

Program EVALPLOT  
(Version 2021-1)

by

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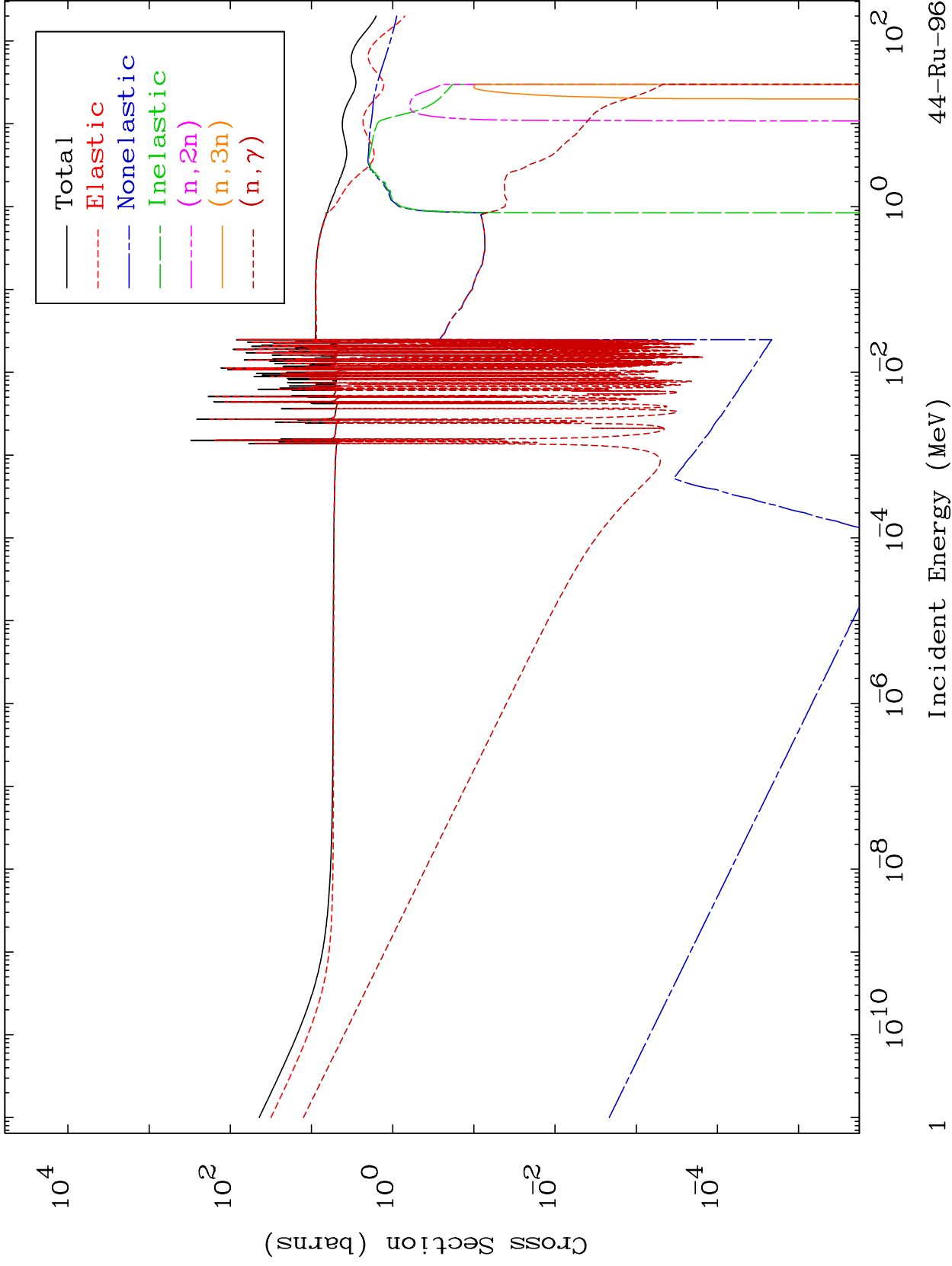
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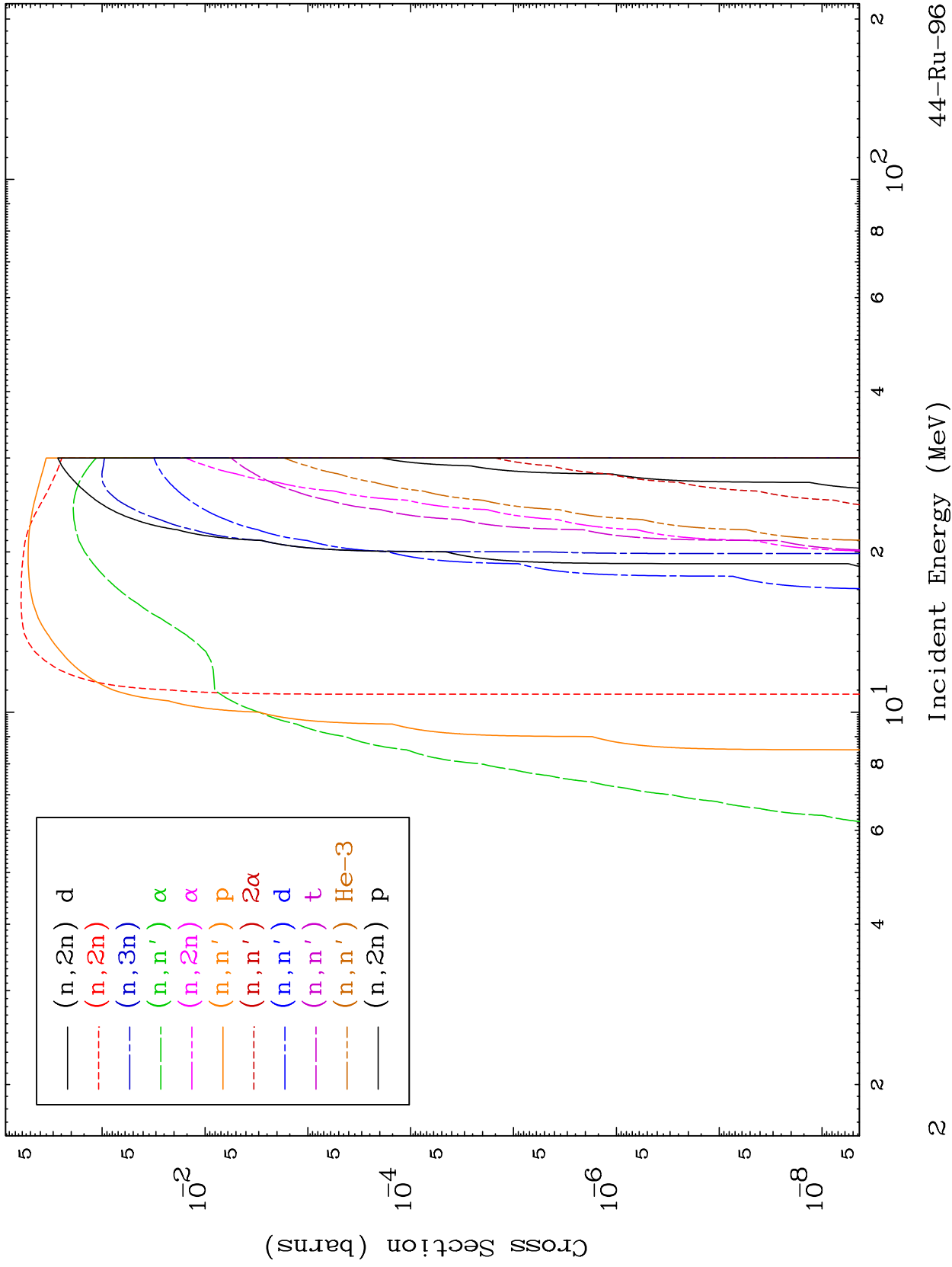
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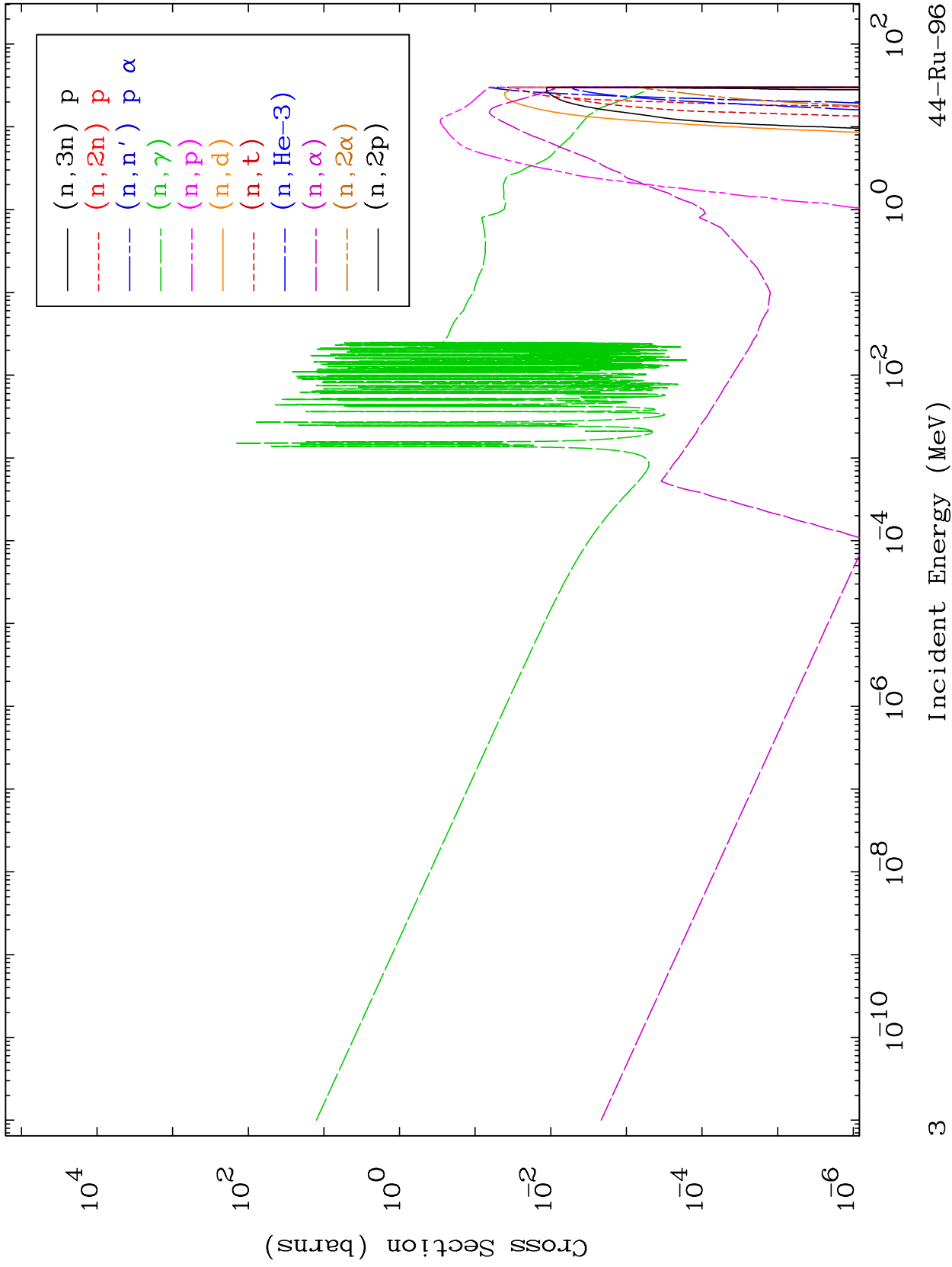
MAT 4425

Neutron Major  
293 Kelvin Cross Sections

44-Ru-96



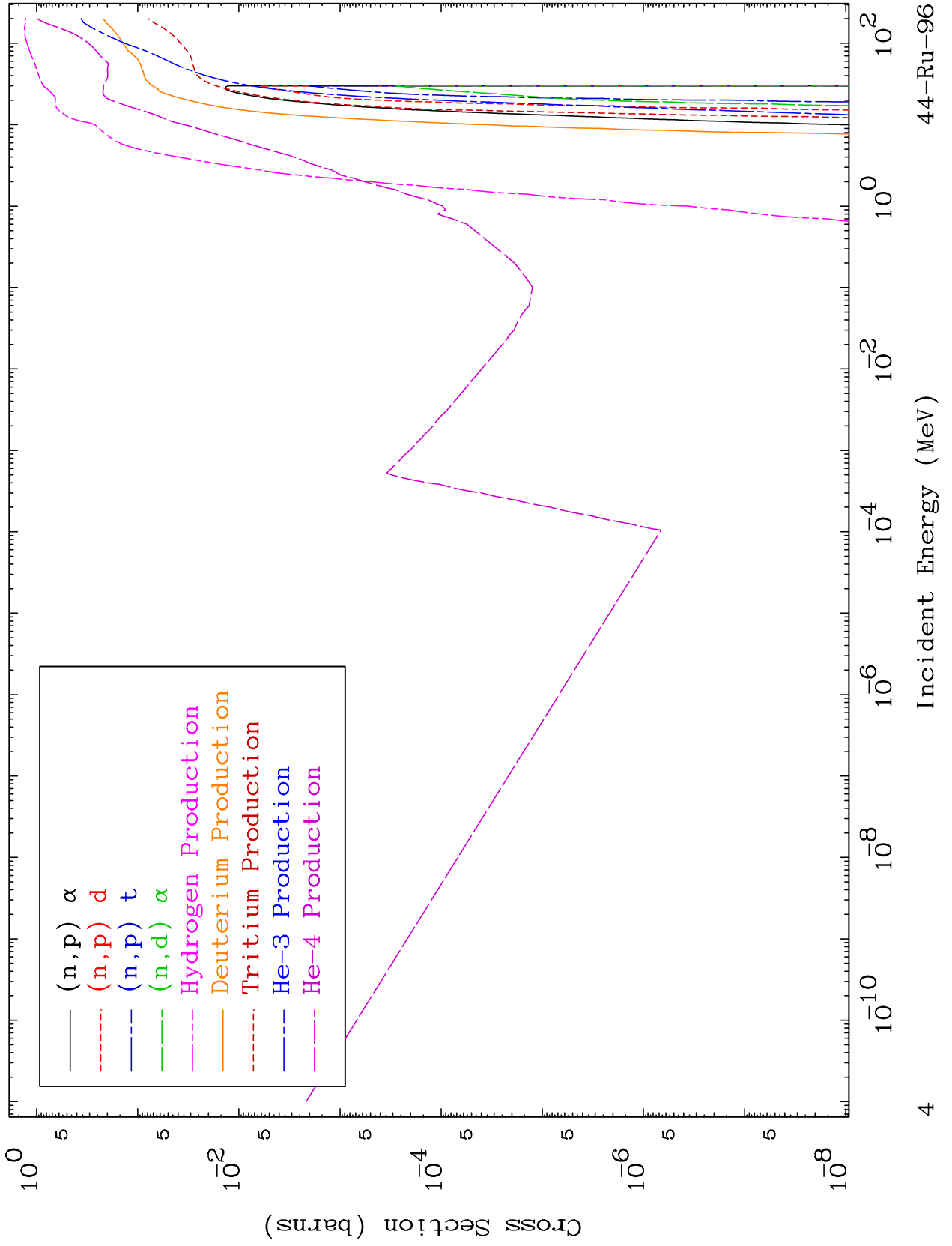




MAT 4425

Neutron Absorption  
293 Kelvin Cross Sections

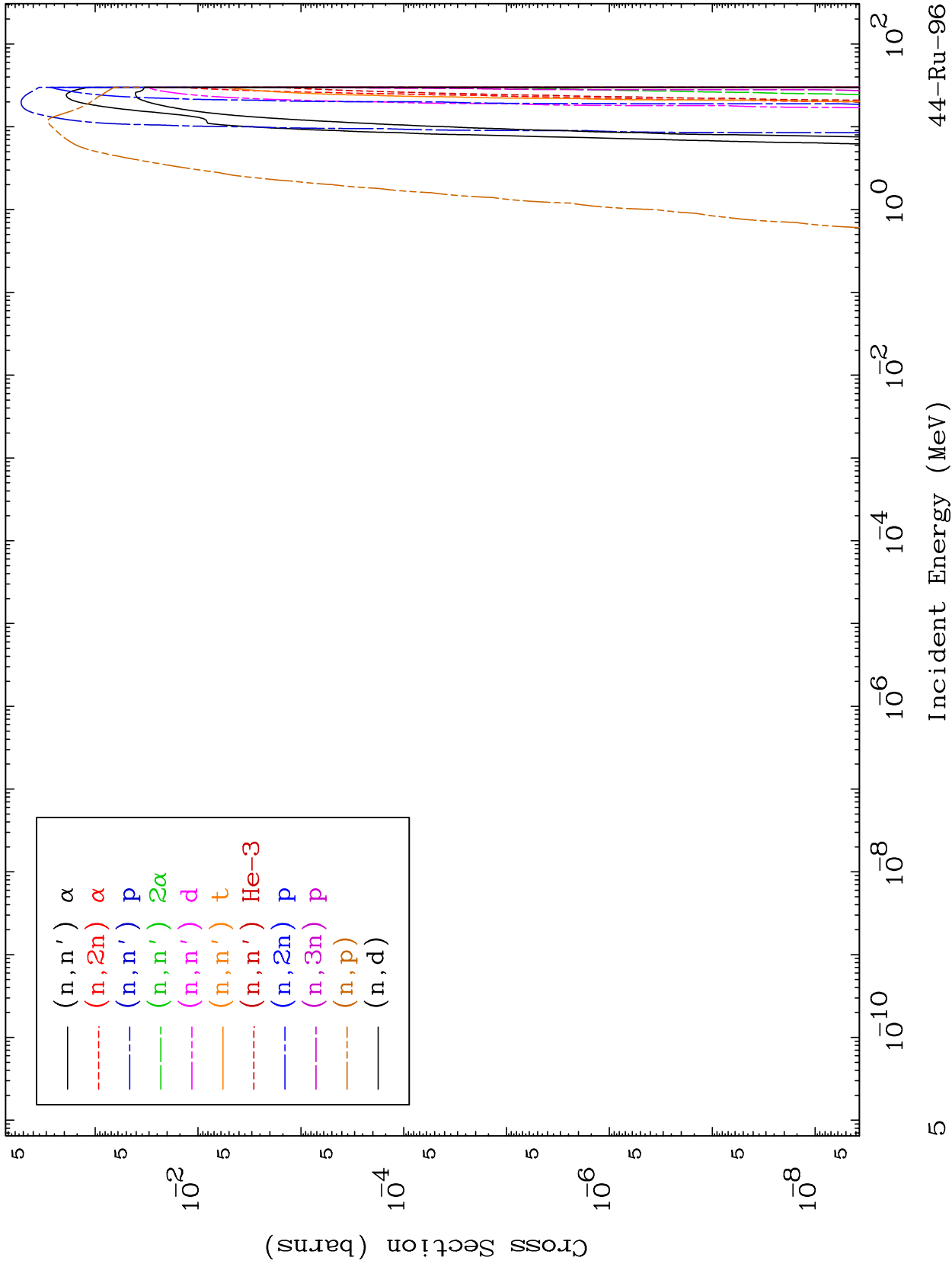
44-Ru-96



MAT 4425

Charged Particle  
293 Kelvin Cross Sections

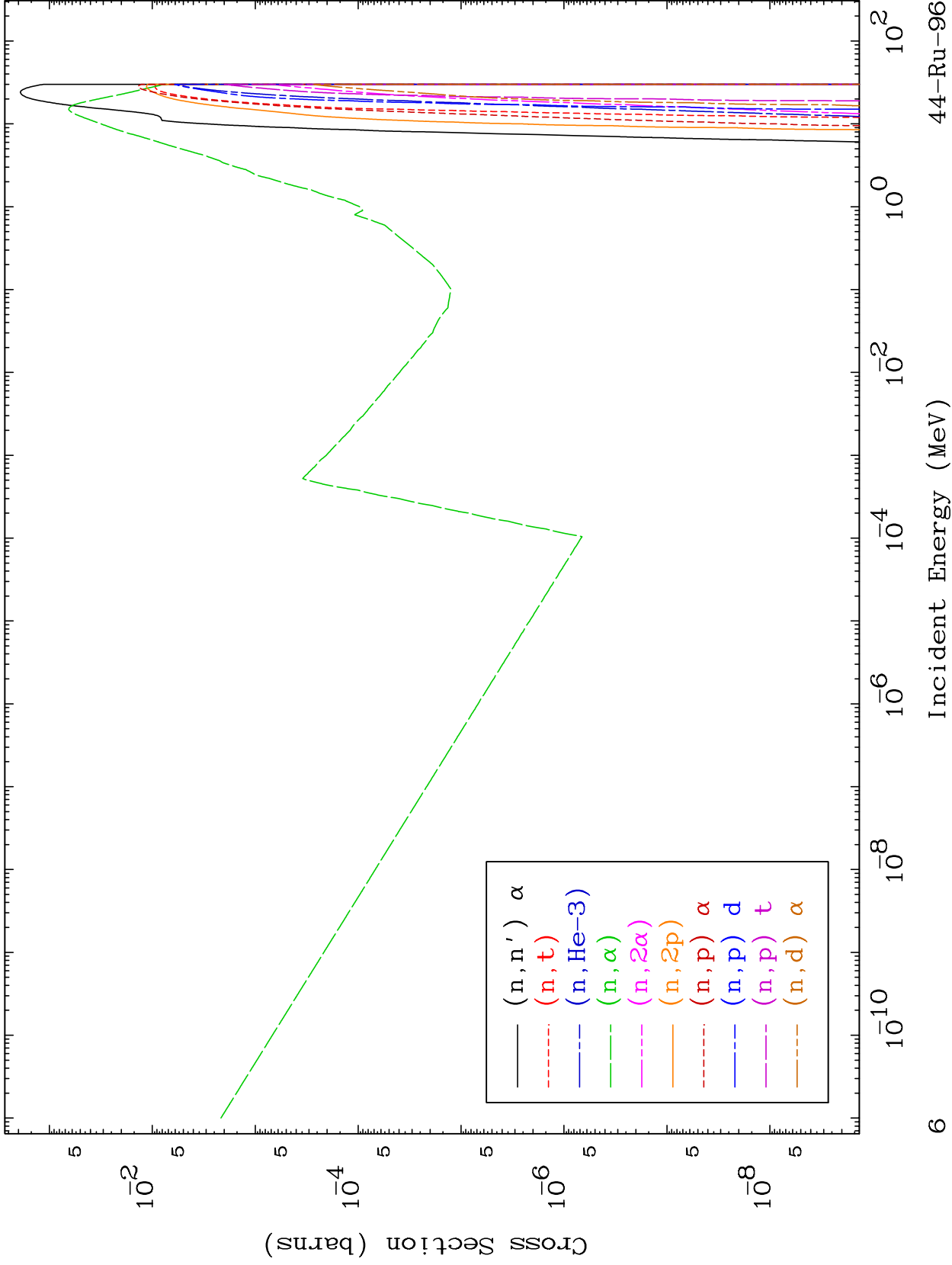
44-Ru-96



MAT 4425

Charged Particle  
293 Kelvin Cross Sections

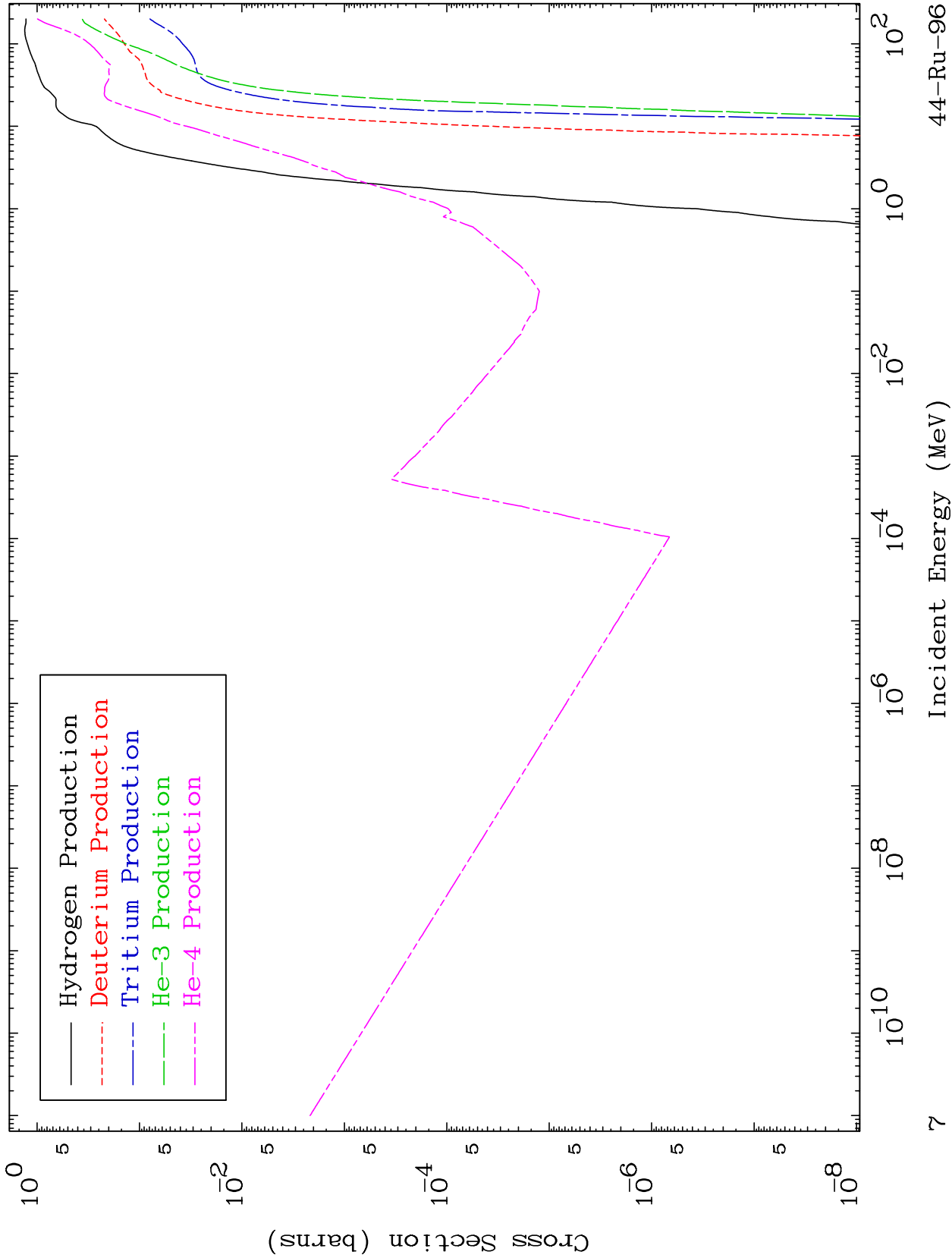
44-Ru-96



MAT 4425

Particle Production  
293 Kelvin Cross Sections

44-Ru-96

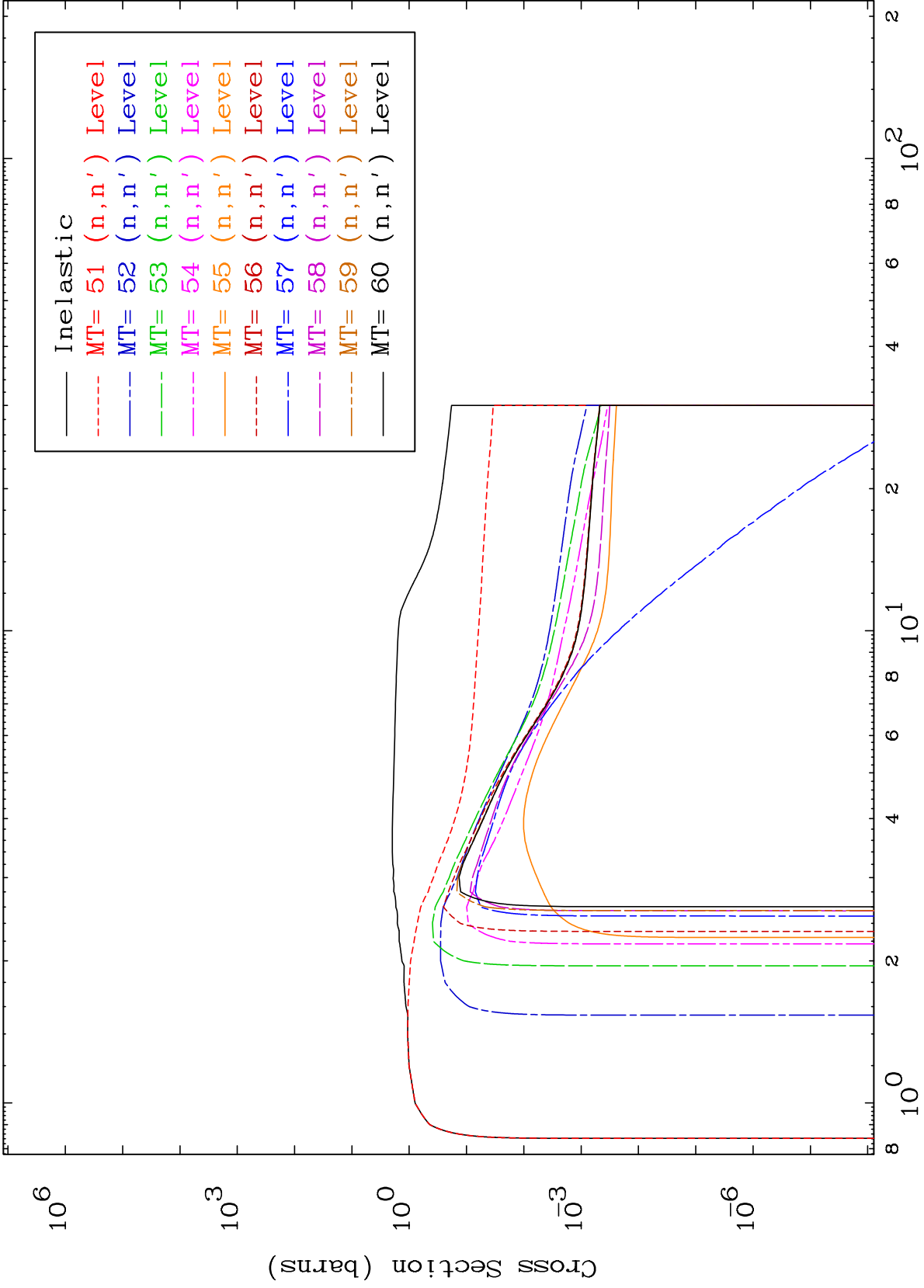


MAT 4425

(n,n') Levels

44-Ru-96

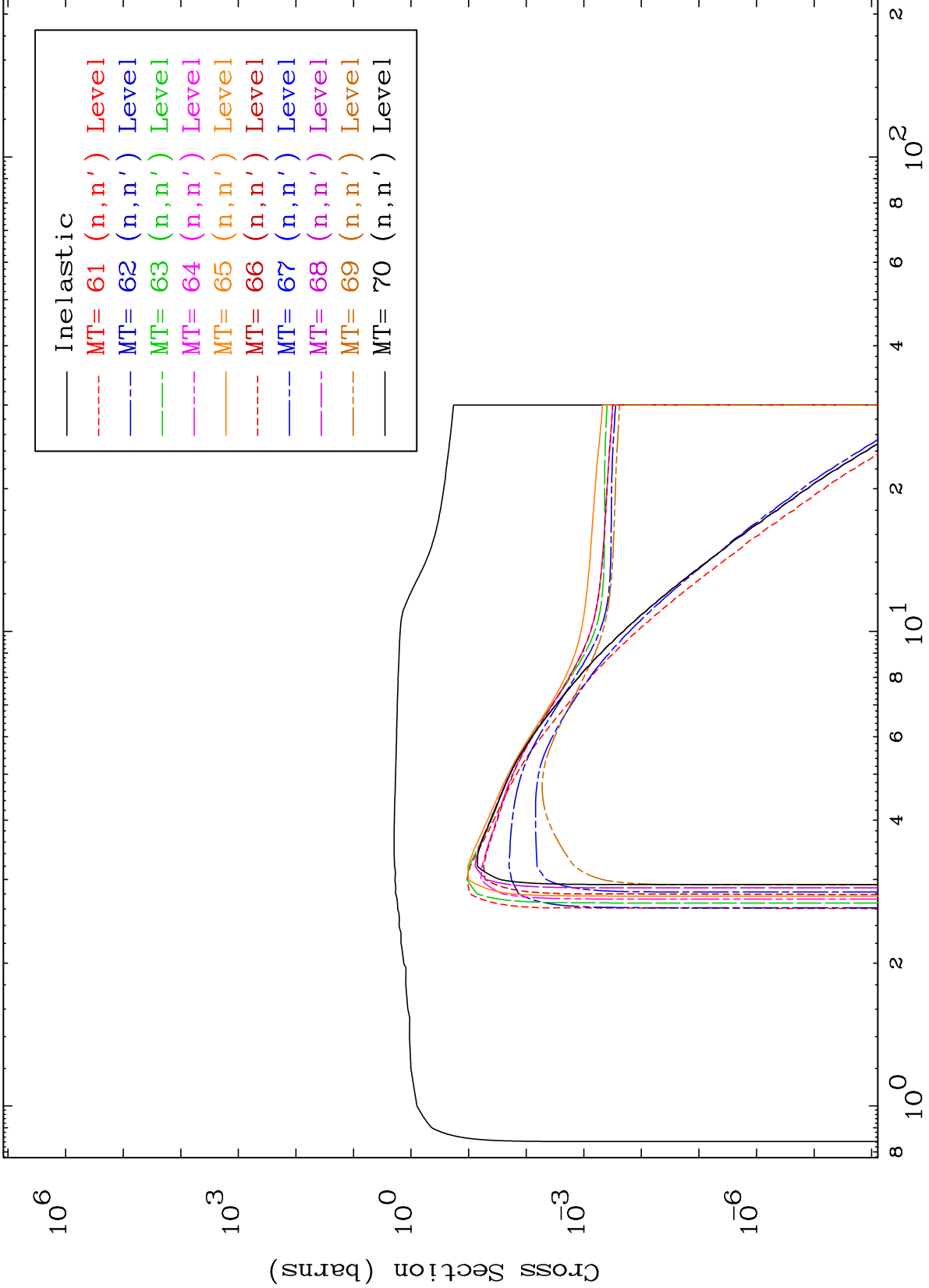
293 Kelvin Cross Sections



Incident Energy (MeV)

44-Ru-96

293 Kelvin Cross Sections

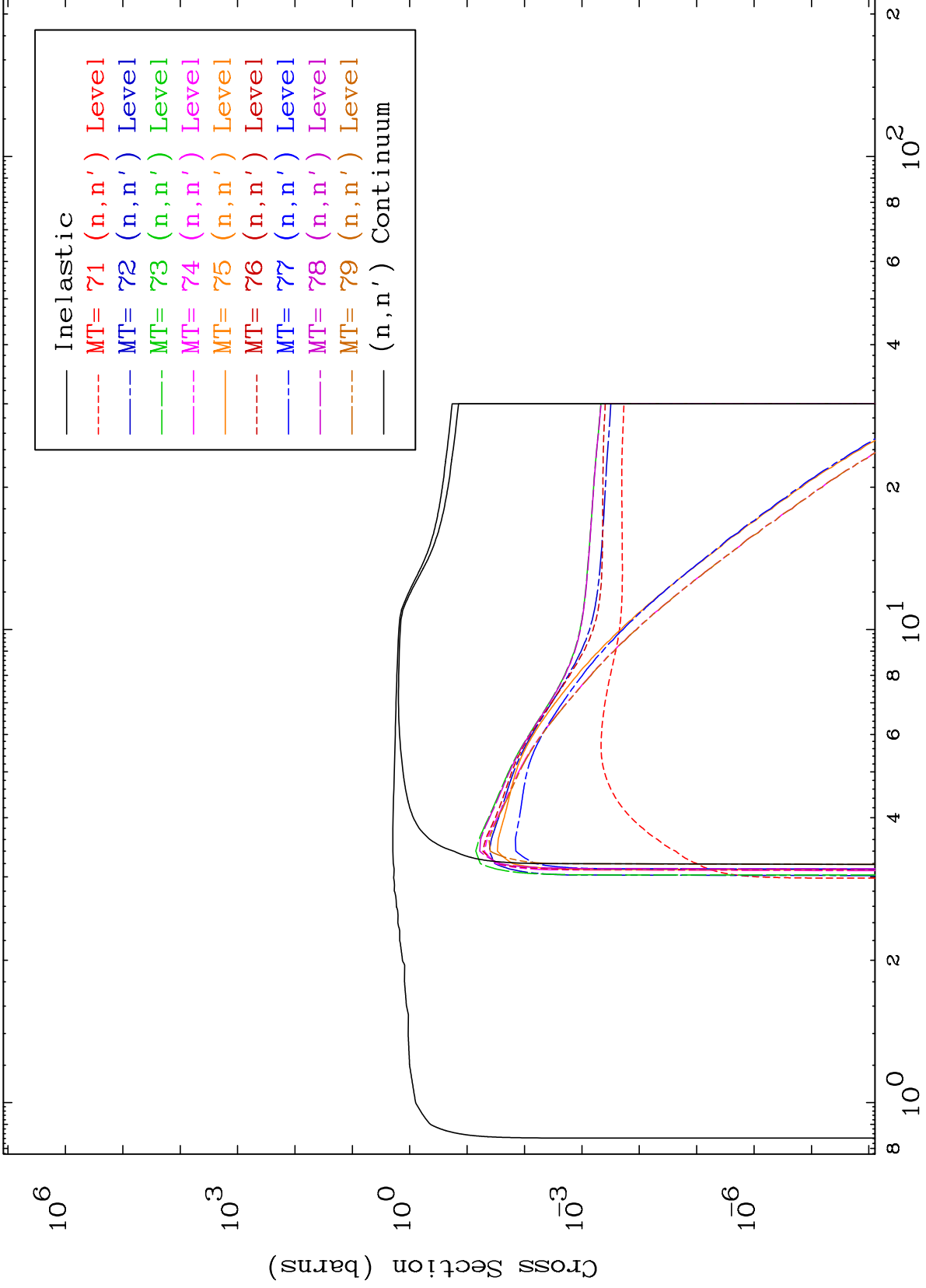


MAT 4425

(n,n') Levels

44-Ru-96

293 Kelvin Cross Sections



10

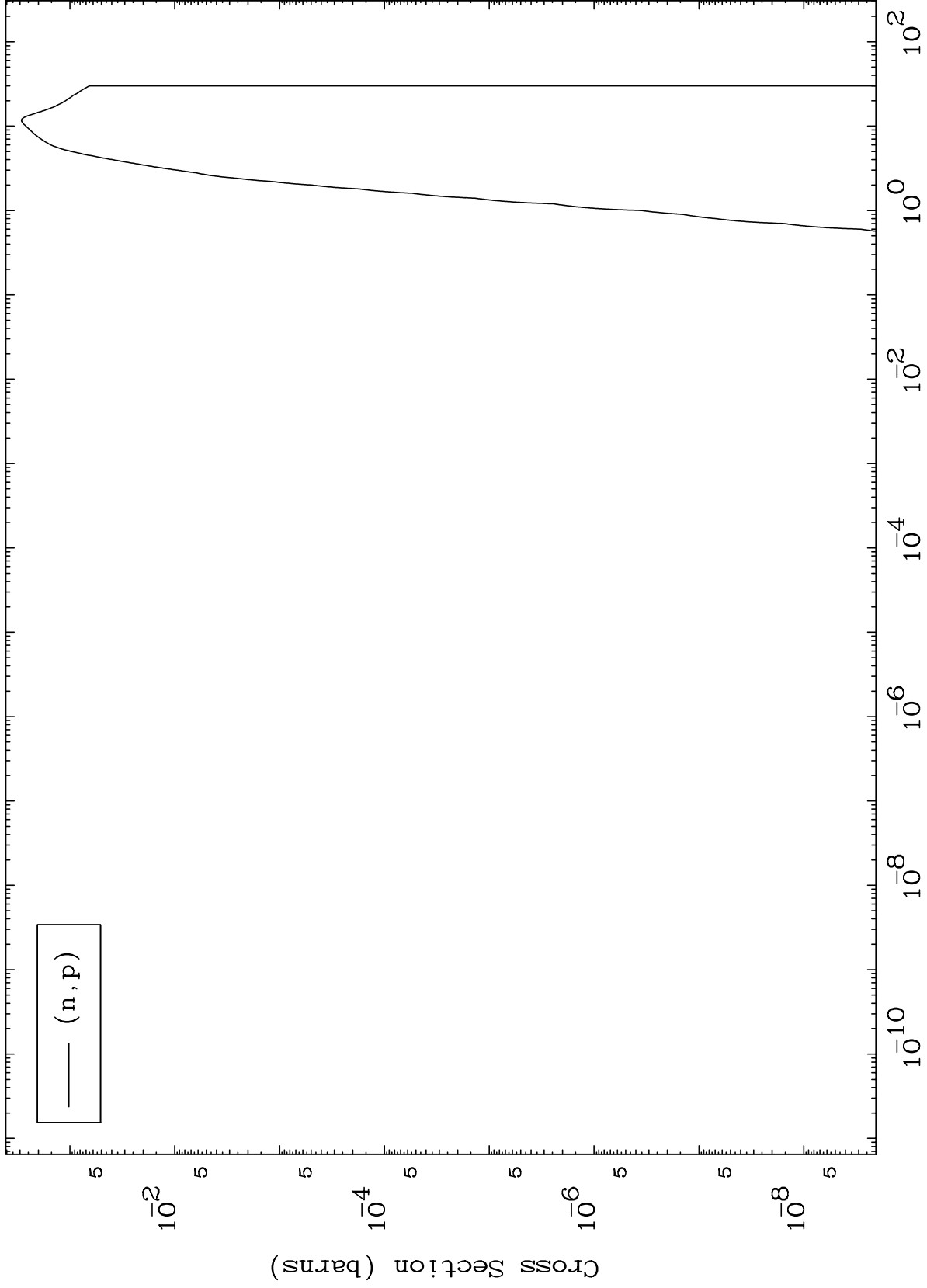
Incident Energy (MeV)

44-Ru-96

MAT 4425

(n,p) Levels  
293 Kelvin Cross Sections

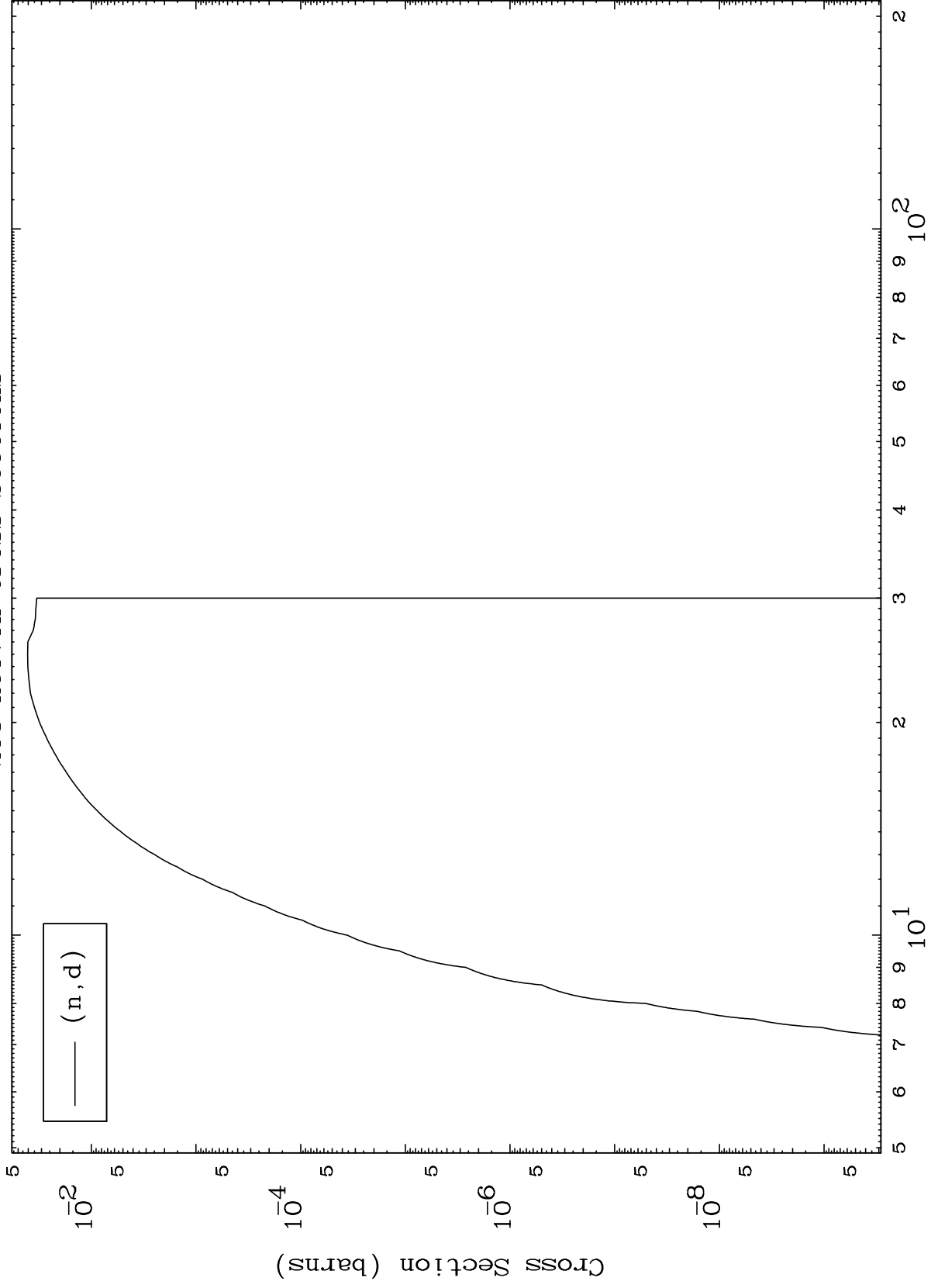
44-Ru-96



MAT 4425

(n,d) Levels  
293 Kelvin Cross Sections

44-Ru-96



12

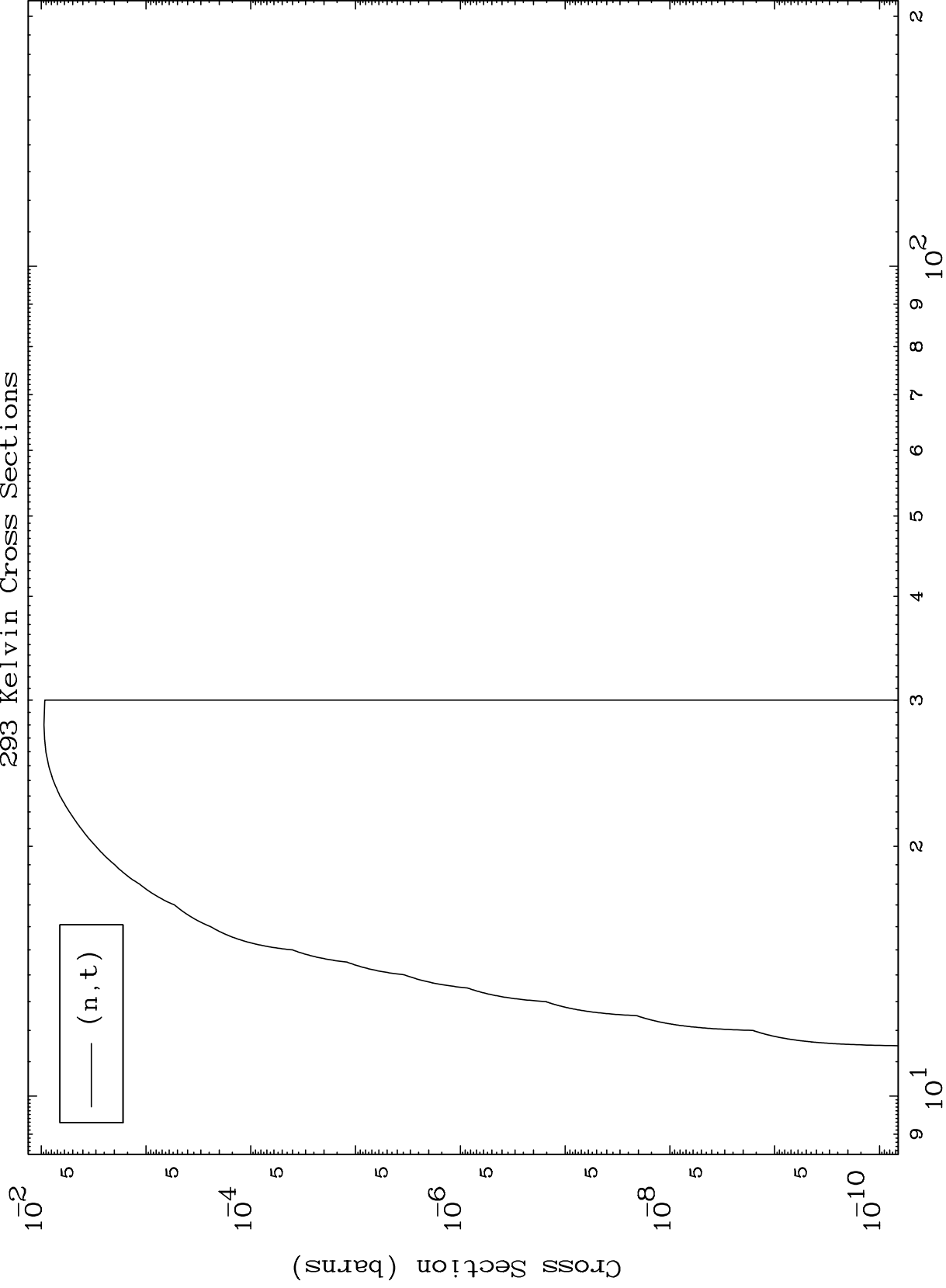
Incident Energy (MeV)

44-Ru-96

MAT 4425

(n,t) Levels  
293 Kelvin Cross Sections

44-Ru-96



13

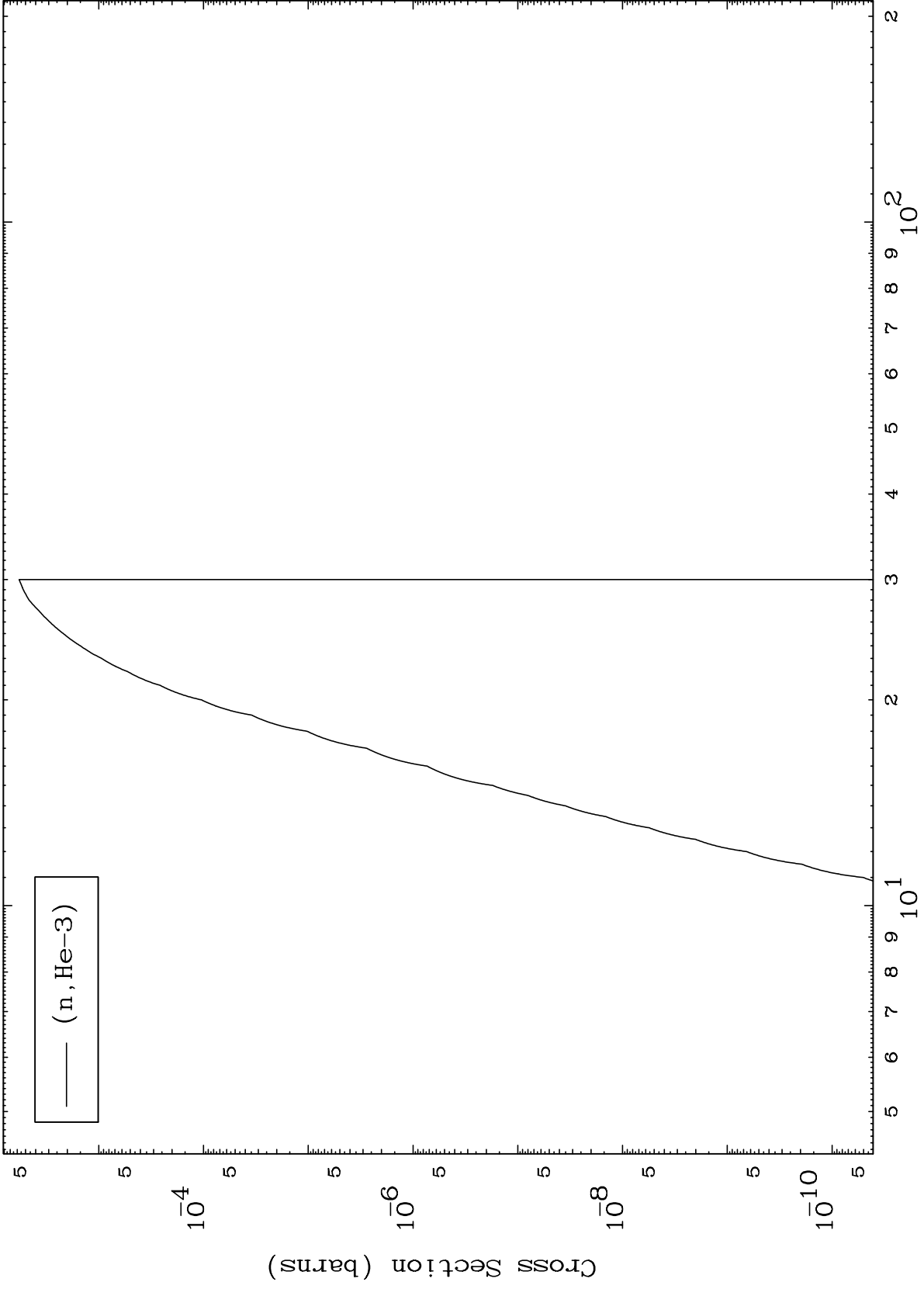
Incident Energy (MeV)

44-Ru-96

MAT 4425

(n,He3) Levels  
293 Kelvin Cross Sections

44-Ru-96



14

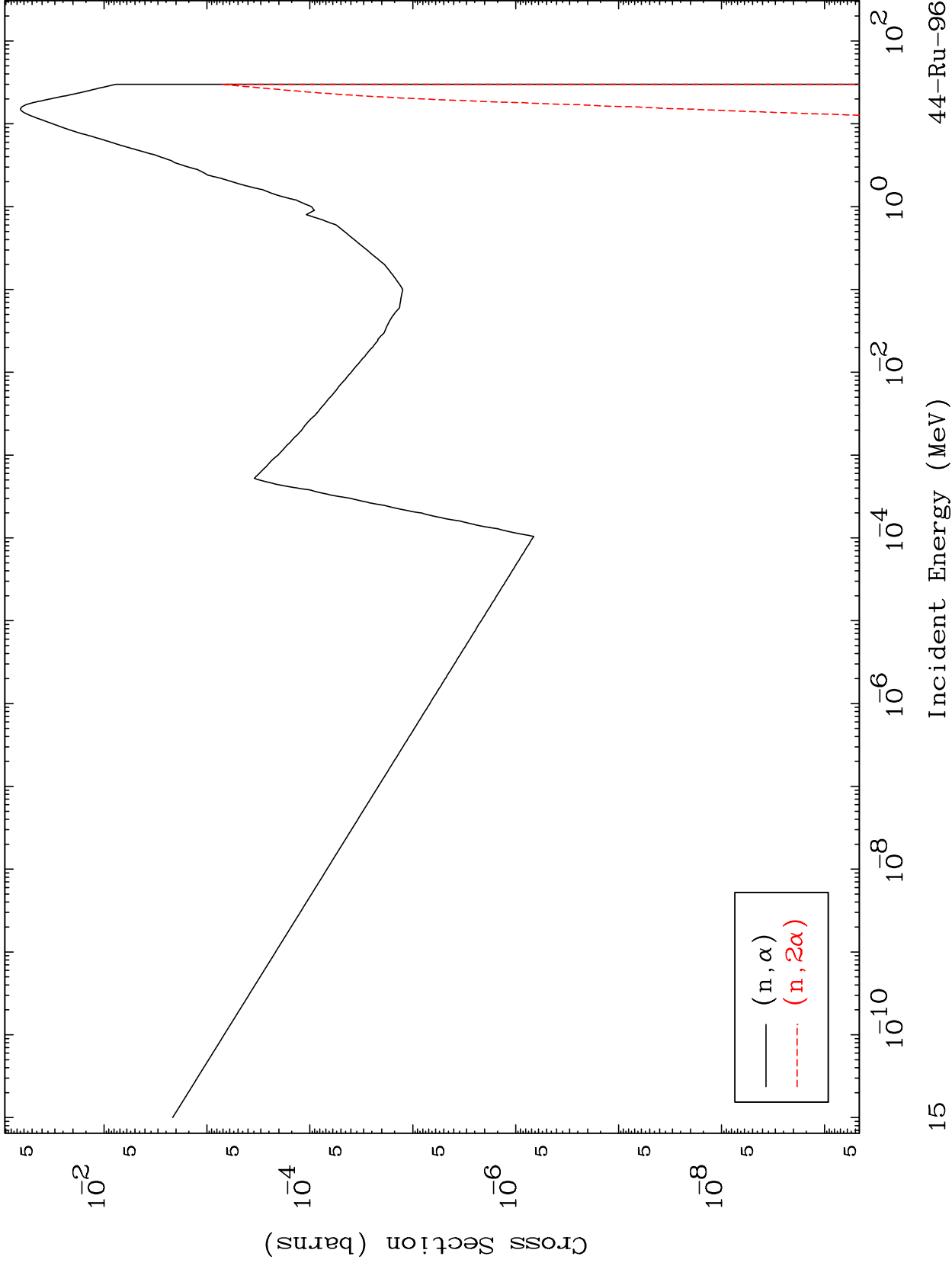
Incident Energy (MeV)

44-Ru-96

MAT 4425

(n,α) Levels  
293 Kelvin Cross Sections

44-Ru-96



15

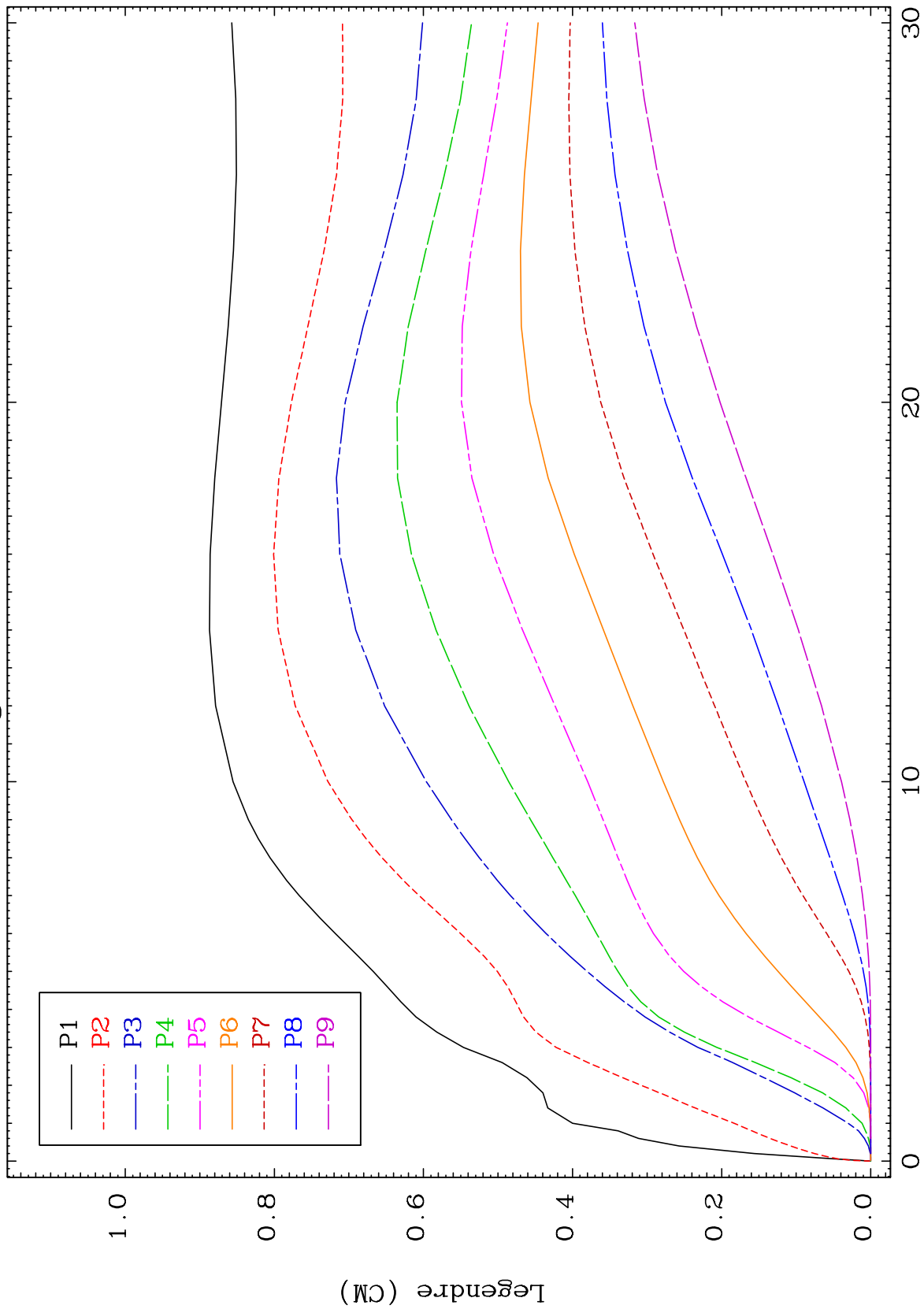
Incident Energy (MeV)

44-Ru-96

MAT 4425

Elastic Legendre Coefficients

44-Ru-96



16

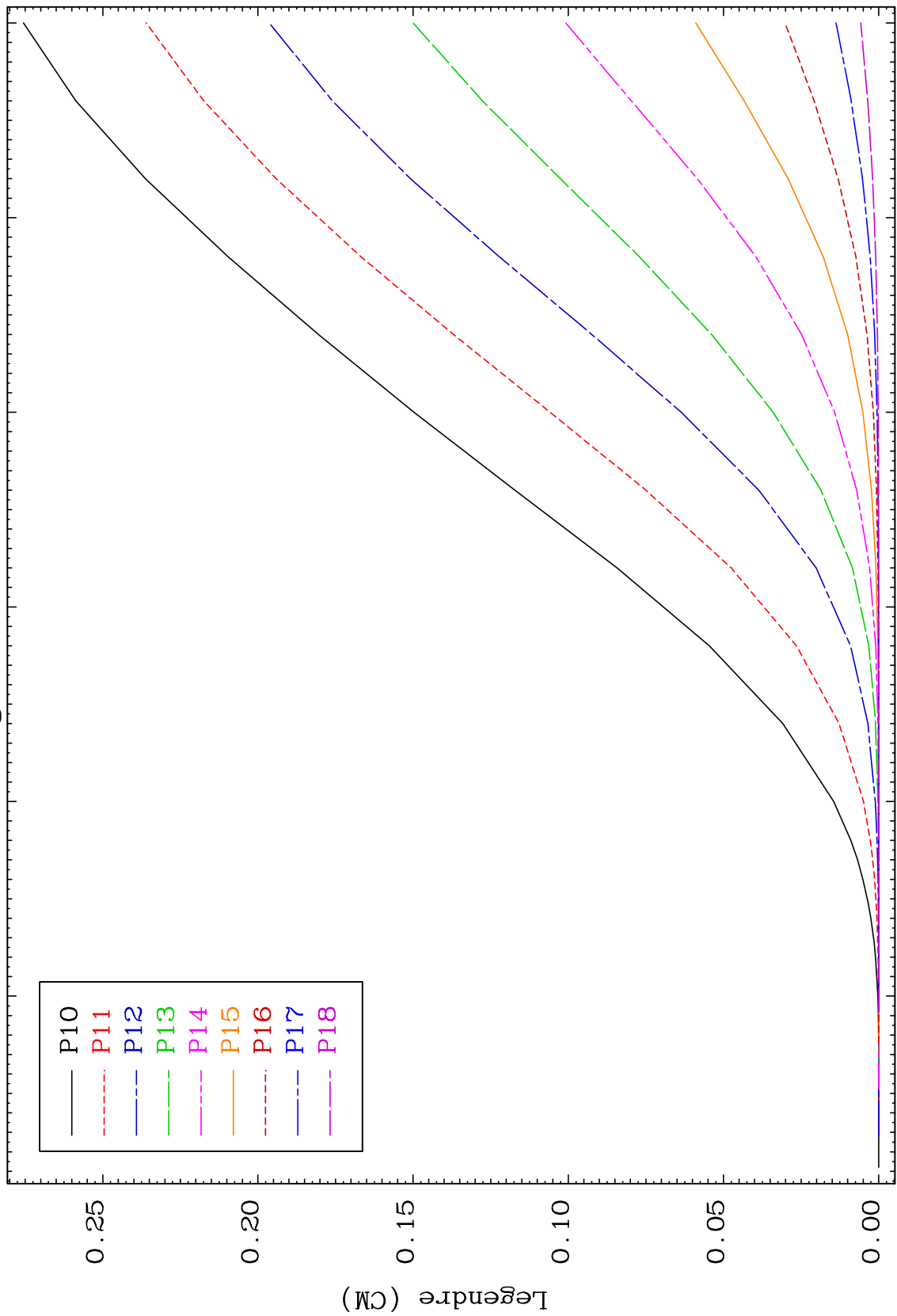
Incident Energy (MeV)

