

Program EVALPLOT  
(Version 2018-1)

by

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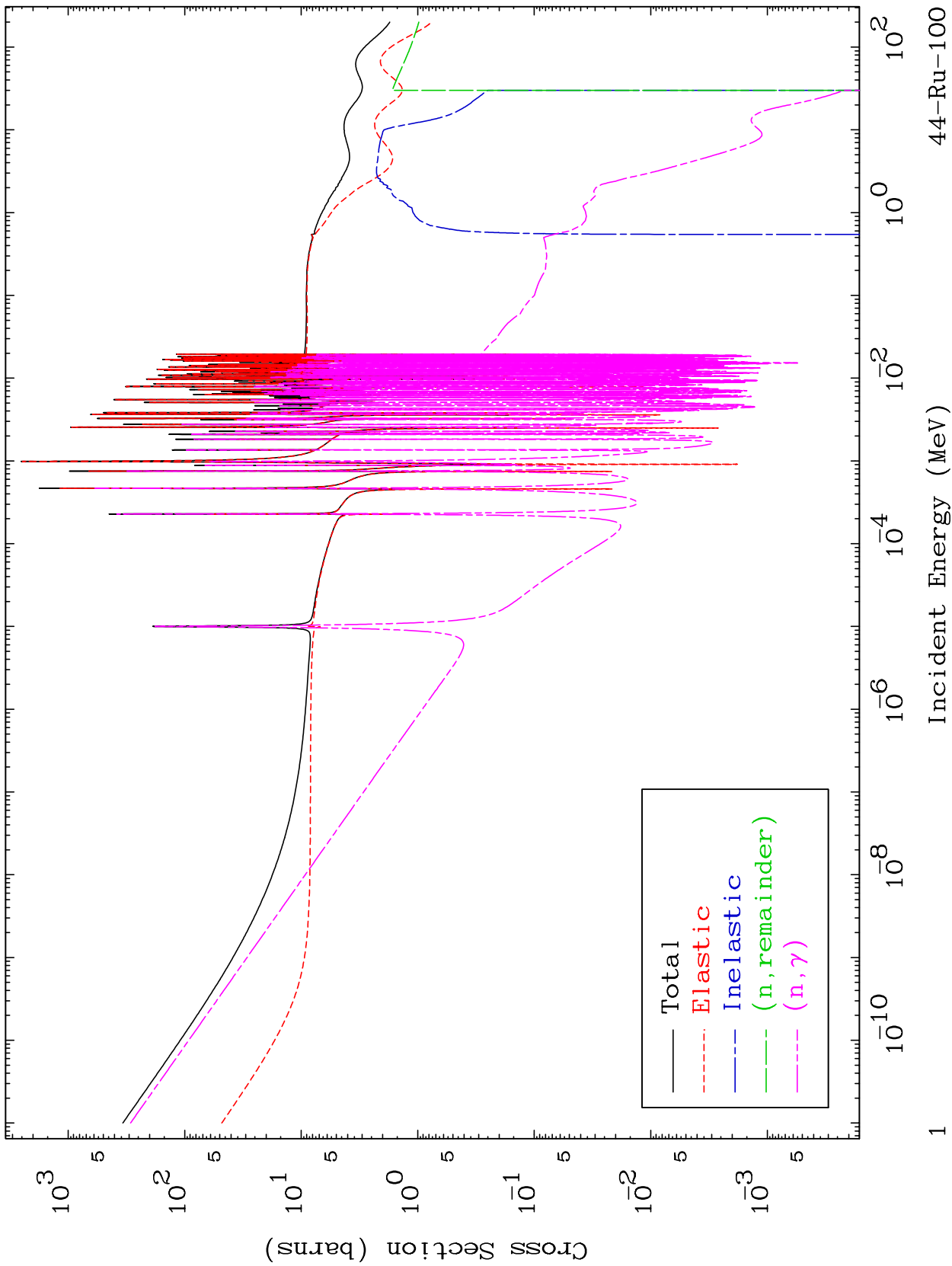
Press Mouse Button to Start

MAT 4437

Major

44-Ru-100

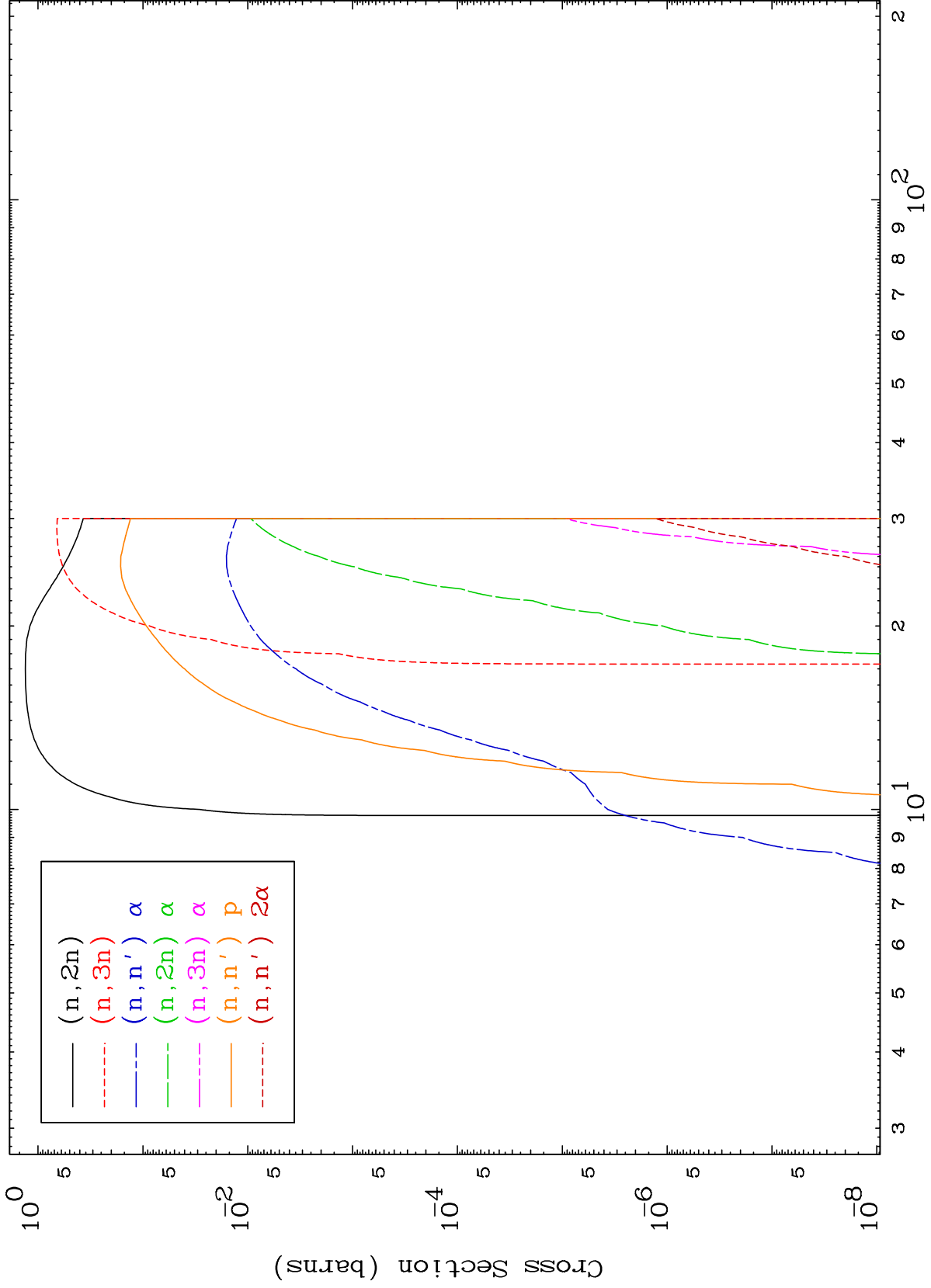
293 Kelvin Cross Sections

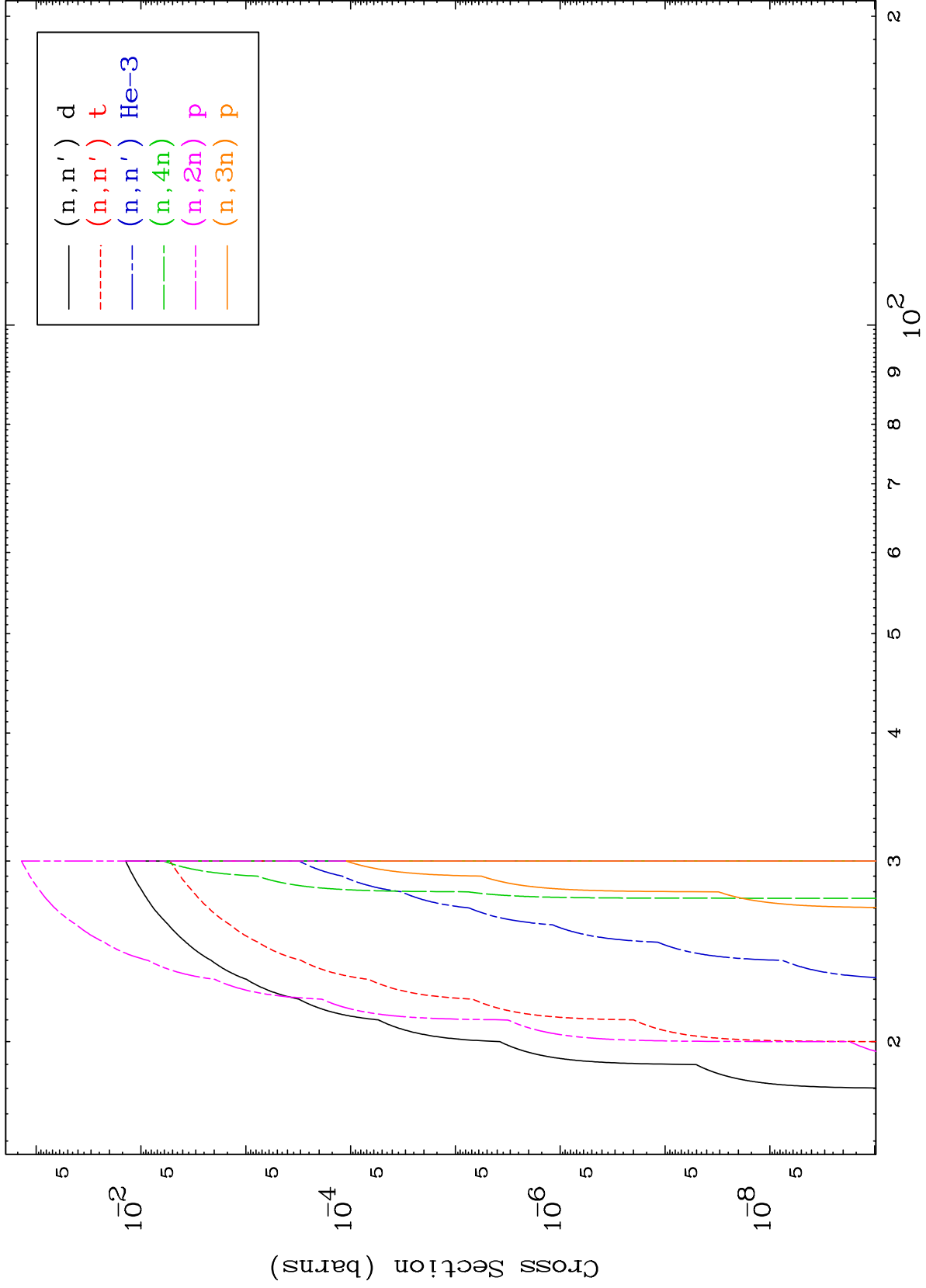


MAT 4437

Neutron Production  
293 Kelvin Cross Sections

44-Ru-100

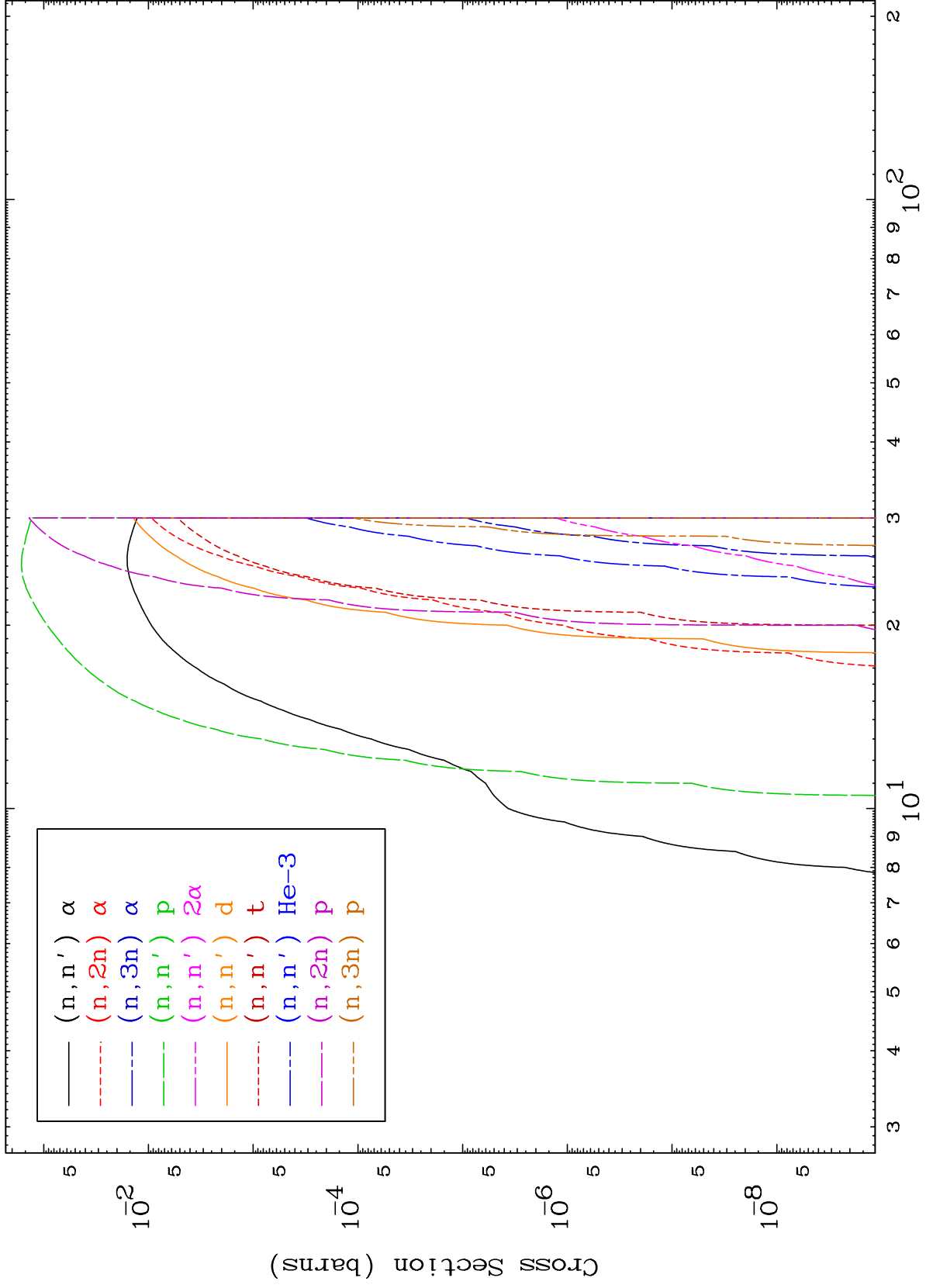




MAT 4437

Charged Particle  
293 Kelvin Cross Sections

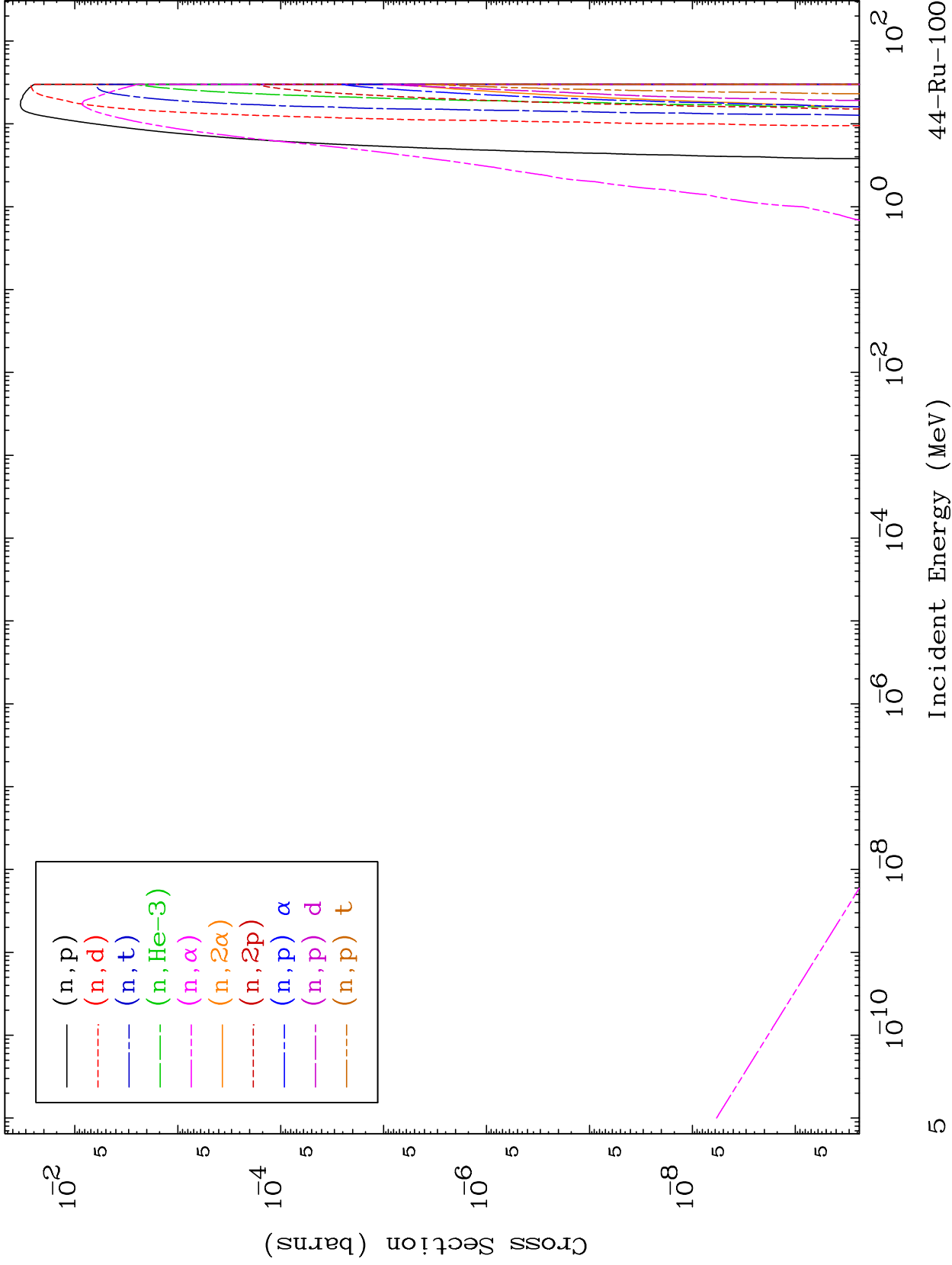
44-Ru-100



4

Incident Energy (MeV)

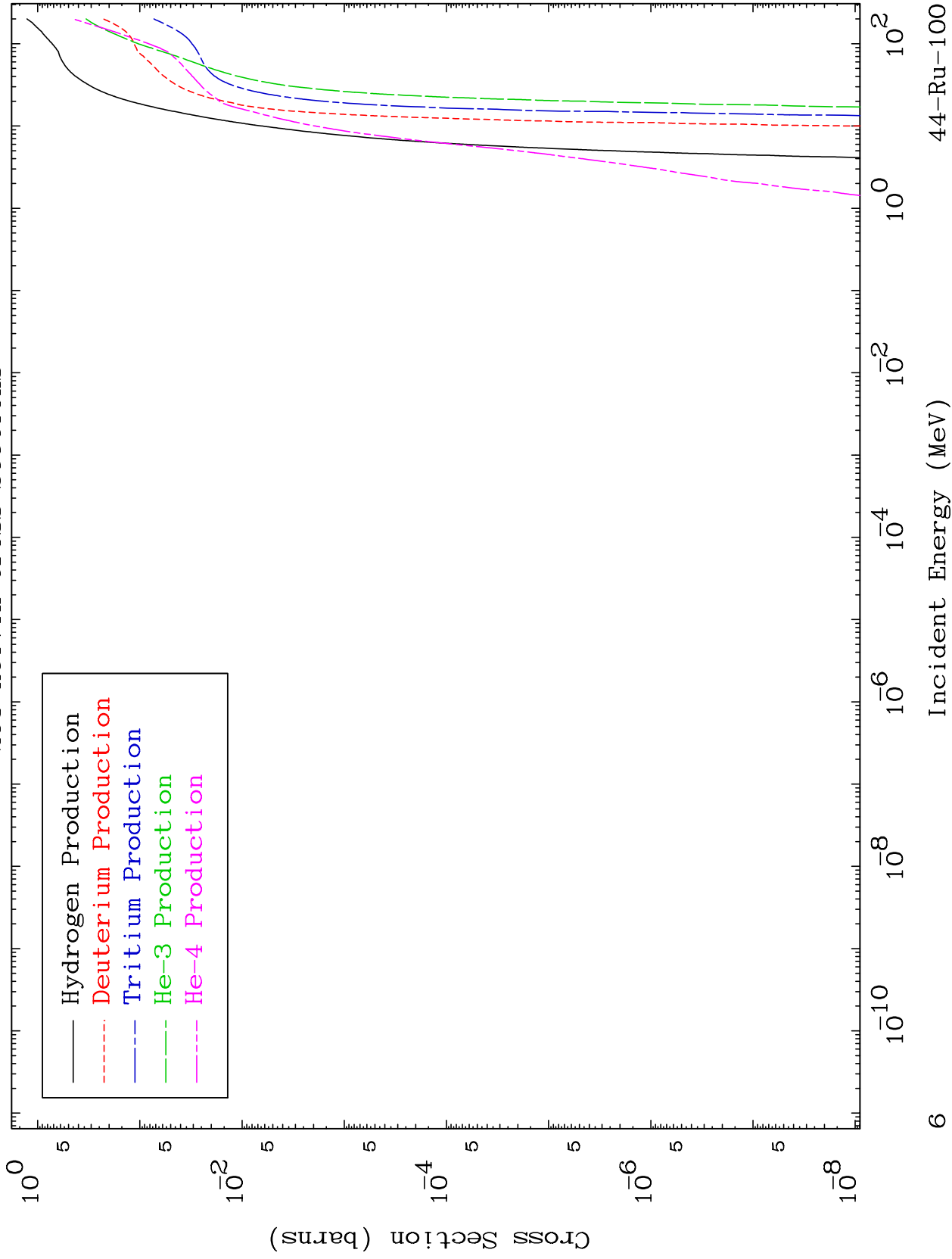
44-Ru-100



MAT 4437

Particle Production  
293 Kelvin Cross Sections

44-Ru-100

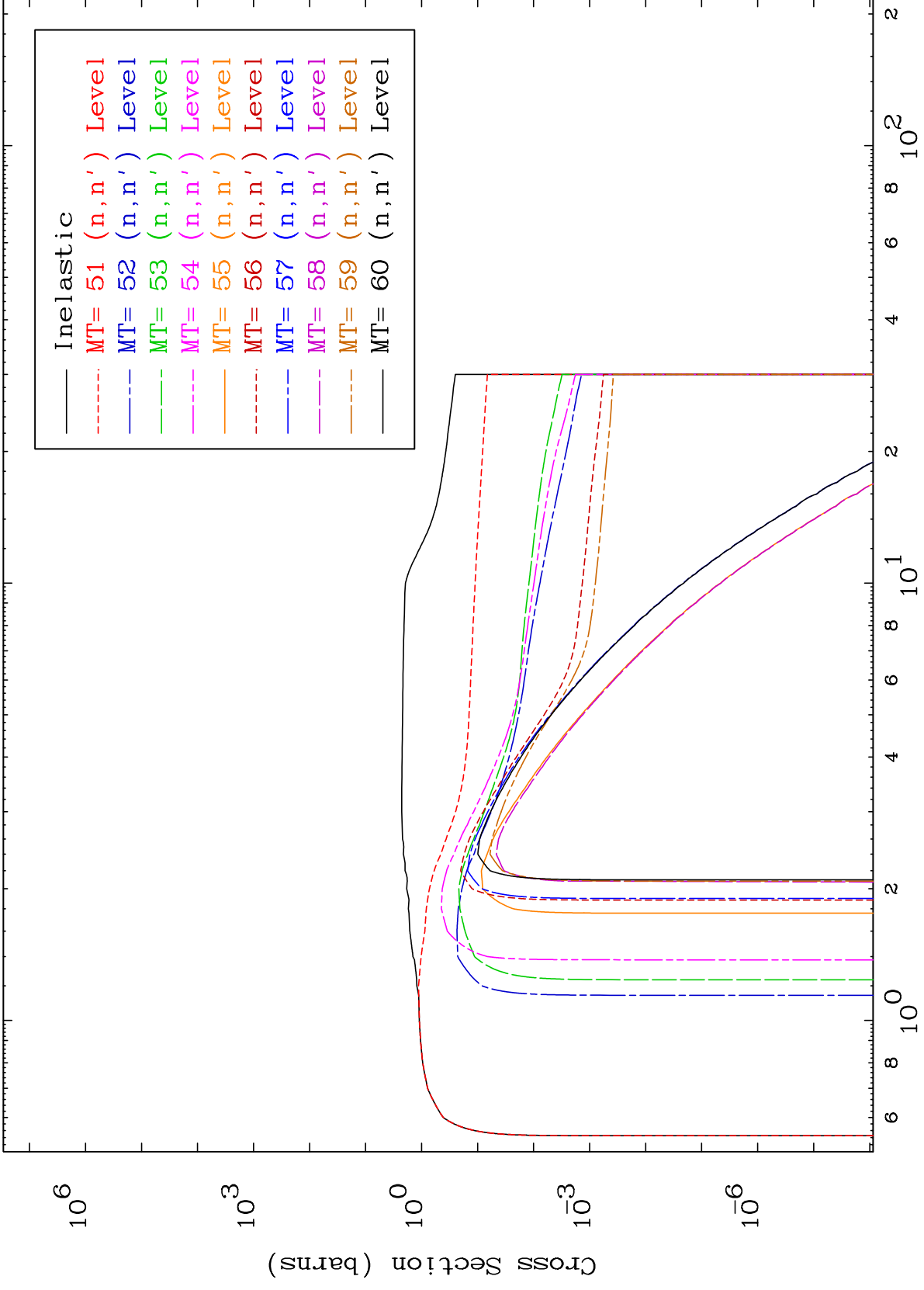


MAT 4437

(n,n') Level

44-Ru-100

293 Kelvin Cross Sections



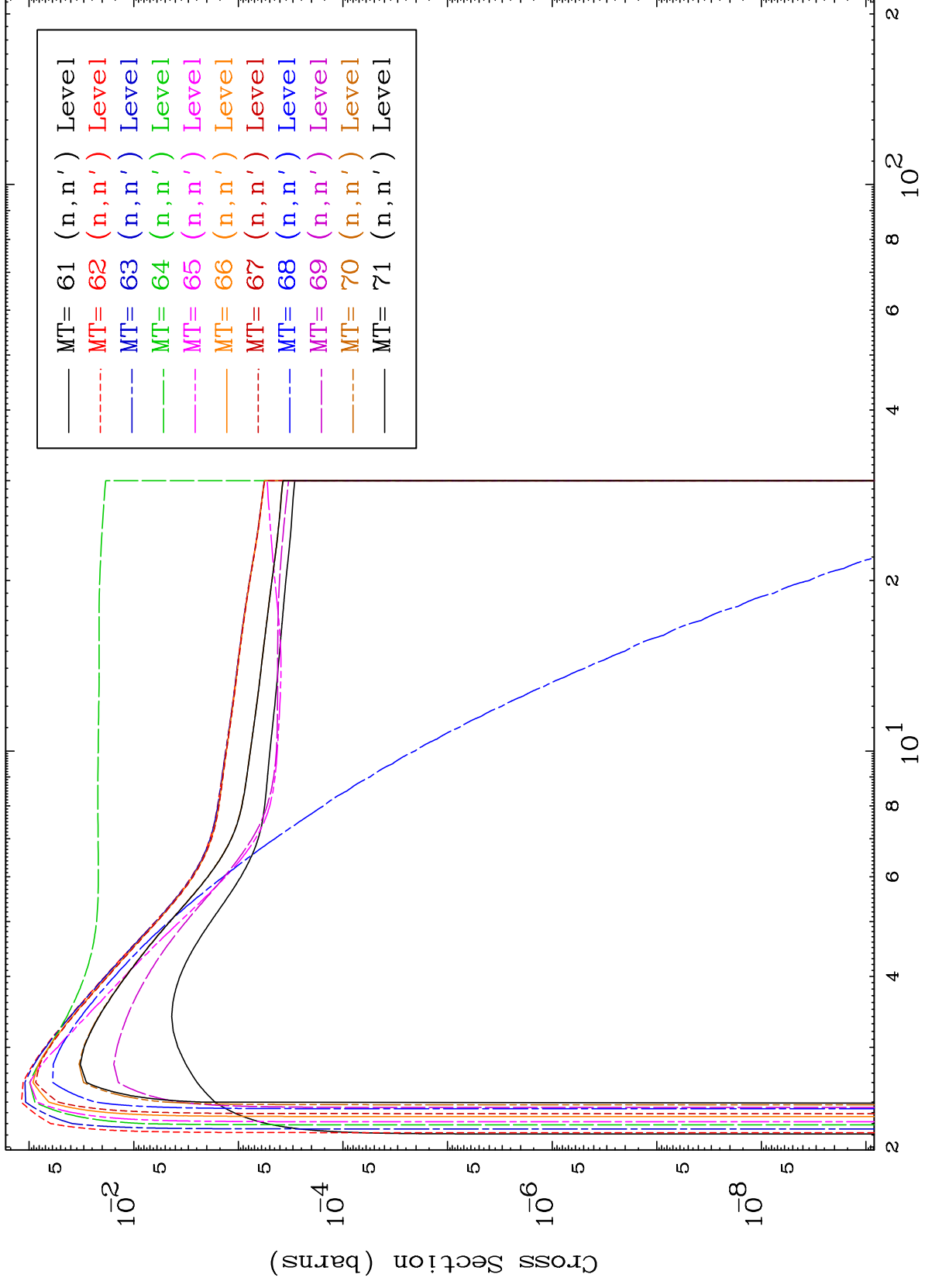


MAT 4437

(n,n') Level

44-Ru-100

293 Kelvin Cross Sections



8

Incident Energy (MeV)

