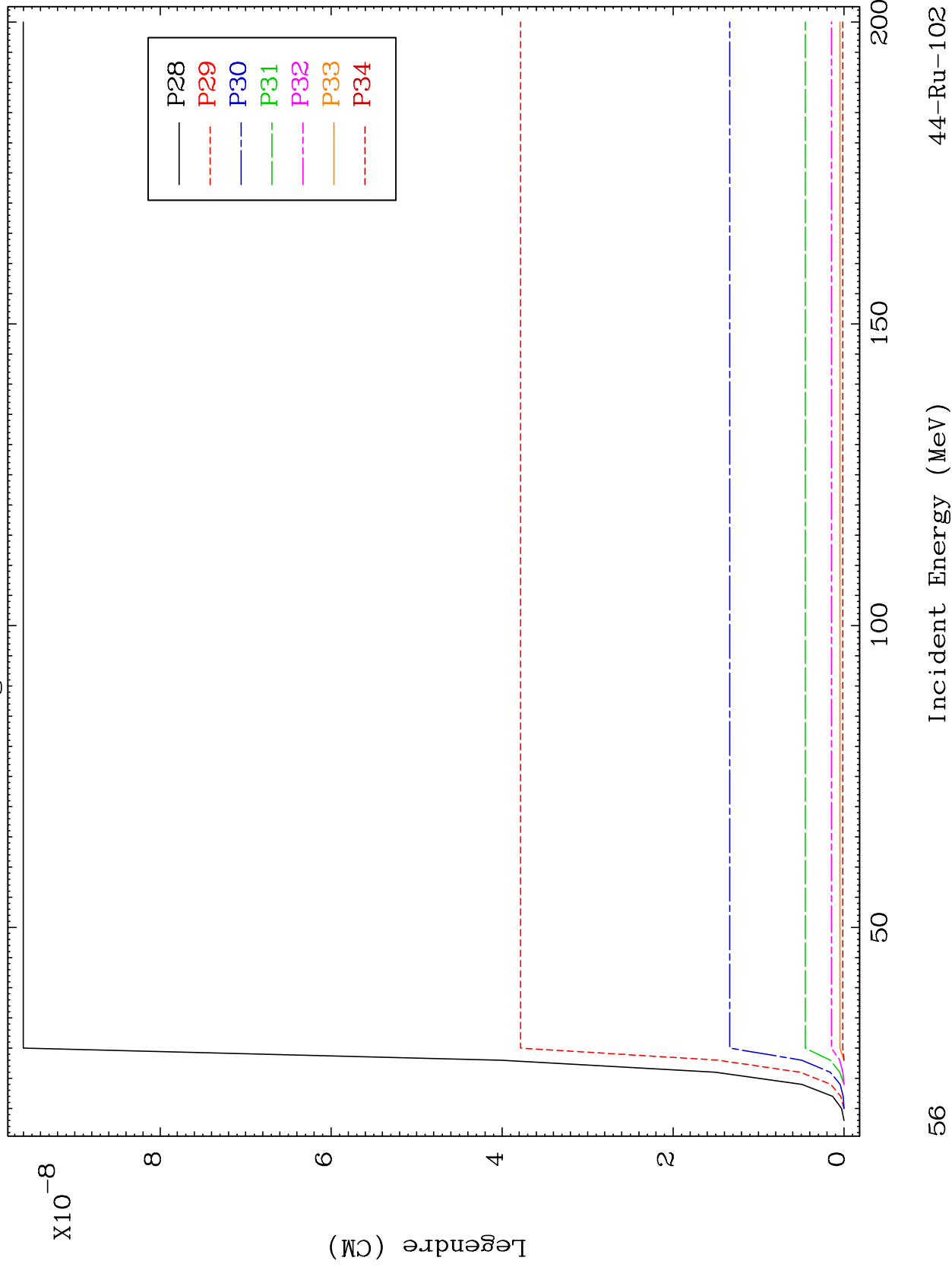
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



56

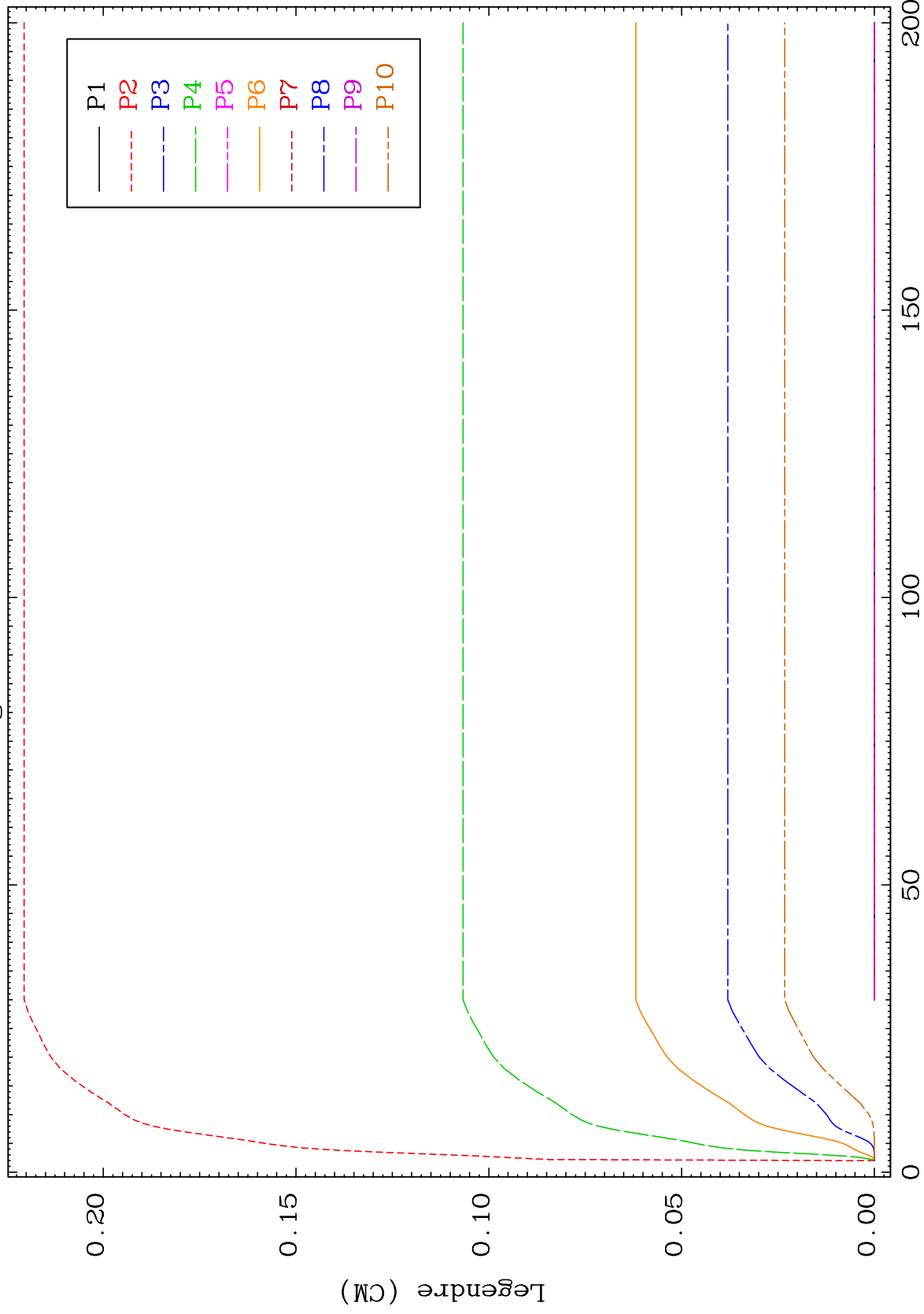
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



57

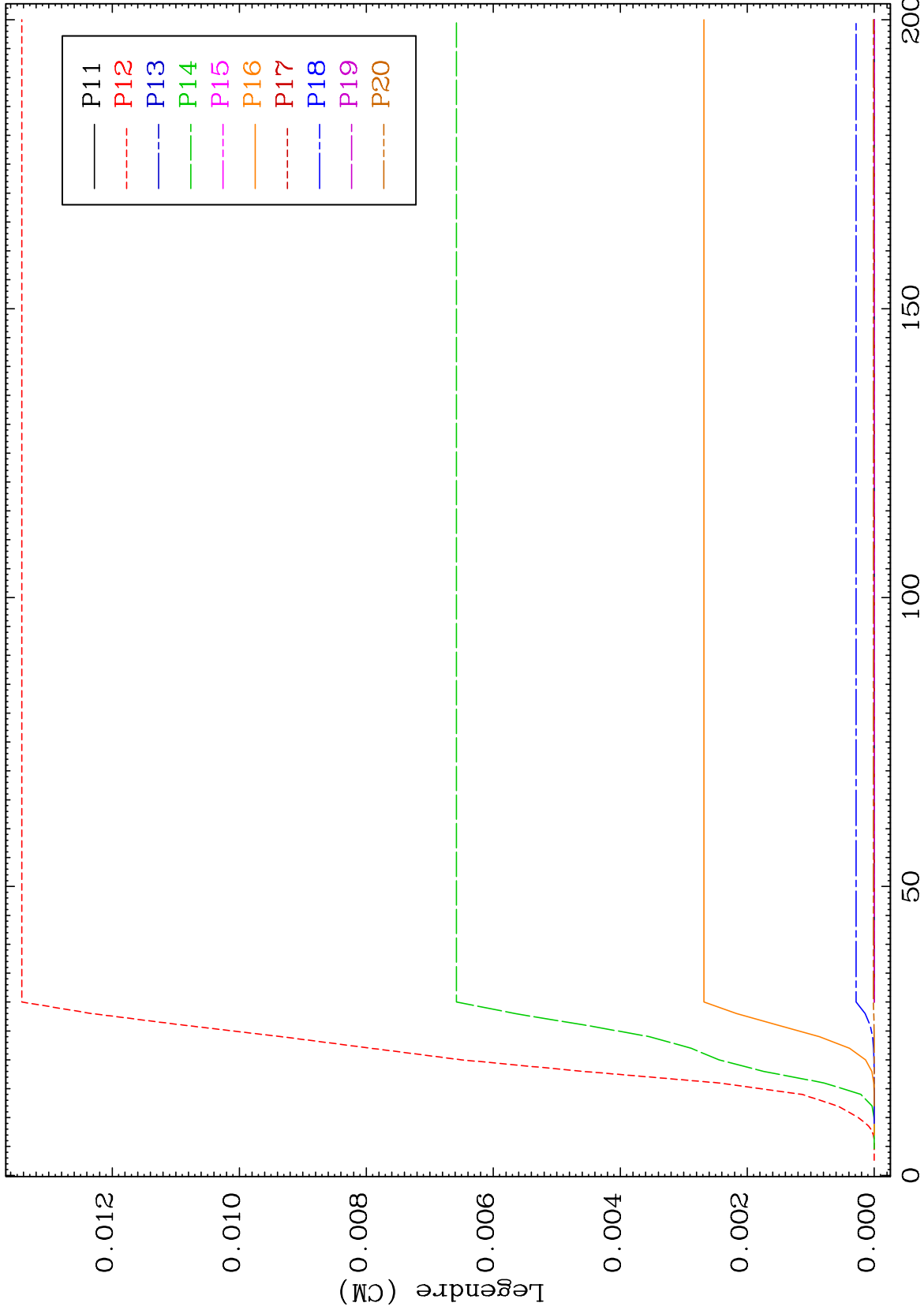
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



58

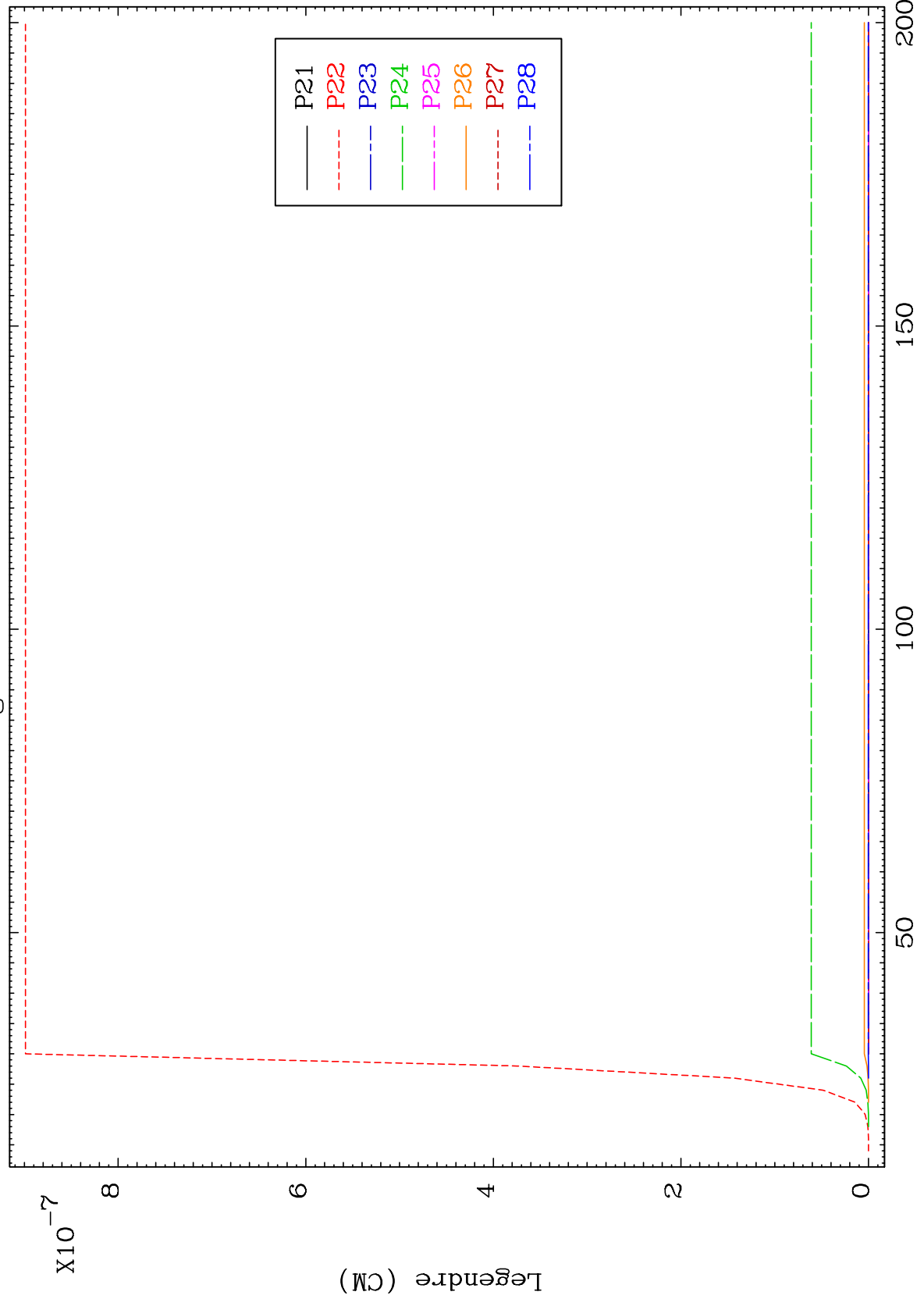
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



44-Ru-102

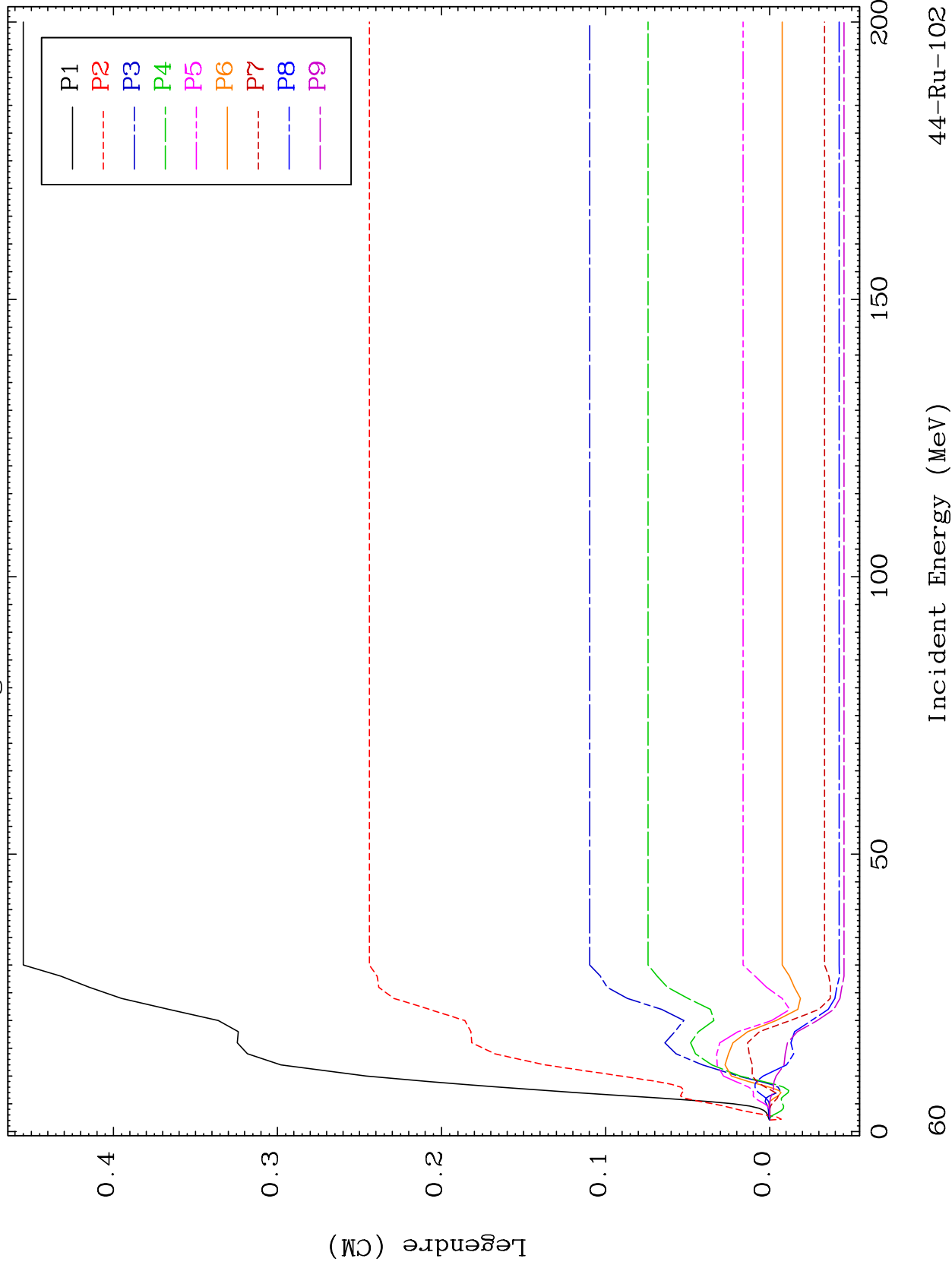
Incident Energy (MeV)