44-Ru-96

MAT 4425

Elastic Legendre Coefficients

44-Ru-96



17

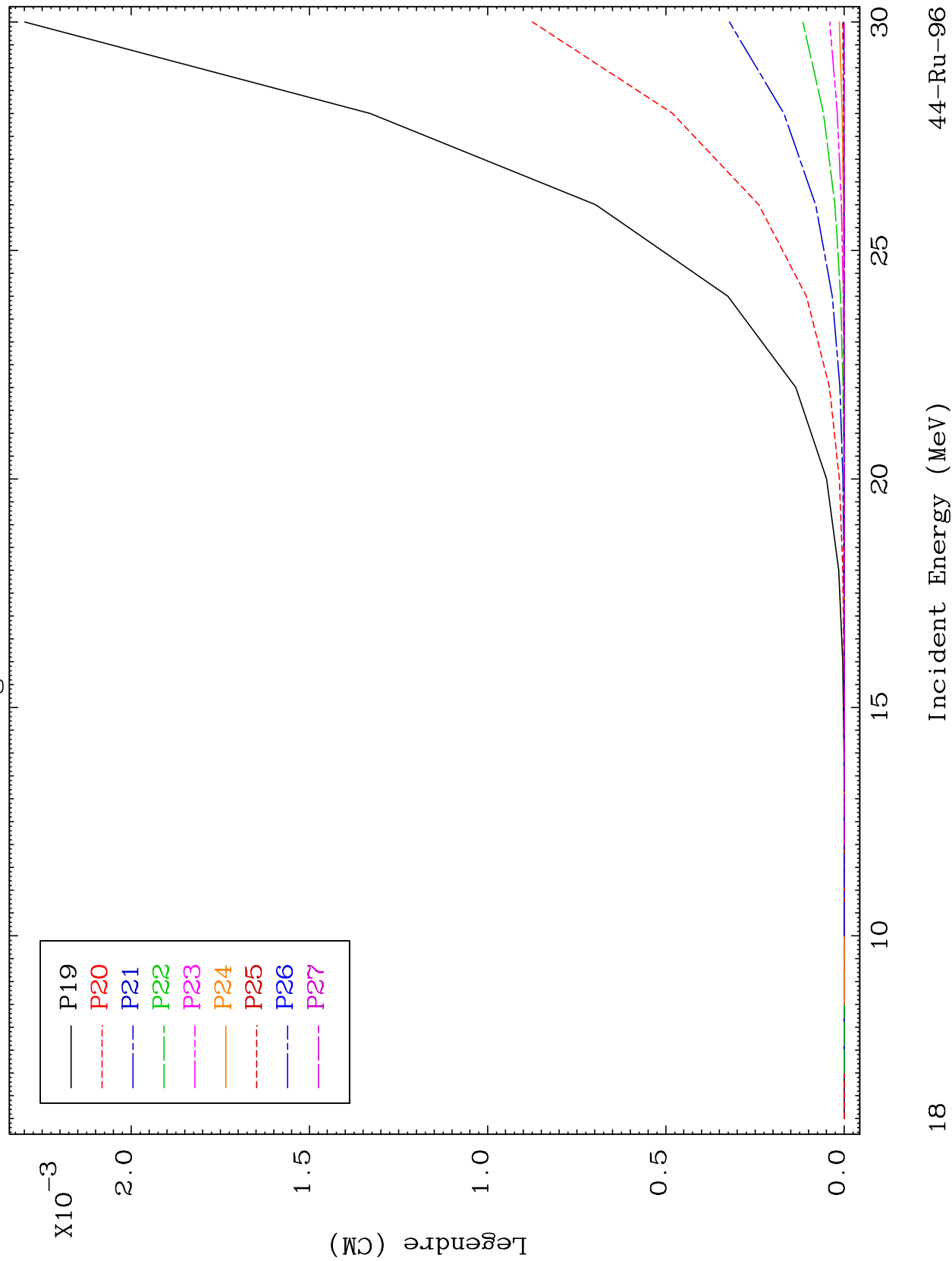
Incident Energy (MeV)

44-Ru-96

MAT 4425

### Elastic Legendre Coefficients

44-Ru-96



18

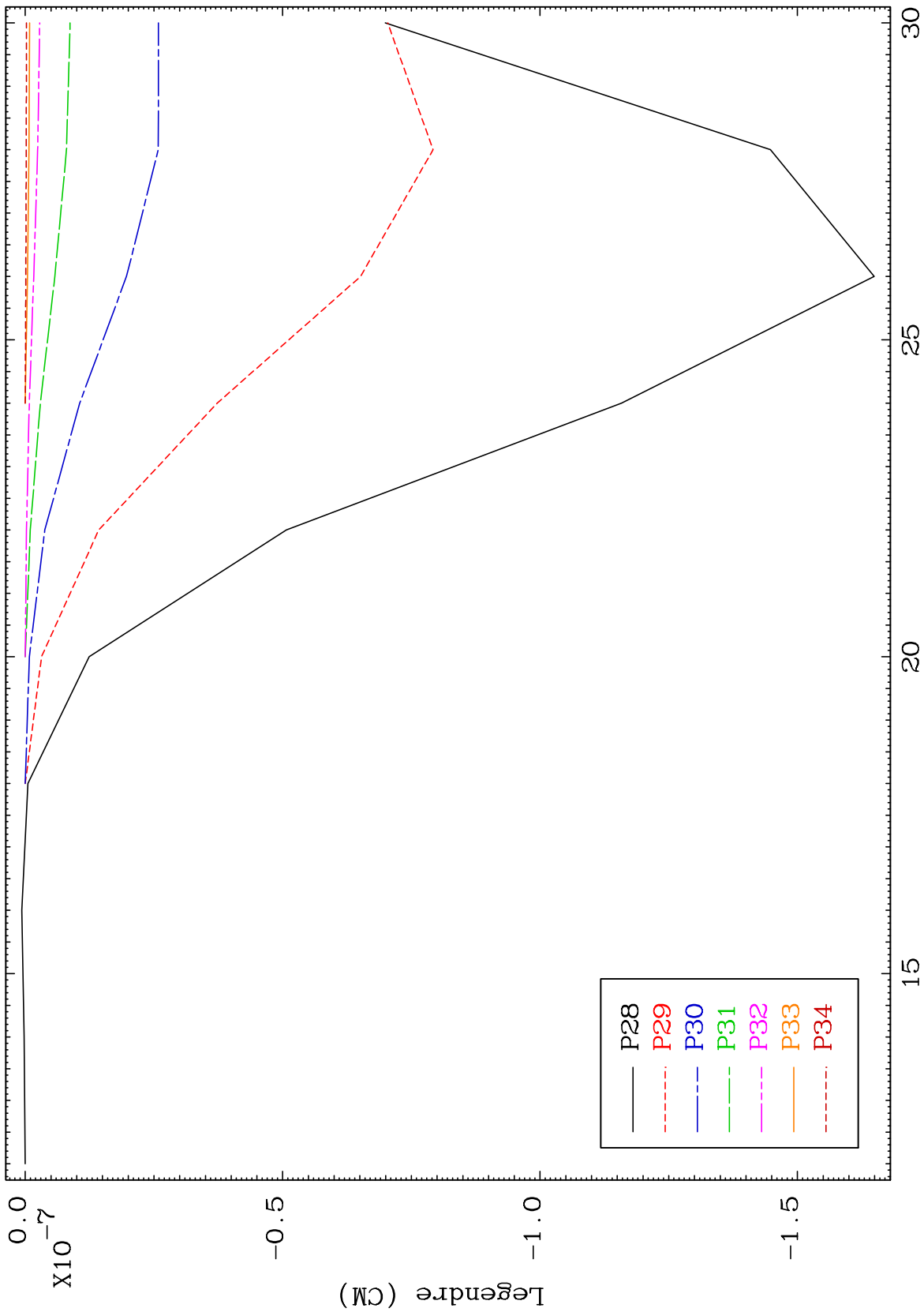
Incident Energy (MeV)

44-Ru-96

MAT 4425

44-Ru-96

Elastic Legendre Coefficients



19

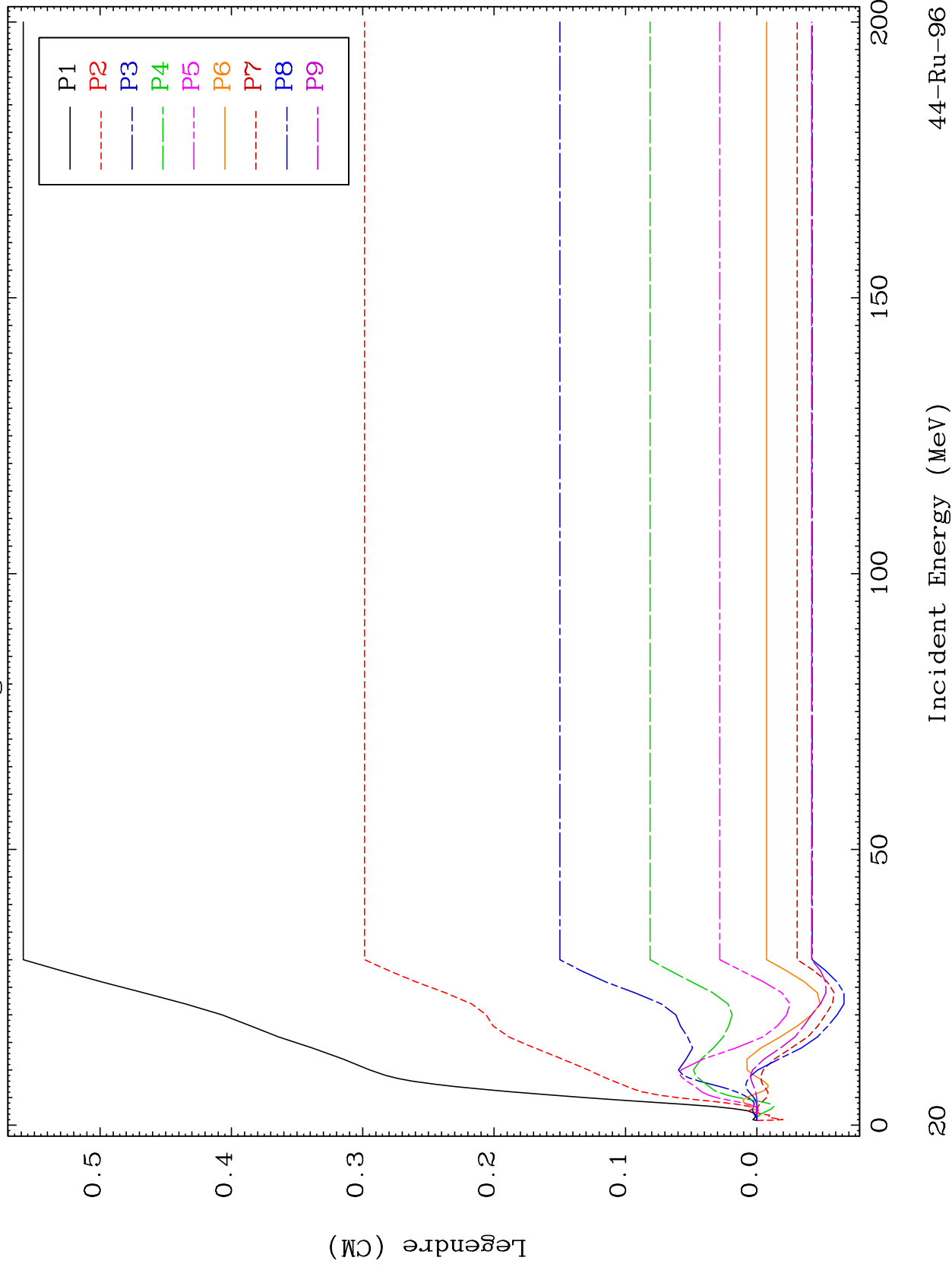
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

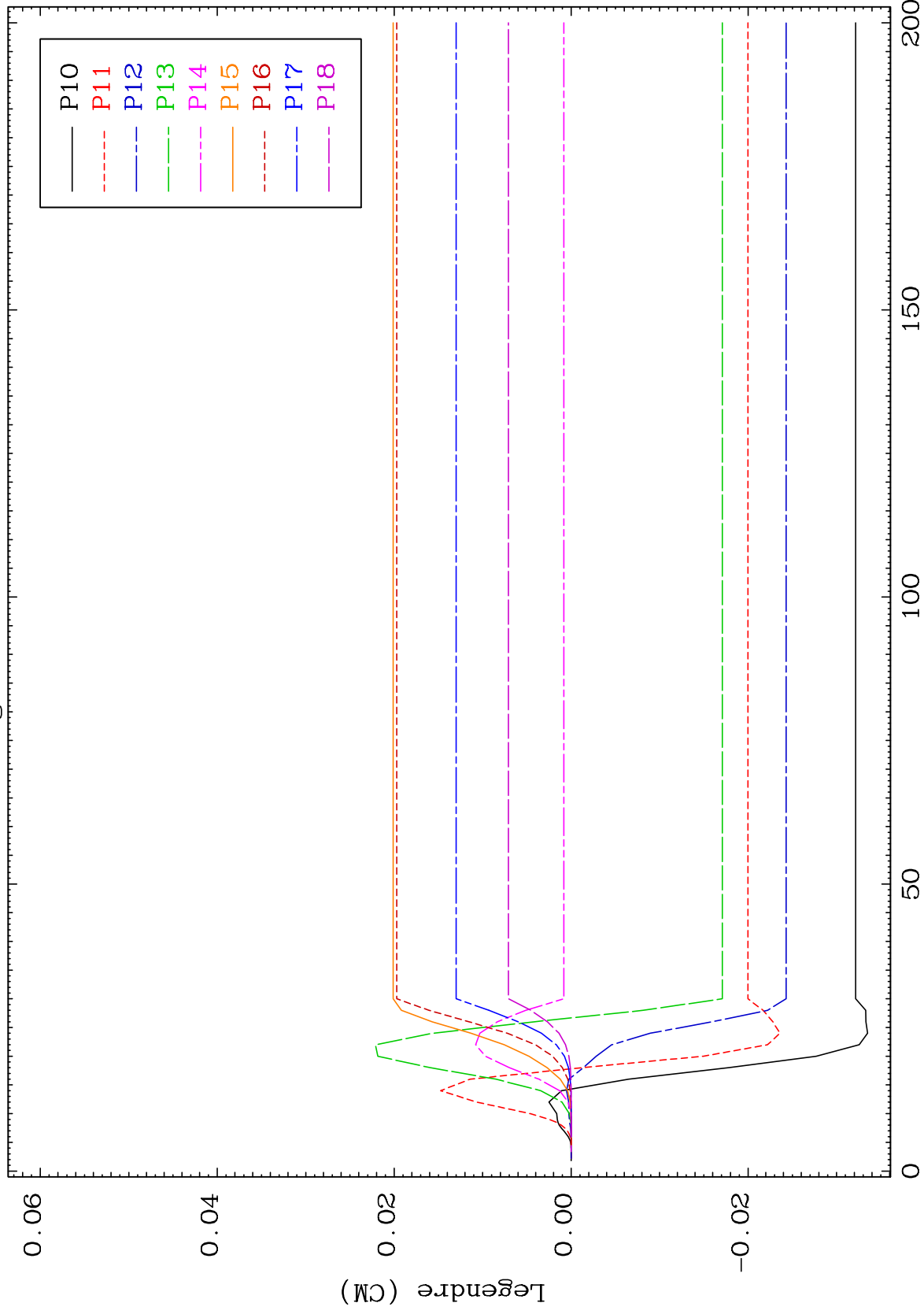
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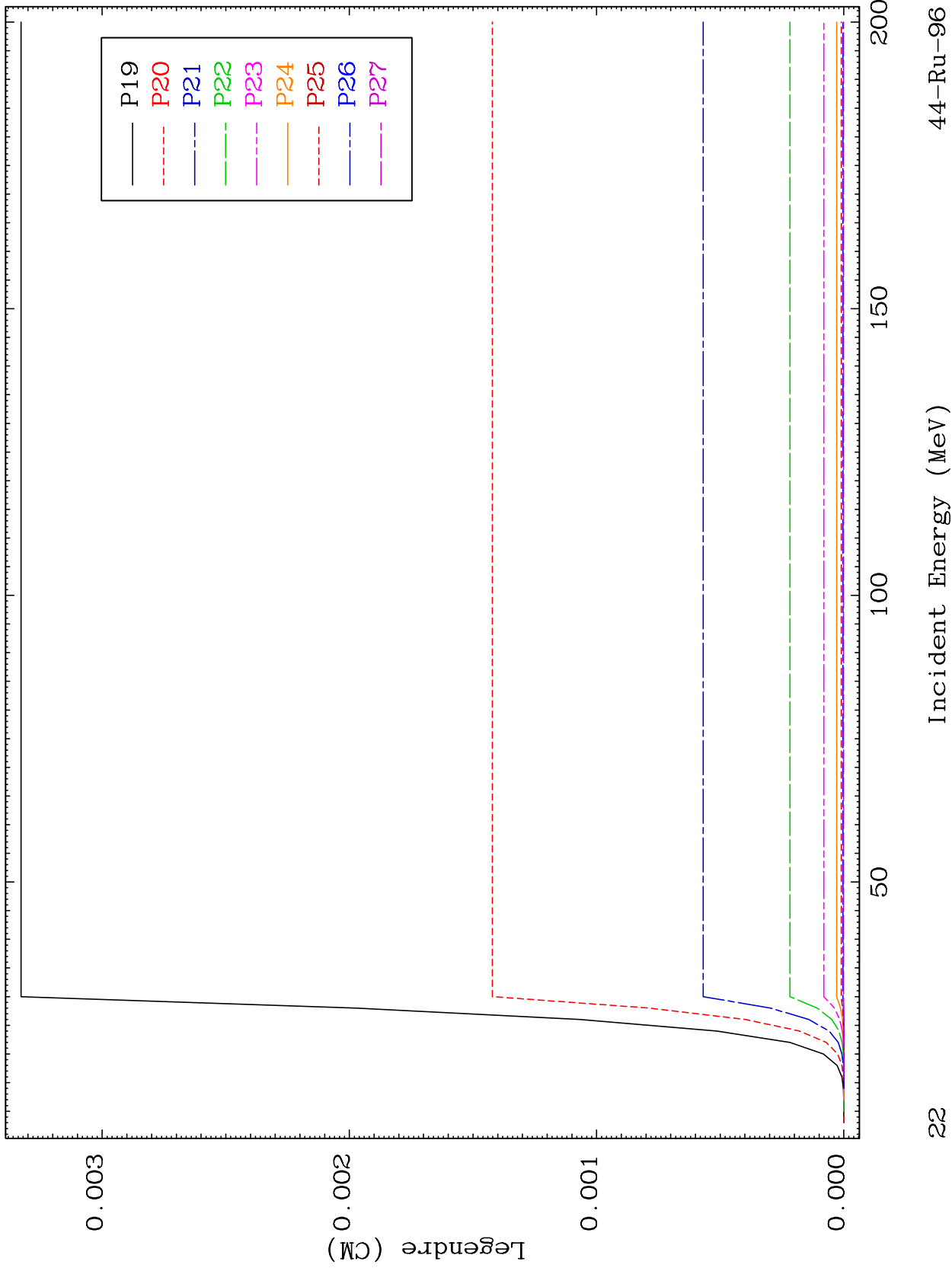


MAT 4425

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

44-Ru-96

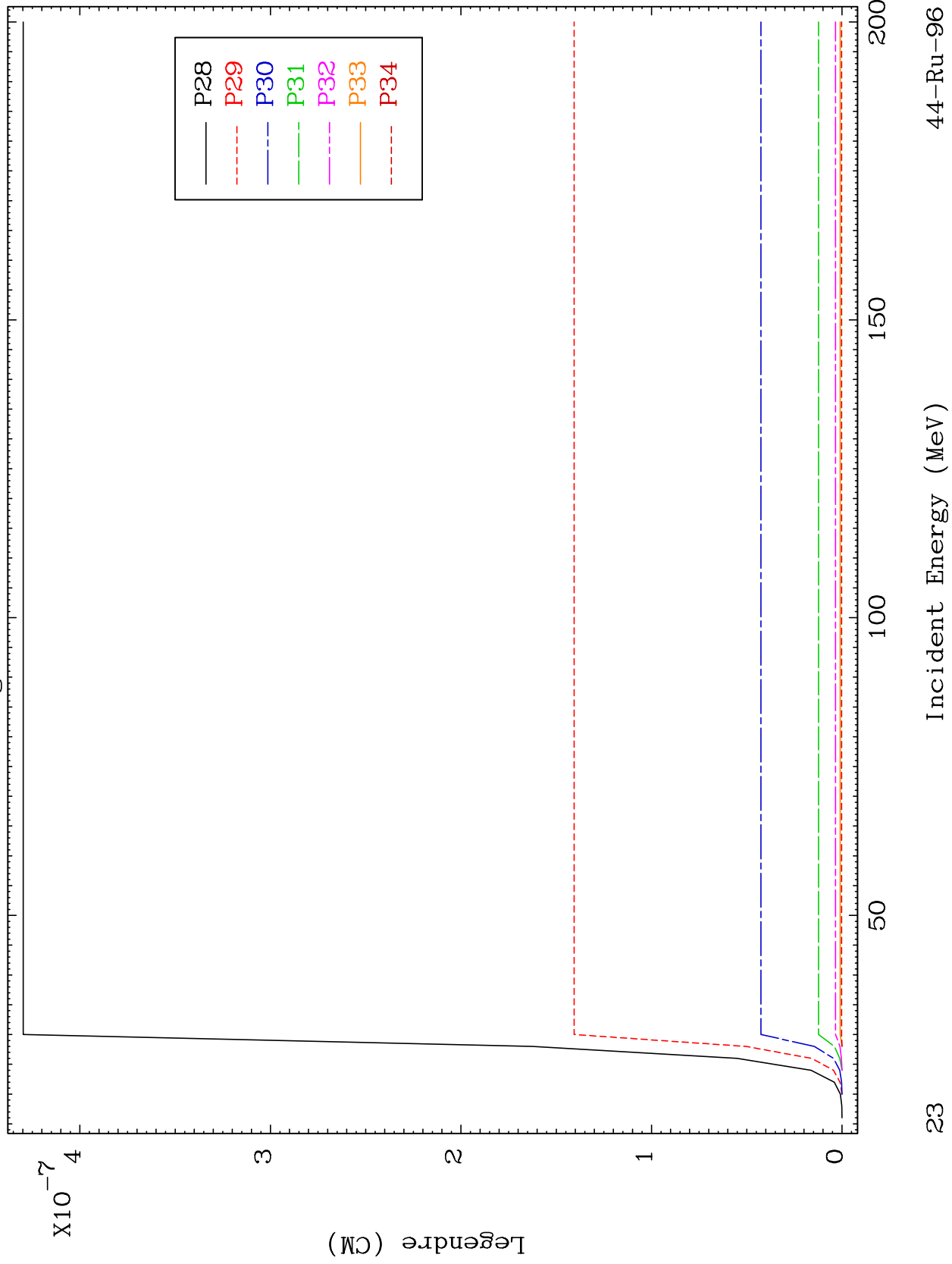




MAT 4425

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

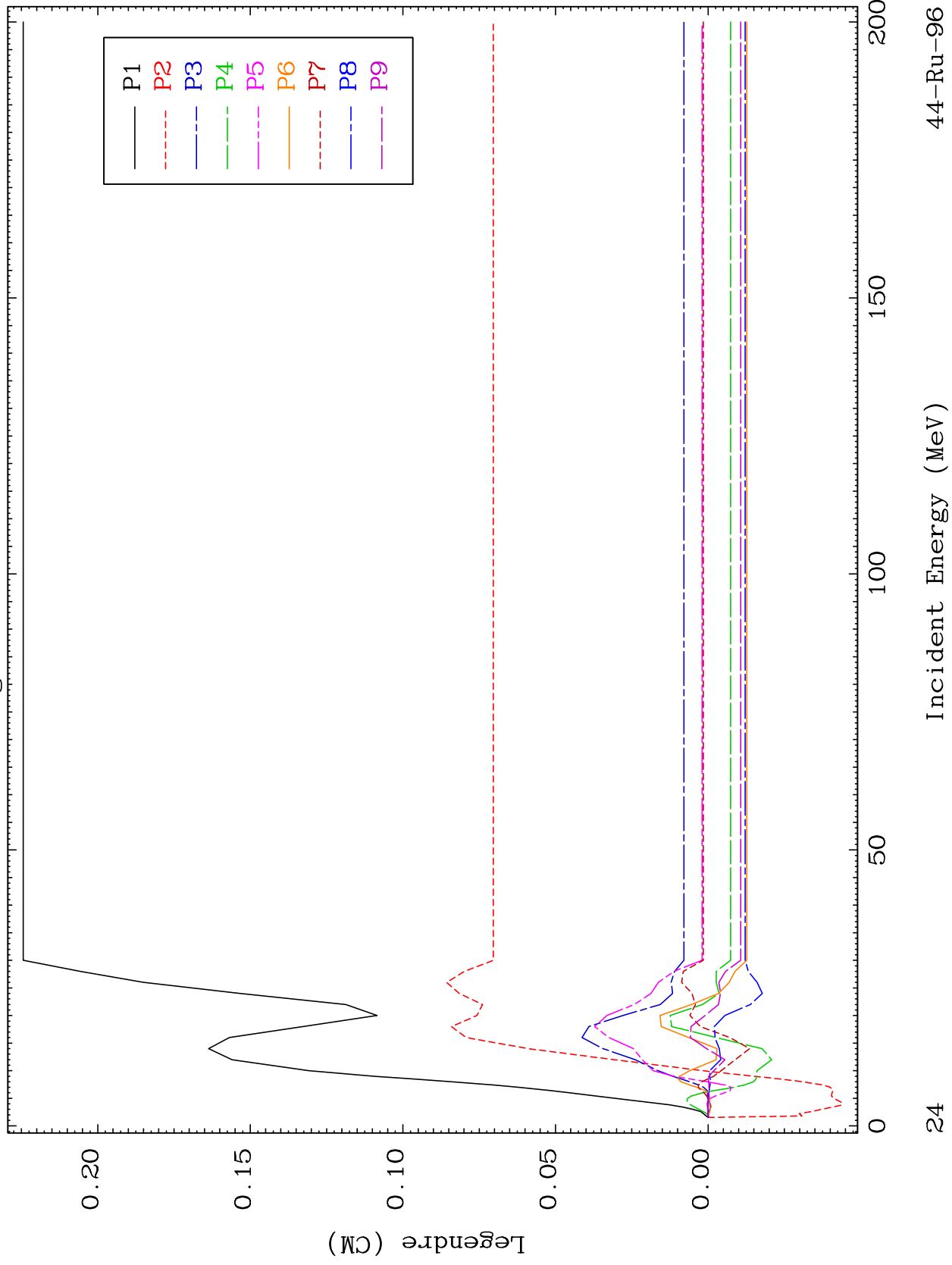
44-Ru-96



MAT 4425

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

44-Ru-96



44-Ru-96

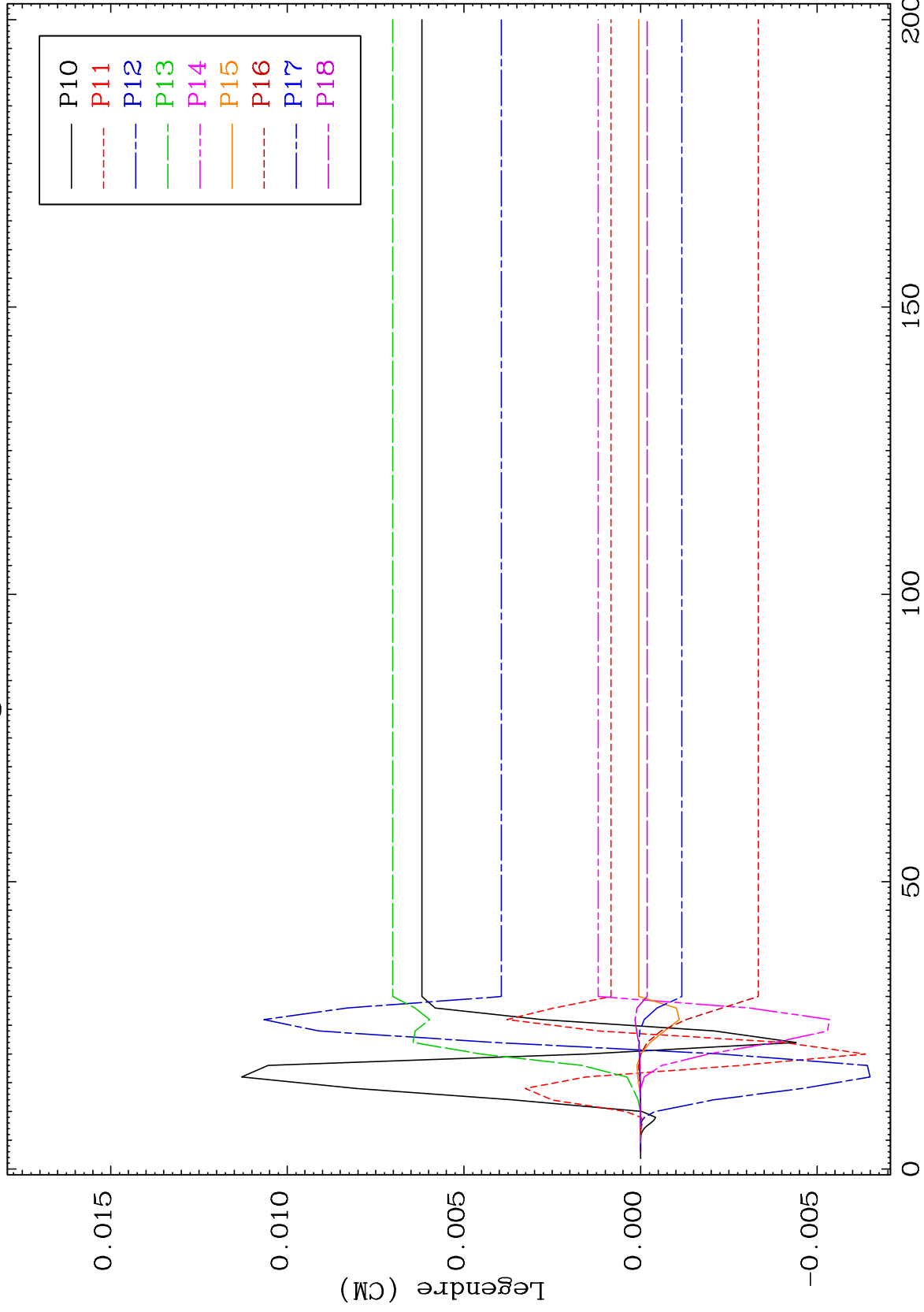
Incident Energy (MeV)

24

MAT 4425

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

44-Ru-96



25

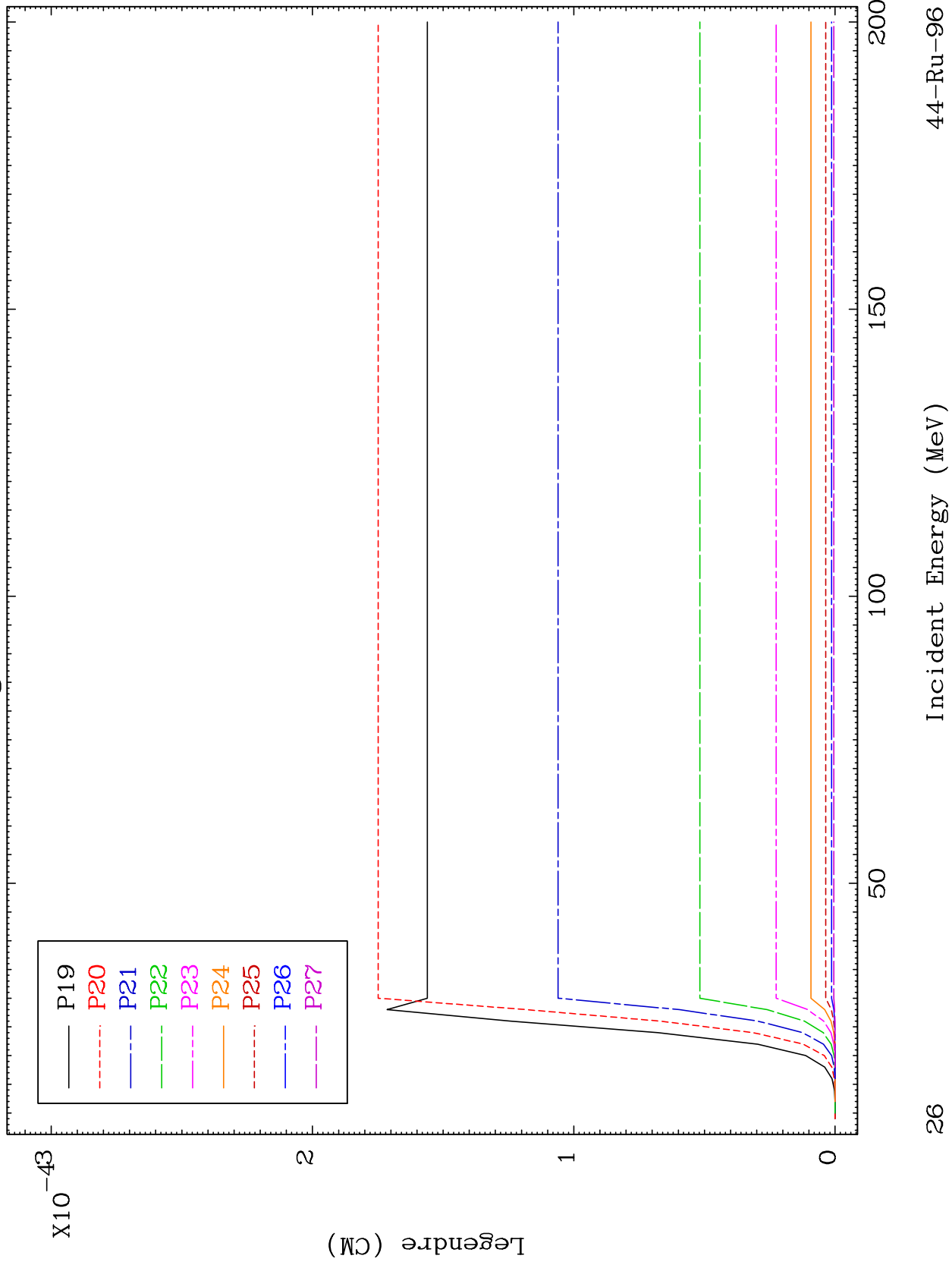
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96

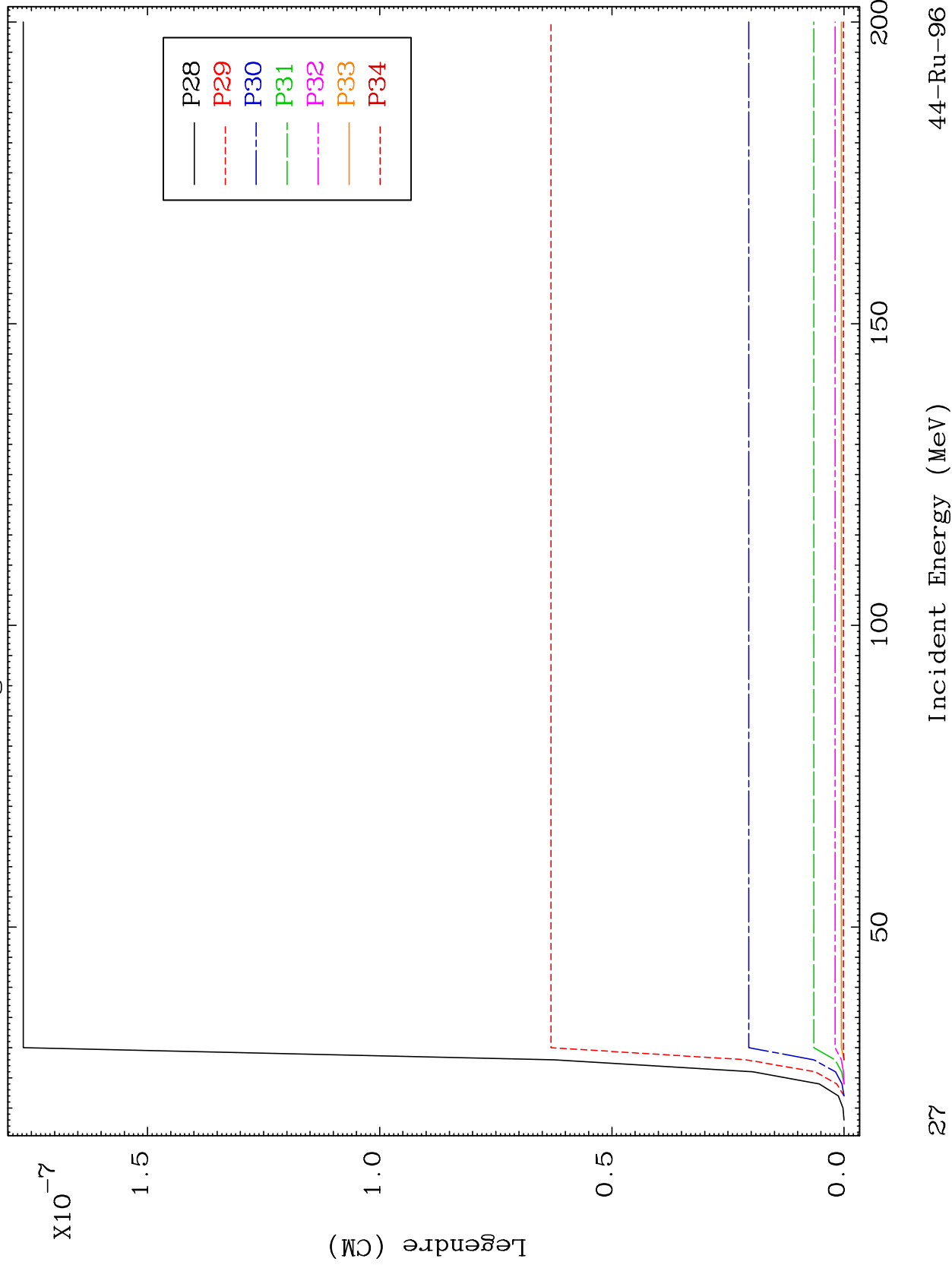


26

MAT 4425

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

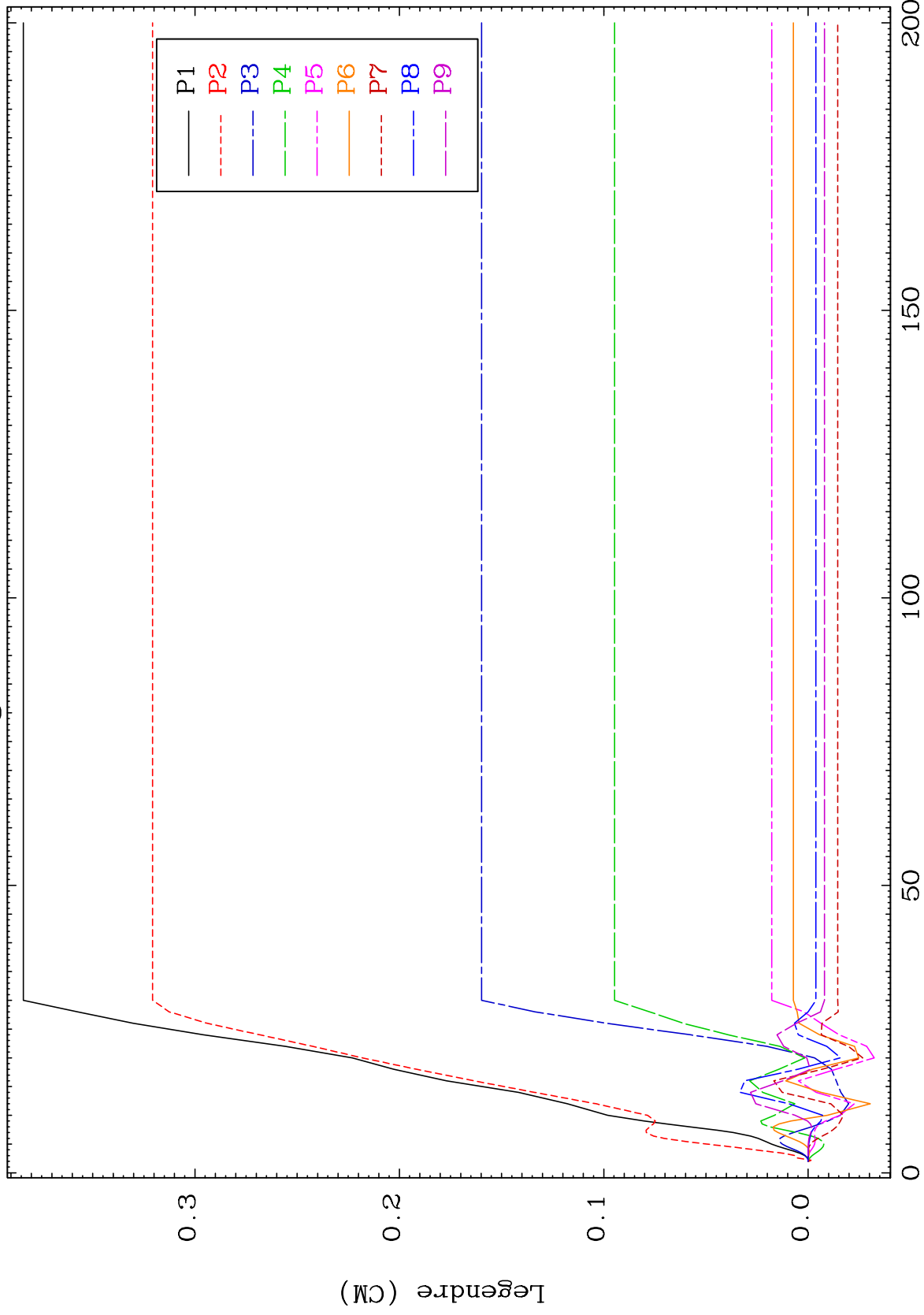
44-Ru-96



MAT 4425

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

44-Ru-96



28

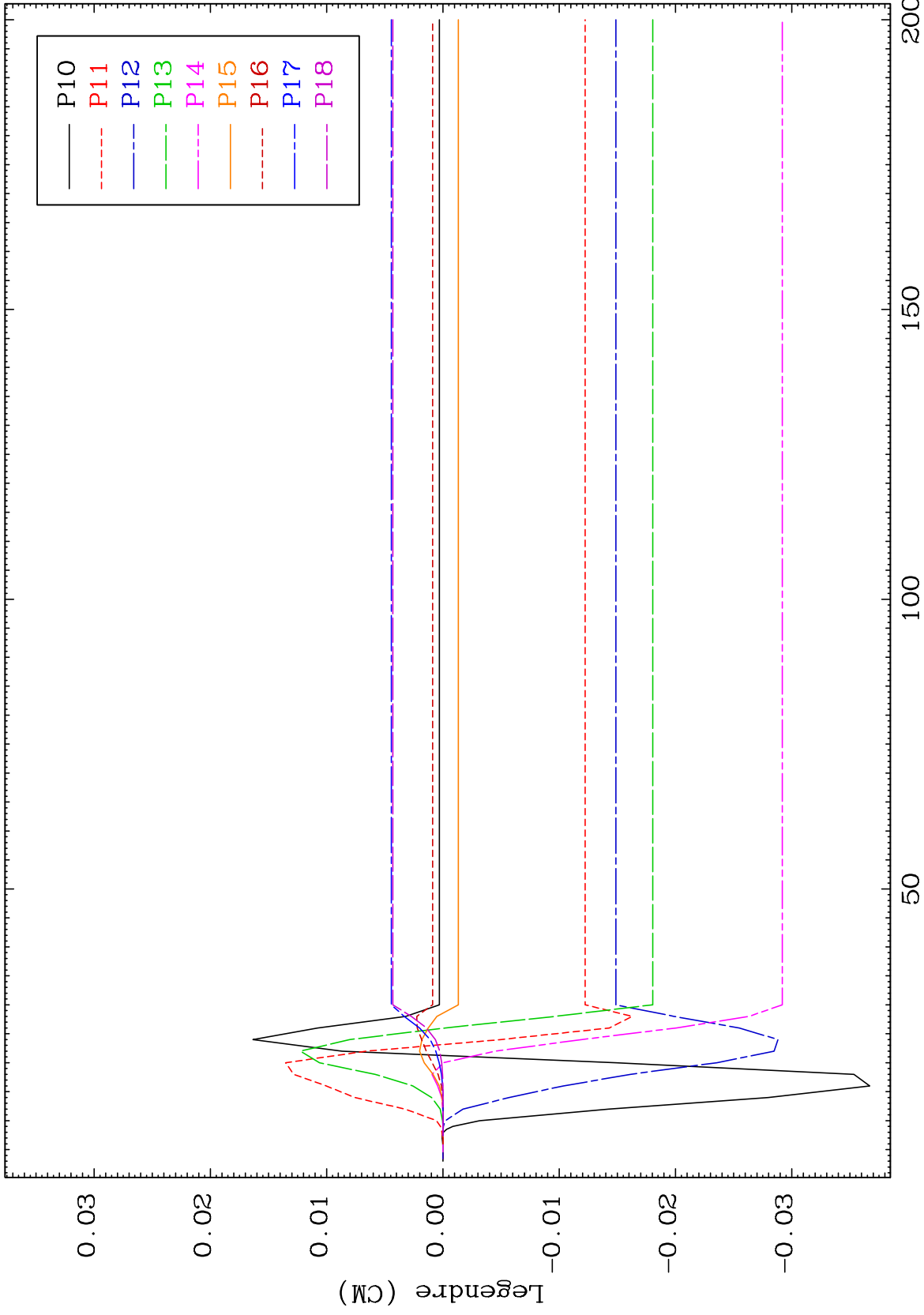
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



29

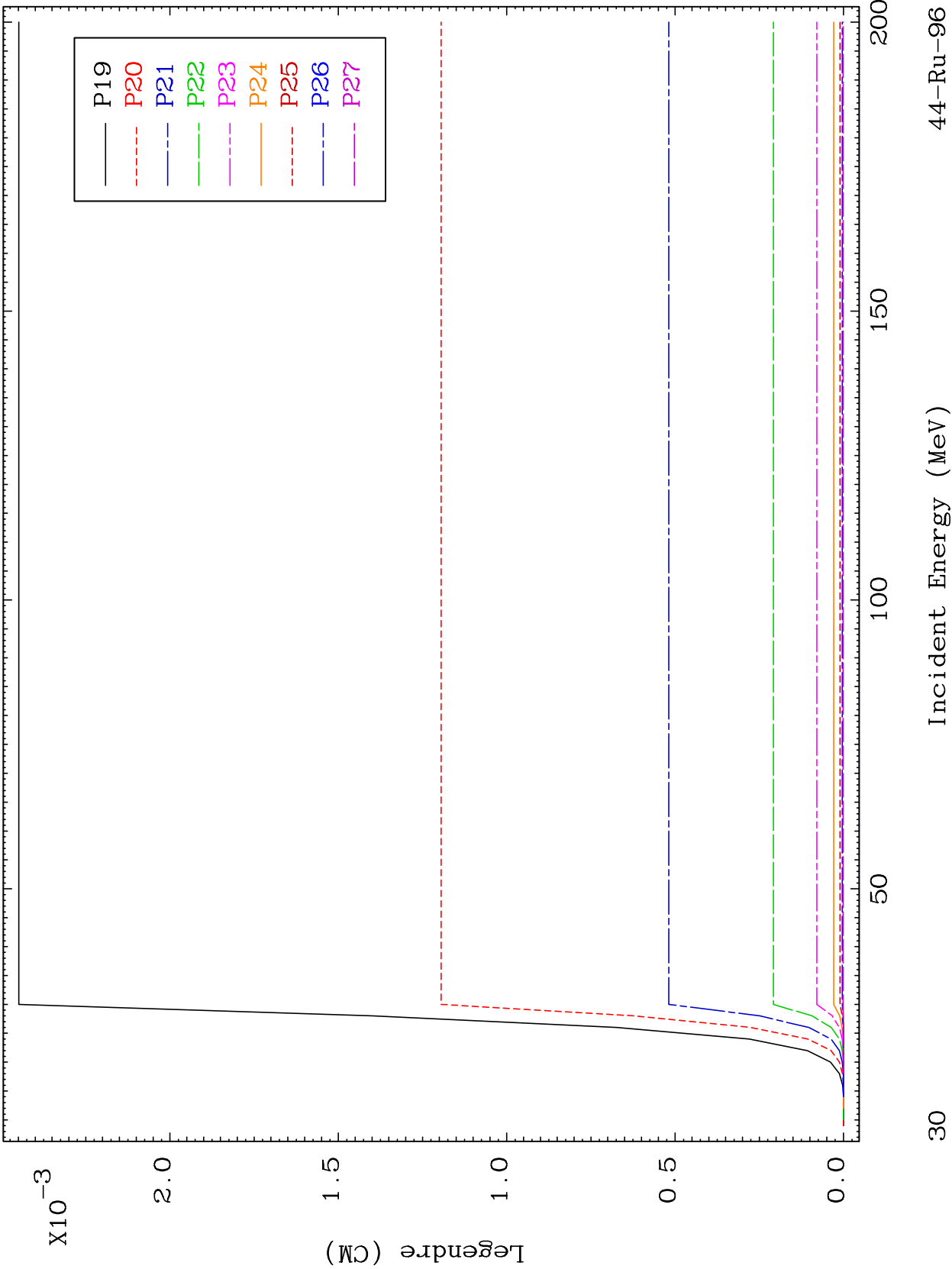
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



30

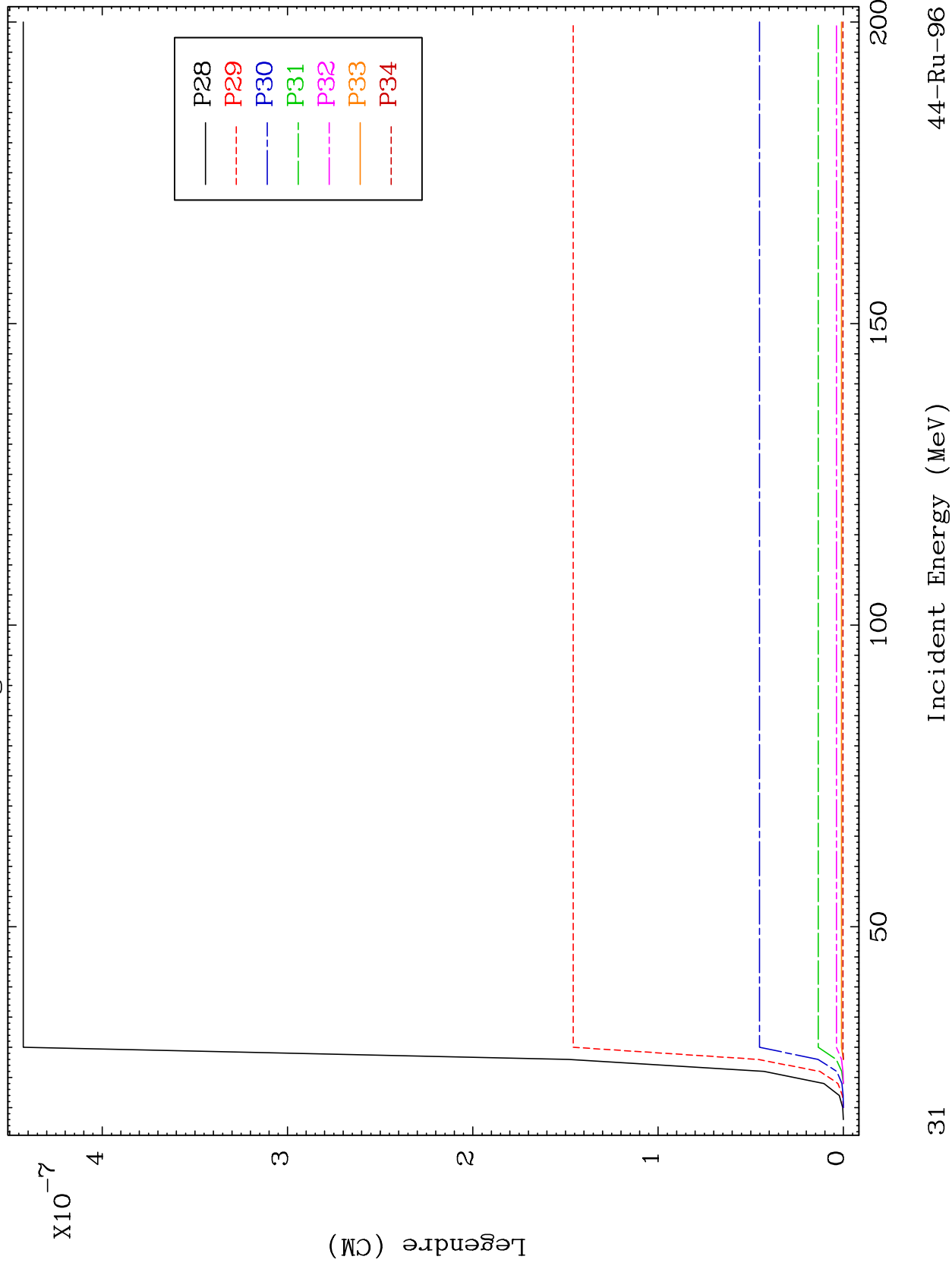
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



31

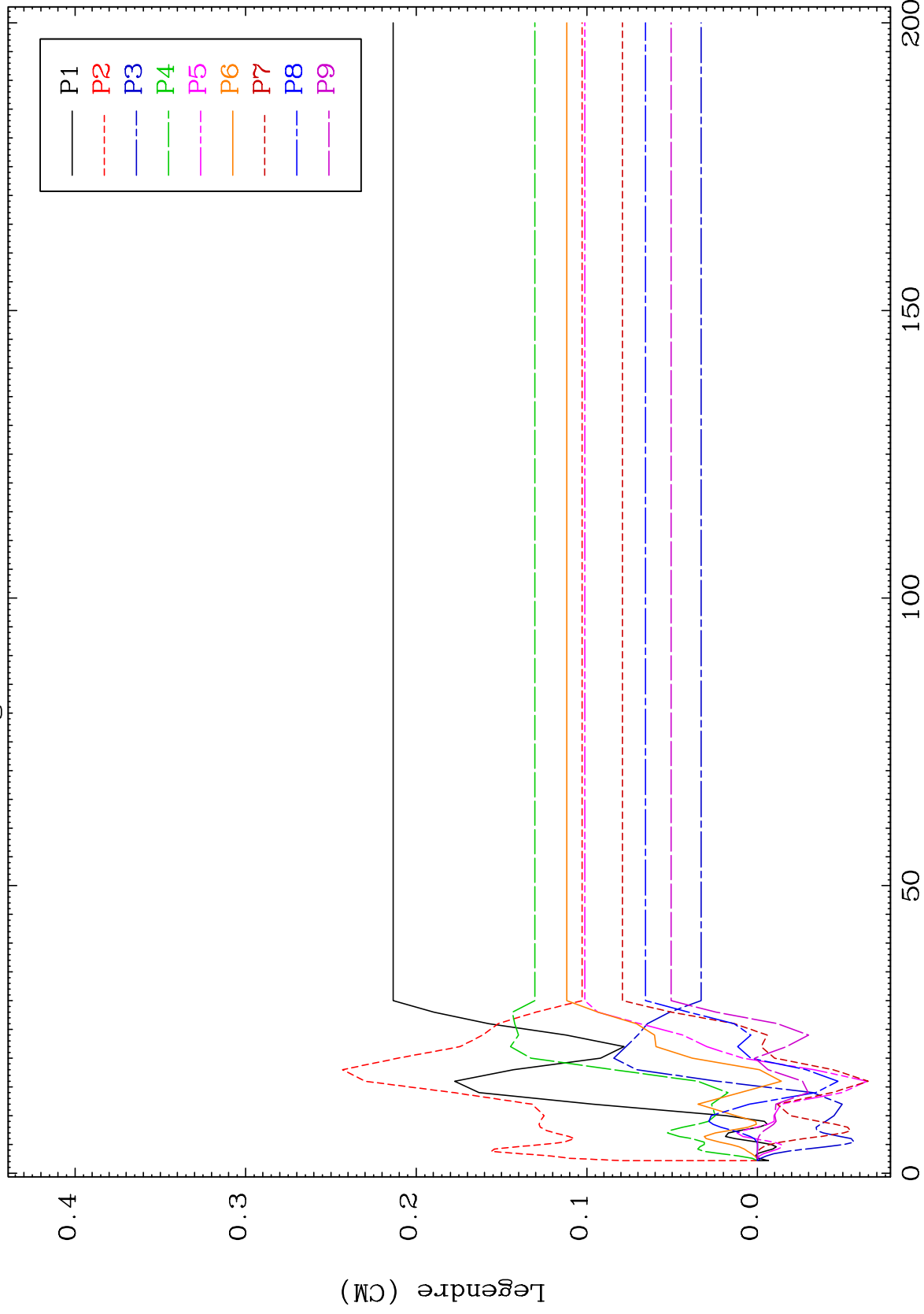
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



32

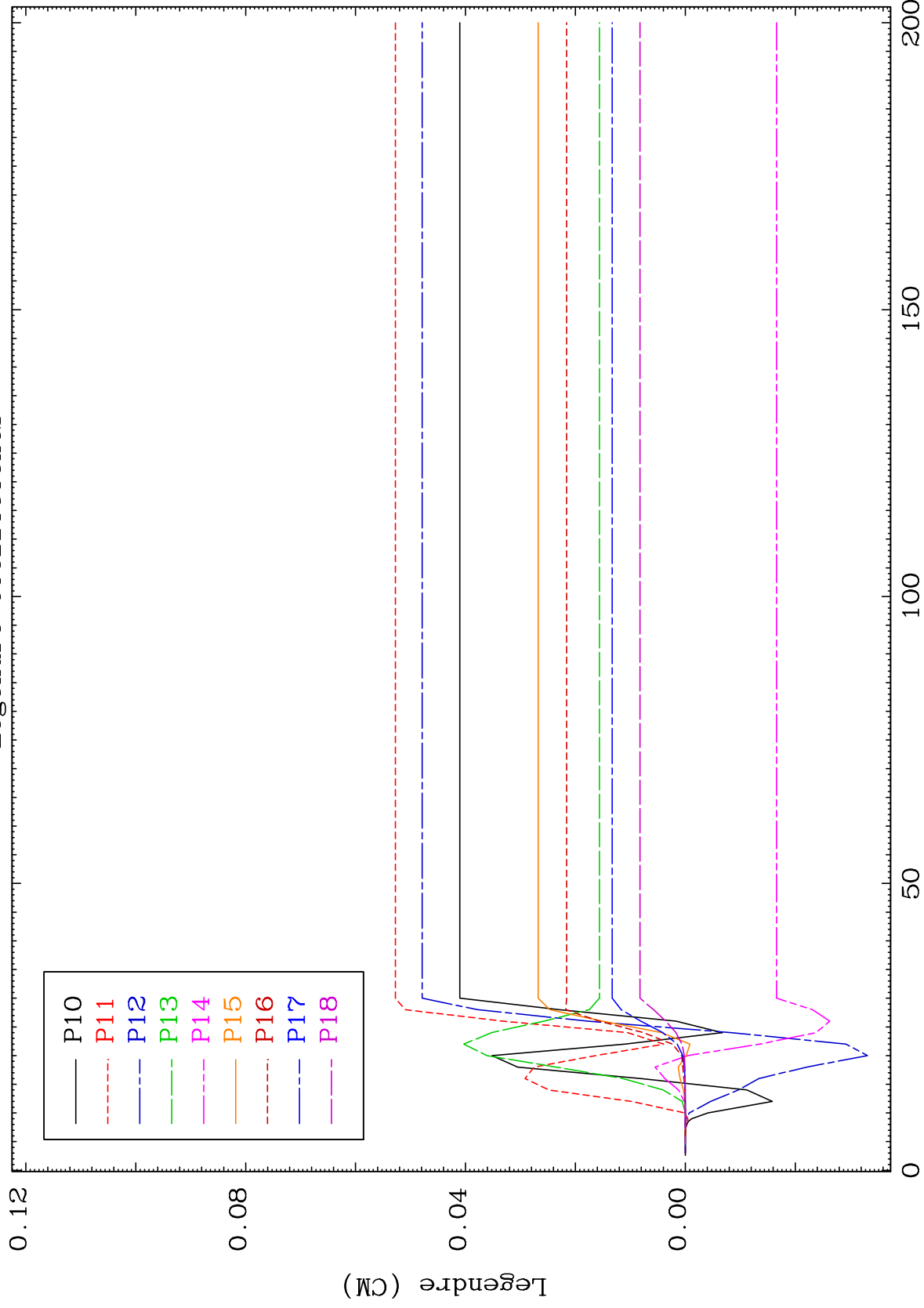
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



33

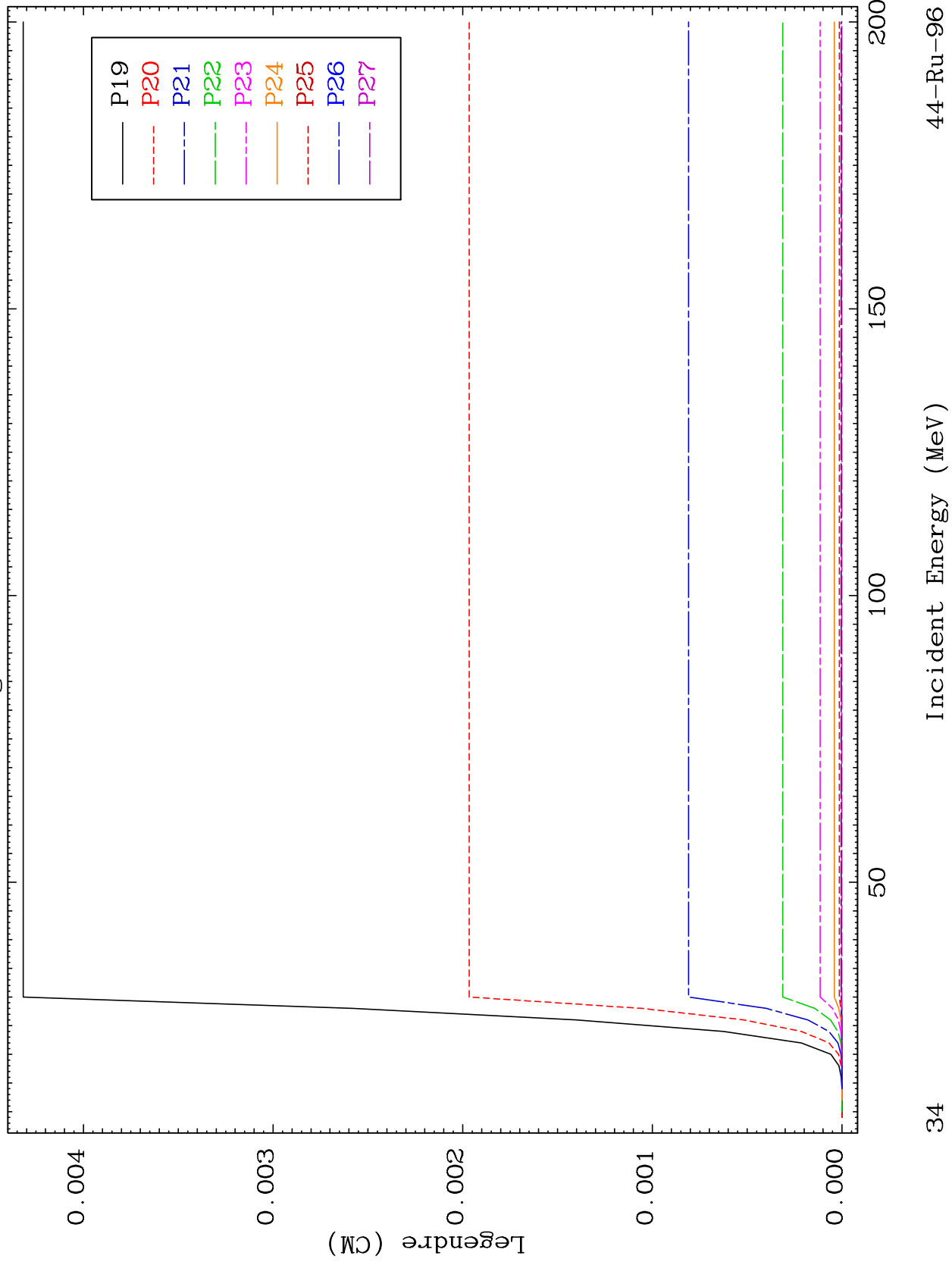
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