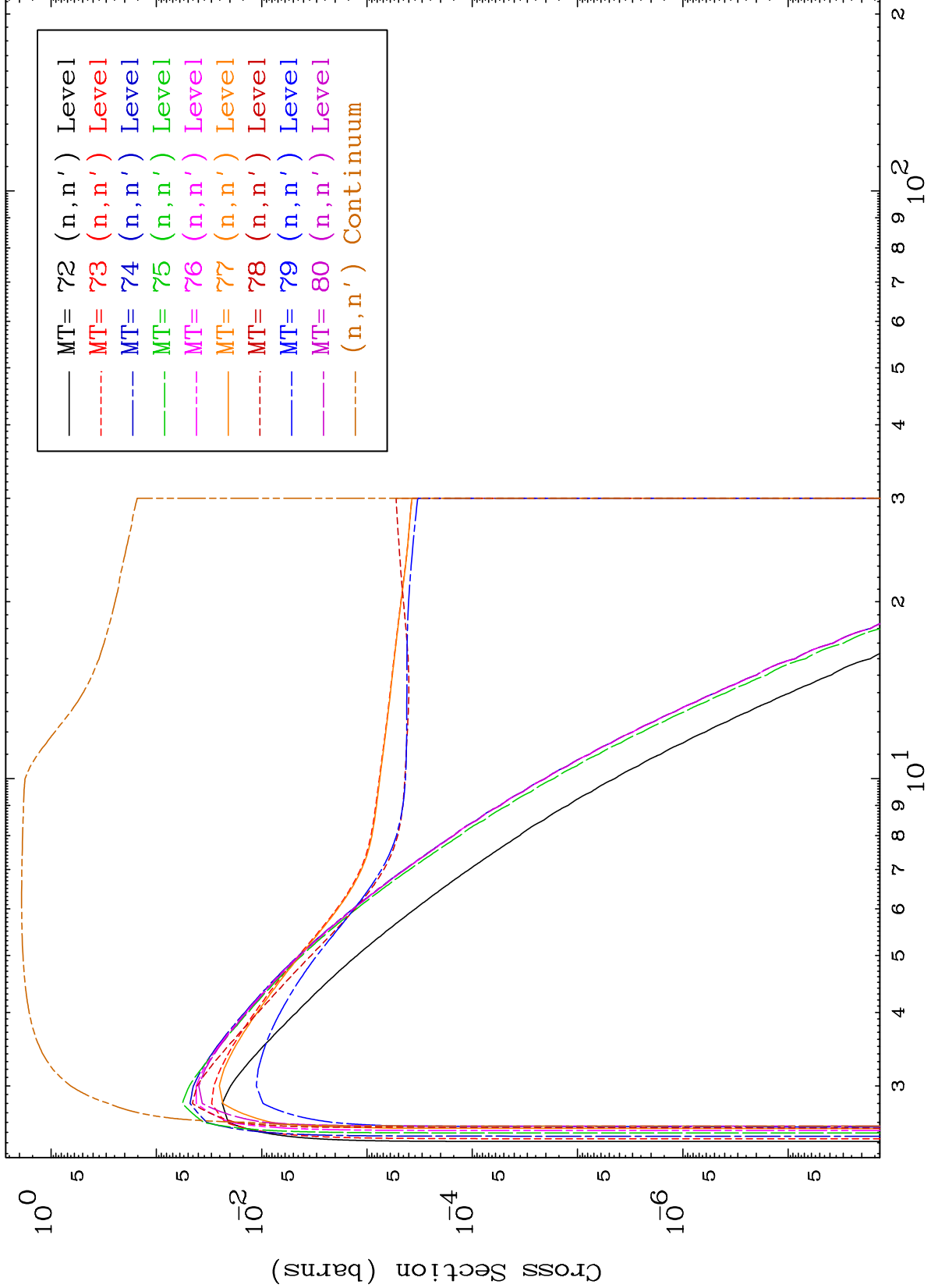
44-Ru-100

MAT 4437

(n,n') Level

44-Ru-100

293 Kelvin Cross Sections



9

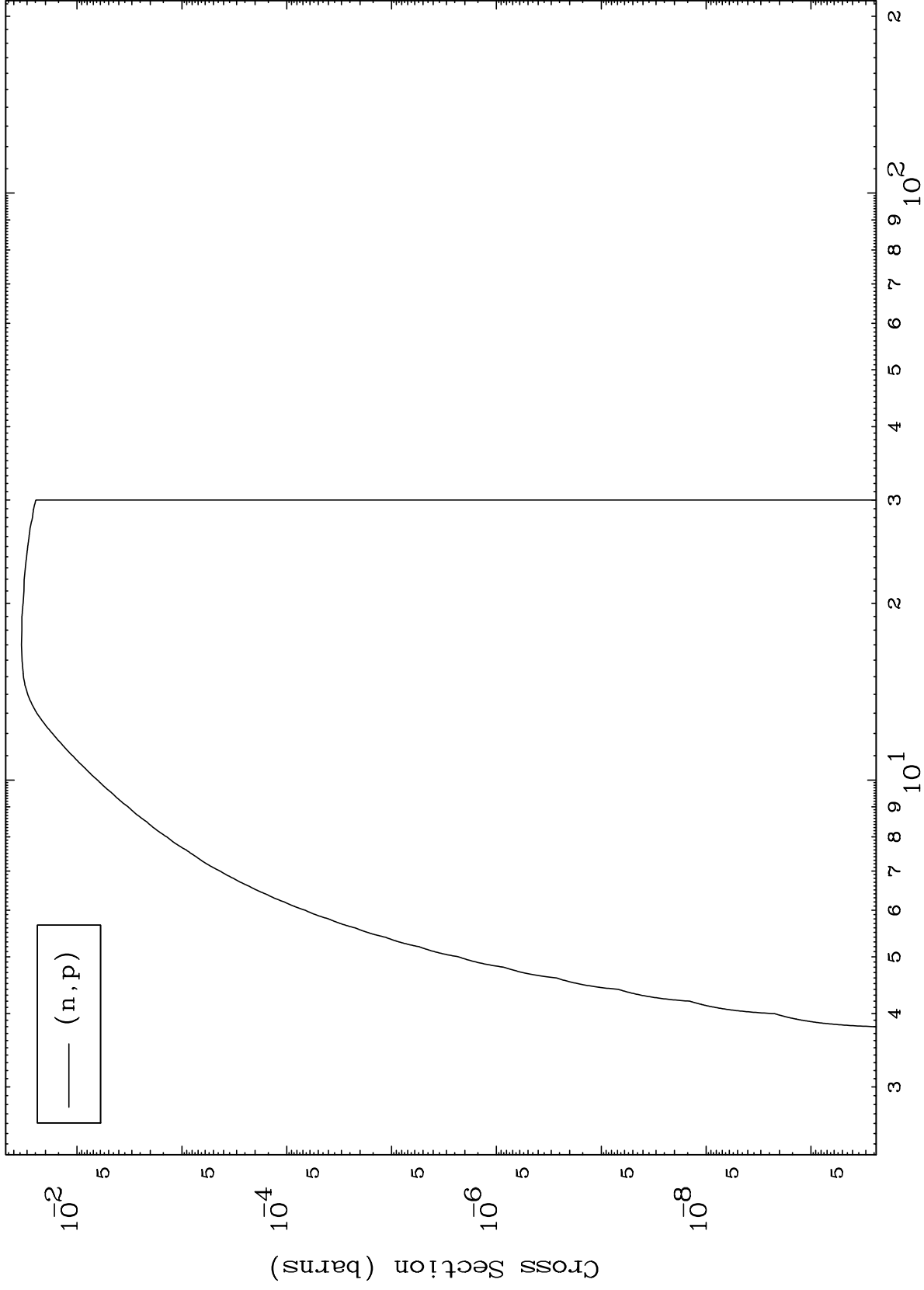
Incident Energy (MeV)

44-Ru-100

MAT 4437

(n,p) Levels  
293 Kelvin Cross Sections

44-Ru-100



10

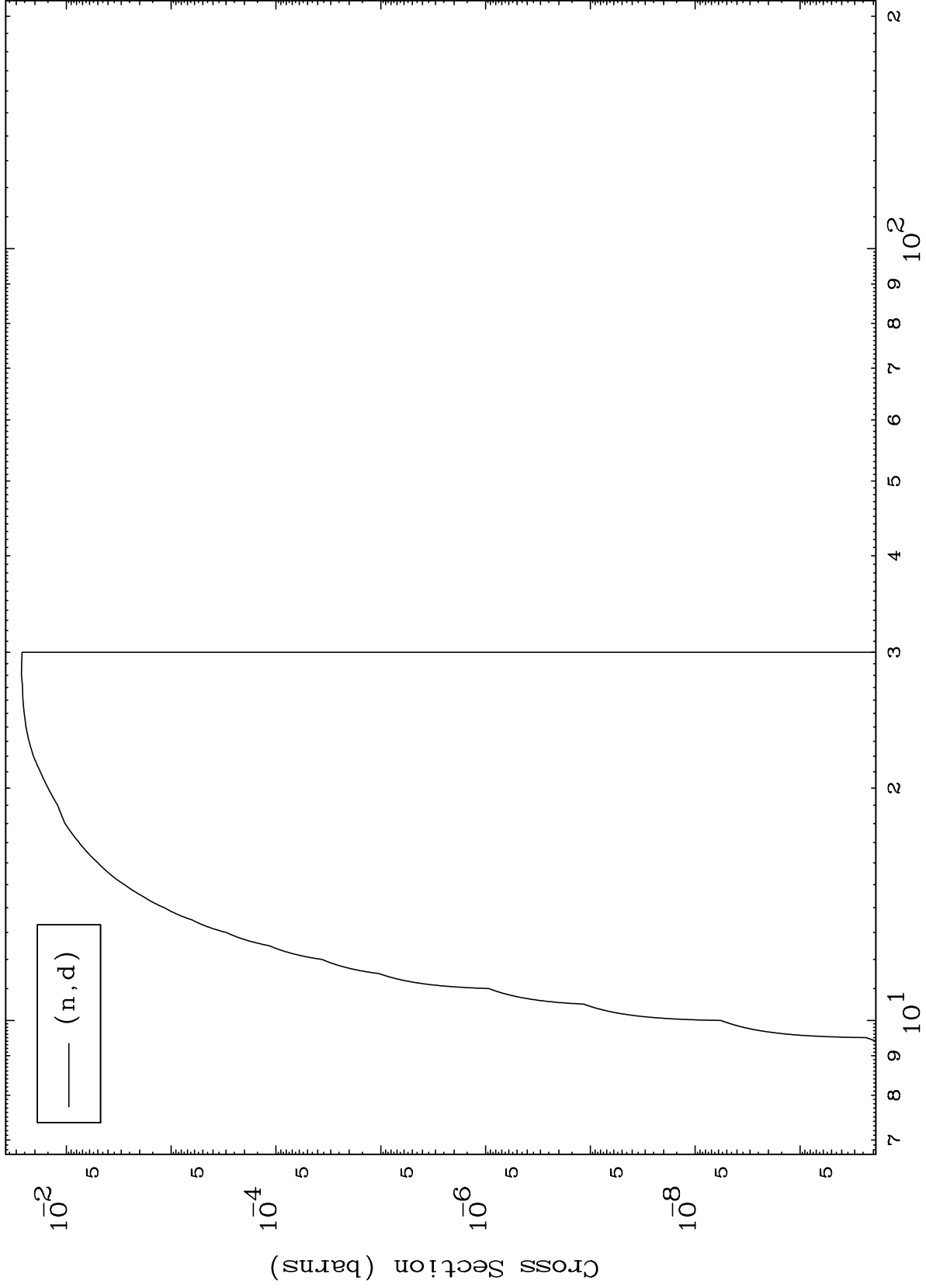
Incident Energy (MeV)

44-Ru-100

MAT 4437

(n,d) Levels  
293 Kelvin Cross Sections

44-Ru-100



11

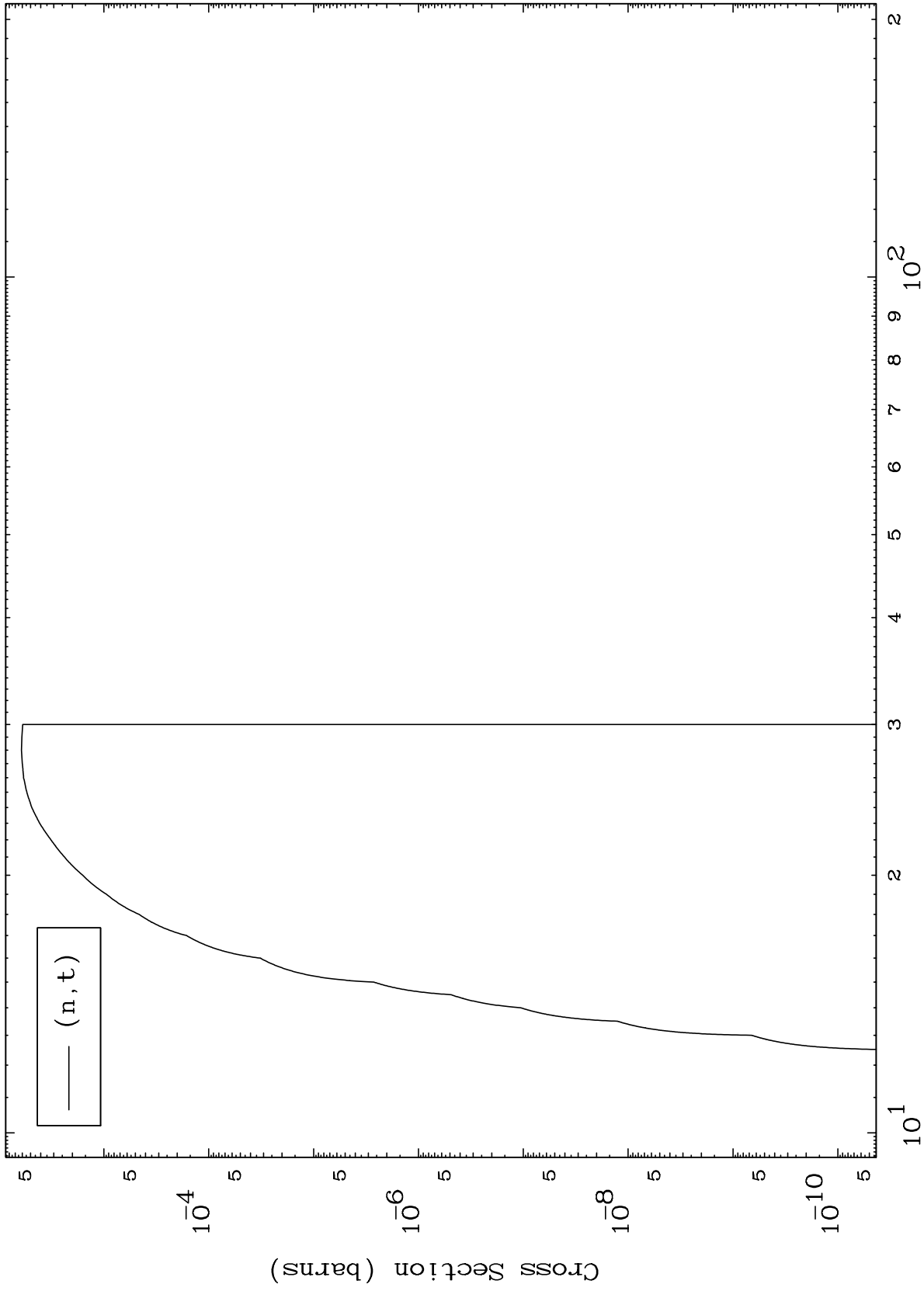
Incident Energy (MeV)

44-Ru-100

MAT 4437

(n,t) Levels  
293 Kelvin Cross Sections

44-Ru-100



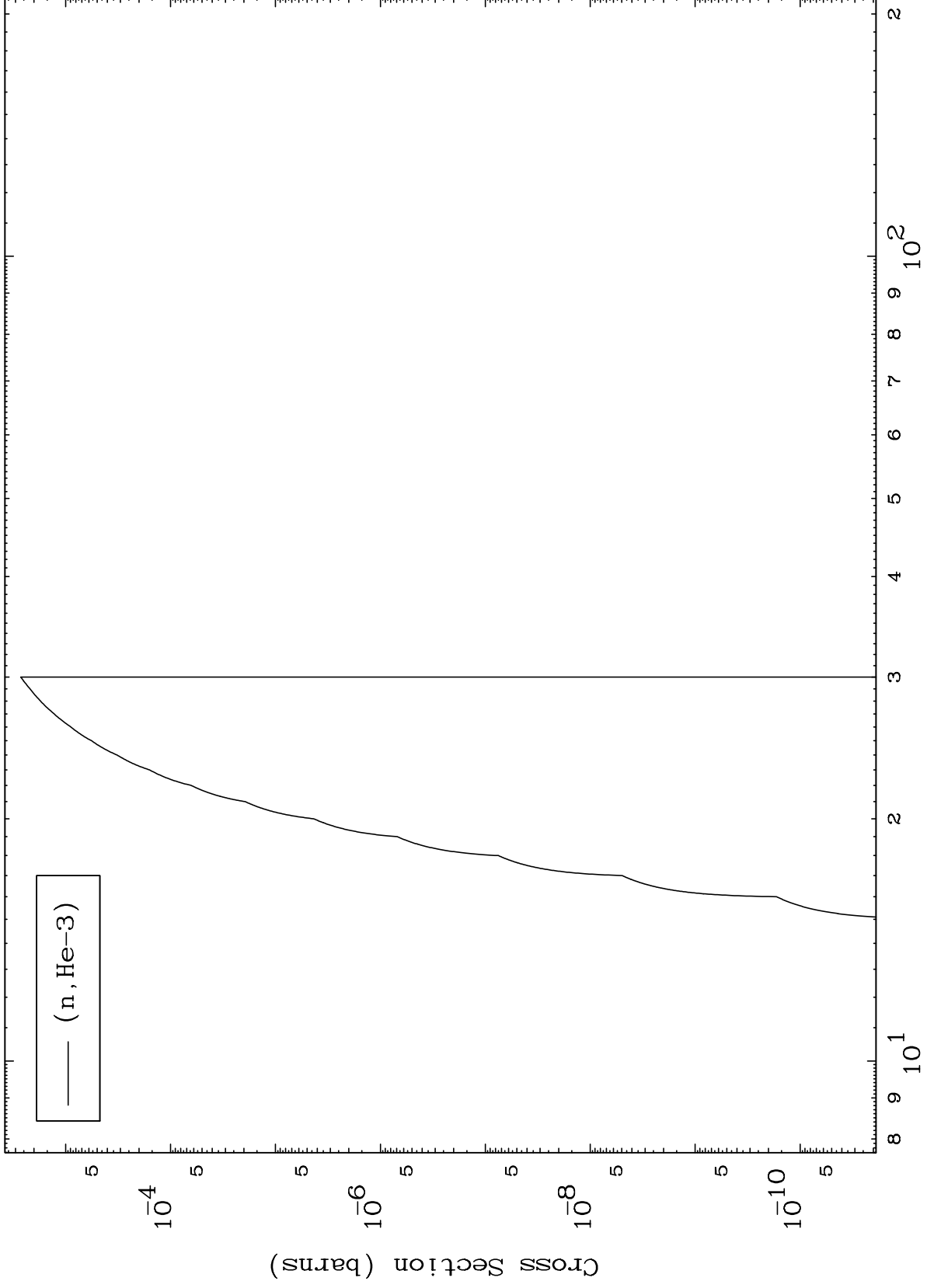
Incident Energy (MeV)

44-Ru-100

MAT 4437

(n,He3) Levels  
293 Kelvin Cross Sections

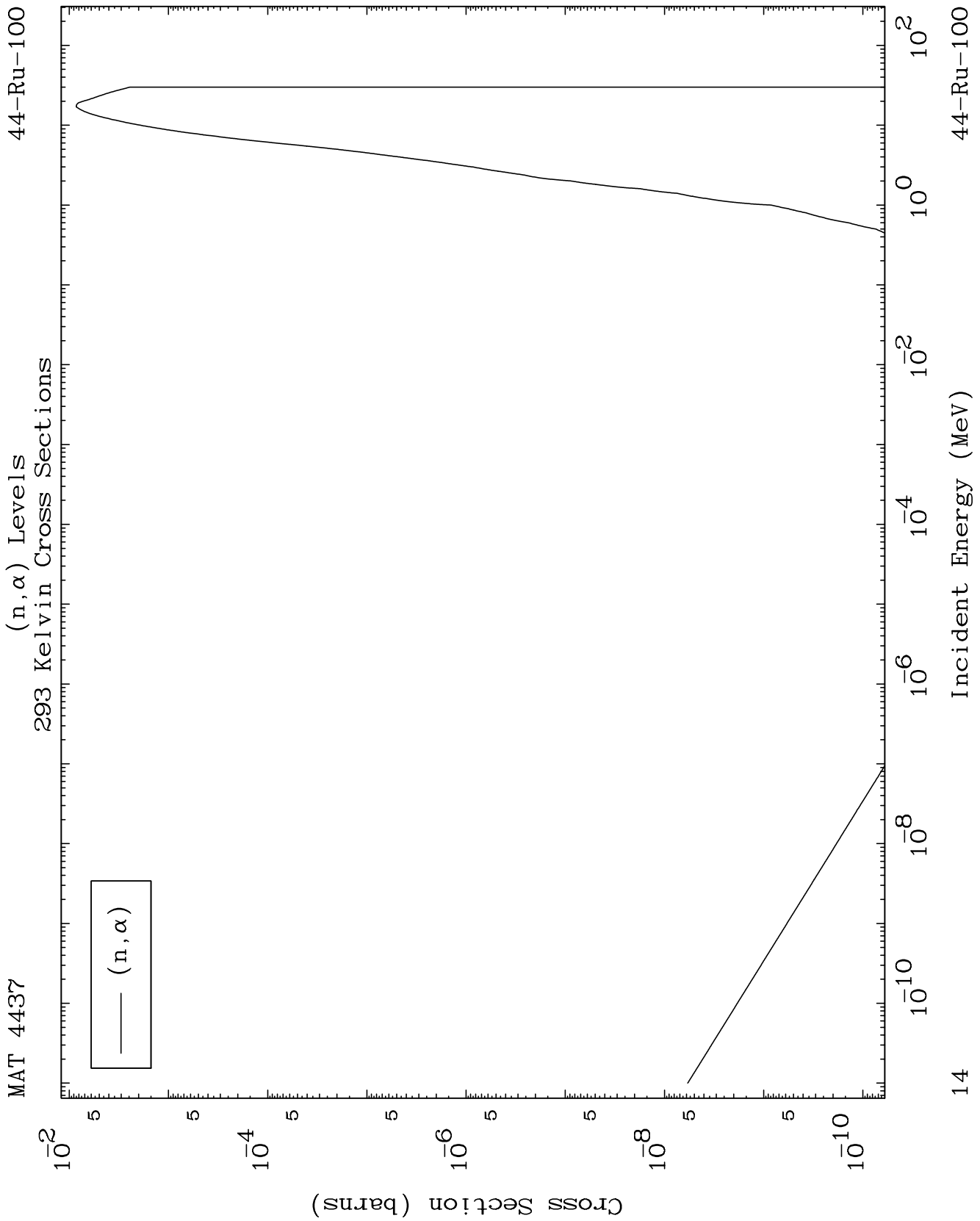
44-Ru-100

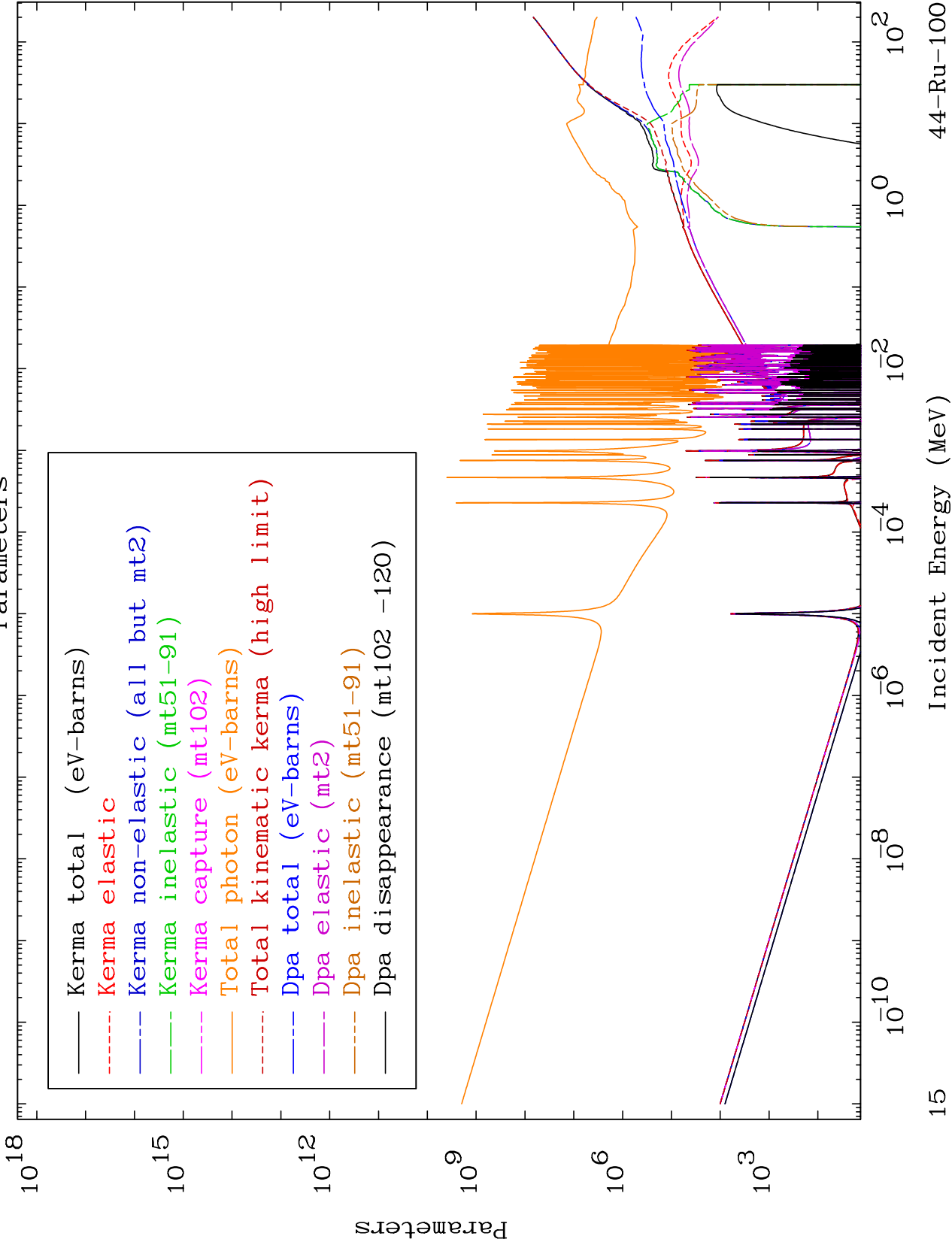


13

Incident Energy (MeV)