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MAT 4443

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

44-Ru-102



44-Ru-102

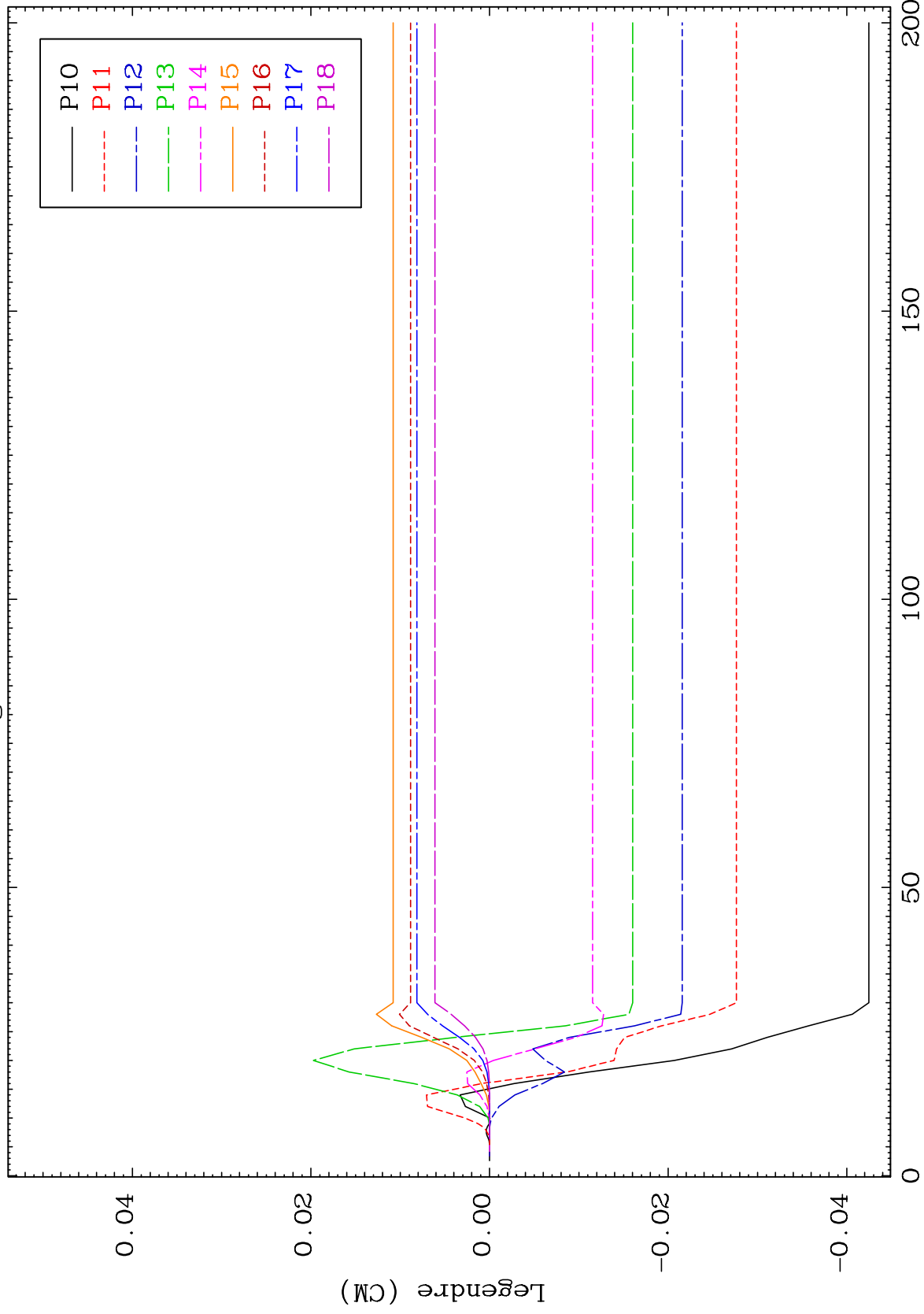
Incident Energy (MeV)

60

MAT 4443

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

44-Ru-102



61

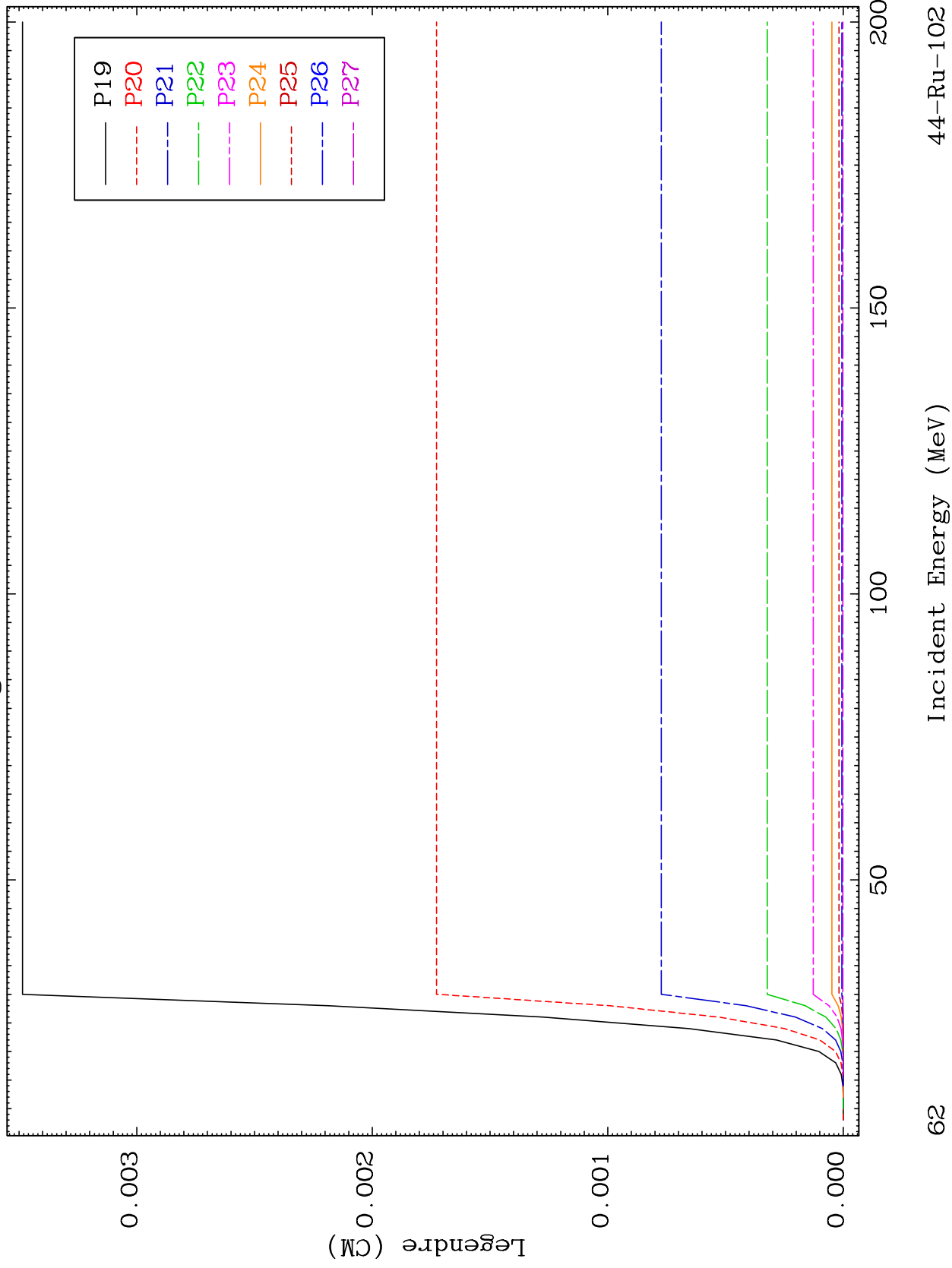
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



62

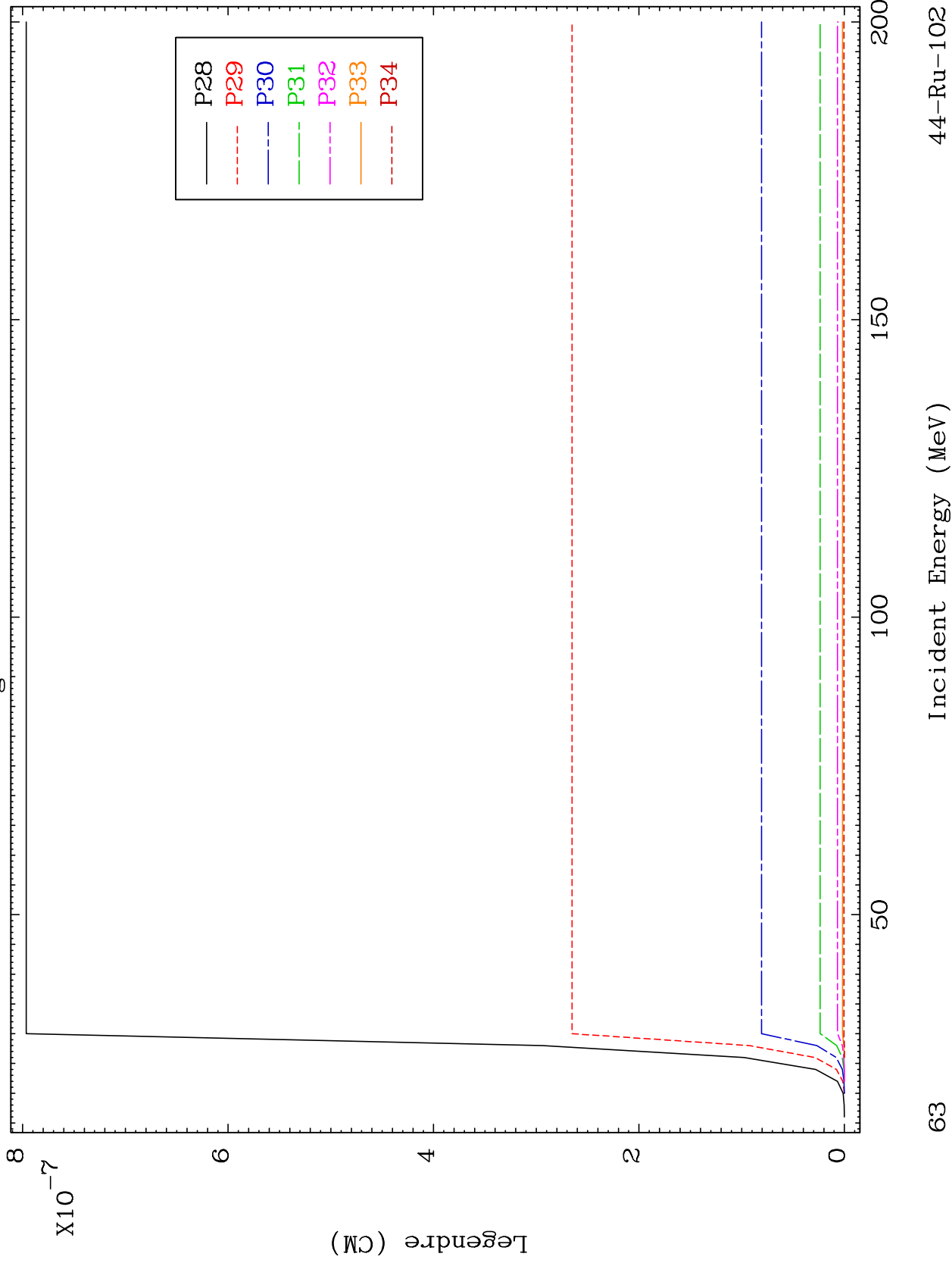
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



63

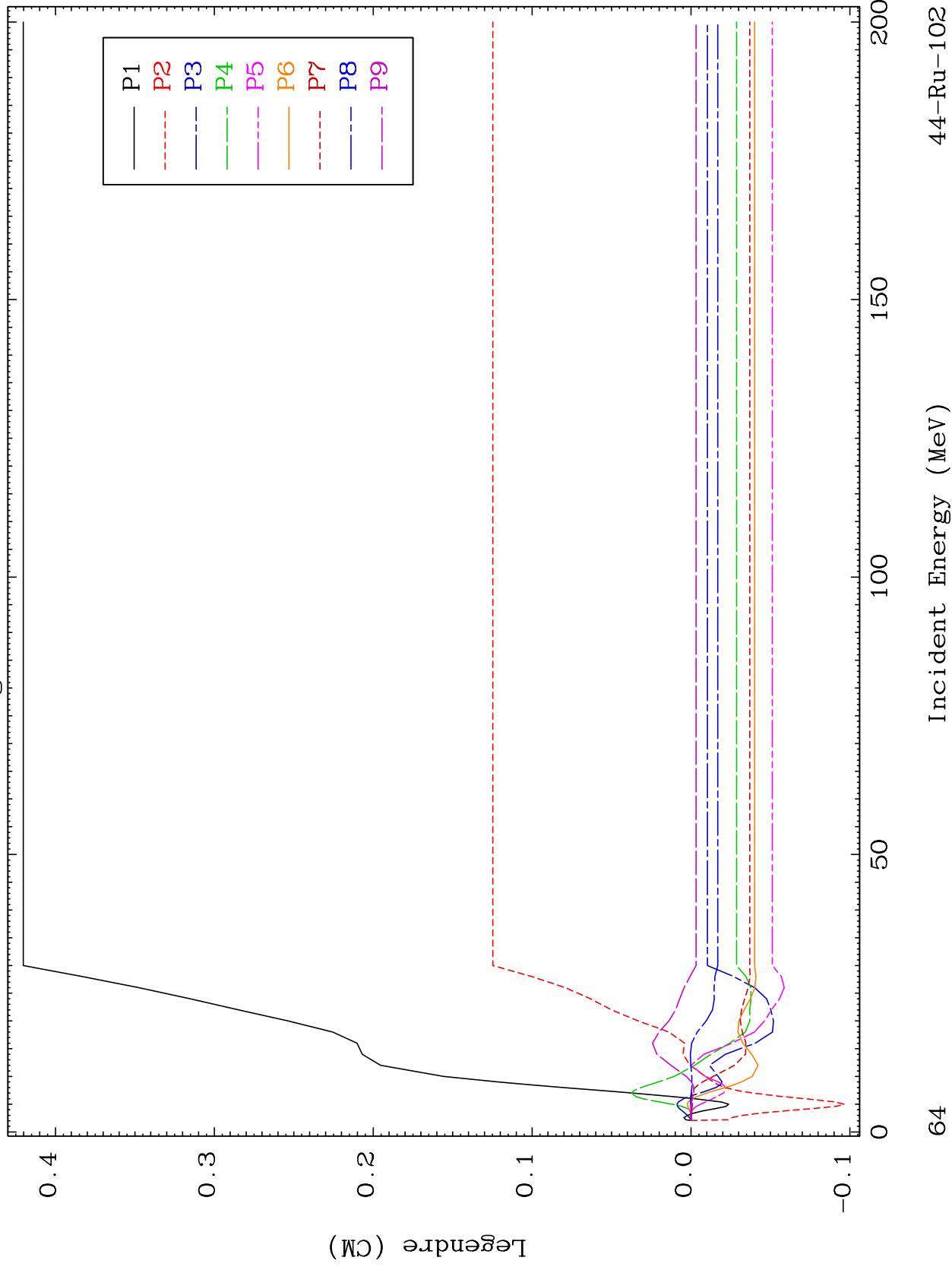
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



44-Ru-102

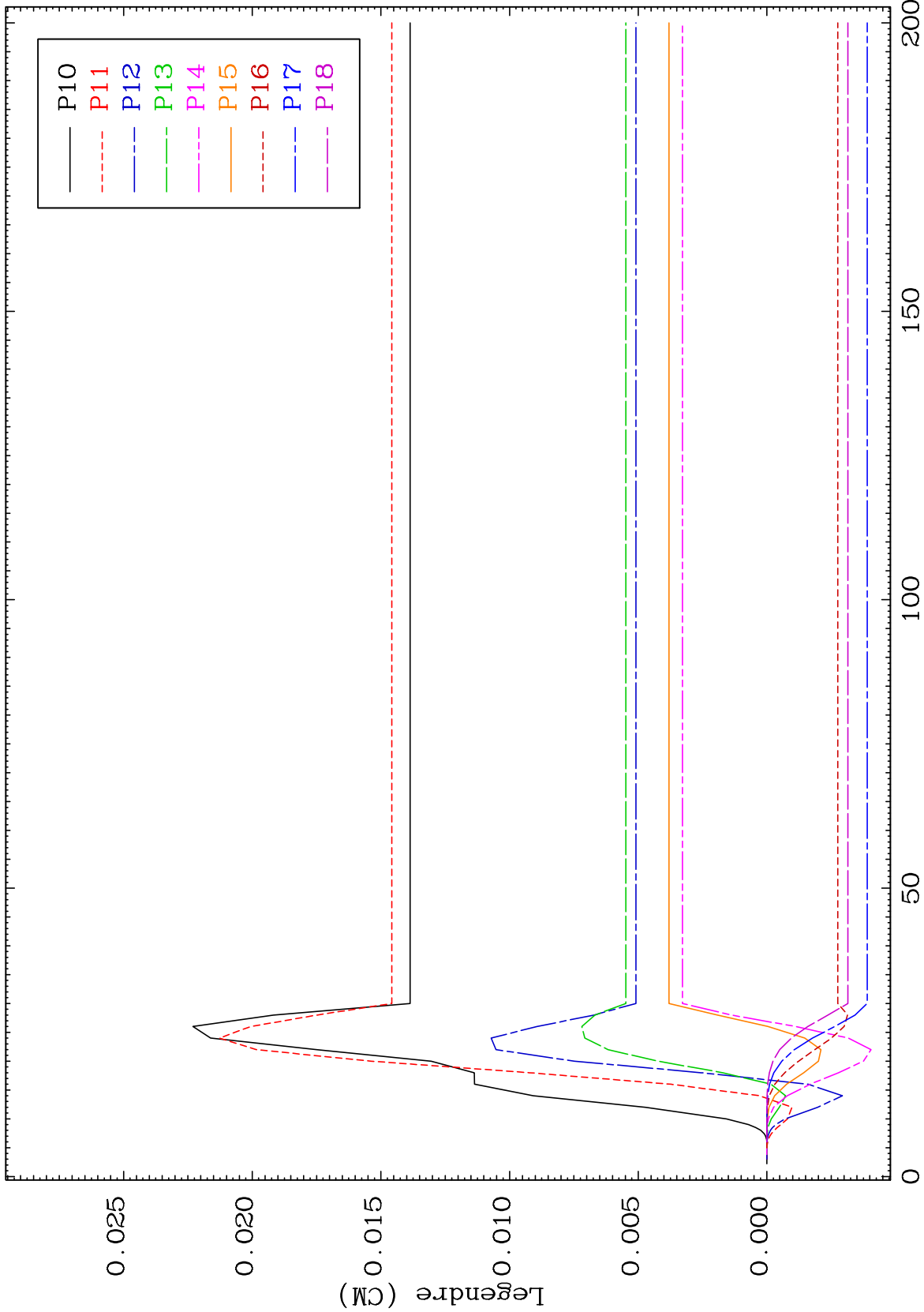
Incident Energy (MeV)