34

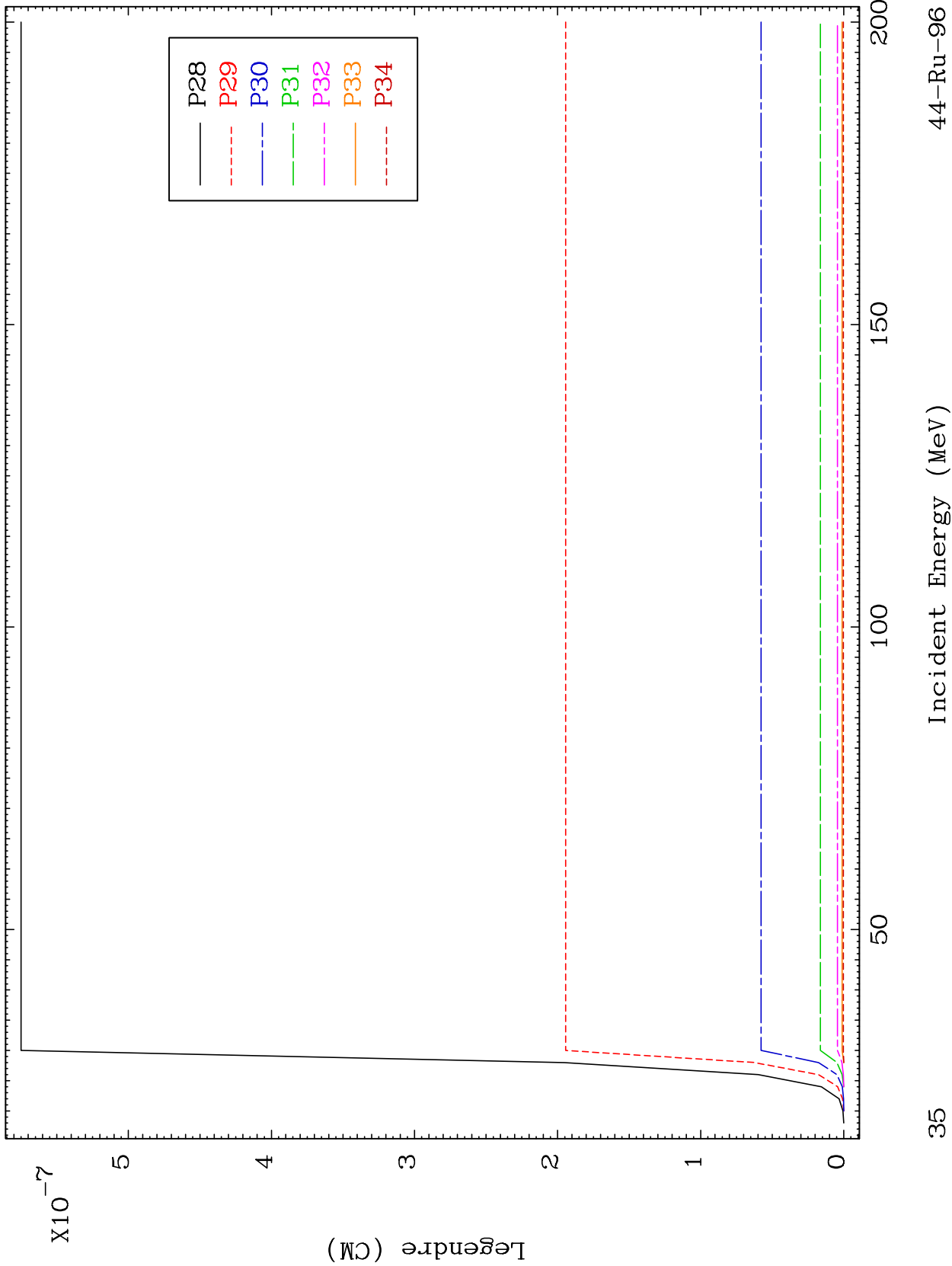
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

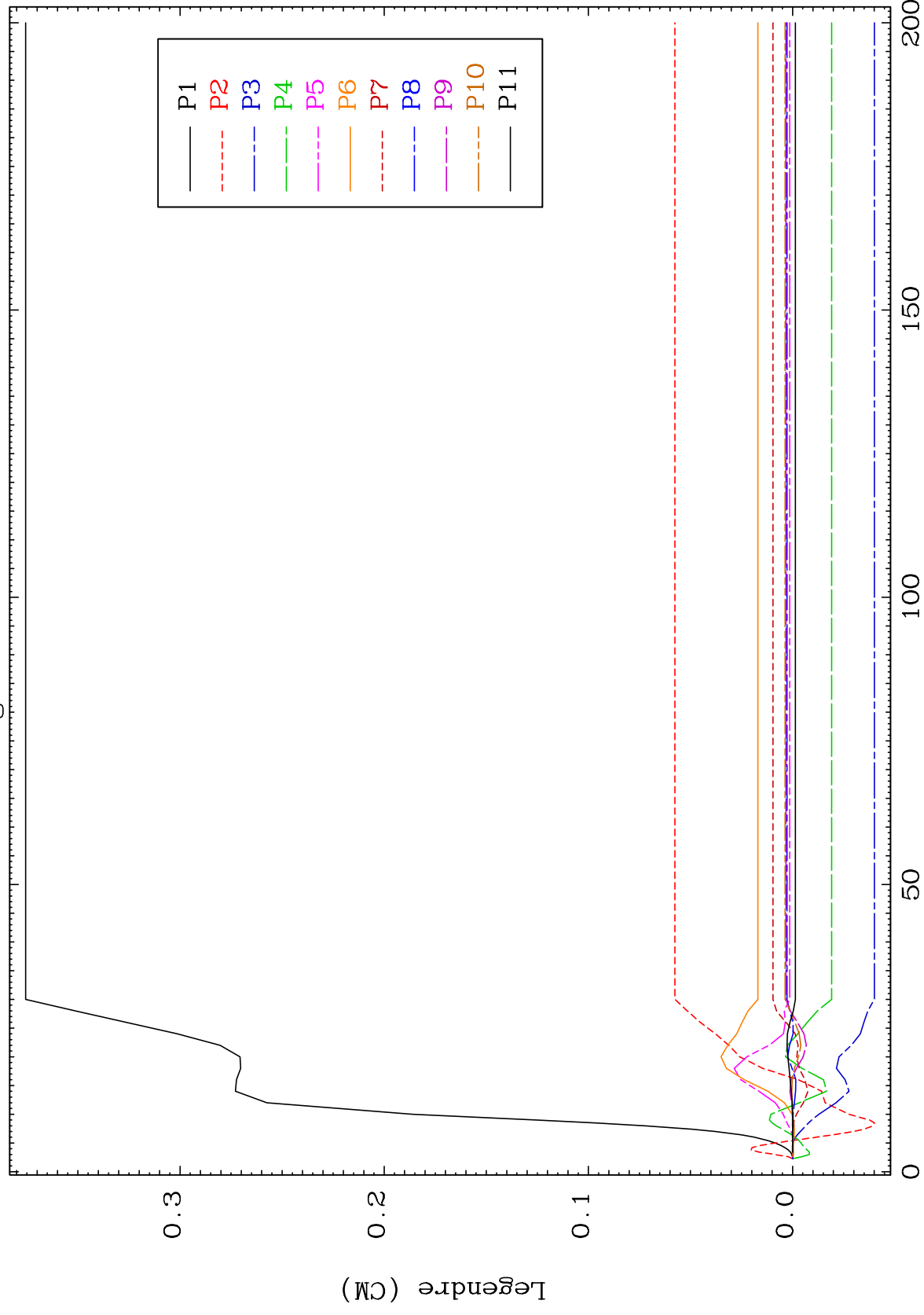
44-Ru-96



35

Incident Energy (MeV)

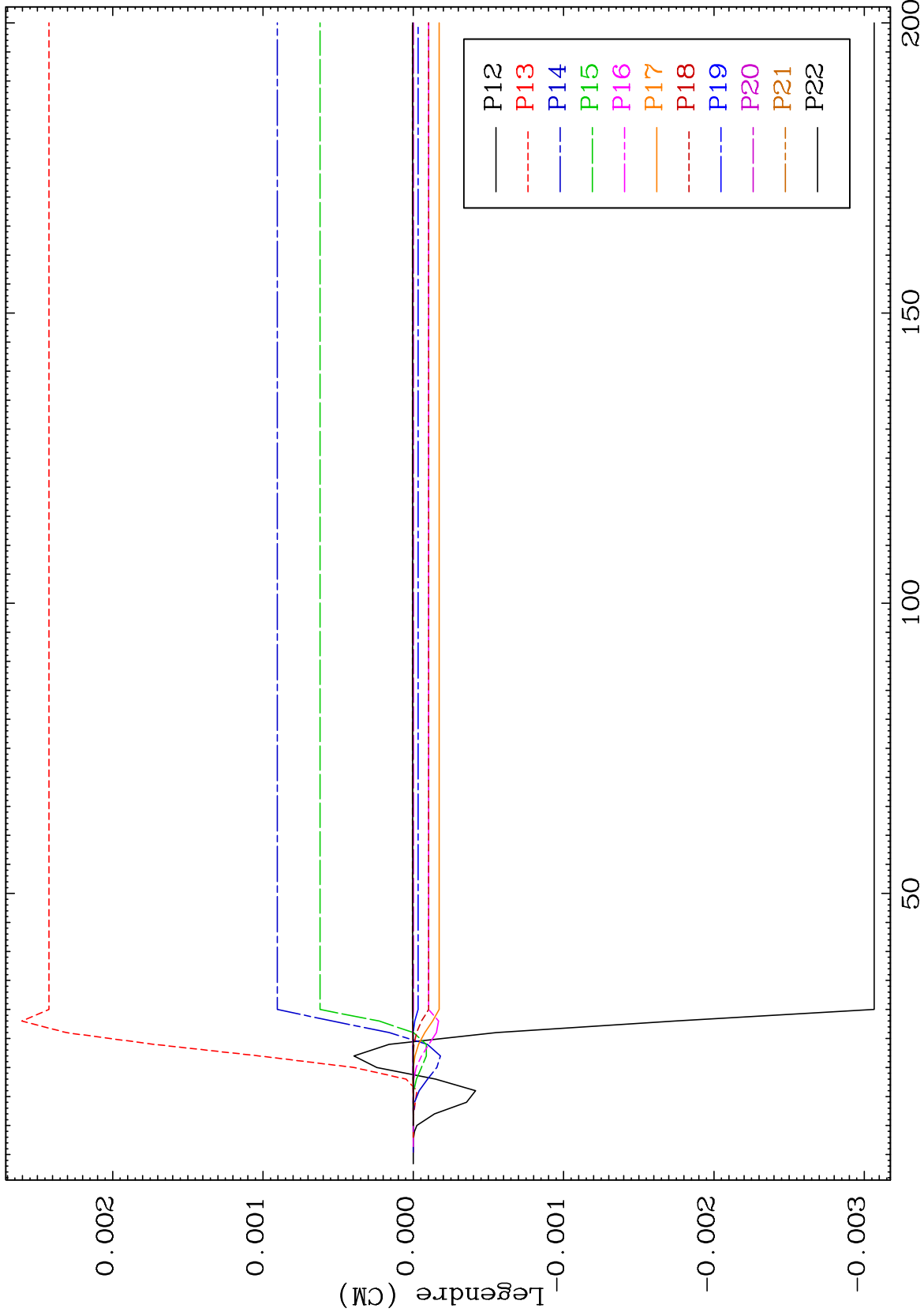
44-Ru-96



MAT 4425

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

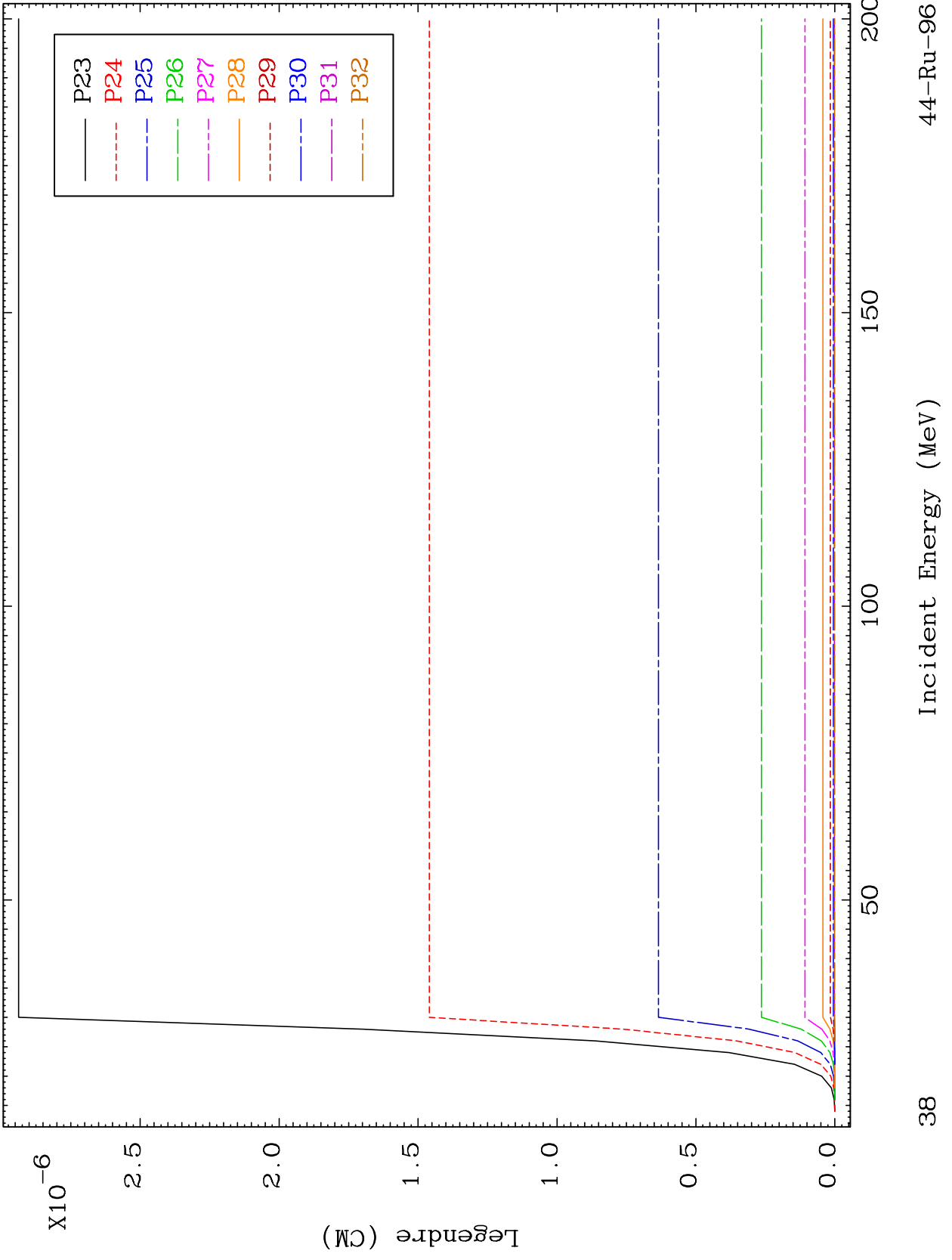
44-Ru-96



MAT 4425

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

44-Ru-96

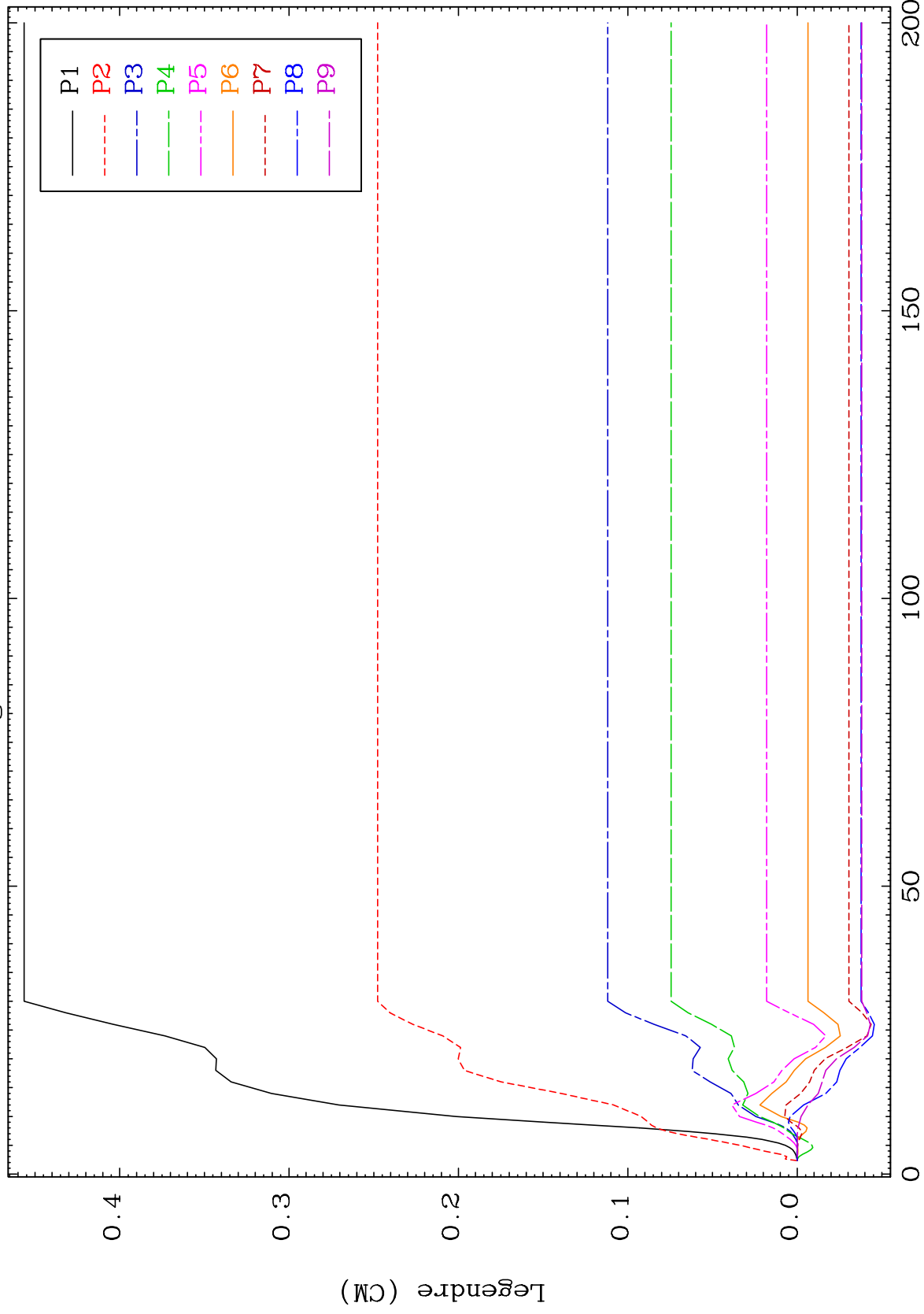


38

MAT 4425

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

44-Ru-96



39

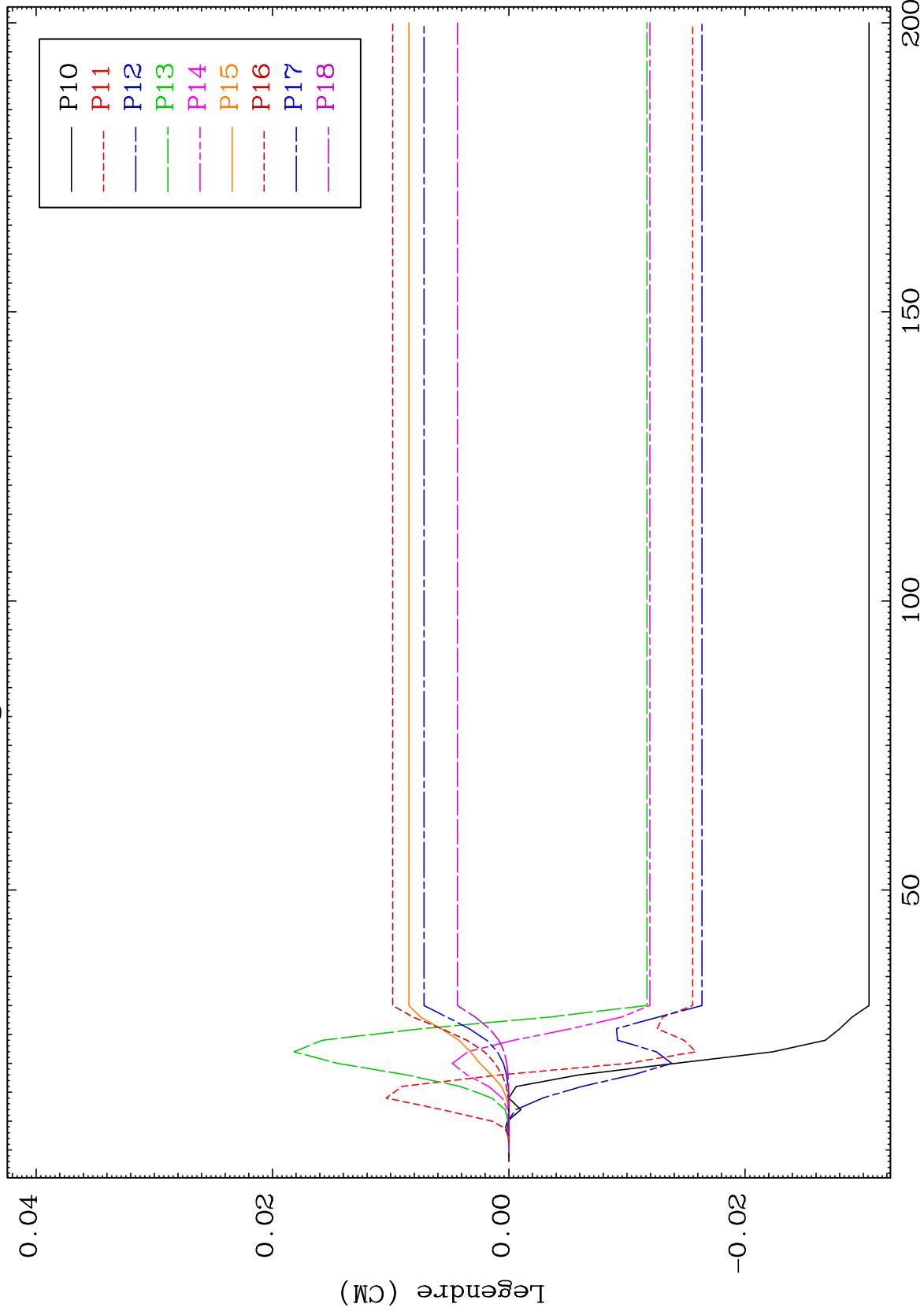
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



40

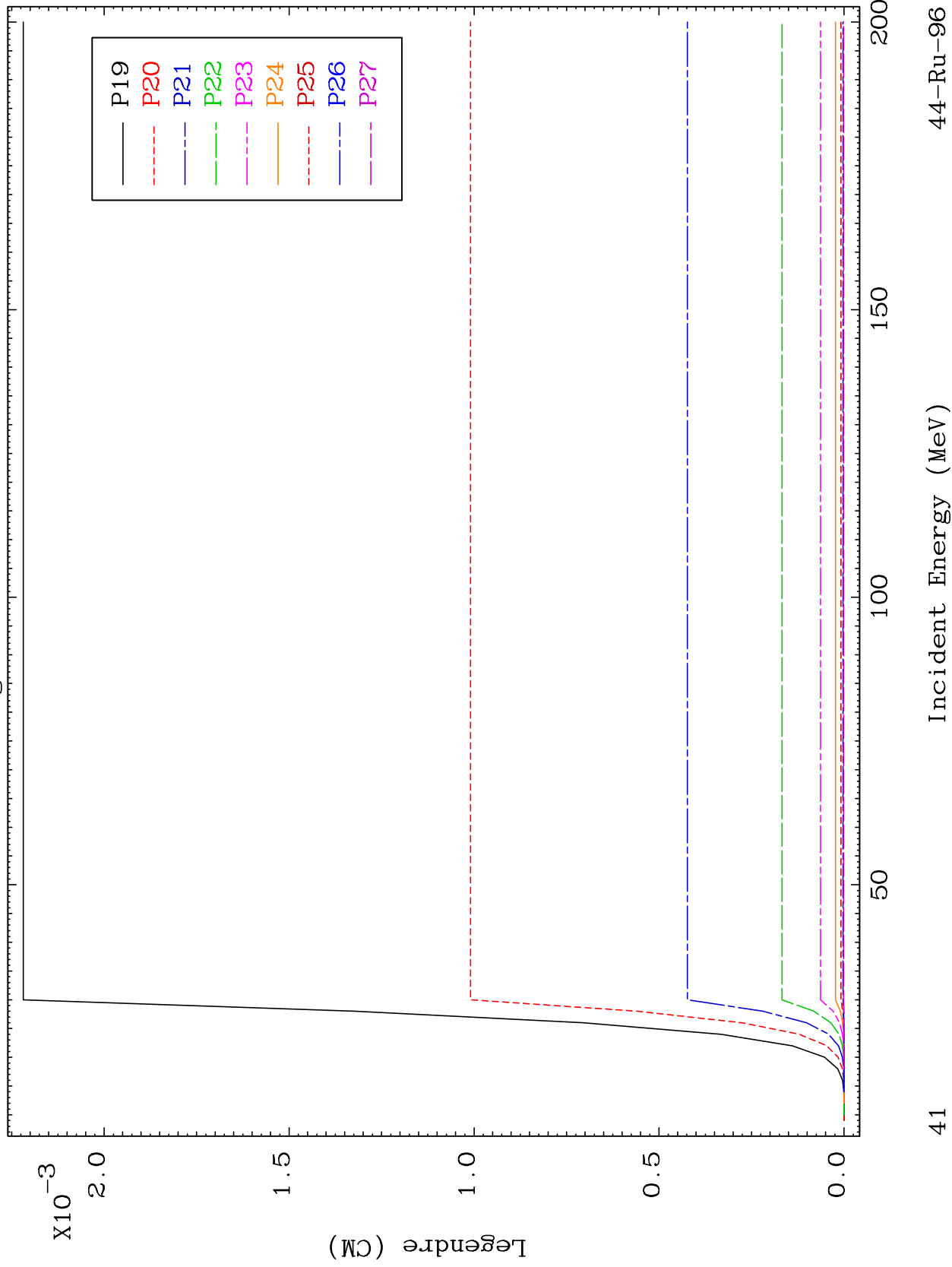
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

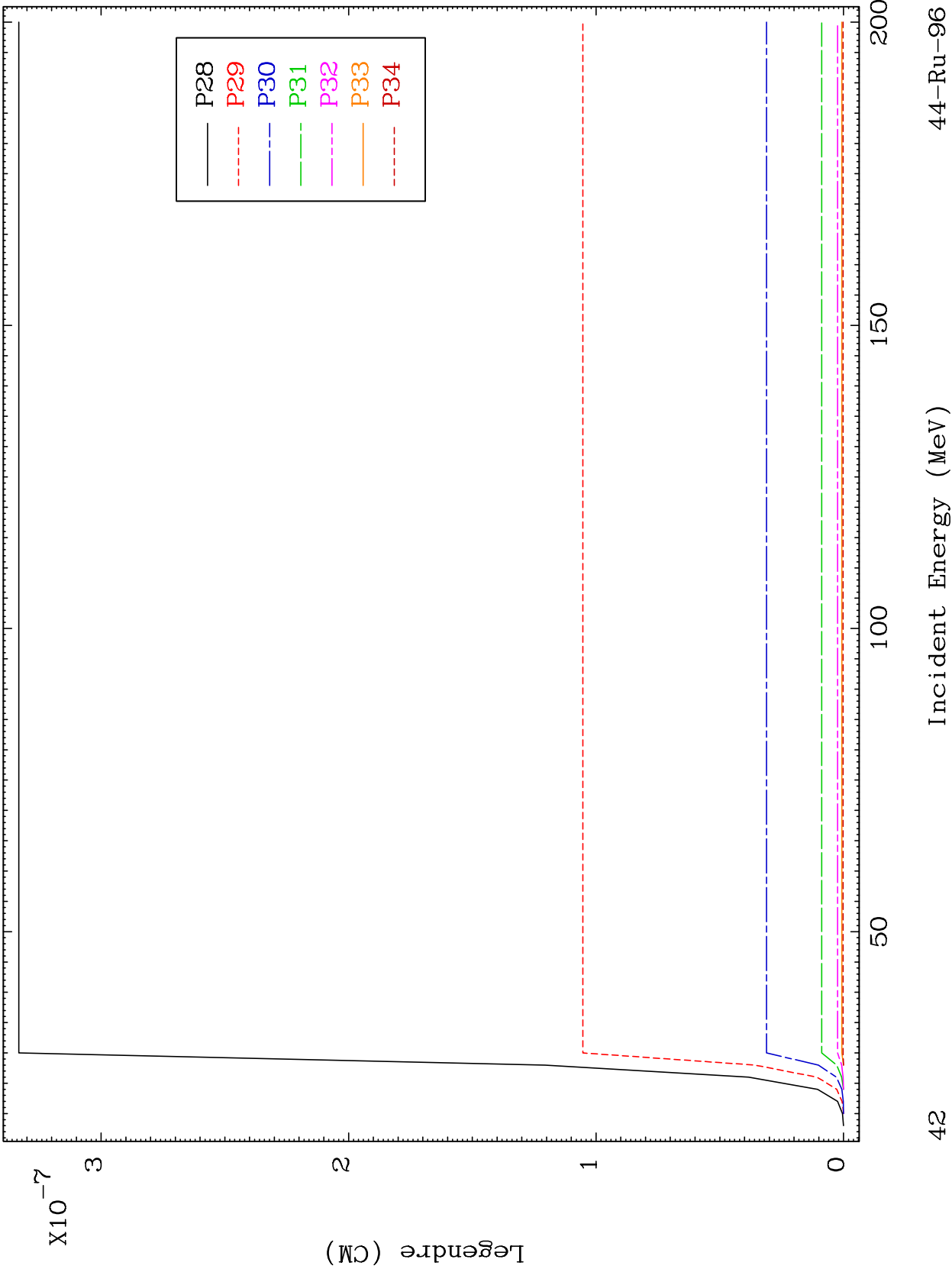
44-Ru-96



MAT 4425

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

44-Ru-96



42

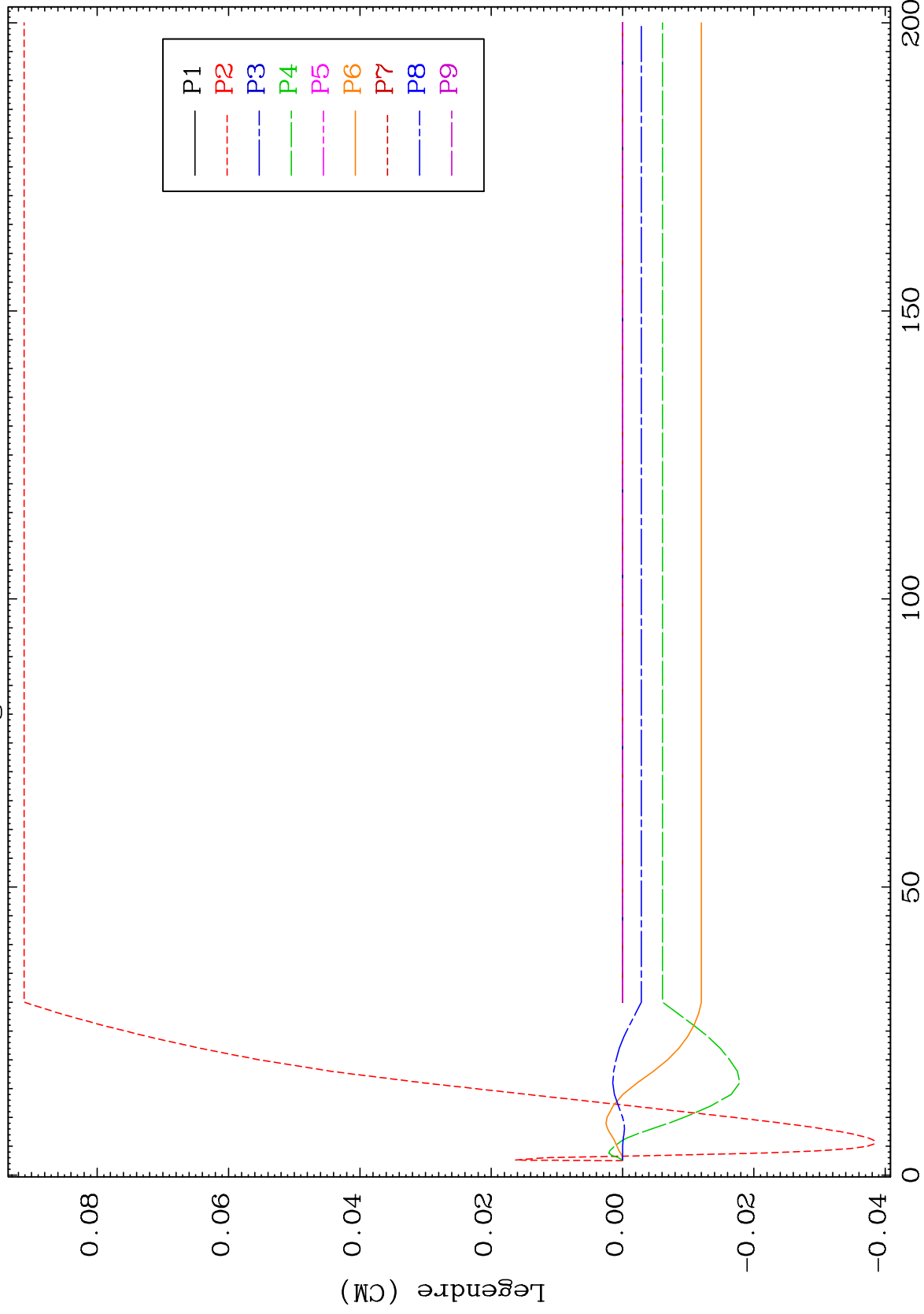
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



43

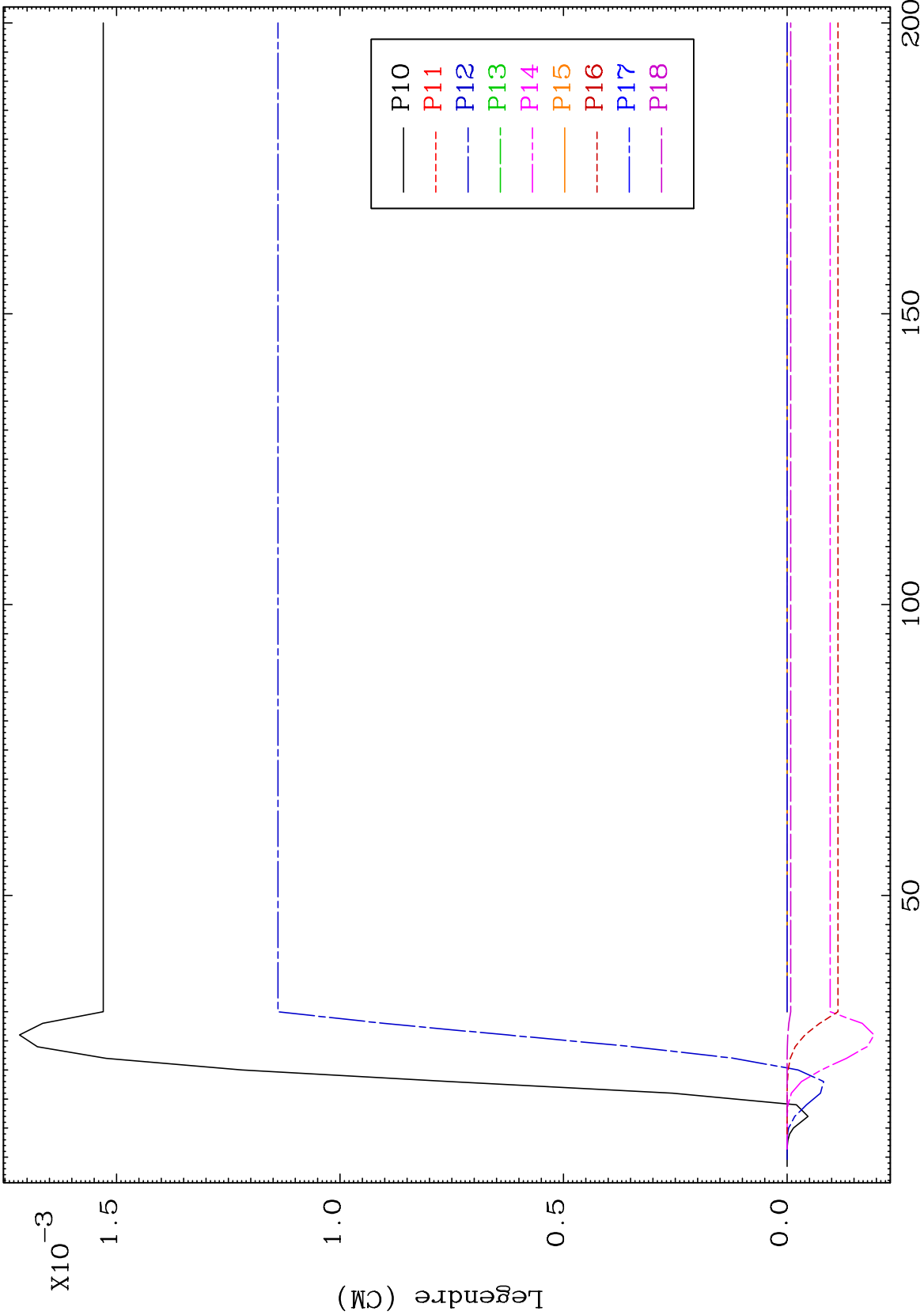
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

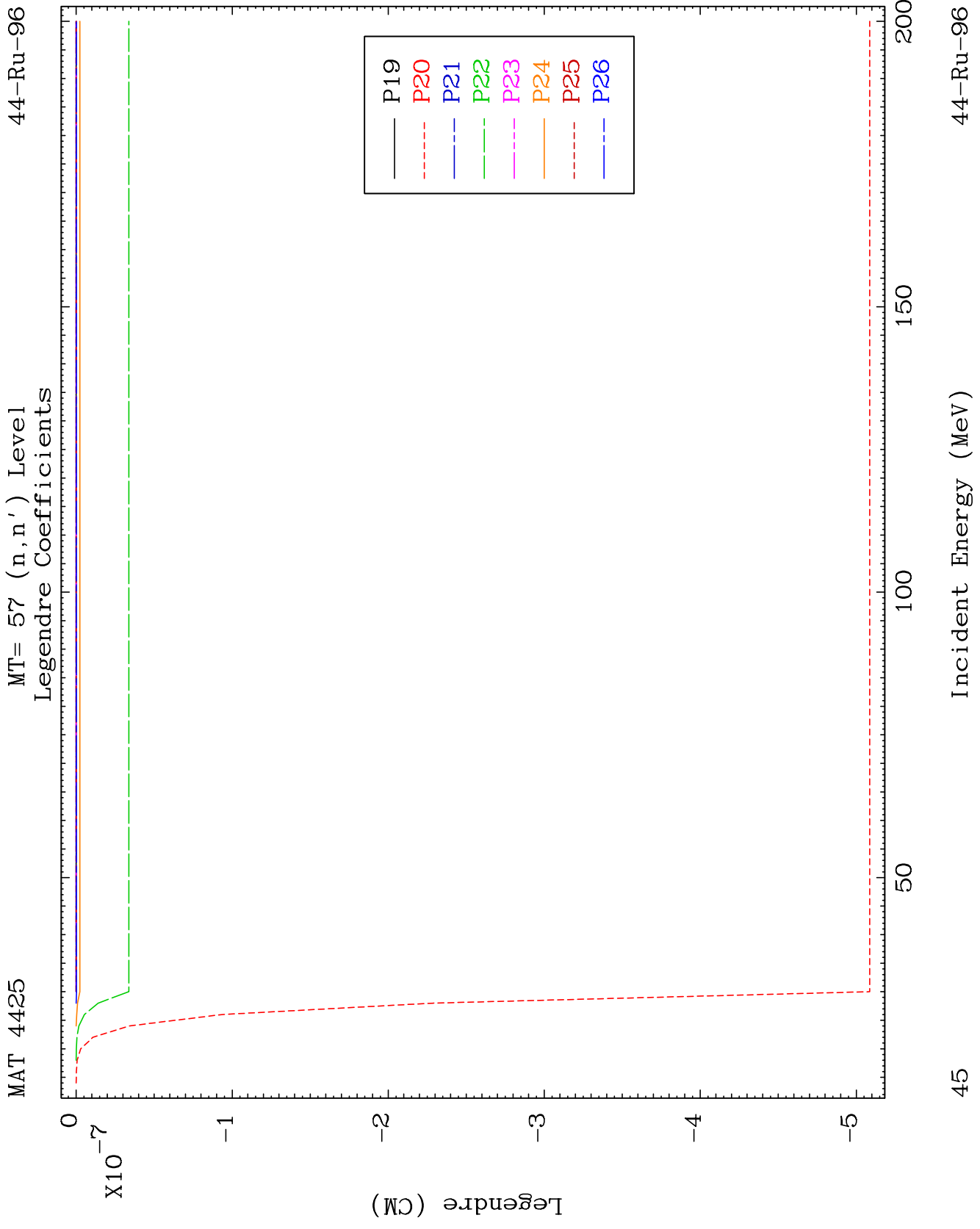
44-Ru-96



44

Incident Energy (MeV)

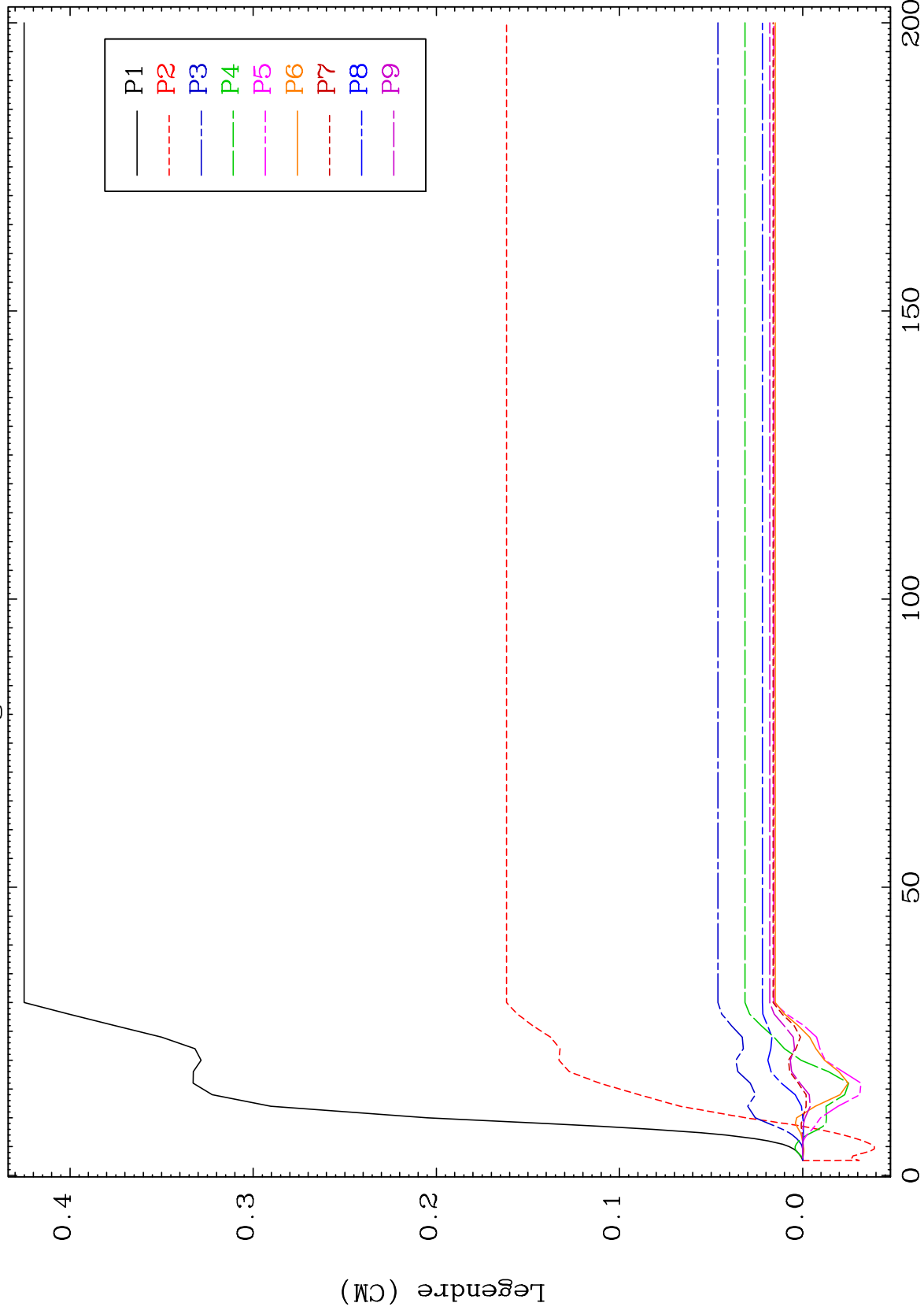
44-Ru-96



MAT 4425

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

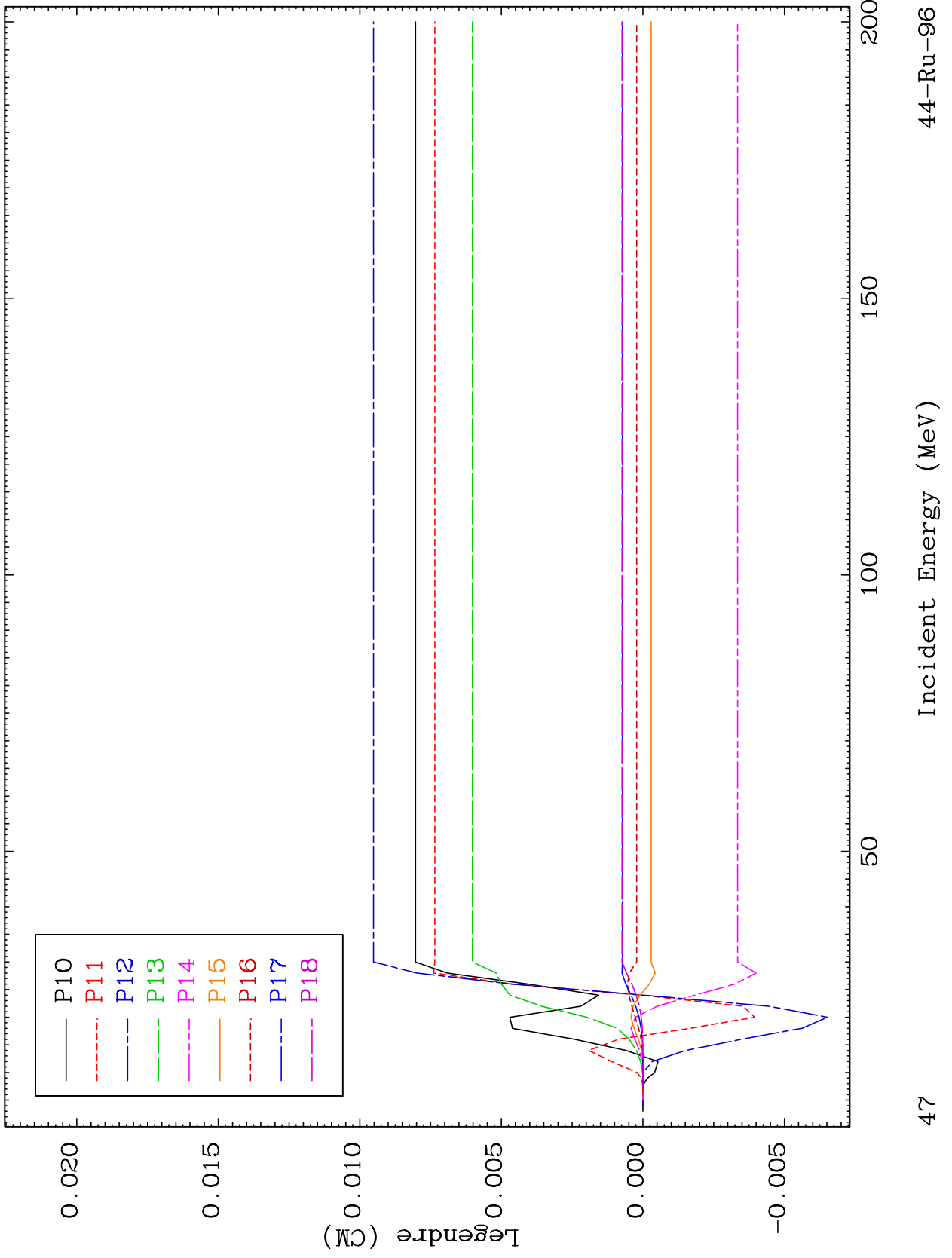
44-Ru-96



46

Incident Energy (MeV)

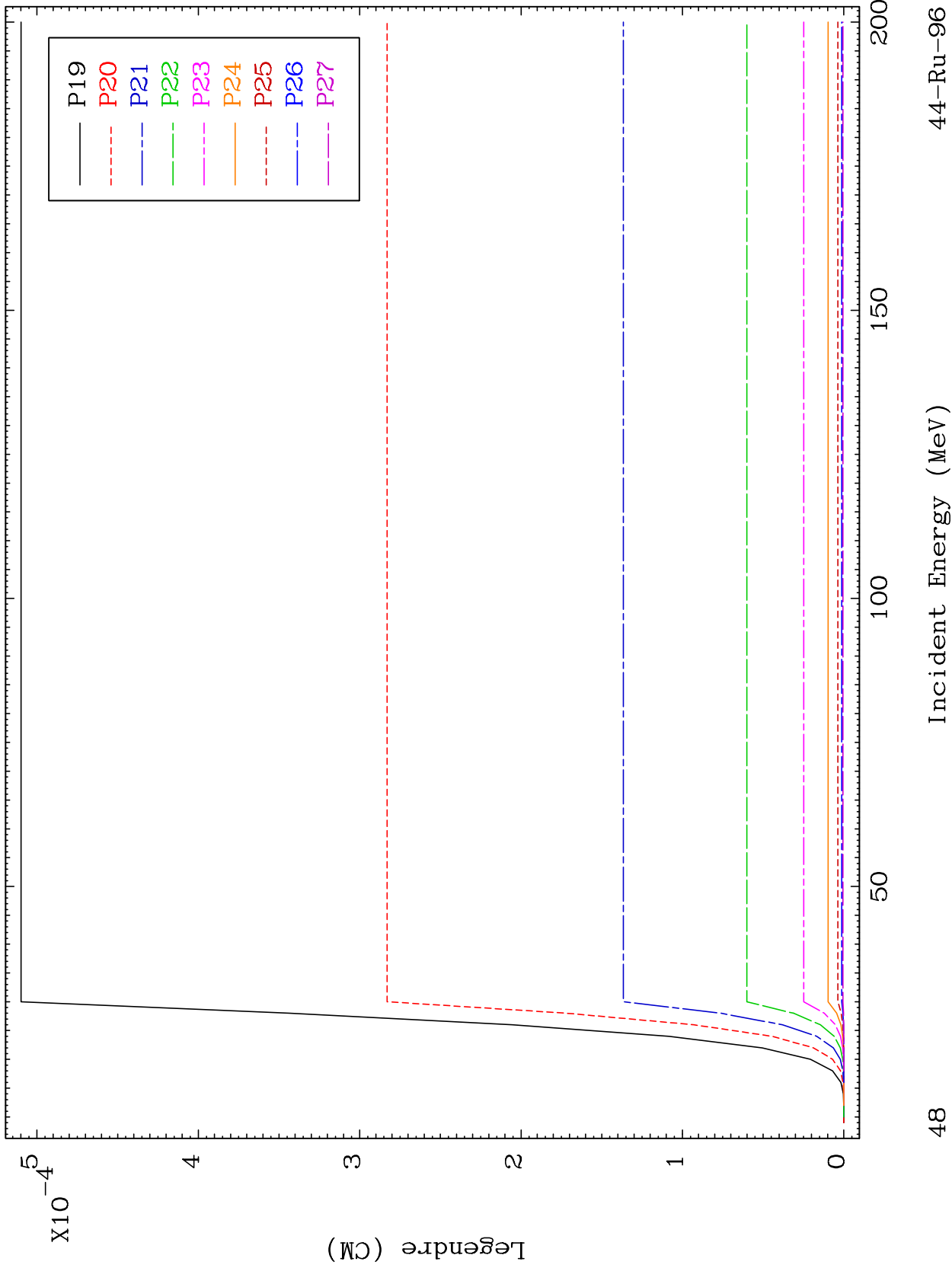
44-Ru-96



MAT 4425

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

44-Ru-96



48

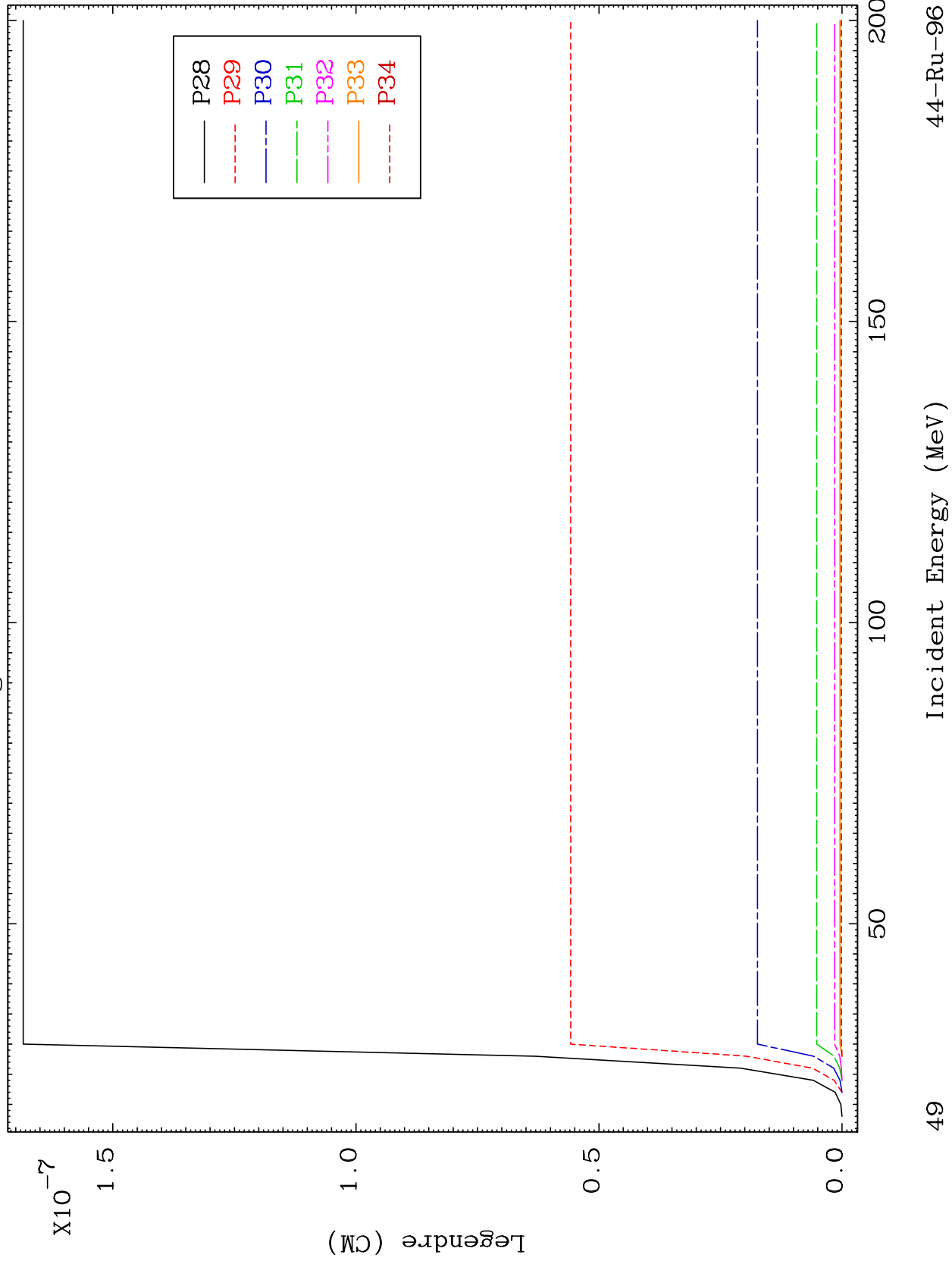
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96

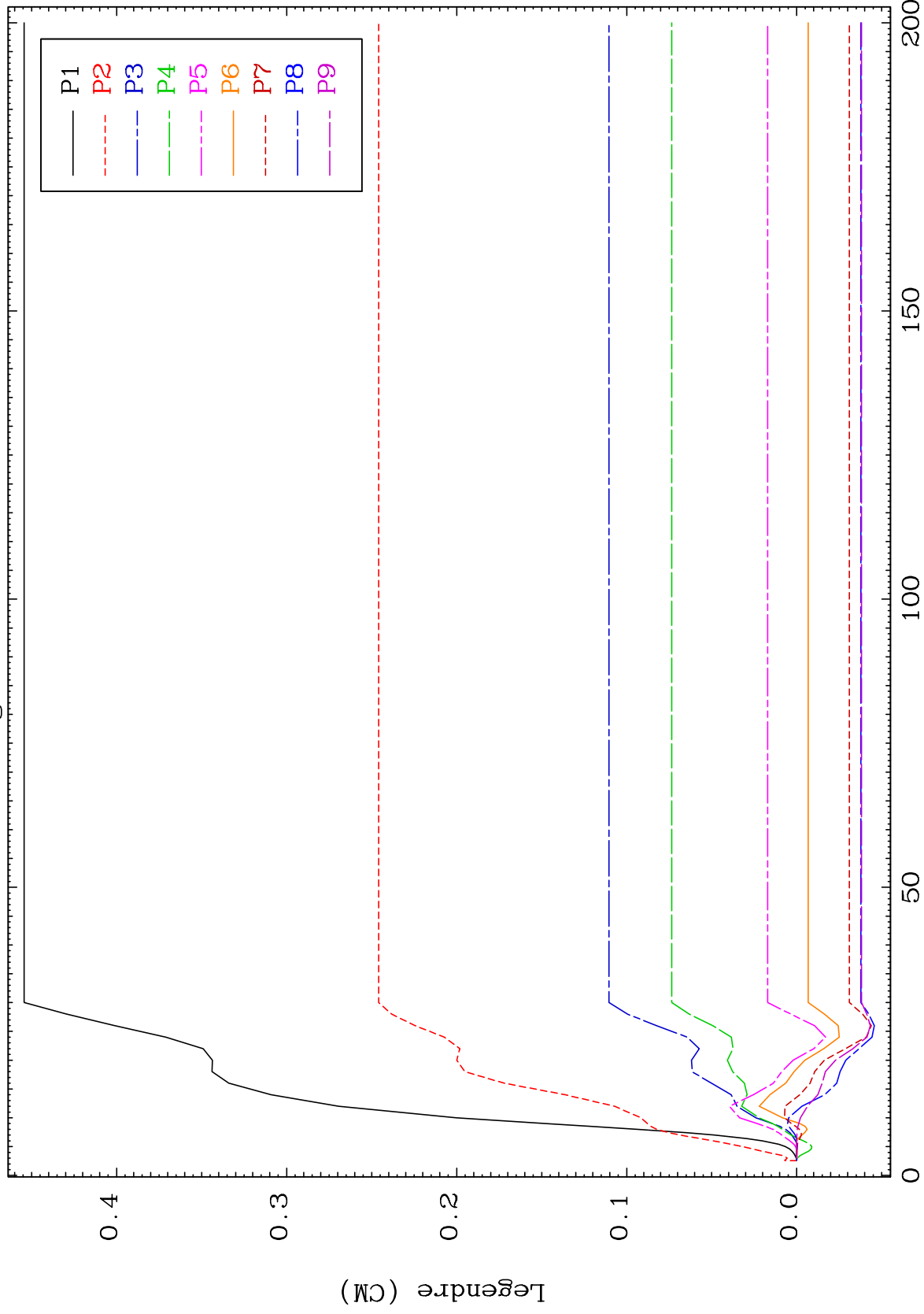


49

MAT 4425

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

44-Ru-96



44-Ru-96

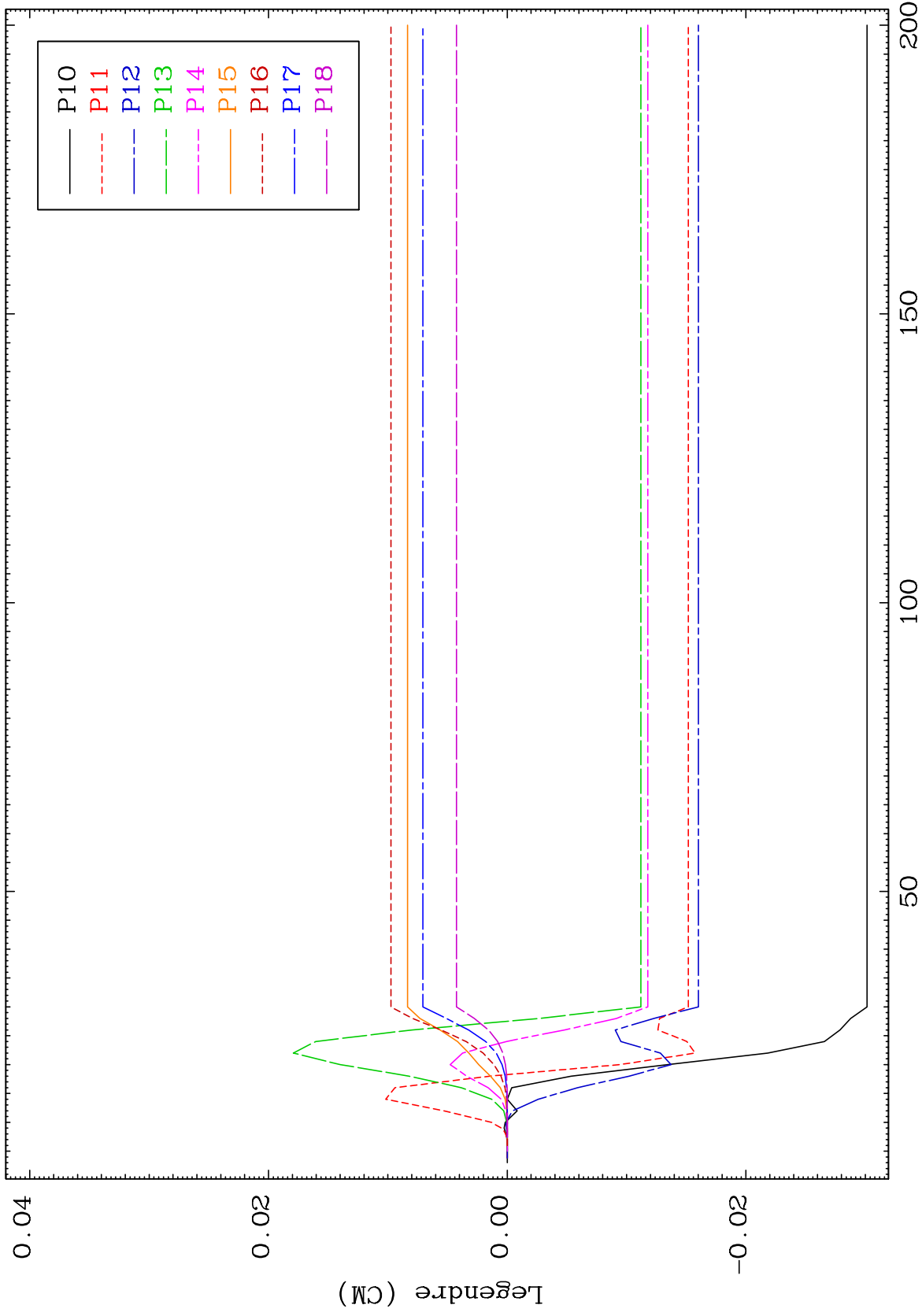
Incident Energy (MeV)