44-Ru-100



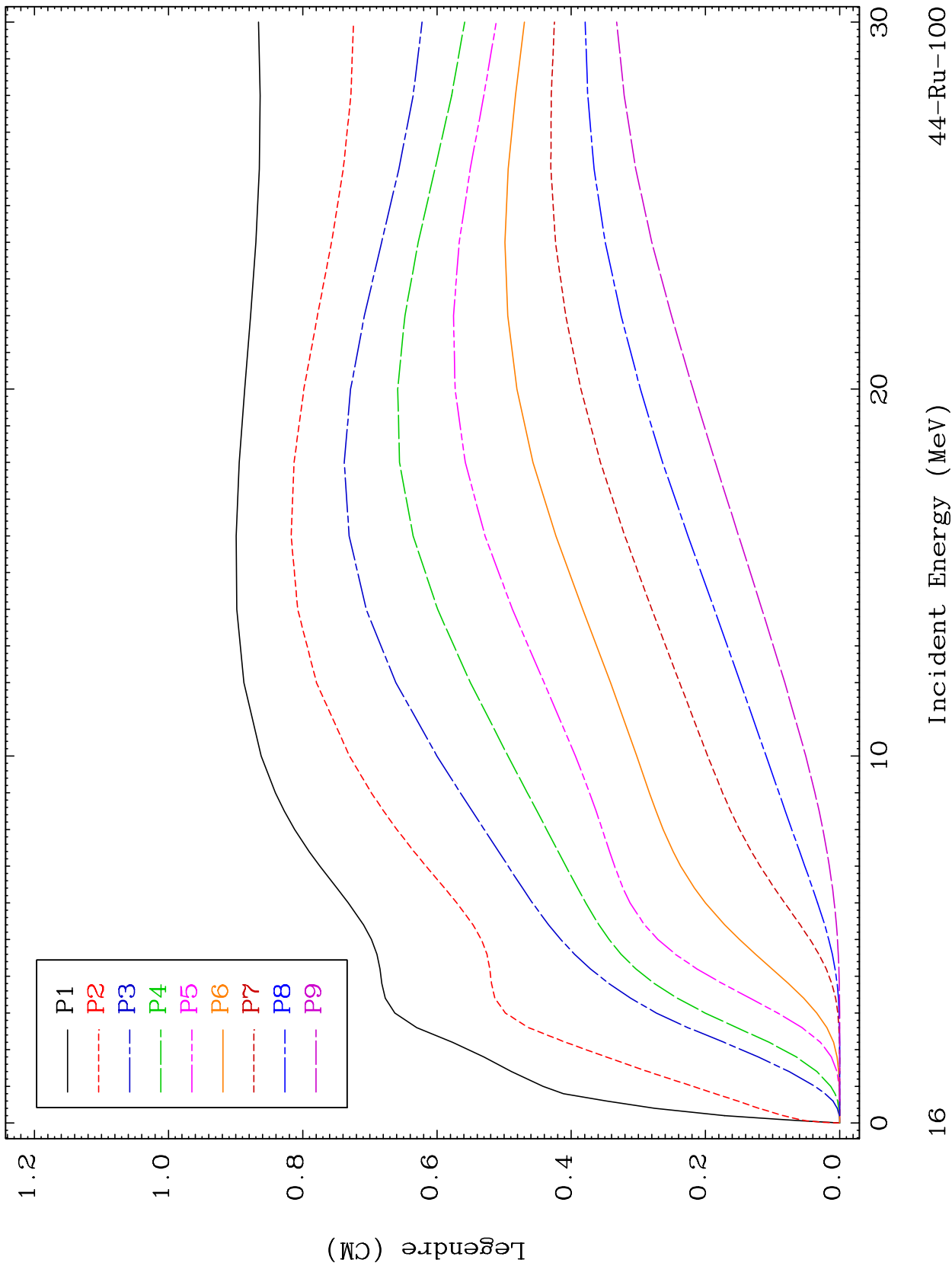




MAT 4437

Elastic Legendre Coefficients

44-Ru-100



16

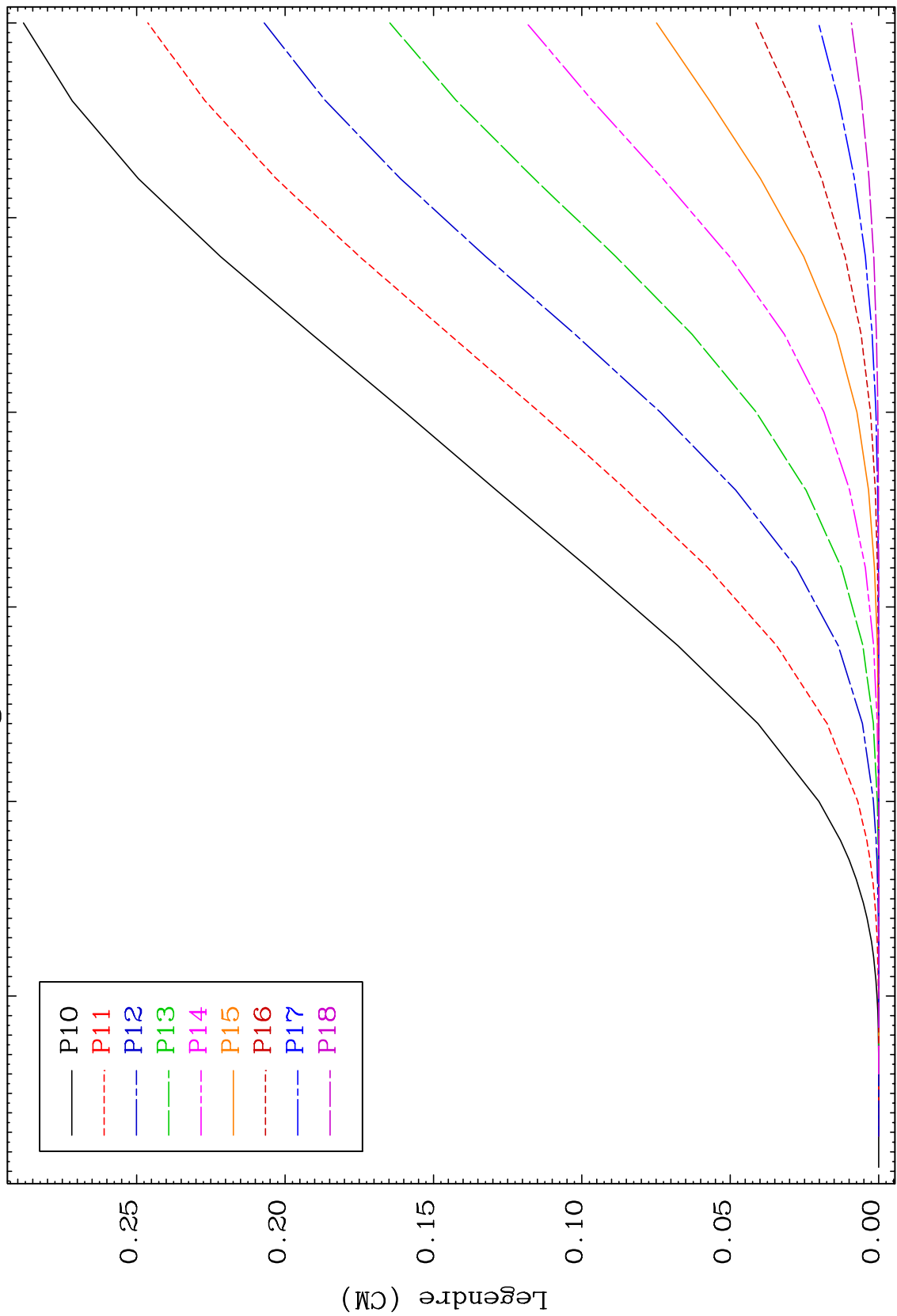
Incident Energy (MeV)

44-Ru-100

MAT 4437

Elastic  
Legendre Coefficients

44-Ru-100



17

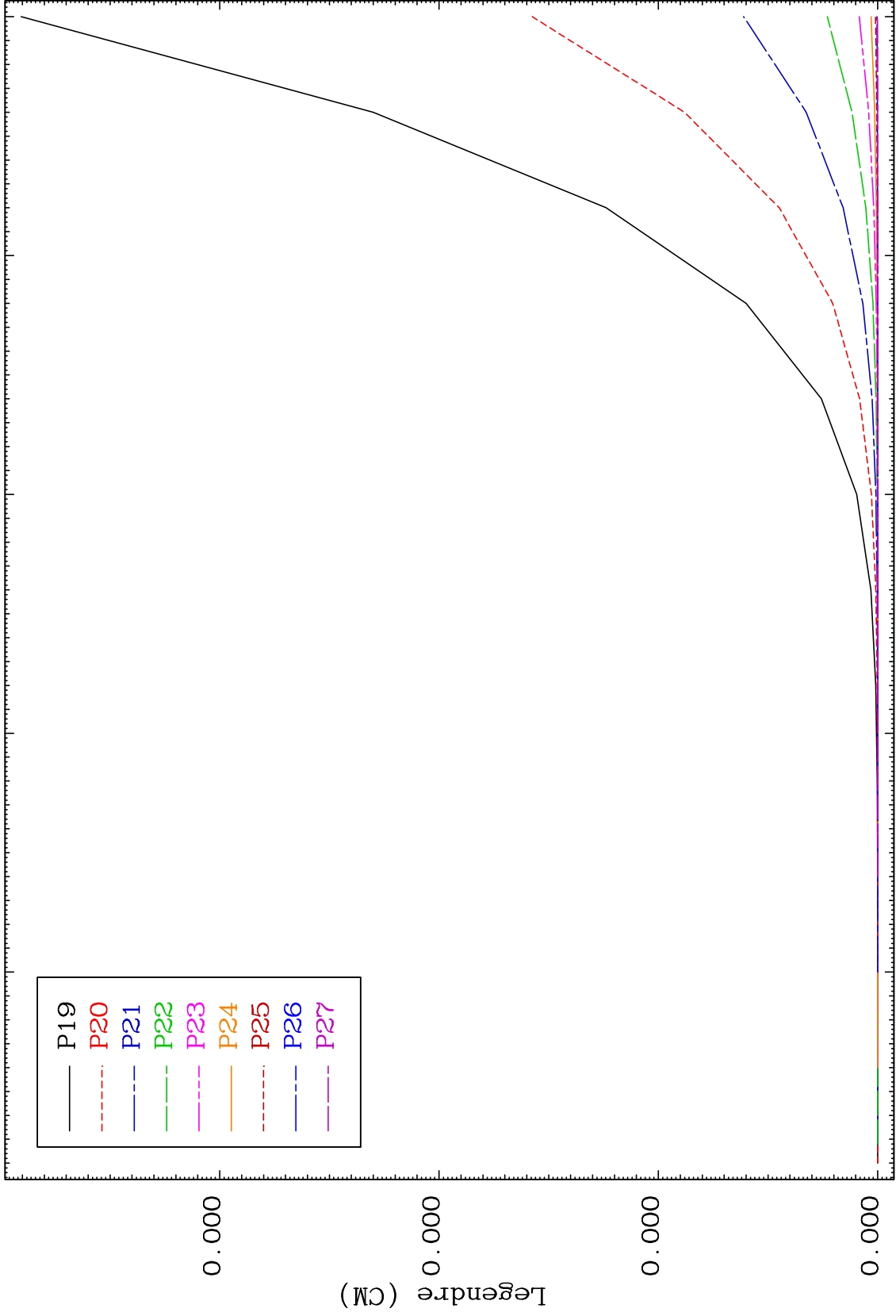
Incident Energy (MeV)

44-Ru-100

MAT 4437

Elastic Legendre Coefficients

44-Ru-100



18

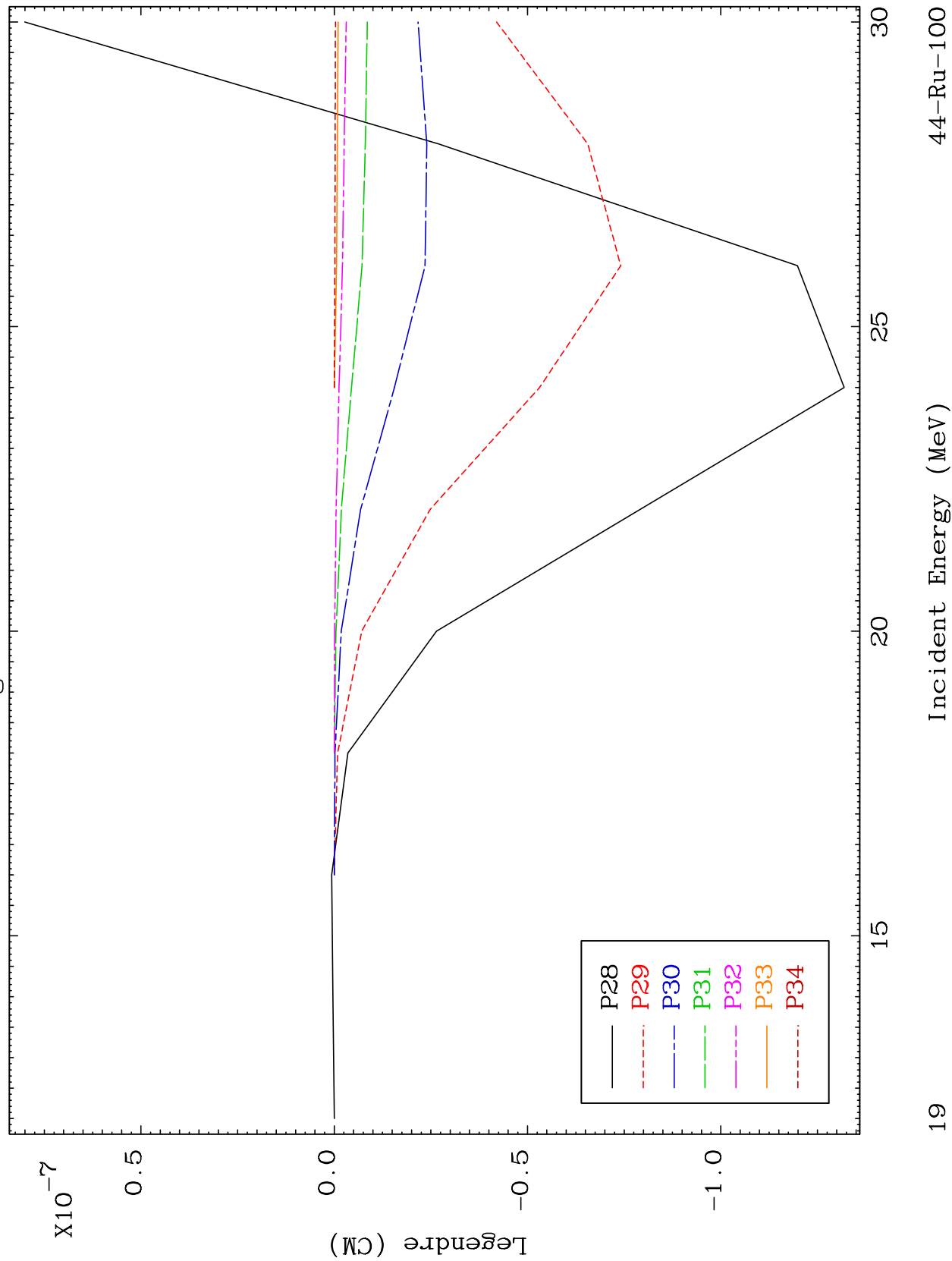
Incident Energy (MeV)

44-Ru-100

MAT 4437

Elastic Legendre Coefficients

44-Ru-100



19

Incident Energy (MeV)

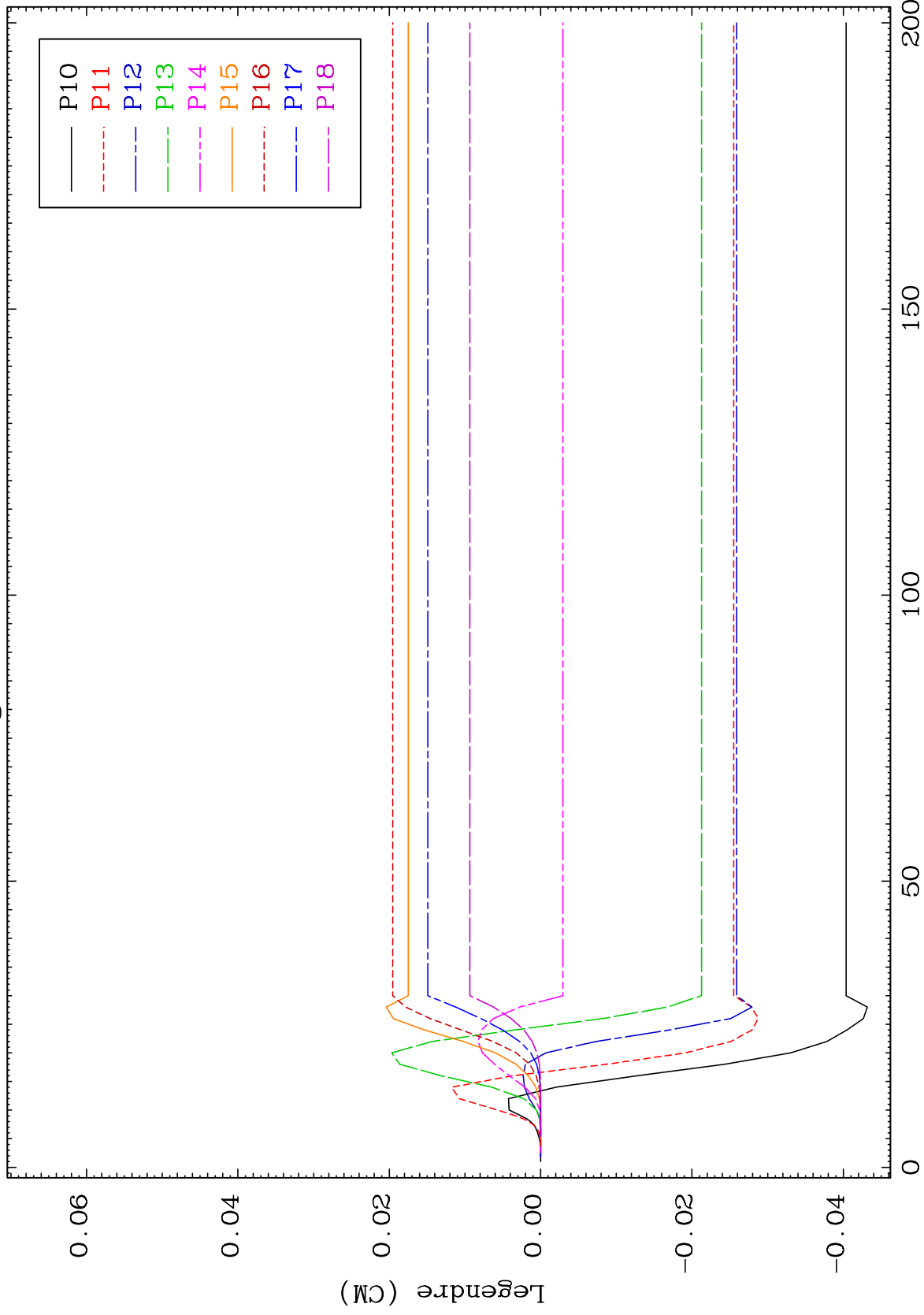
44-Ru-100



MAT 4437

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

44-Ru-100



21

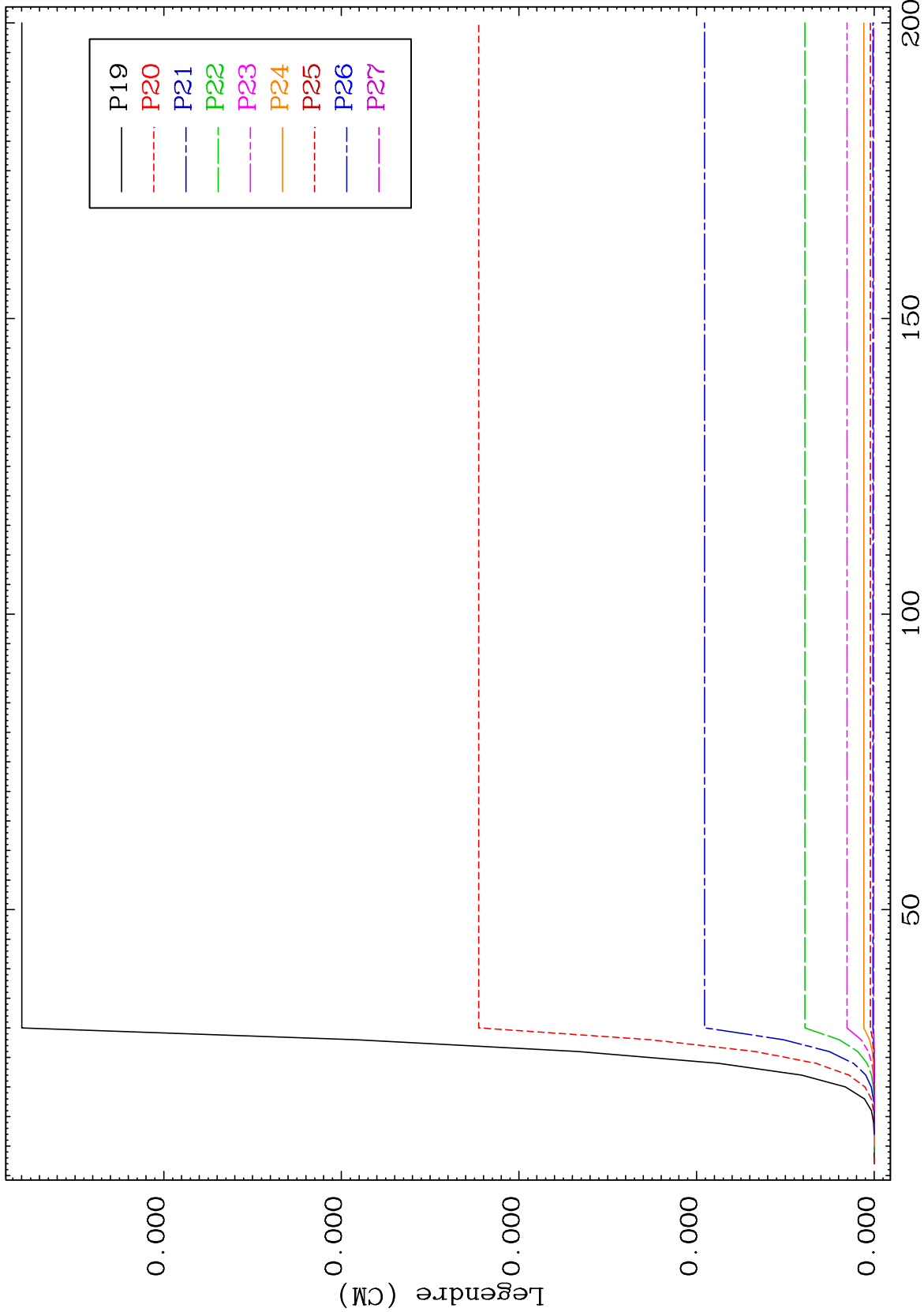
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



22

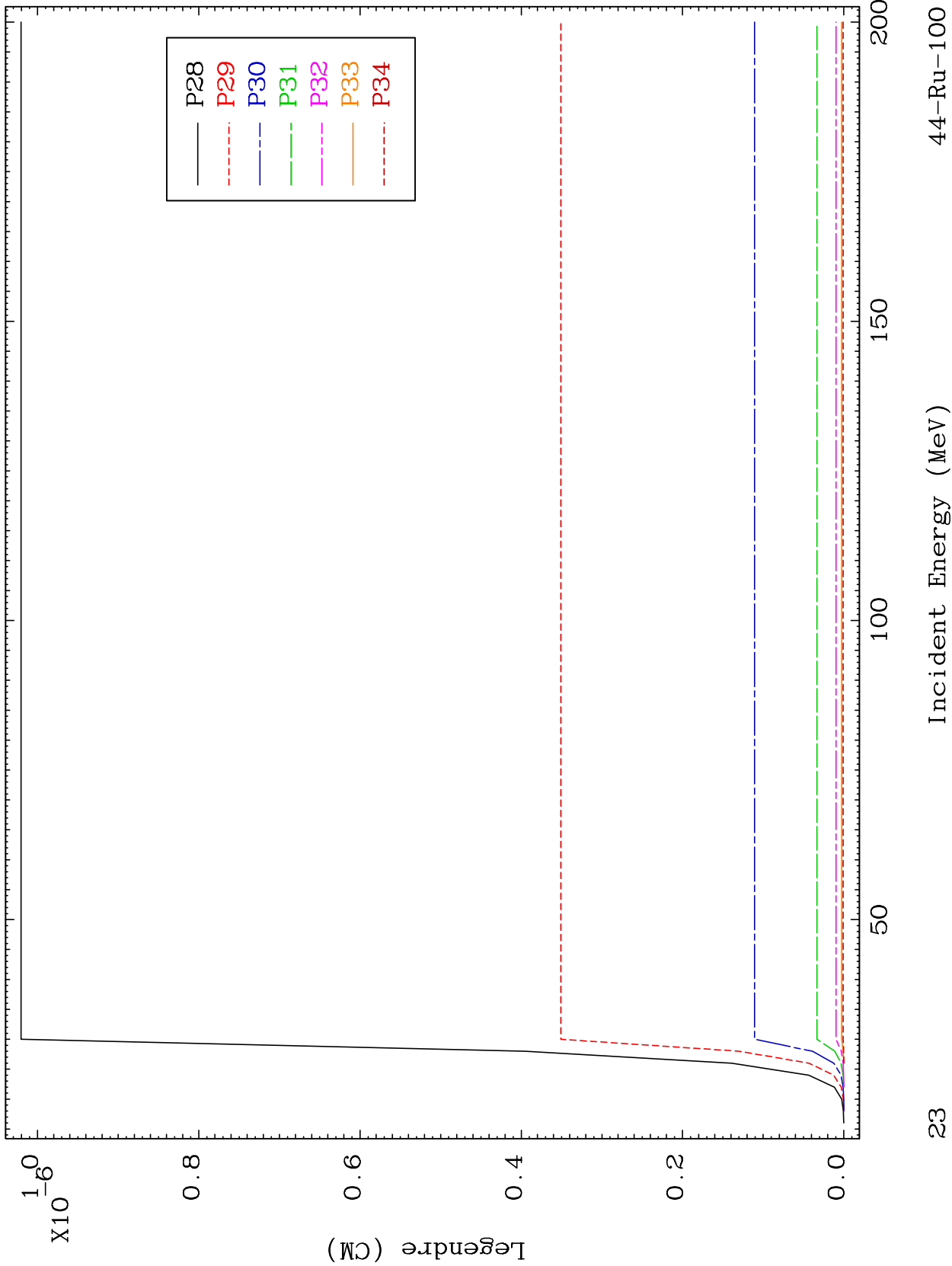
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



23

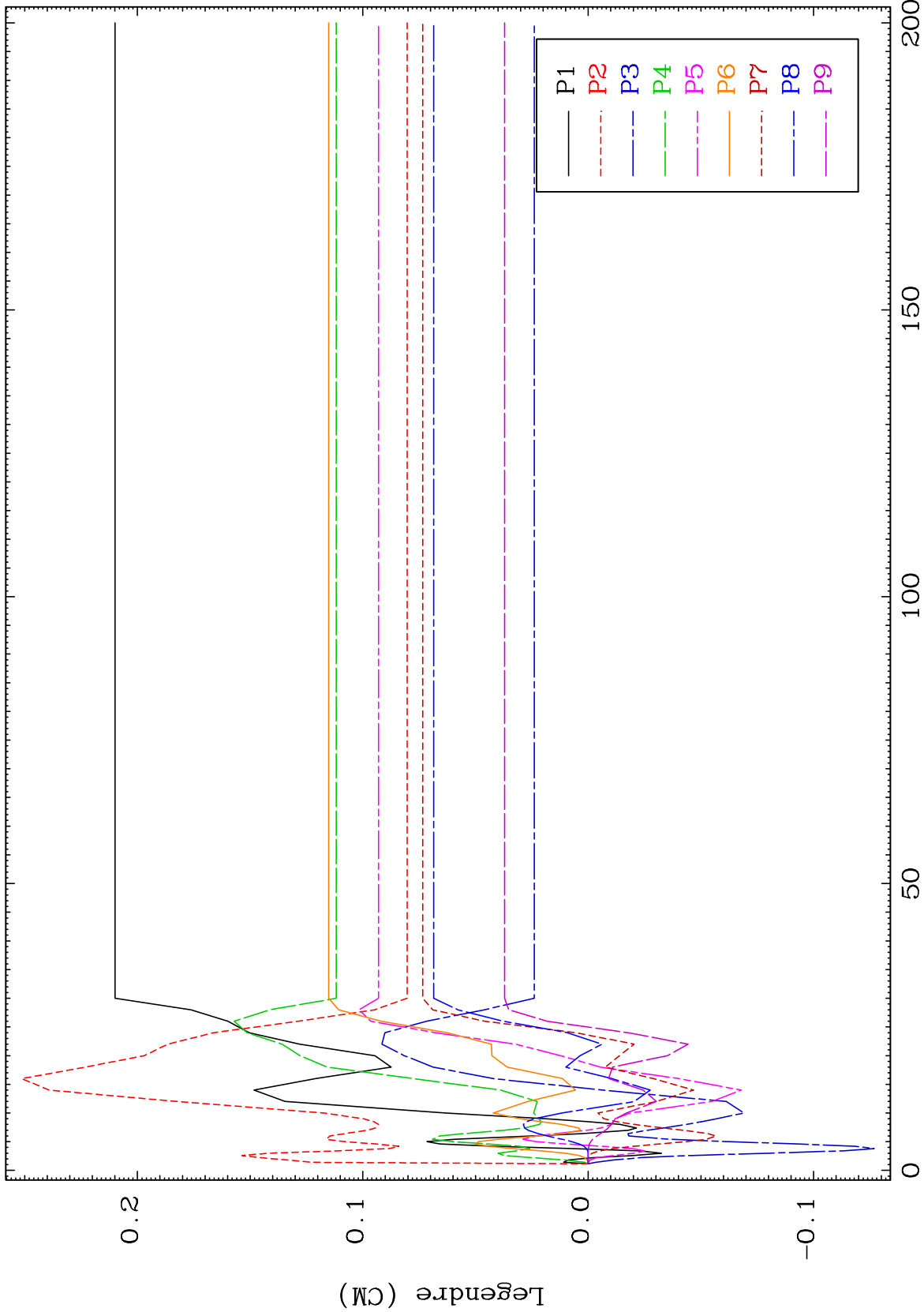
44-Ru-100



MAT 4437

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

44-Ru-100



24

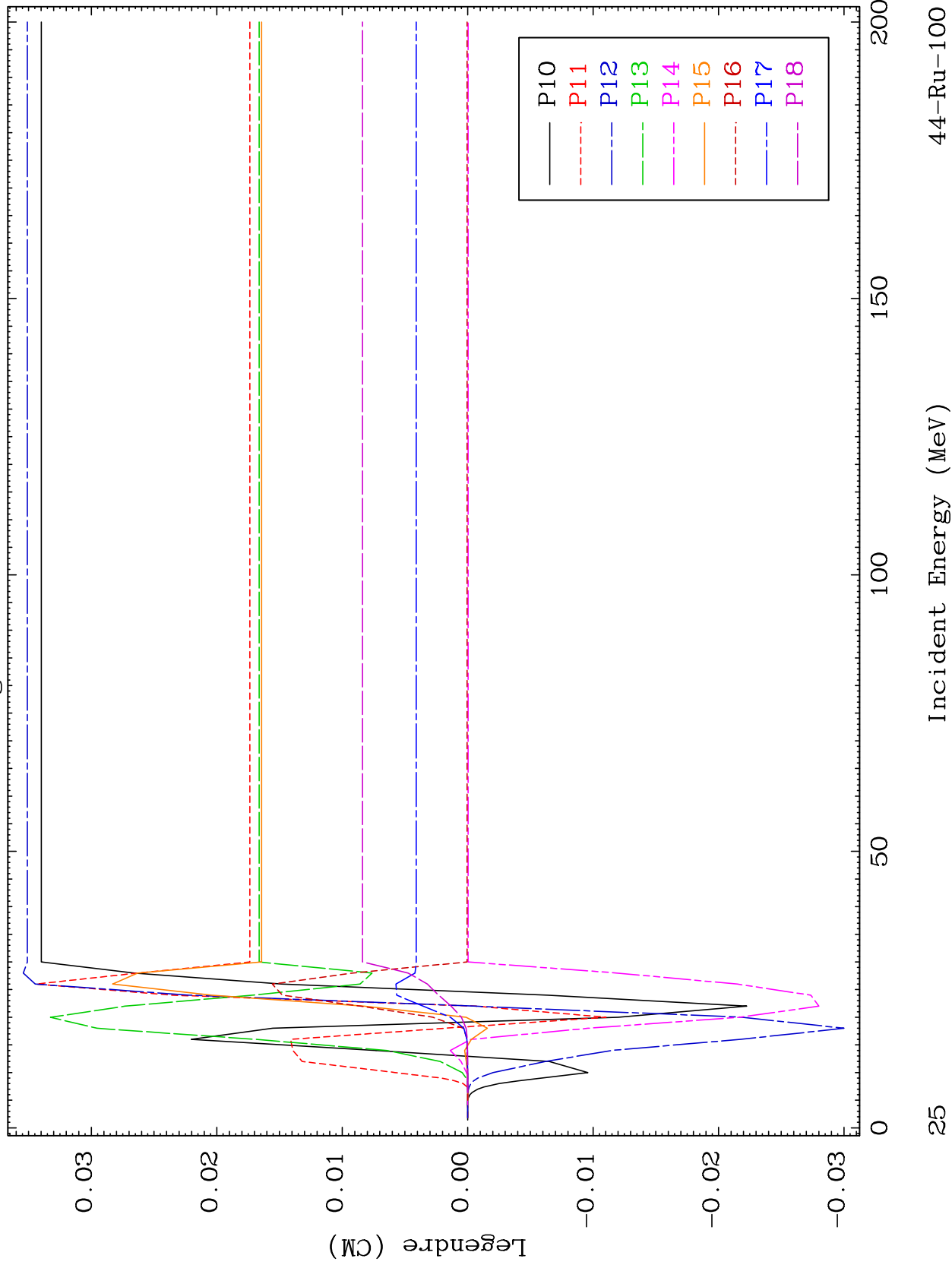
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