64

MAT 4443

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

44-Ru-102



65

Incident Energy (MeV)

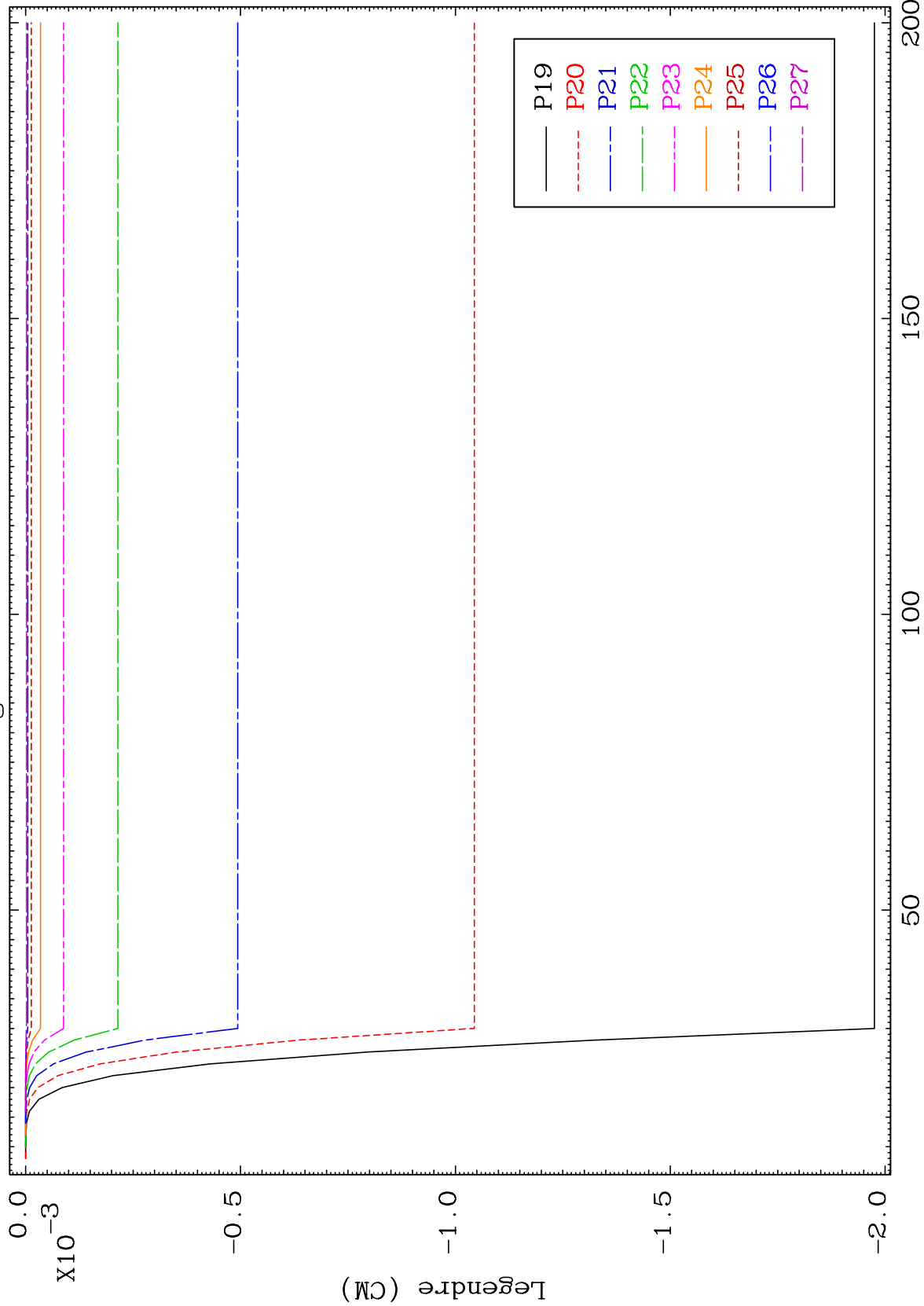
44-Ru-102

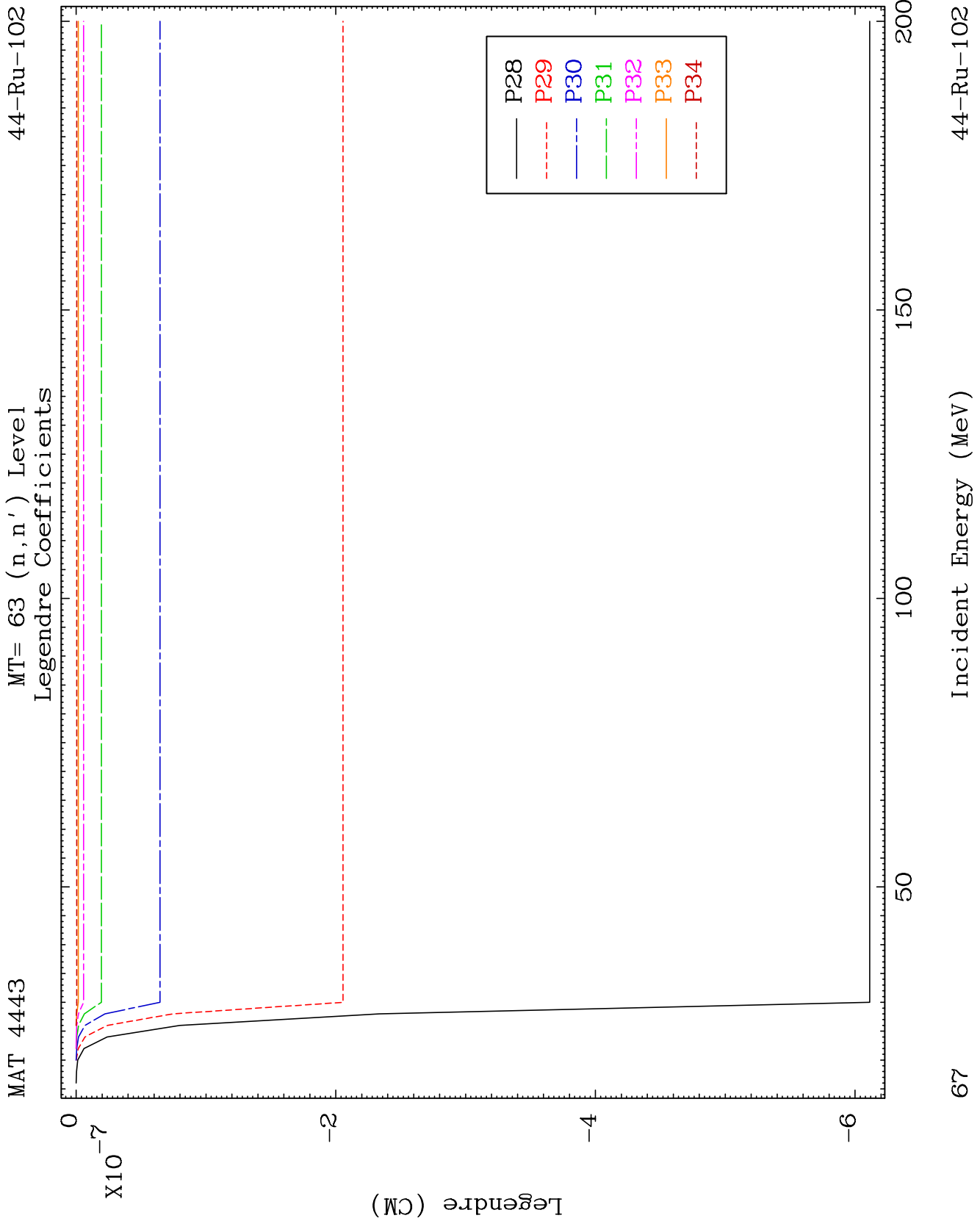
MAT 4443

MT= 63 (n,n') Level

44-Ru-102

Legendre Coefficients

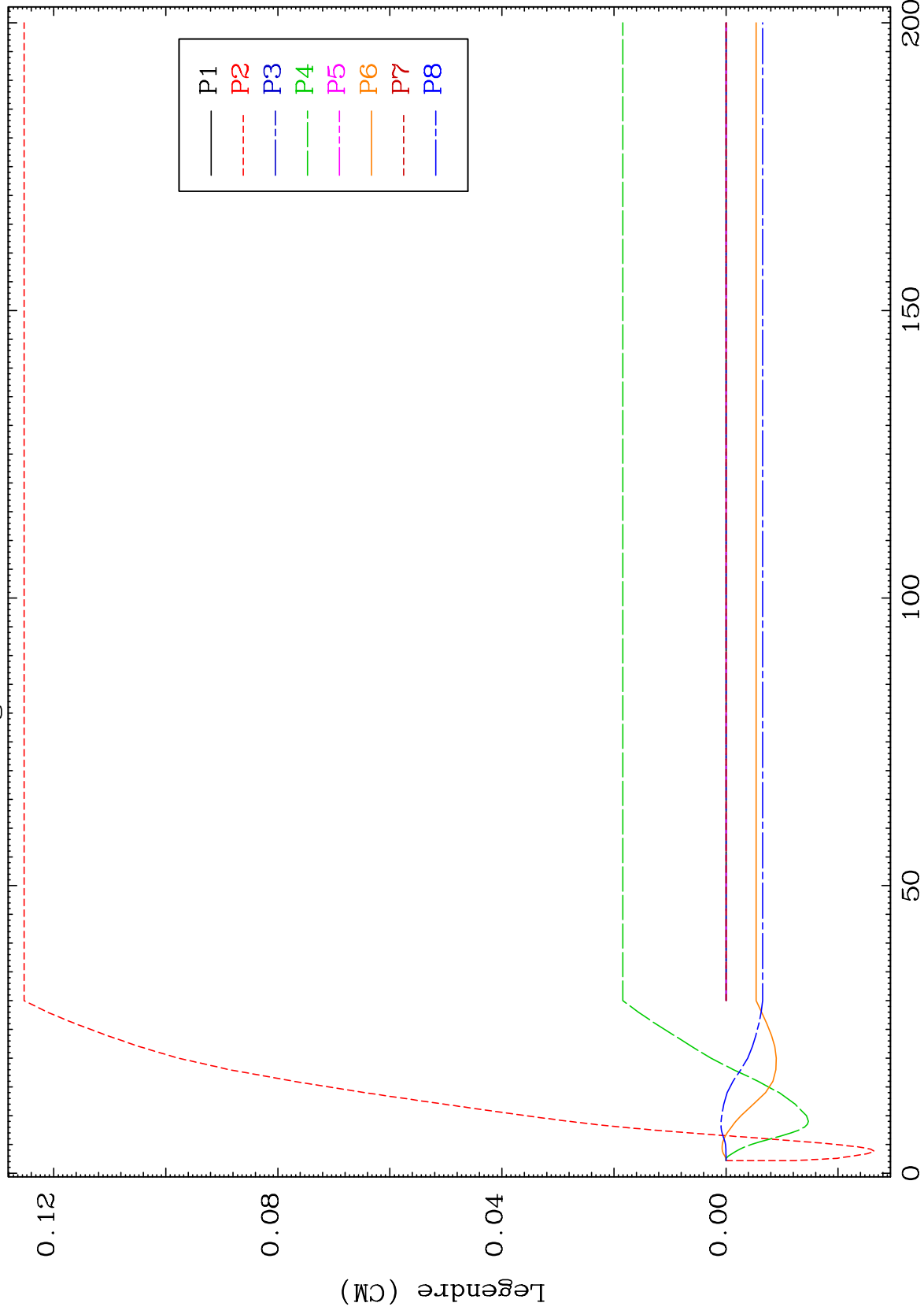




MAT 4443

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

44-Ru-102



68

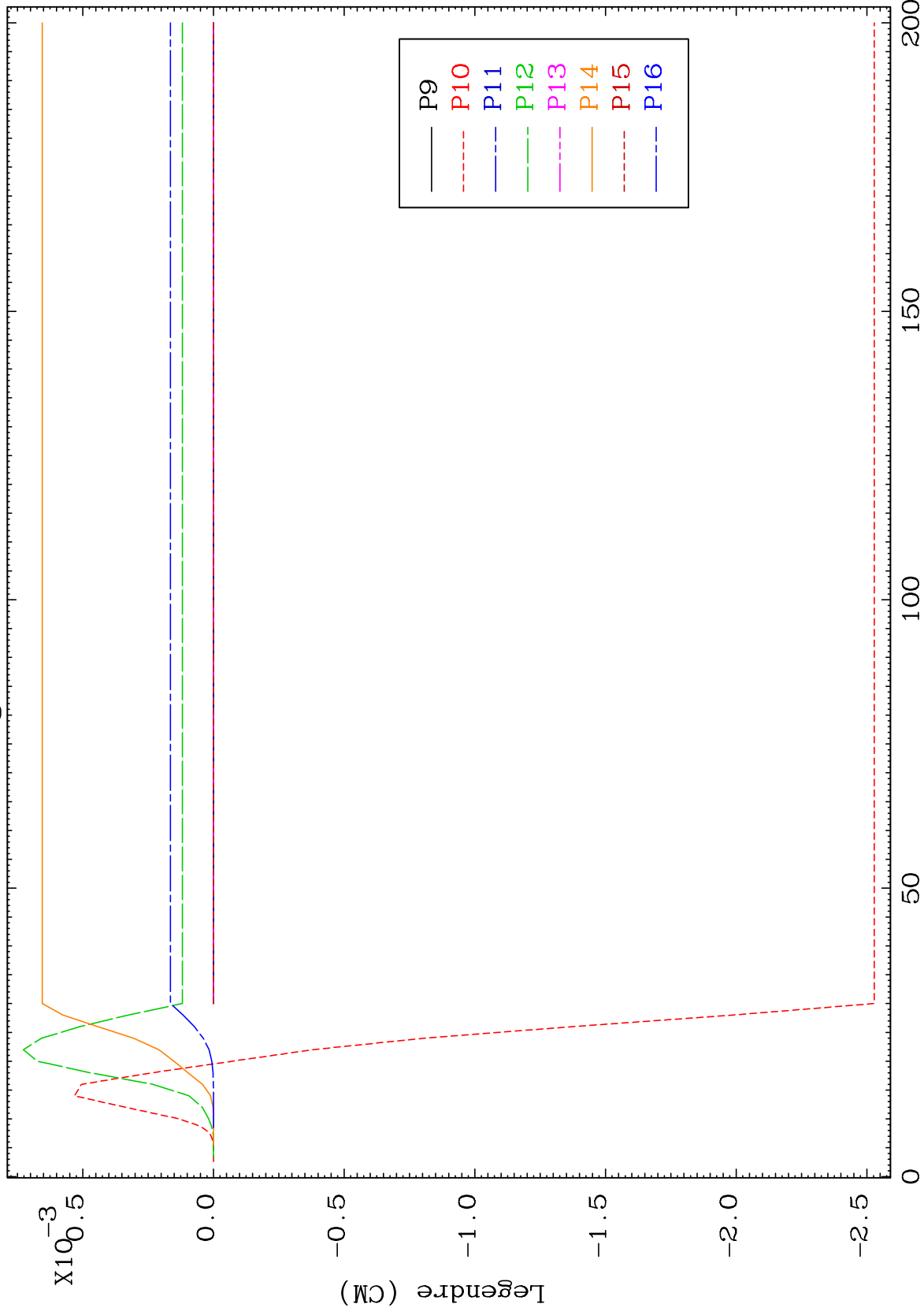
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



69

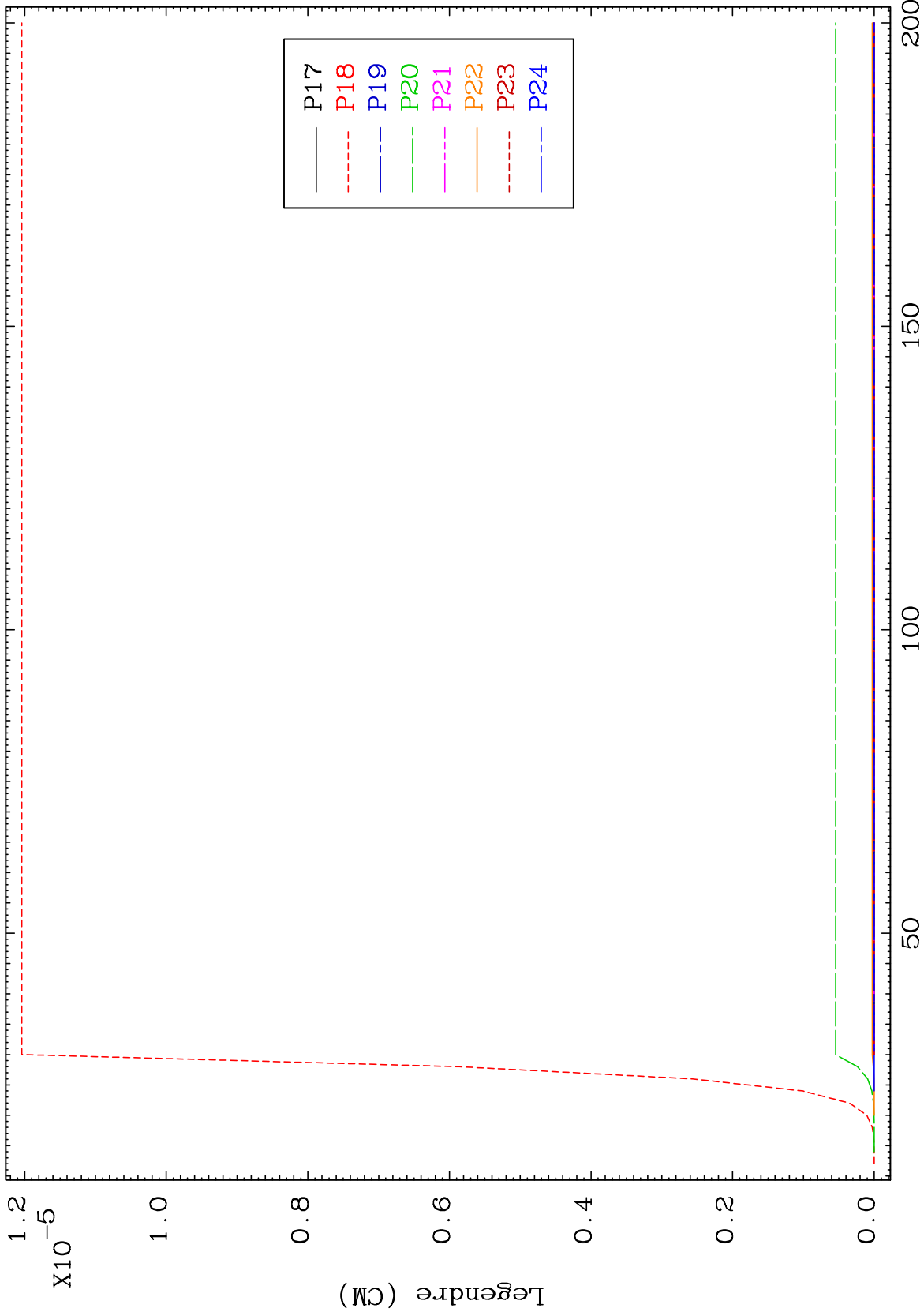
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