50

MAT 4425

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

44-Ru-96



51

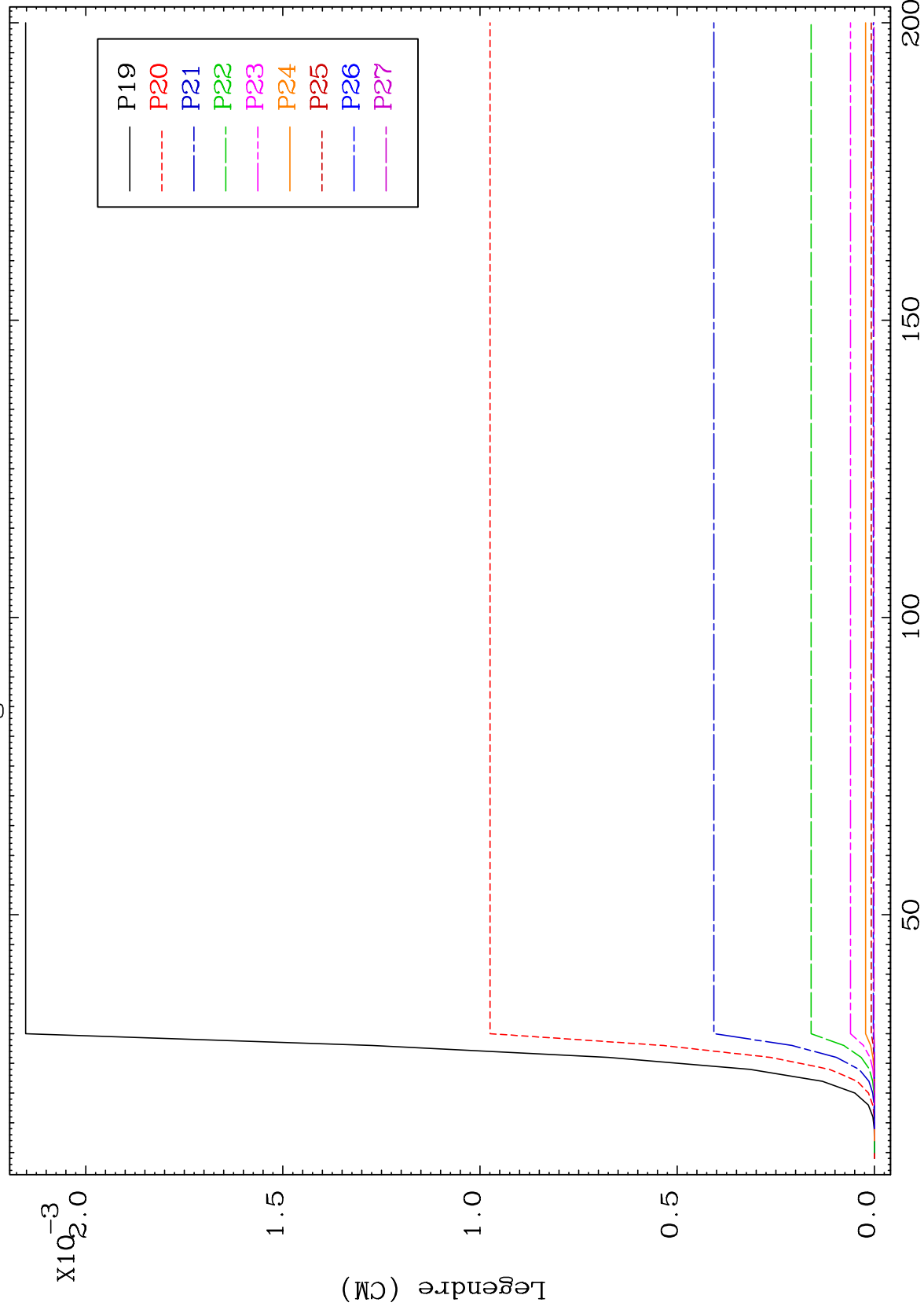
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



52

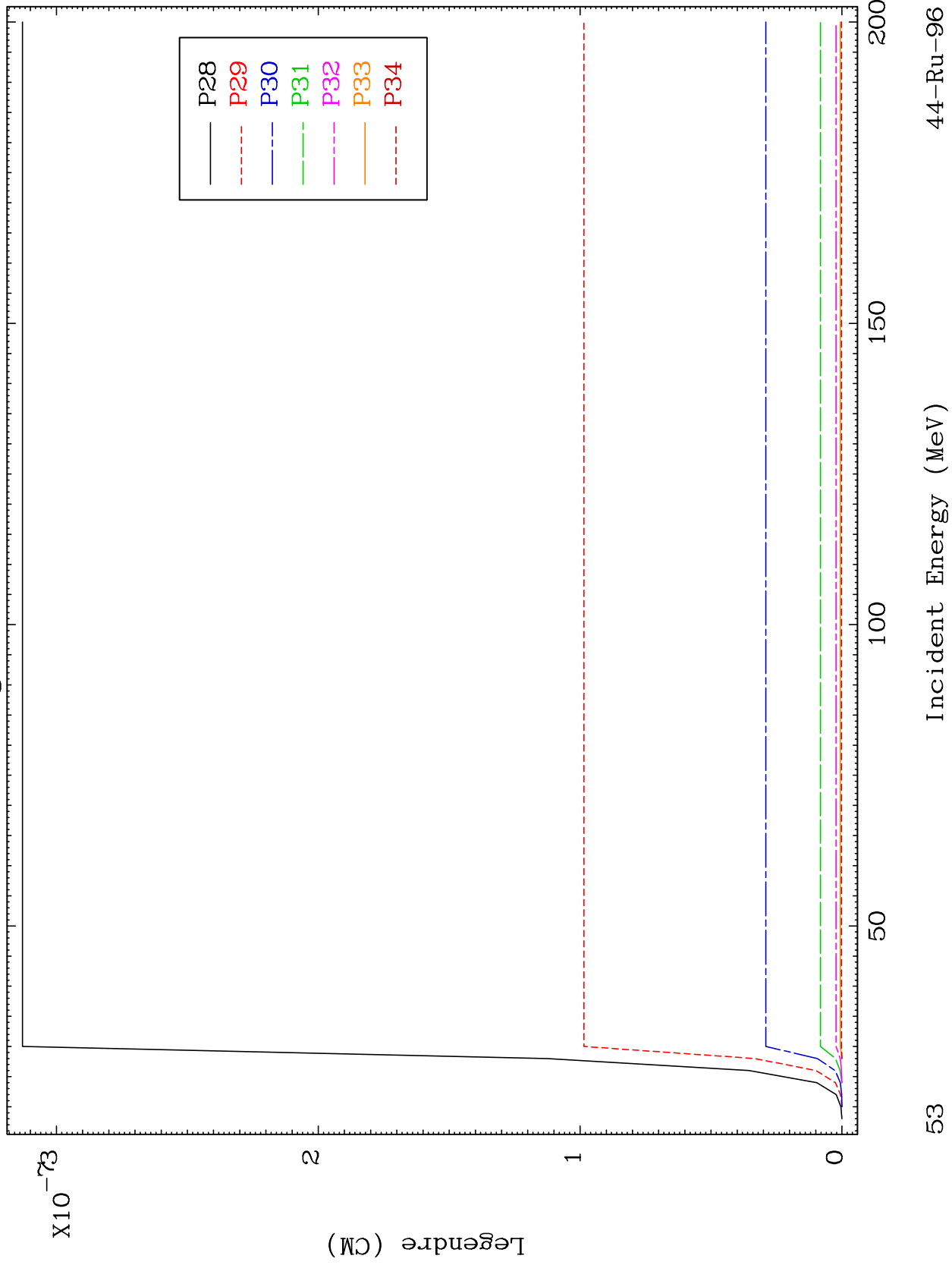
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



53

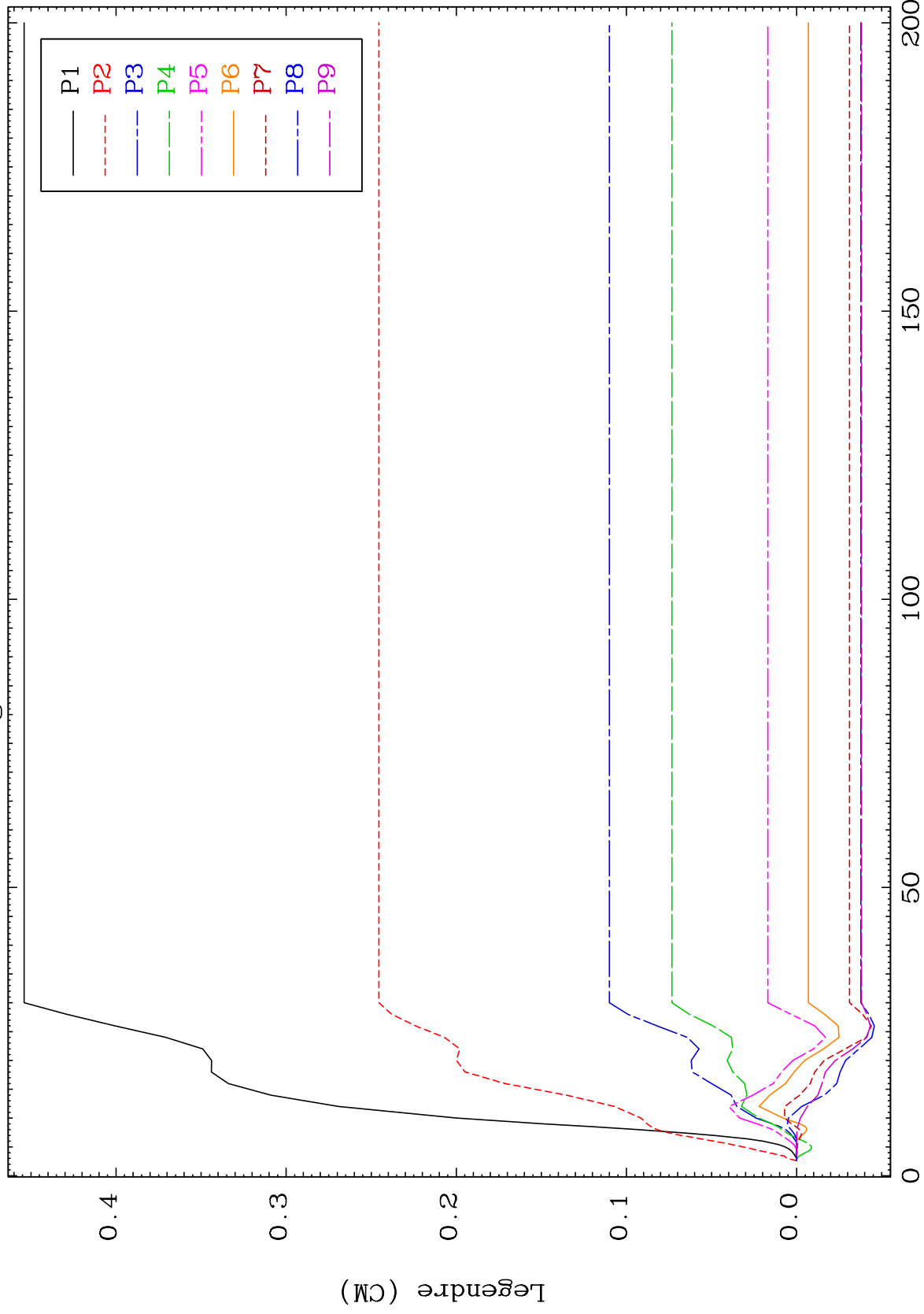
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



54

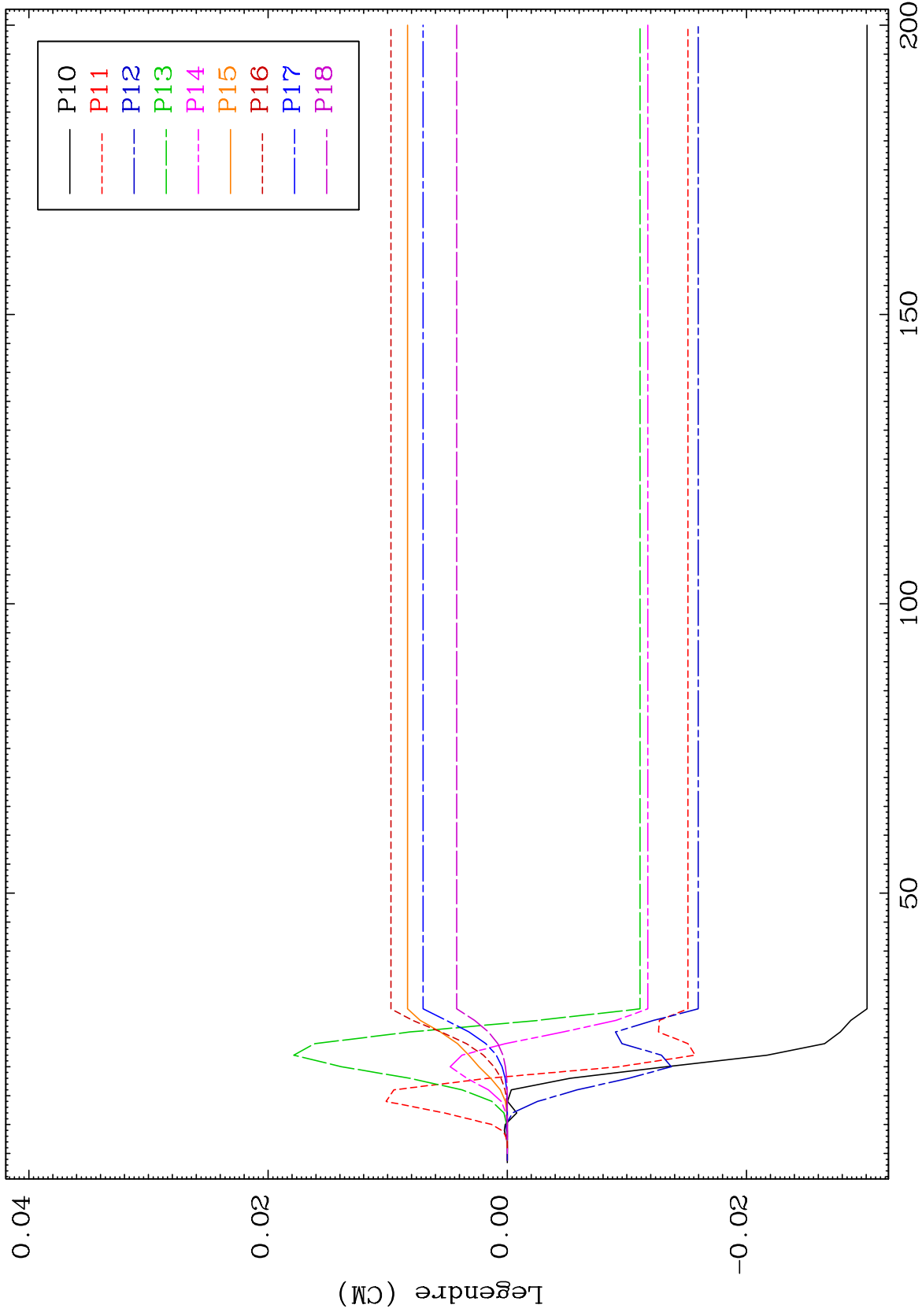
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



55

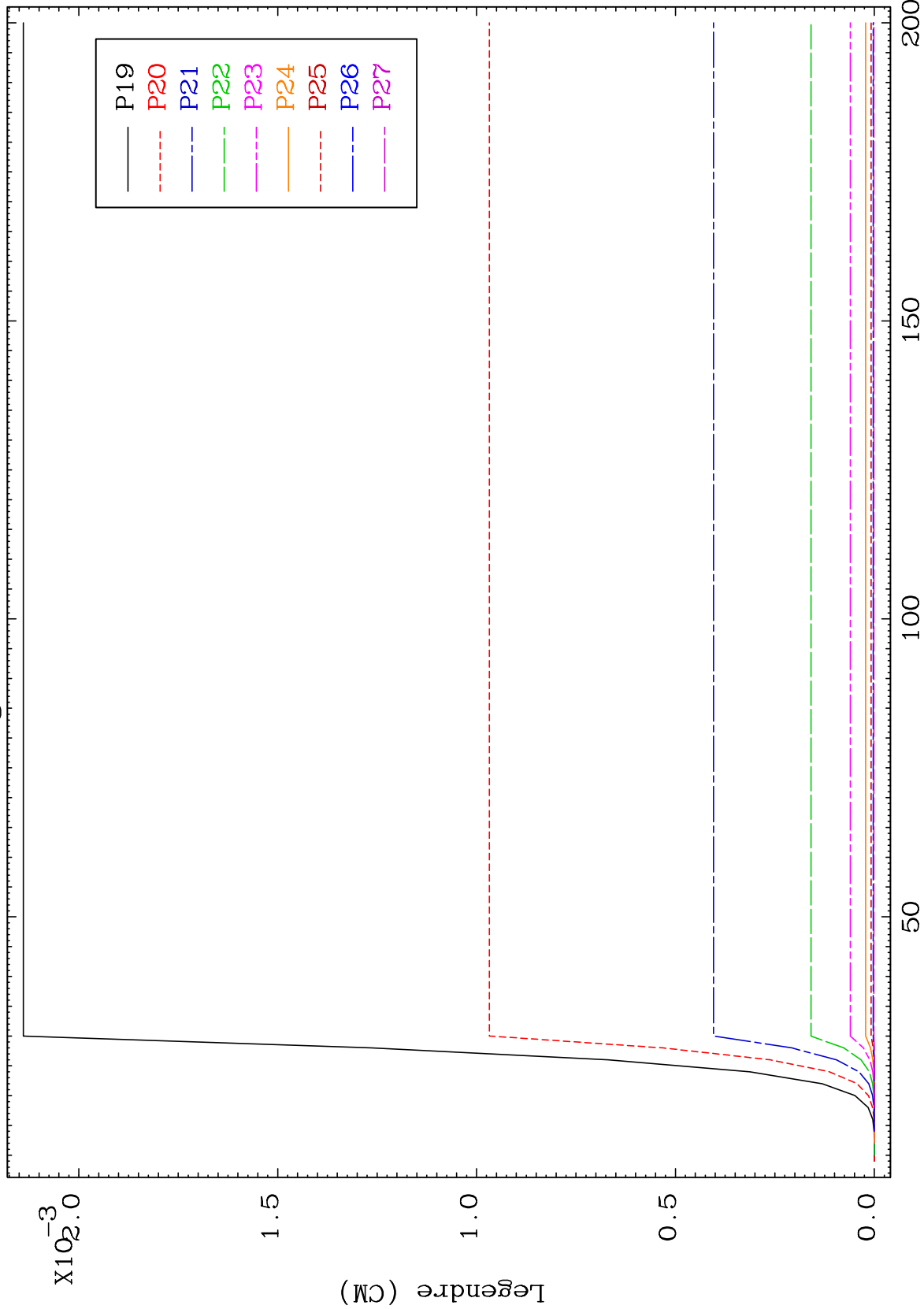
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



56

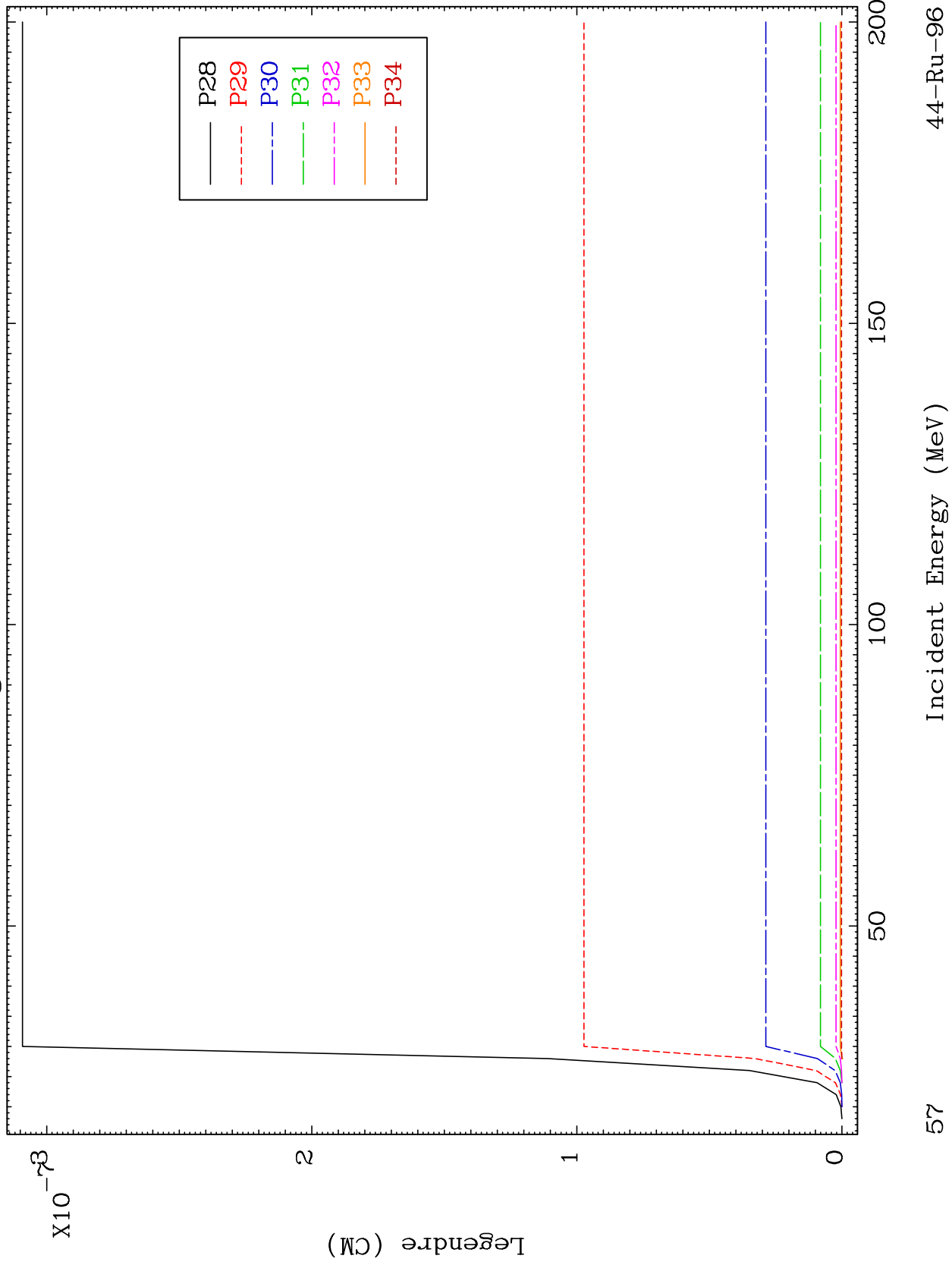
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



57

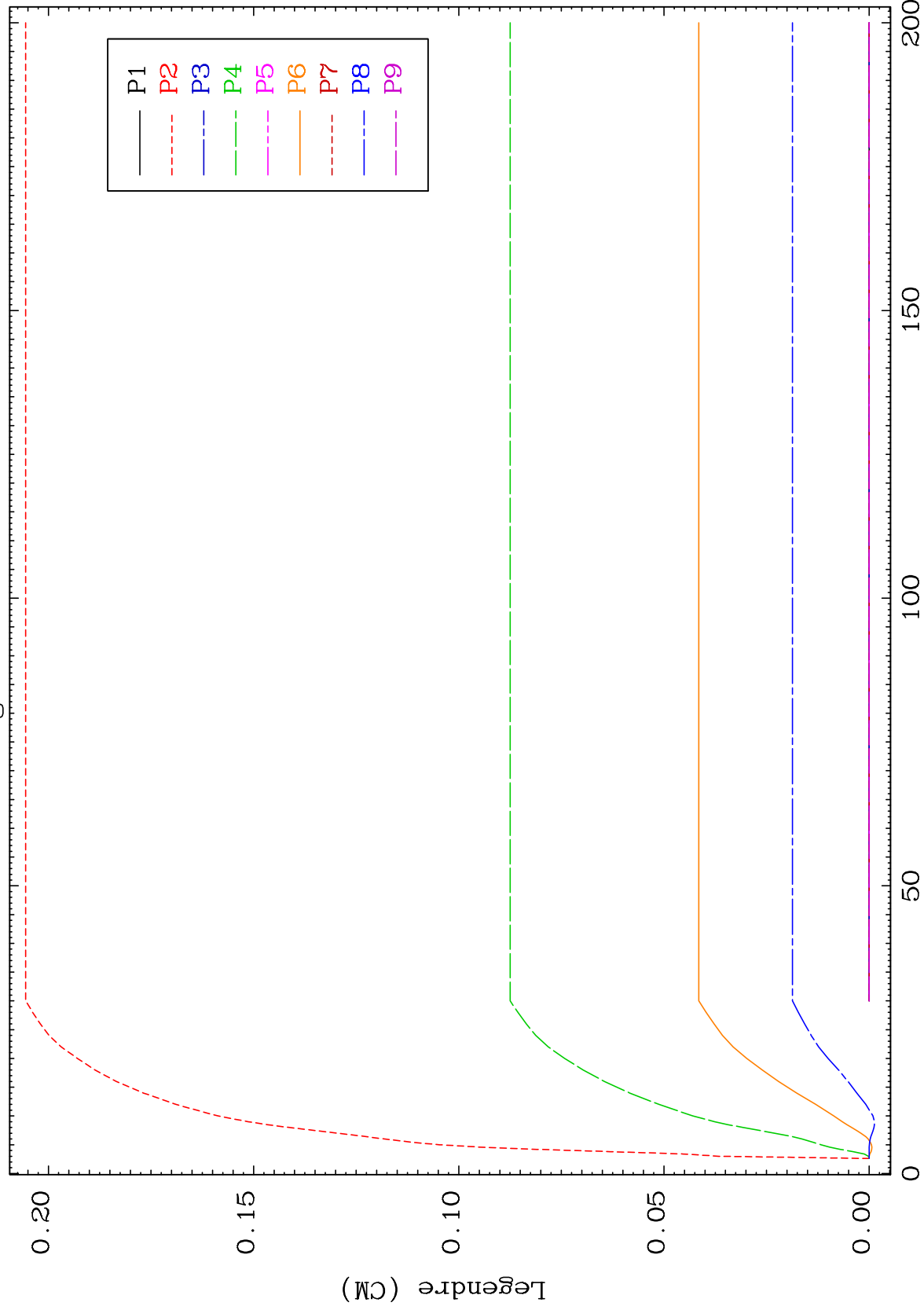
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

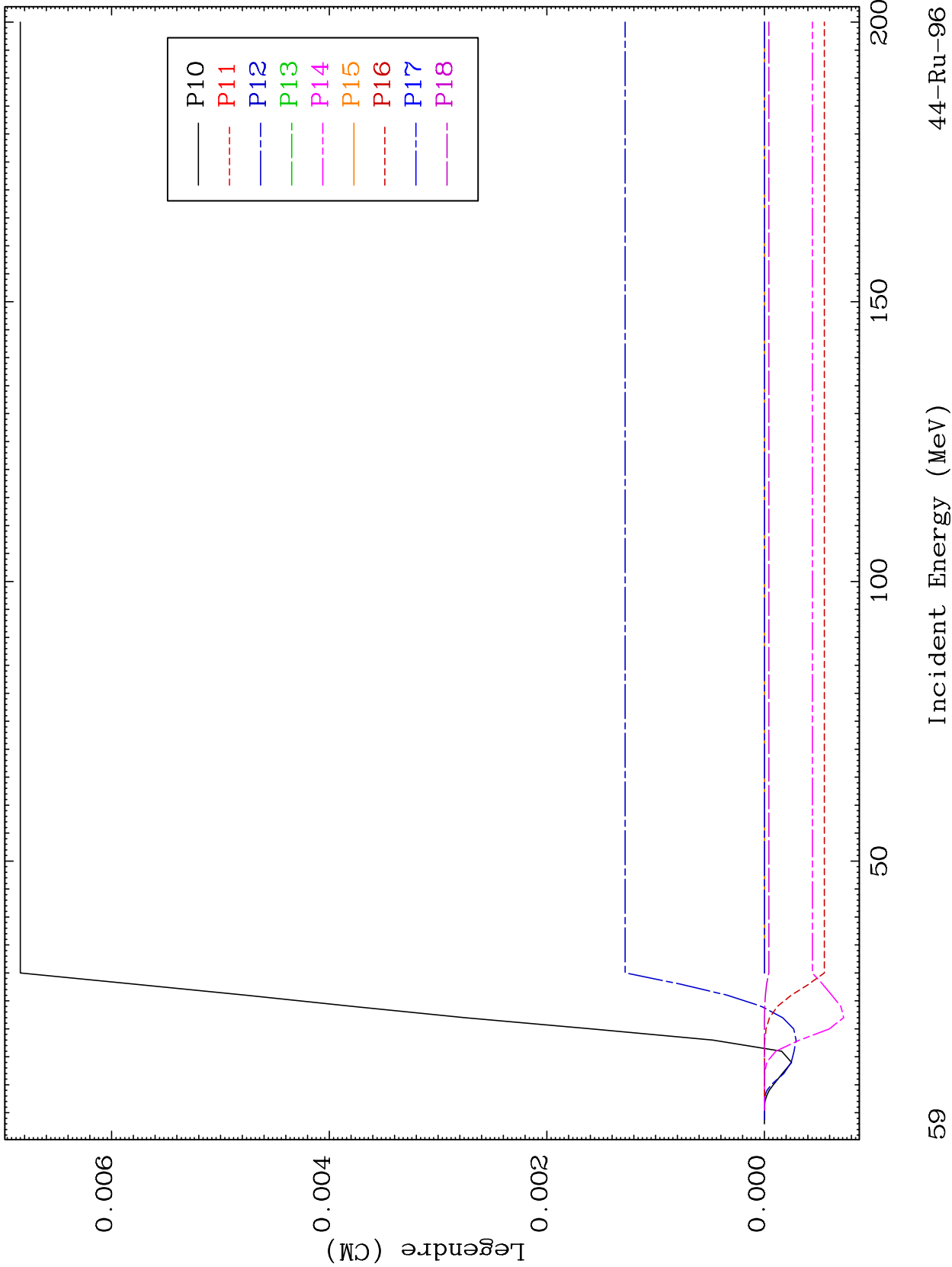
44-Ru-96

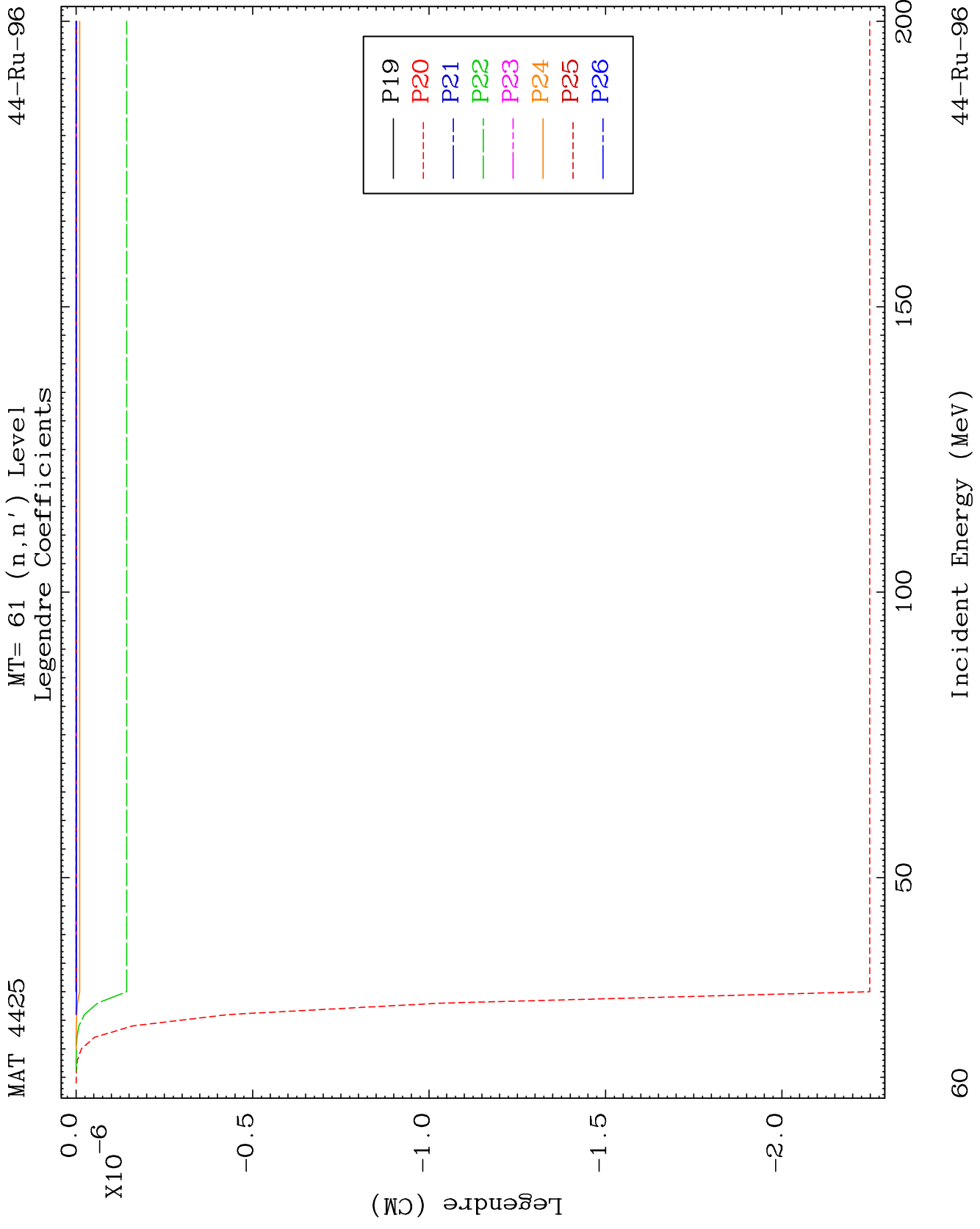


58

Incident Energy (MeV)

44-Ru-96

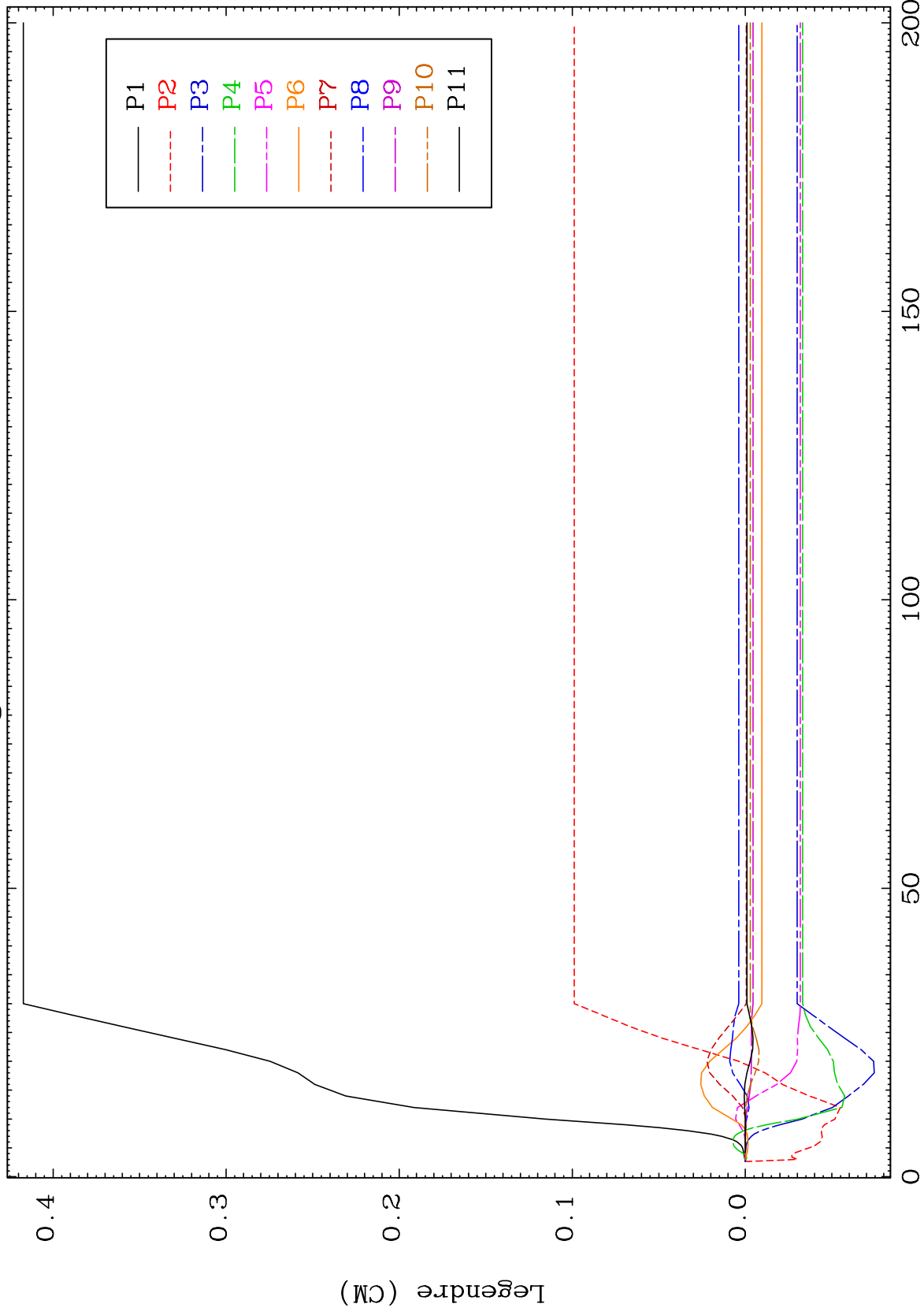




MAT 4425

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

44-Ru-96



61

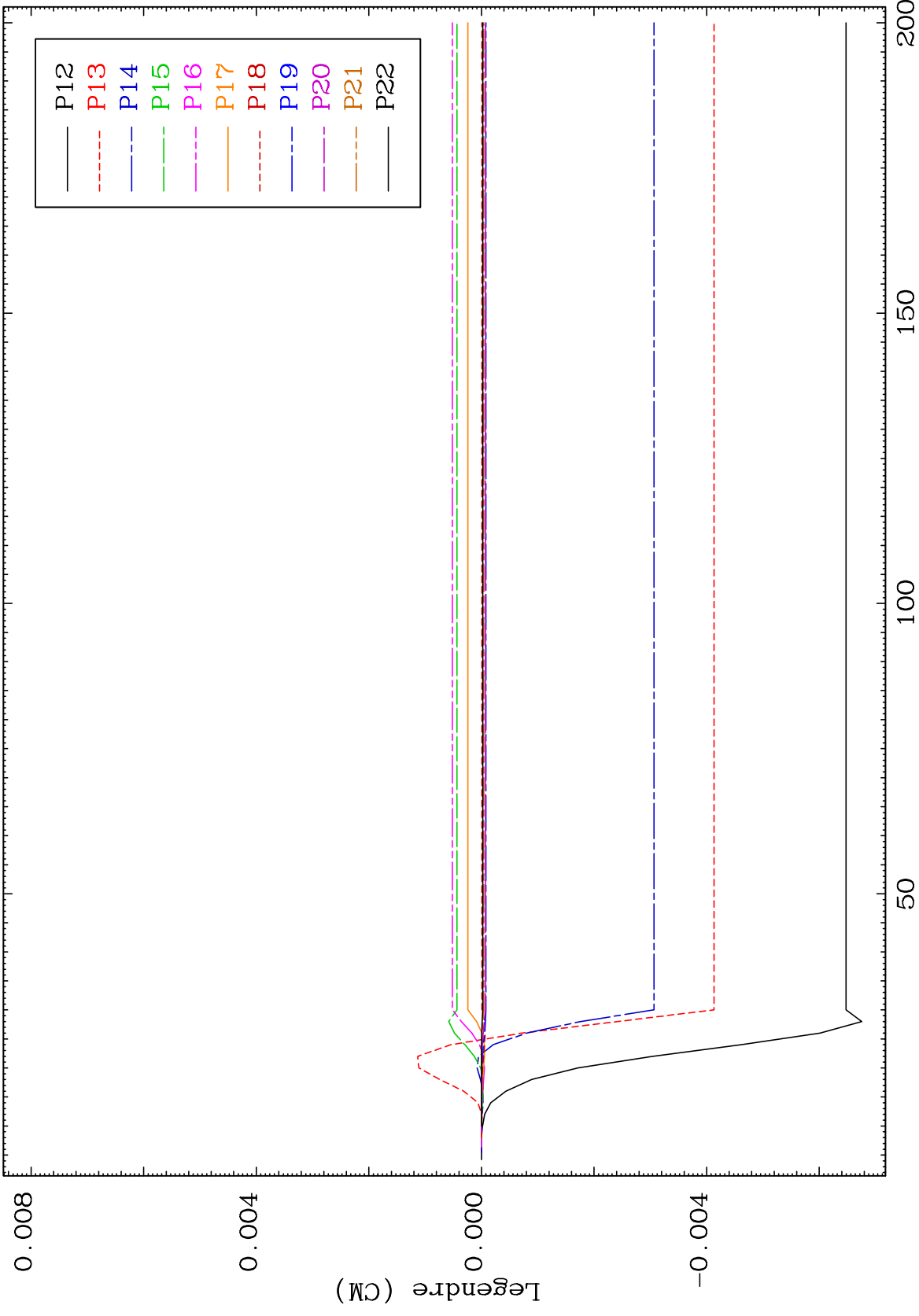
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



62

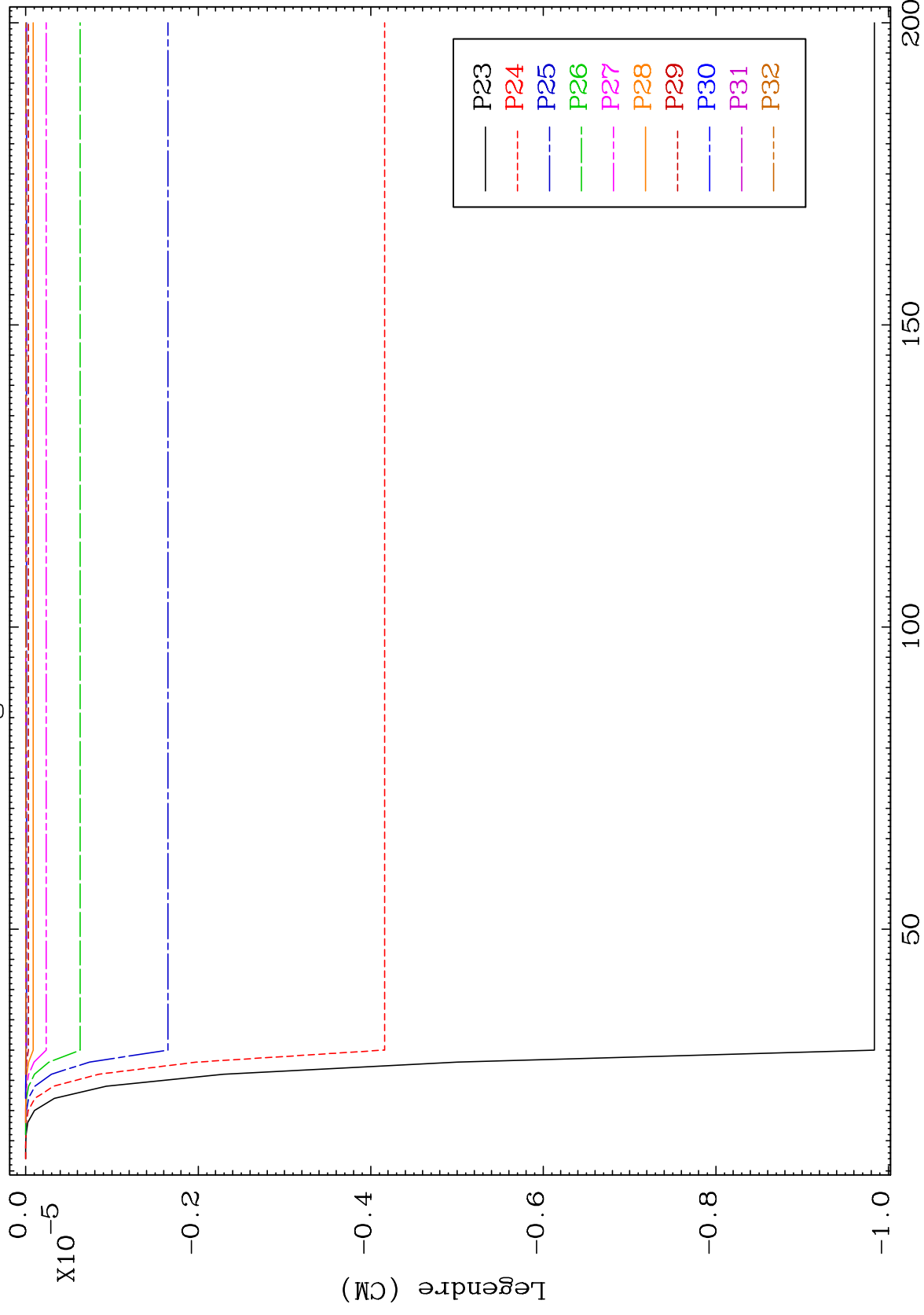
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



63

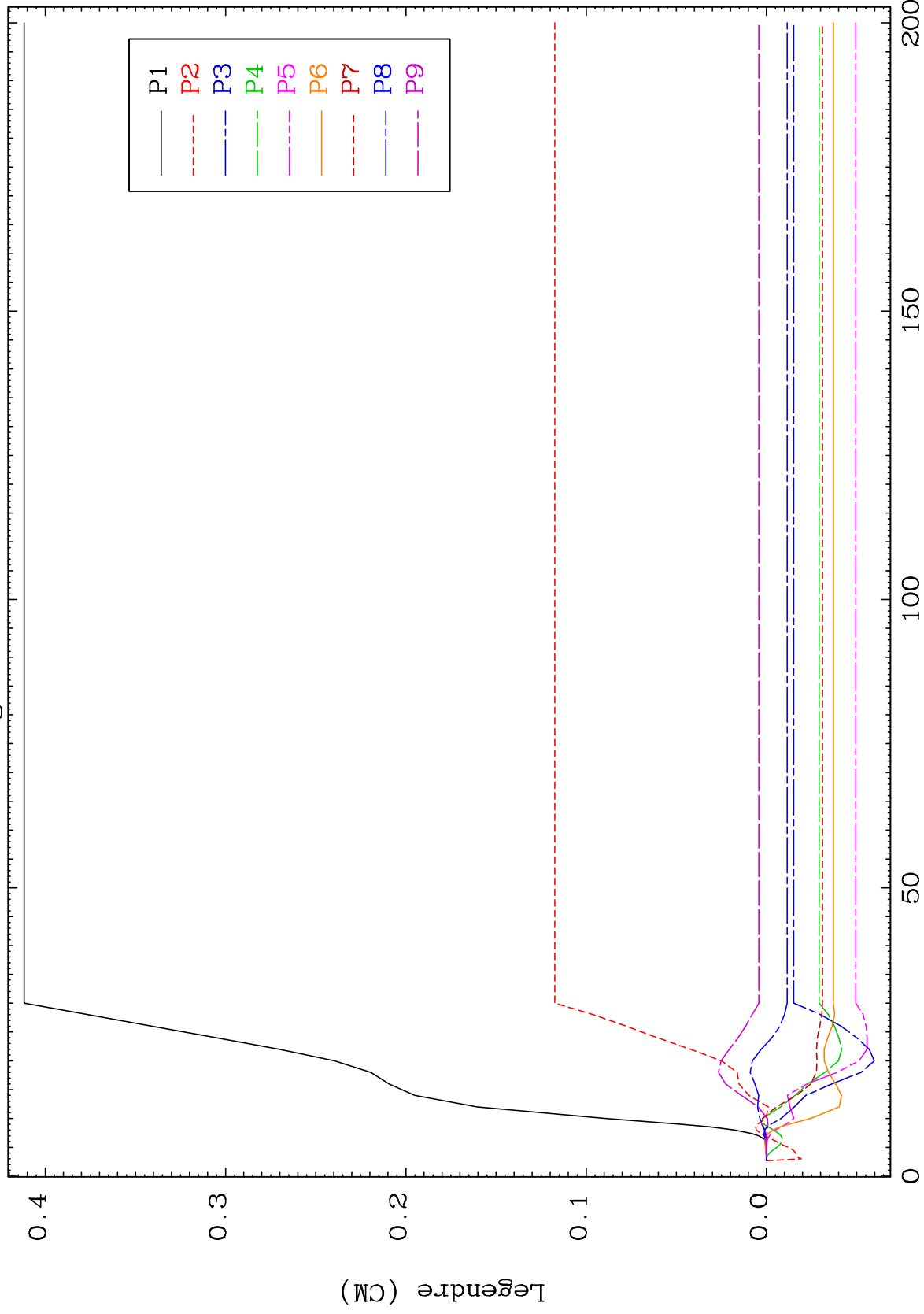
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



64

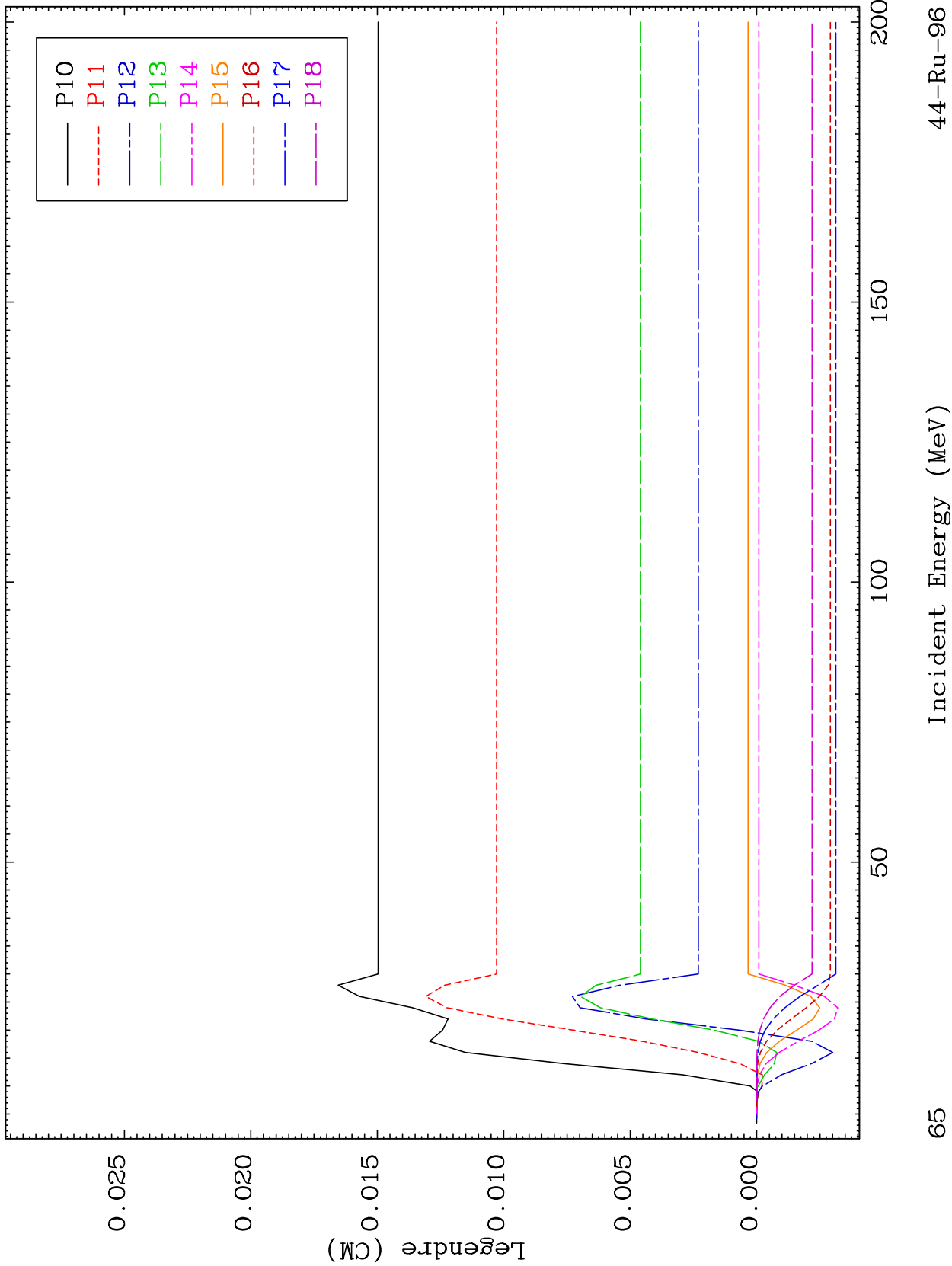
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96

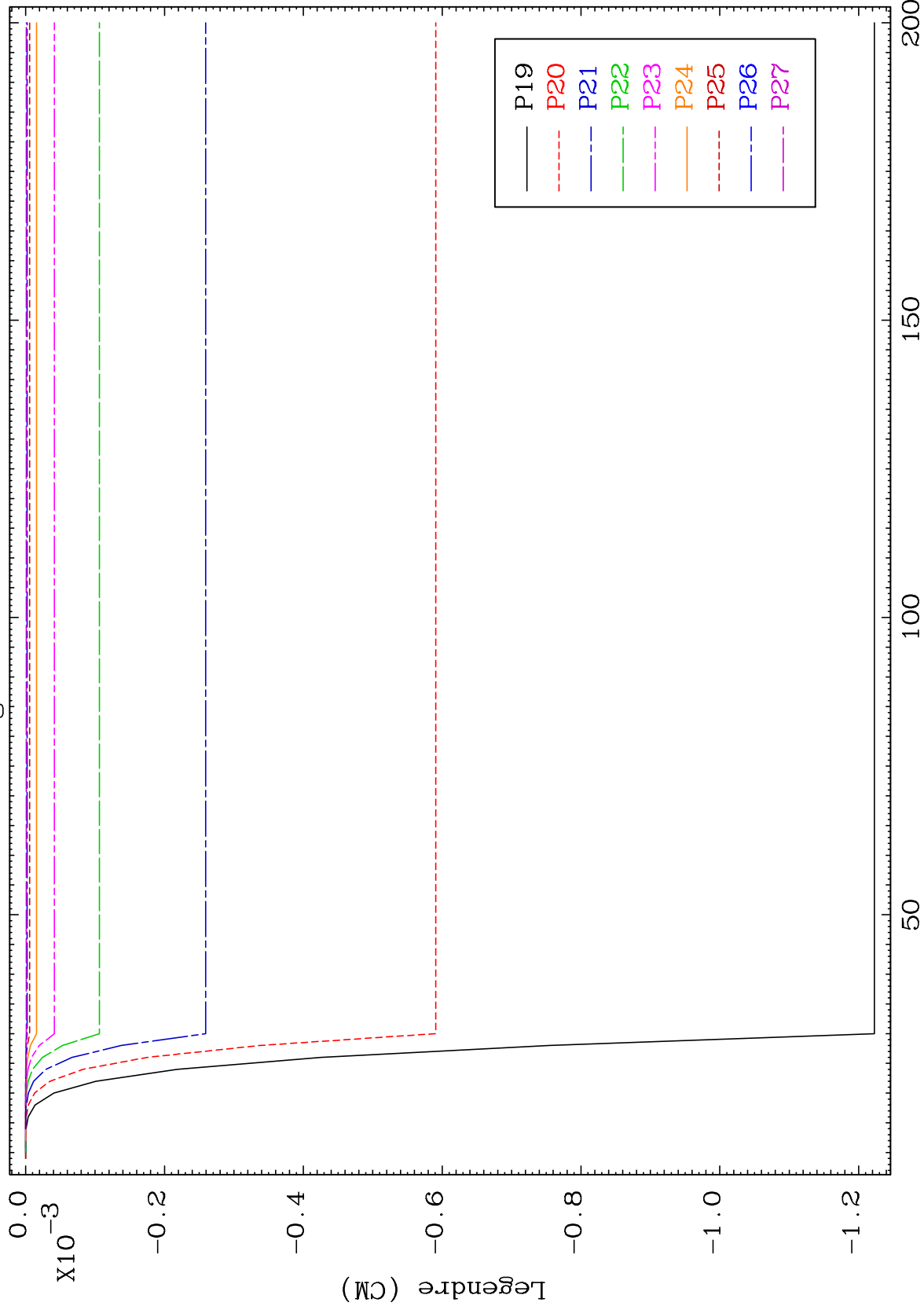


65

Incident Energy (MeV)

44-Ru-96

Legendre Coefficients

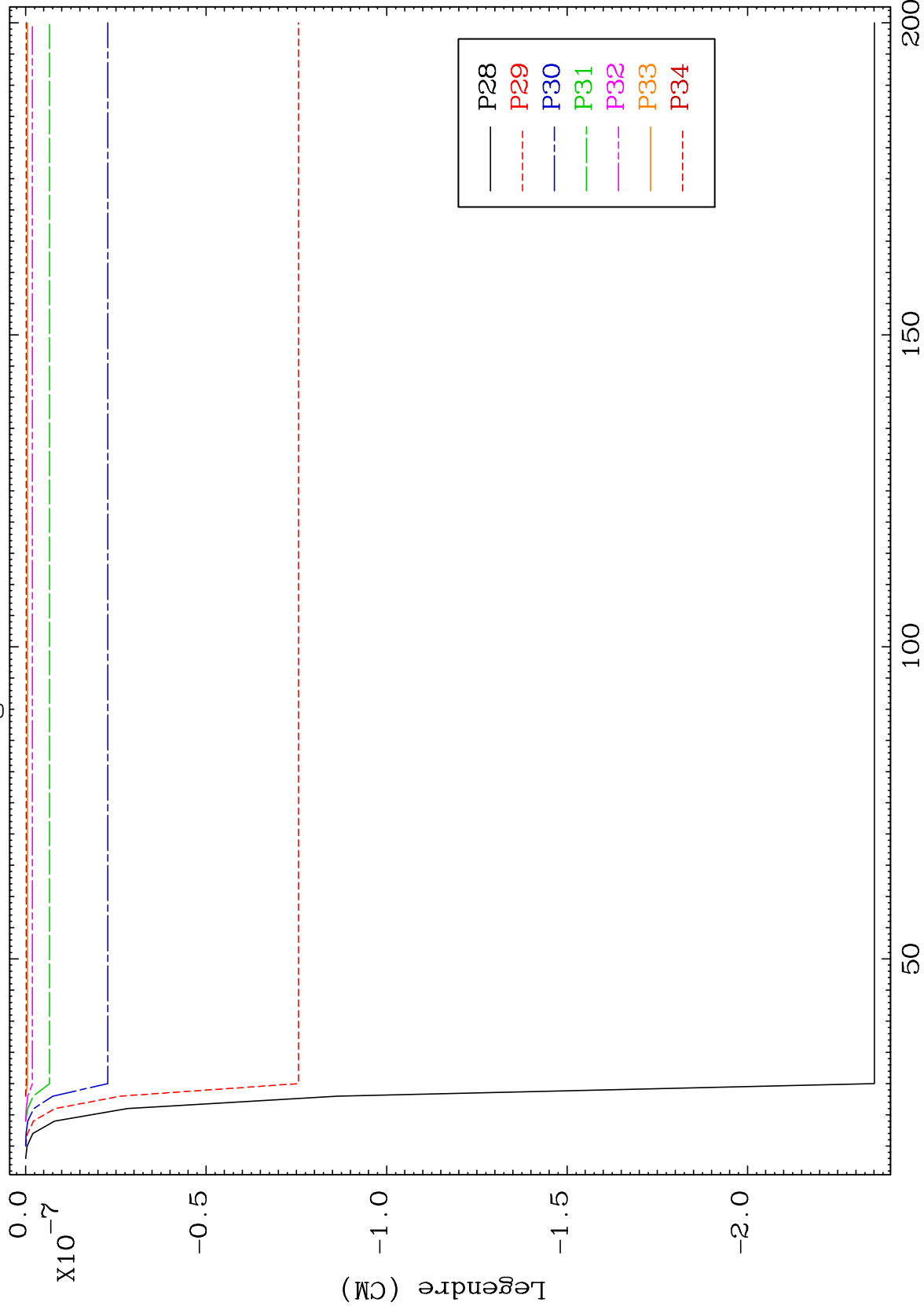


MAT 4425

MT= 63 (n,n') Level

44-Ru-96

Legendre Coefficients



67

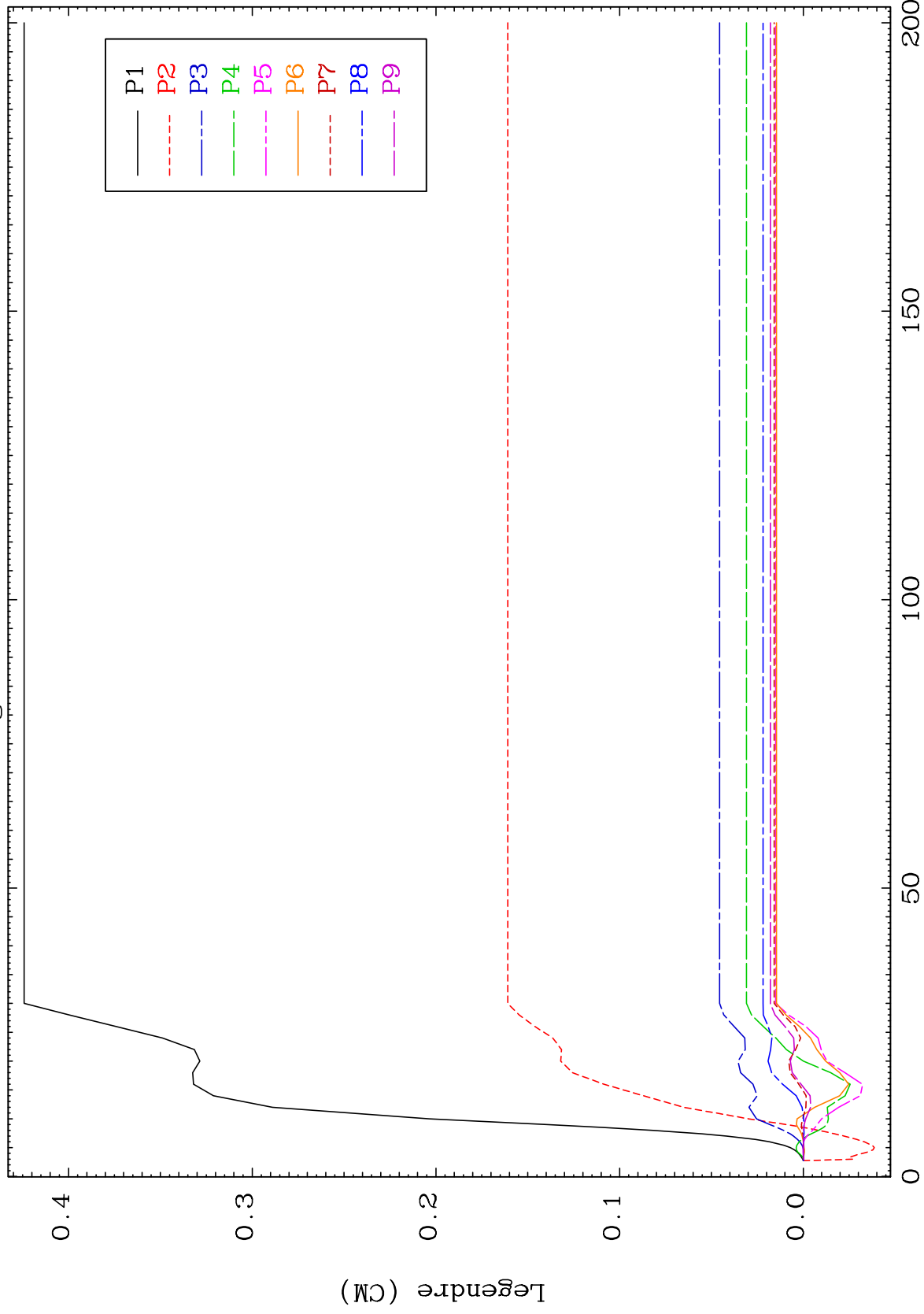
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