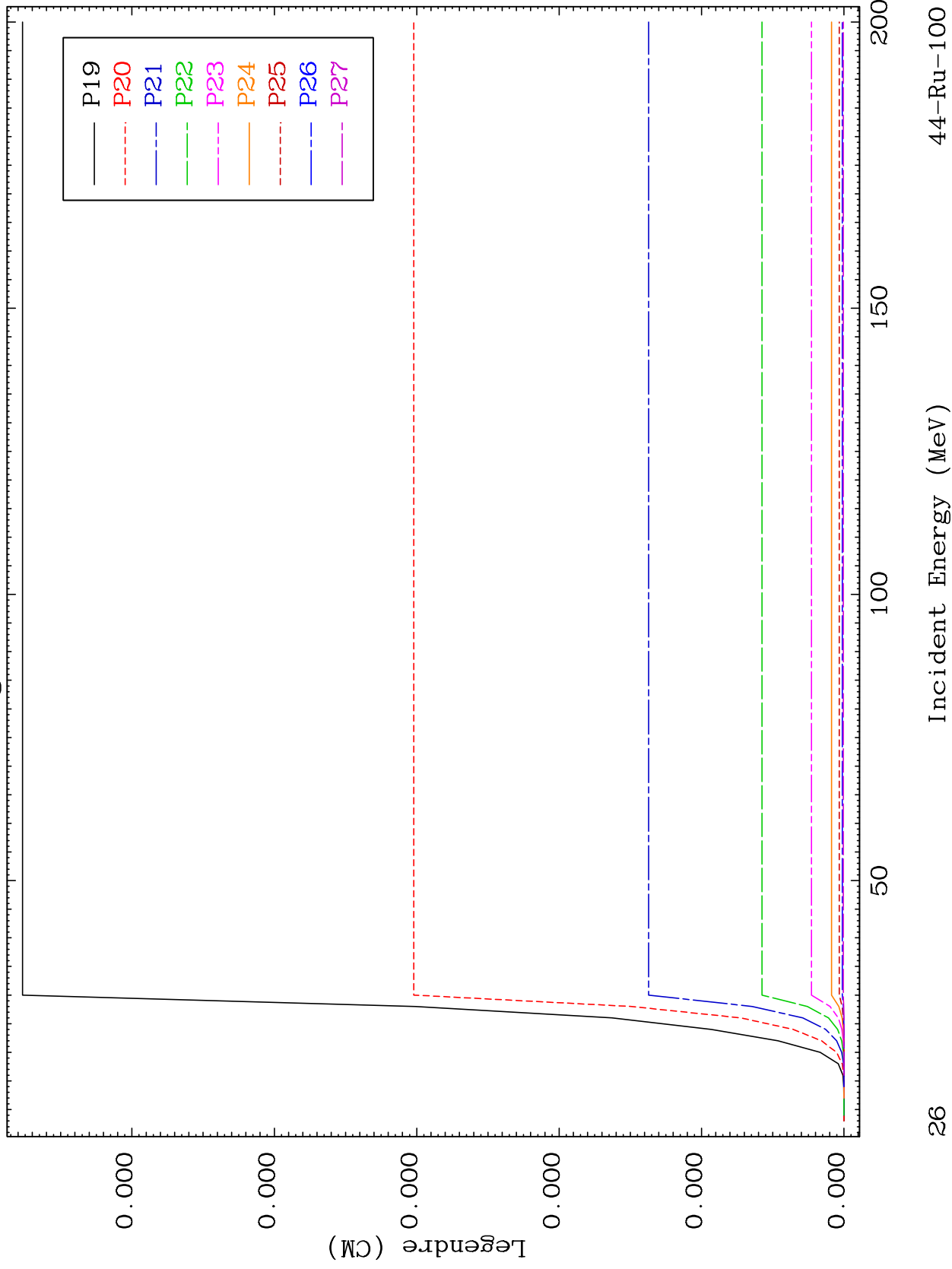
44-Ru-100



MAT 4437

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

44-Ru-100

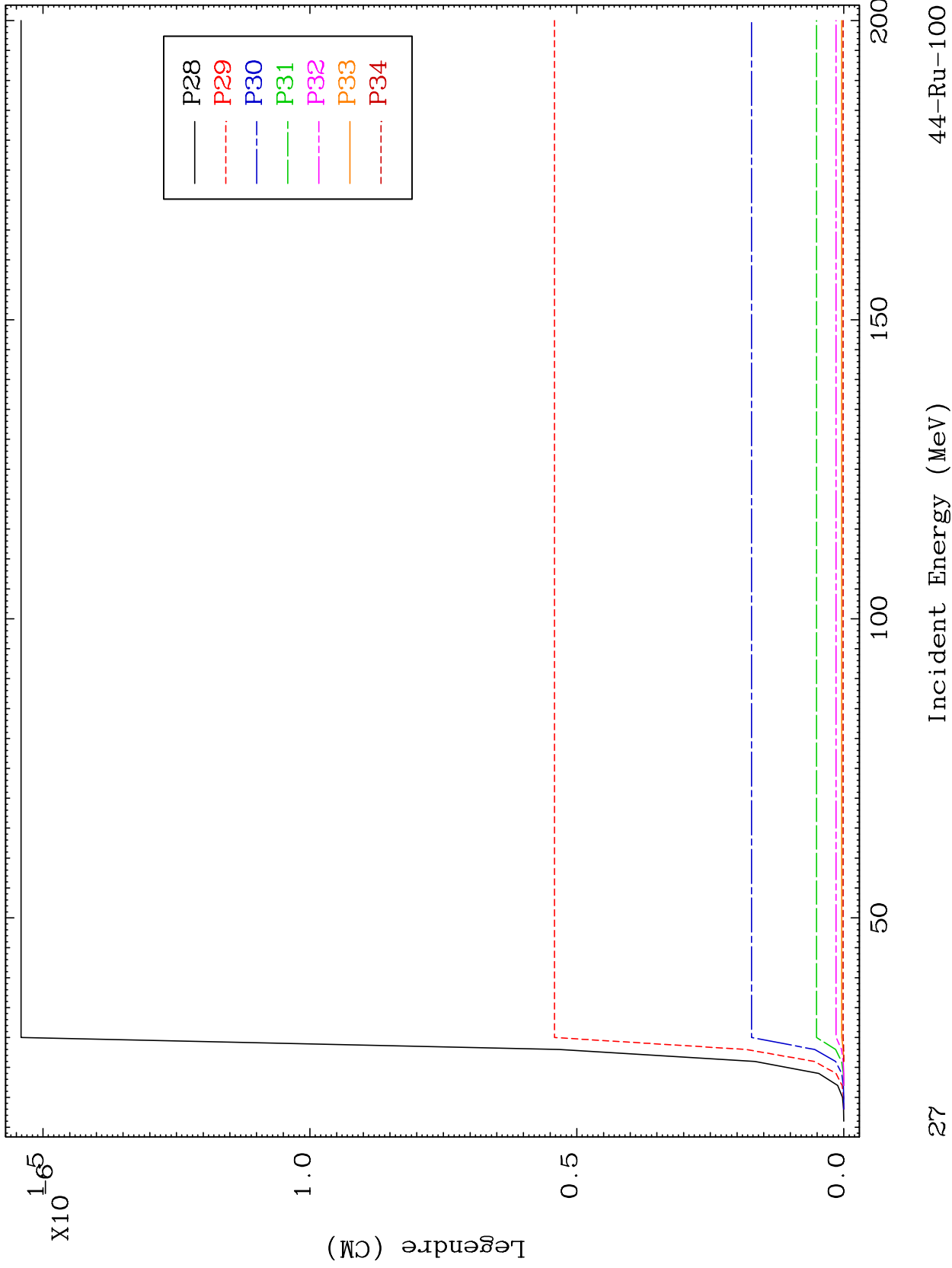


26

MAT 4437

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

44-Ru-100



27

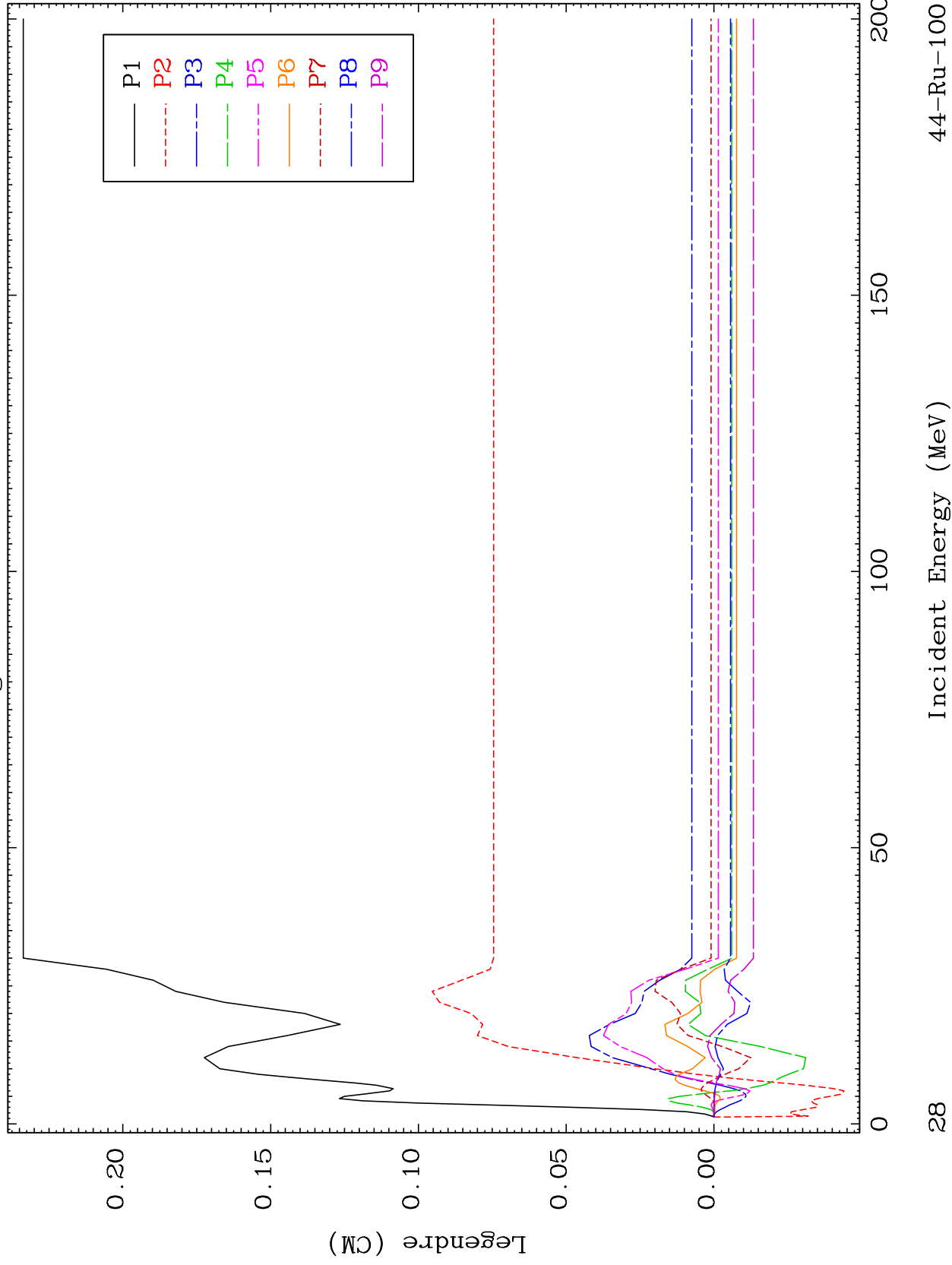
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



44-Ru-100

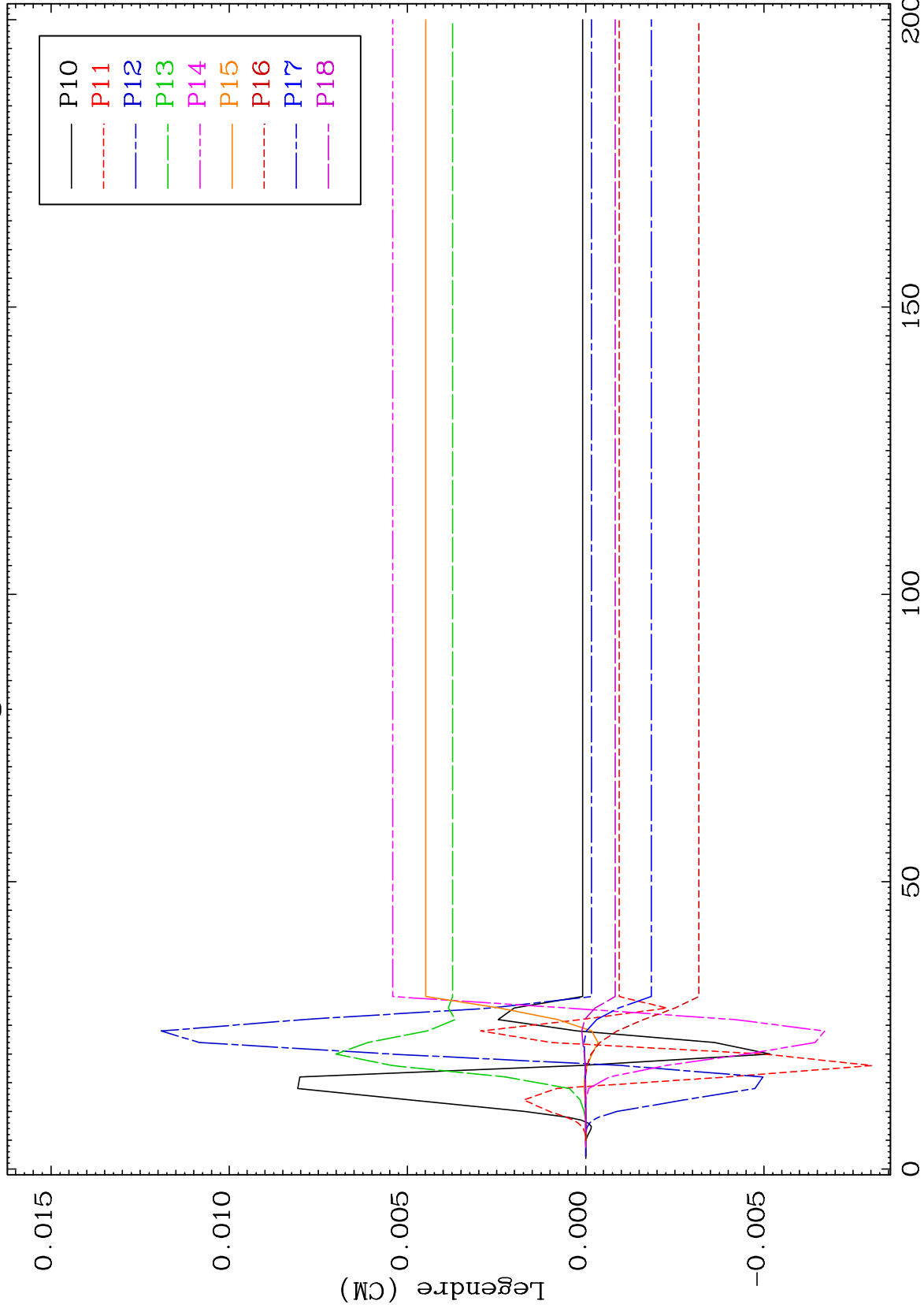
Incident Energy (MeV)

28

MAT 4437

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

44-Ru-100



29

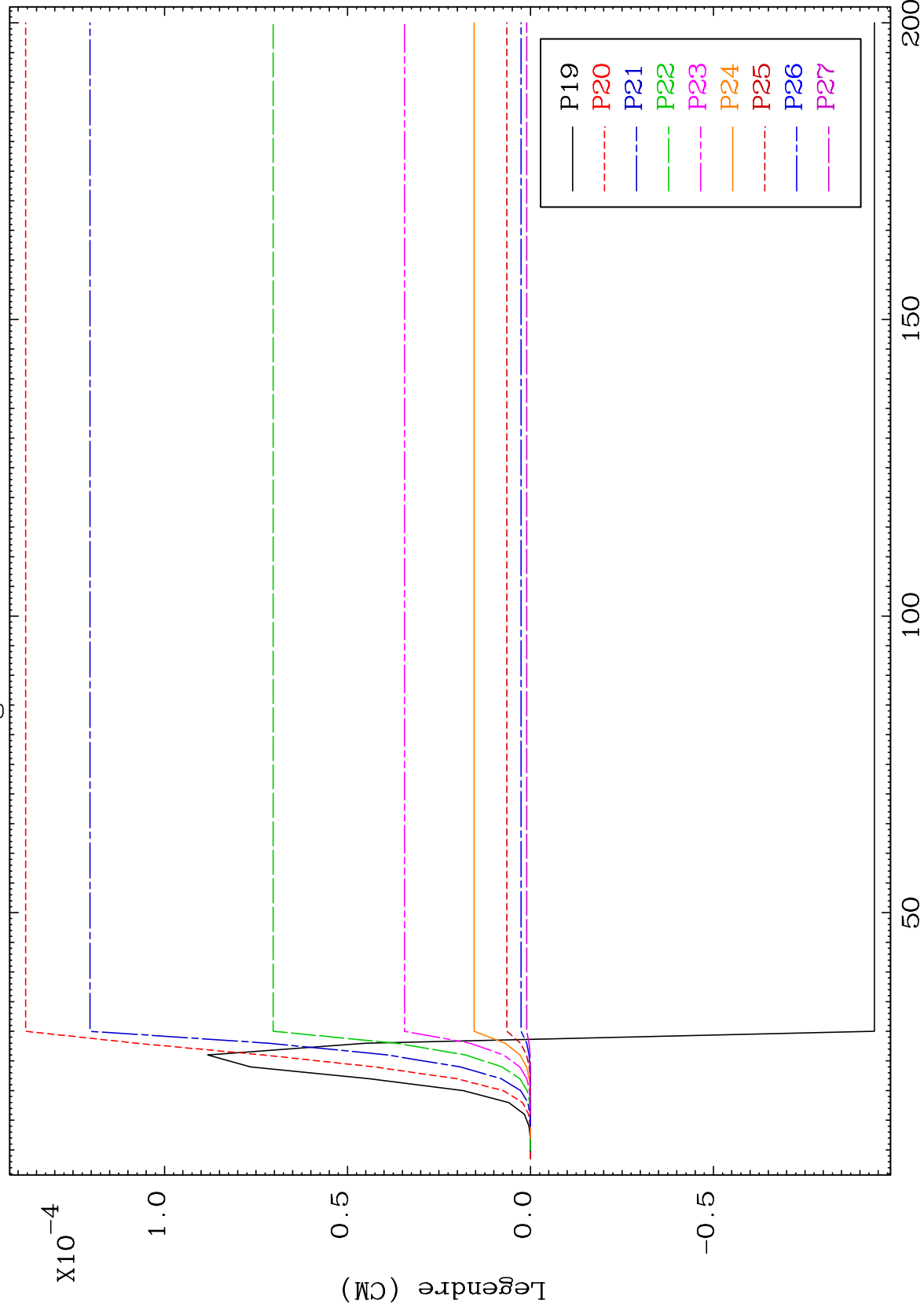
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



30

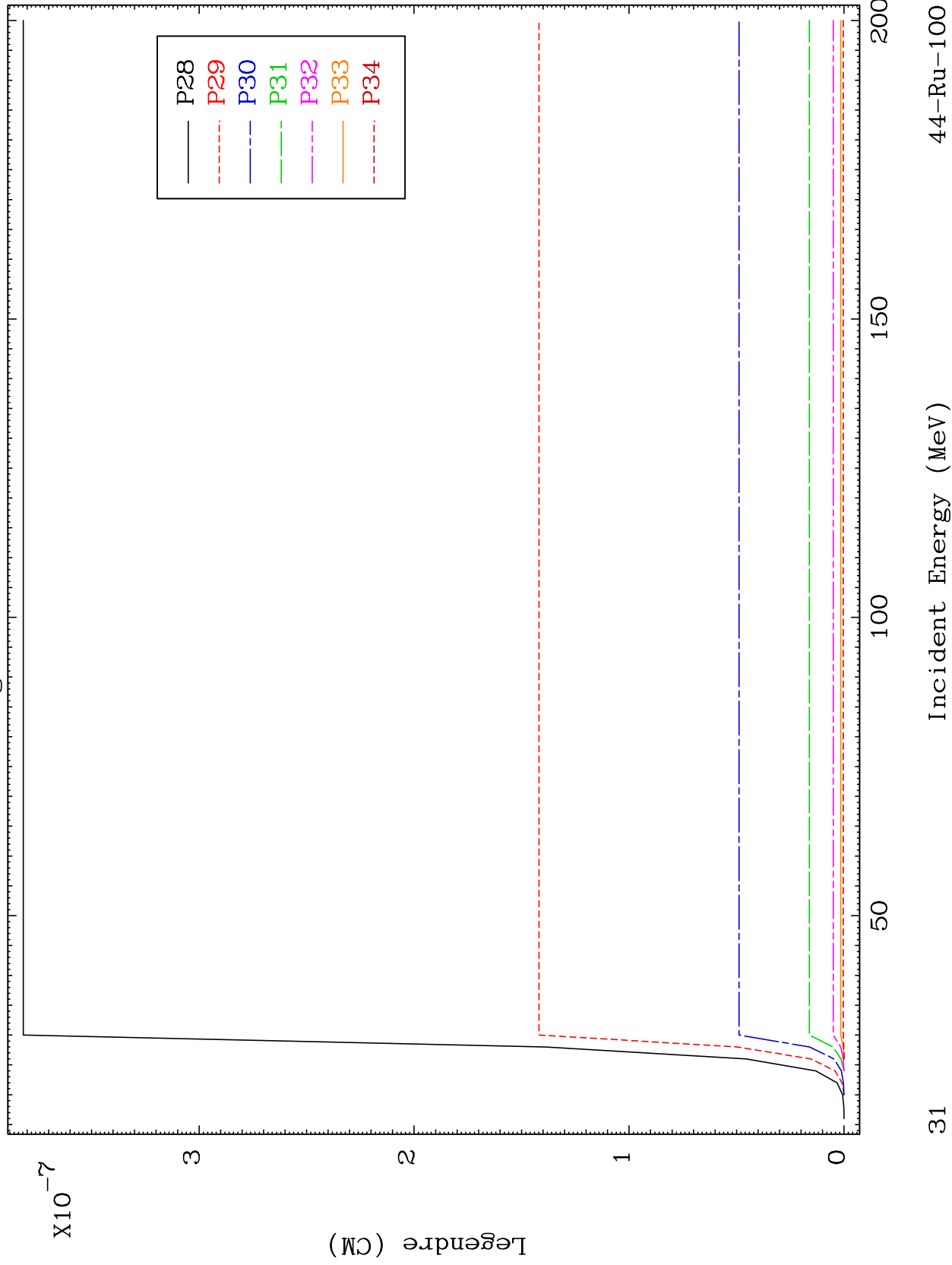
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



31

Incident Energy (MeV)

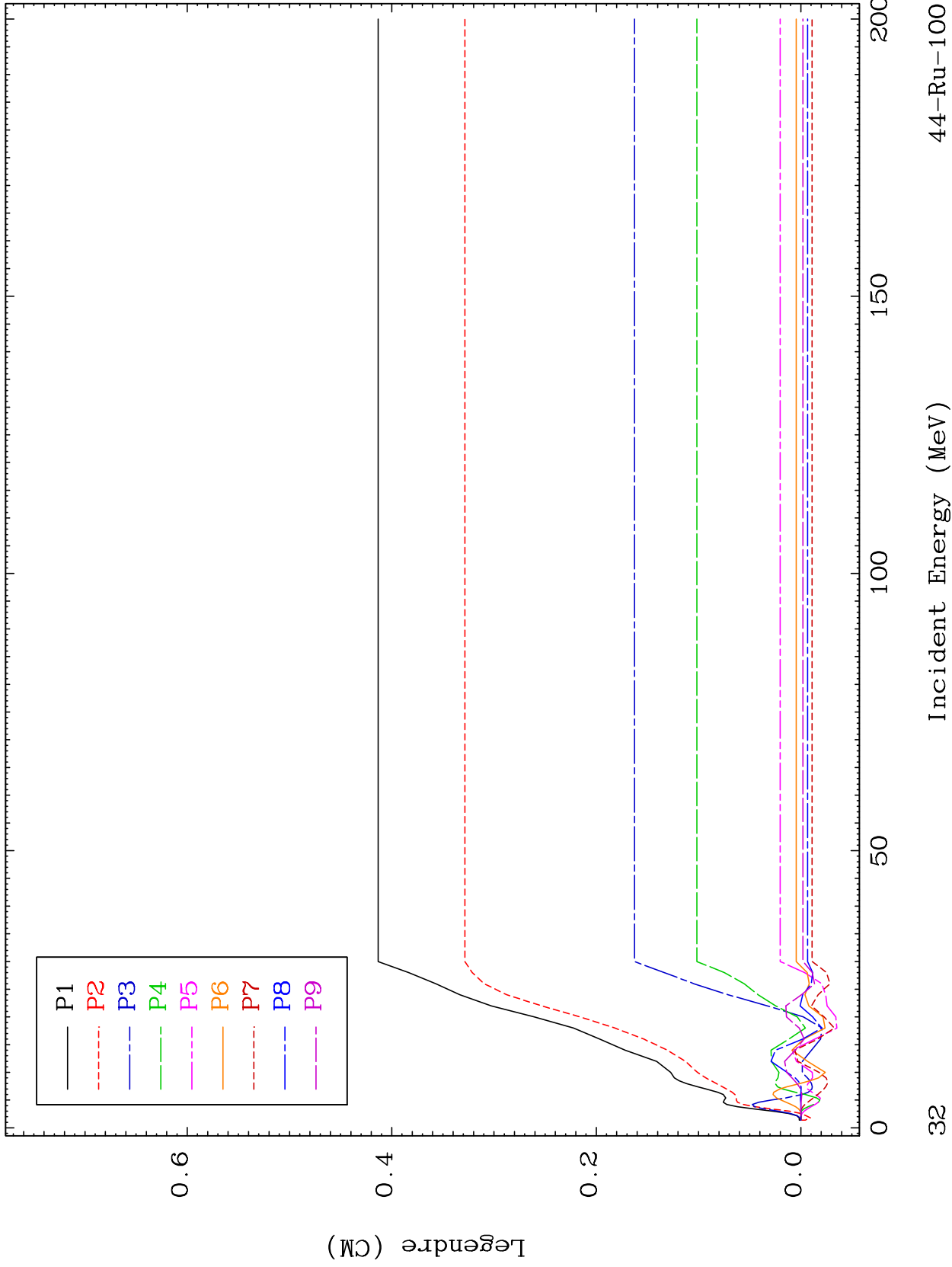
44-Ru-100



MAT 4437

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

44-Ru-100

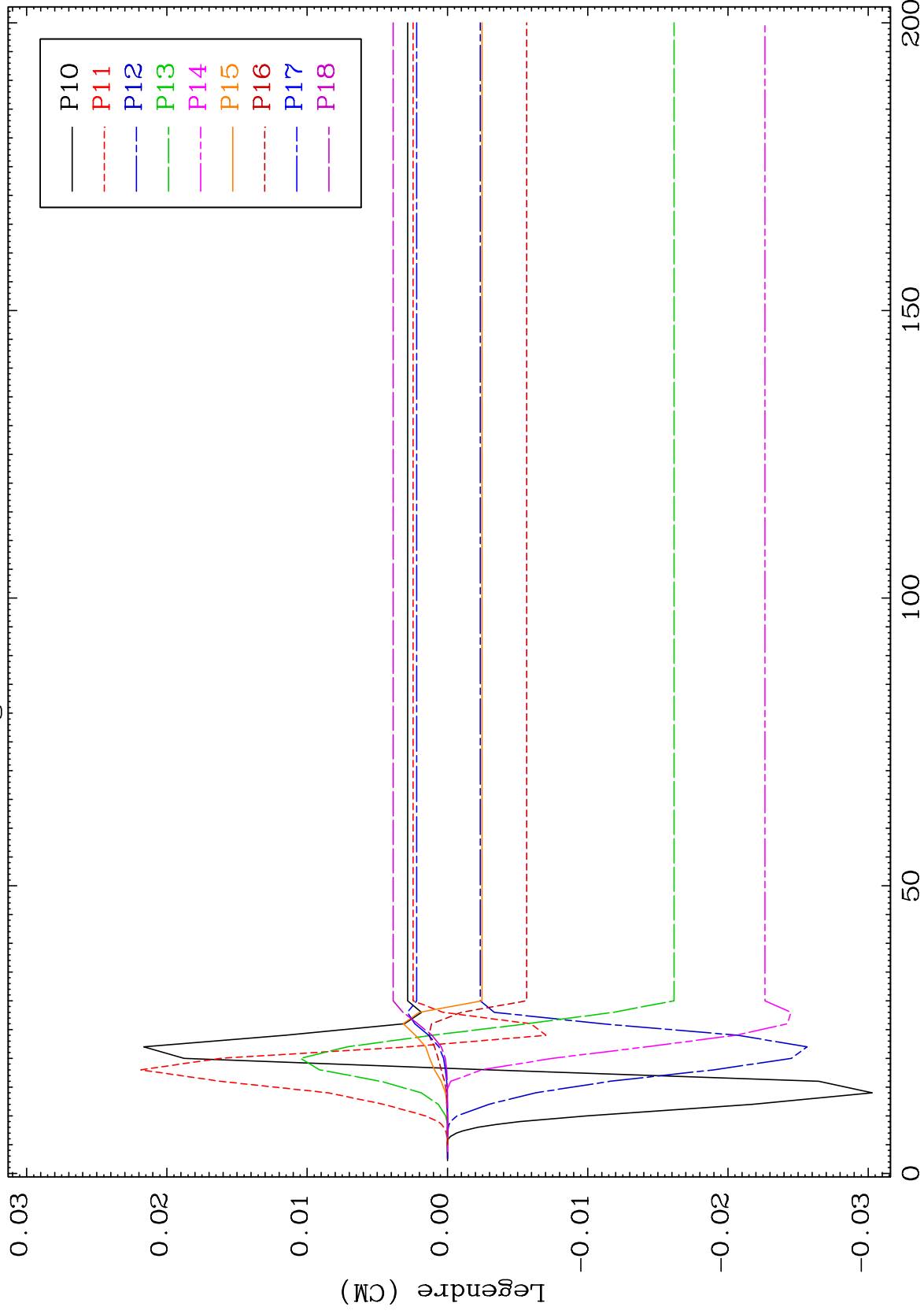


32

MAT 4437

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

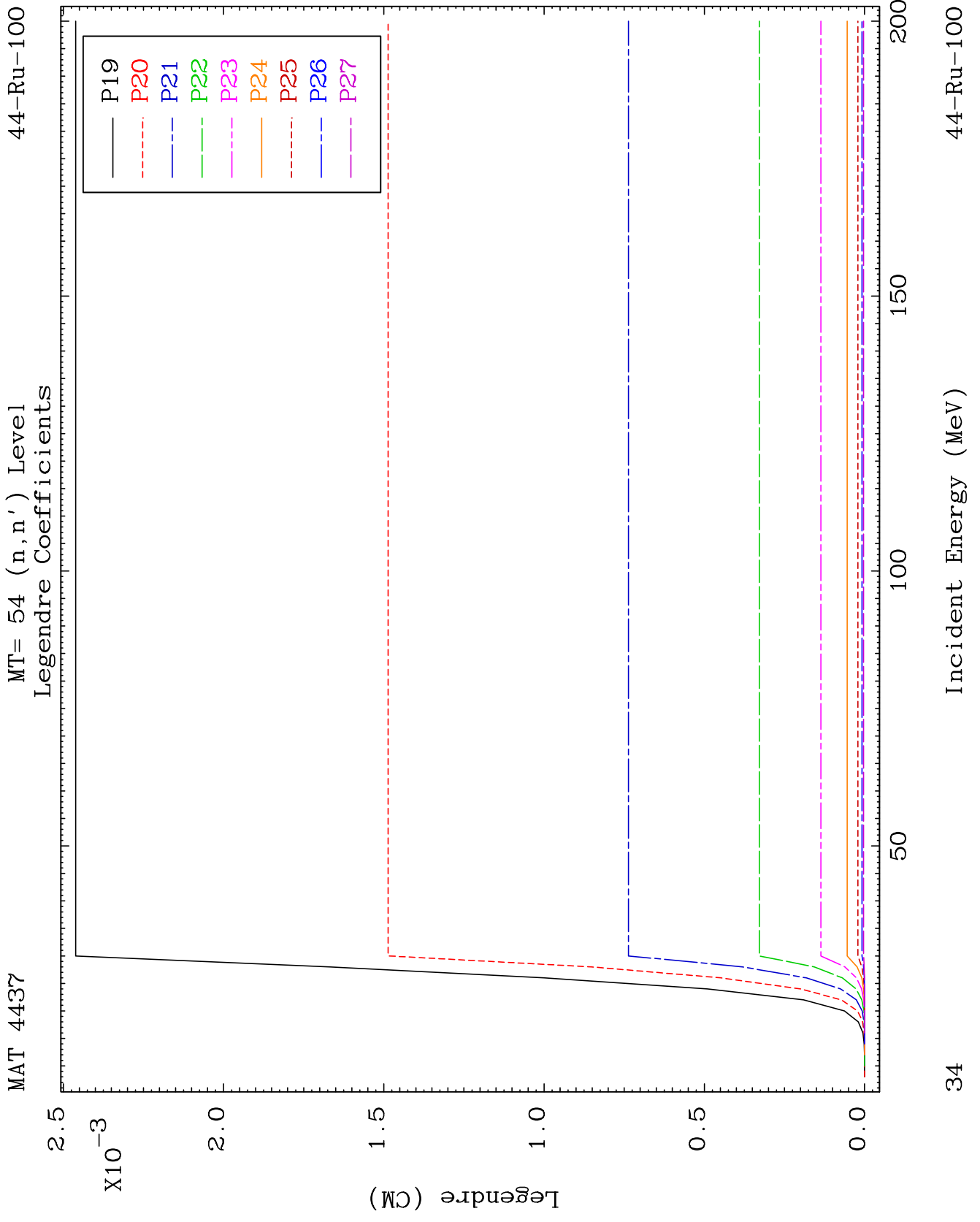
44-Ru-100



33

Incident Energy (MeV)