70

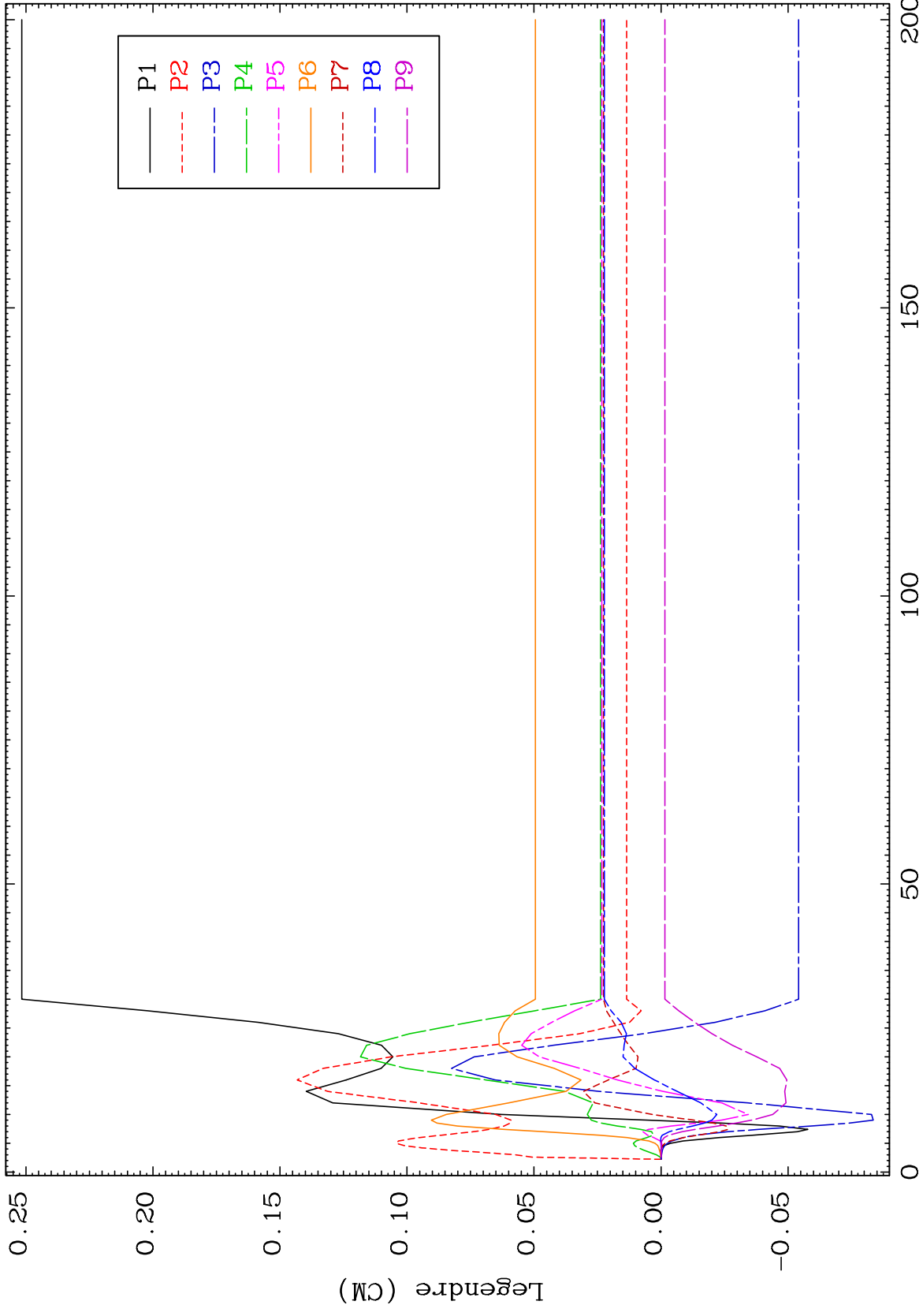
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



71

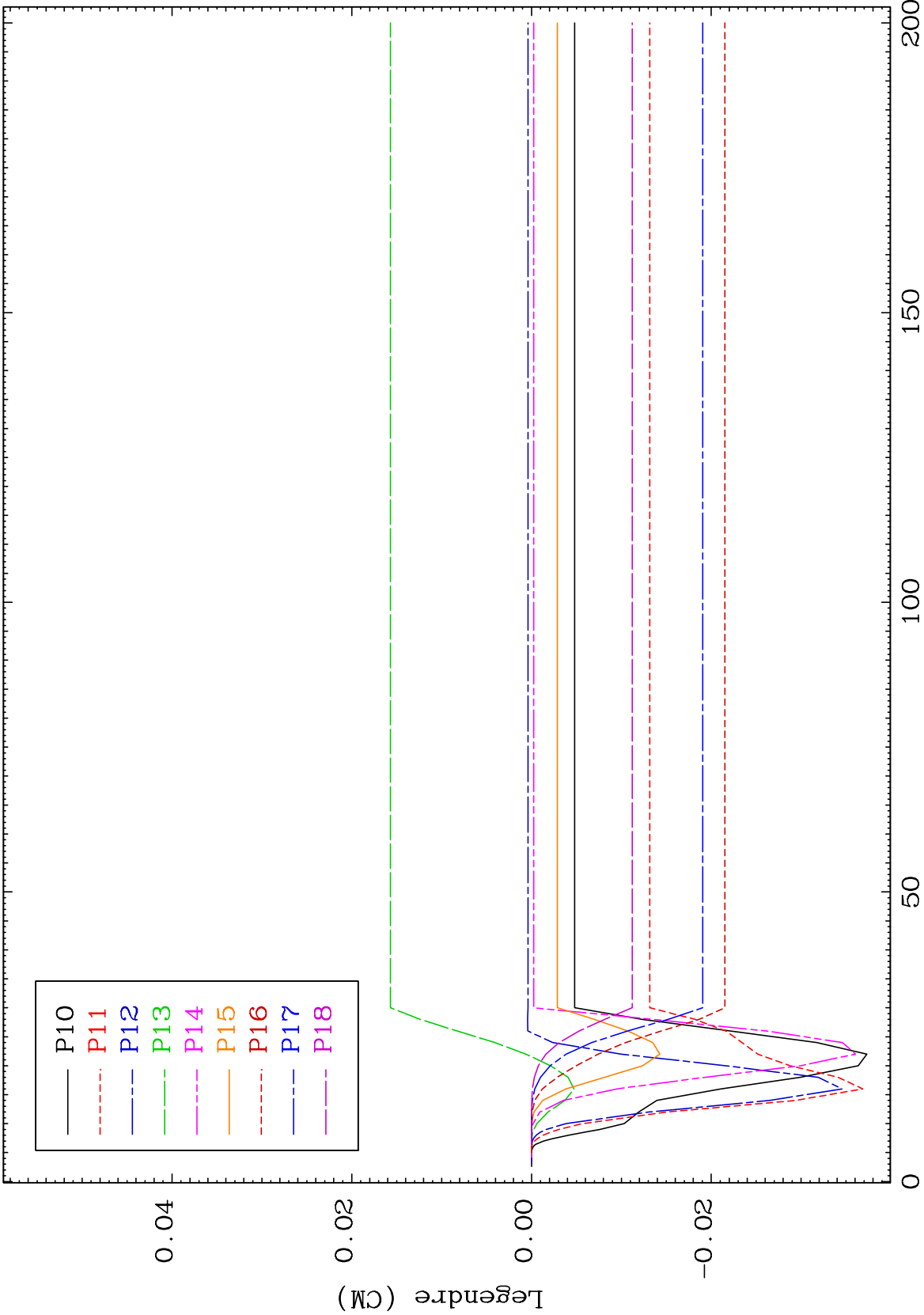
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



72

Incident Energy (MeV)

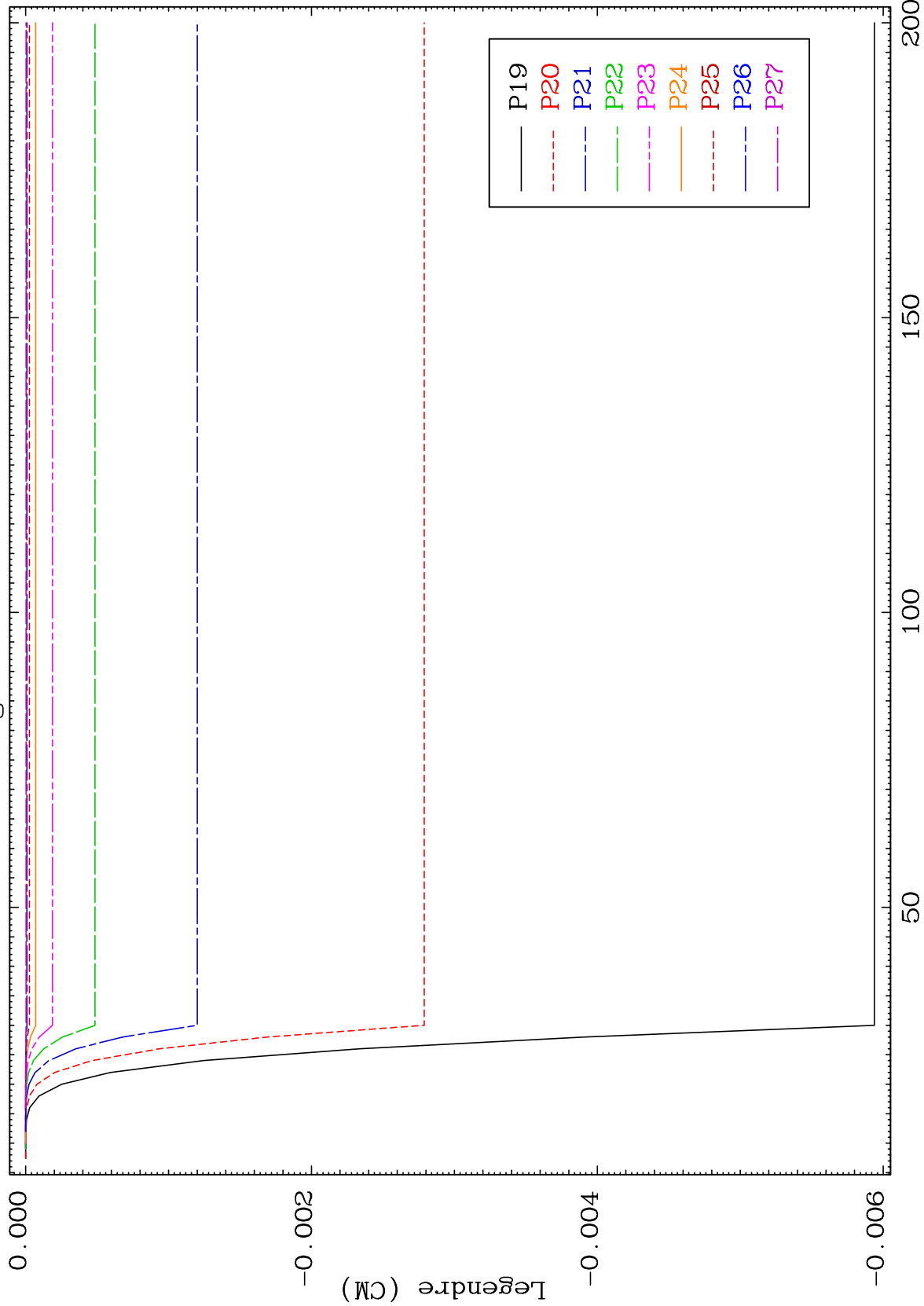
44-Ru-102

MAT 4443

MT= 65 (n,n') Level

44-Ru-102

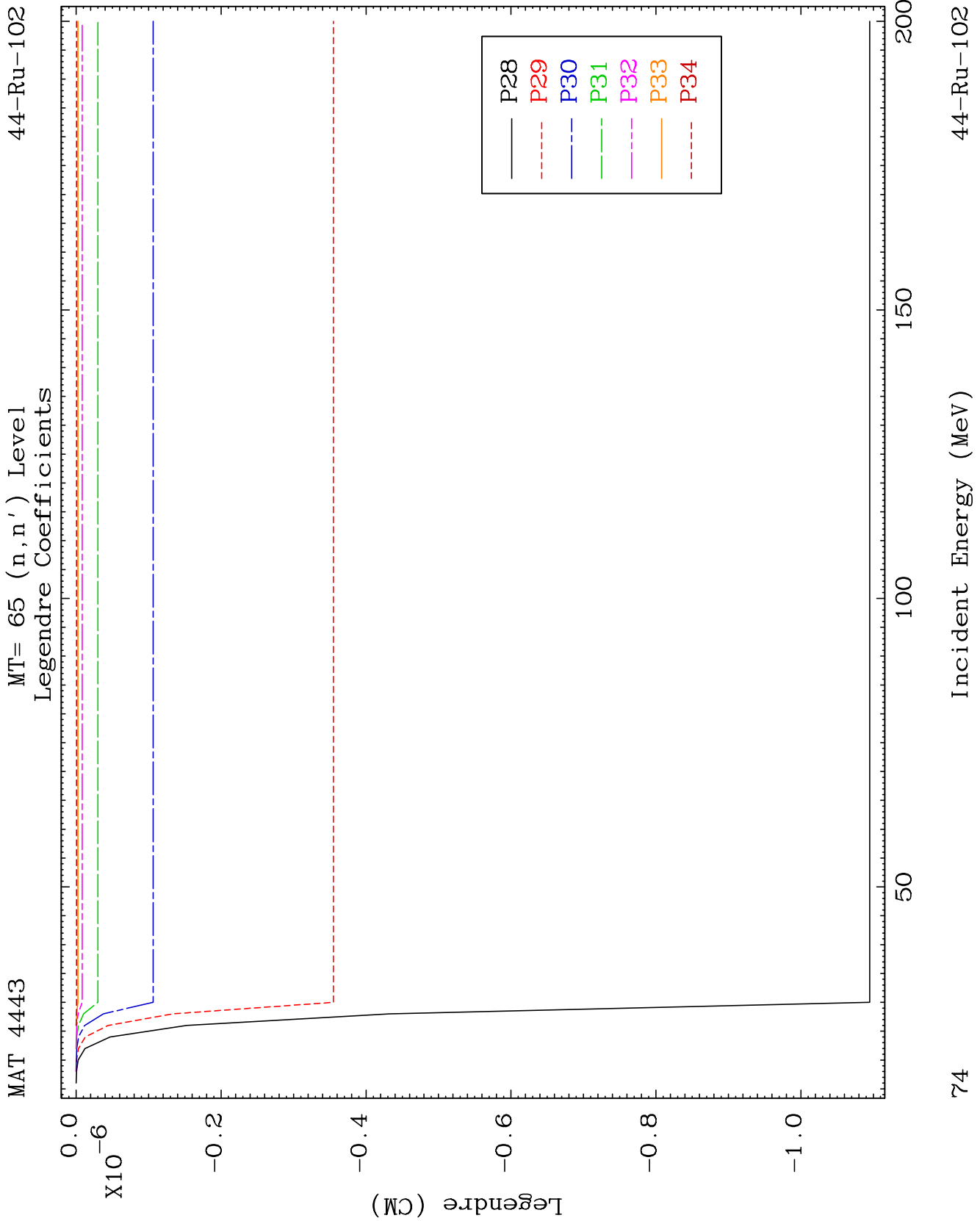
Legendre Coefficients



44-Ru-102

Incident Energy (MeV)