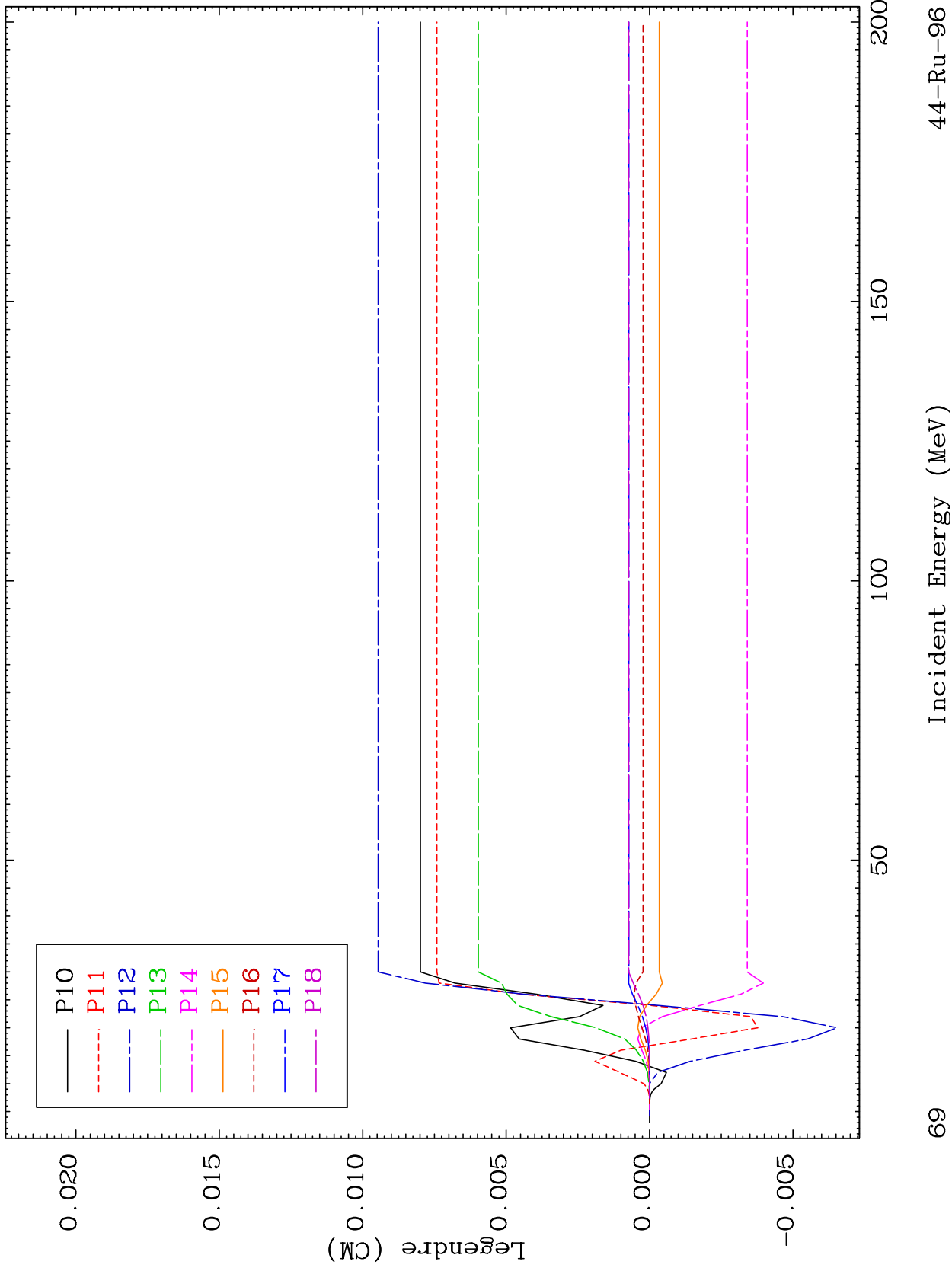
44-Ru-96



68

Incident Energy (MeV)

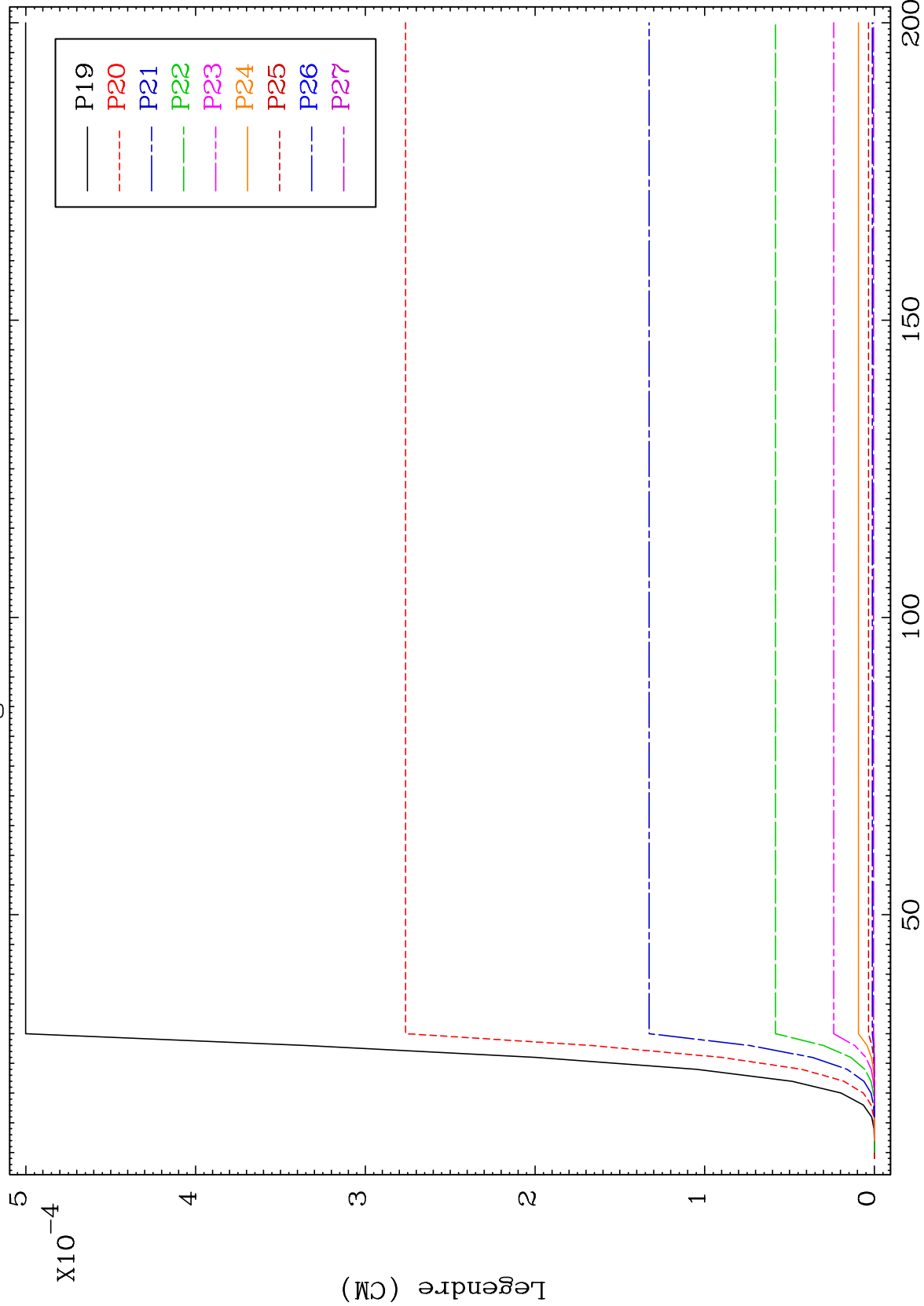
44-Ru-96



MAT 4425

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

44-Ru-96



70

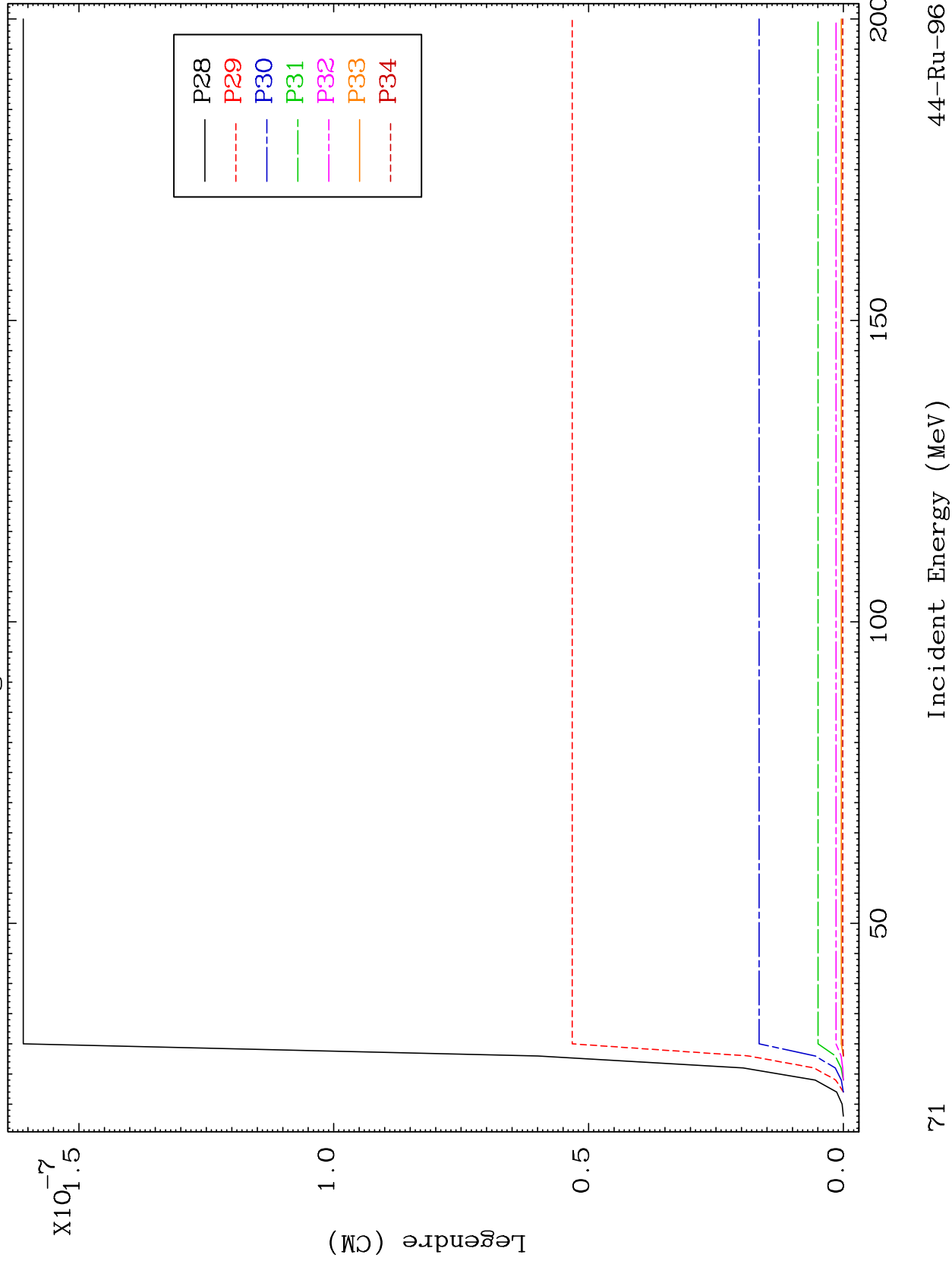
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

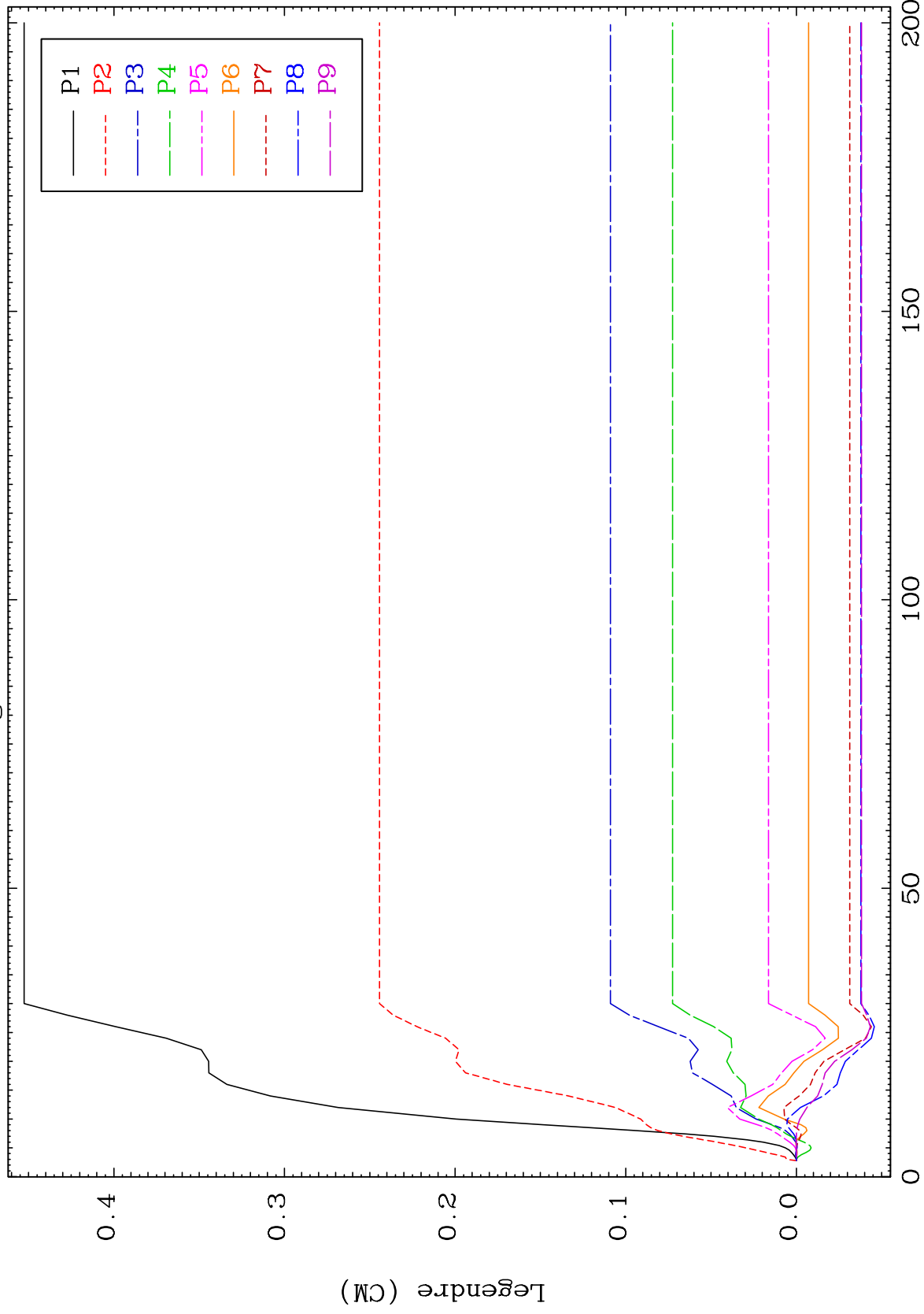
44-Ru-96



MAT 4425

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

44-Ru-96



72

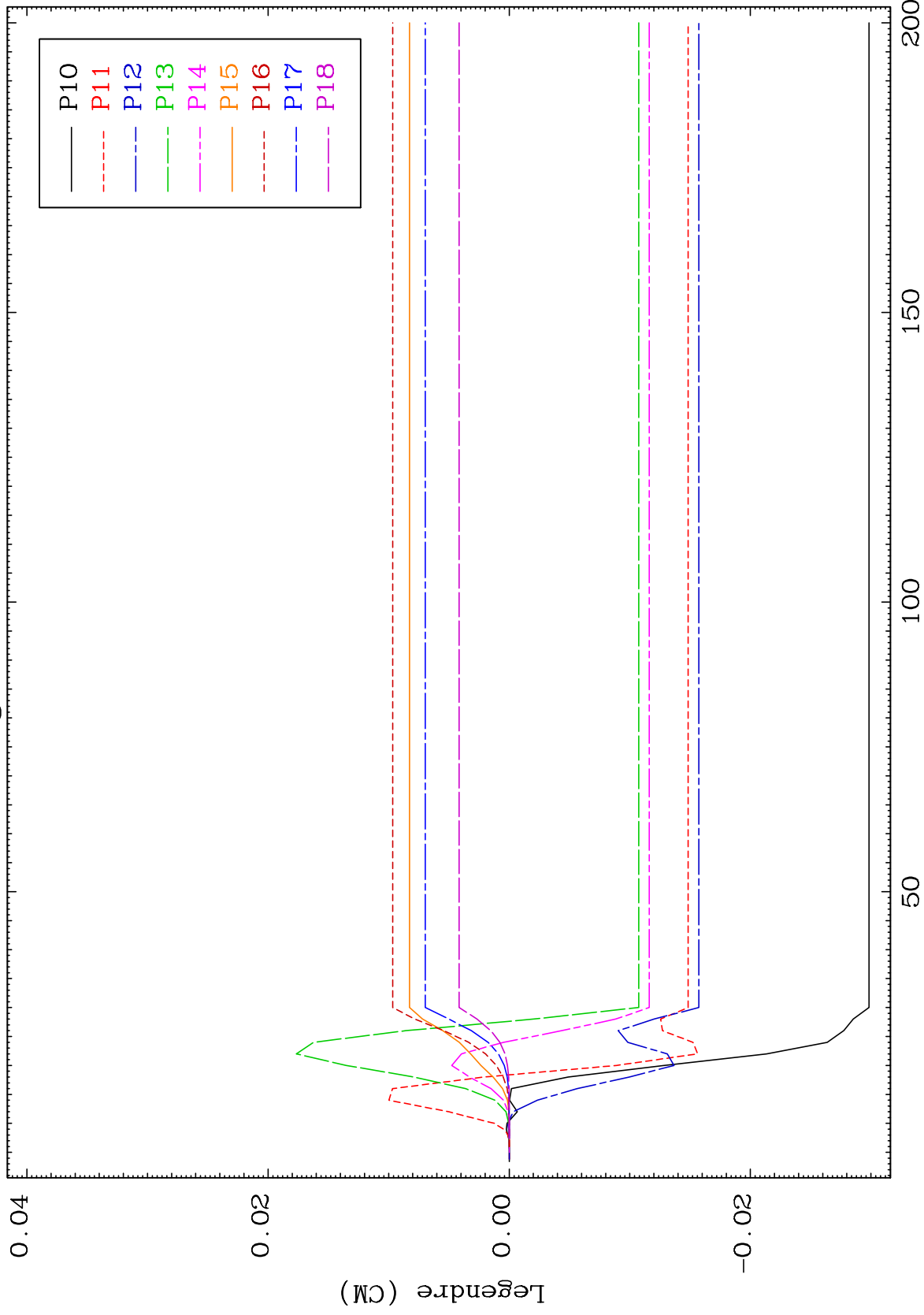
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



73

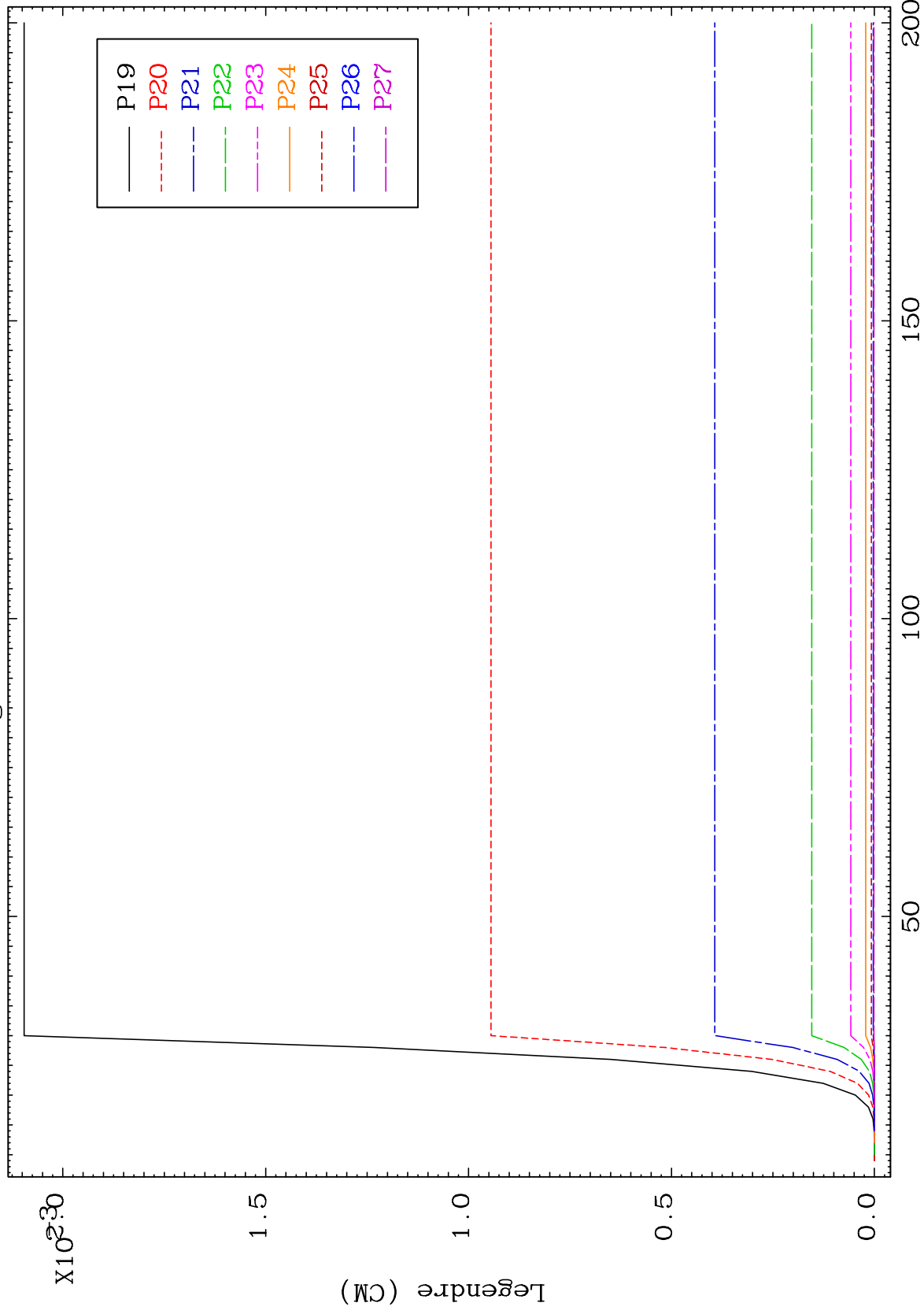
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



74

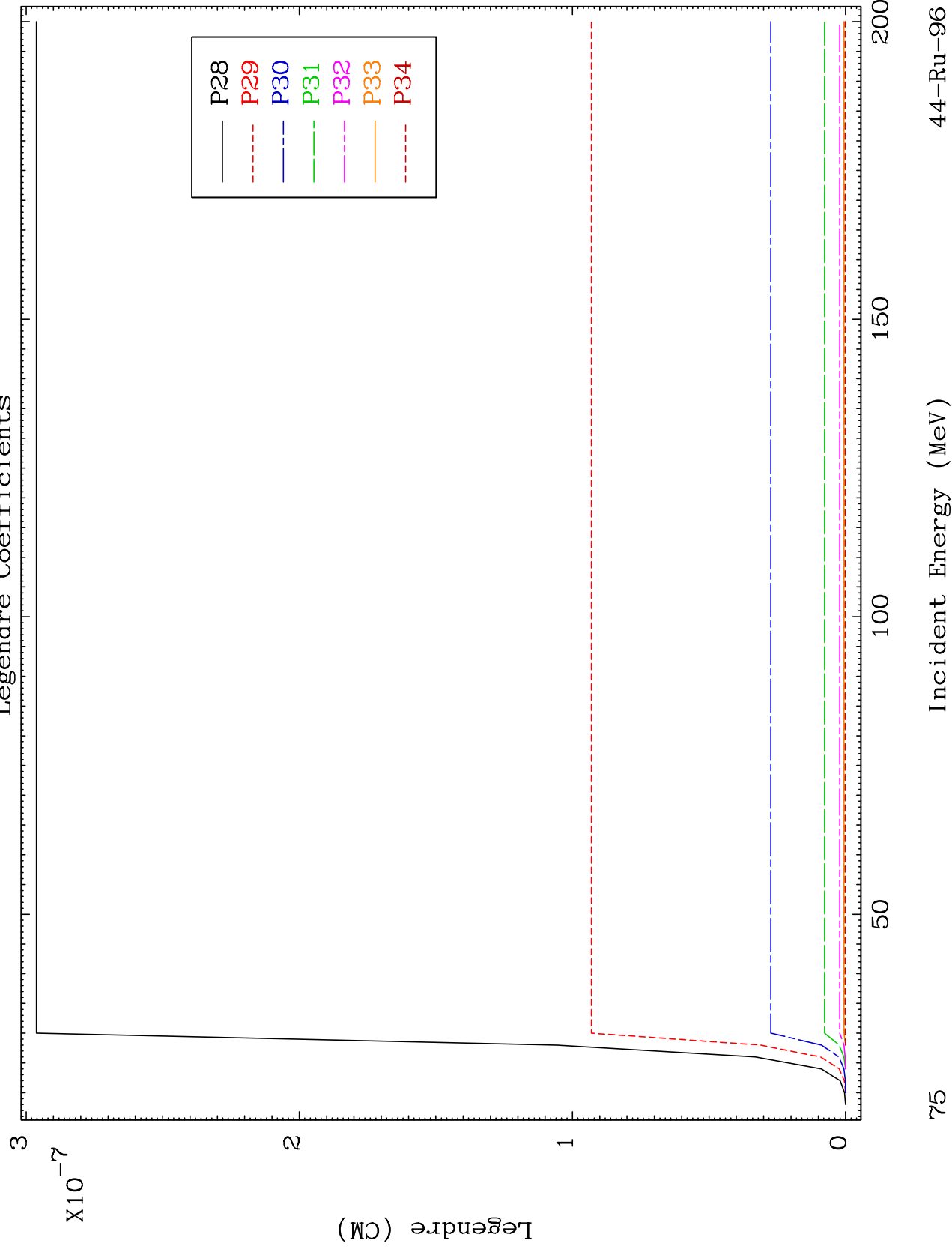
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



44-Ru-96

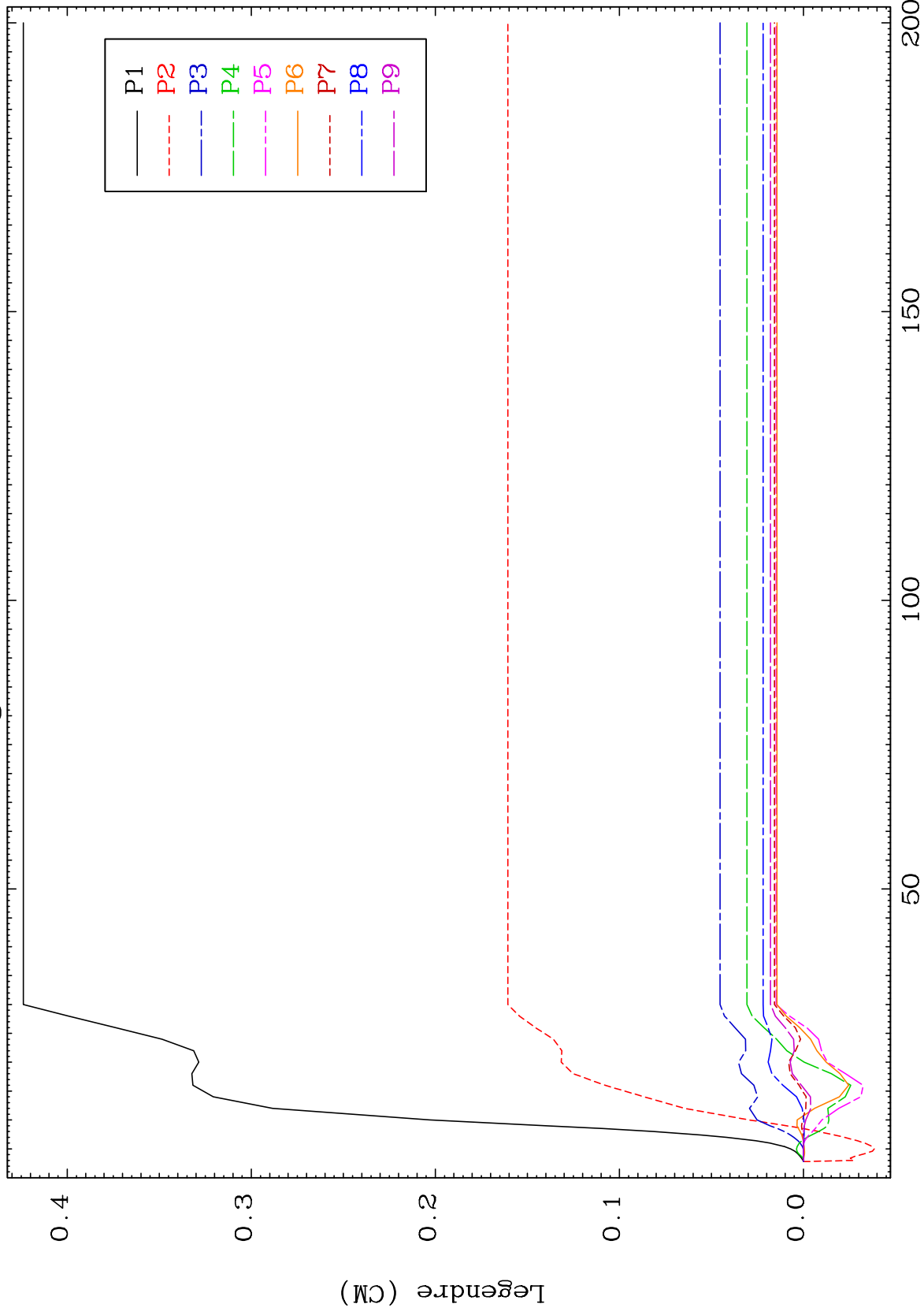
Incident Energy (MeV)

75

MAT 4425

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

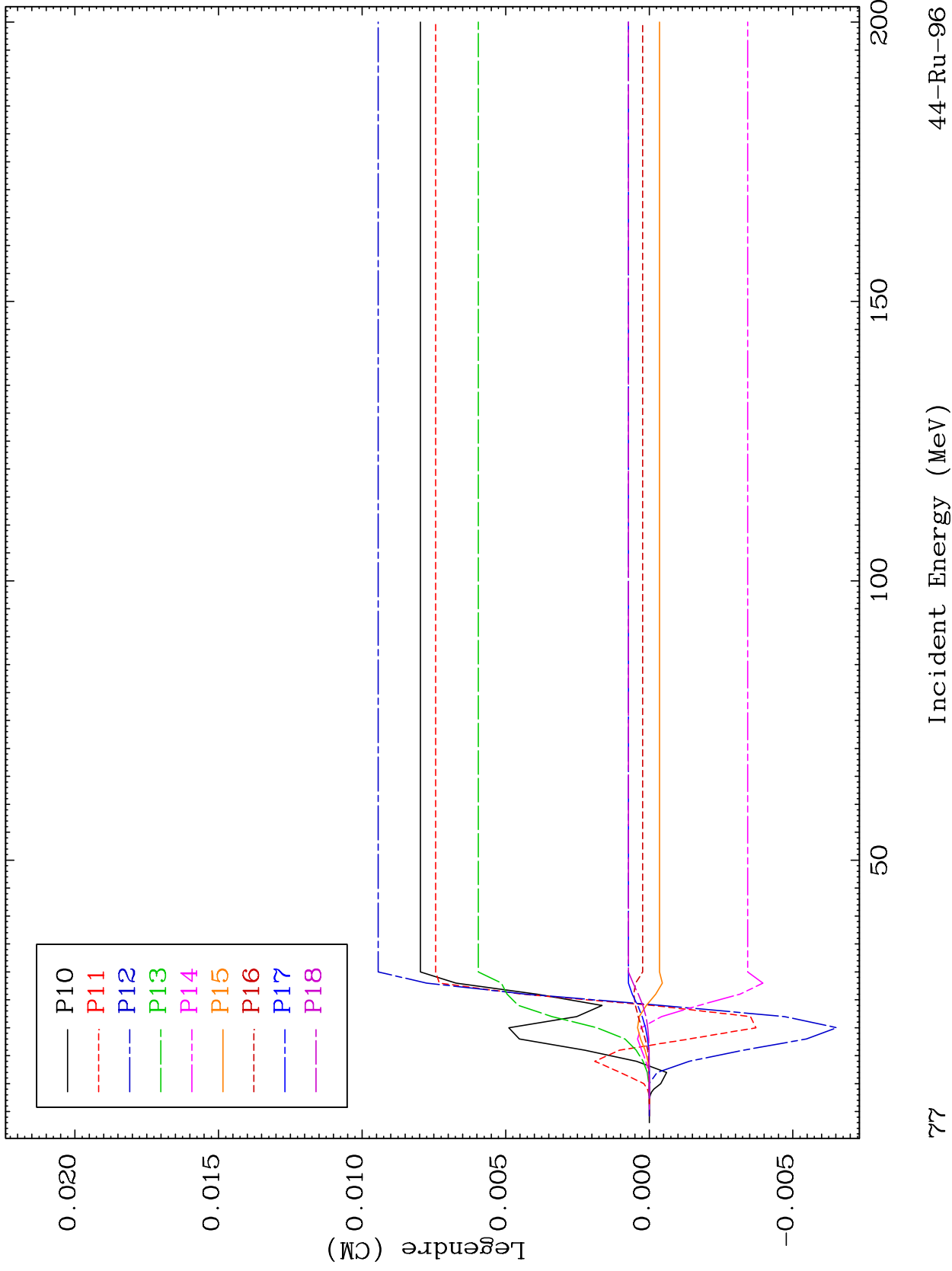
44-Ru-96



76

Incident Energy (MeV)

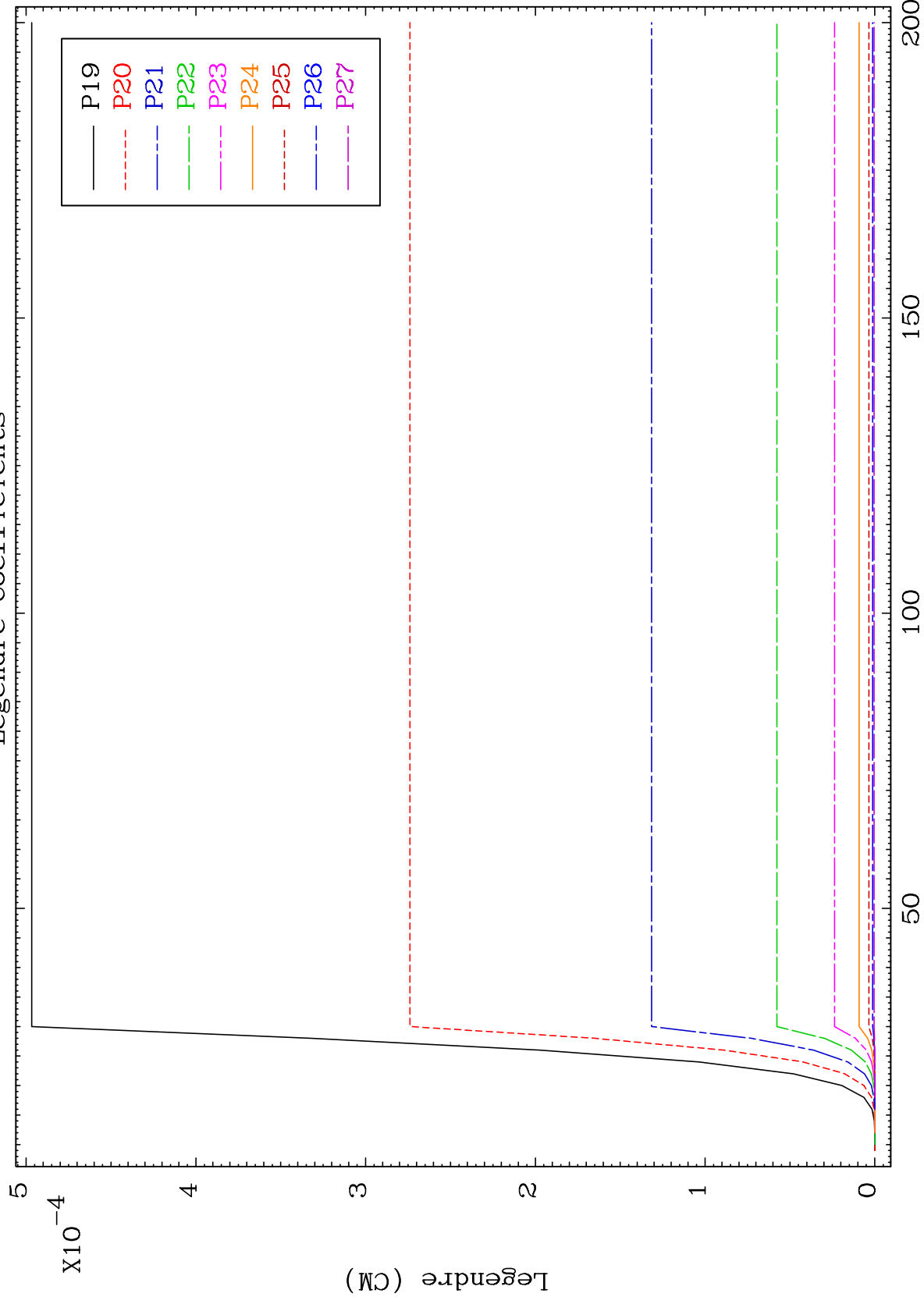
44-Ru-96



MAT 4425

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

44-Ru-96



78

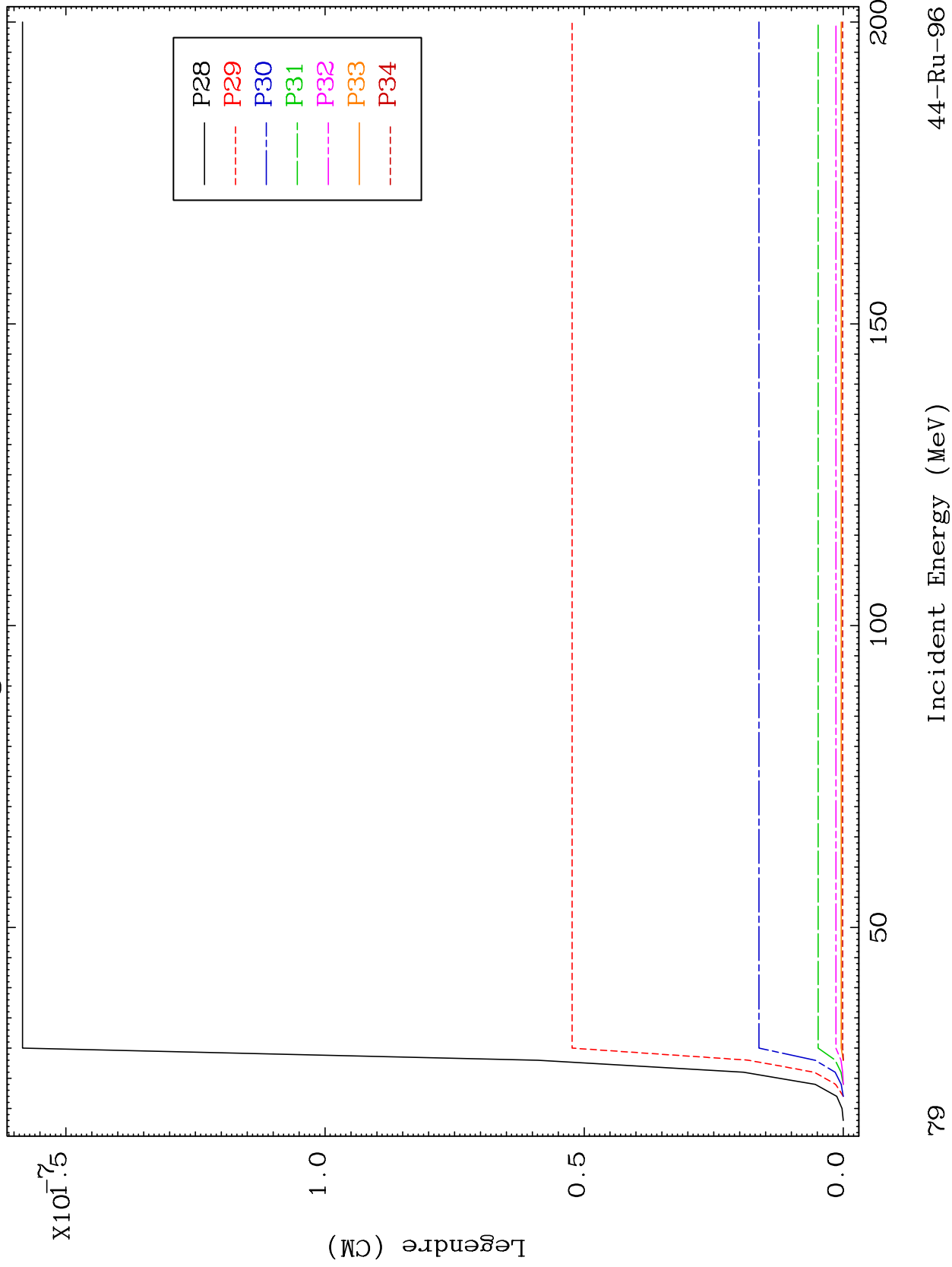
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



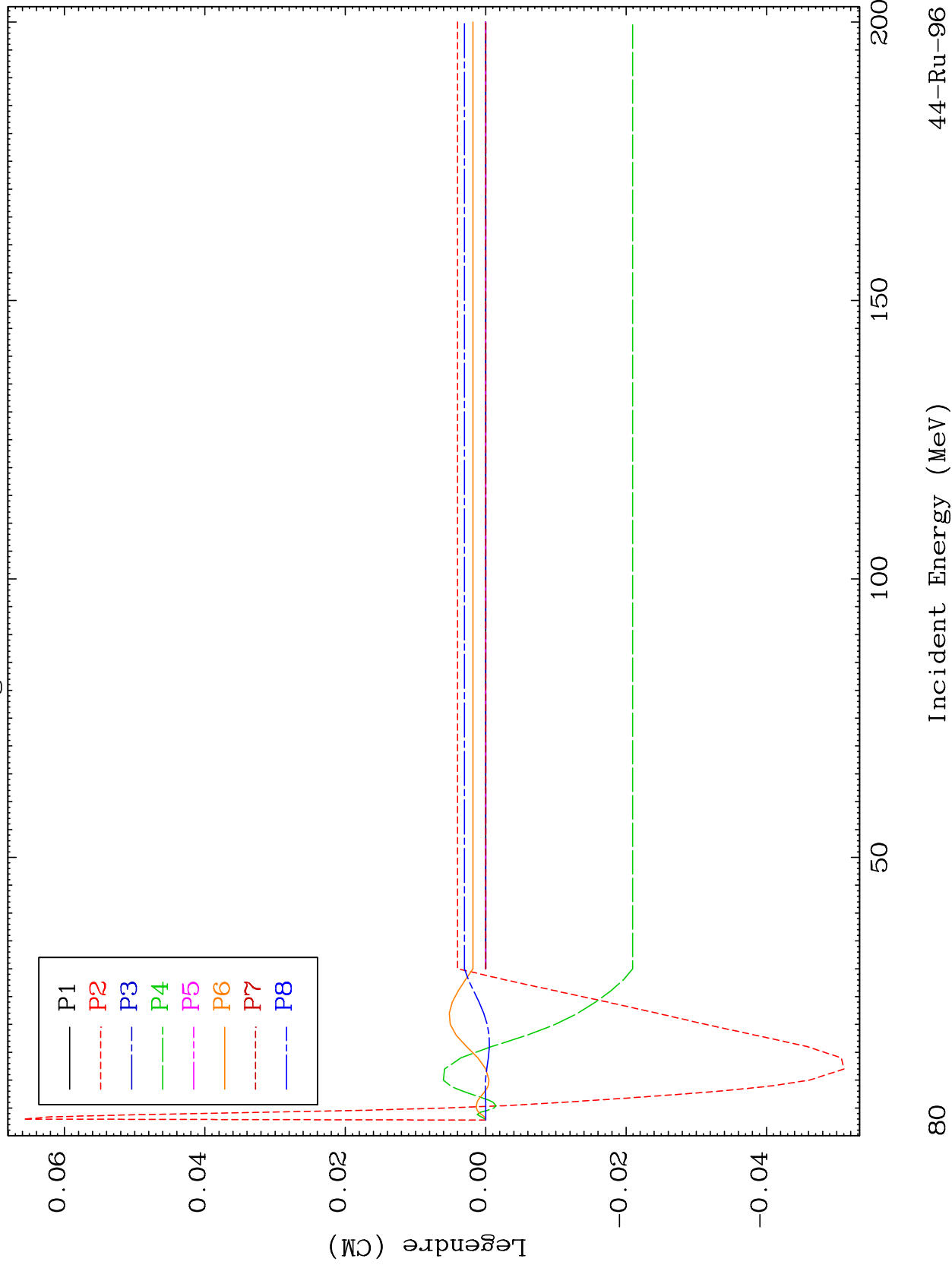
79

44-Ru-96

MAT 4425

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

44-Ru-96



44-Ru-96

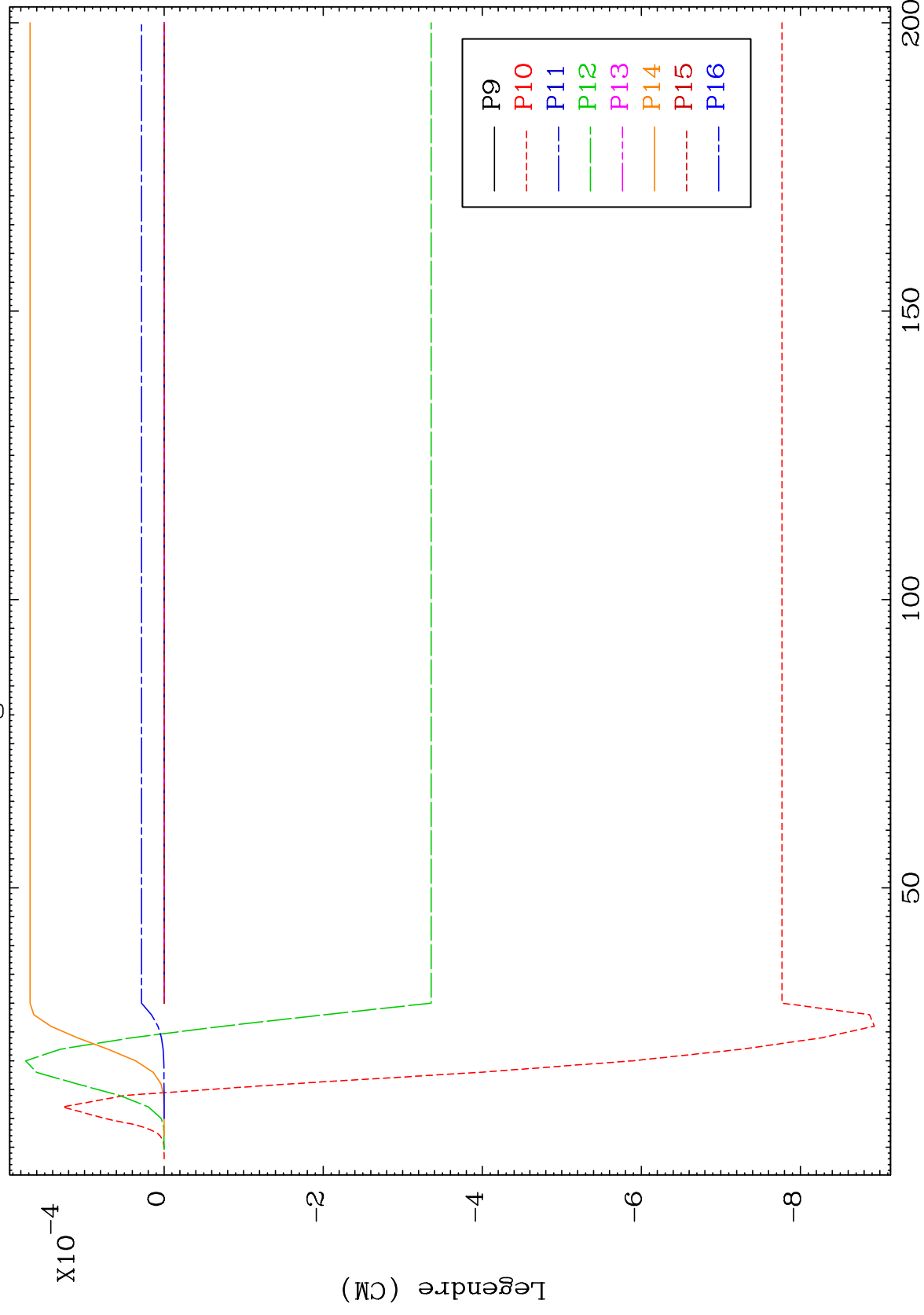
Incident Energy (MeV)

80

MAT 4425

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

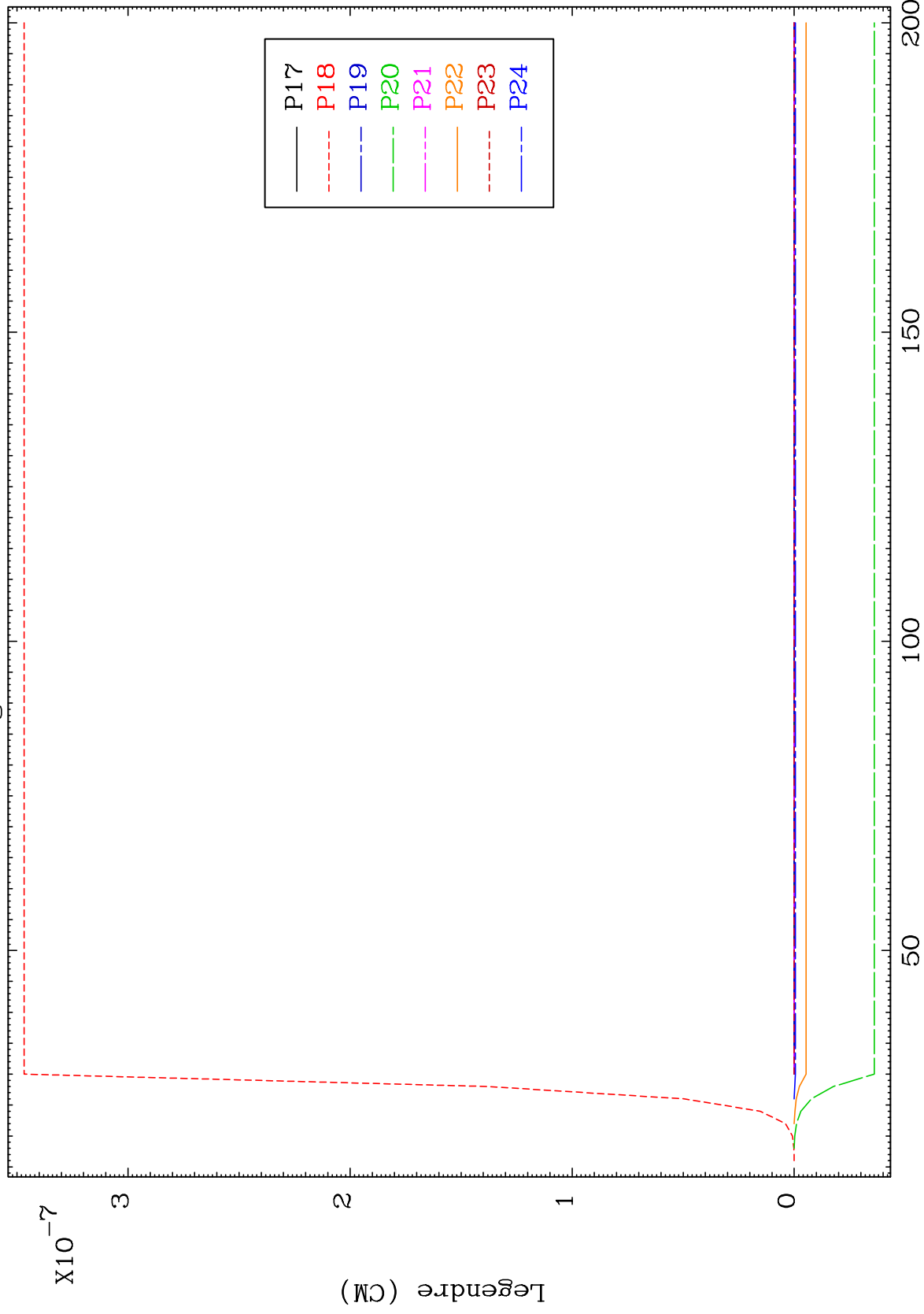
44-Ru-96



MAT 4425

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

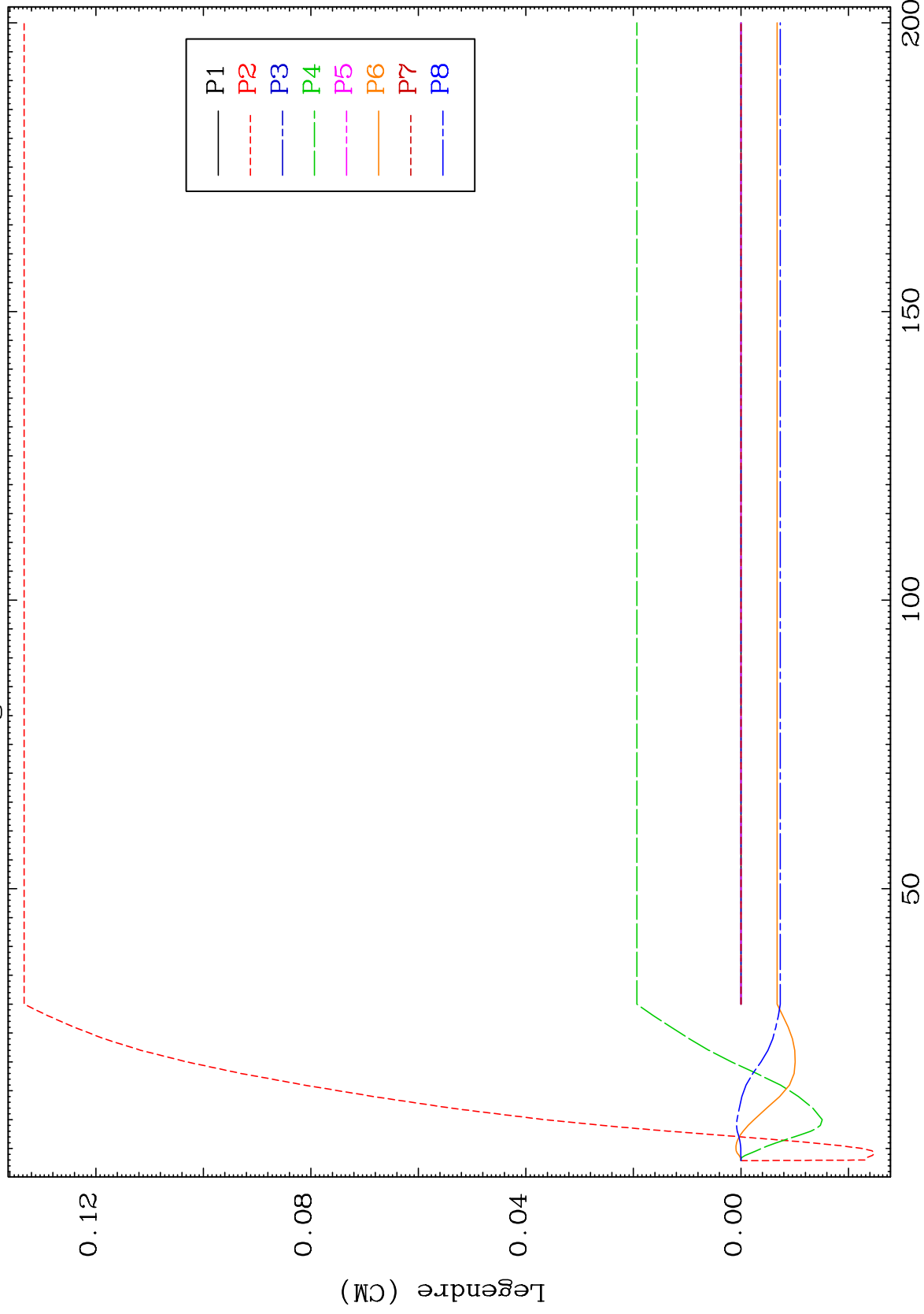
44-Ru-96



MAT 4425

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

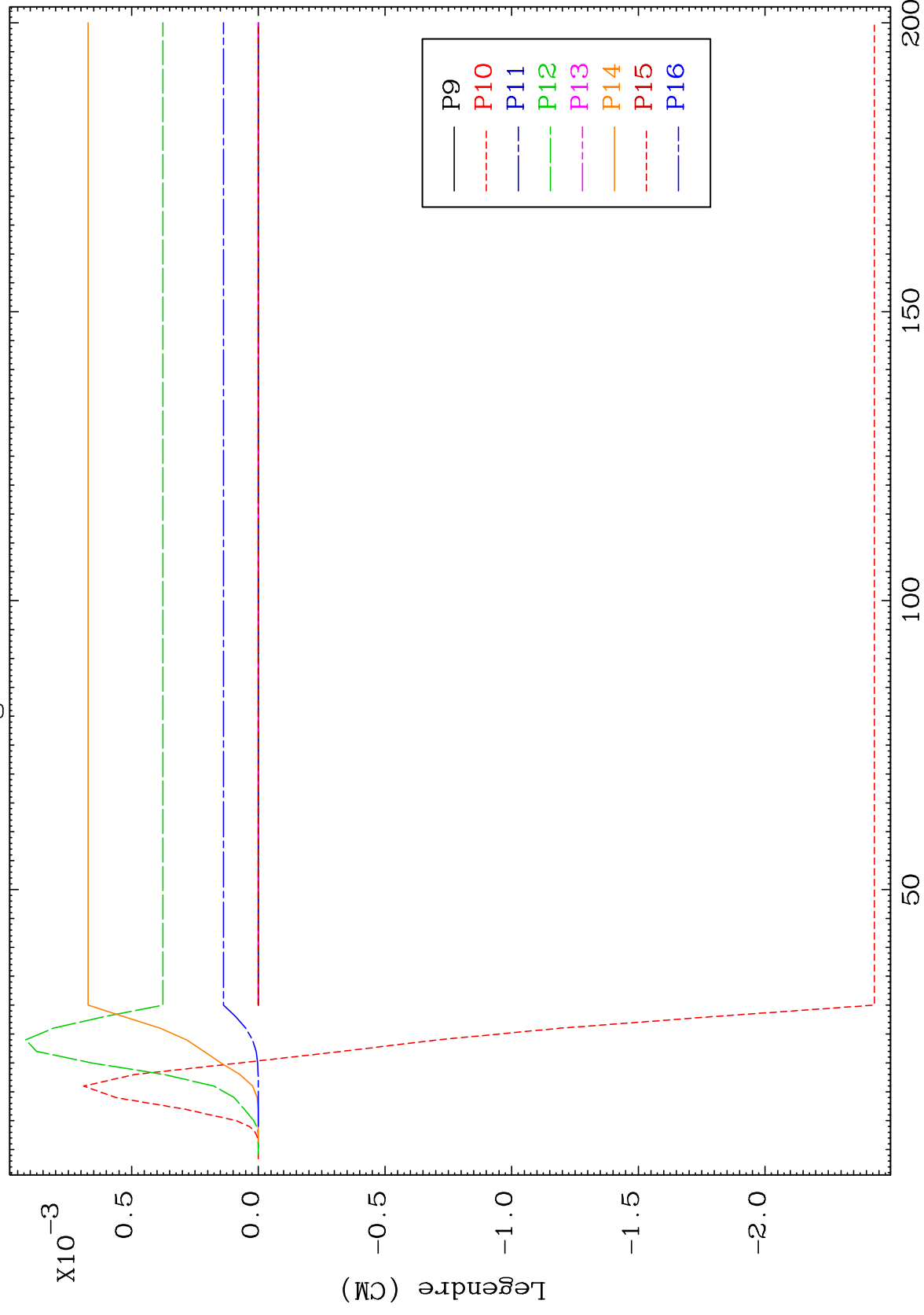
44-Ru-96



83

Incident Energy (MeV)

44-Ru-96

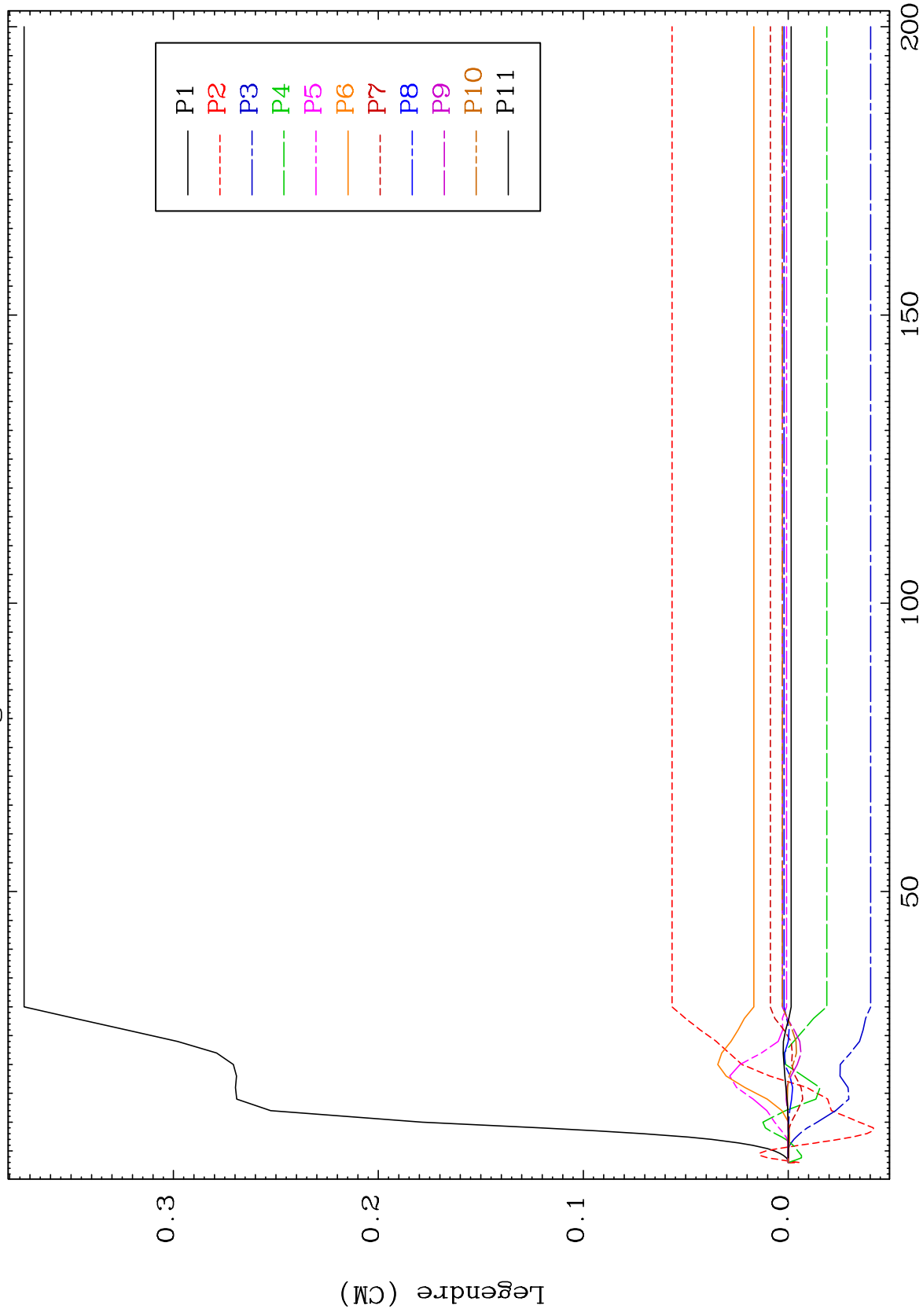




MAT 4425

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

44-Ru-96



86

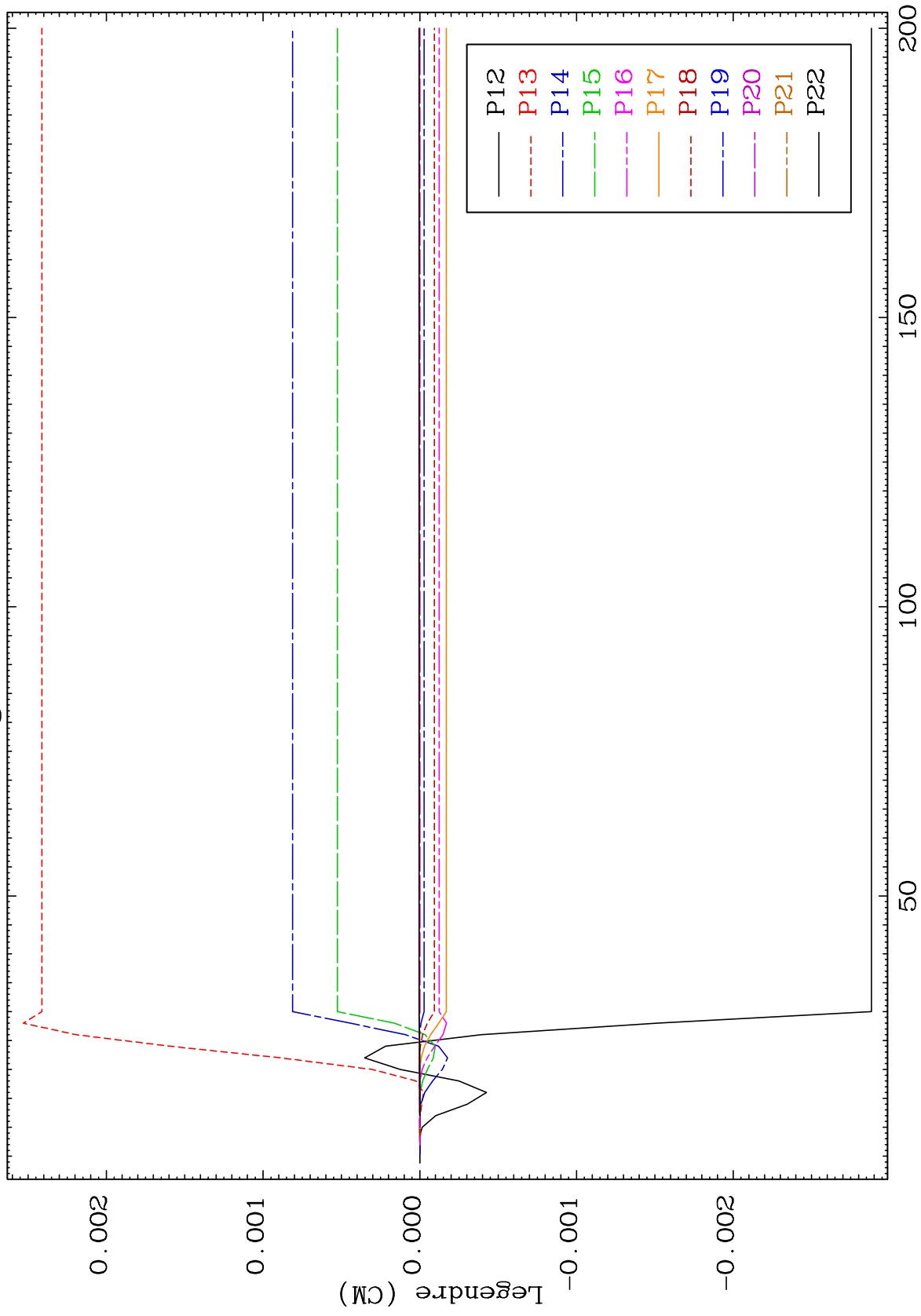
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