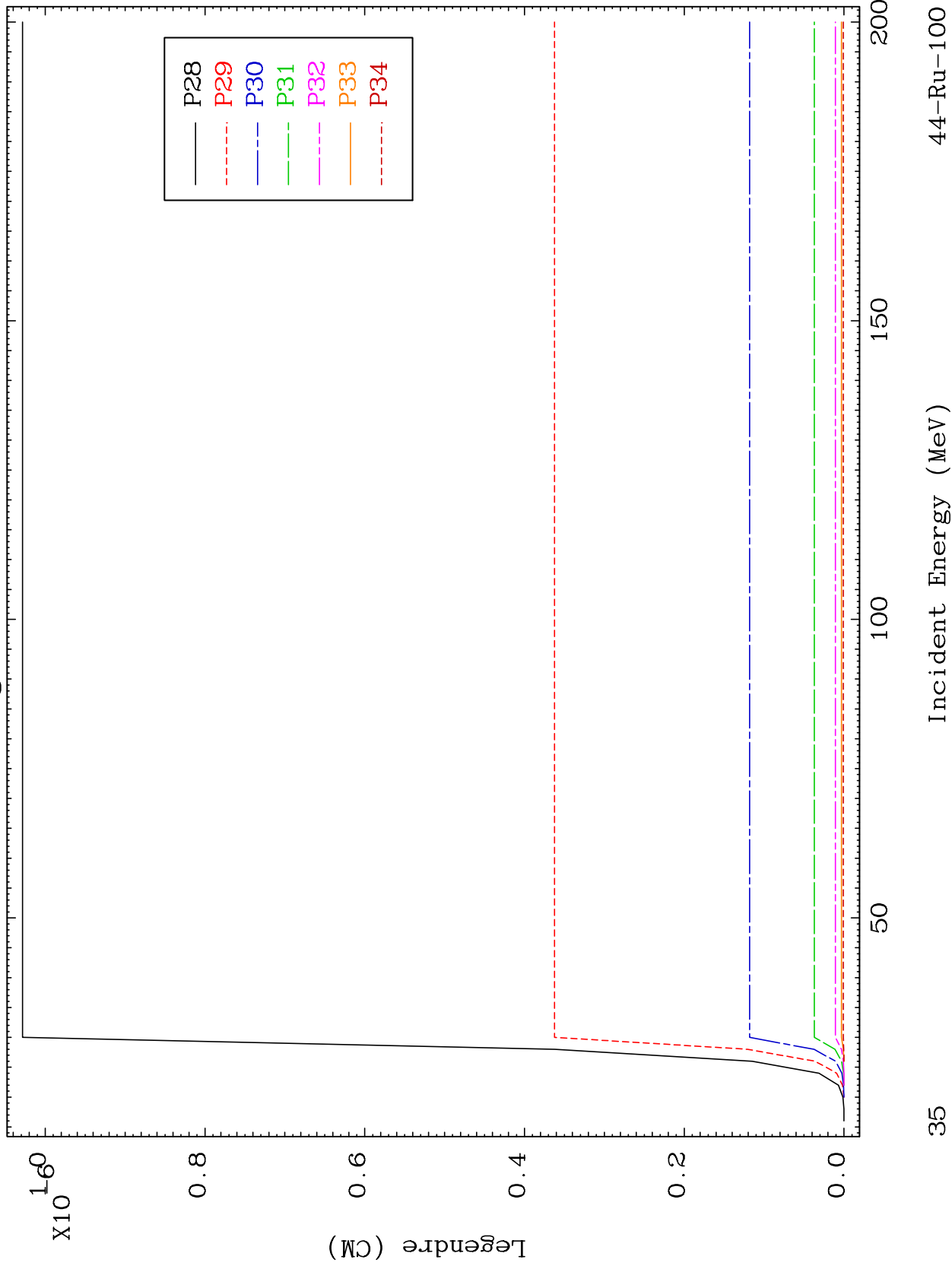
44-Ru-100



MAT 4437

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

44-Ru-100



35

Incident Energy (MeV)

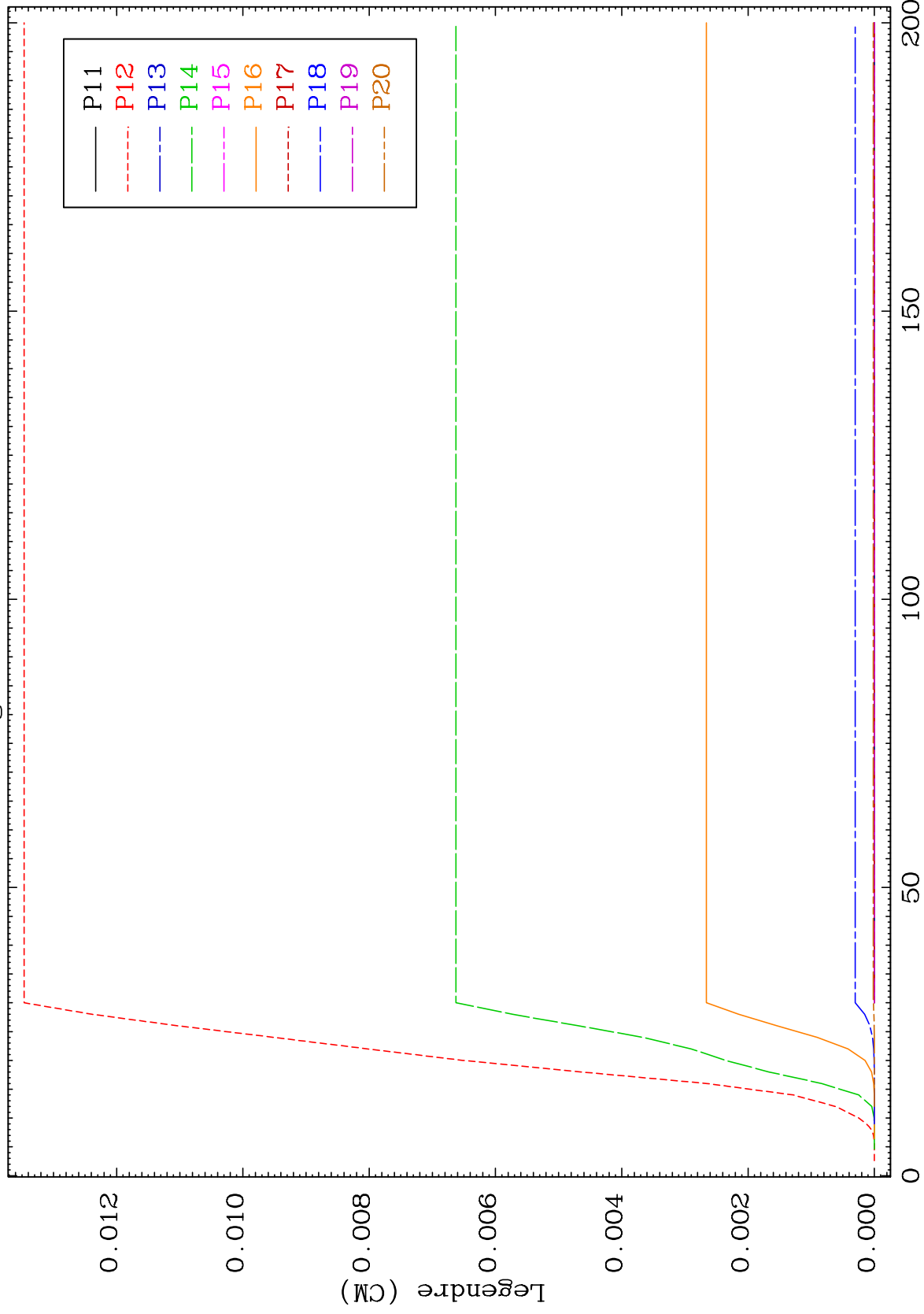
44-Ru-100



MAT 4437

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

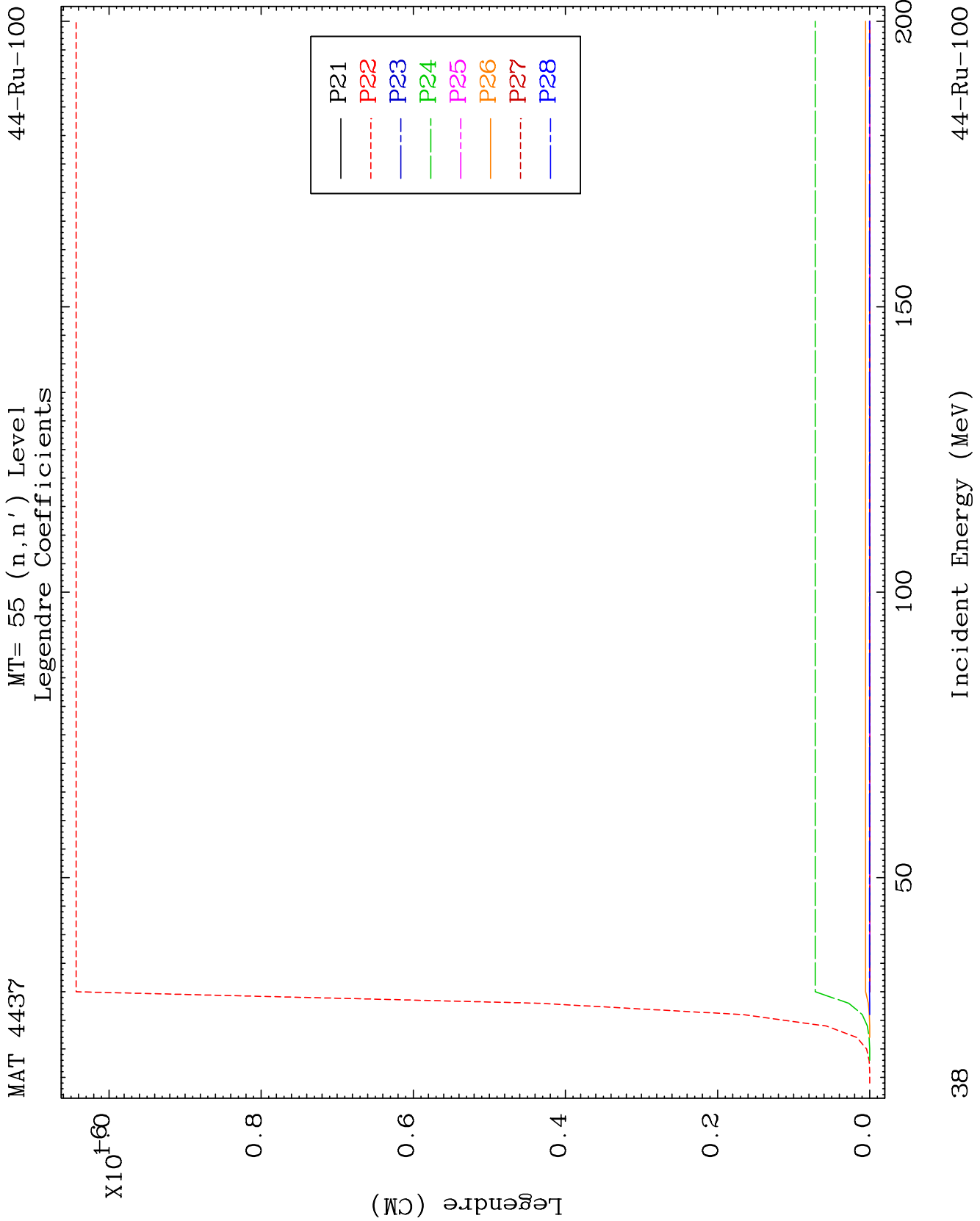
44-Ru-100



37

Incident Energy (MeV)

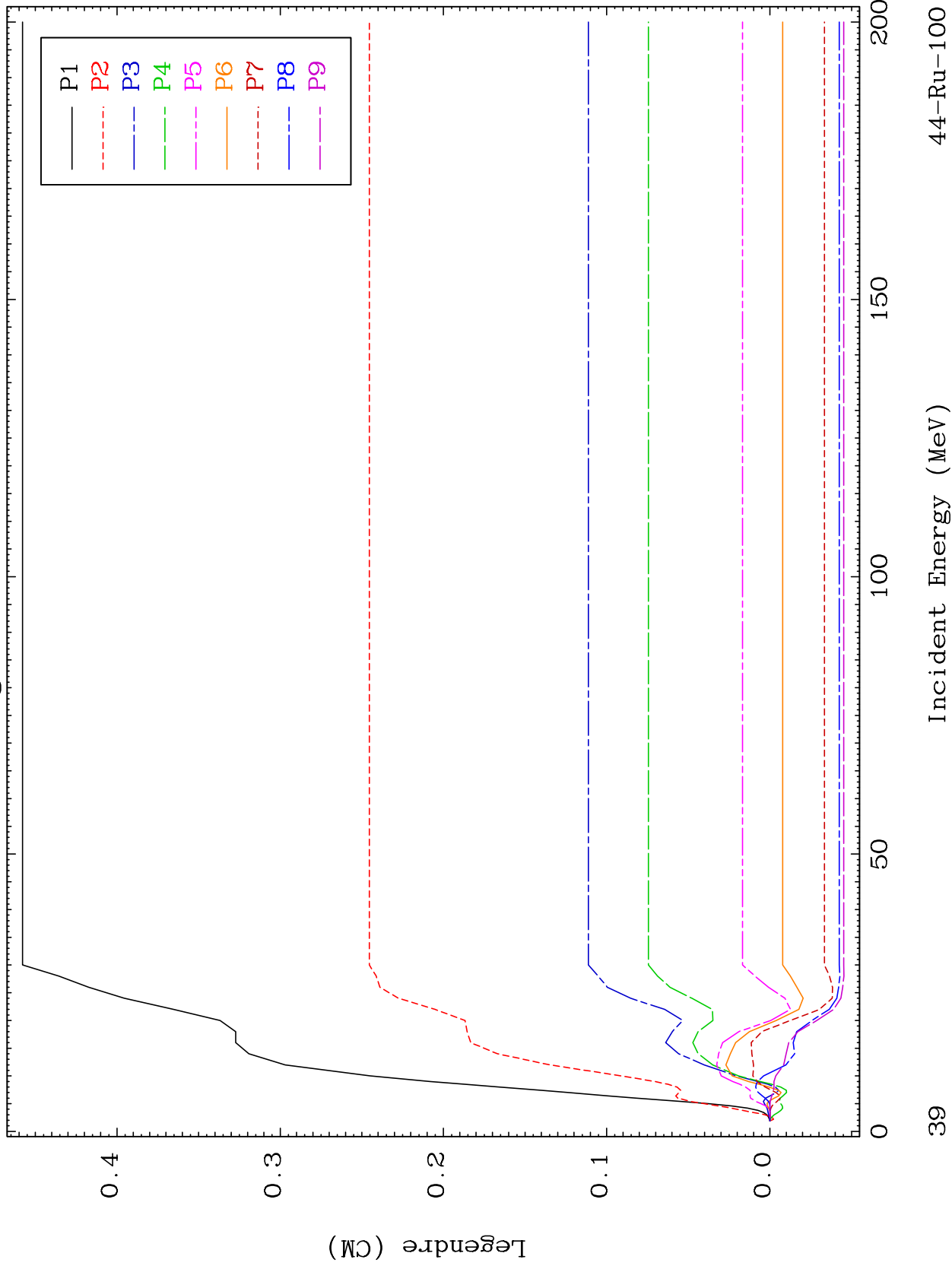
44-Ru-100



MAT 4437

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

44-Ru-100



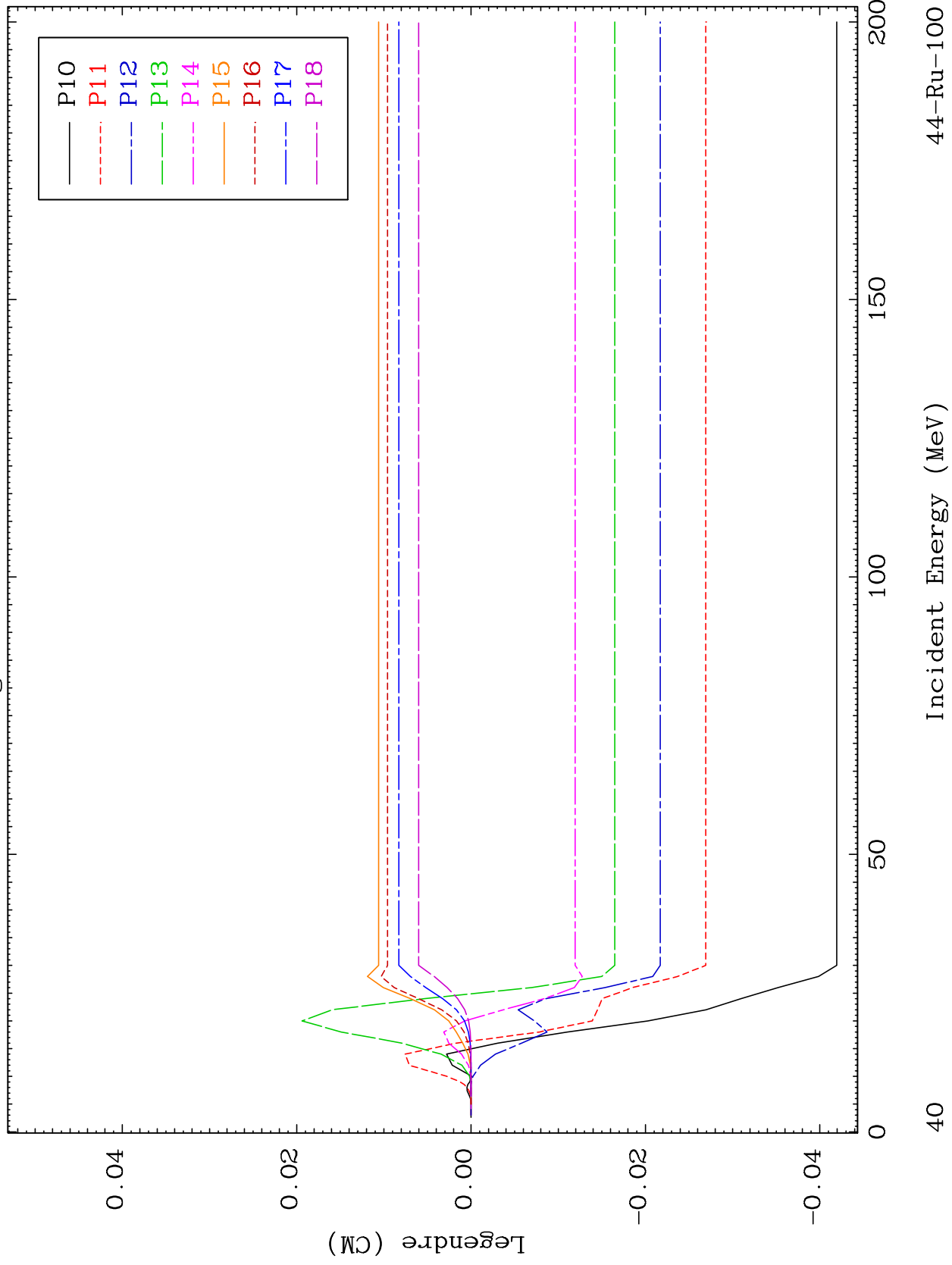
39



MAT 4437

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

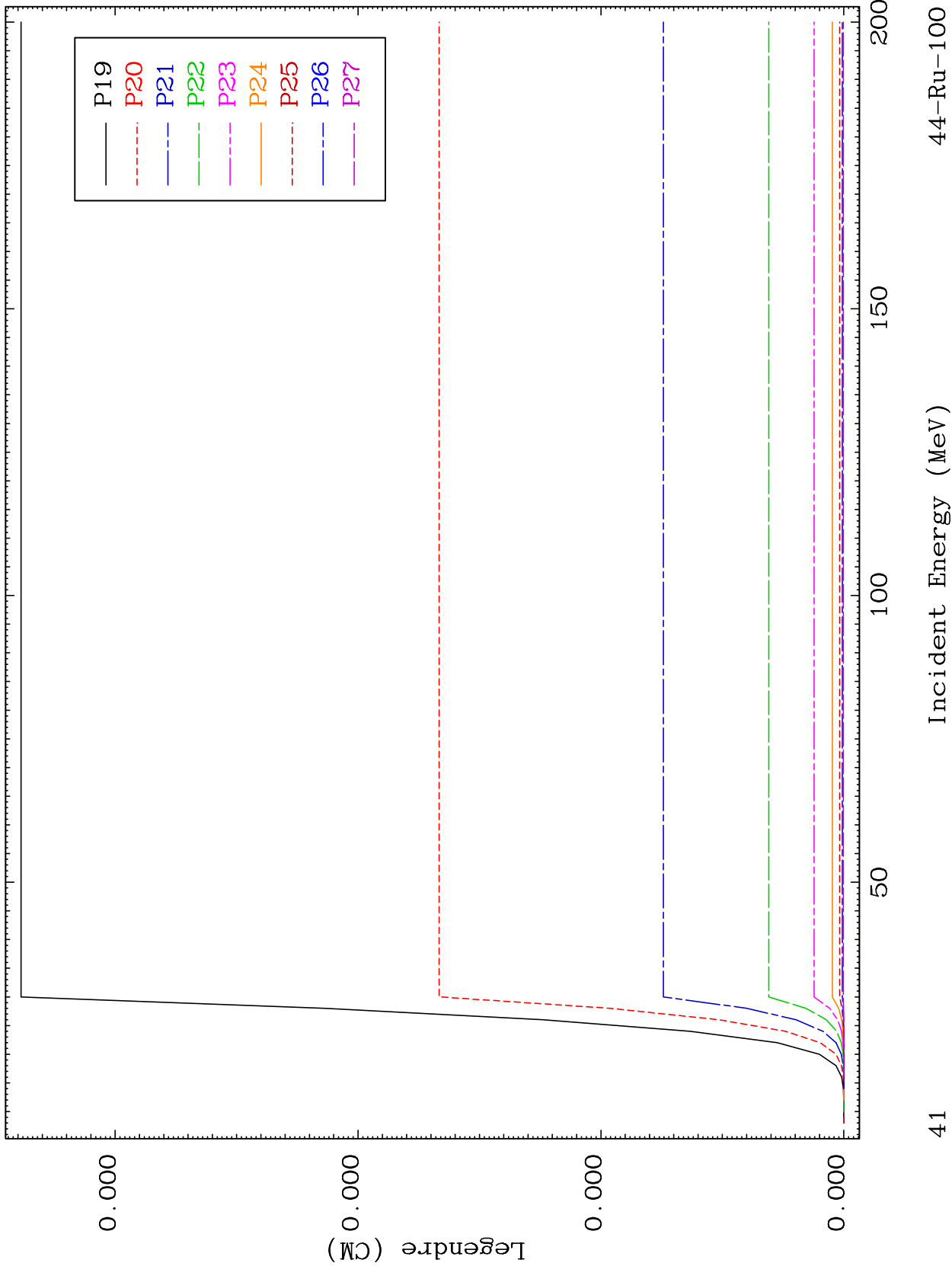
44-Ru-100



MAT 4437

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

44-Ru-100



41

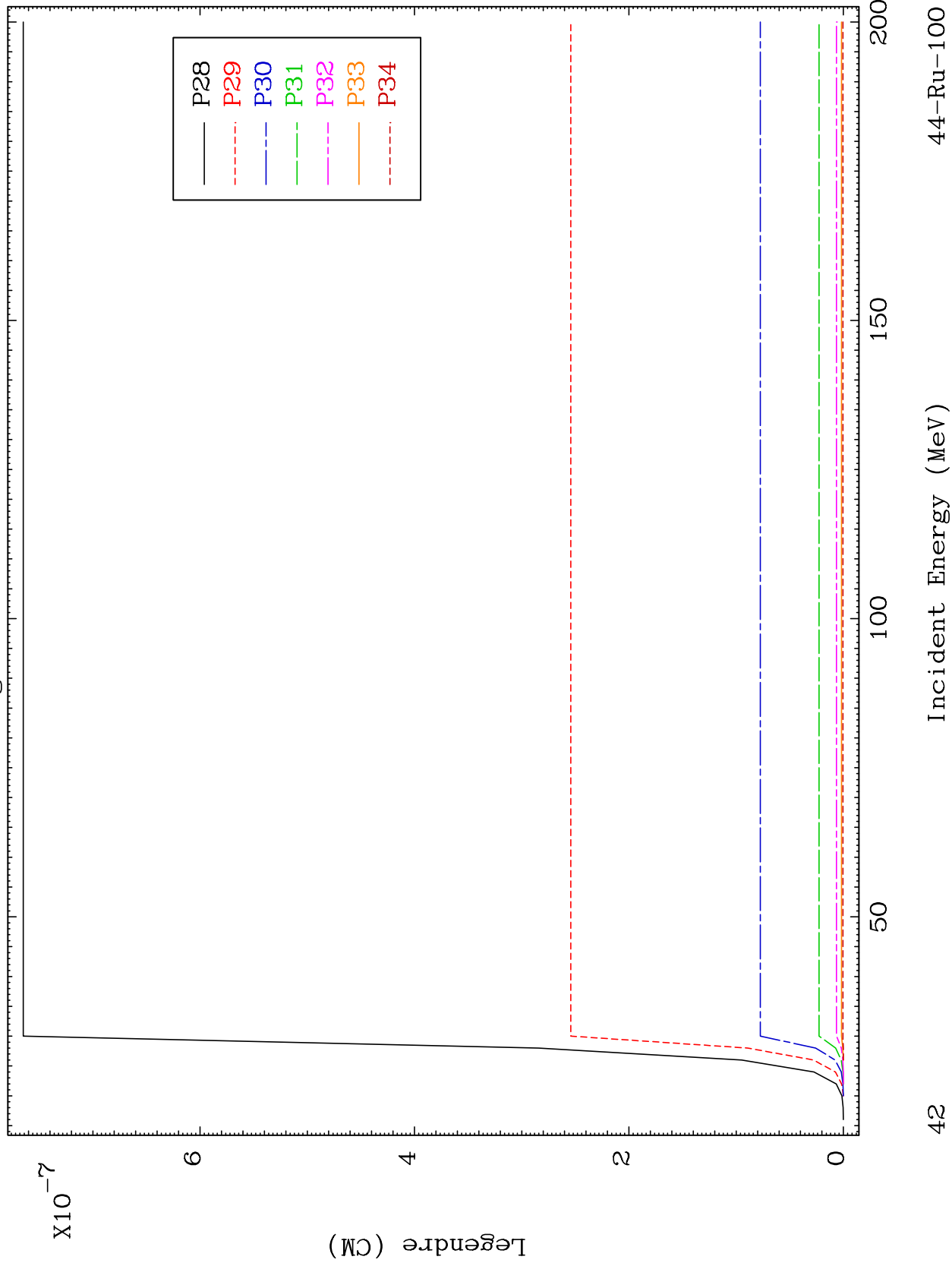
Incident Energy (MeV)