73

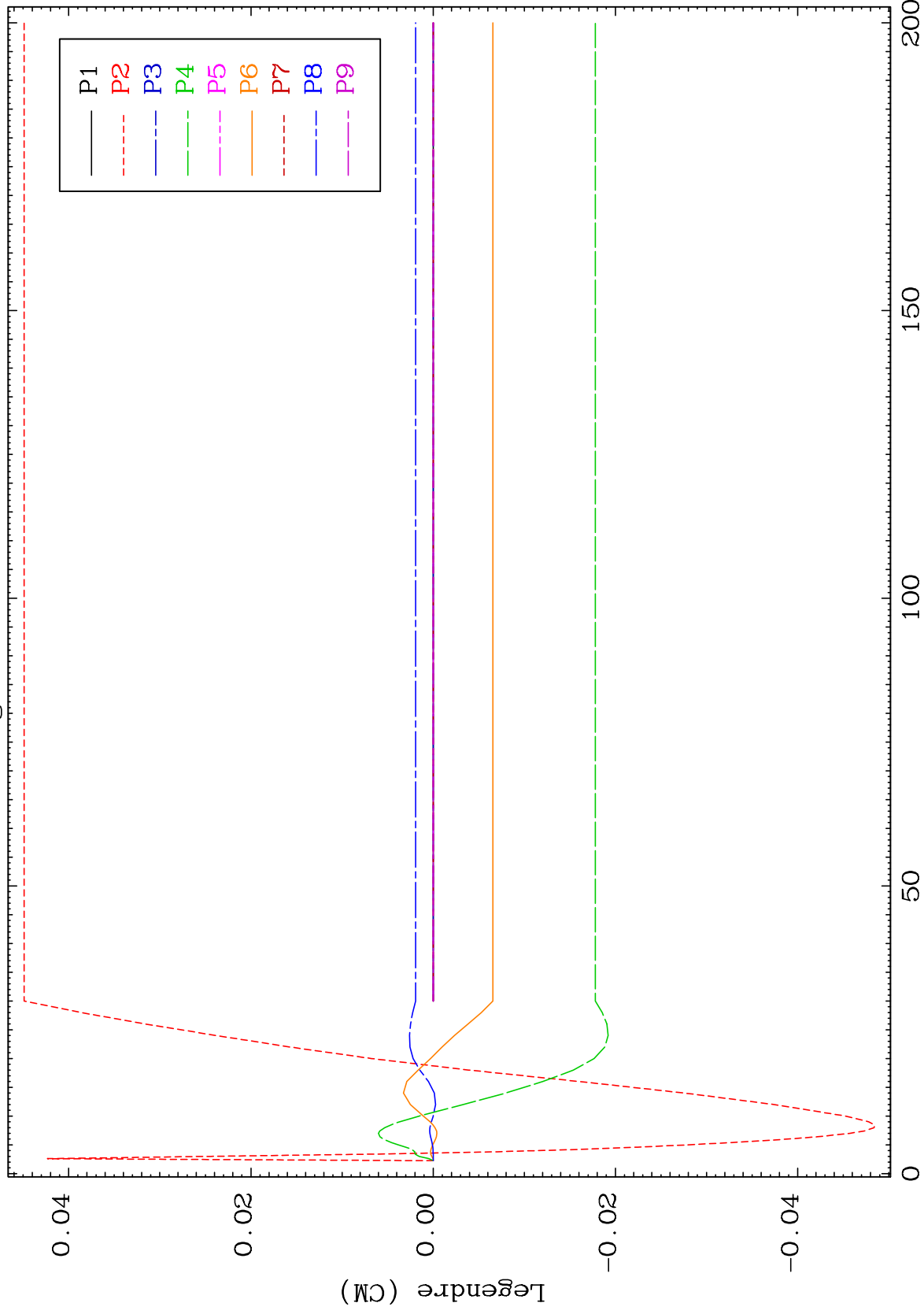


MAT 4443

MT= 66 (n,n') Level

44-Ru-102

Legendre Coefficients



75

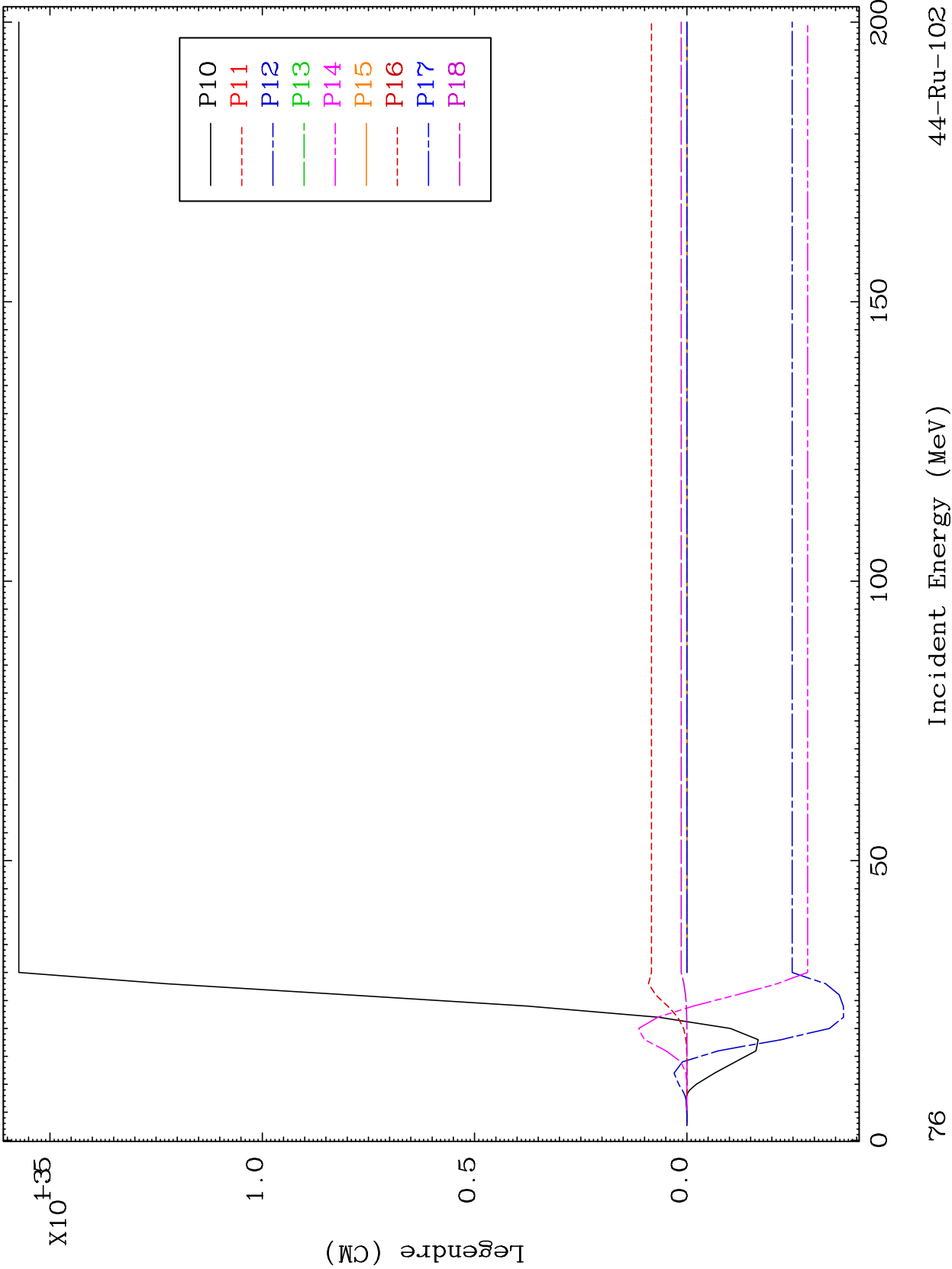
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



76

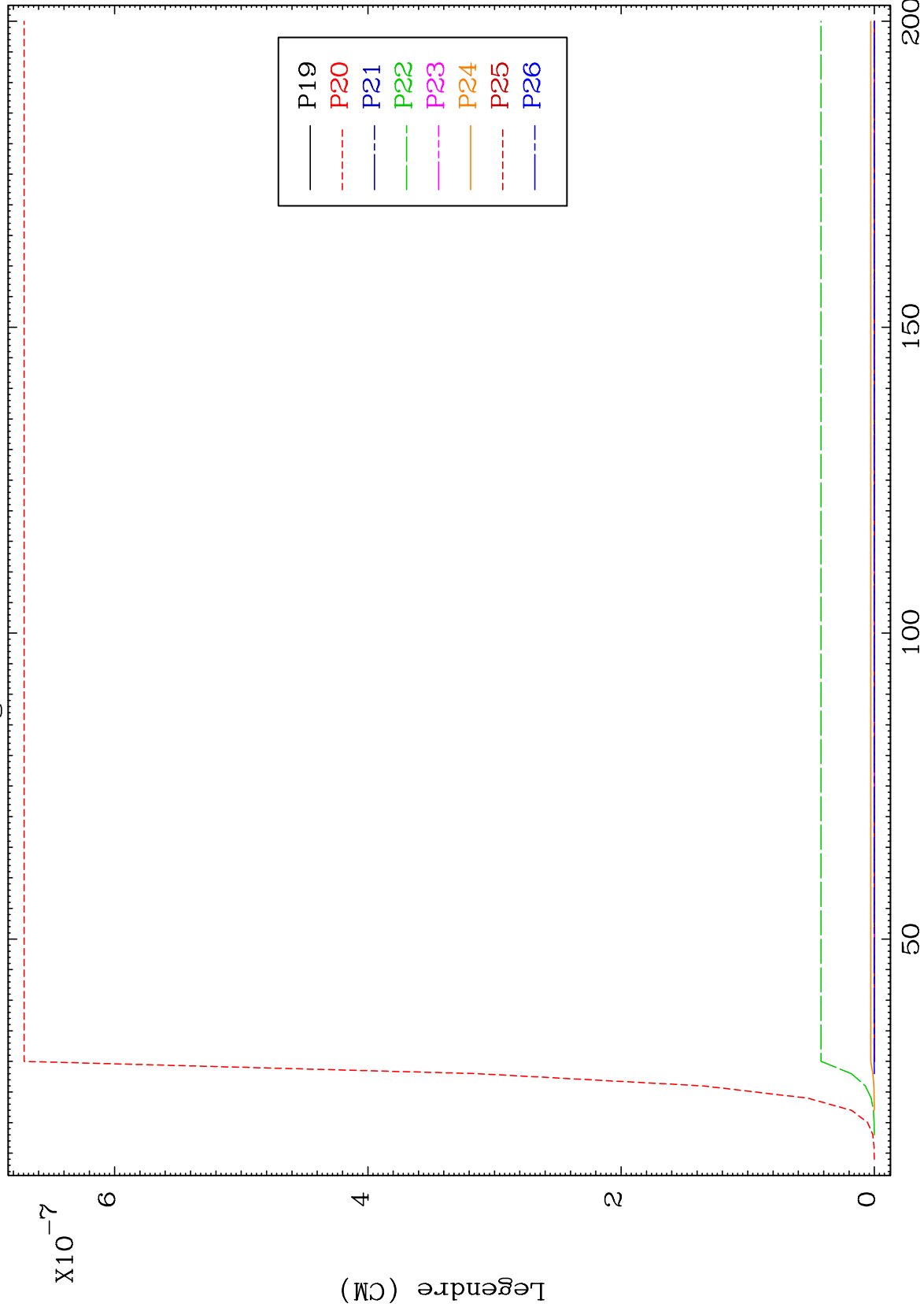
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



77

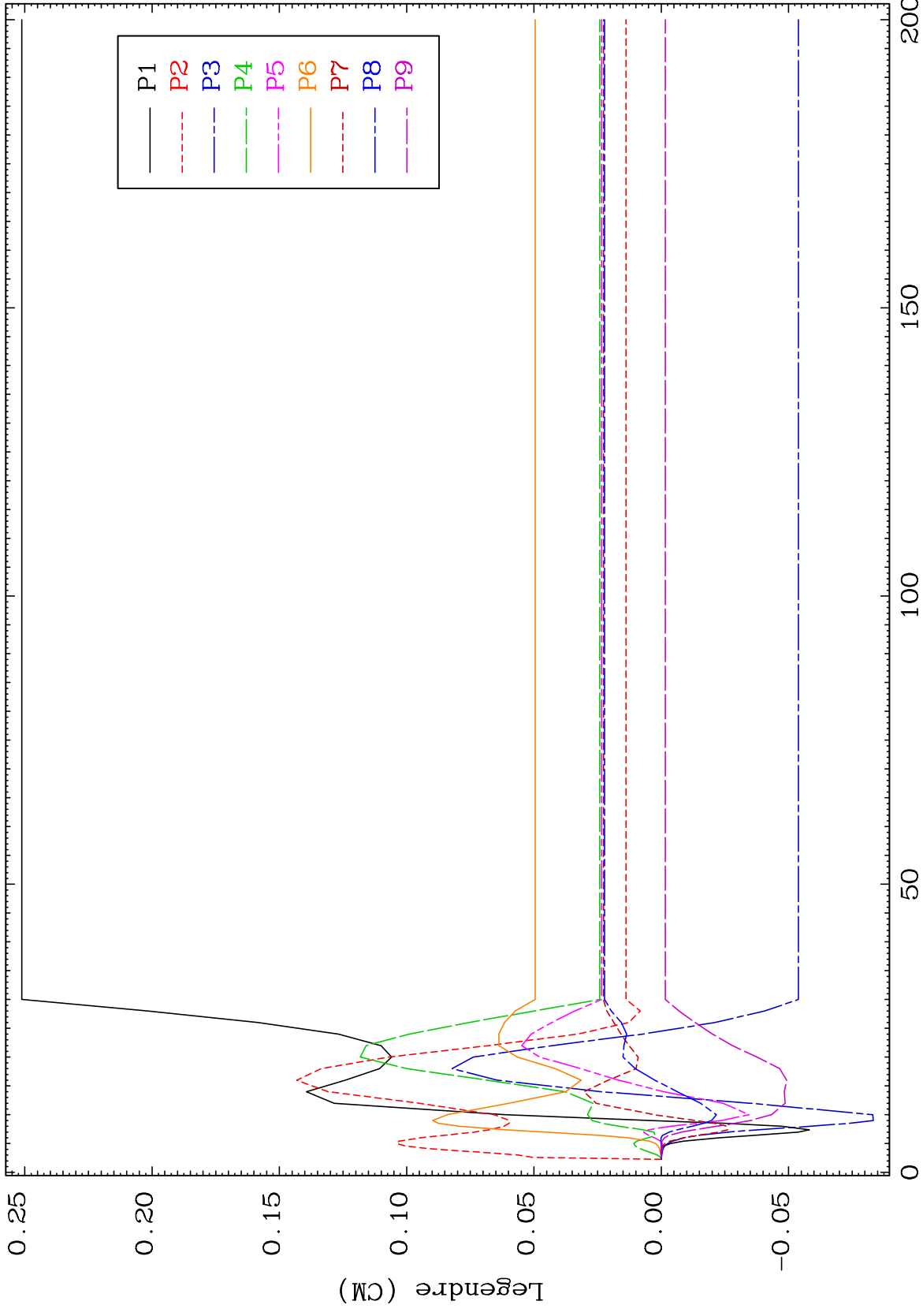
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



78

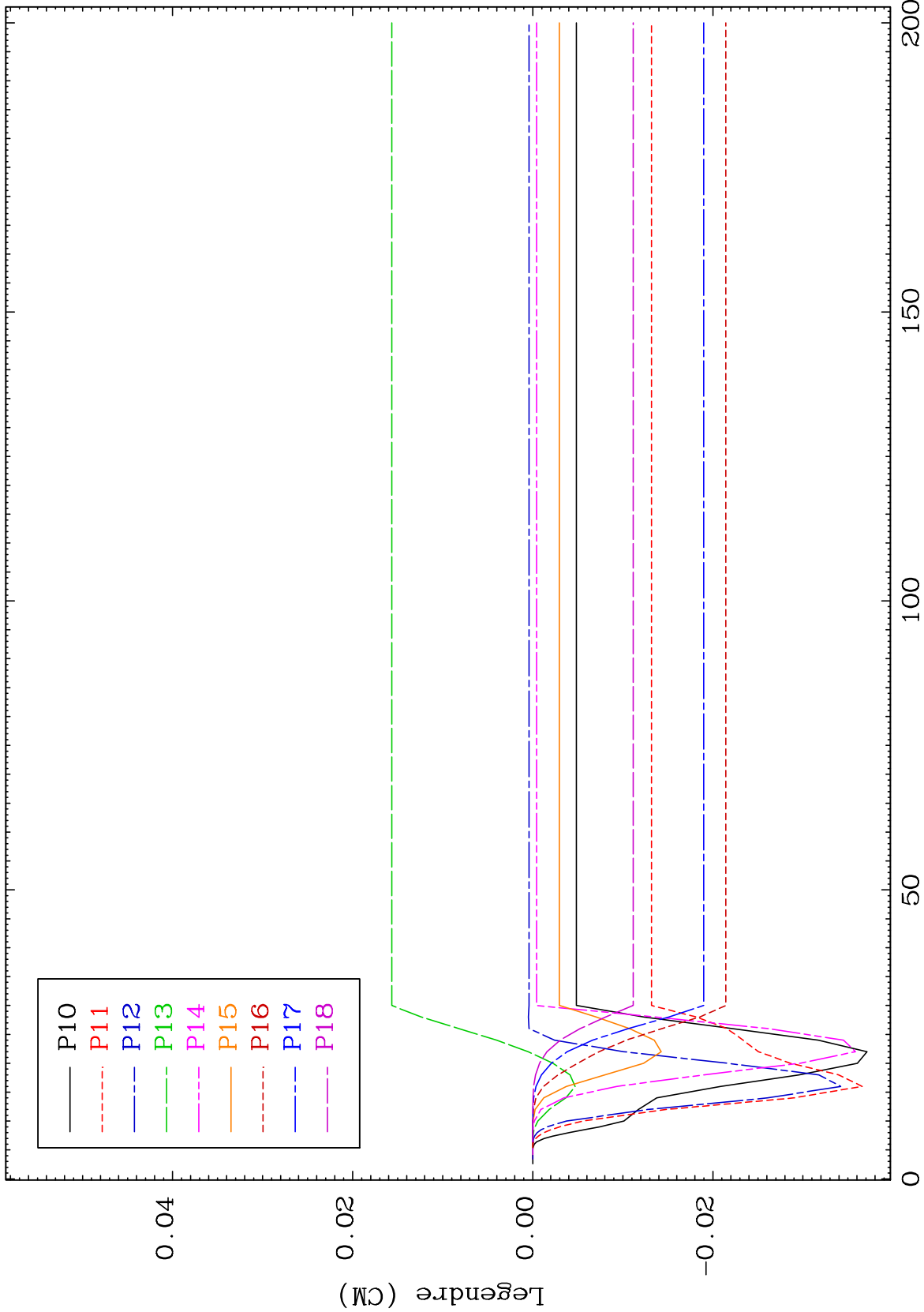
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

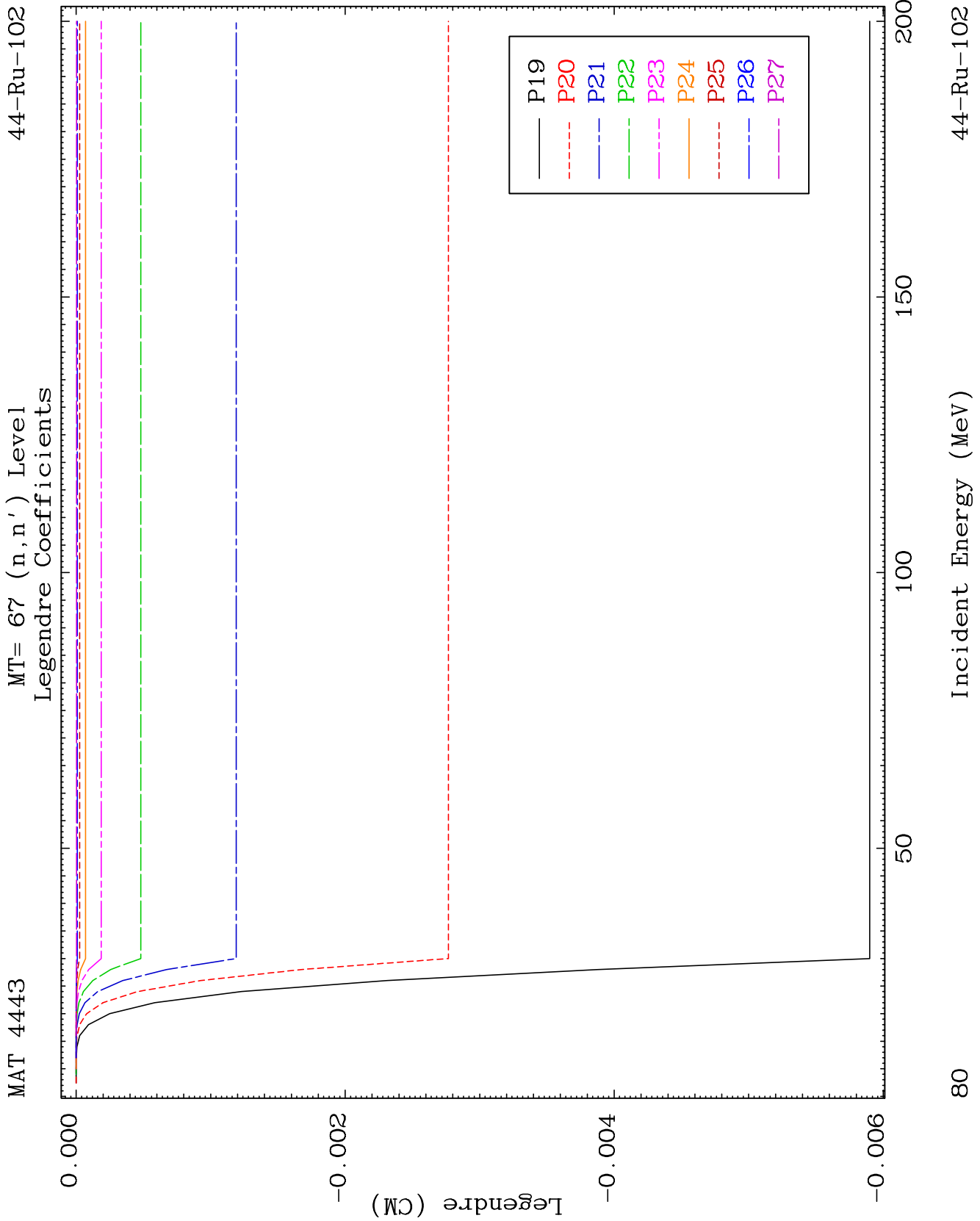
44-Ru-102



79

Incident Energy (MeV)