87

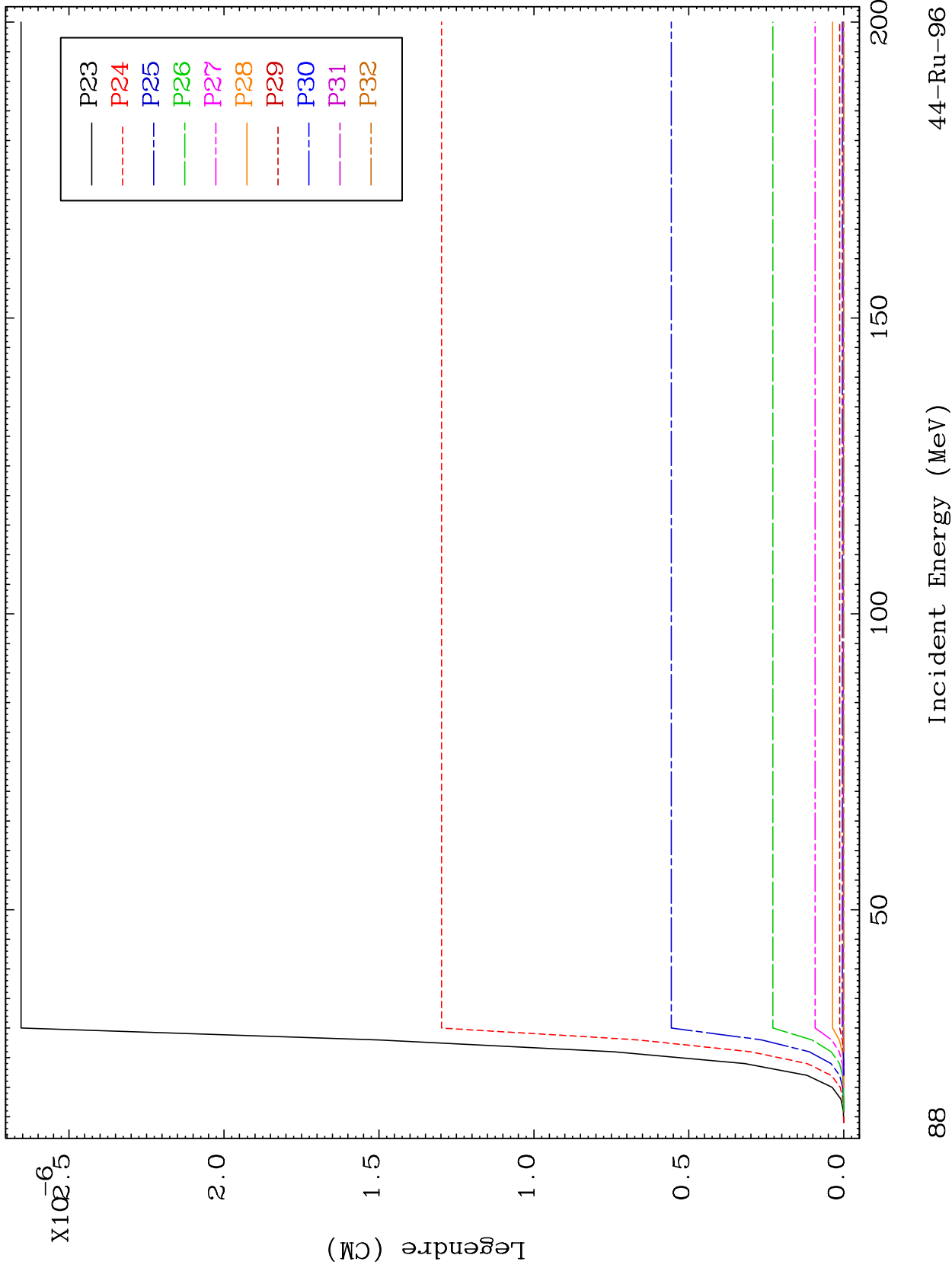
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

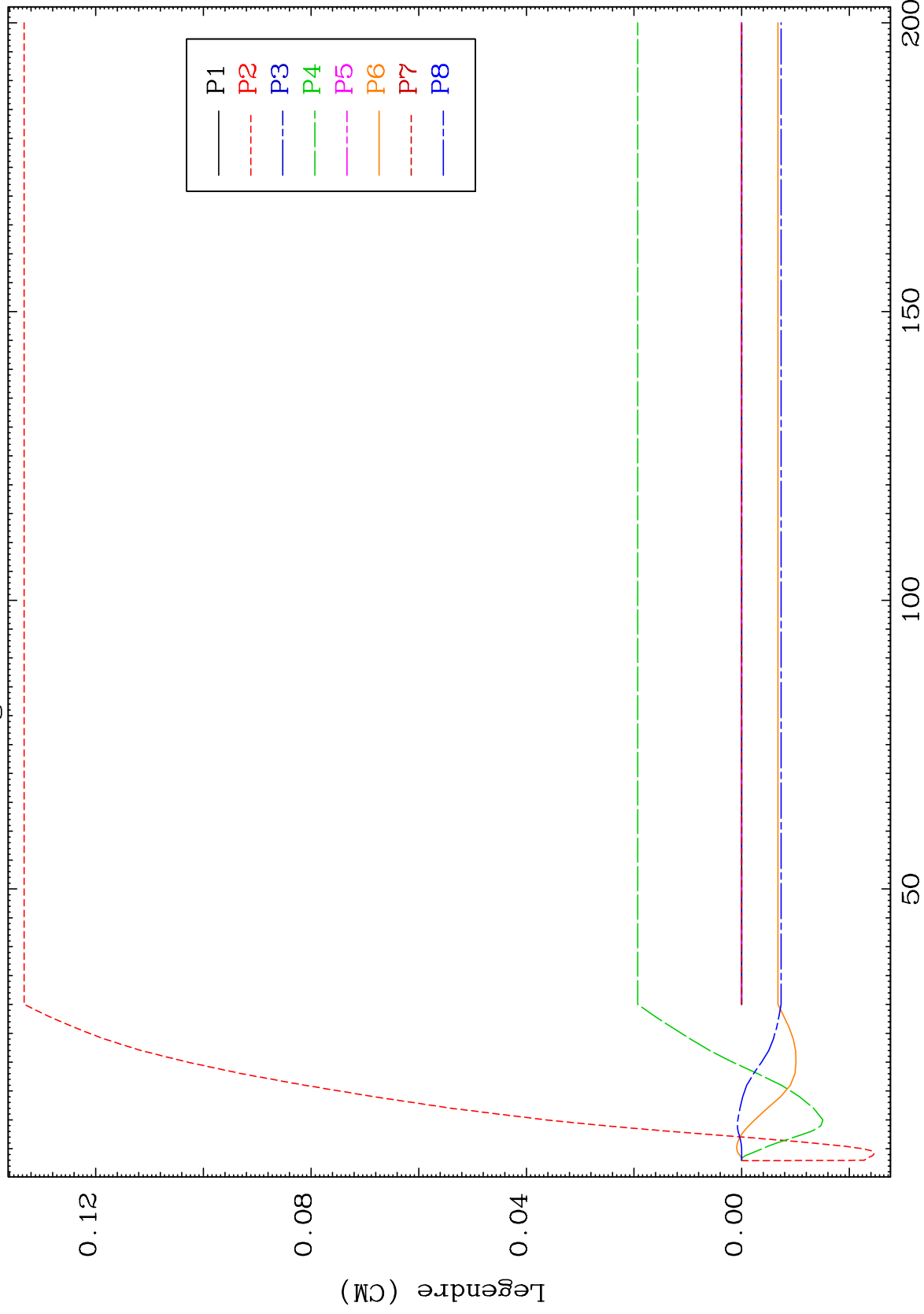
44-Ru-96



MAT 4425

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

44-Ru-96



89

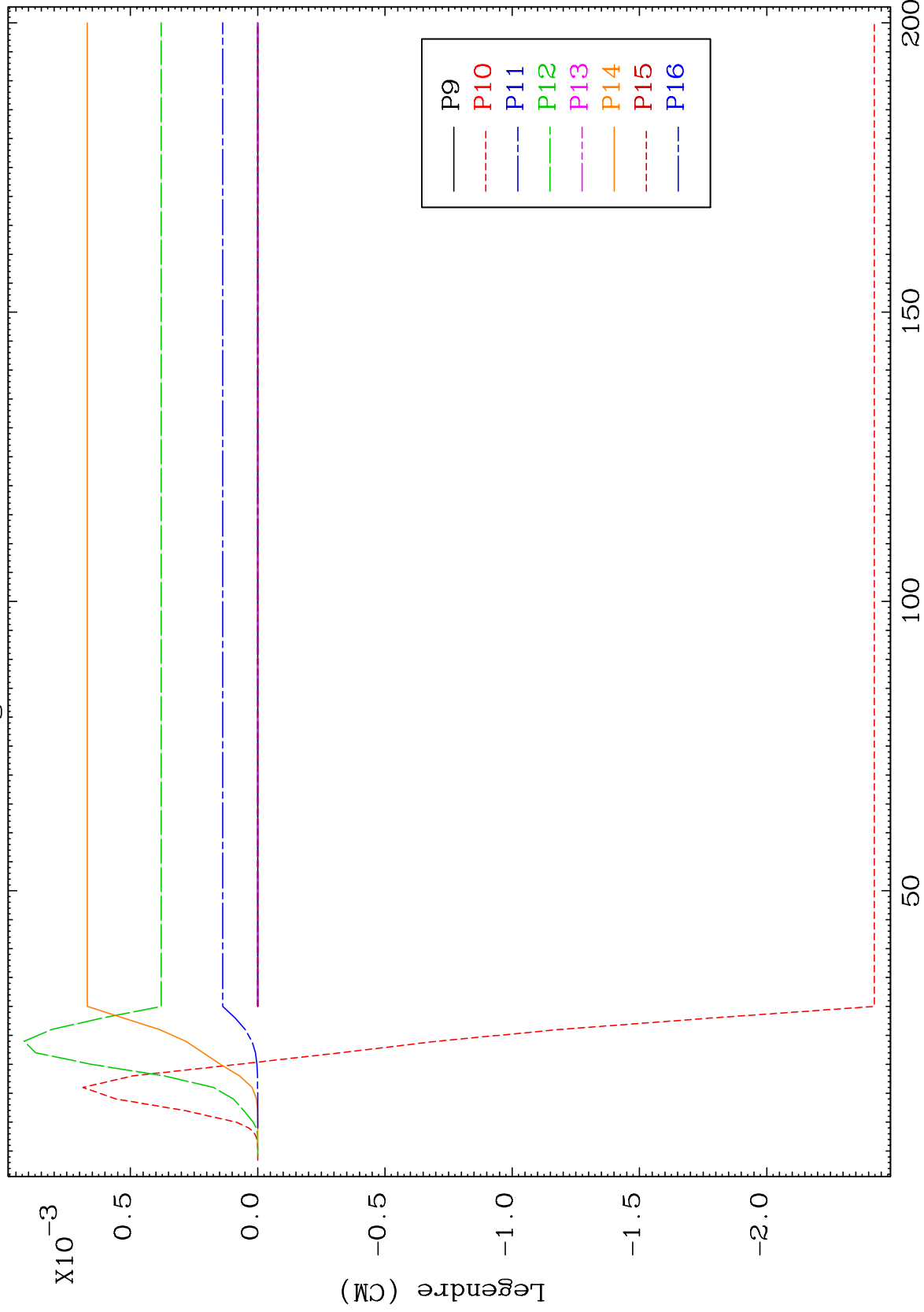
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



90

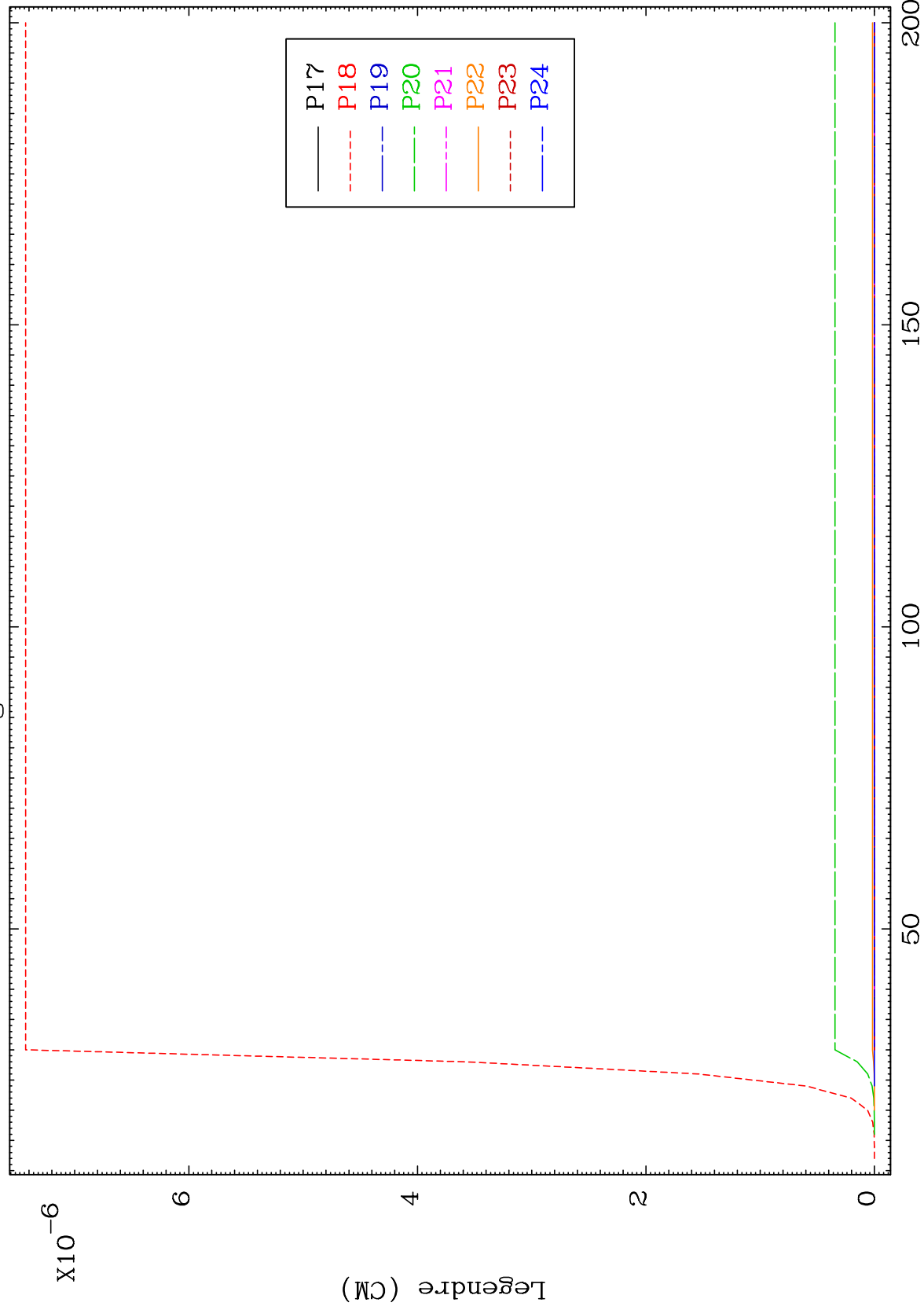
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

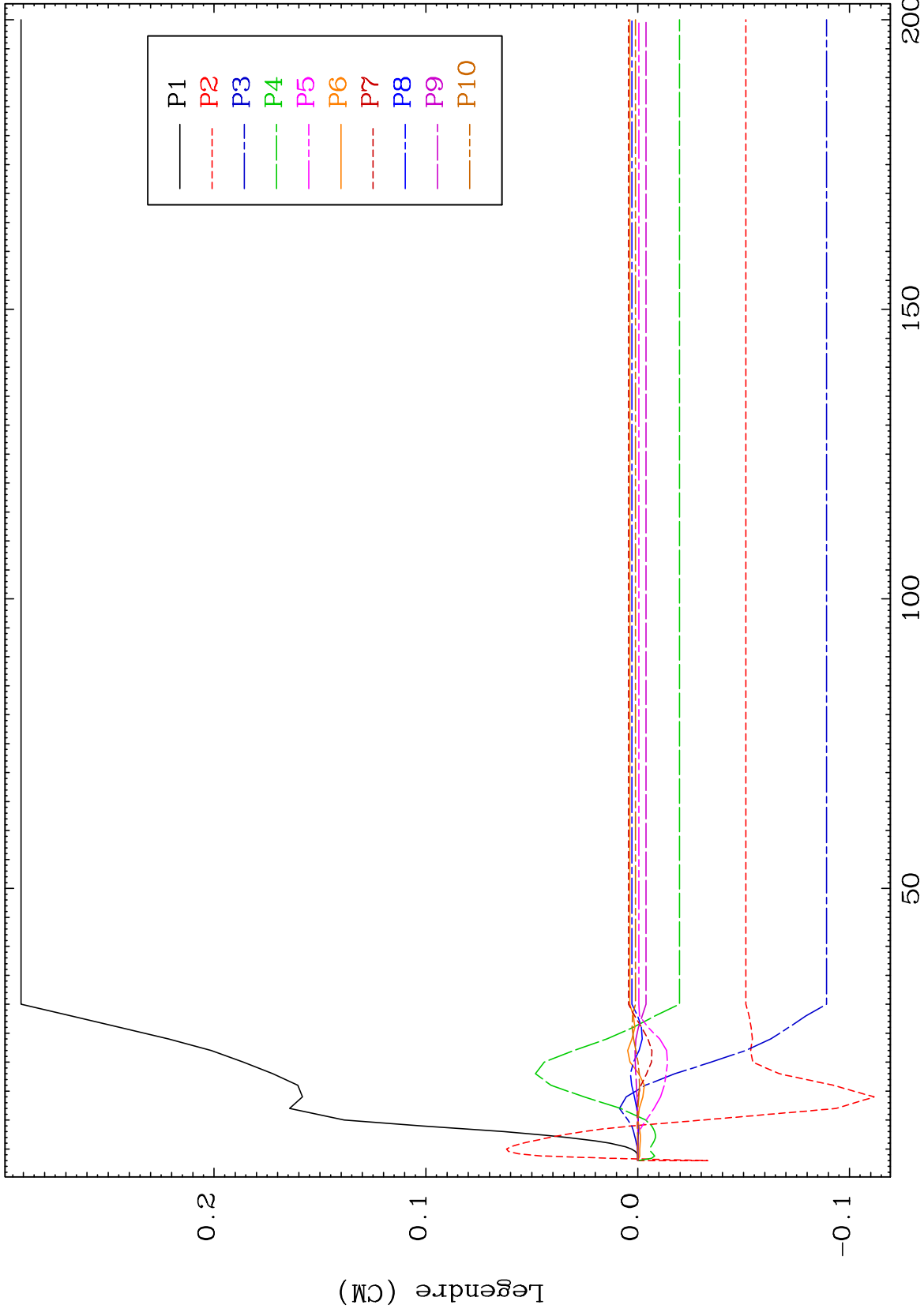
44-Ru-96



44-Ru-96

Incident Energy (MeV)

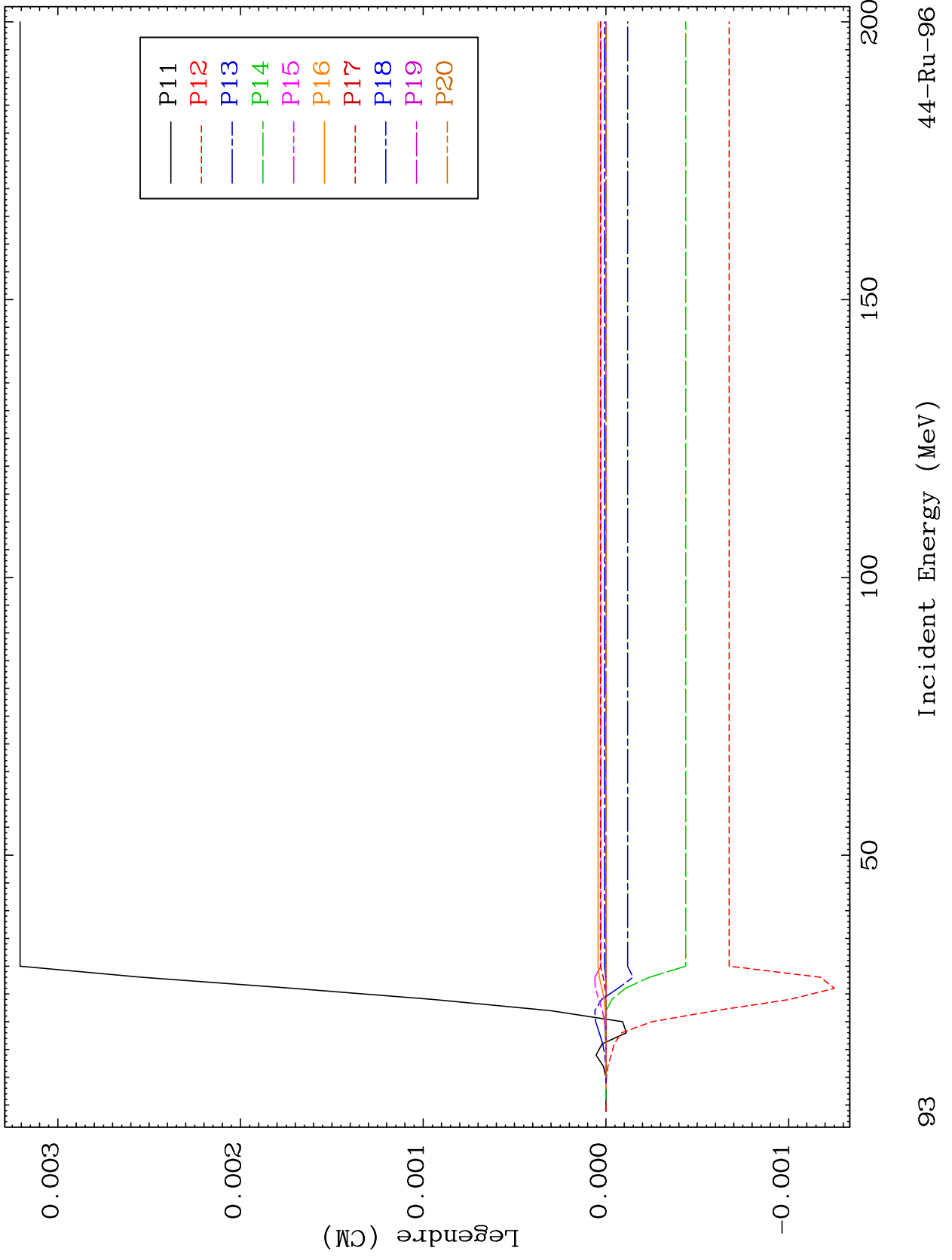
91



MAT 4425

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

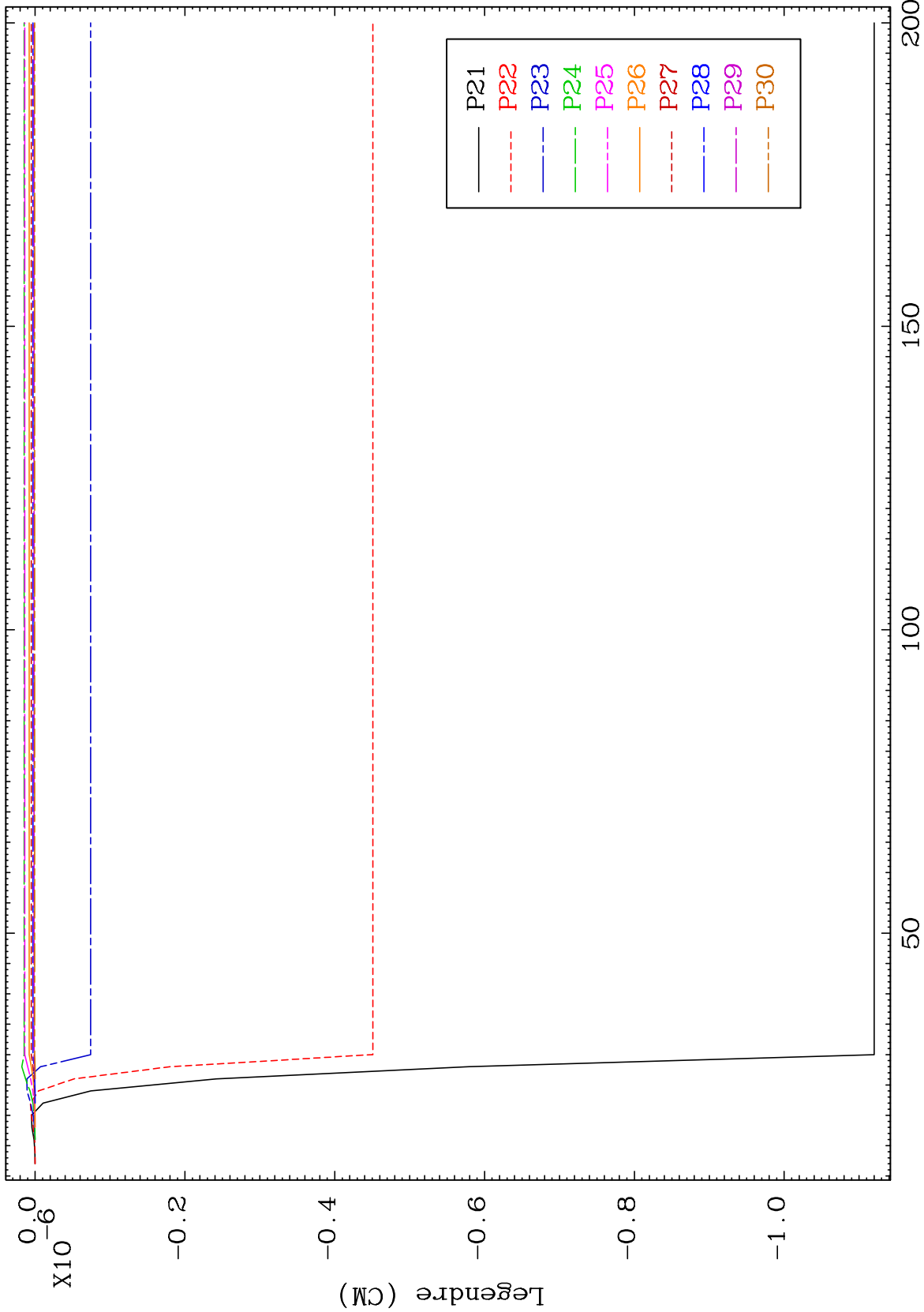
44-Ru-96



MAT 4425

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

44-Ru-96



94

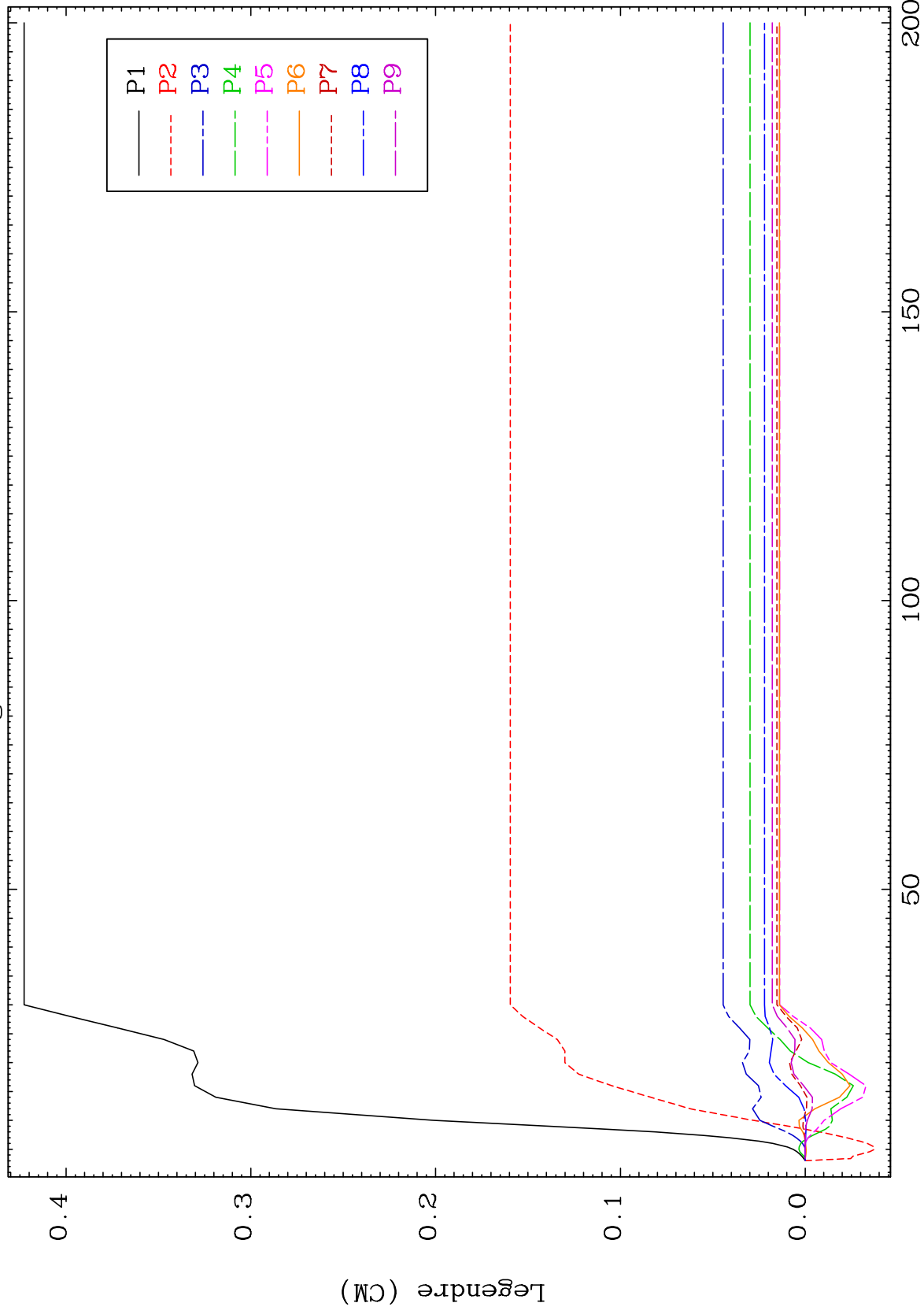
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

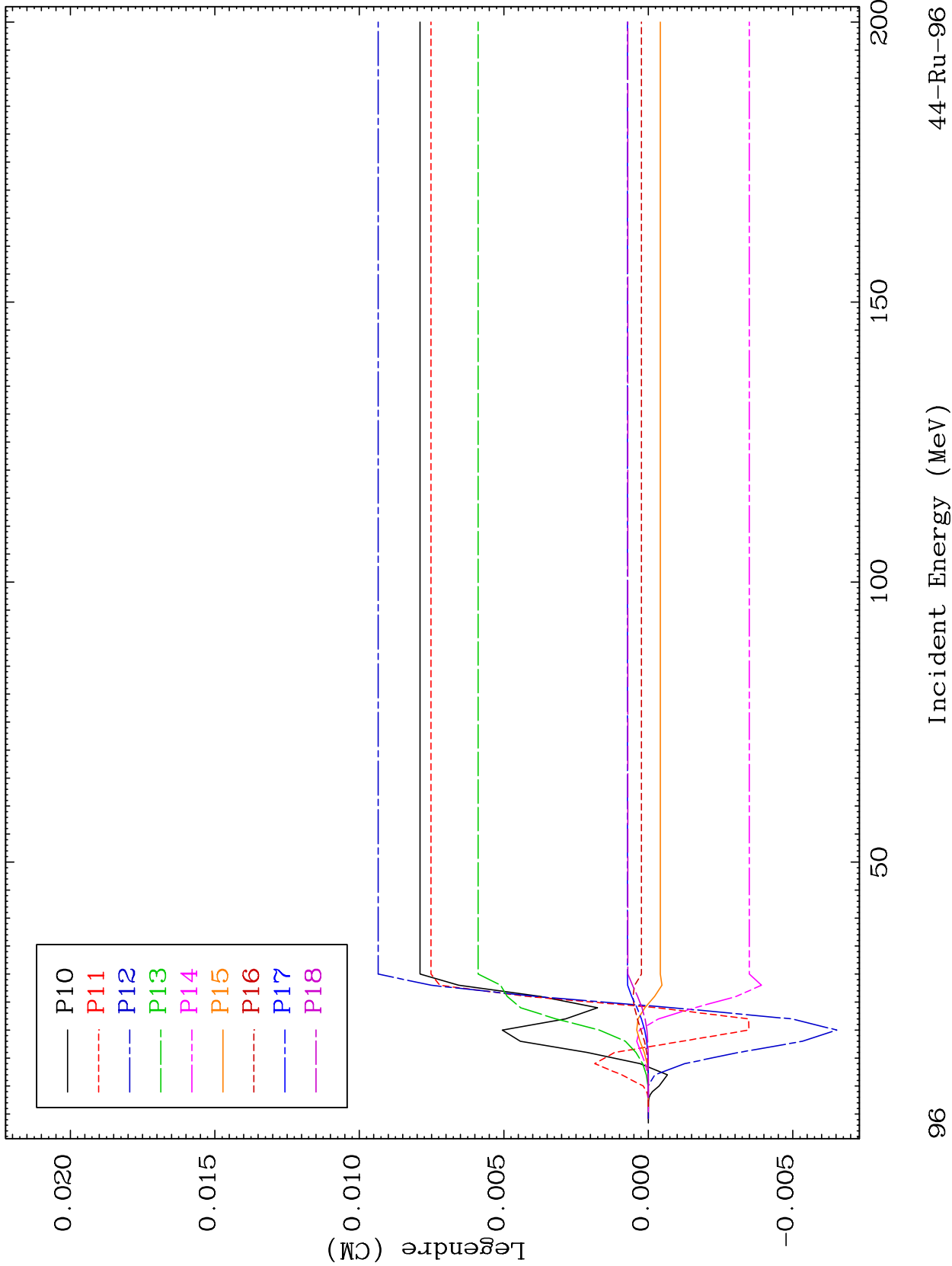
44-Ru-96



95

Incident Energy (MeV)

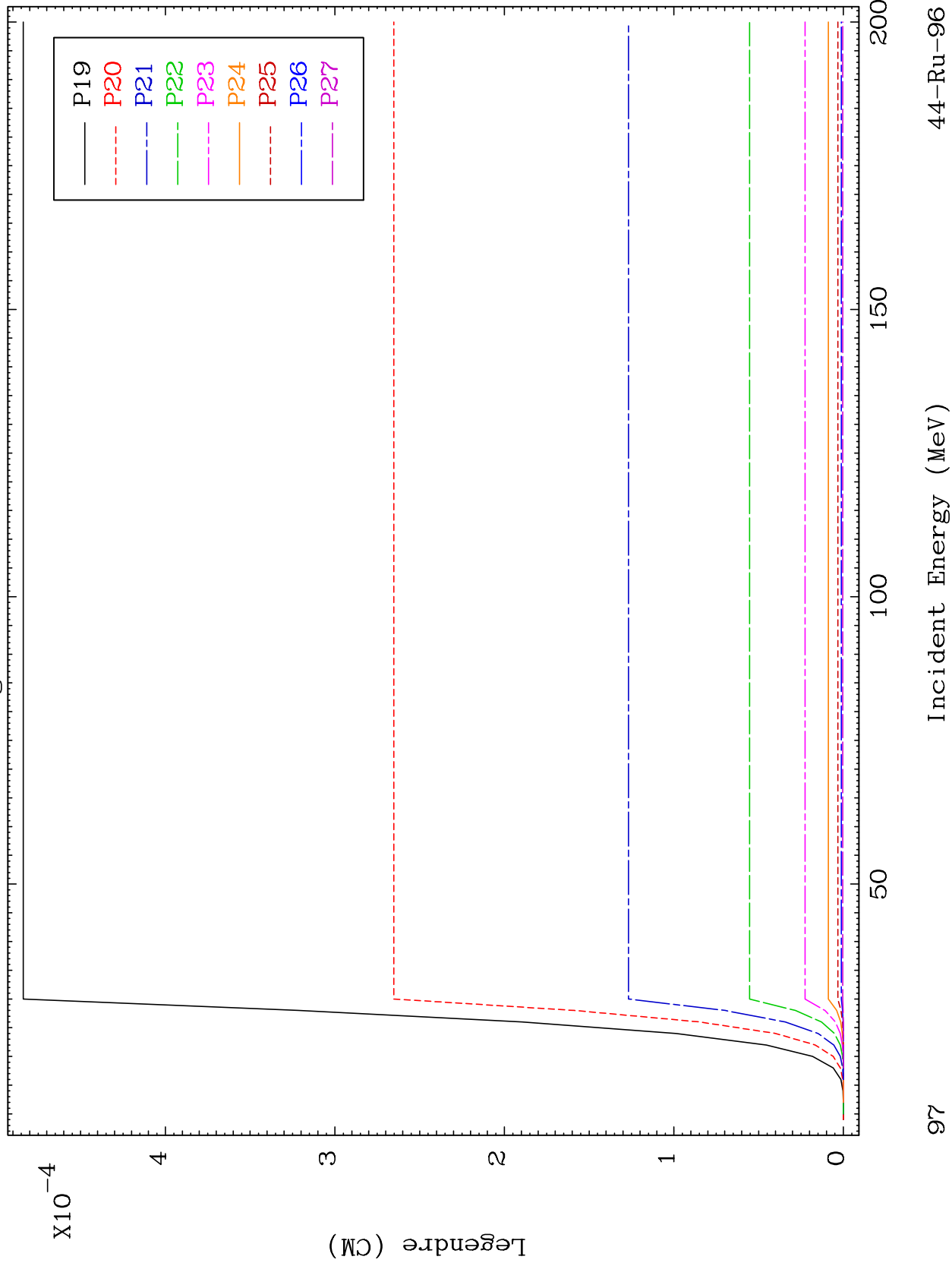
44-Ru-96



MAT 4425

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

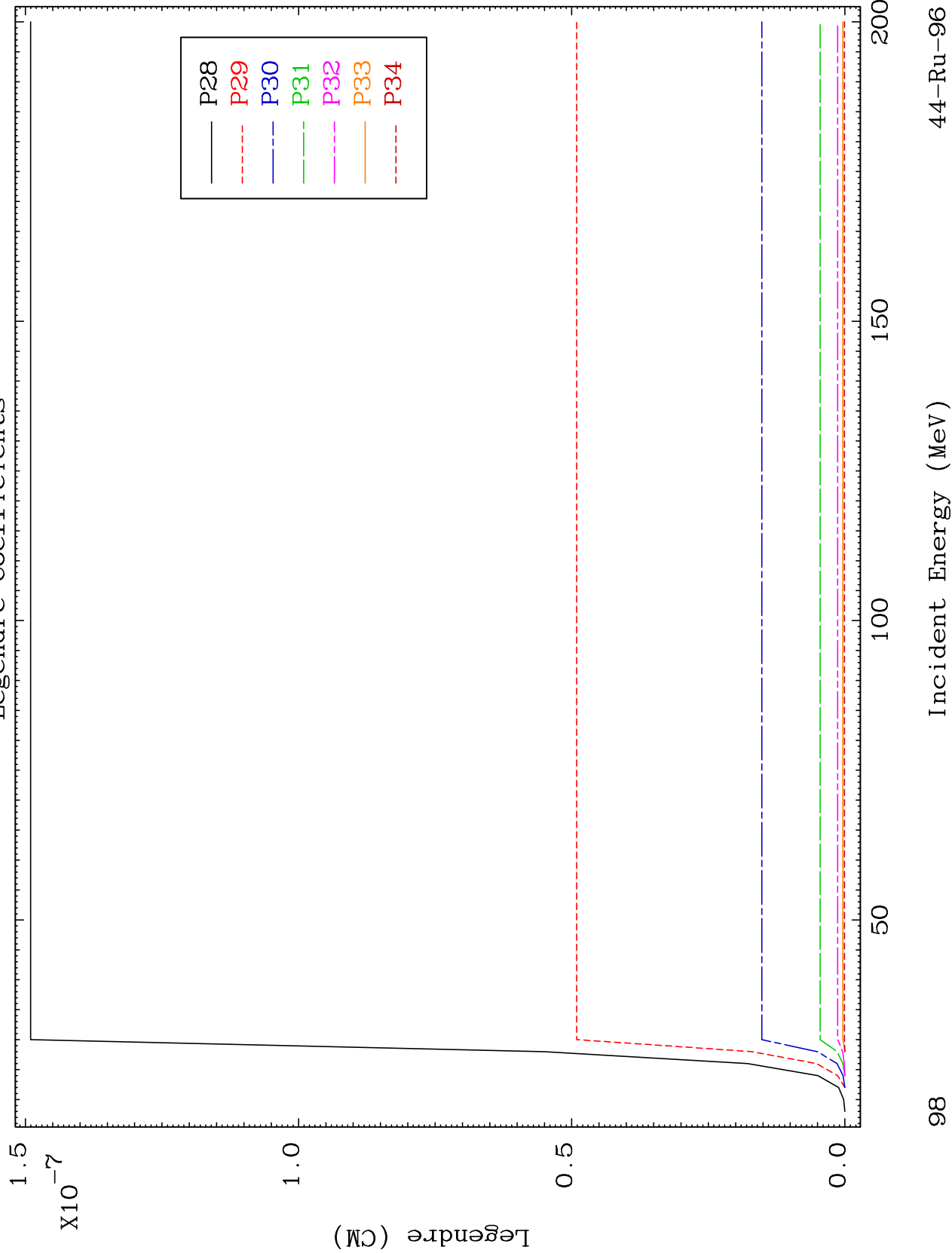
44-Ru-96



MAT 4425

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

44-Ru-96



98

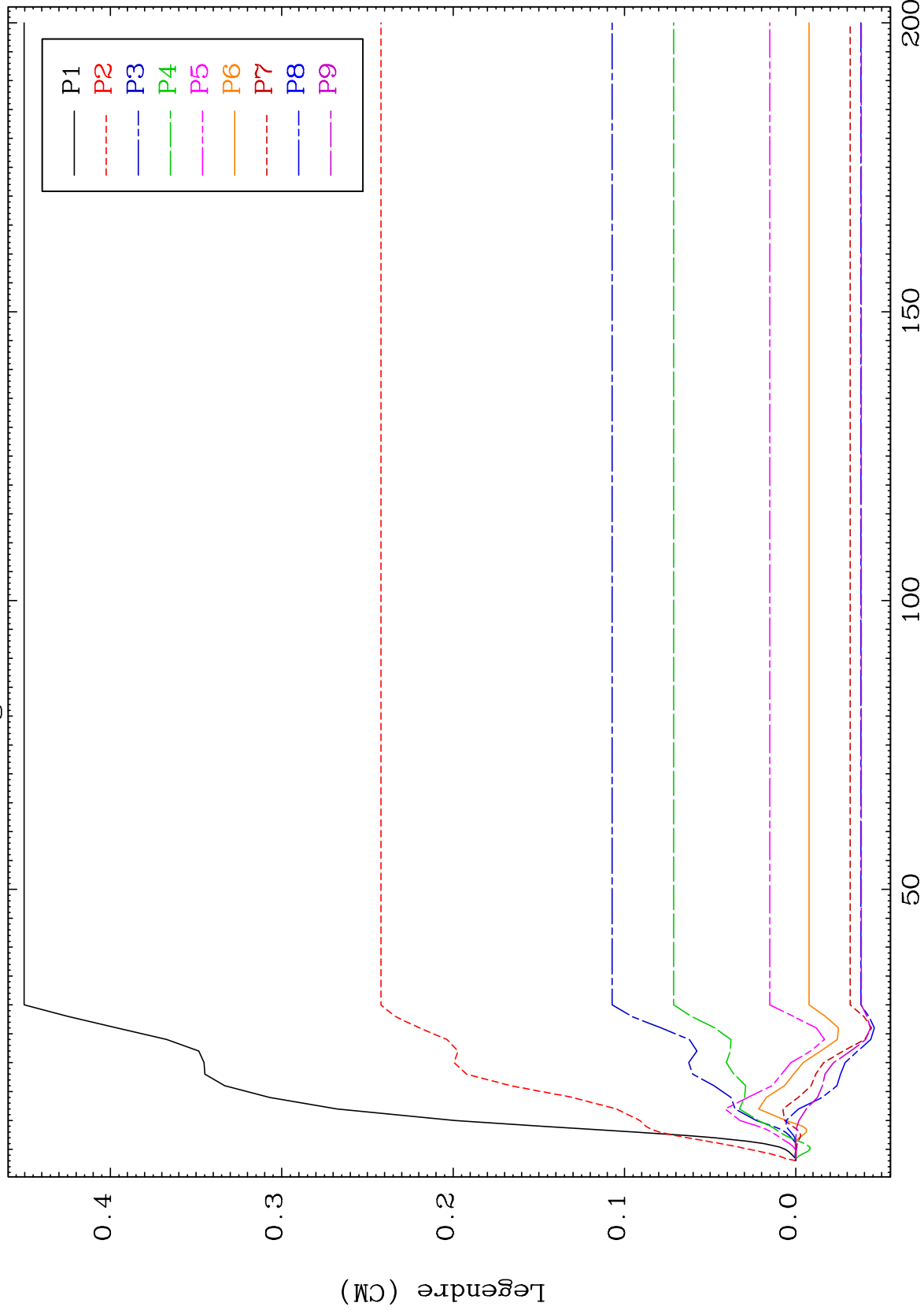
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



99

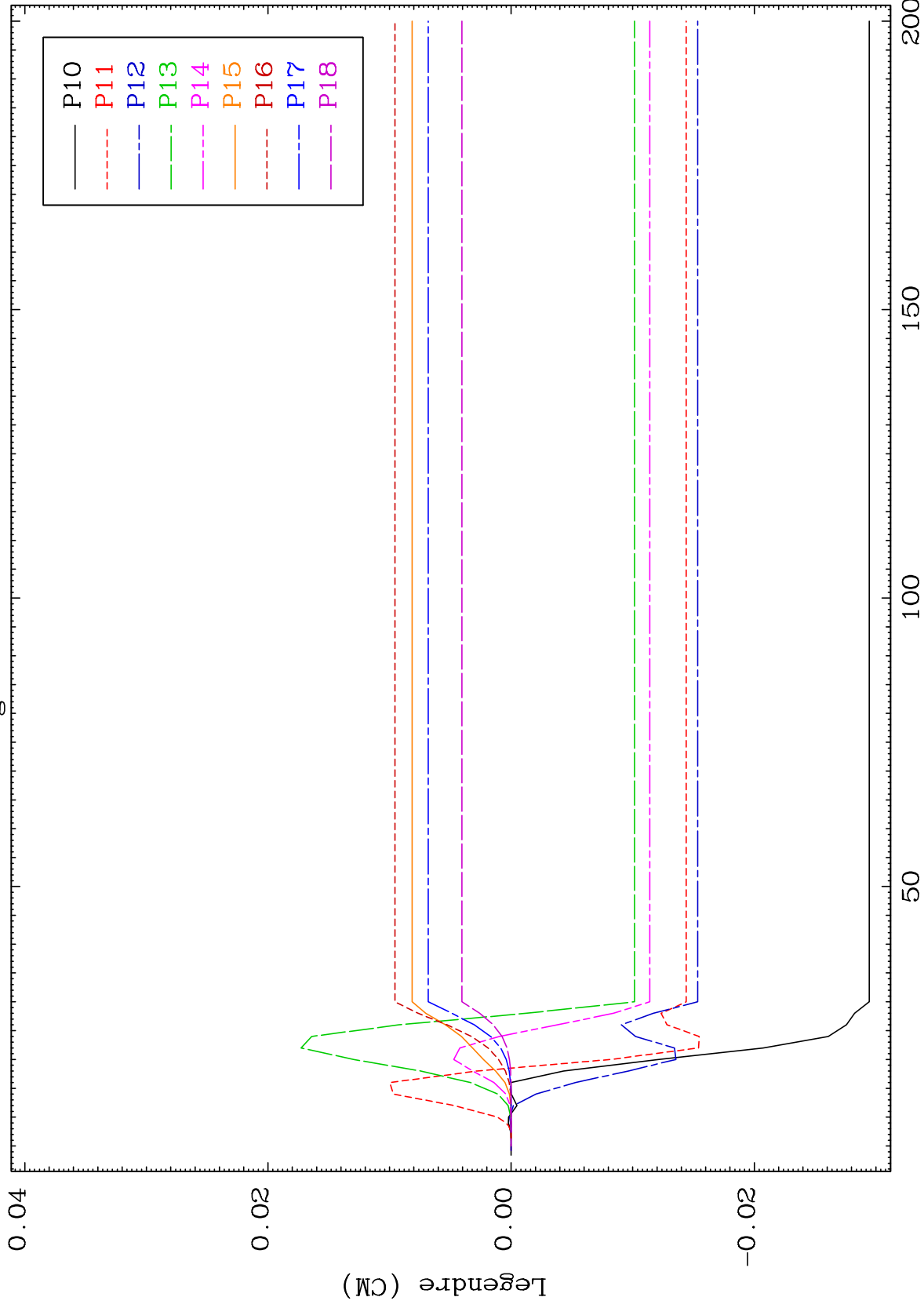
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



100

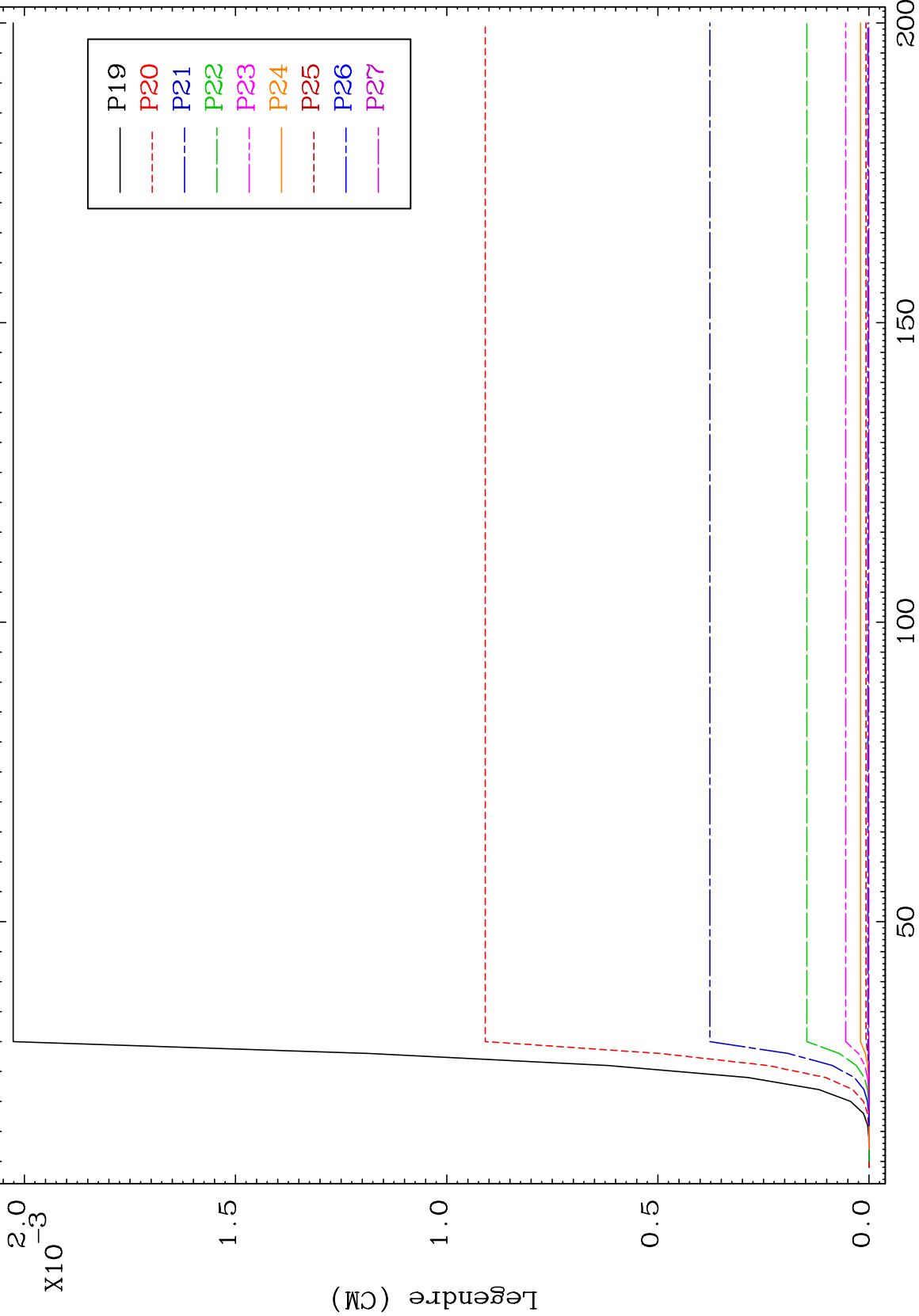
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



101

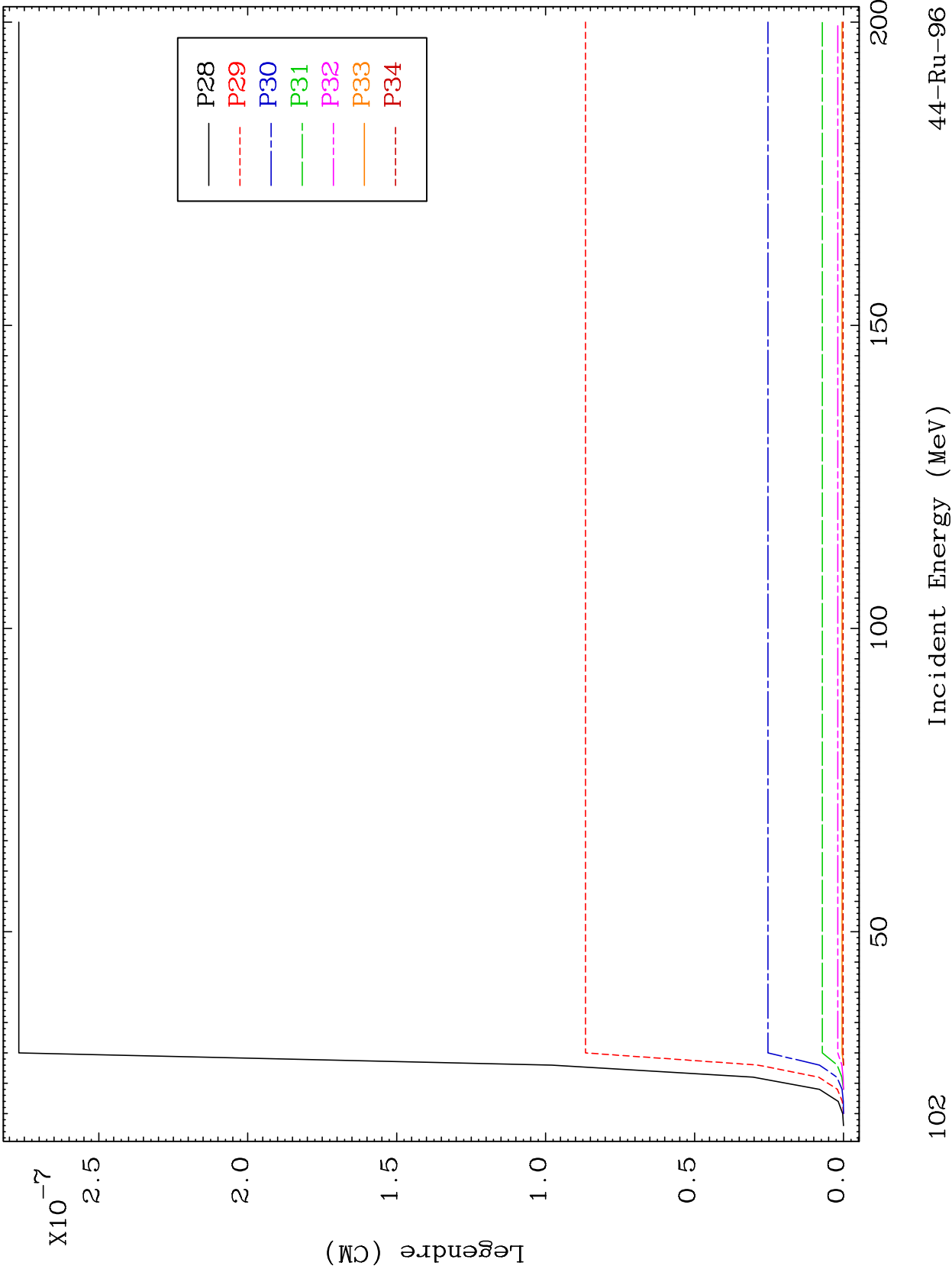
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



102

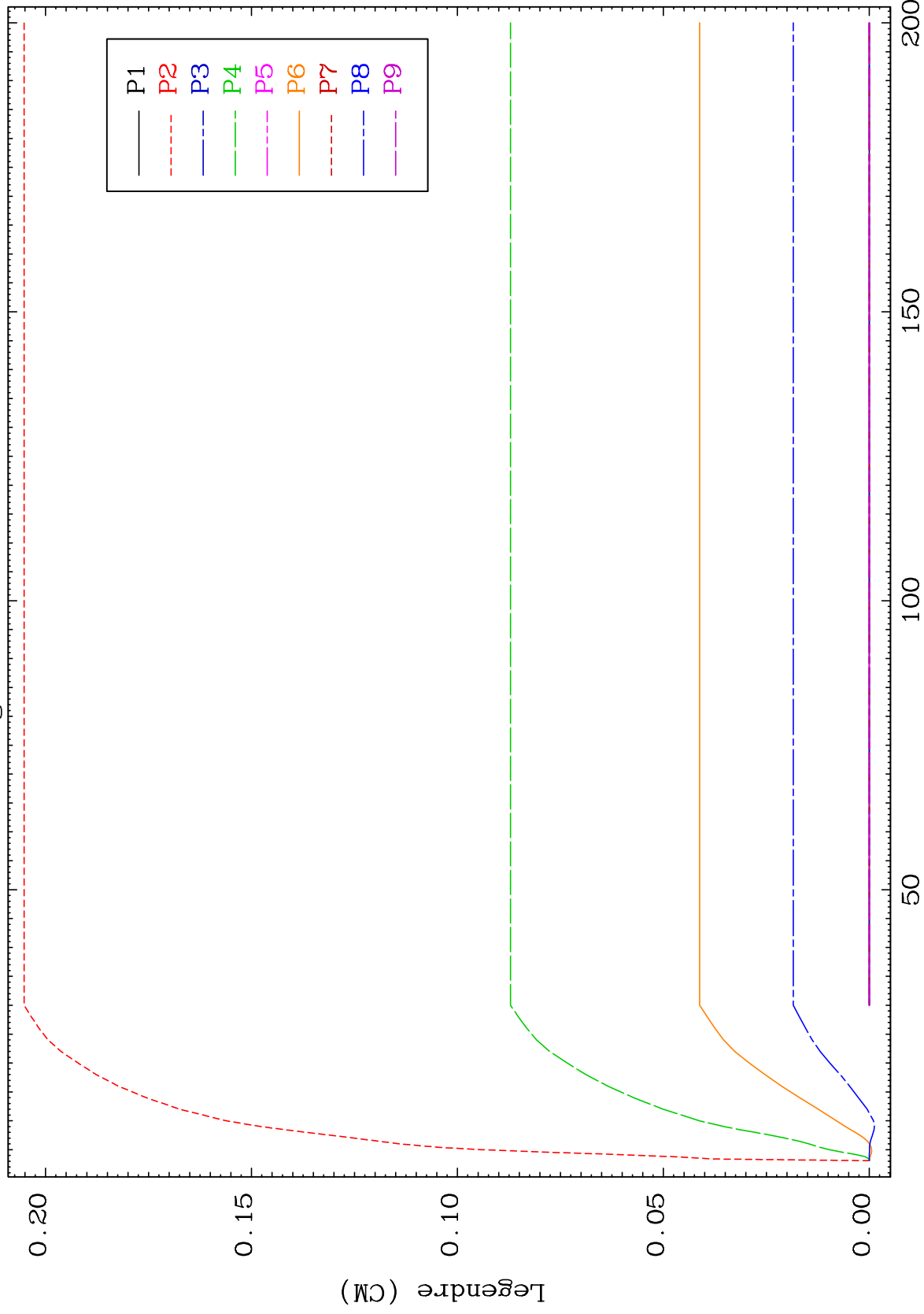
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