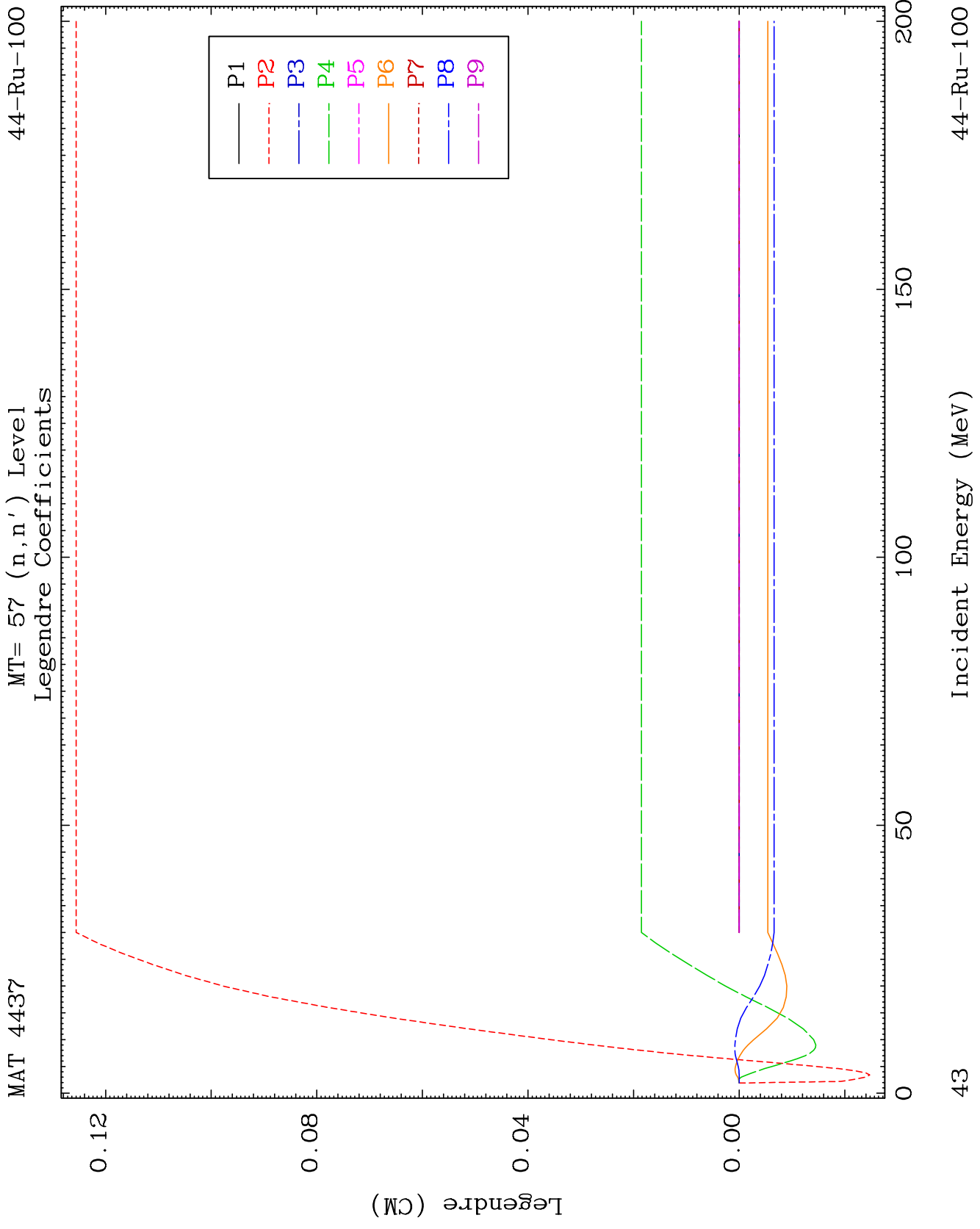
44-Ru-100

MAT 4437

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

44-Ru-100



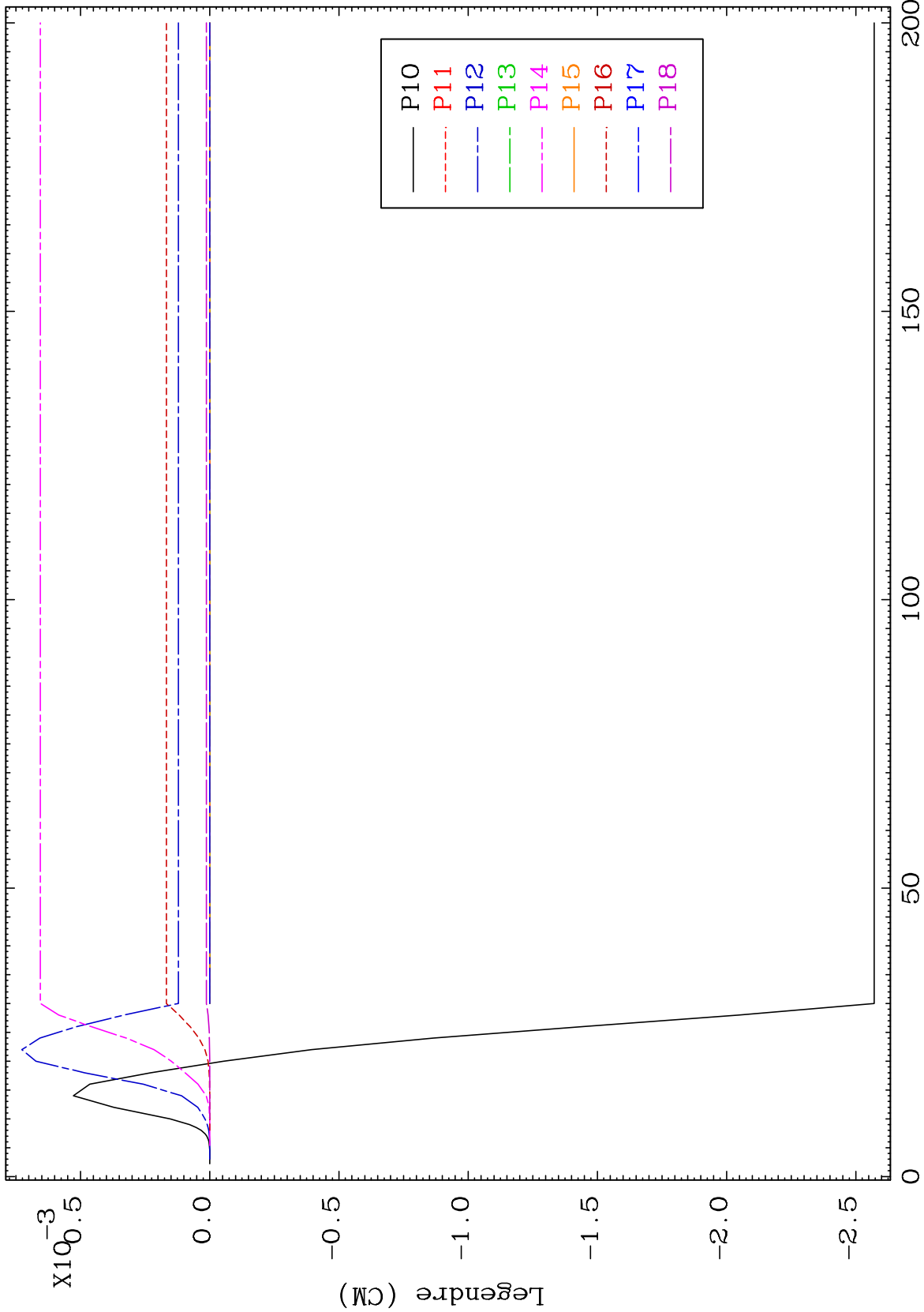


MAT 4437

MT= 57 (n,n') Level

44-Ru-100

Legendre Coefficients

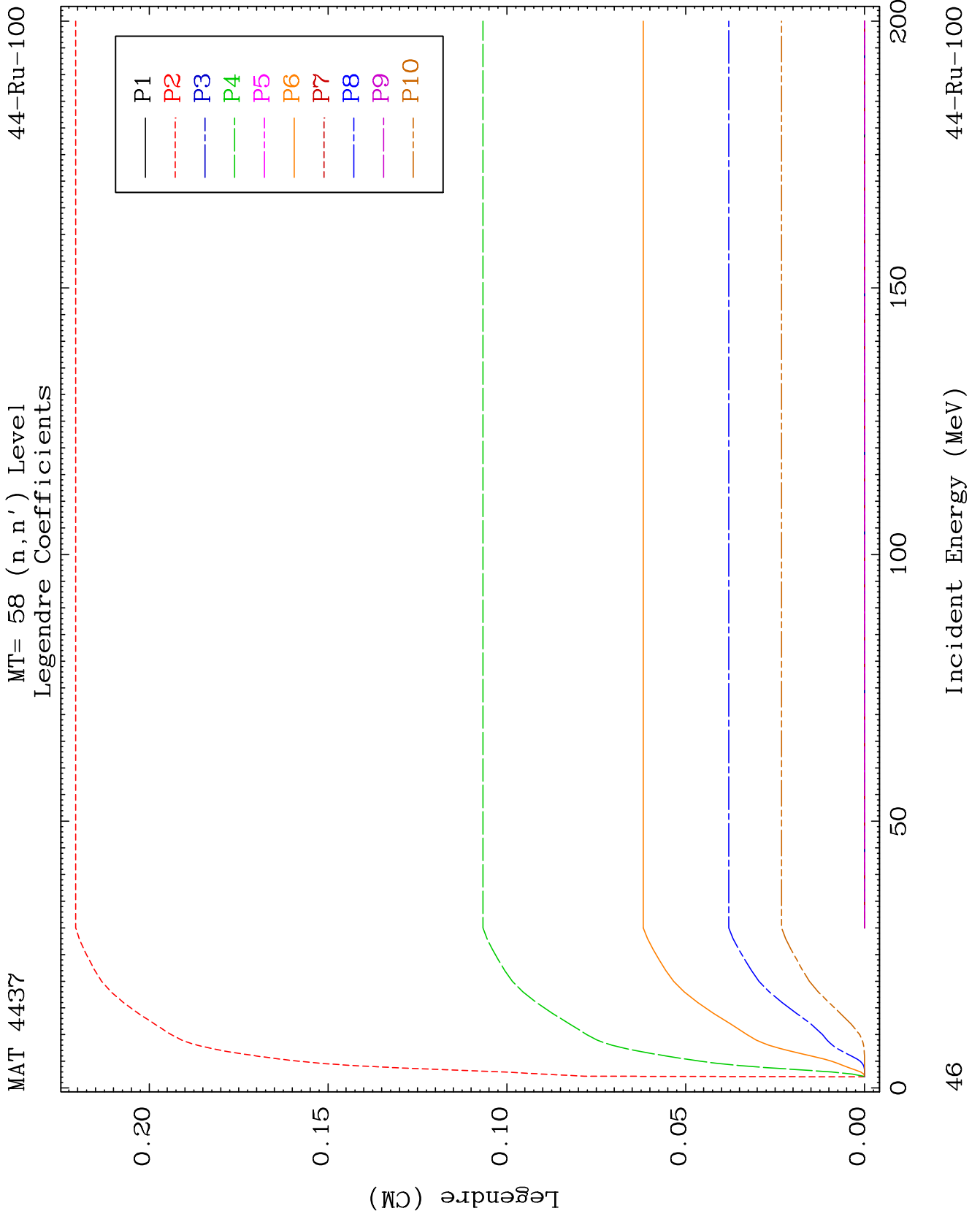


44

Incident Energy (MeV)

44-Ru-100

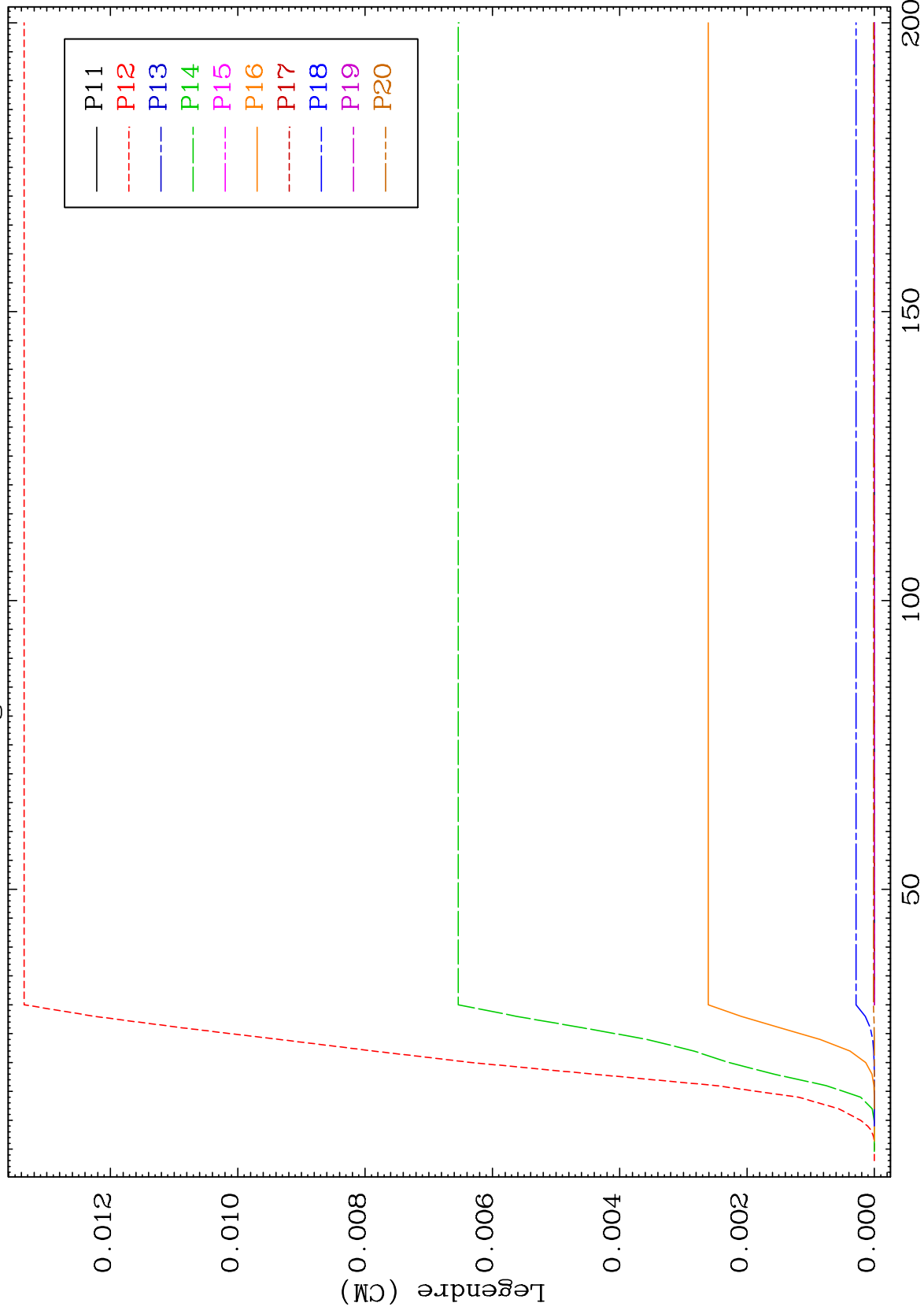




MAT 4437

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

44-Ru-100

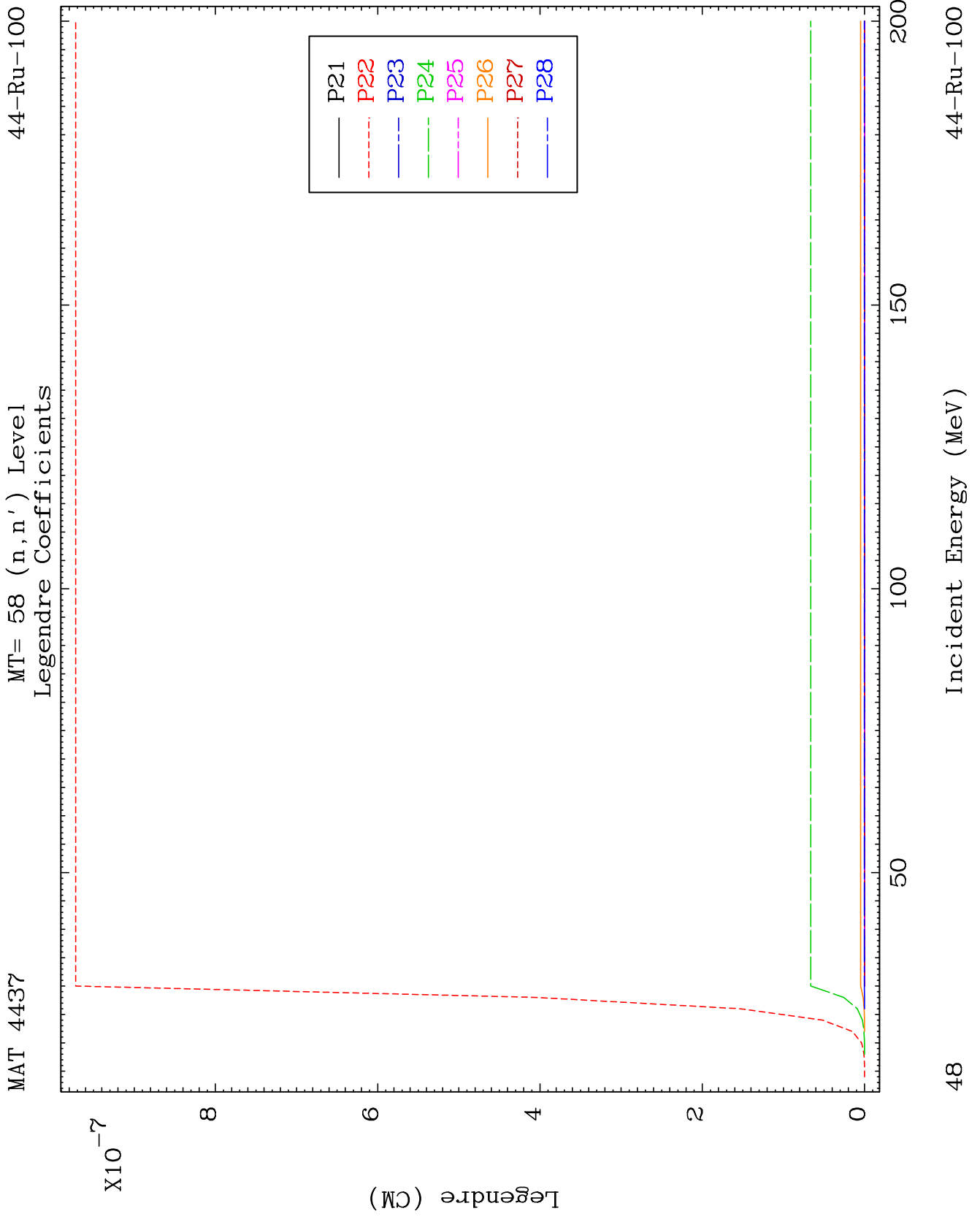


47

Incident Energy (MeV)

44-Ru-100

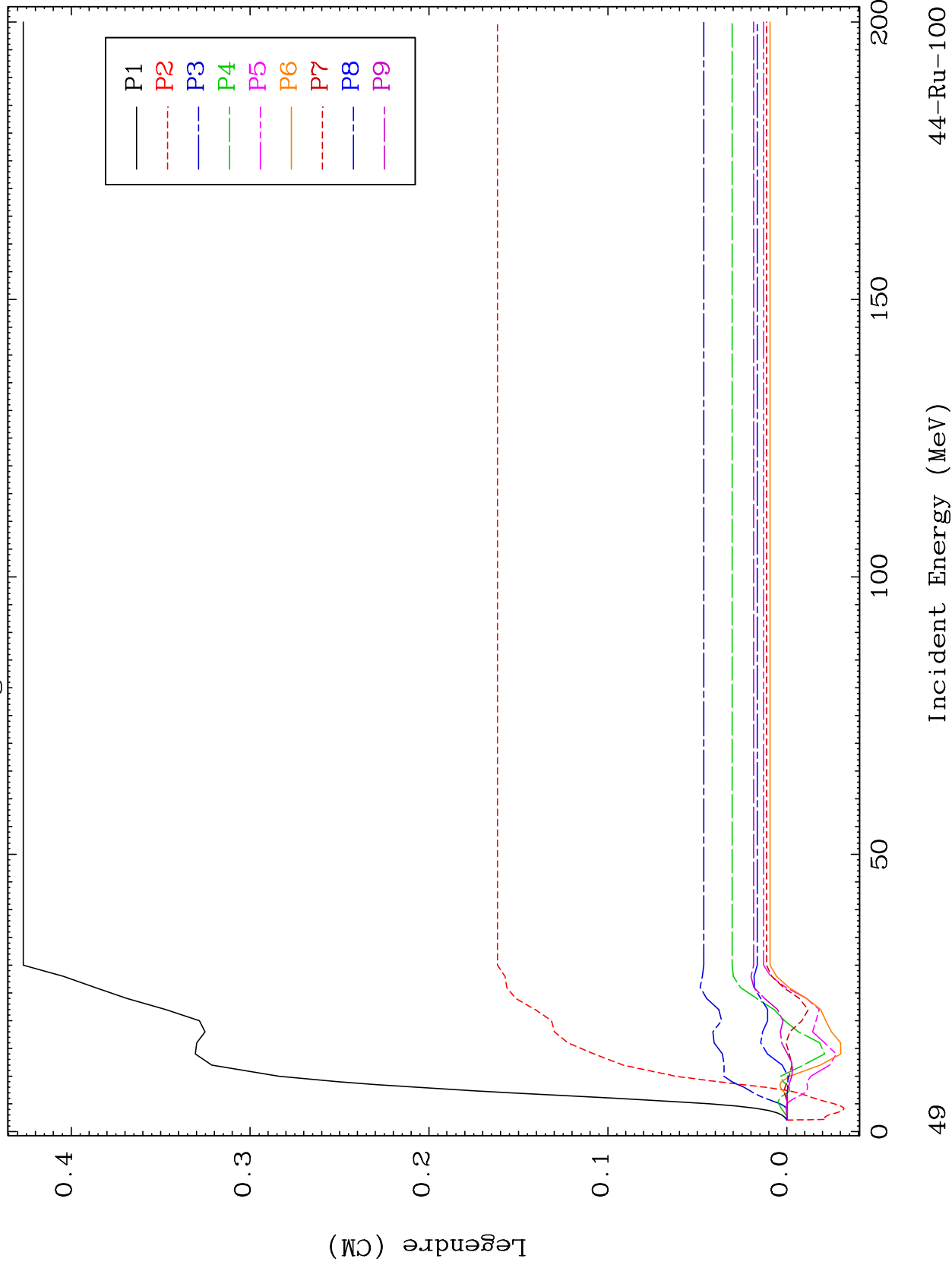




MAT 4437

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

44-Ru-100



49

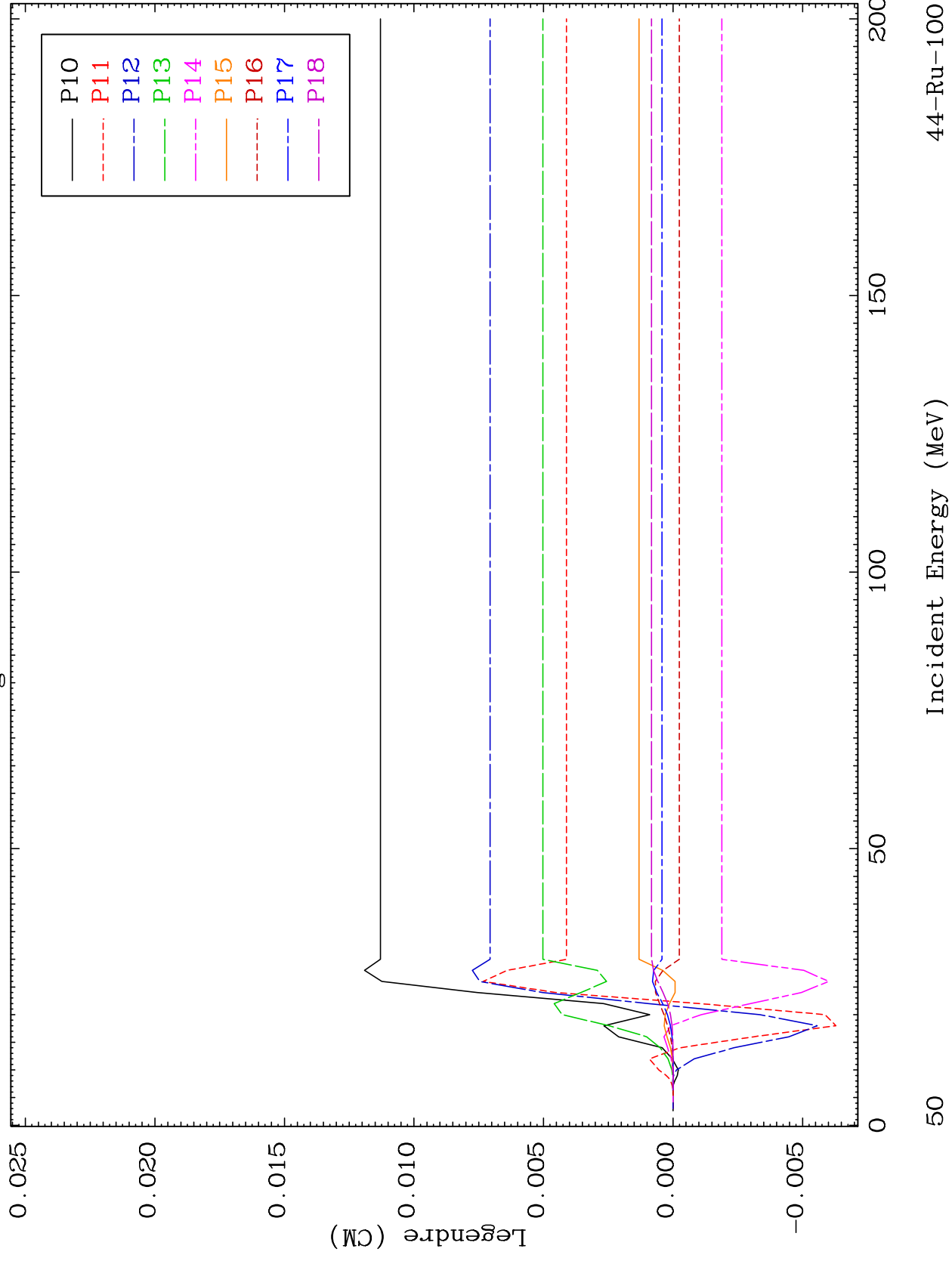
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