44-Ru-102

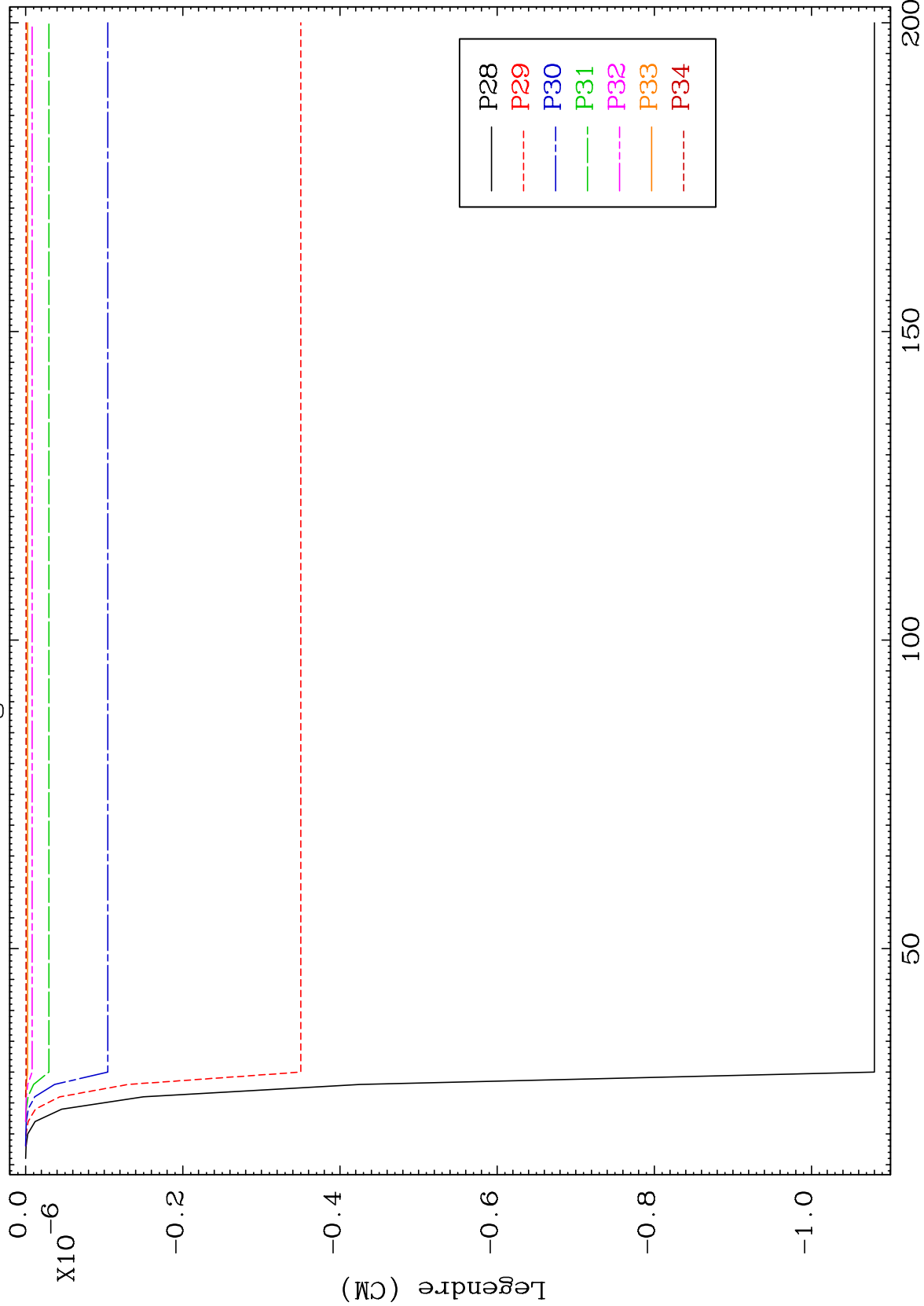


MAT 4443

MT= 67 (n,n') Level

44-Ru-102

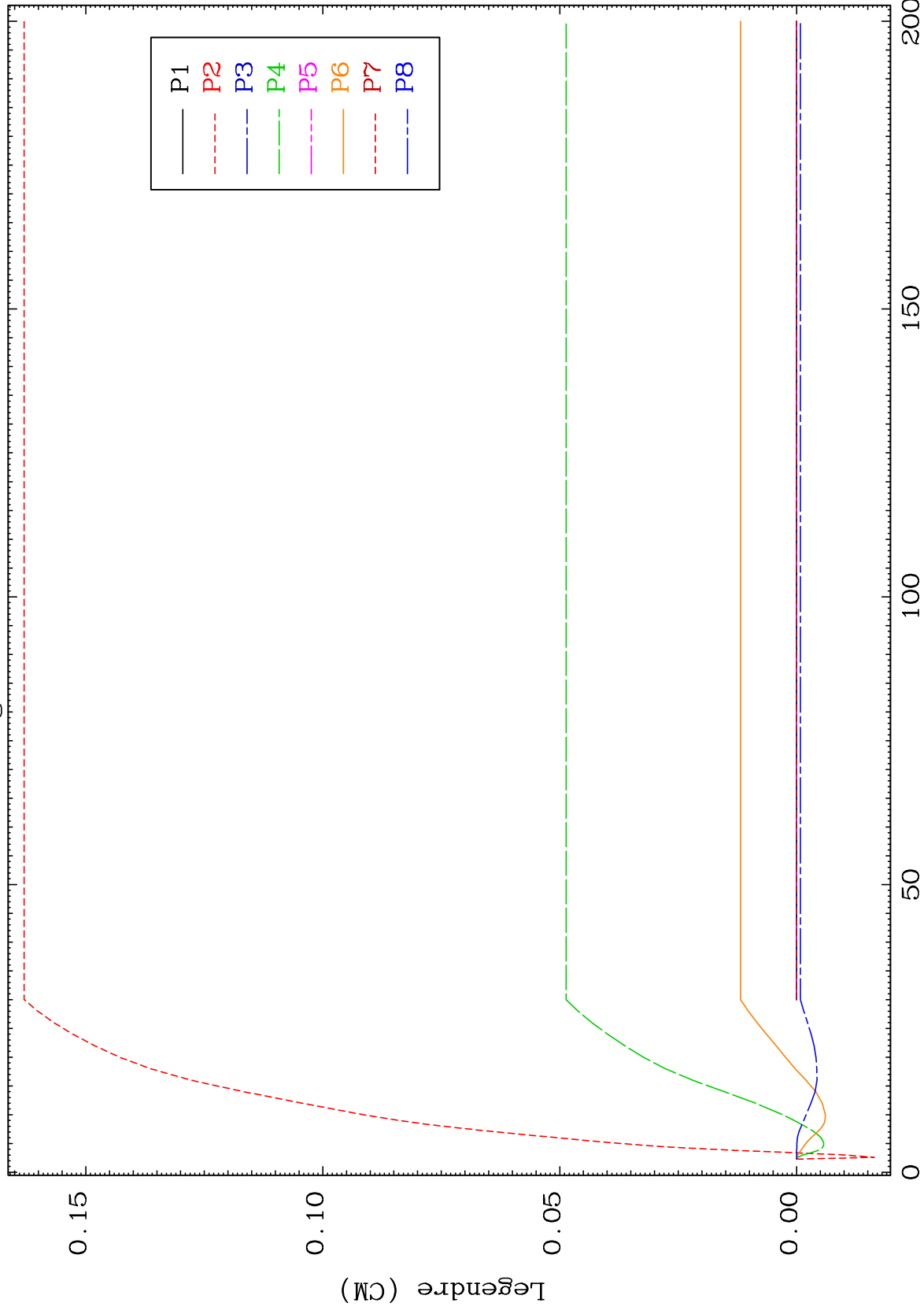
Legendre Coefficients



MAT 4443

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

44-Ru-102



82

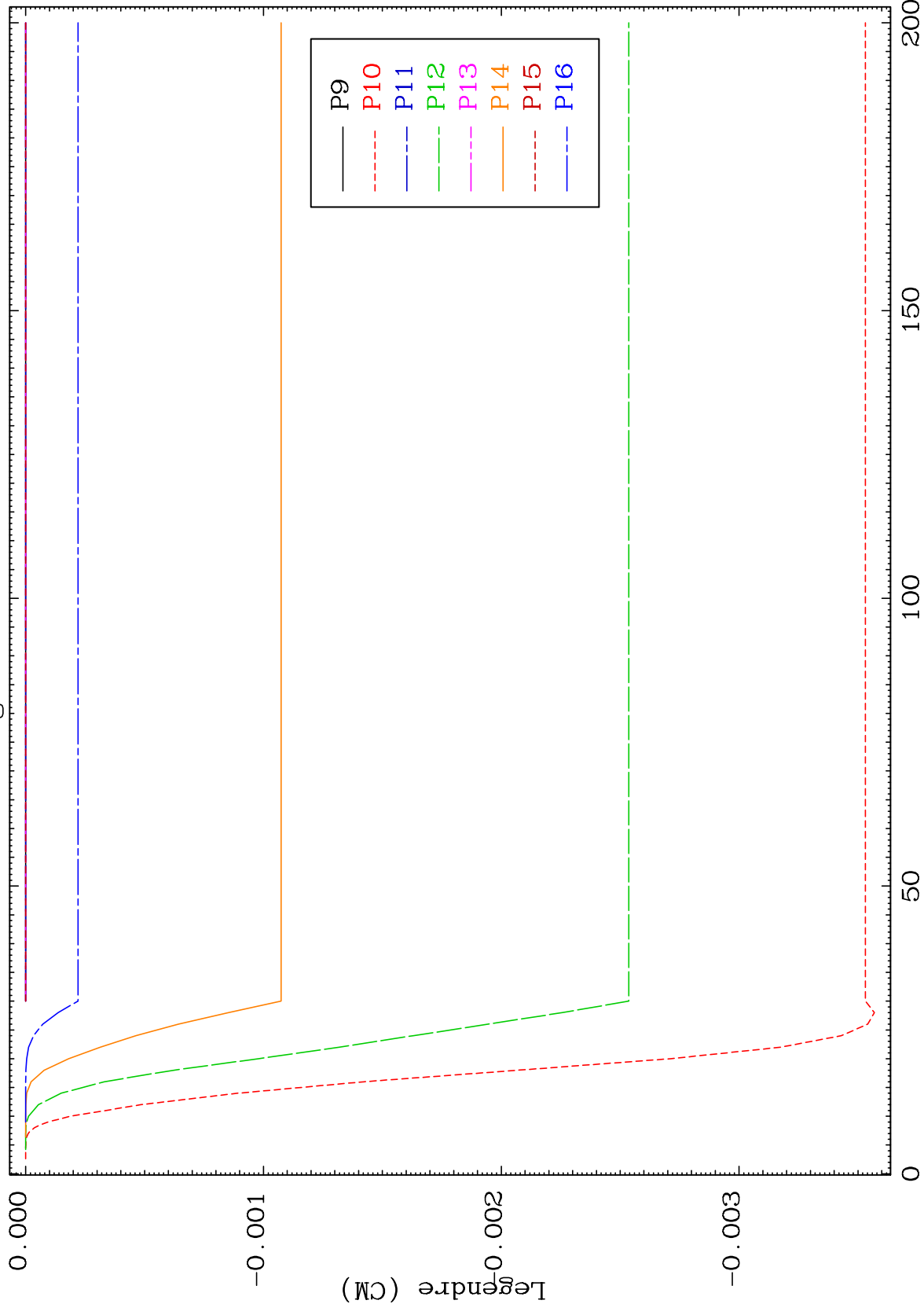
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

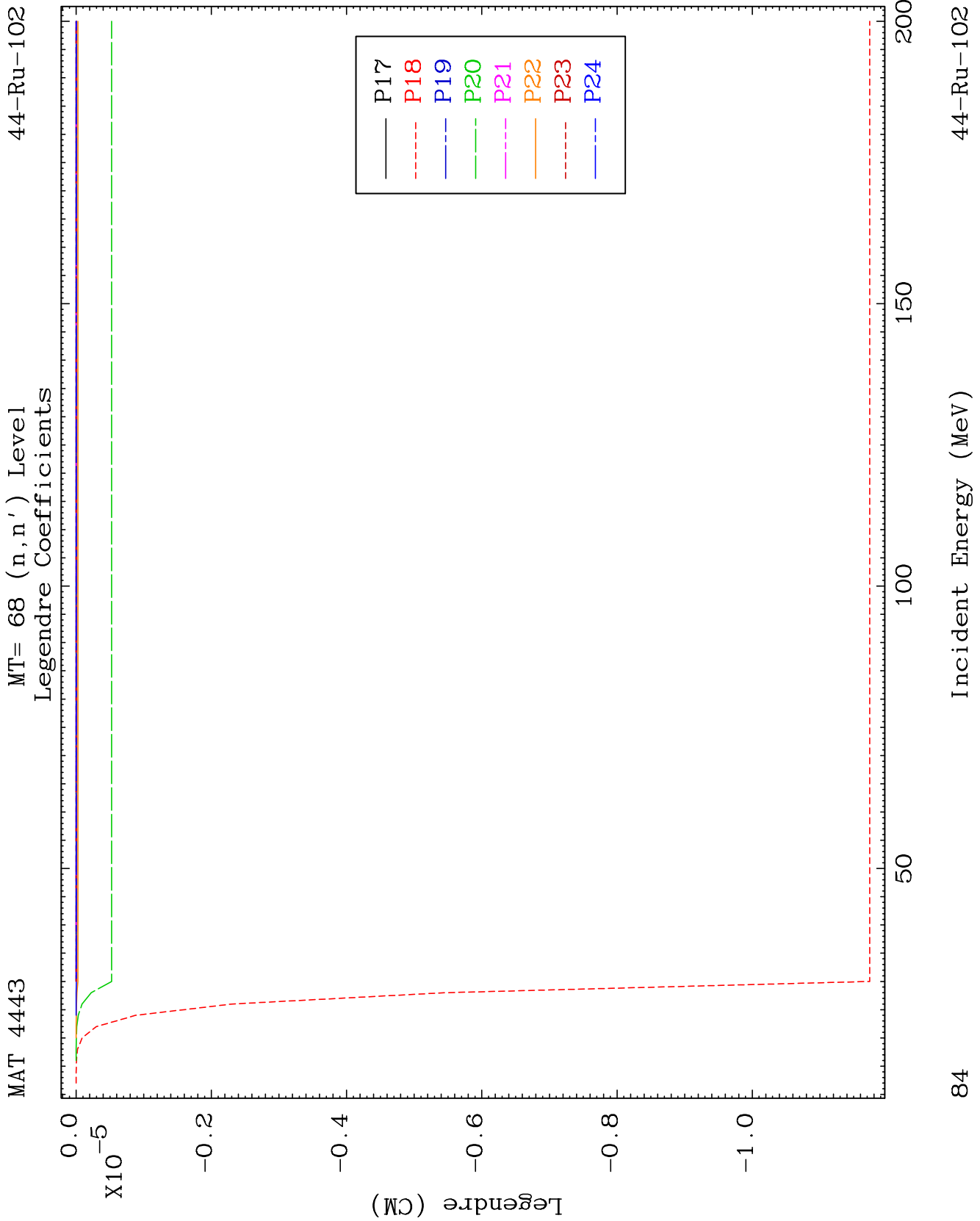
44-Ru-102



83

Incident Energy (MeV)