103

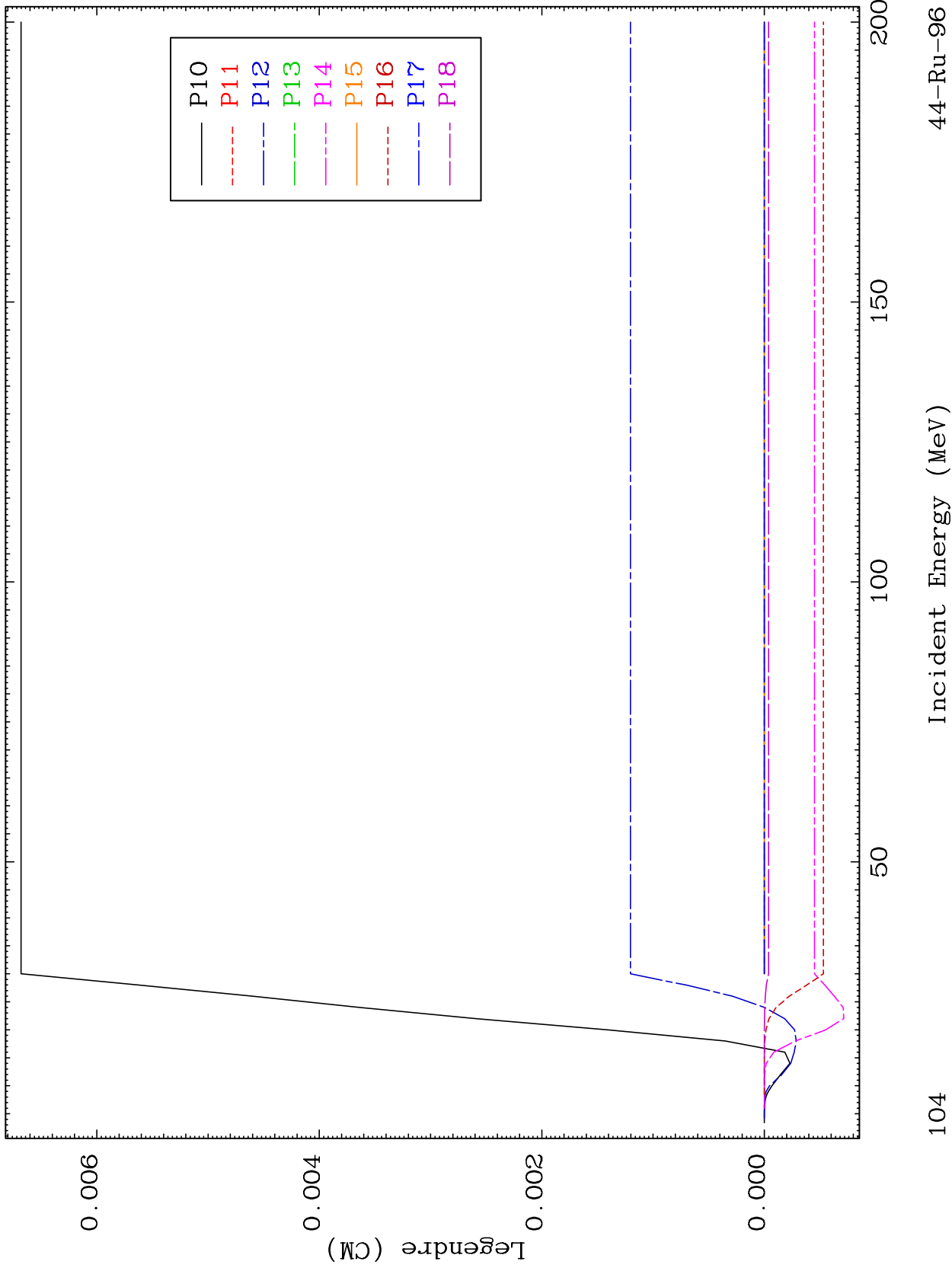
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

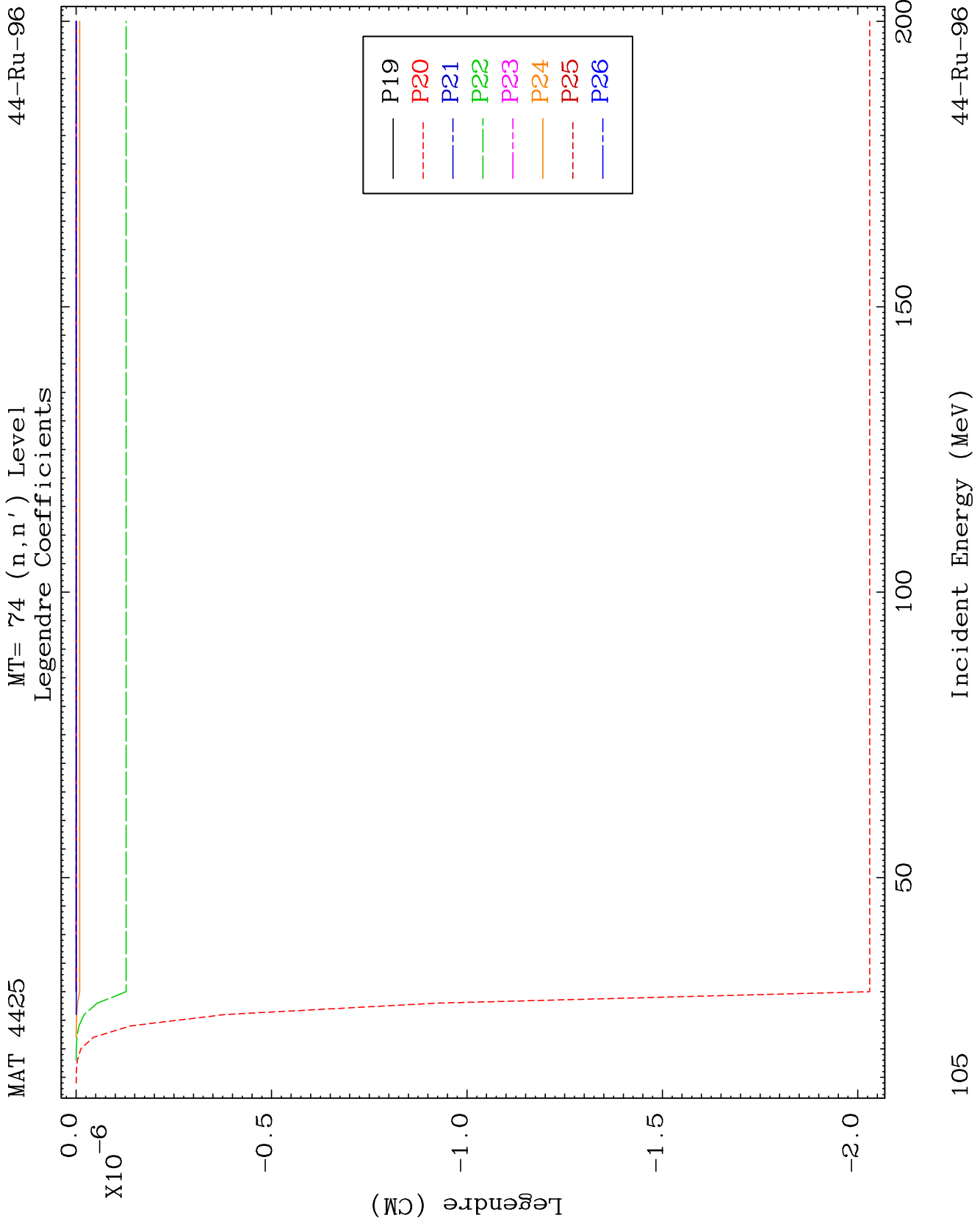
44-Ru-96

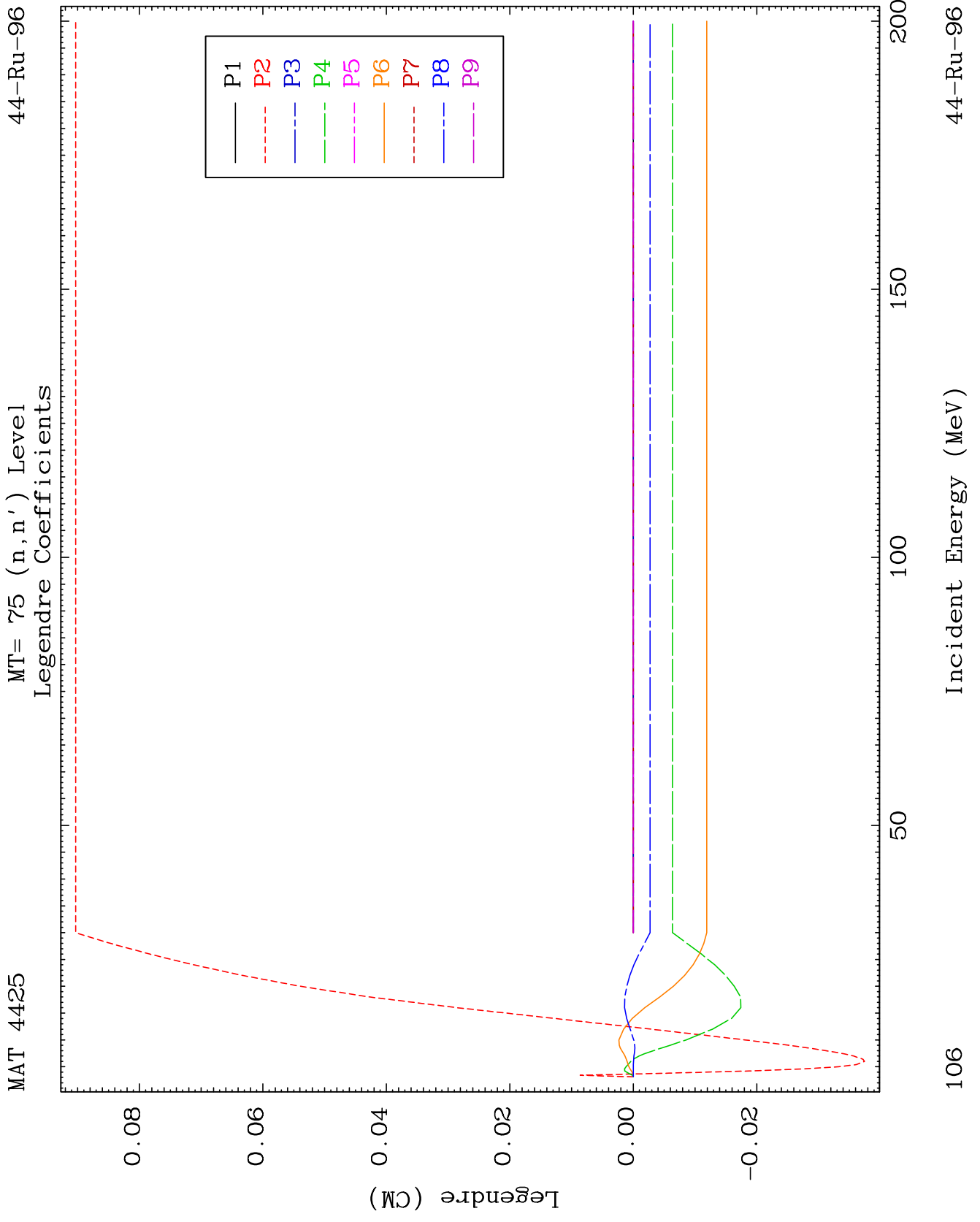


104

Incident Energy (MeV)

44-Ru-96

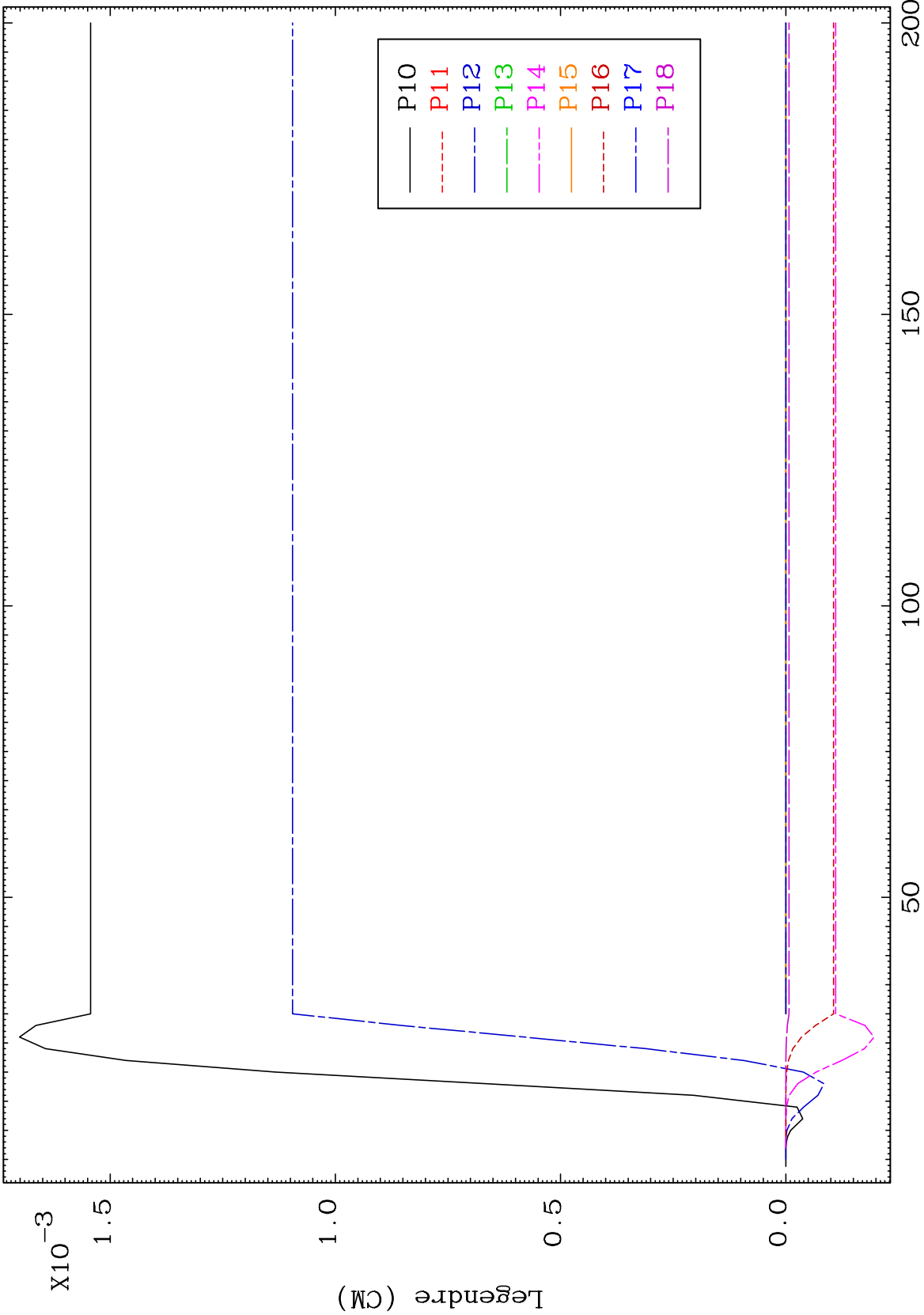




MAT 4425

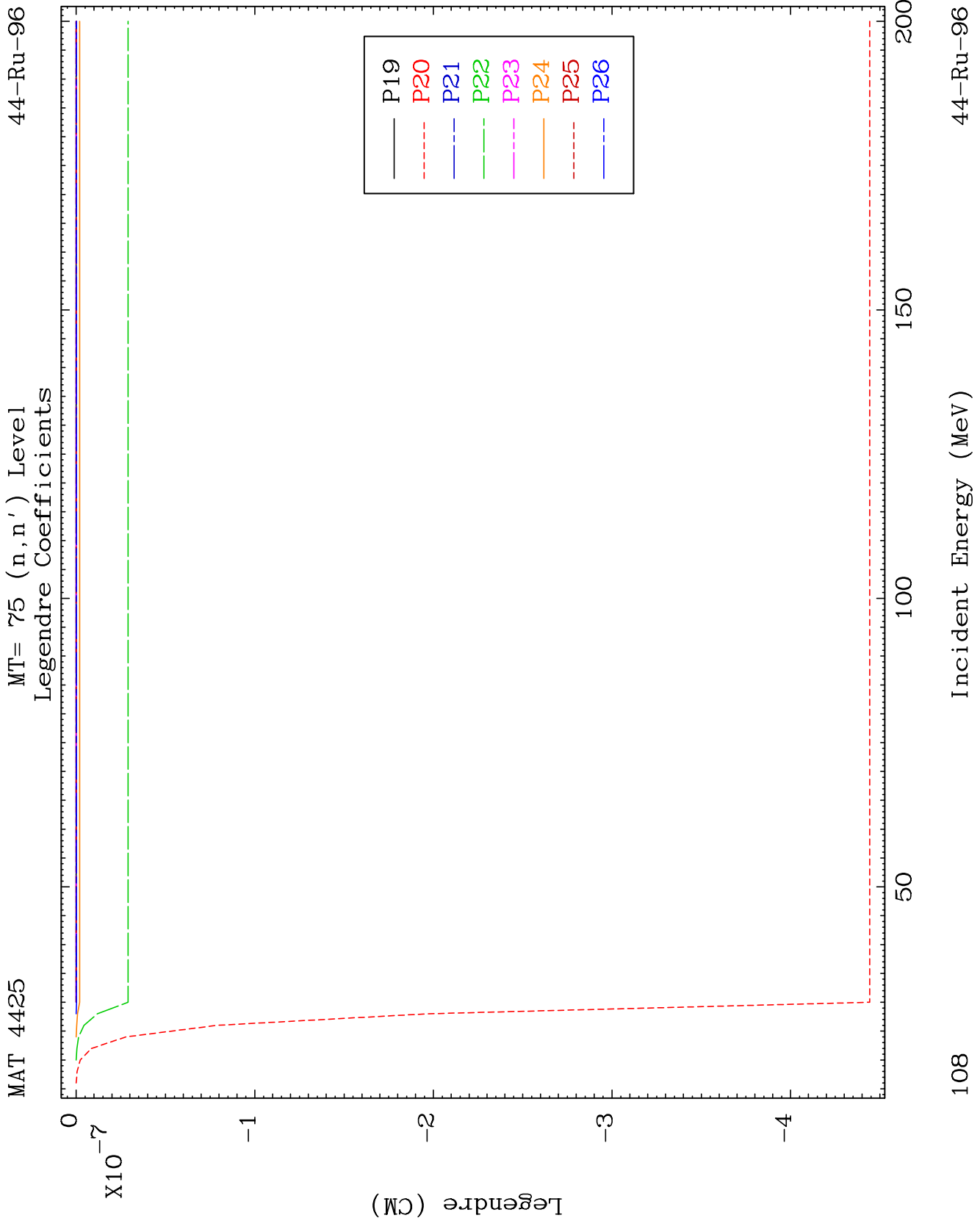
MT= 75 (n,n') Level  
Legendre Coefficients

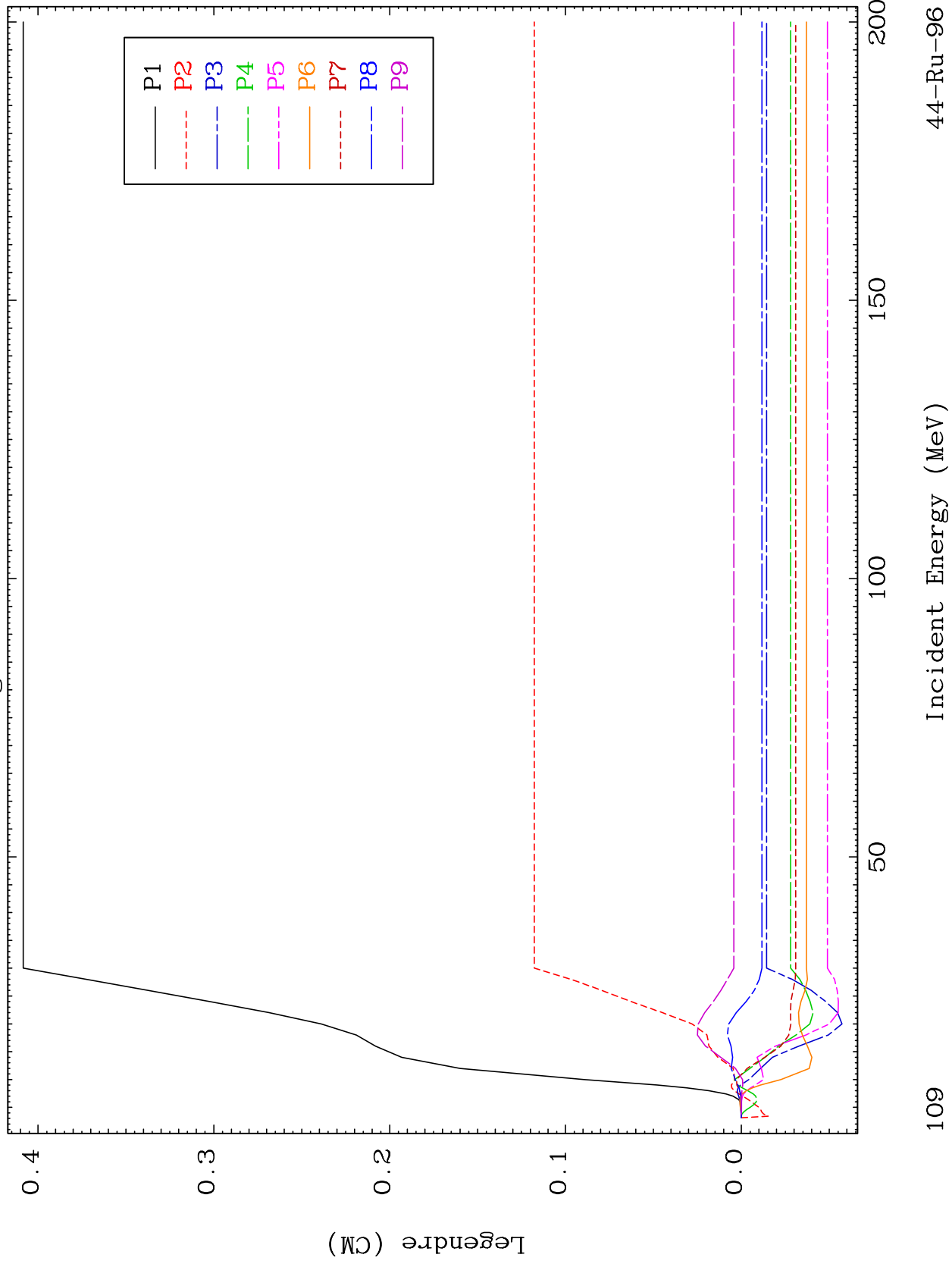
44-Ru-96



107

44-Ru-96

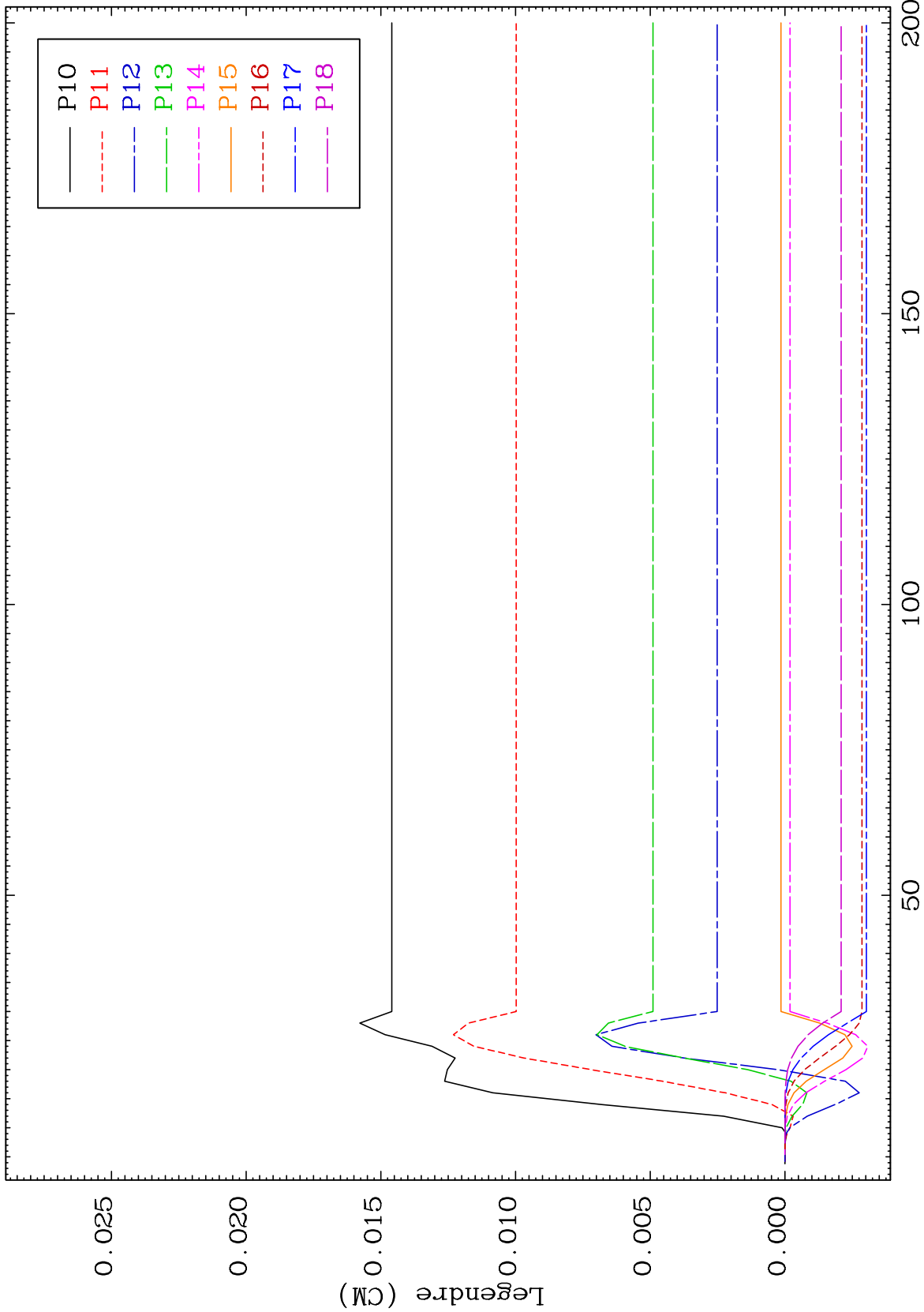




MAT 4425

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

44-Ru-96

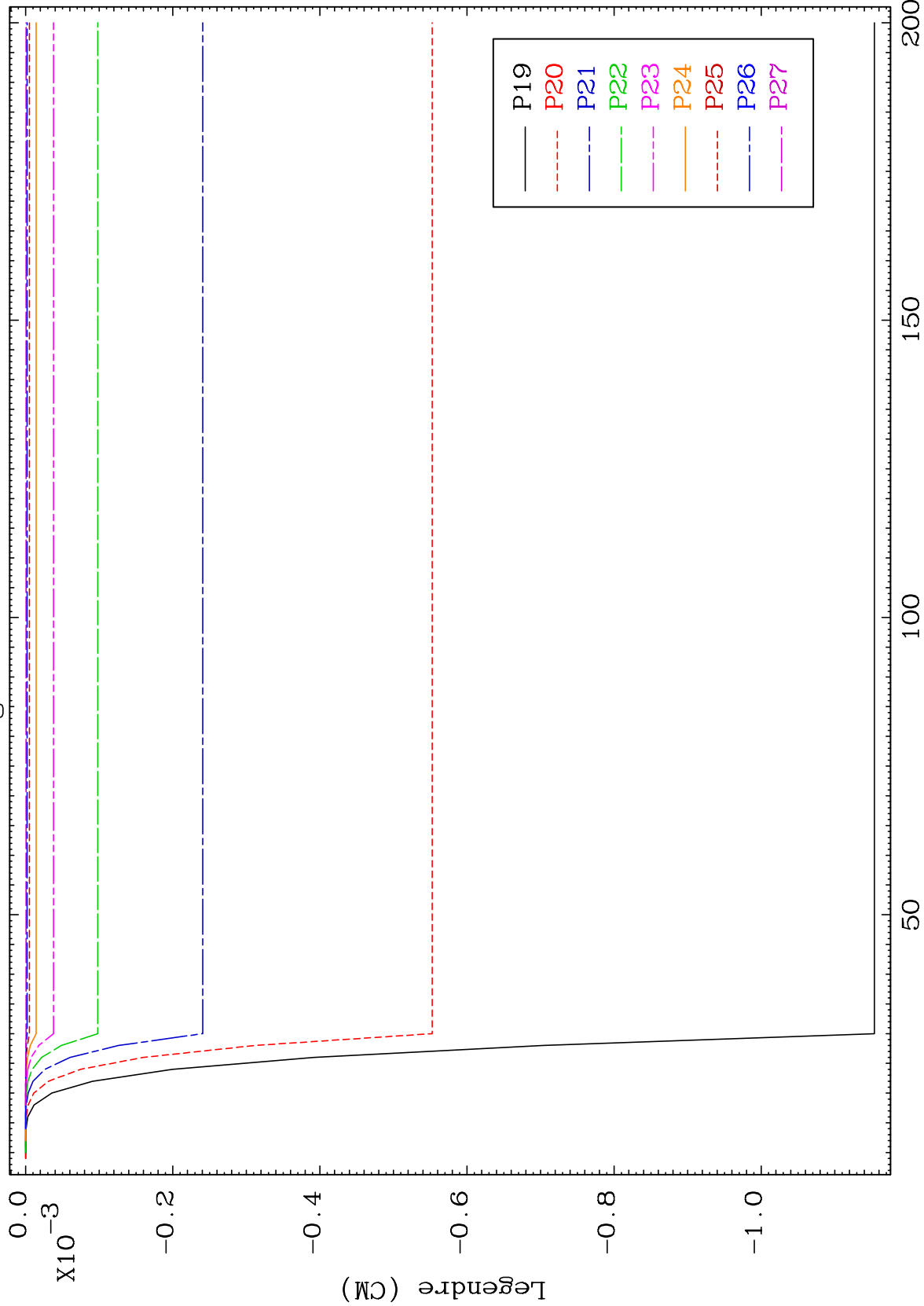


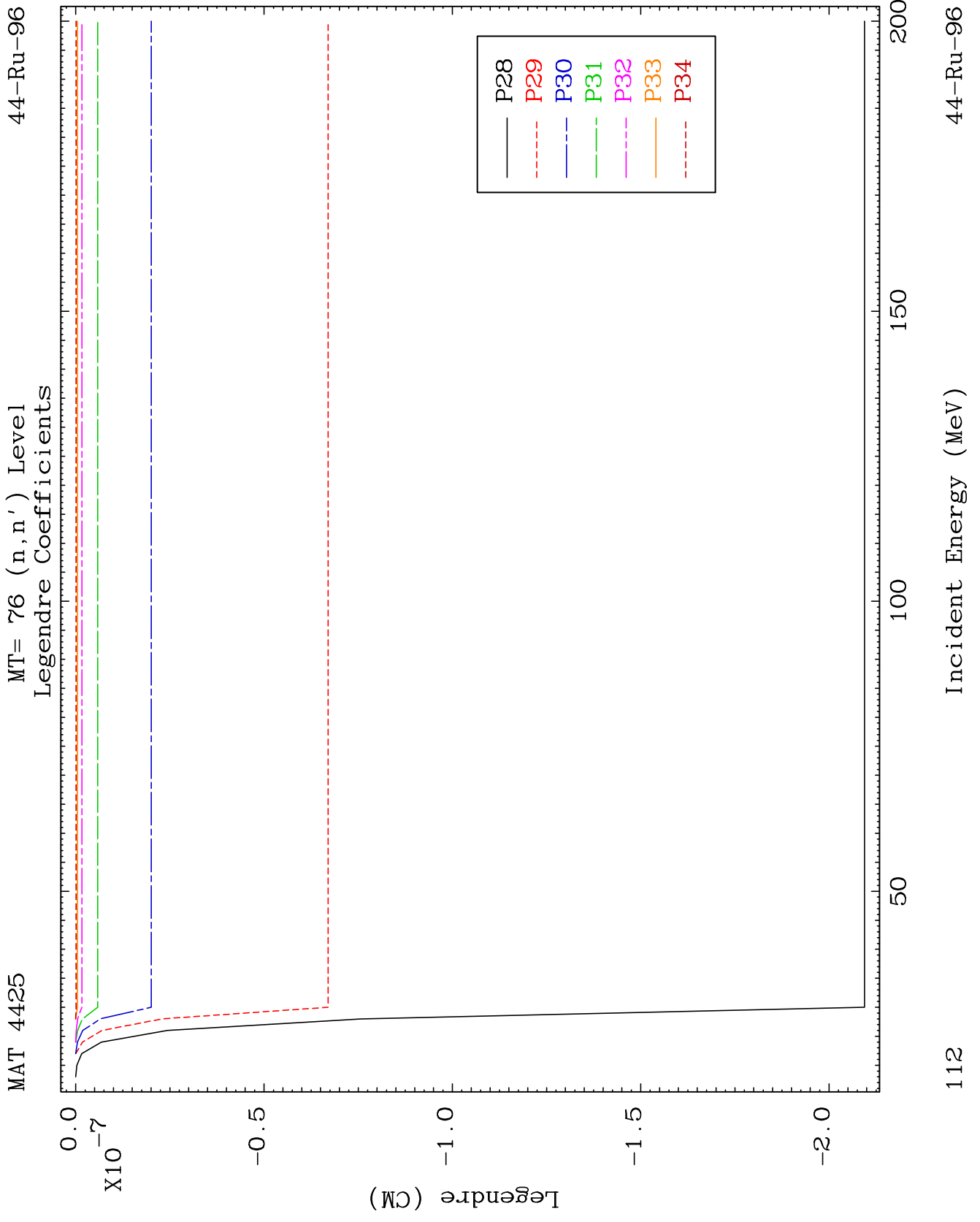
110

Incident Energy (MeV)

44-Ru-96

Legendre Coefficients

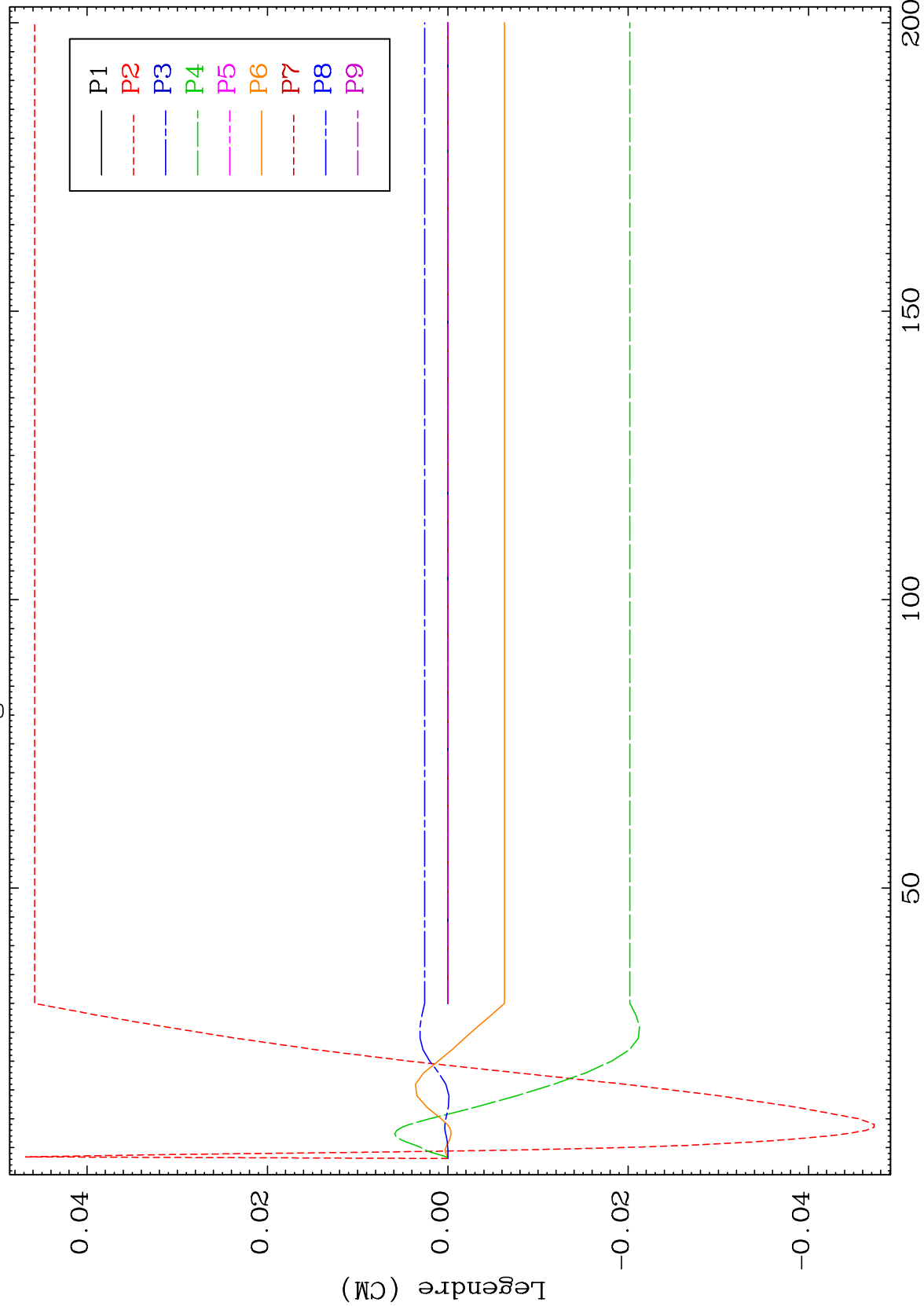




MAT 4425

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

44-Ru-96



113

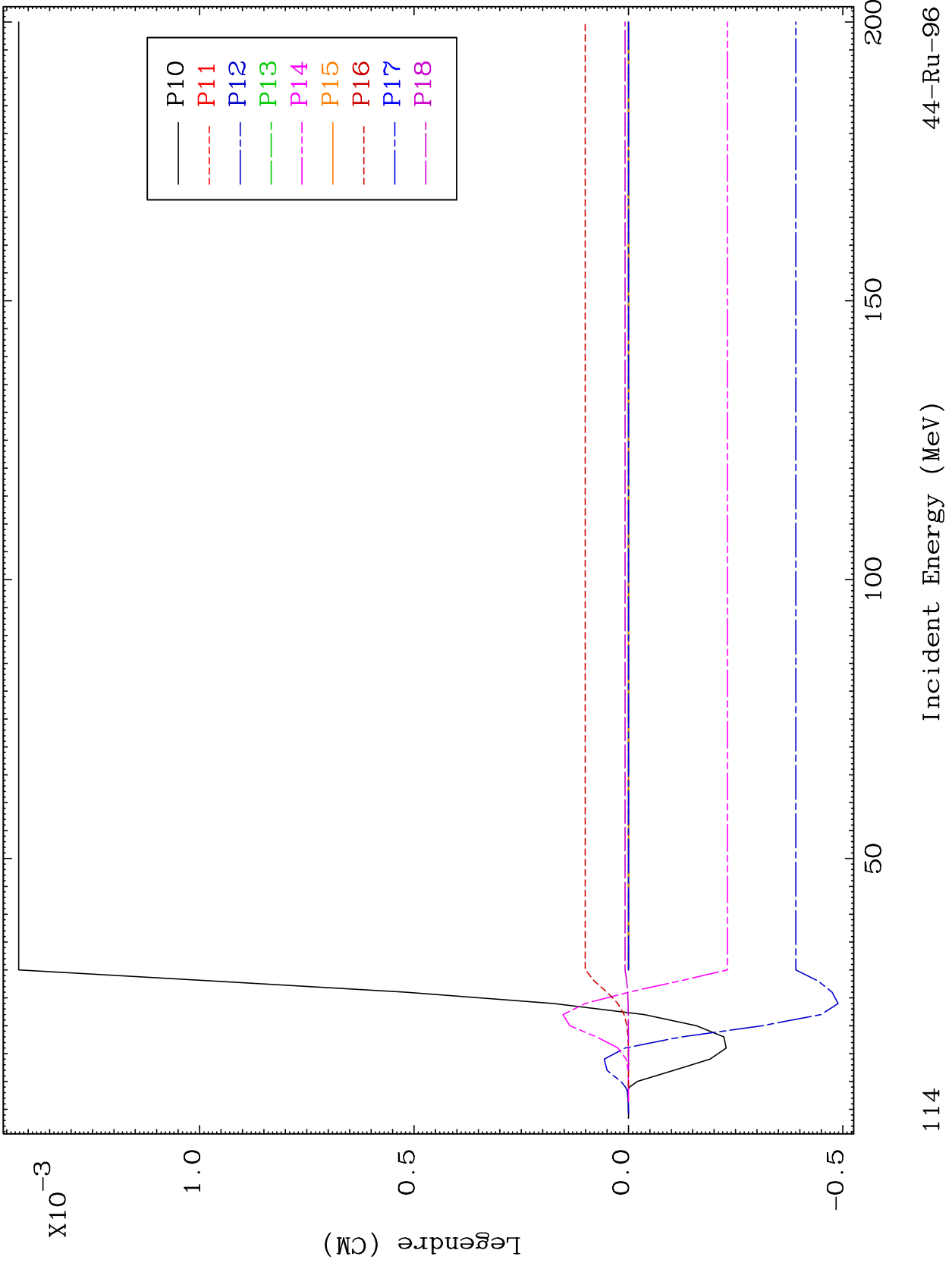
Incident Energy (MeV)

44-Ru-96

MAT 4425

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

44-Ru-96



114

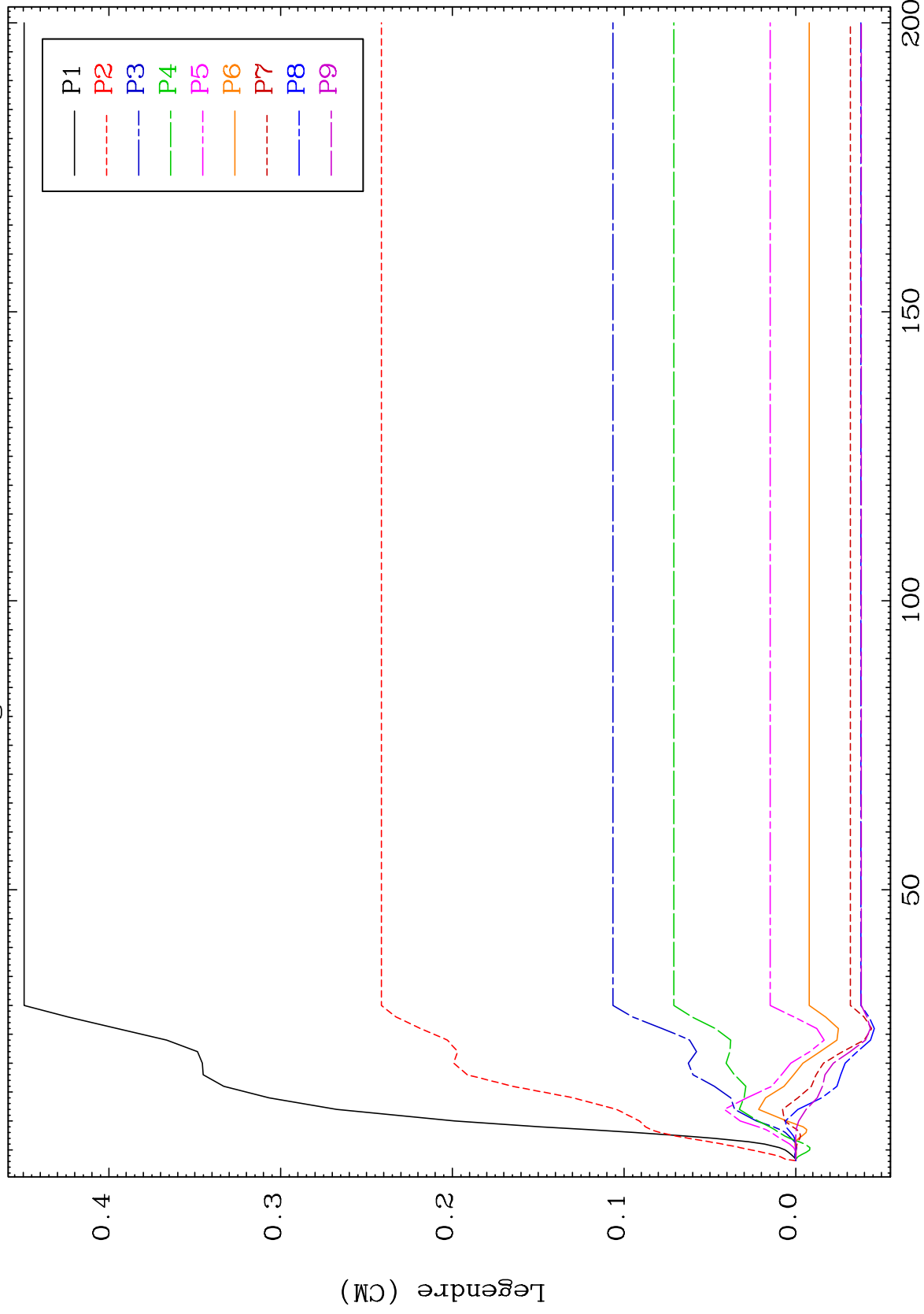
44-Ru-96



MAT 4425

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

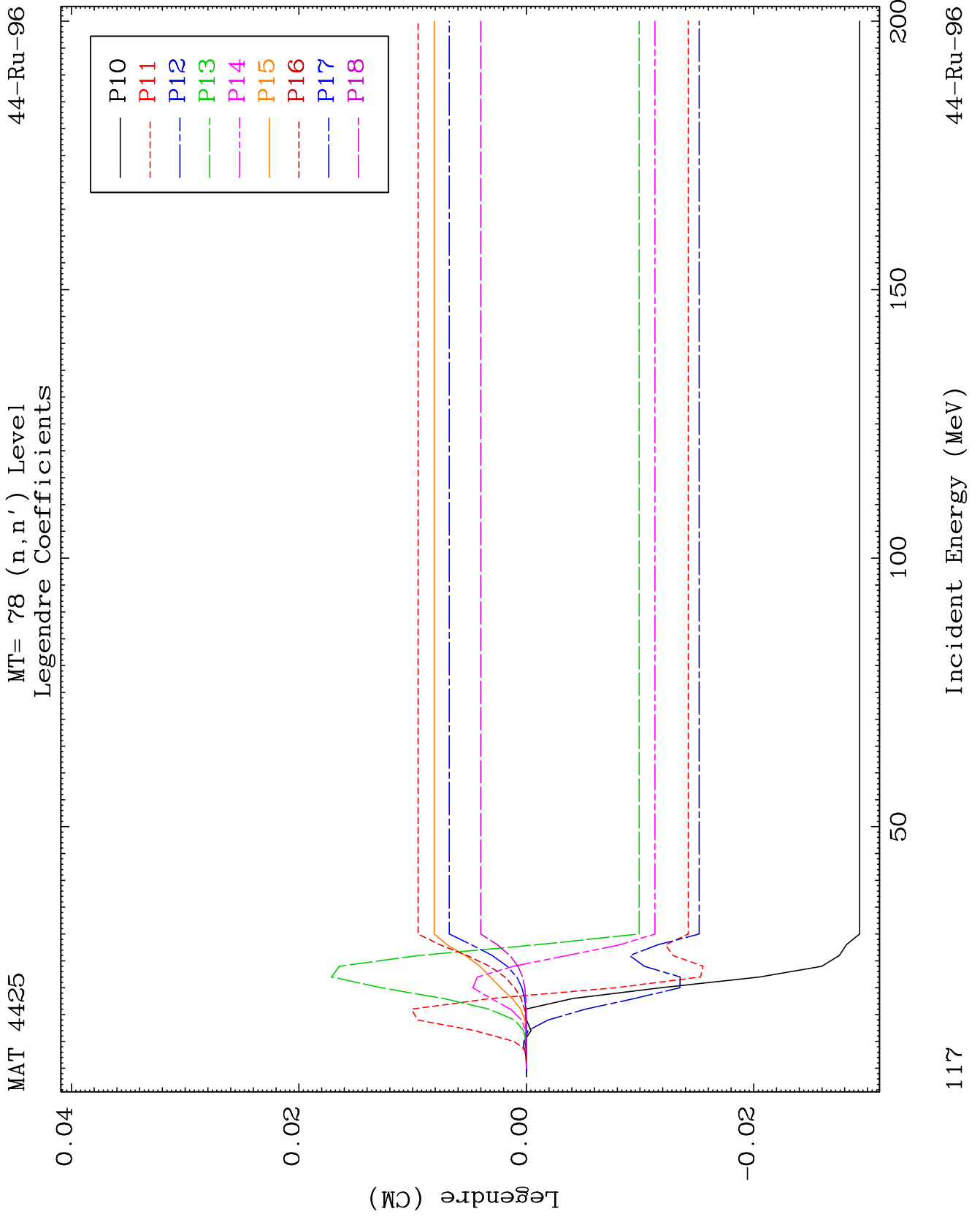
44-Ru-96



116

Incident Energy (MeV)

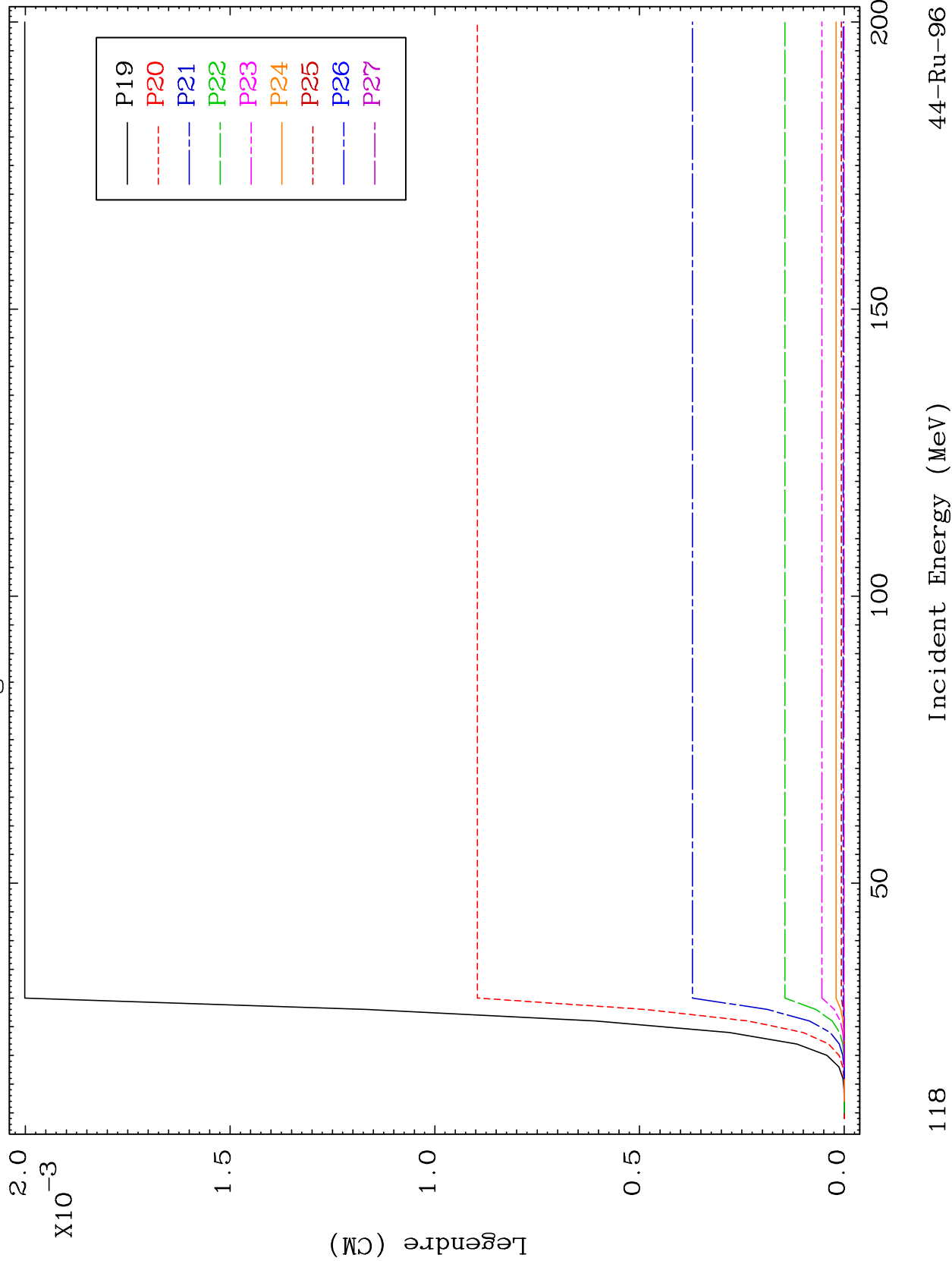
44-Ru-96



MAT 4425

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

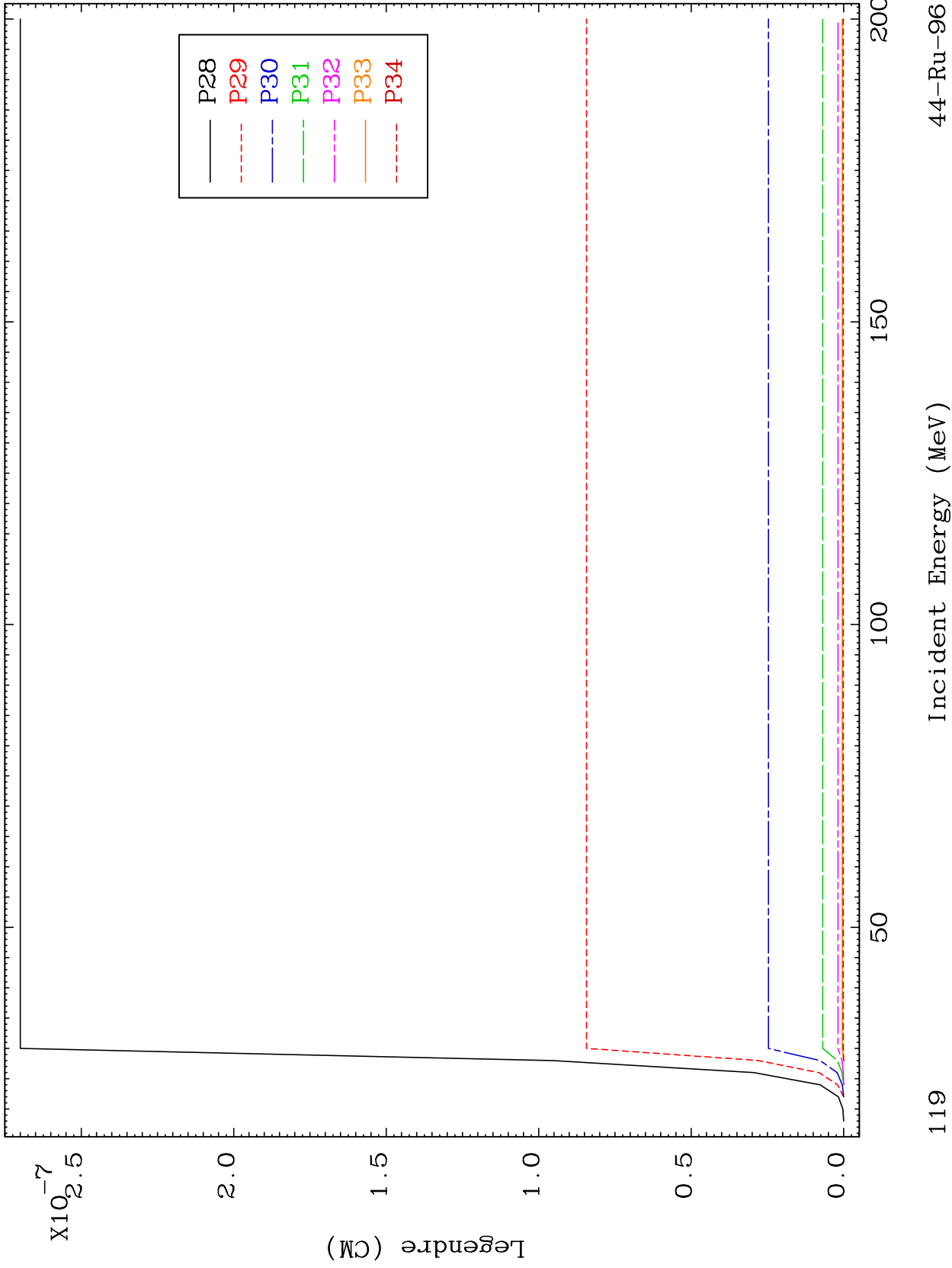
44-Ru-96

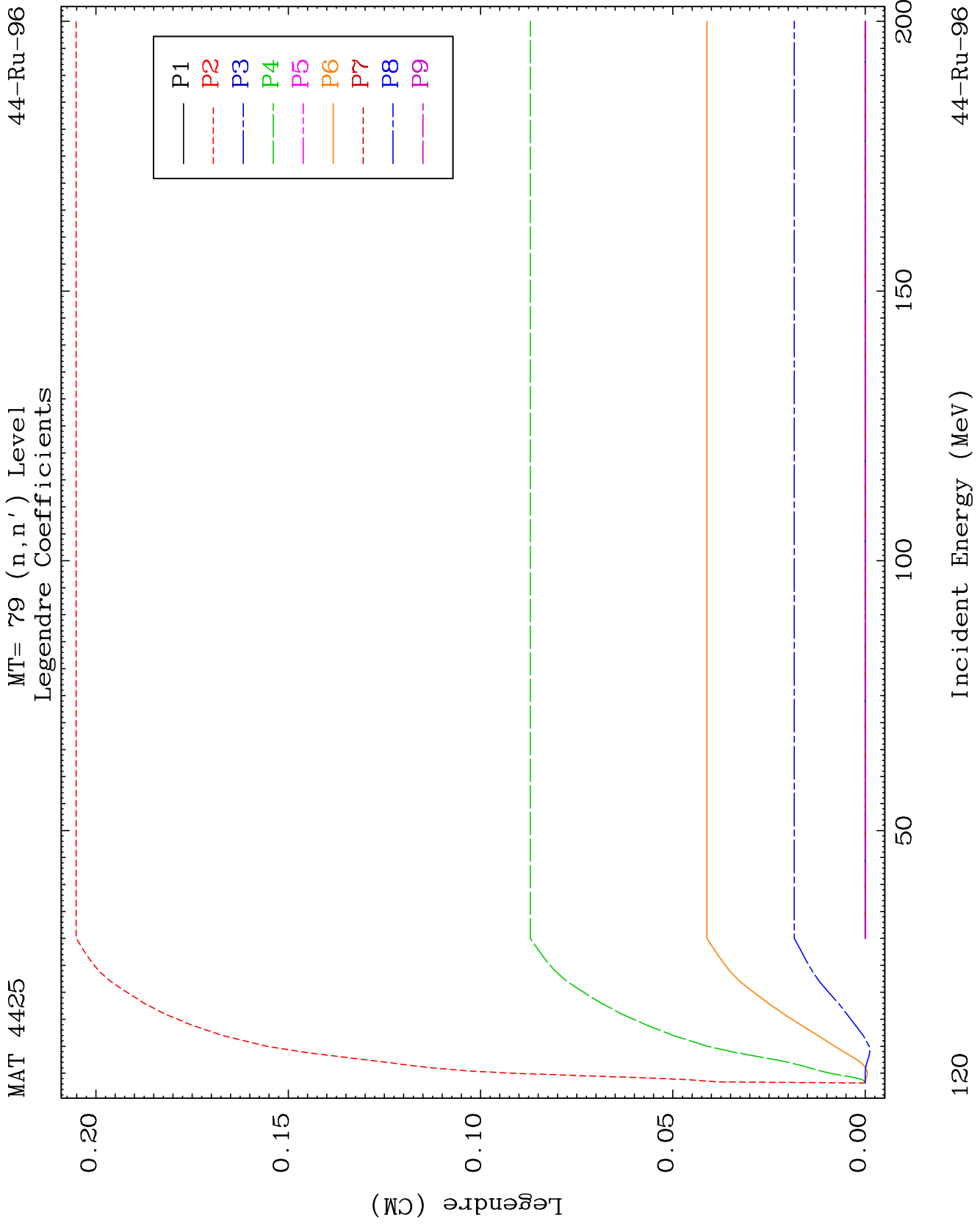


MAT 4425

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

44-Ru-96

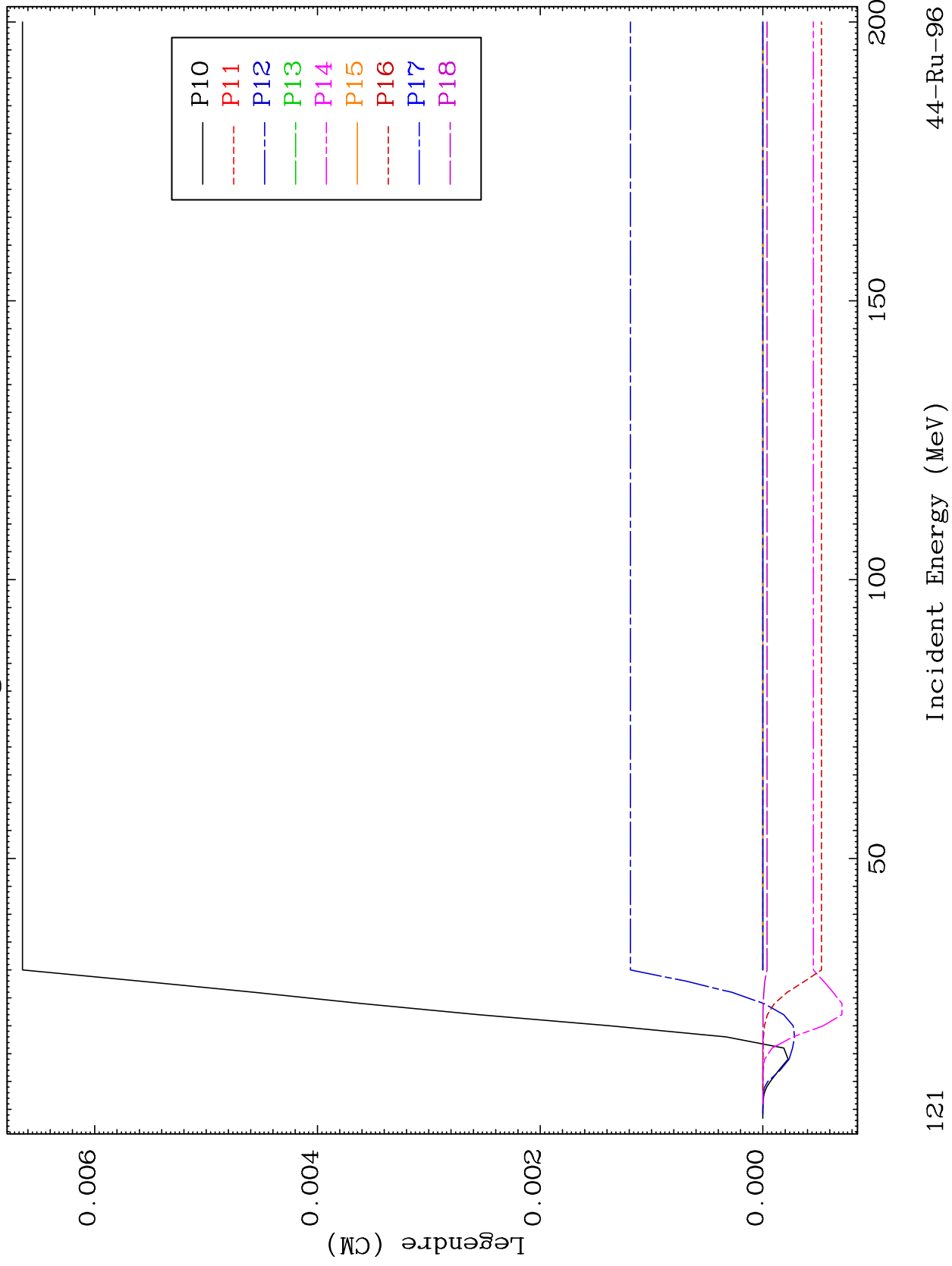




MAT 4425

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

44-Ru-96



121

Incident Energy (MeV)