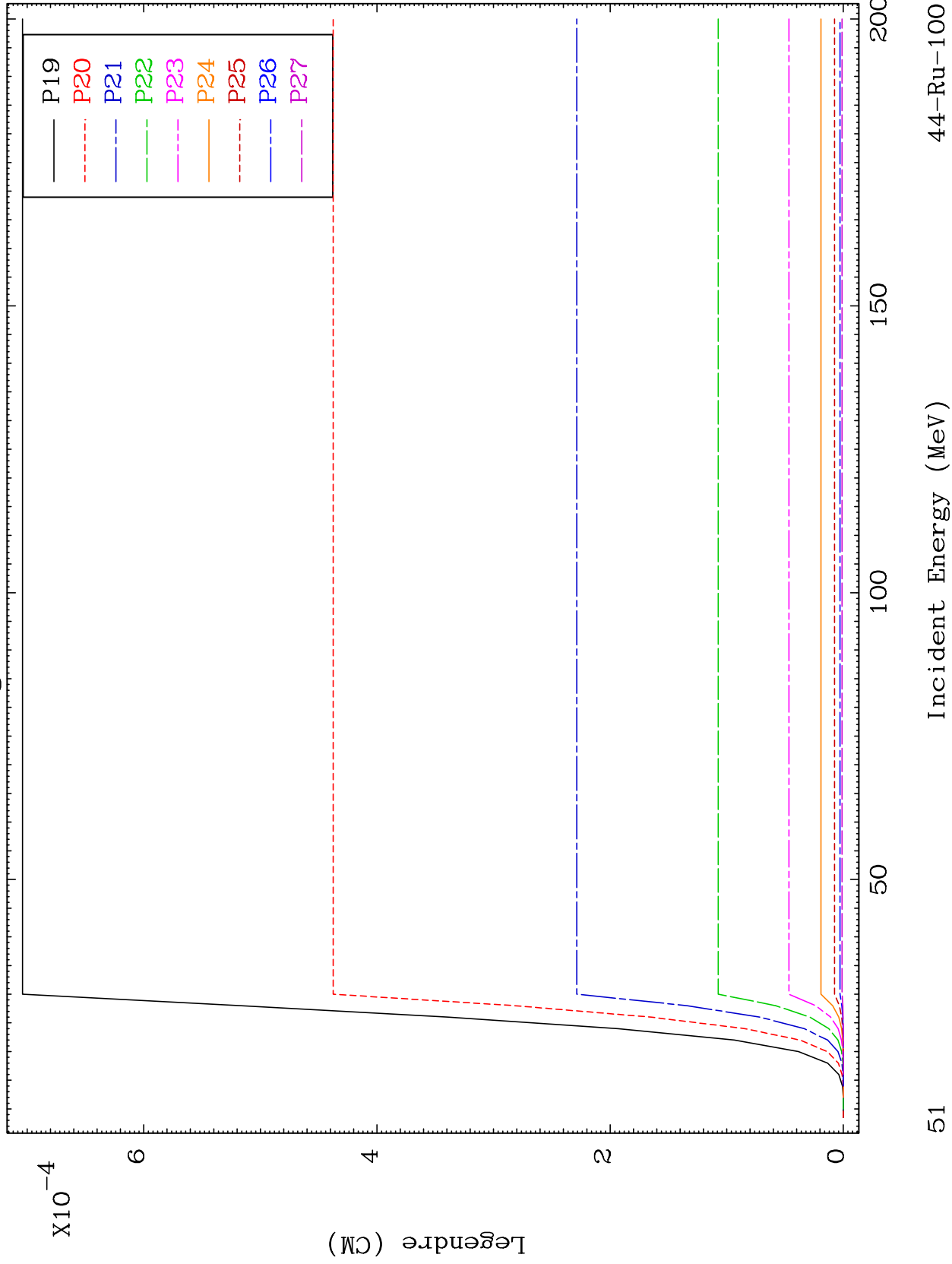
44-Ru-100



MAT 4437

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

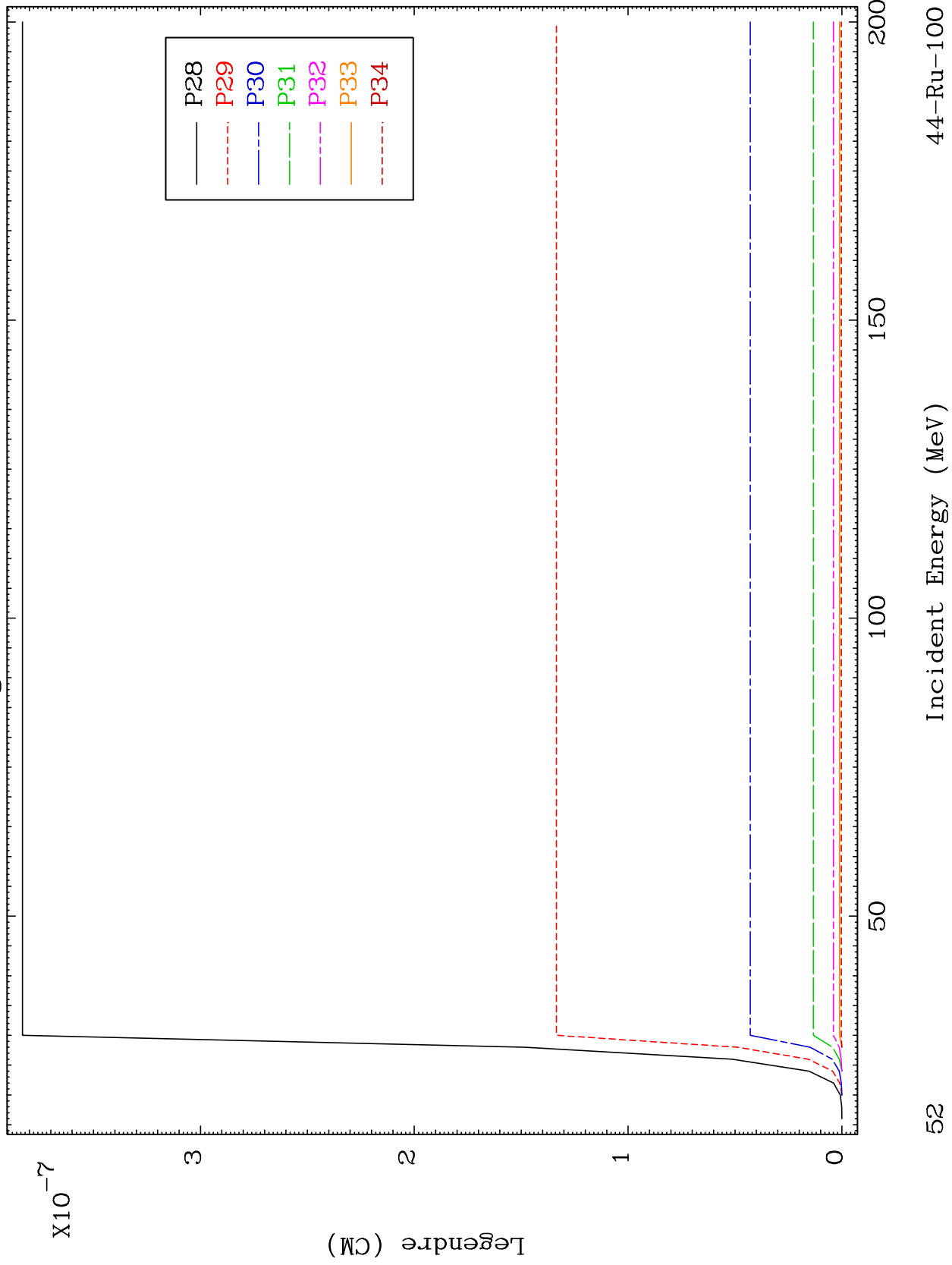
44-Ru-100



MAT 4437

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

44-Ru-100

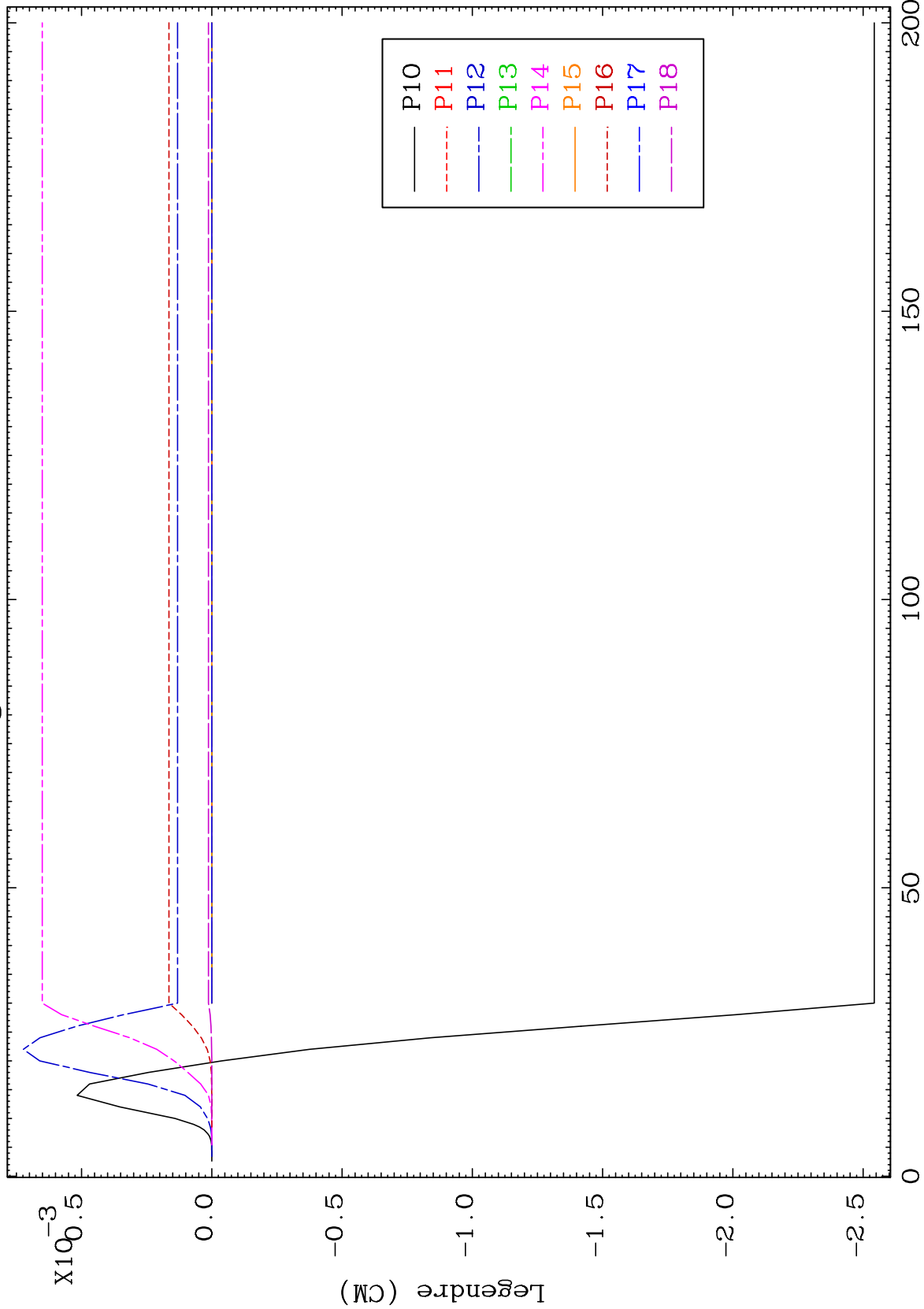




MAT 4437

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

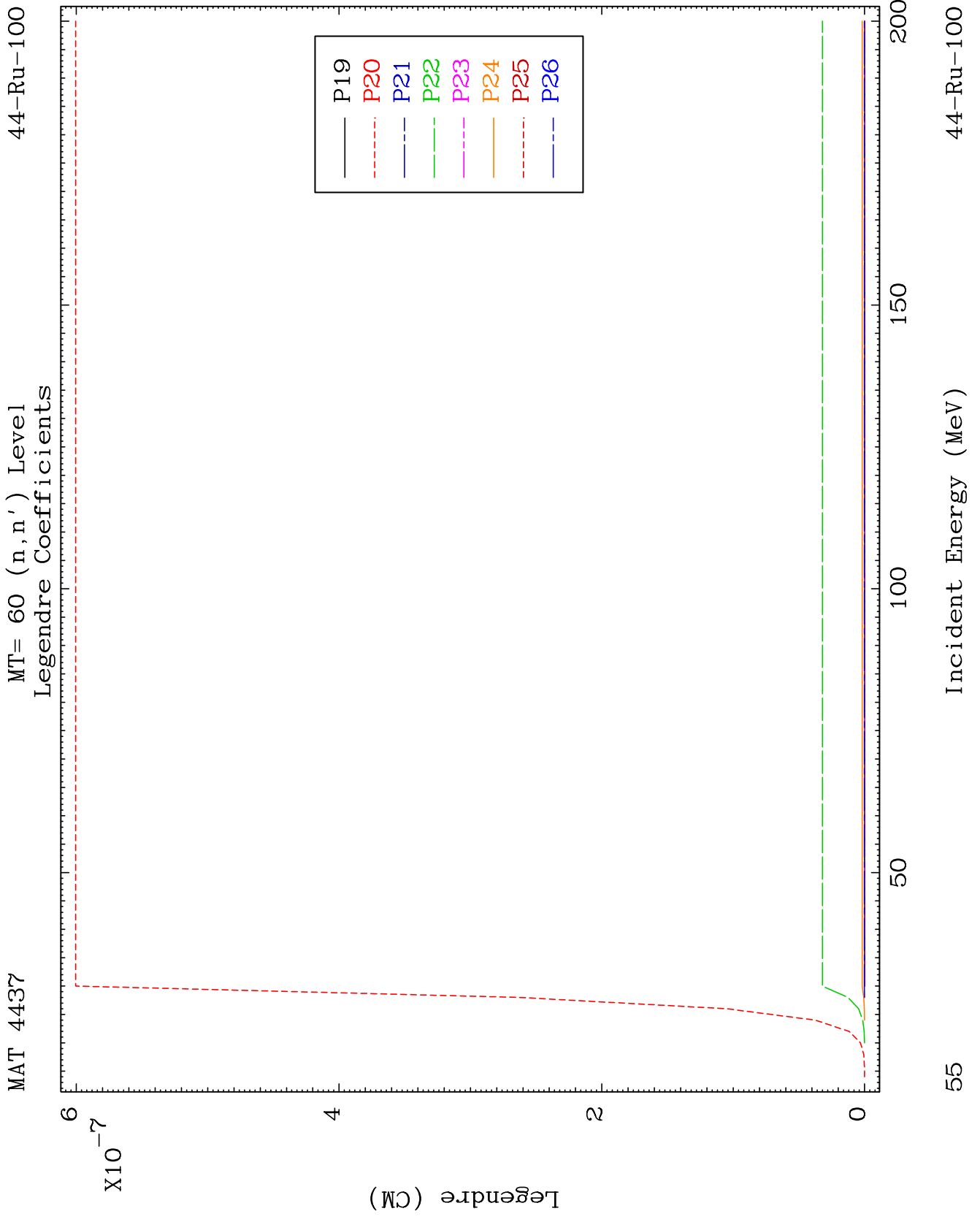
44-Ru-100



54

Incident Energy (MeV)

44-Ru-100

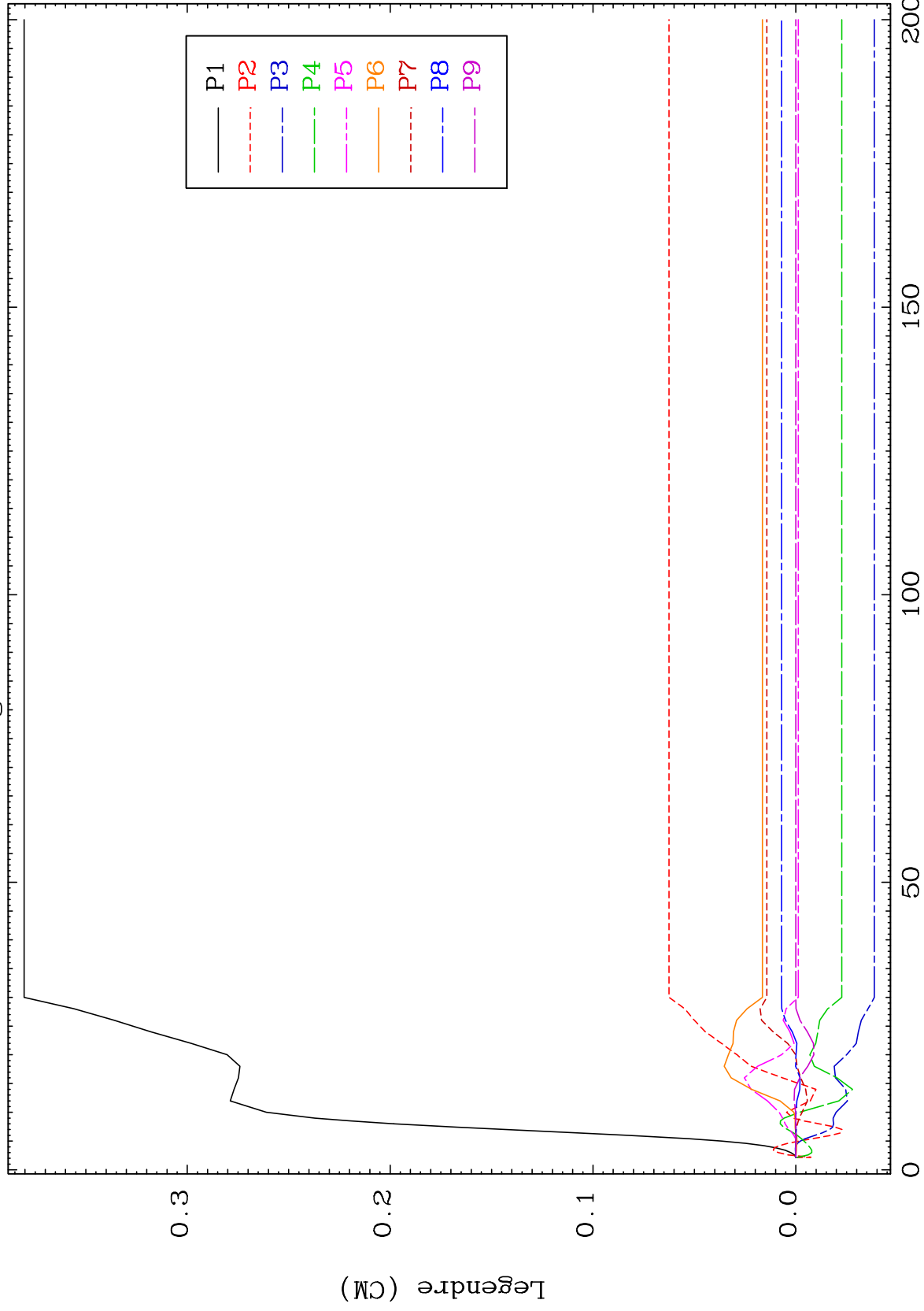




MAT 4437

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

44-Ru-100



44-Ru-100

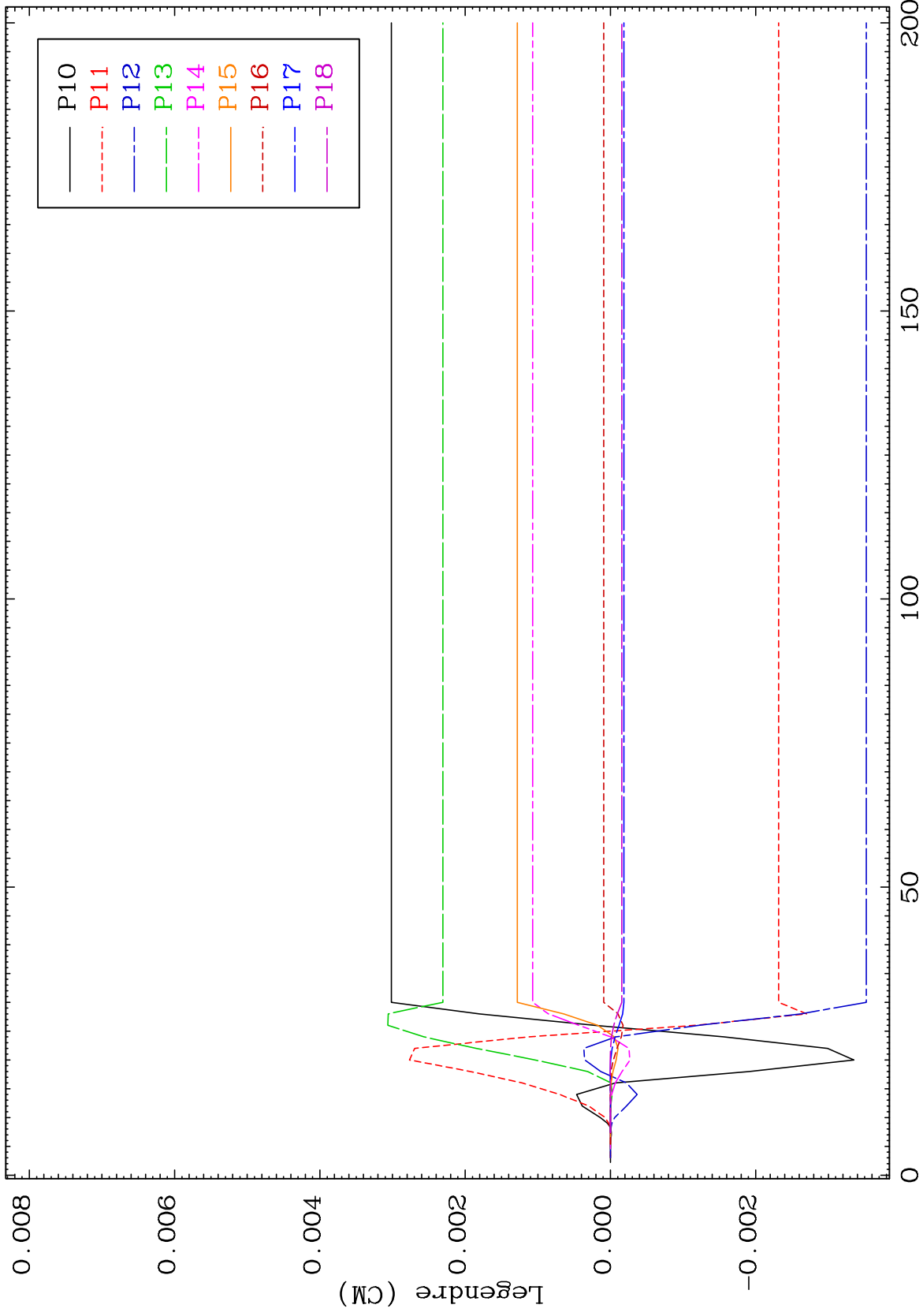
Incident Energy (MeV)

56

MAT 4437

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

44-Ru-100



57

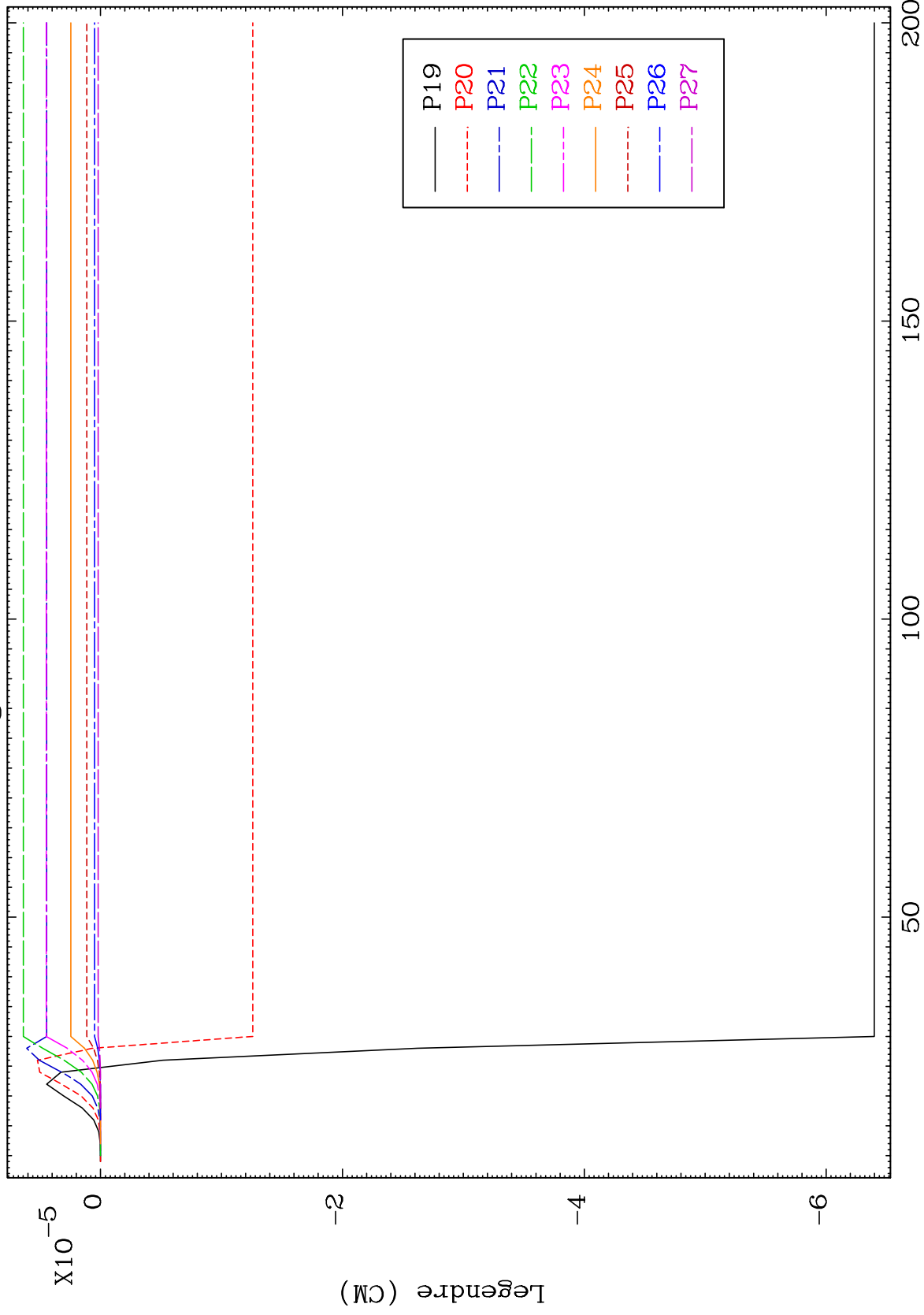
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



58

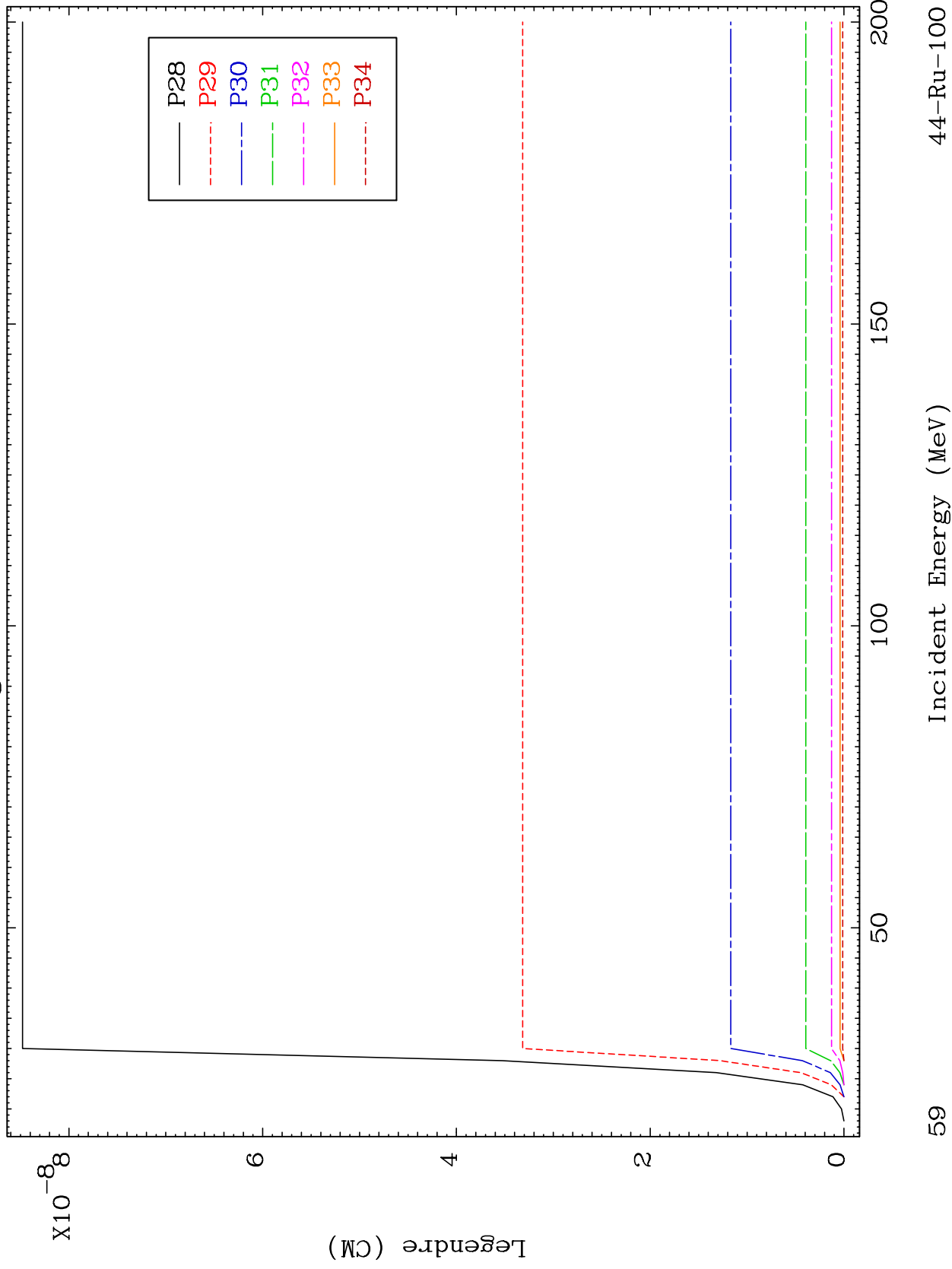
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



59

Incident Energy (MeV)