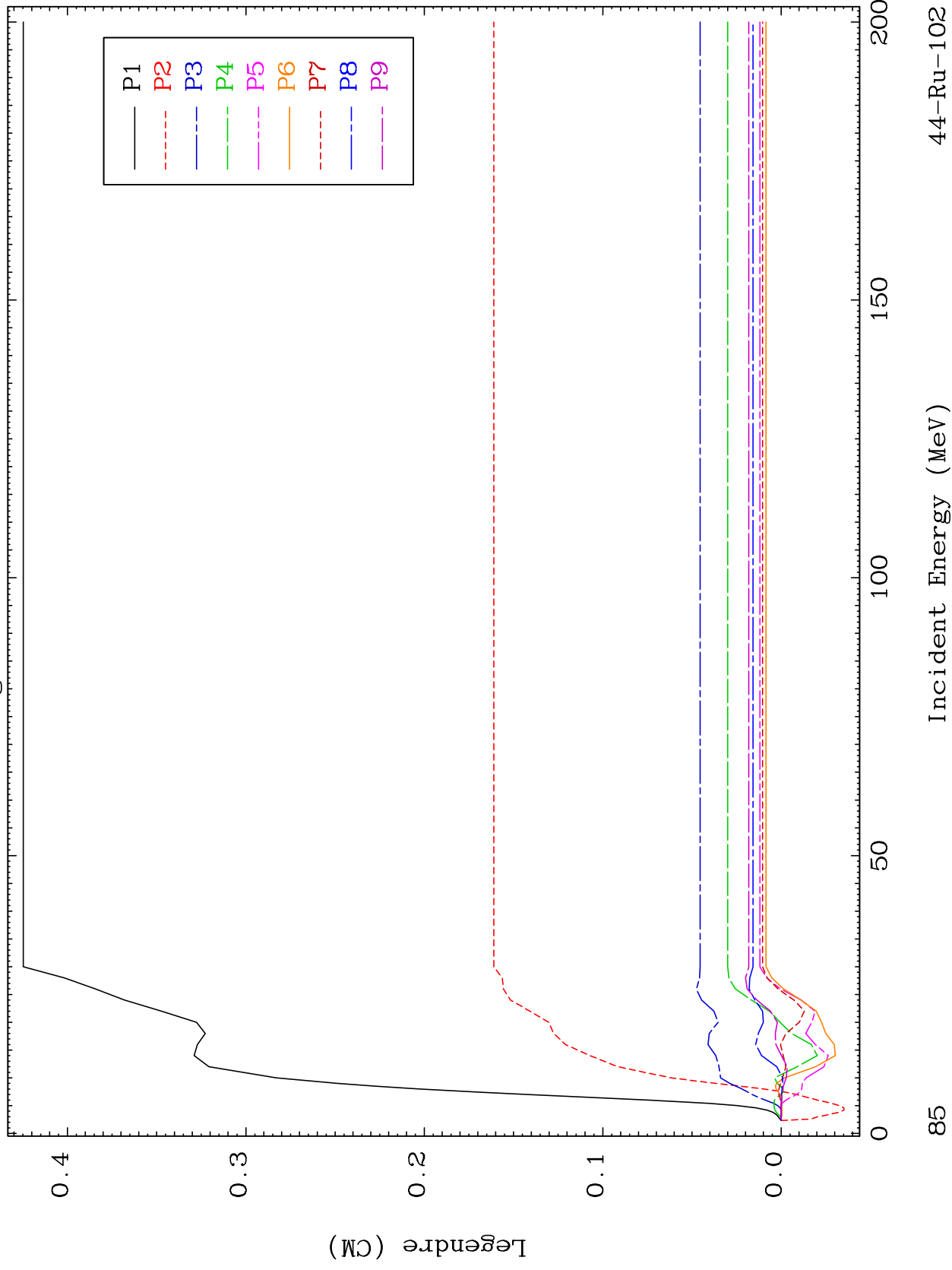
44-Ru-102



MAT 4443

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

44-Ru-102



44-Ru-102

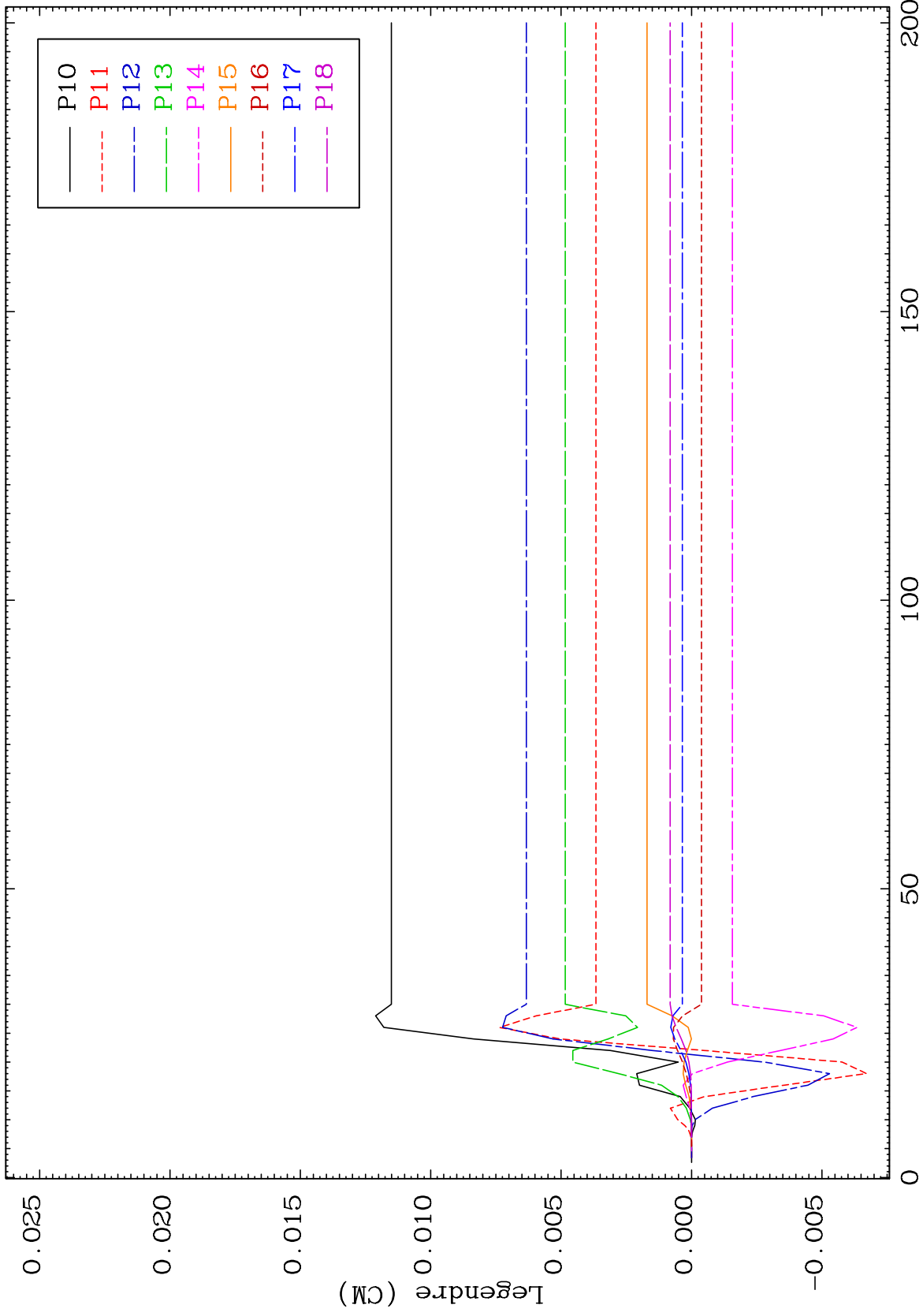
Incident Energy (MeV)

85

MAT 4443

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

44-Ru-102



86

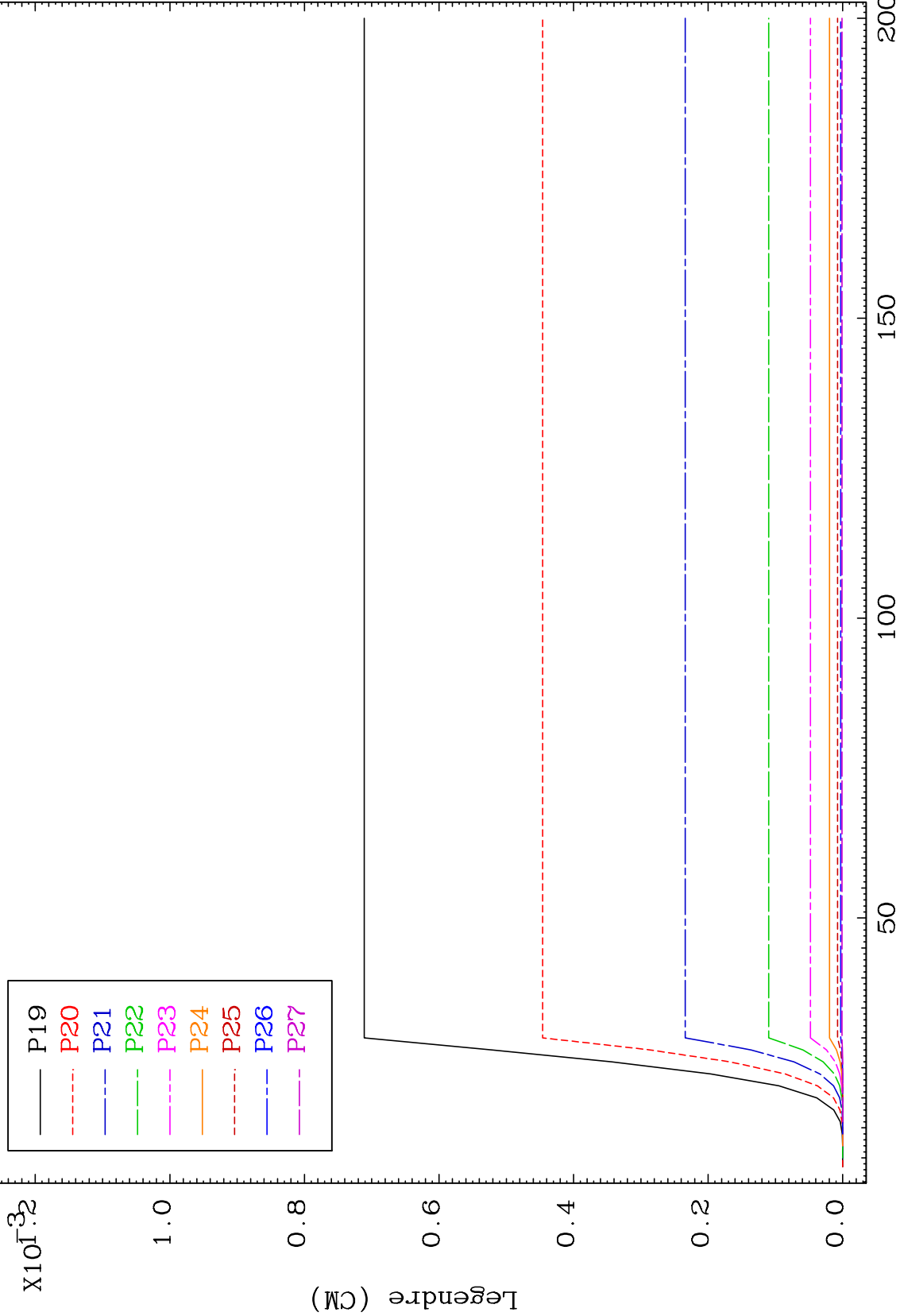
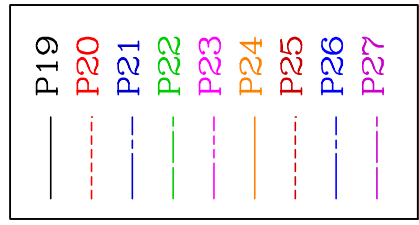
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



87

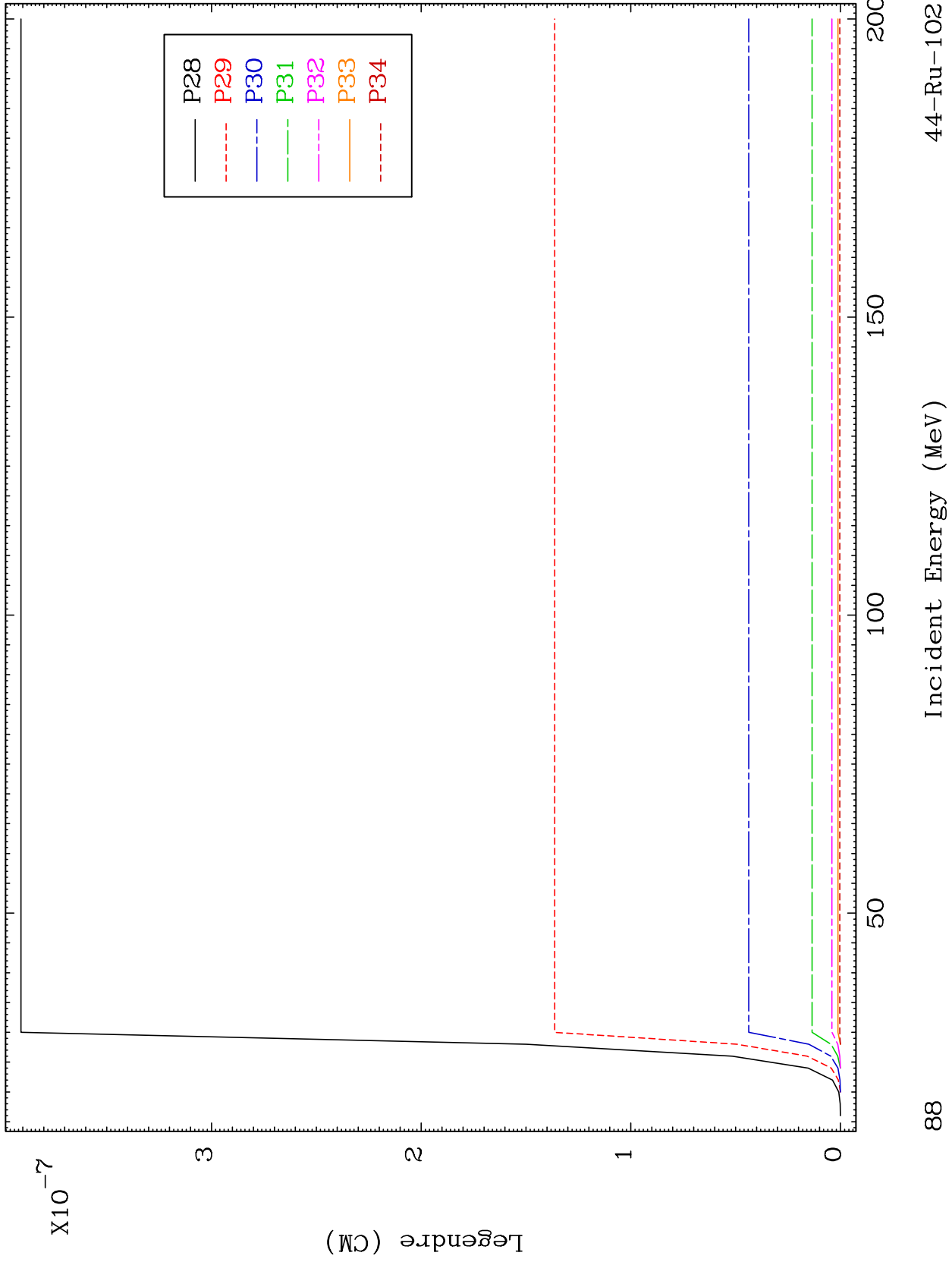
Incident Energy (MeV)

44-Ru-102

MAT 4443

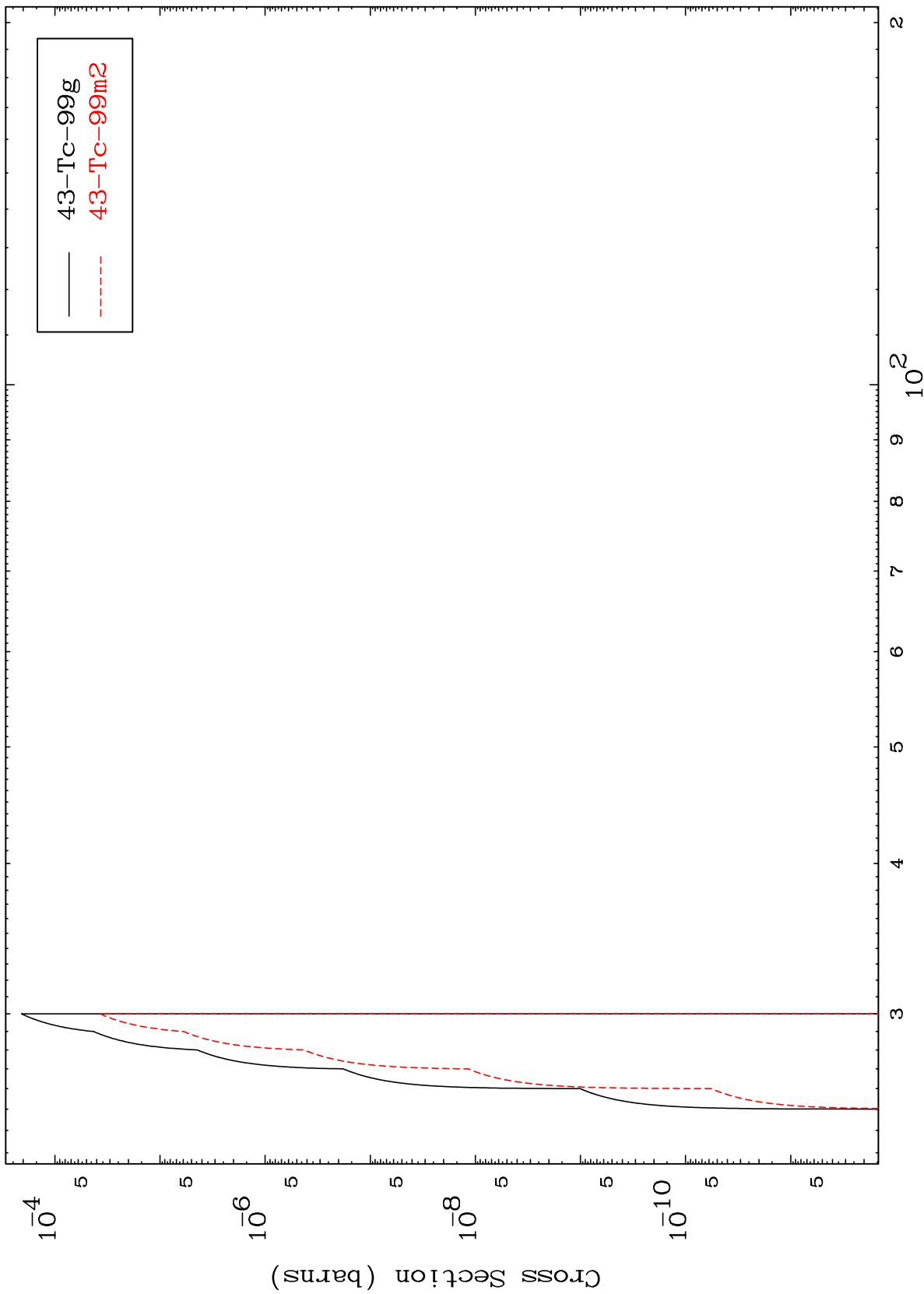
MT= 69 (n,n') Level  
Legendre Coefficients