44-Ru-96

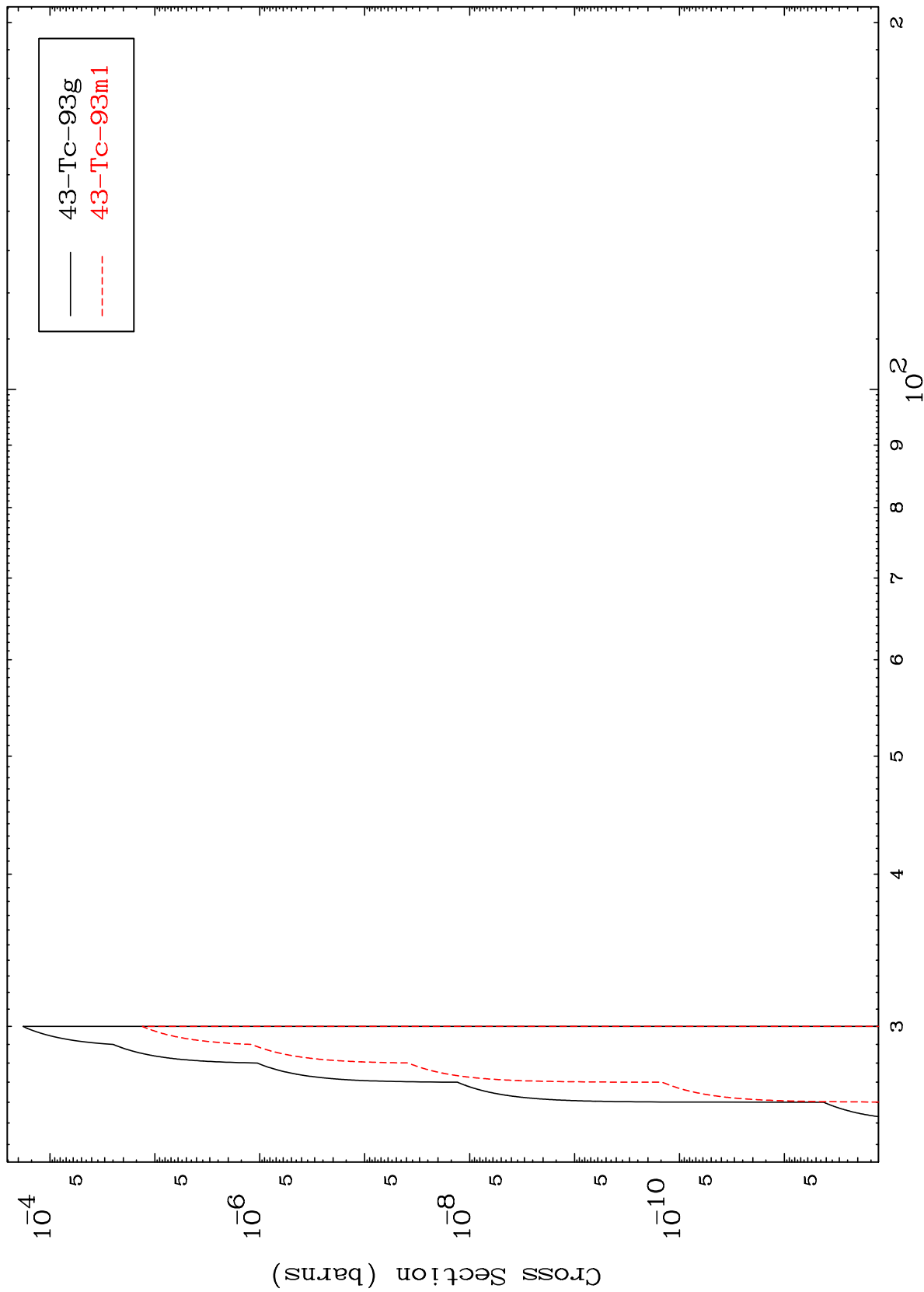


MAT 4425

(n,2n) d

44-Ru-96

Radionuclide Production Cross Section



123

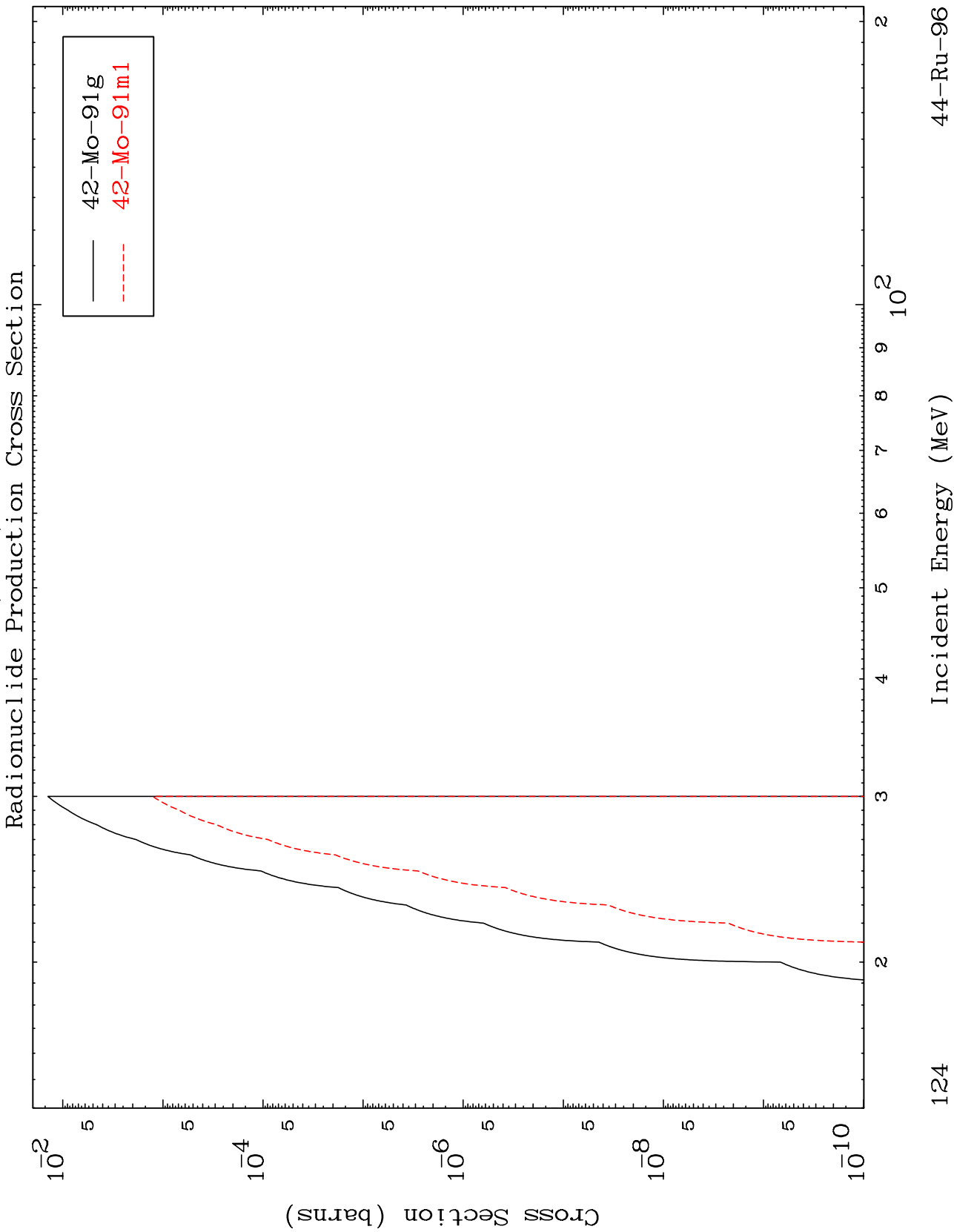
Incident Energy (MeV)

44-Ru-96

MAT 4425

(n,2n)  $\alpha$

44-Ru-96



124

Incident Energy (MeV)

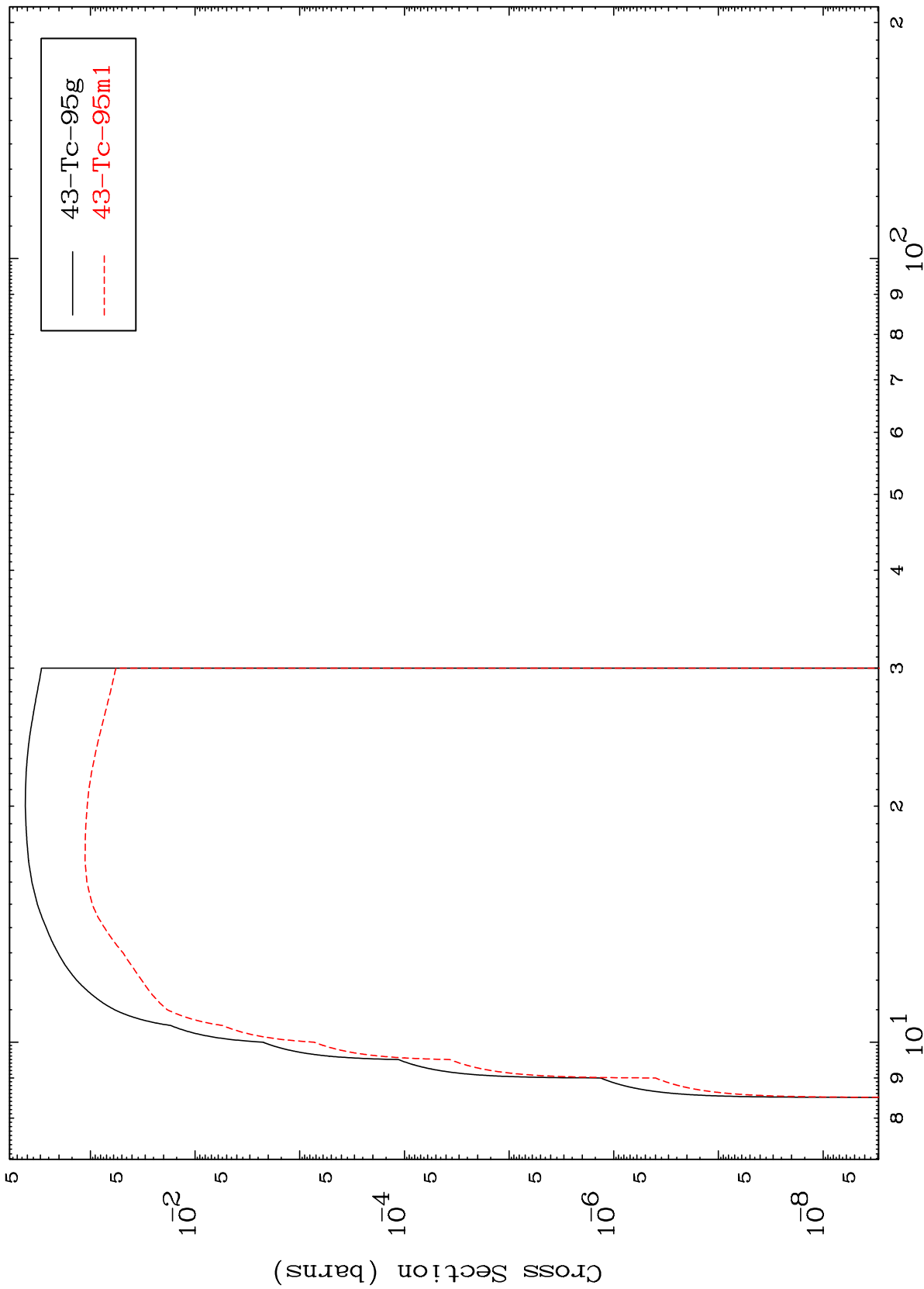
44-Ru-96

MAT 4425

(n,n') p

44-Ru-96

Radionuclide Production Cross Section

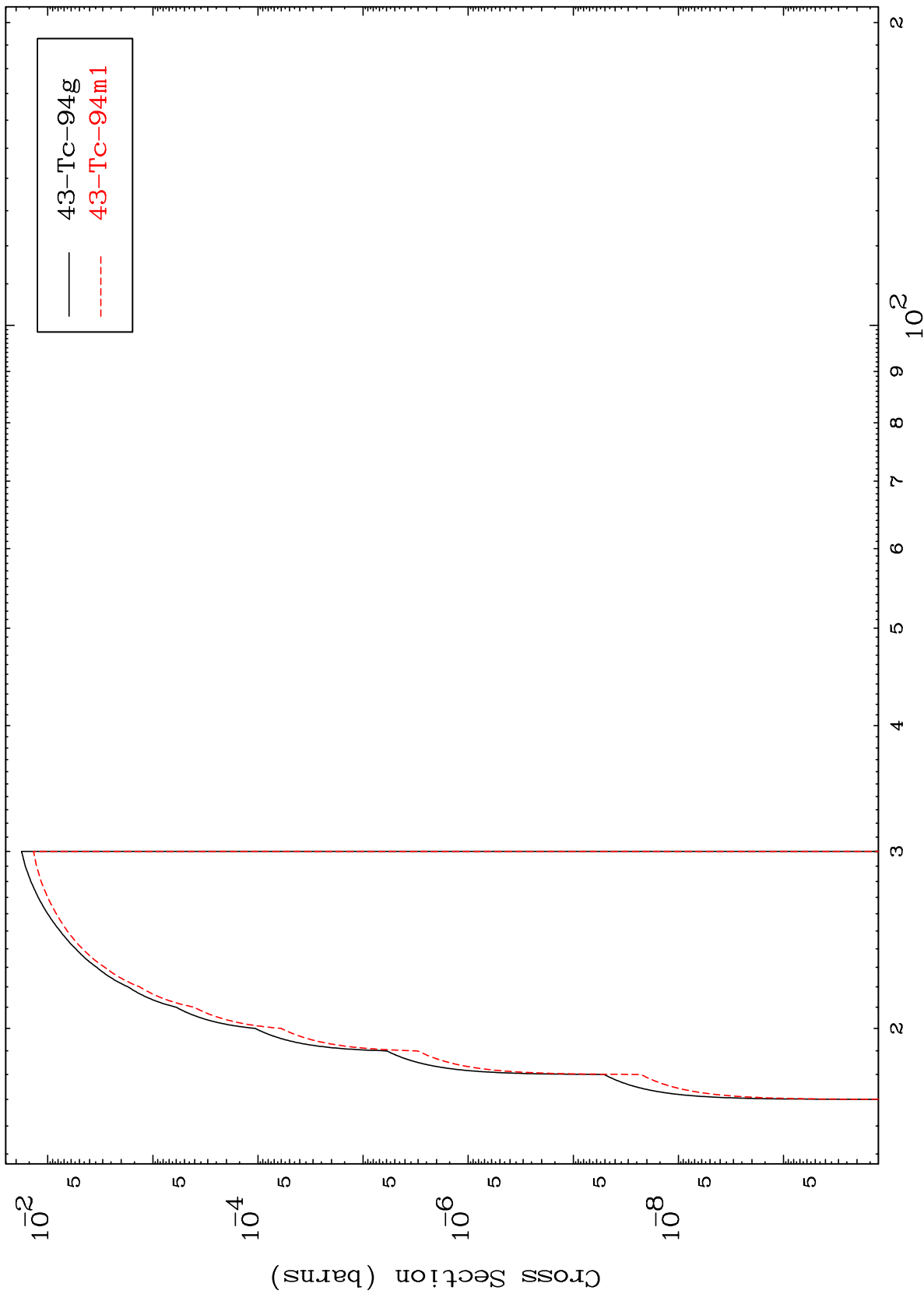


125

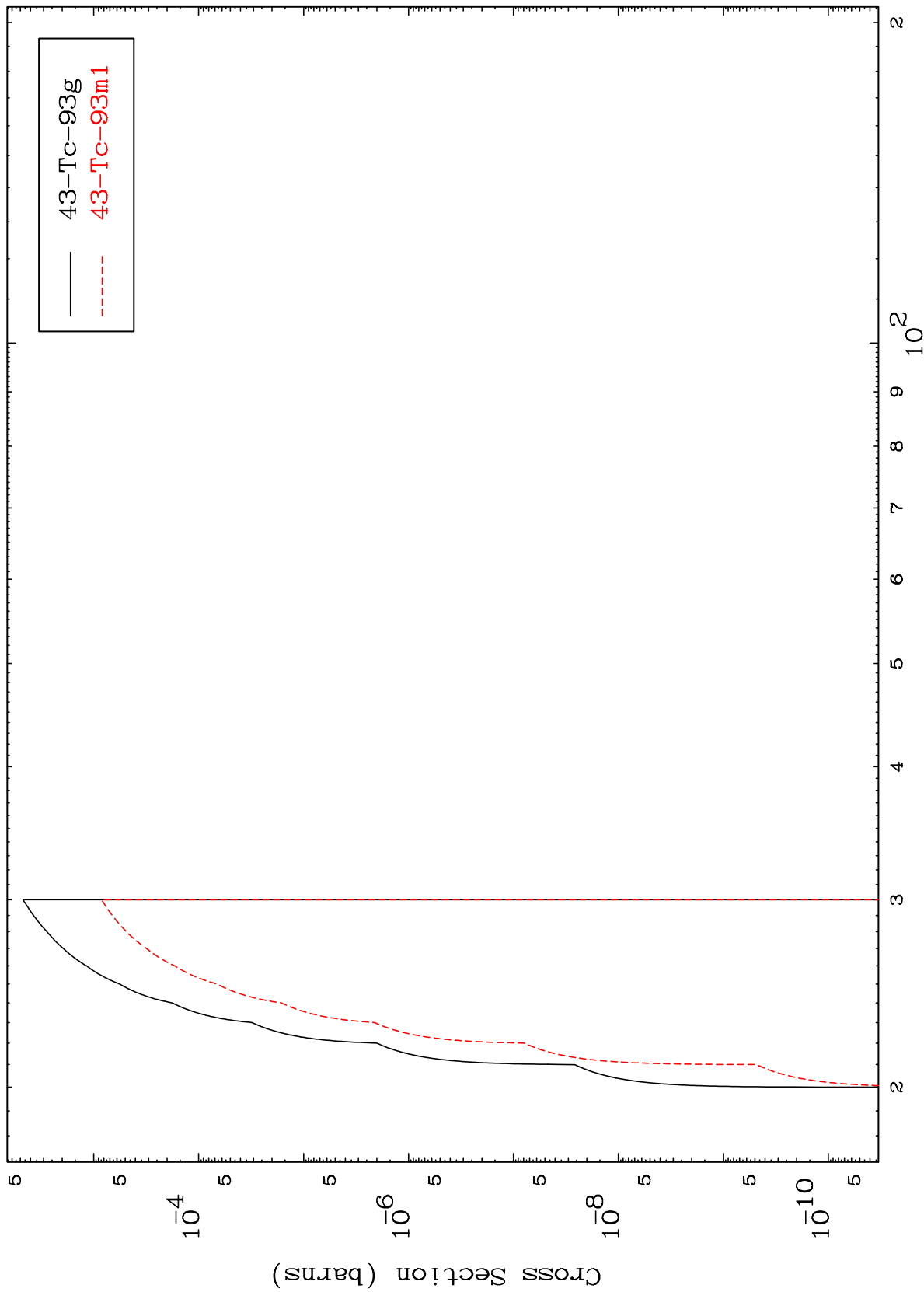
Incident Energy (MeV)

44-Ru-96

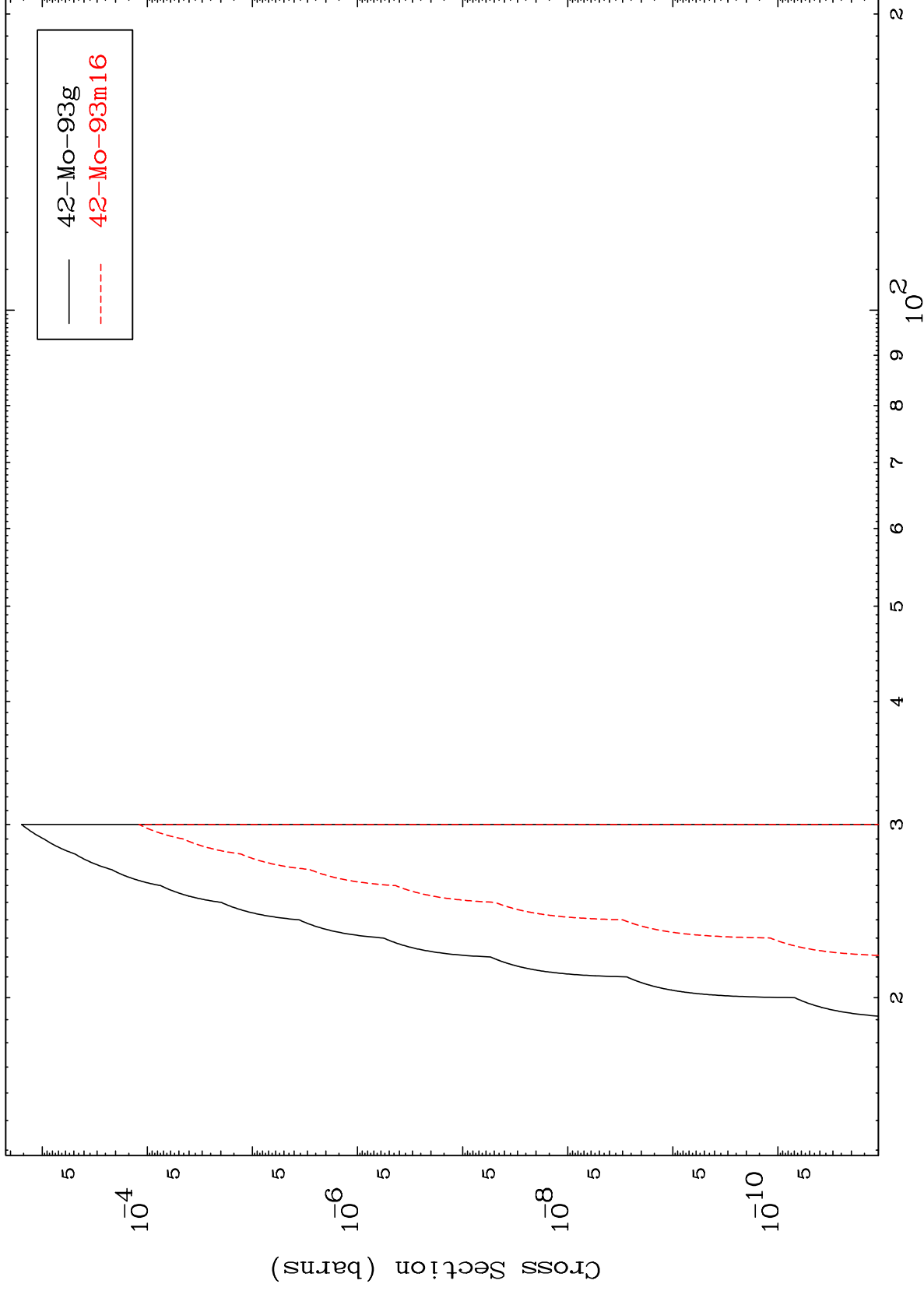
Radionuclide Production Cross Section



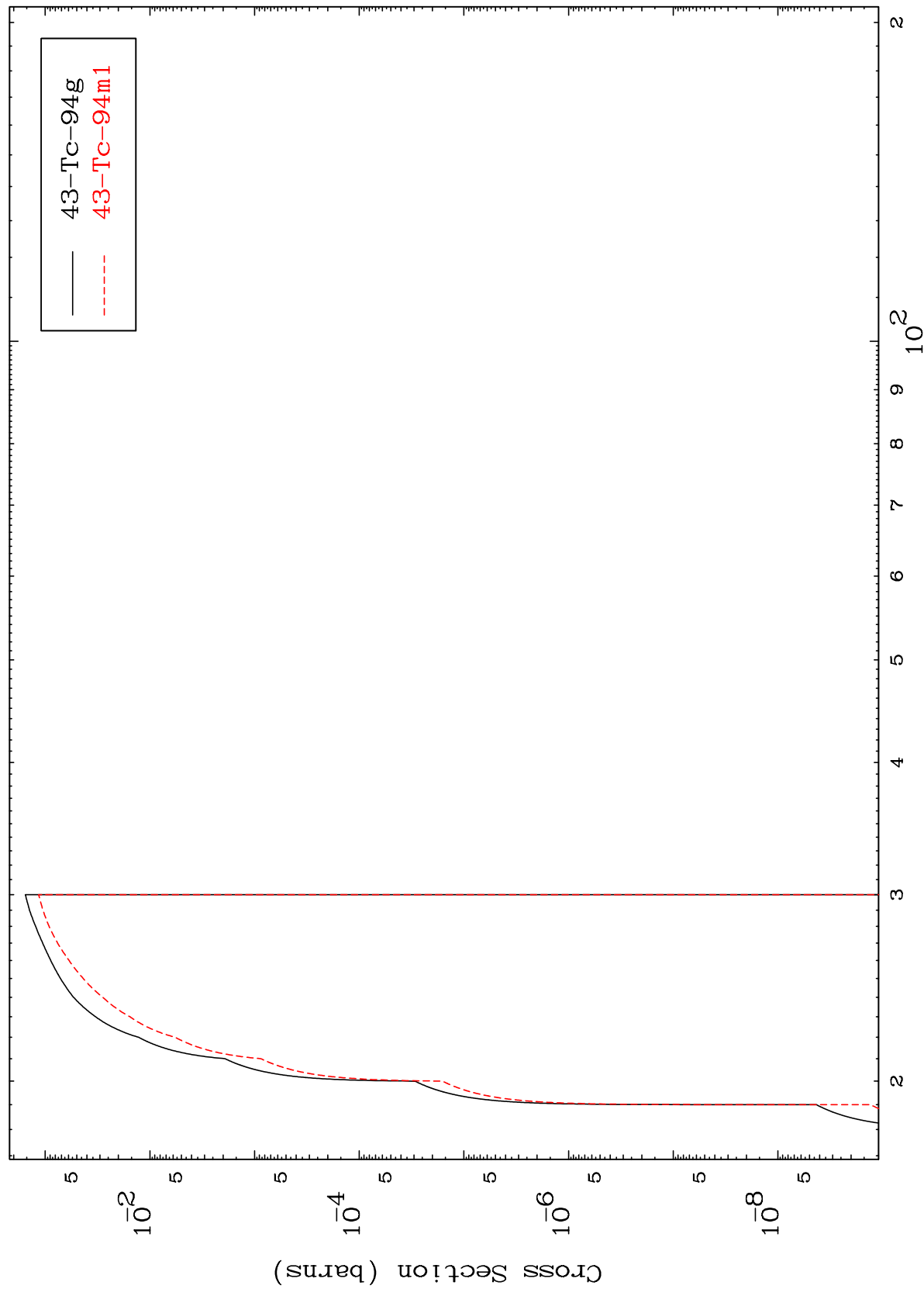
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

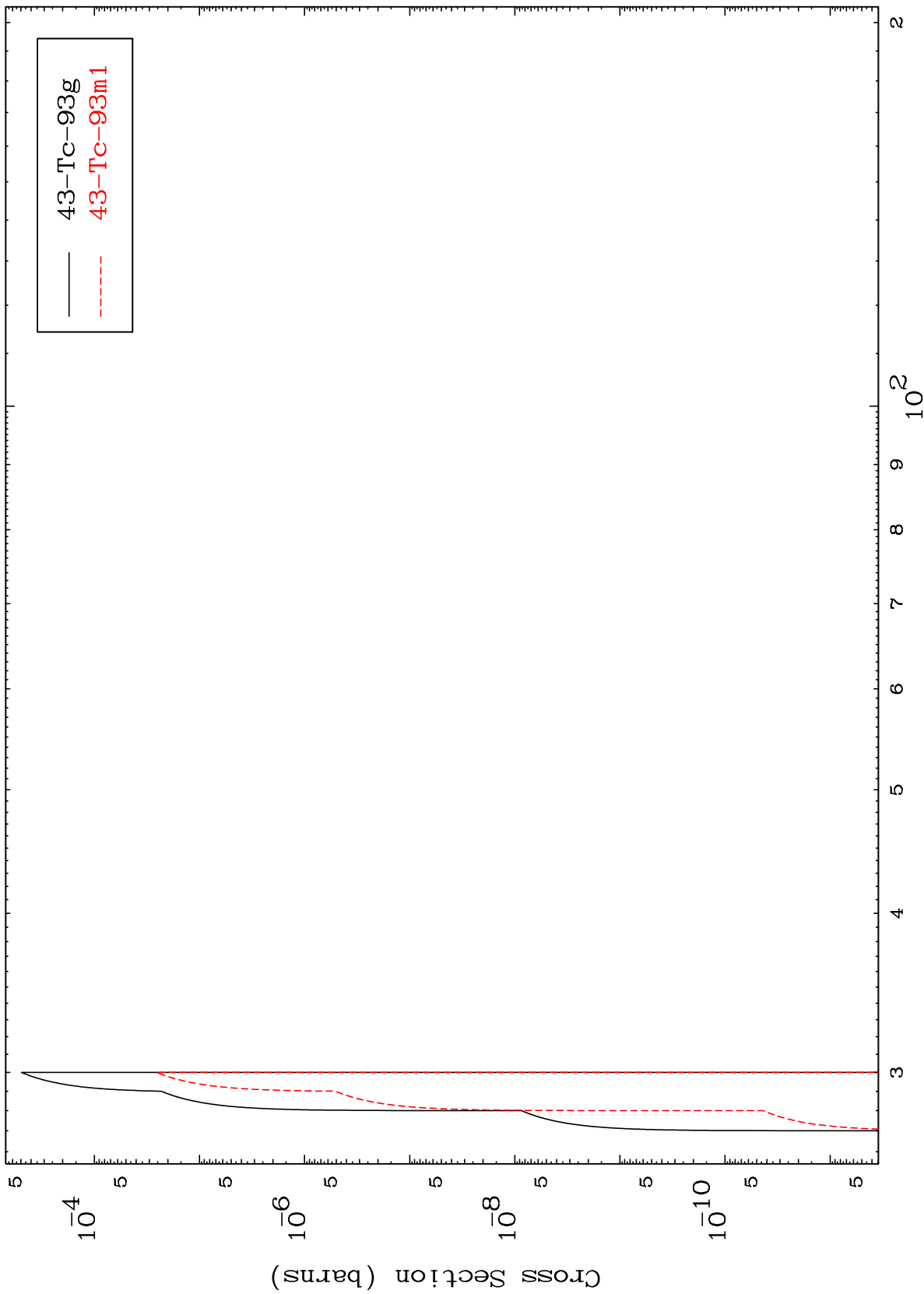


MAT 4425

(n,3n) p

44-Ru-96

Radionuclide Production Cross Section



130

Incident Energy (MeV)

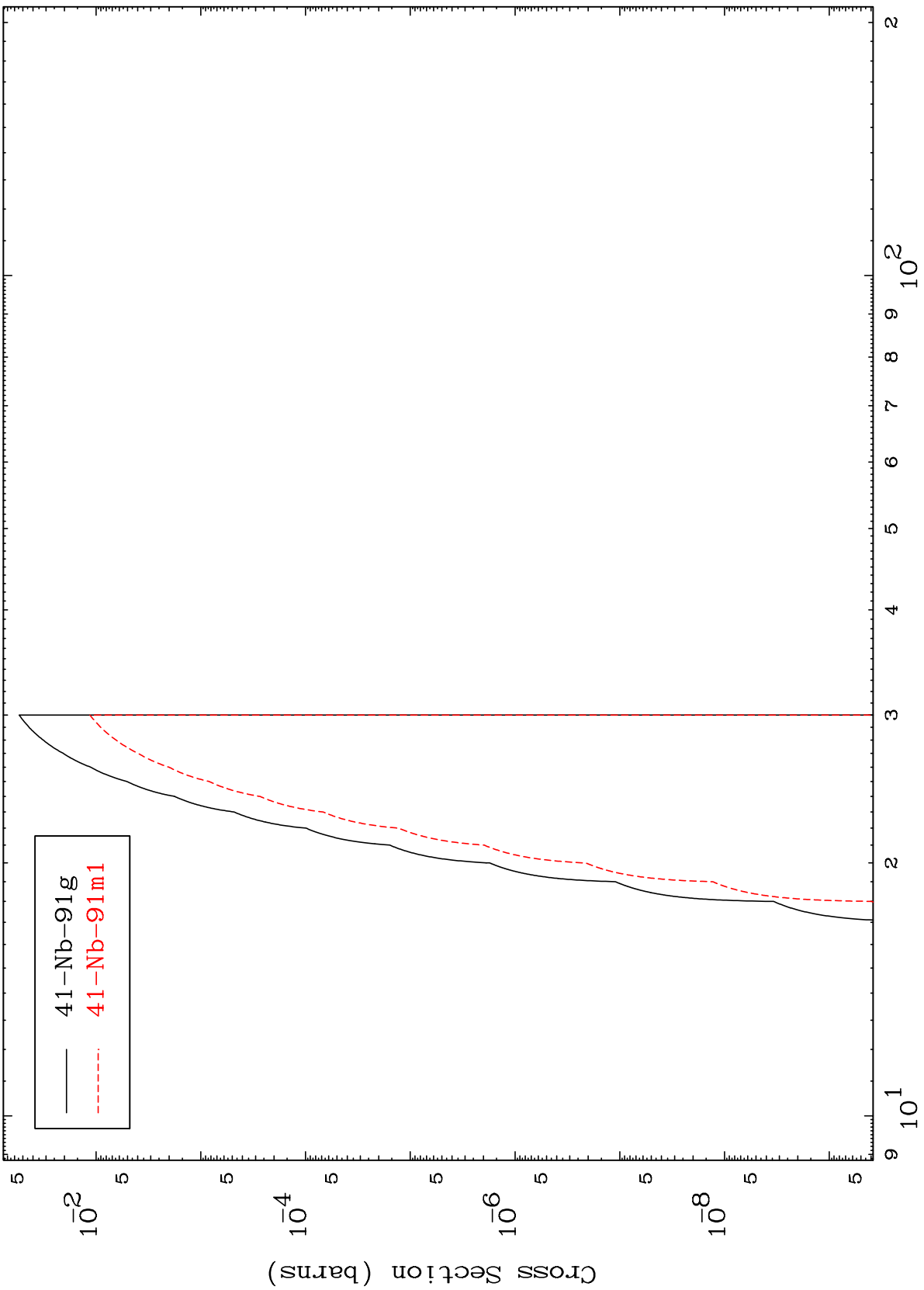
44-Ru-96

MAT 4425

(n,n') p  $\alpha$

44-Ru-96

Radionuclide Production Cross Section



41-Nb-91g  
41-Nb-91m1

131

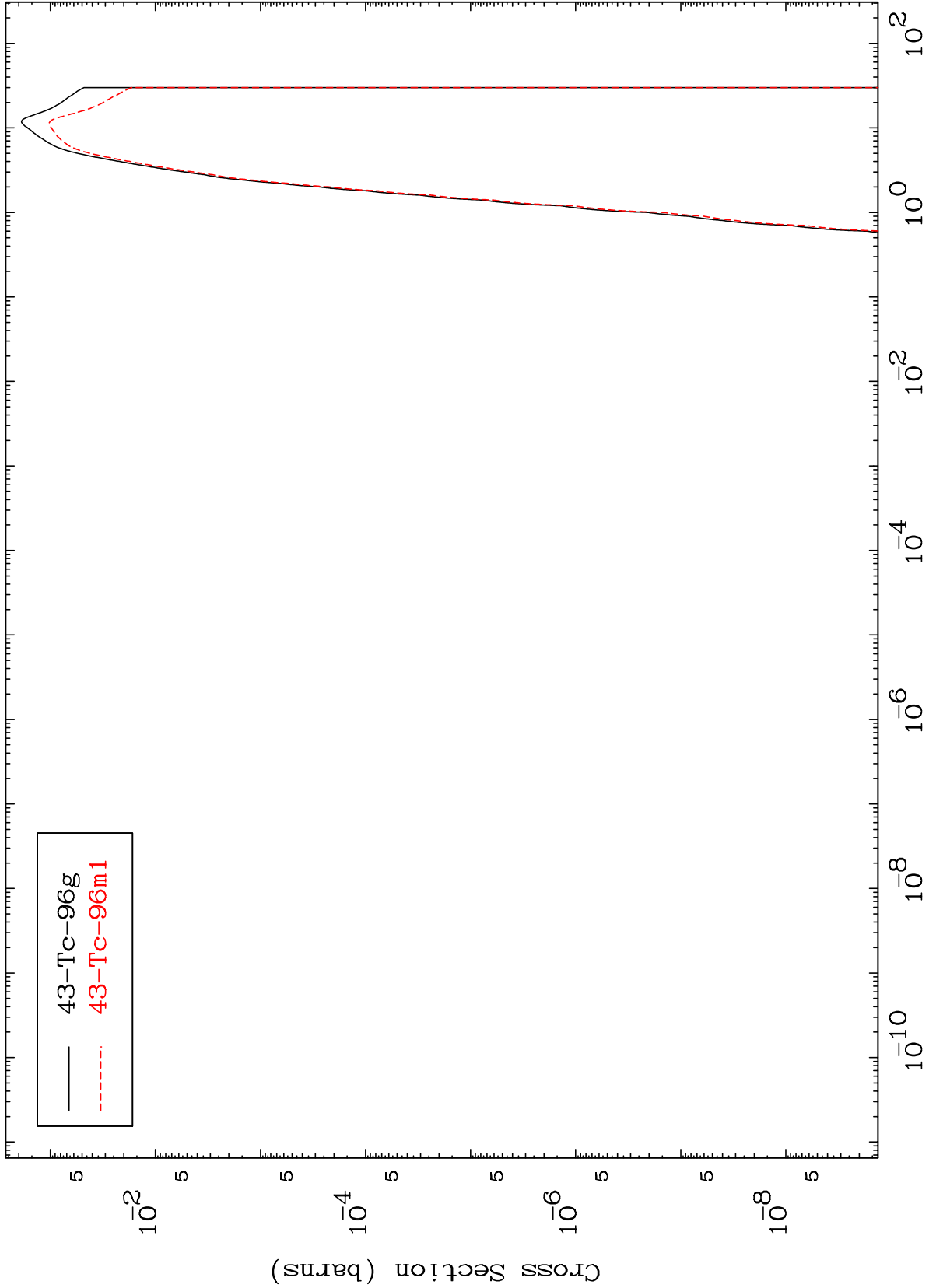
Incident Energy (MeV)

44-Ru-96

MAT 4425

44-Ru-96

(n,p)  
Radionuclide Production Cross Section



— 43-Tc-96g  
- - - 43-Tc-96m1

44-Ru-96

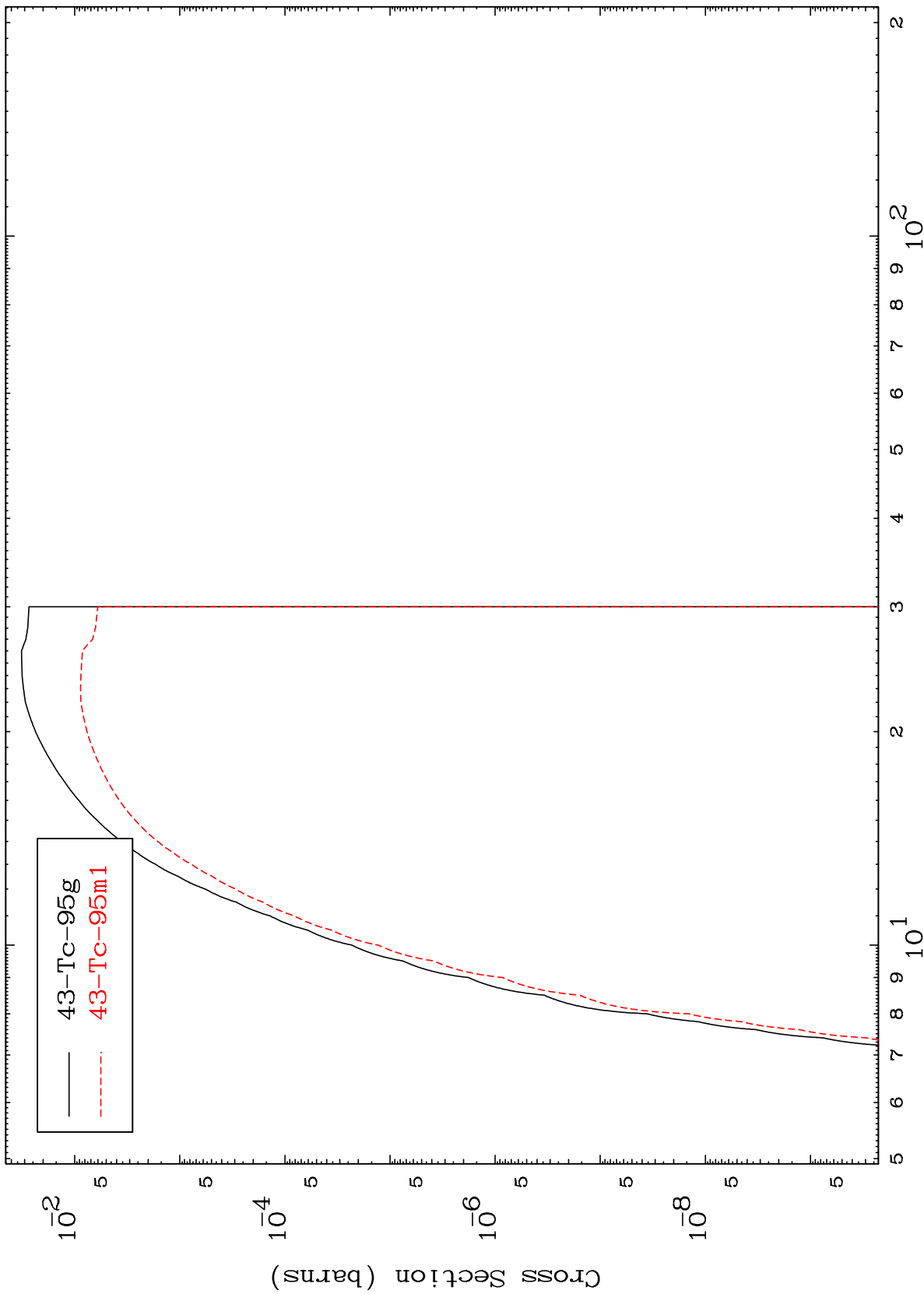
Incident Energy (MeV)

132

MAT 4425

44-Ru-96

(n,d)  
Radionuclide Production Cross Section



— 43-Tc-95g  
- - - 43-Tc-95m1

44-Ru-96

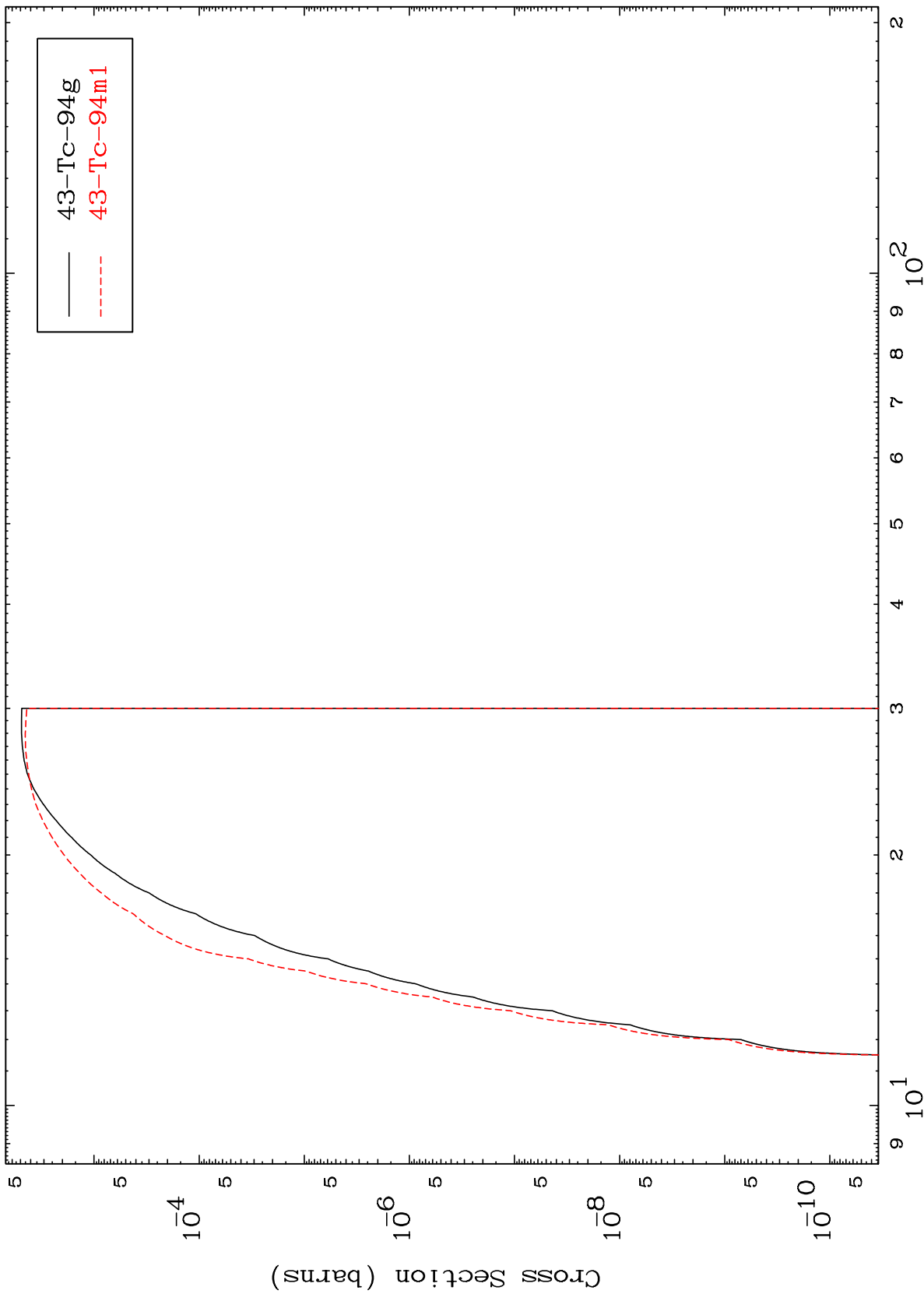
Incident Energy (MeV)

133

MAT 4425

44-Ru-96

(n, t)  
Radionuclide Production Cross Section



44-Ru-96

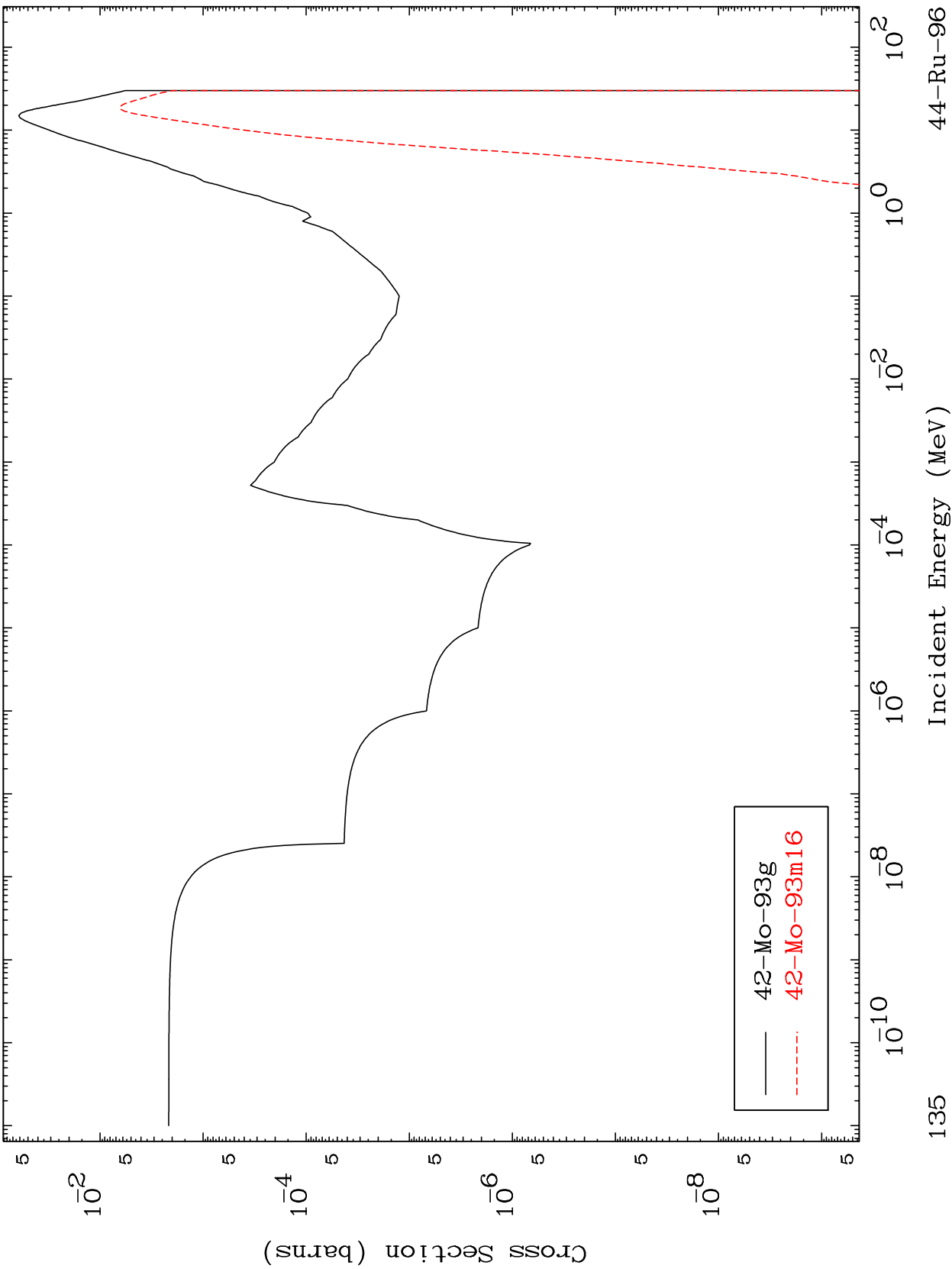
Incident Energy (MeV)

134

MAT 4425

44-Ru-96

$(n, \alpha)$   
Radionuclide Production Cross Section

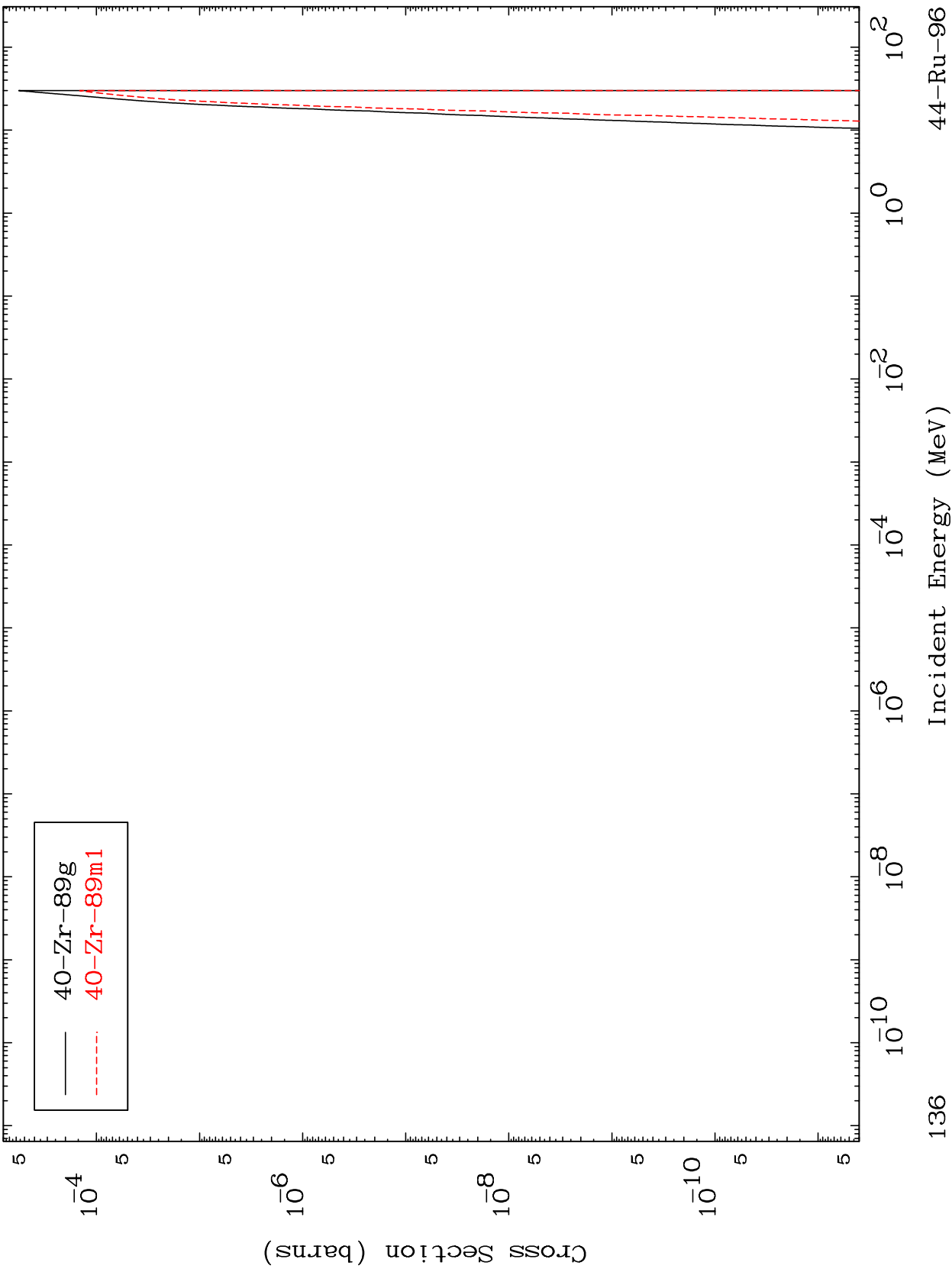


MAT 4425

(n,2α)

44-Ru-96

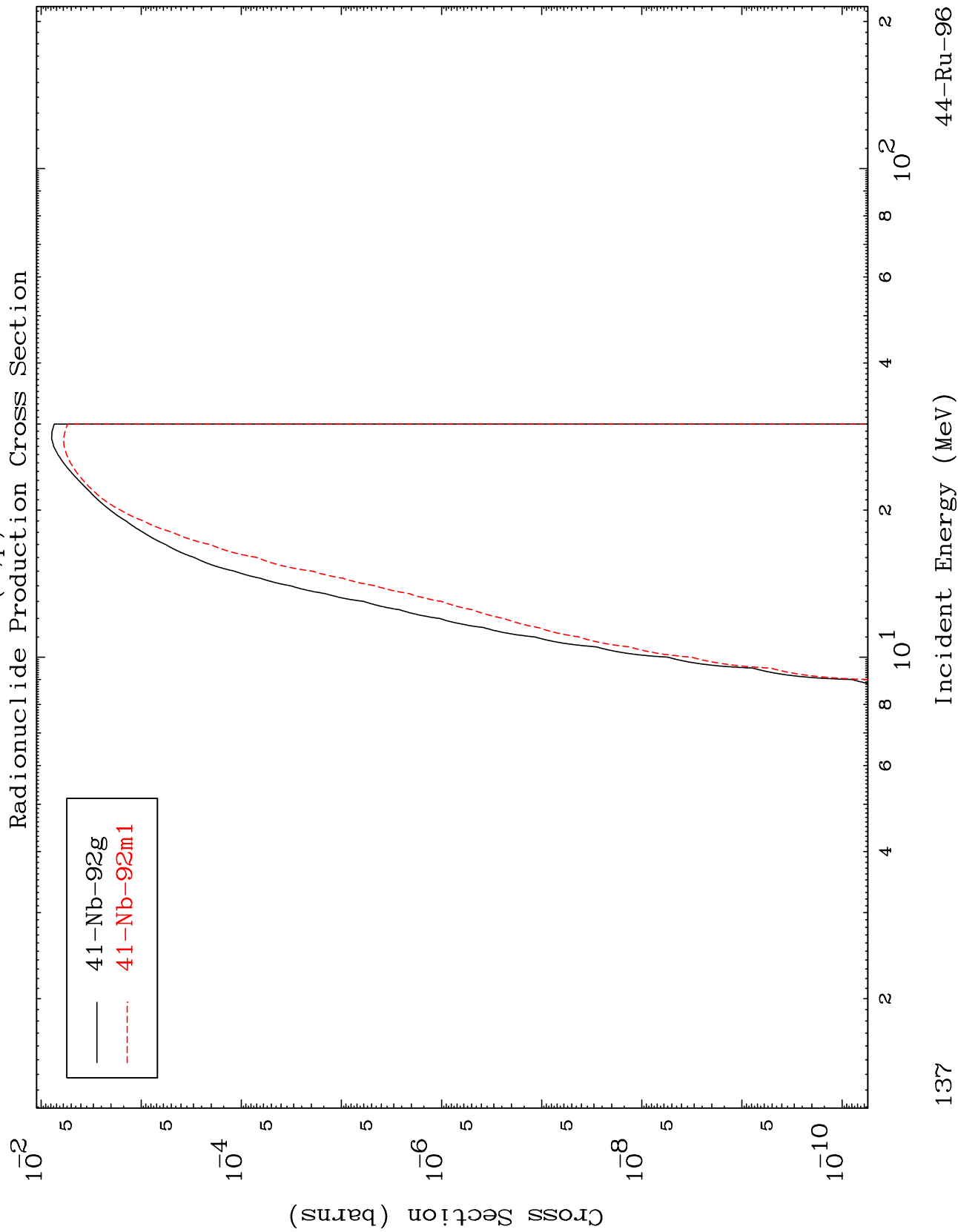
Radionuclide Production Cross Section



MAT 4425

(n,p)  $\alpha$

44-Ru-96

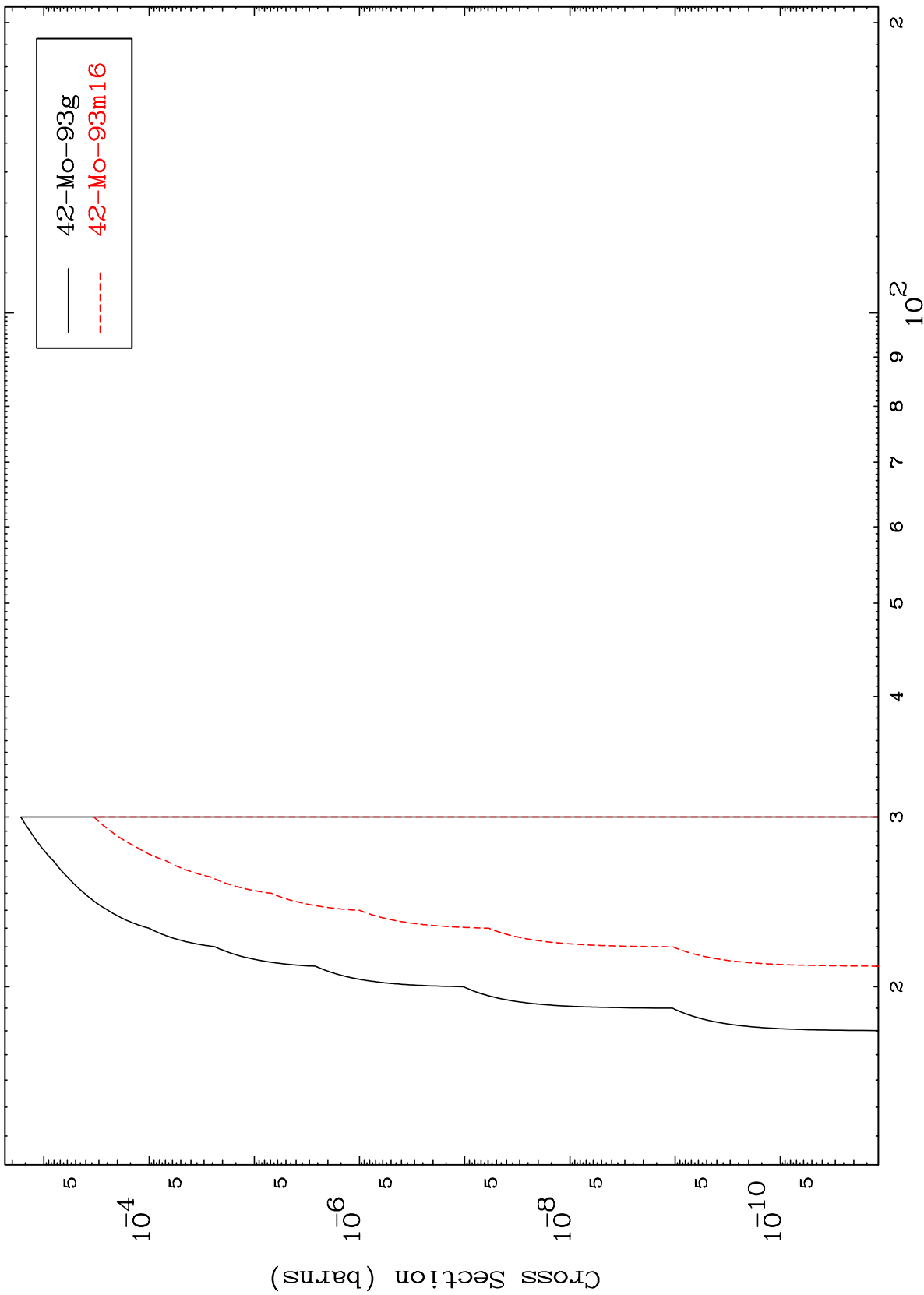


MAT 4425

(n,p) t

44-Ru-96

Radionuclide Production Cross Section



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Incident Energy (MeV)

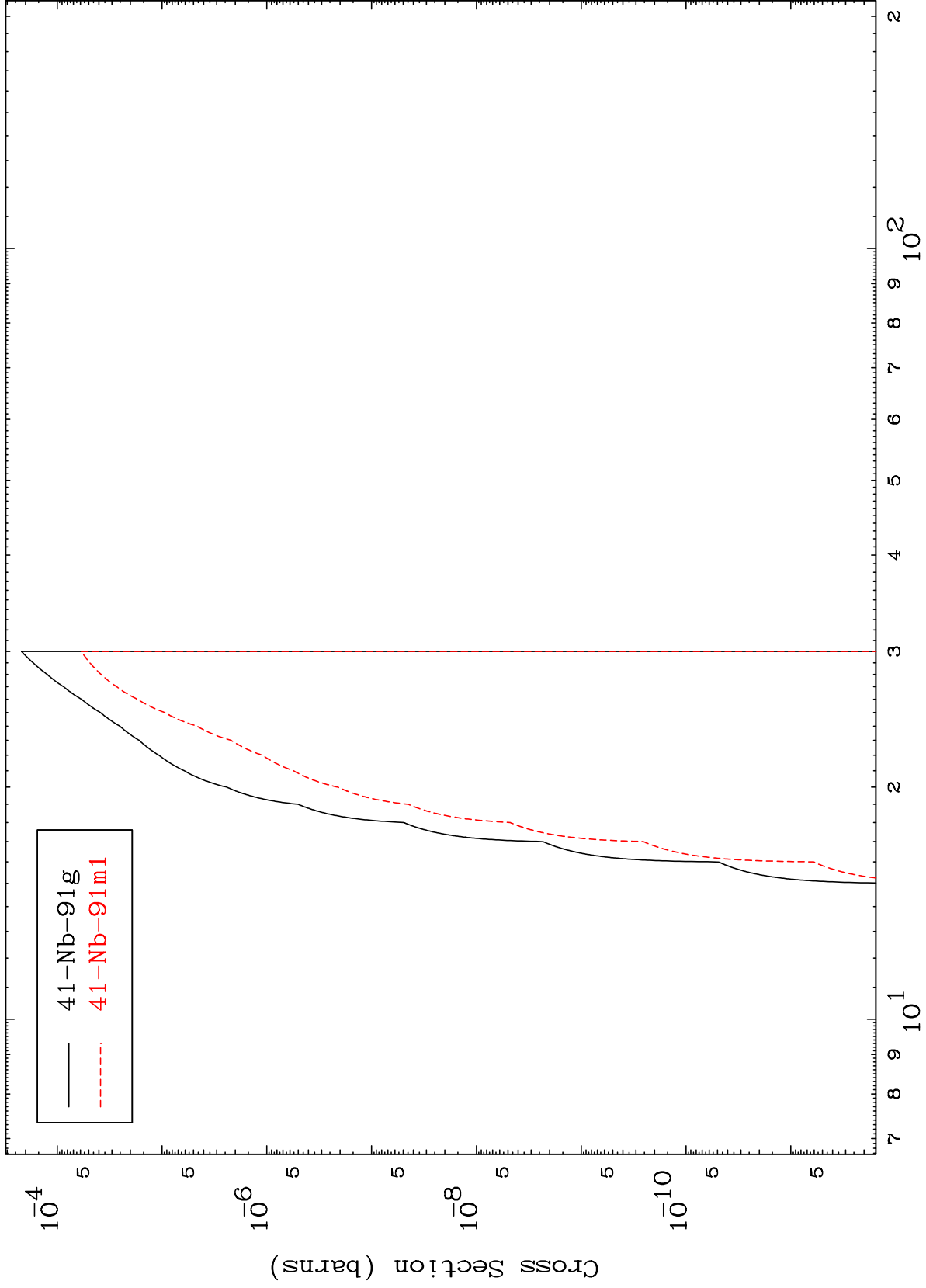
44-Ru-96

MAT 4425

(n,d)  $\alpha$

44-Ru-96

Radionuclide Production Cross Section



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44-Ru-96