44-Ru-102



88

Radionuclide Production Cross Section

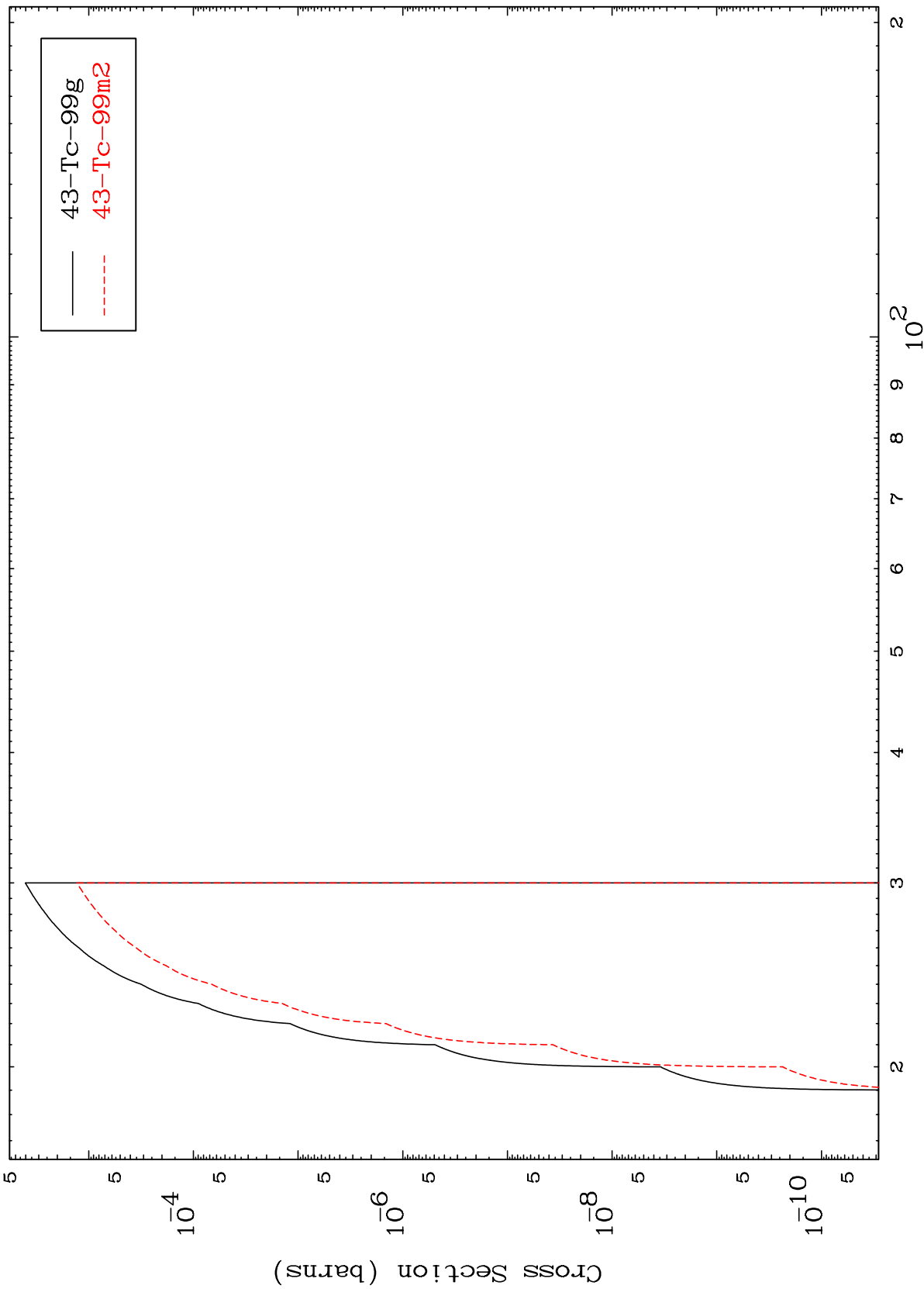


MAT 4443

(n,n') t

44-Ru-102

Radionuclide Production Cross Section

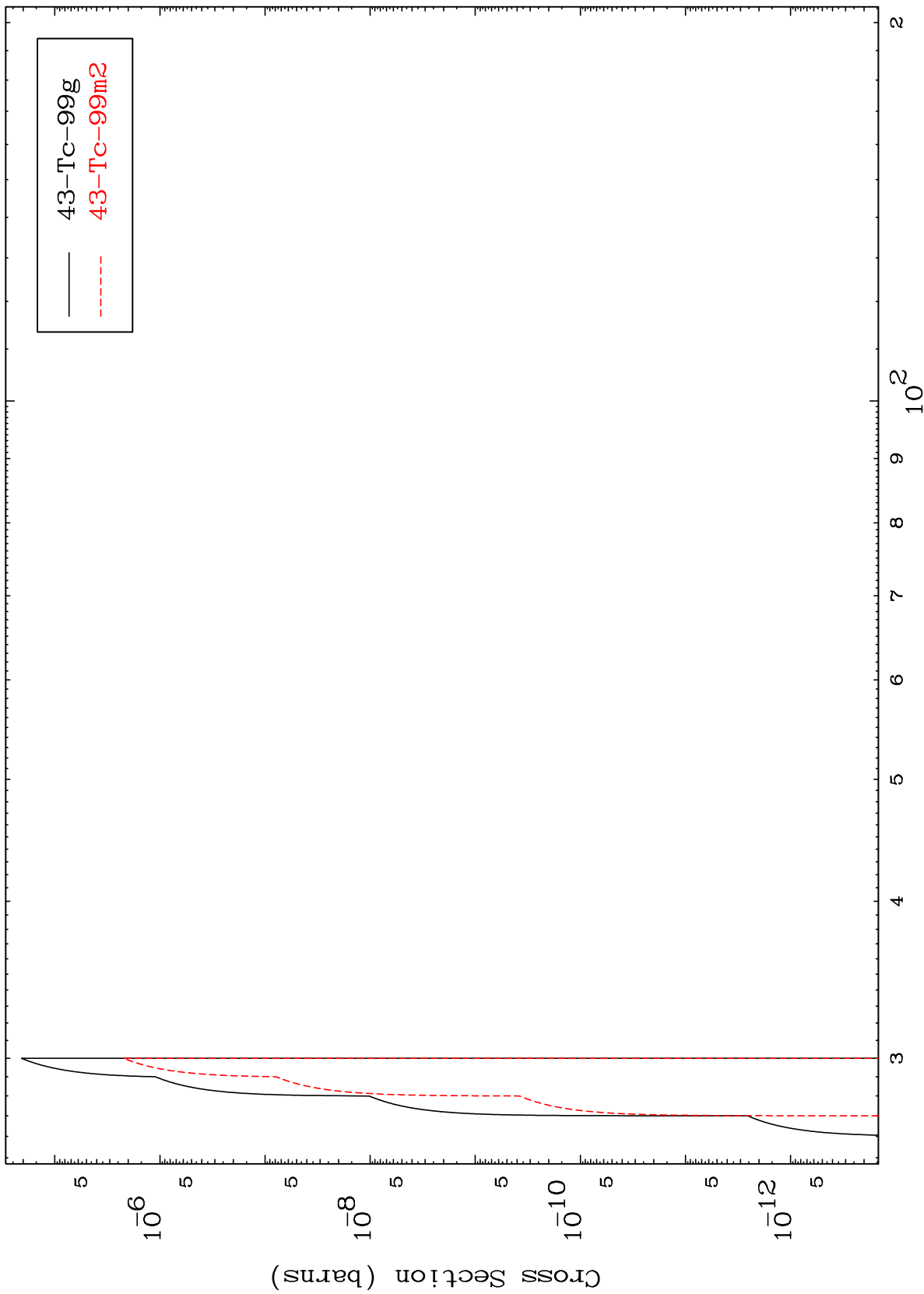


90

Incident Energy (MeV)

44-Ru-102

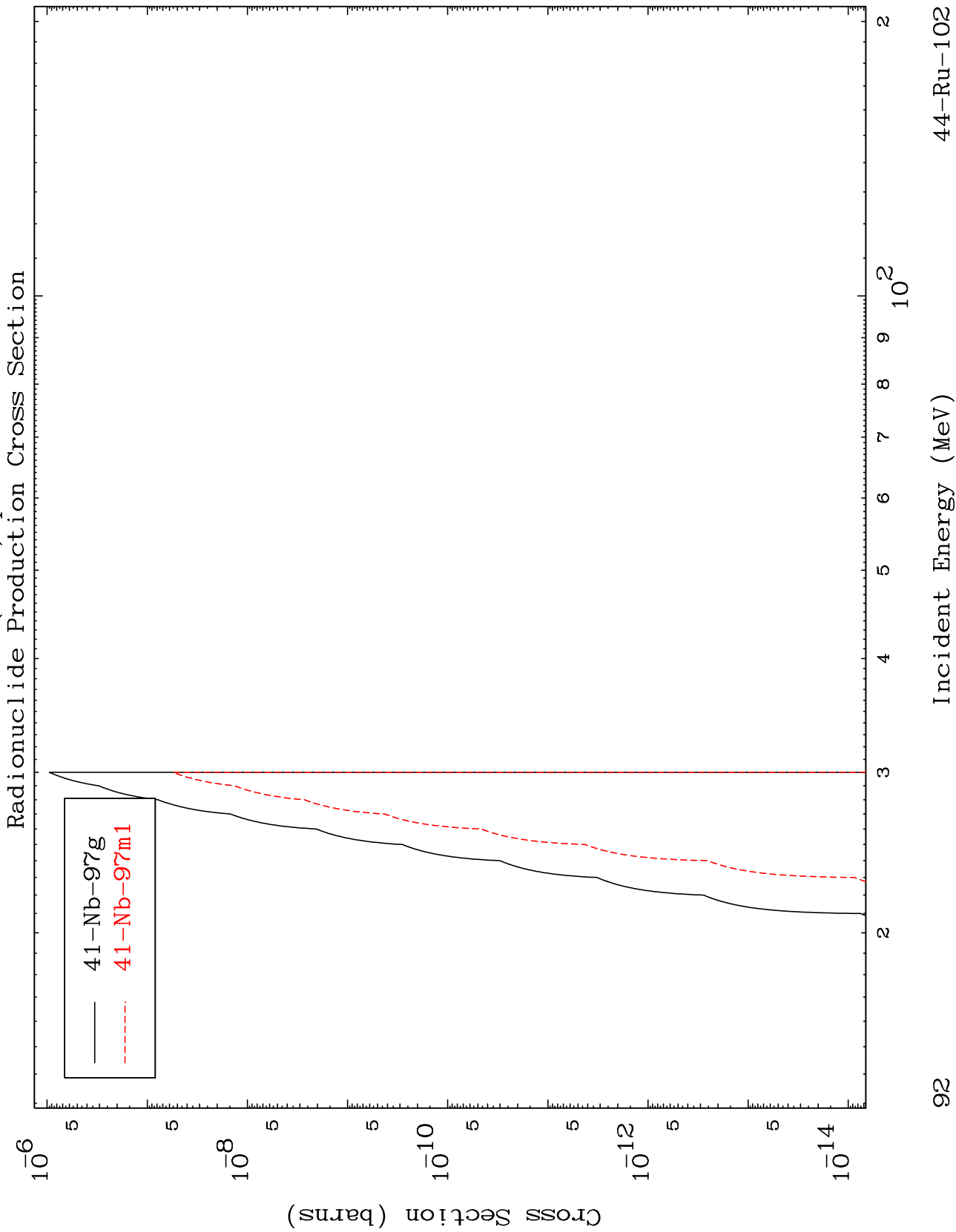
Radionuclide Production Cross Section



MAT 4443

(n,n') p  $\alpha$

44-Ru-102



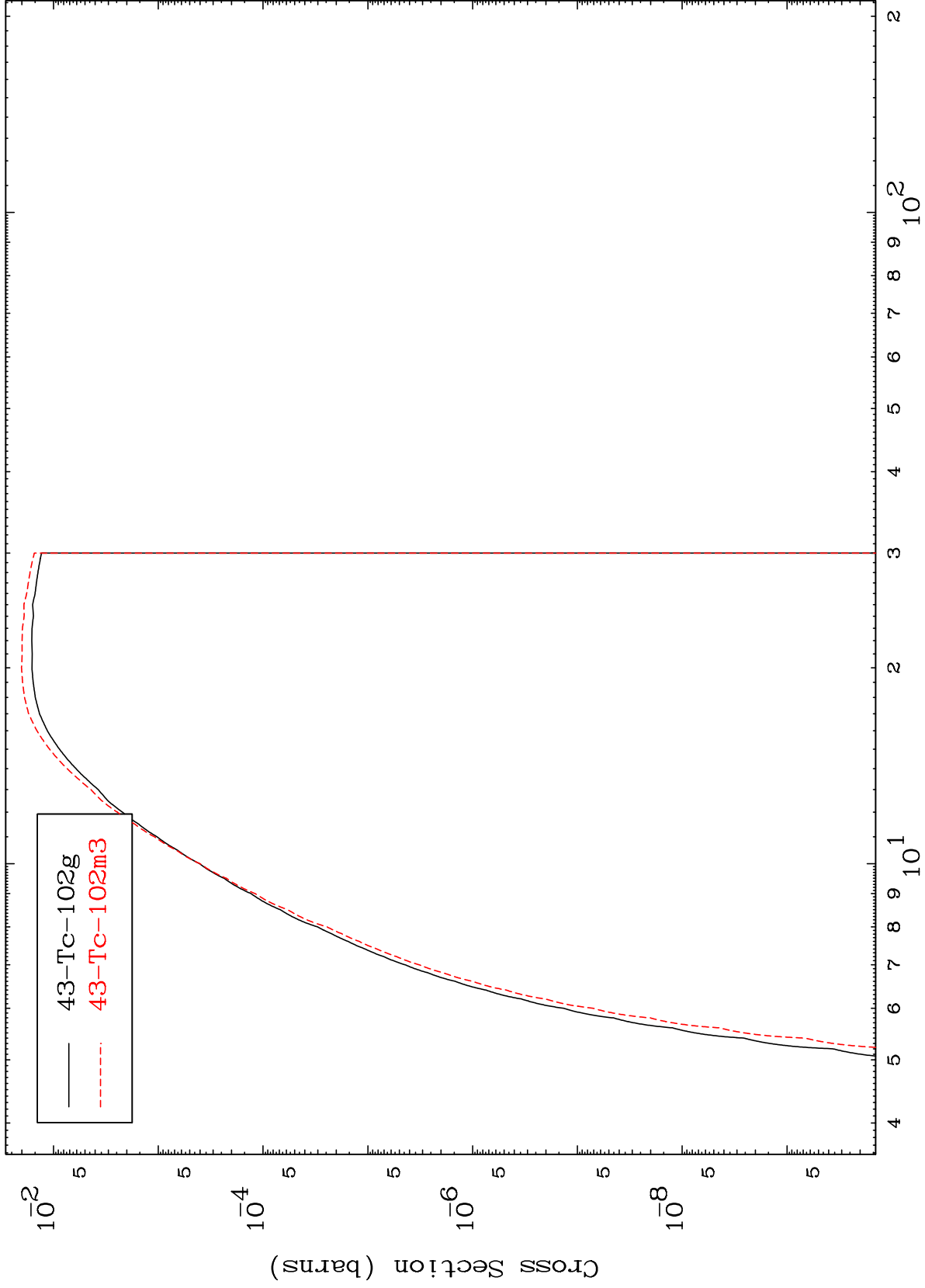
92

44-Ru-102

MAT 4443

44-Ru-102

(n,p)  
Radionuclide Production Cross Section



93

Incident Energy (MeV)

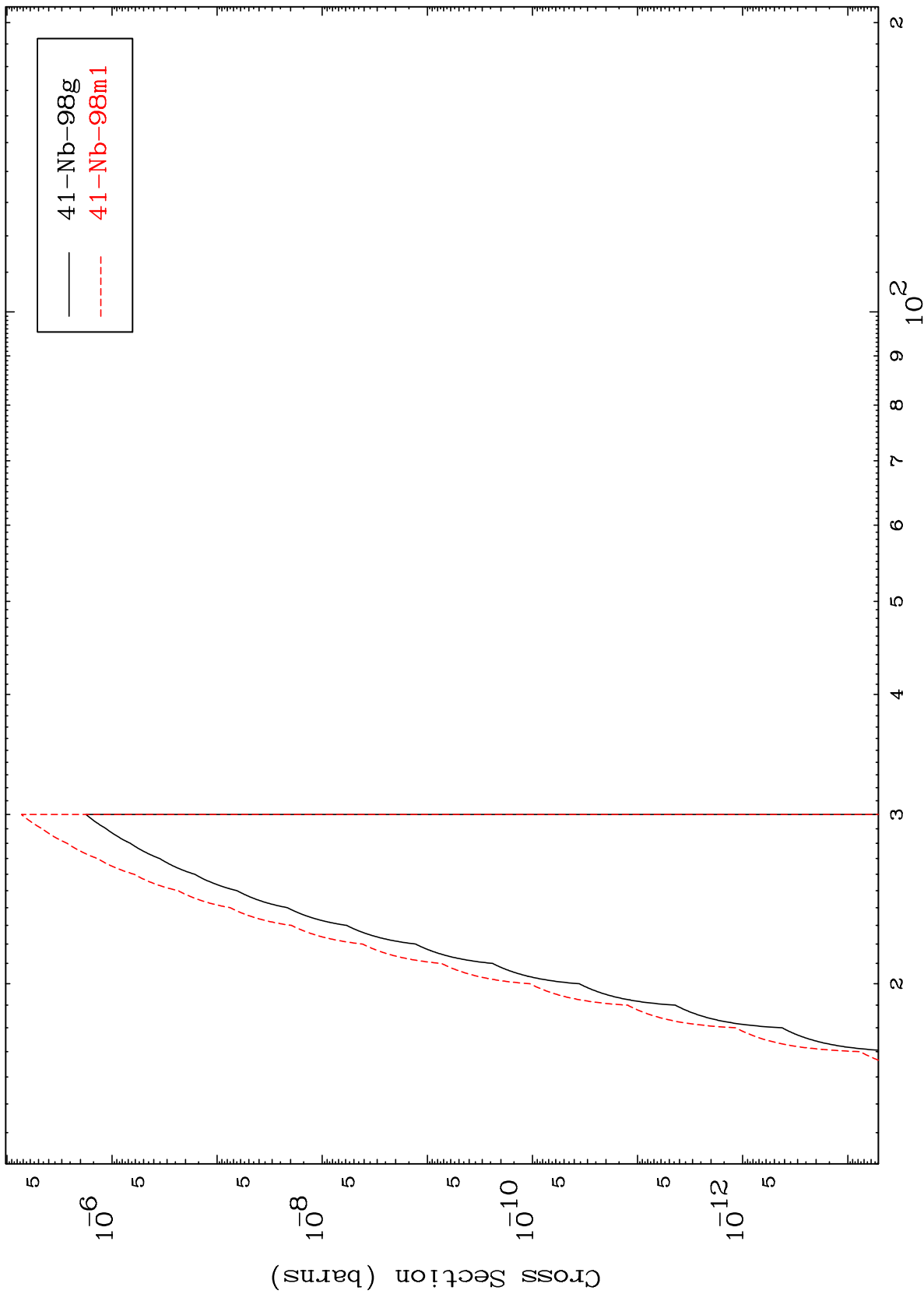
44-Ru-102

MAT 4443

(n,p)  $\alpha$

44-Ru-102

Radionuclide Production Cross Section



94

Incident Energy (MeV)

44-Ru-102

MAT 4443

(n,d)  $\alpha$

44-Ru-102

Radionuclide Production Cross Section