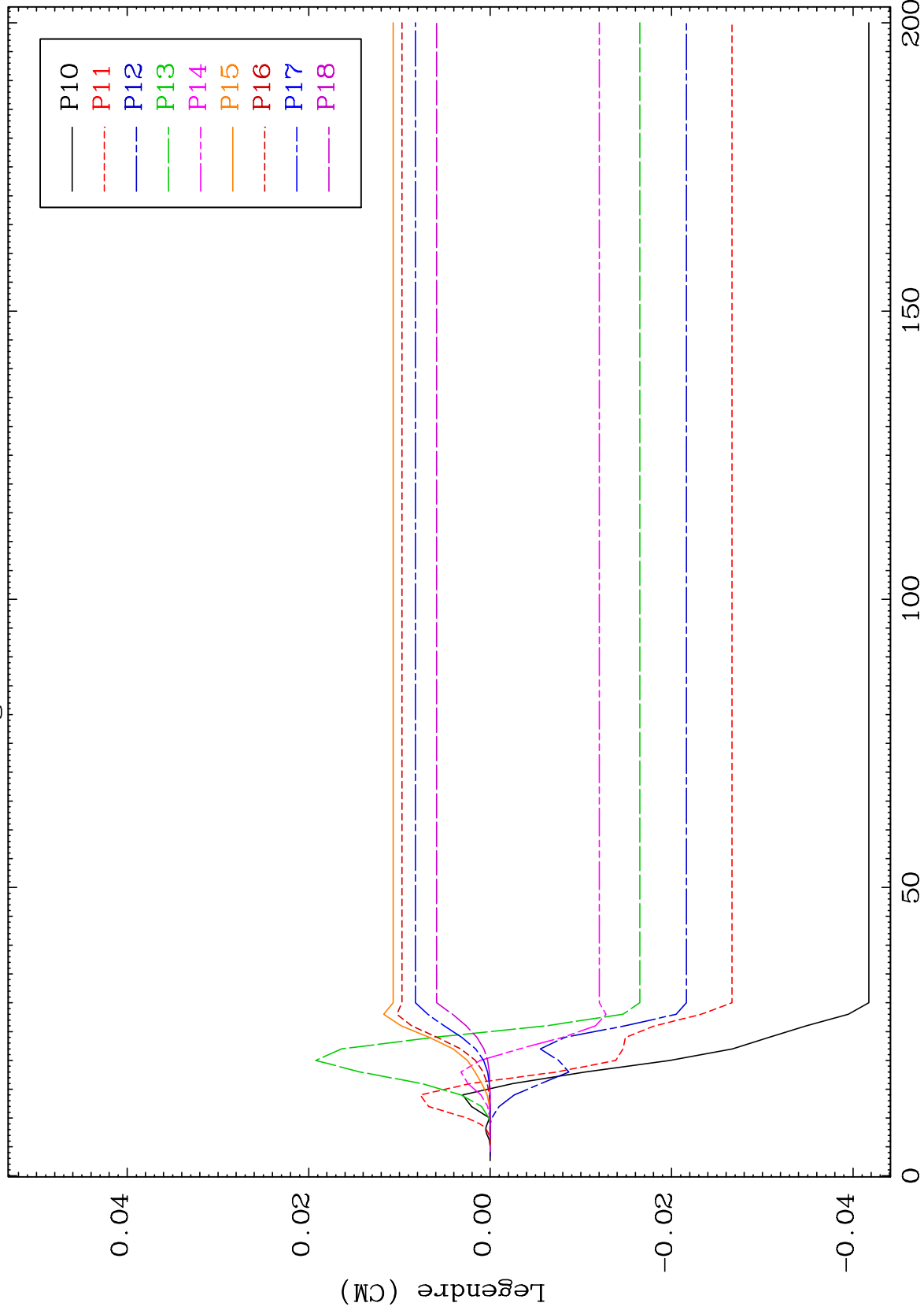
44-Ru-100



MAT 4437

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

44-Ru-100



61

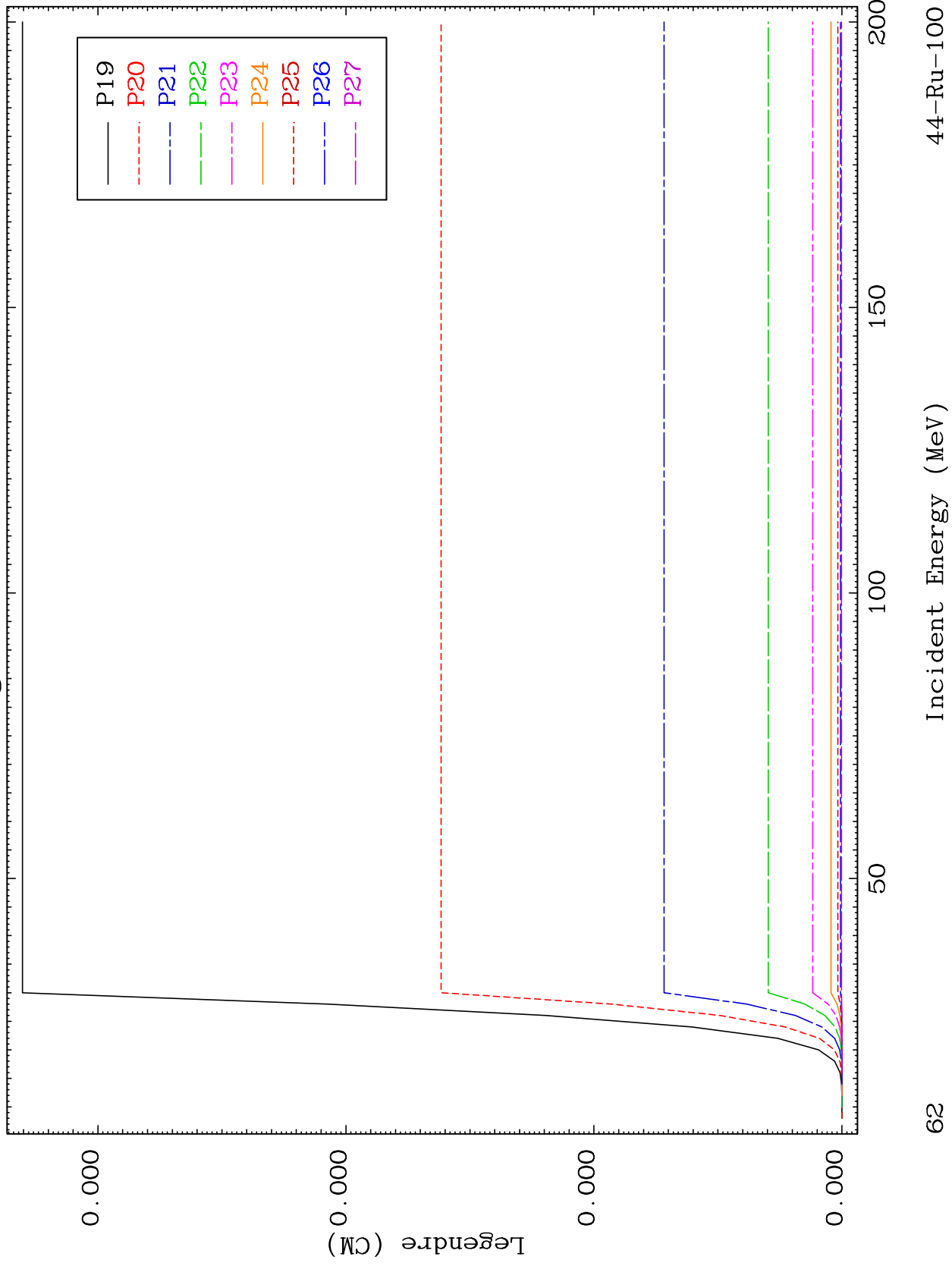
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



62

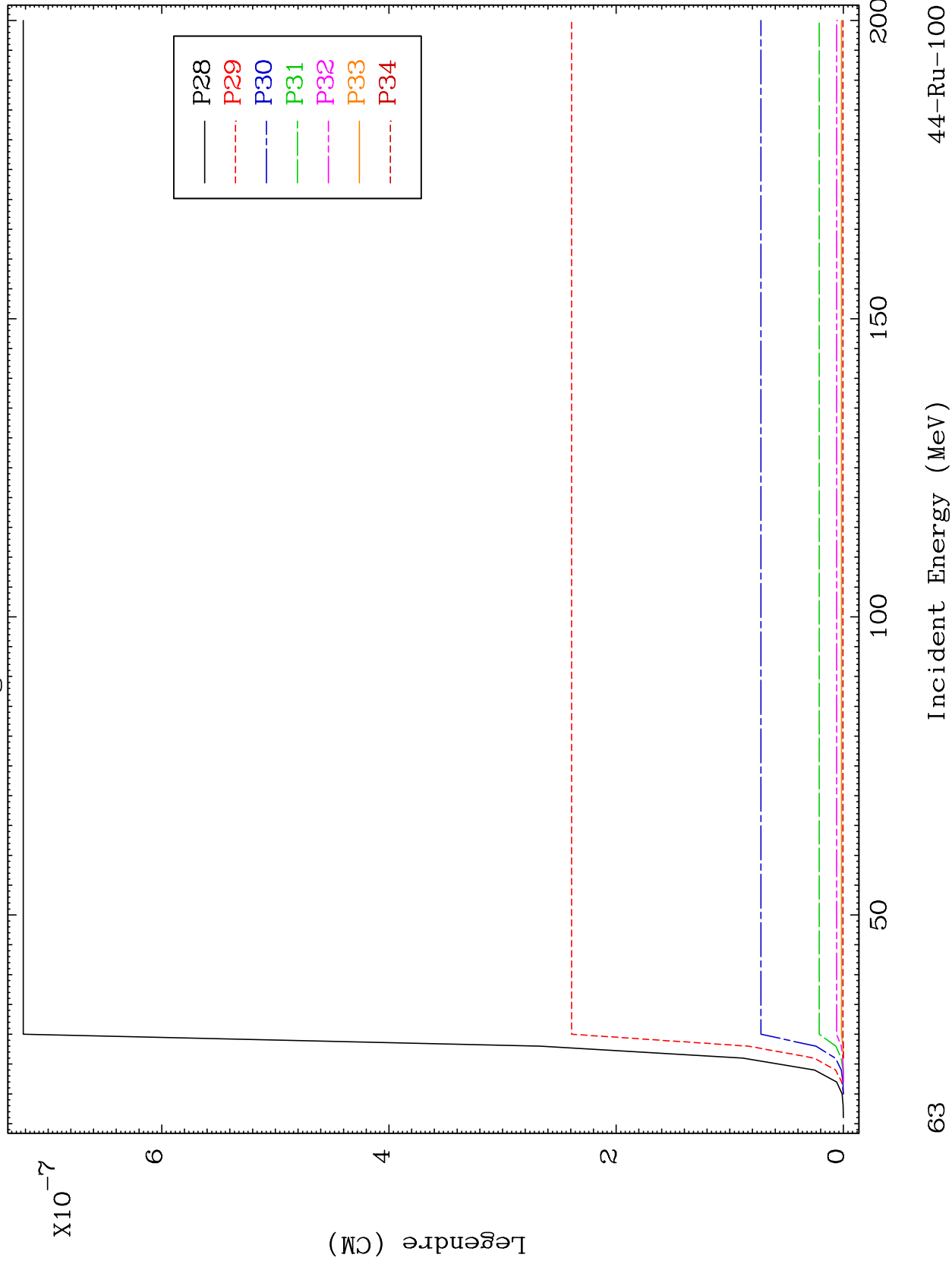
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



63

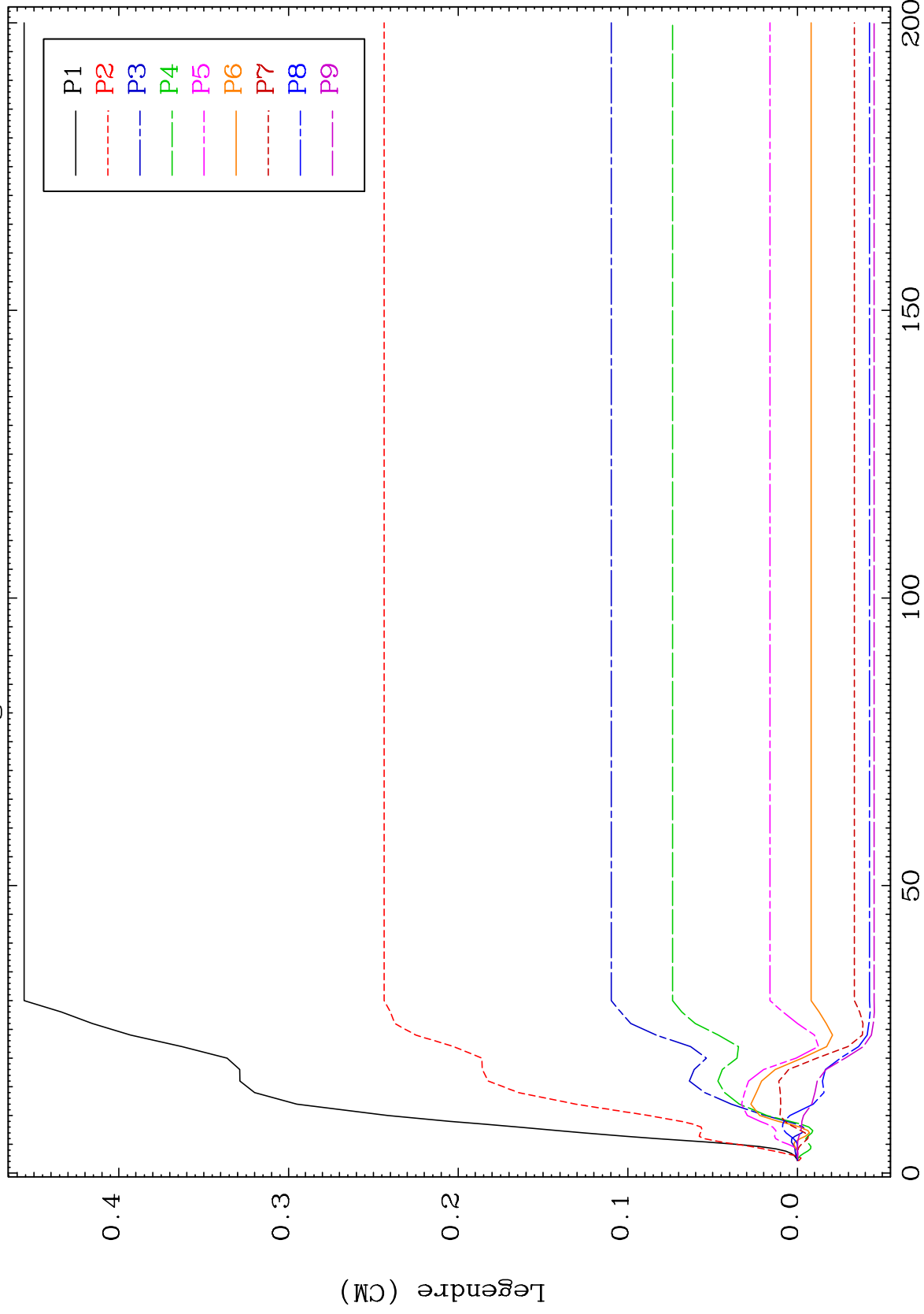
44-Ru-100



MAT 4437

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

44-Ru-100



64

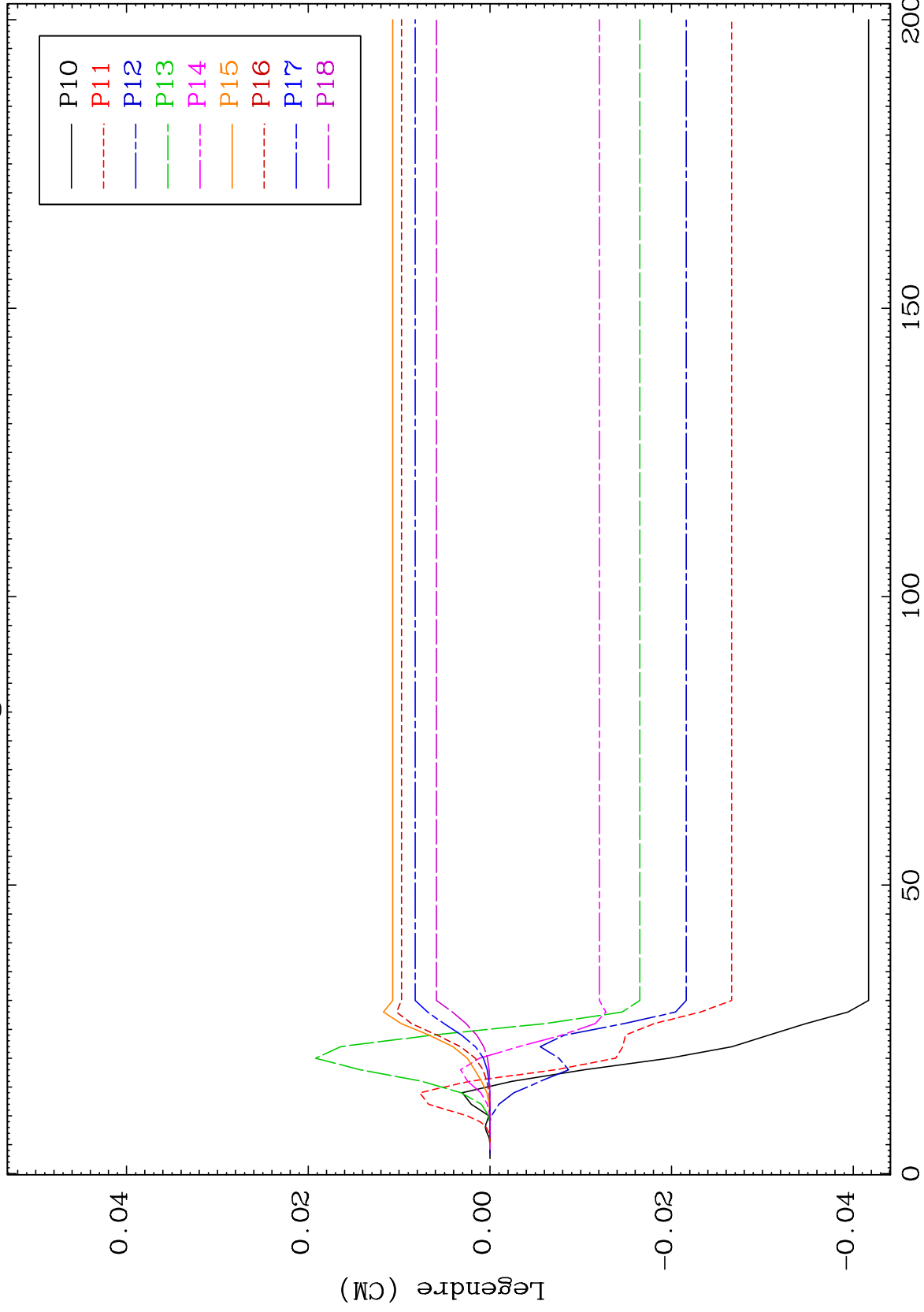
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



65

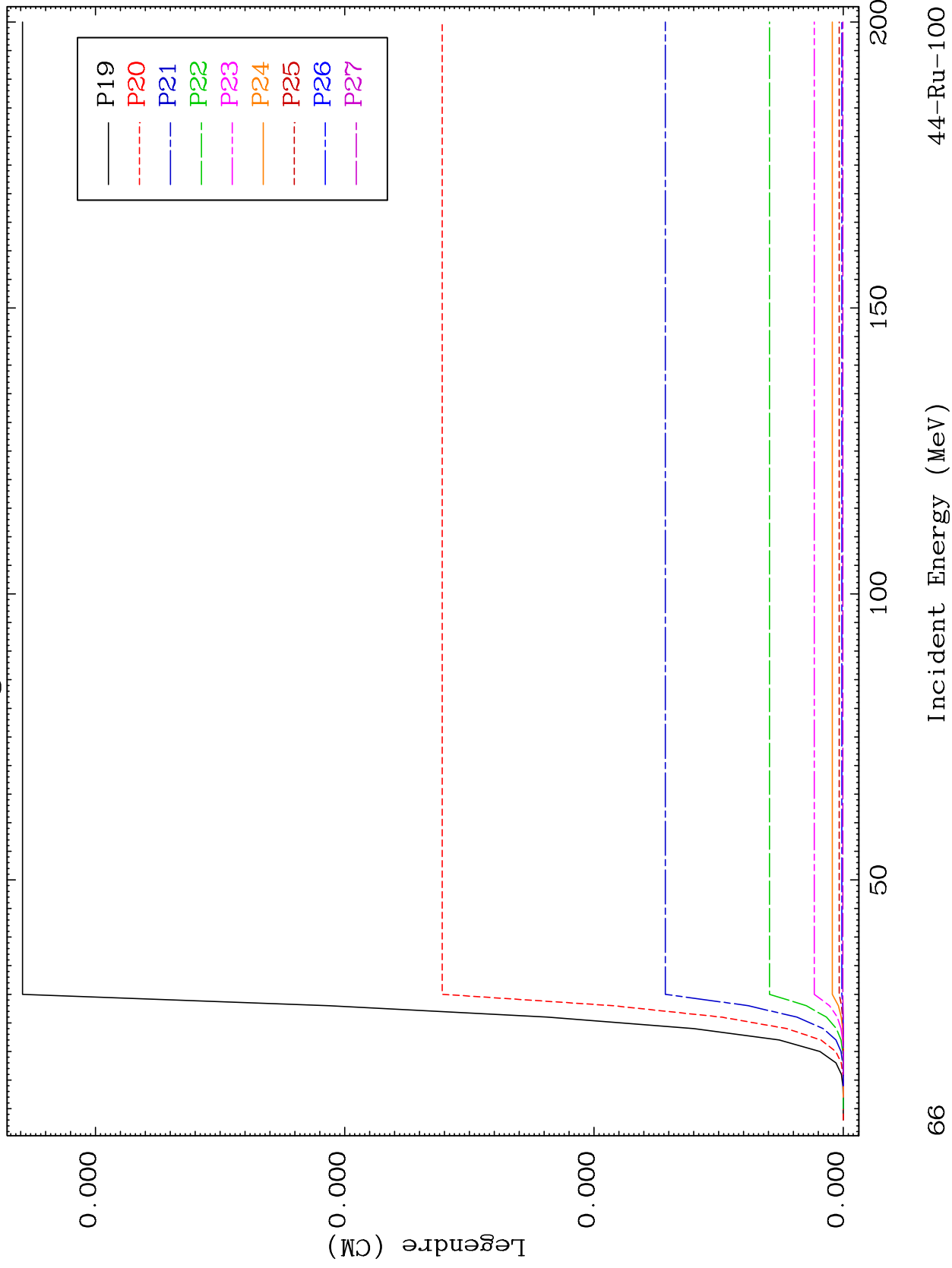
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



66

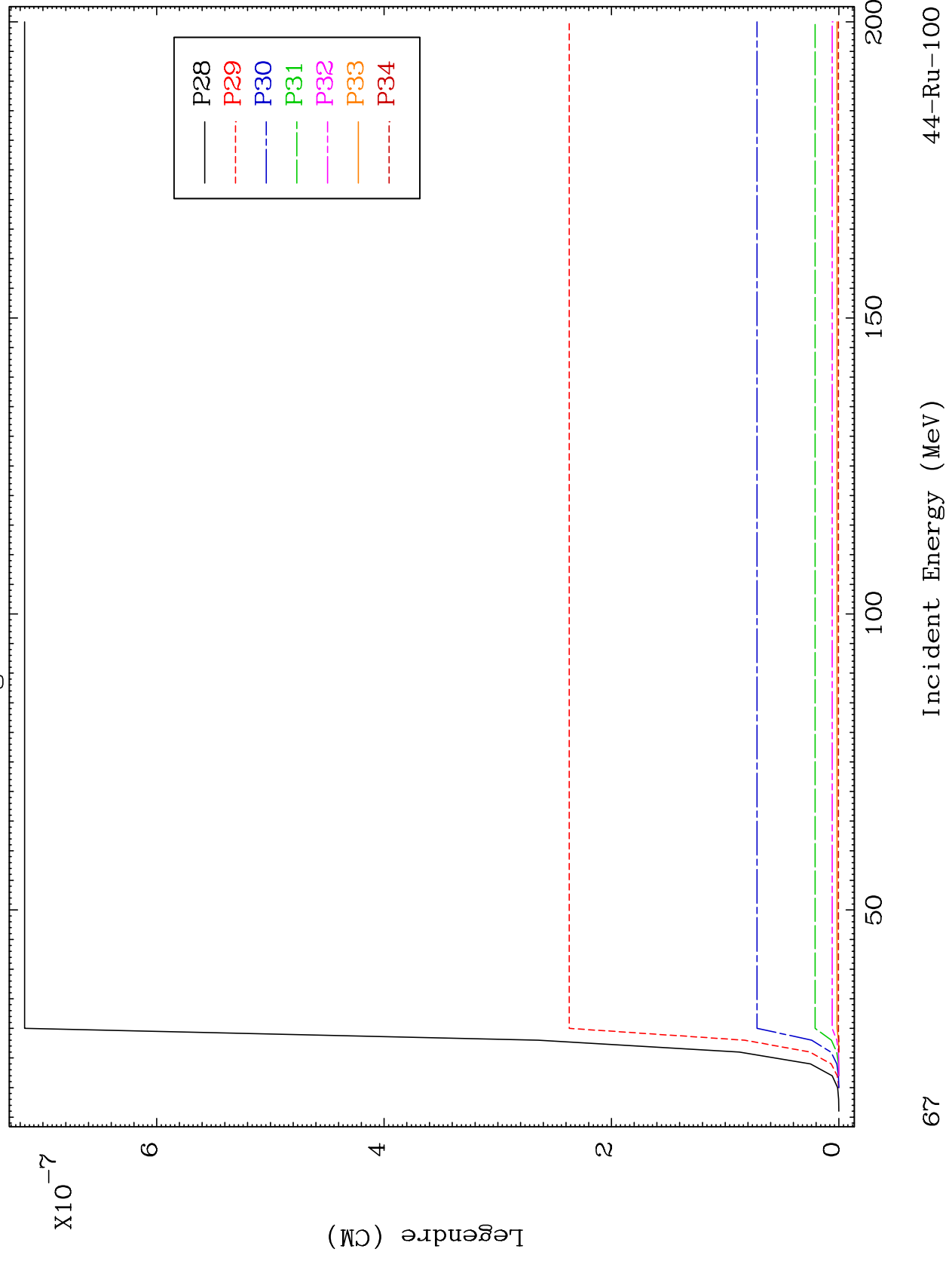
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



67

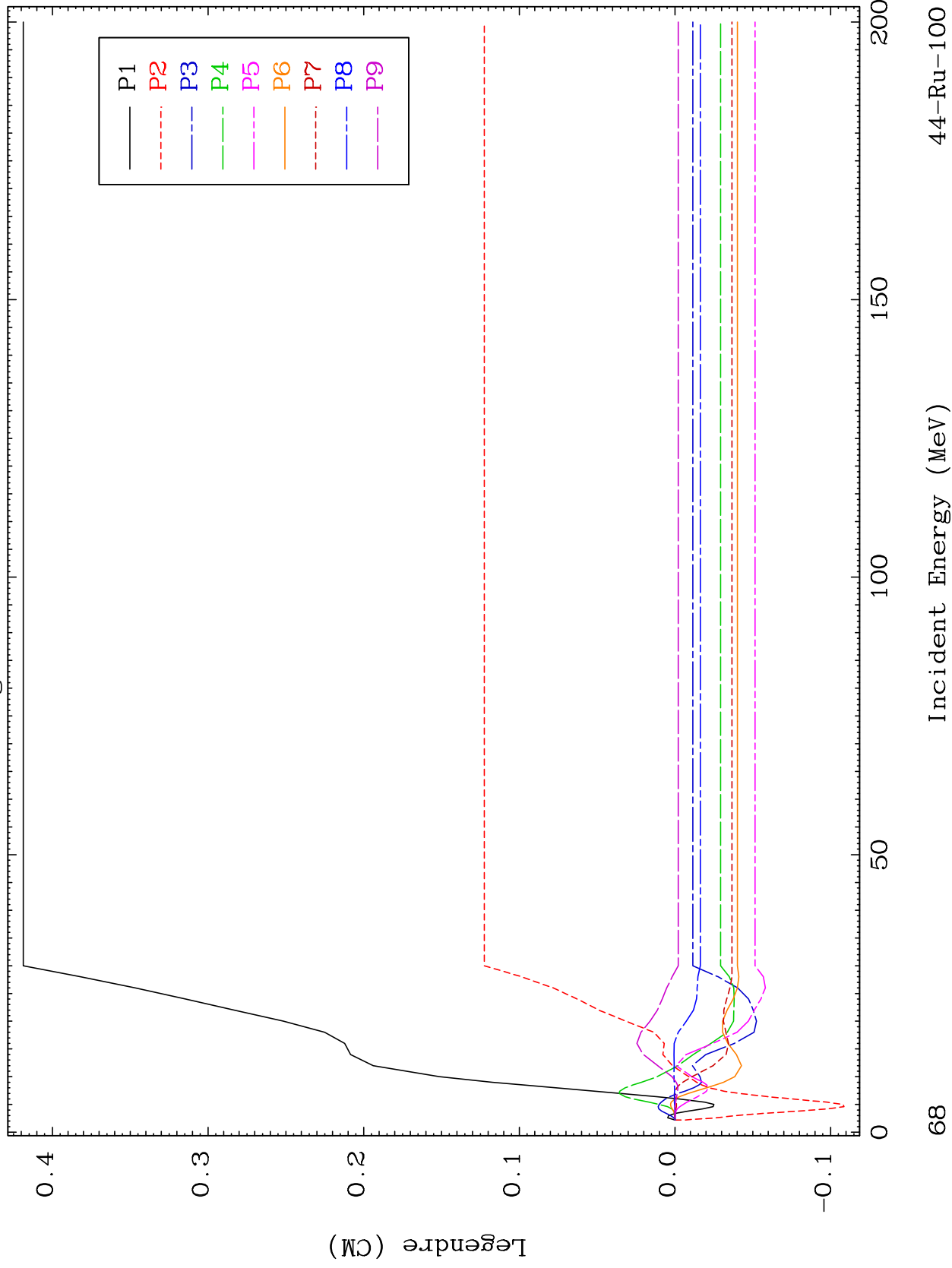
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



44-Ru-100

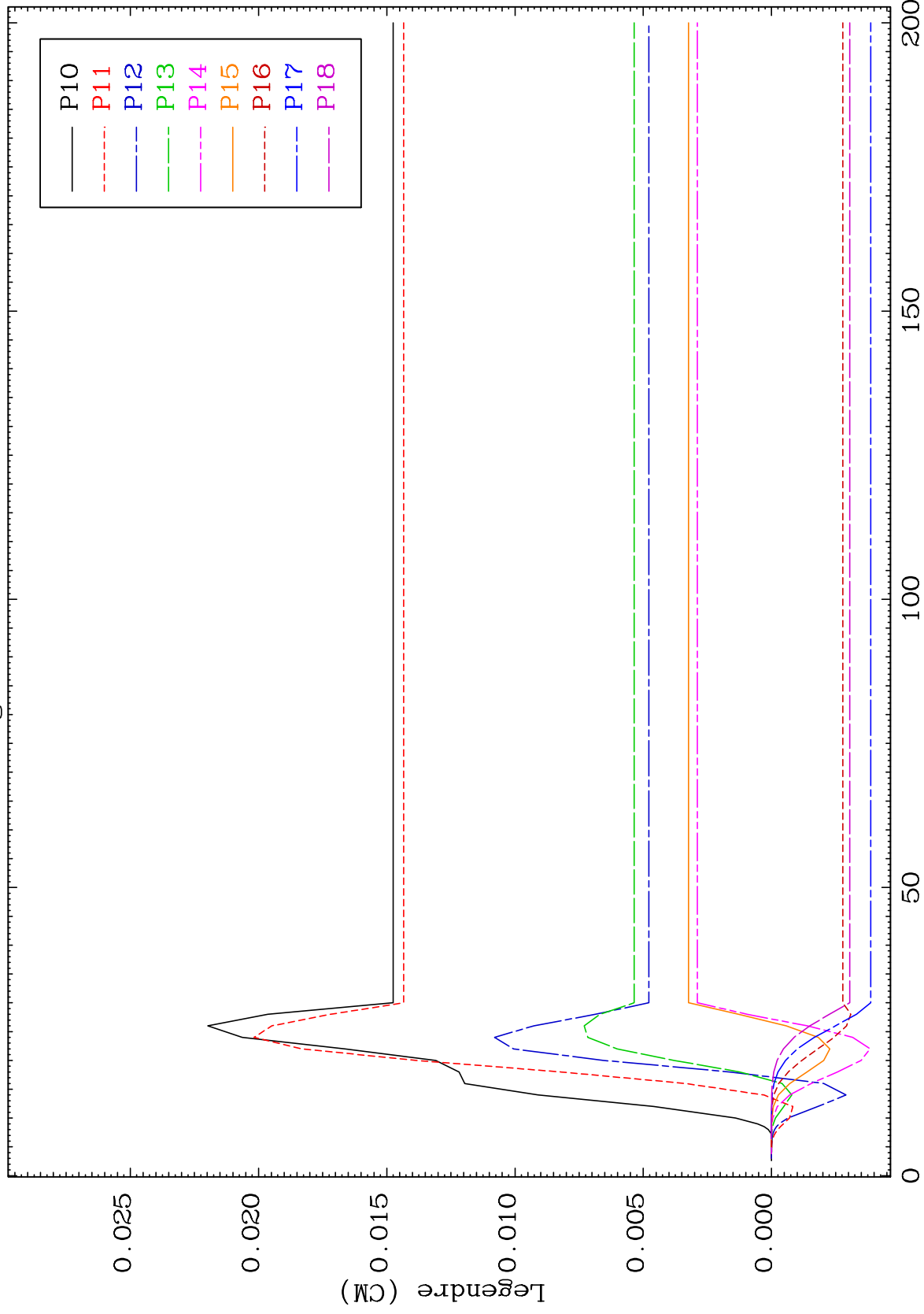
Incident Energy (MeV)

68

MAT 4437

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

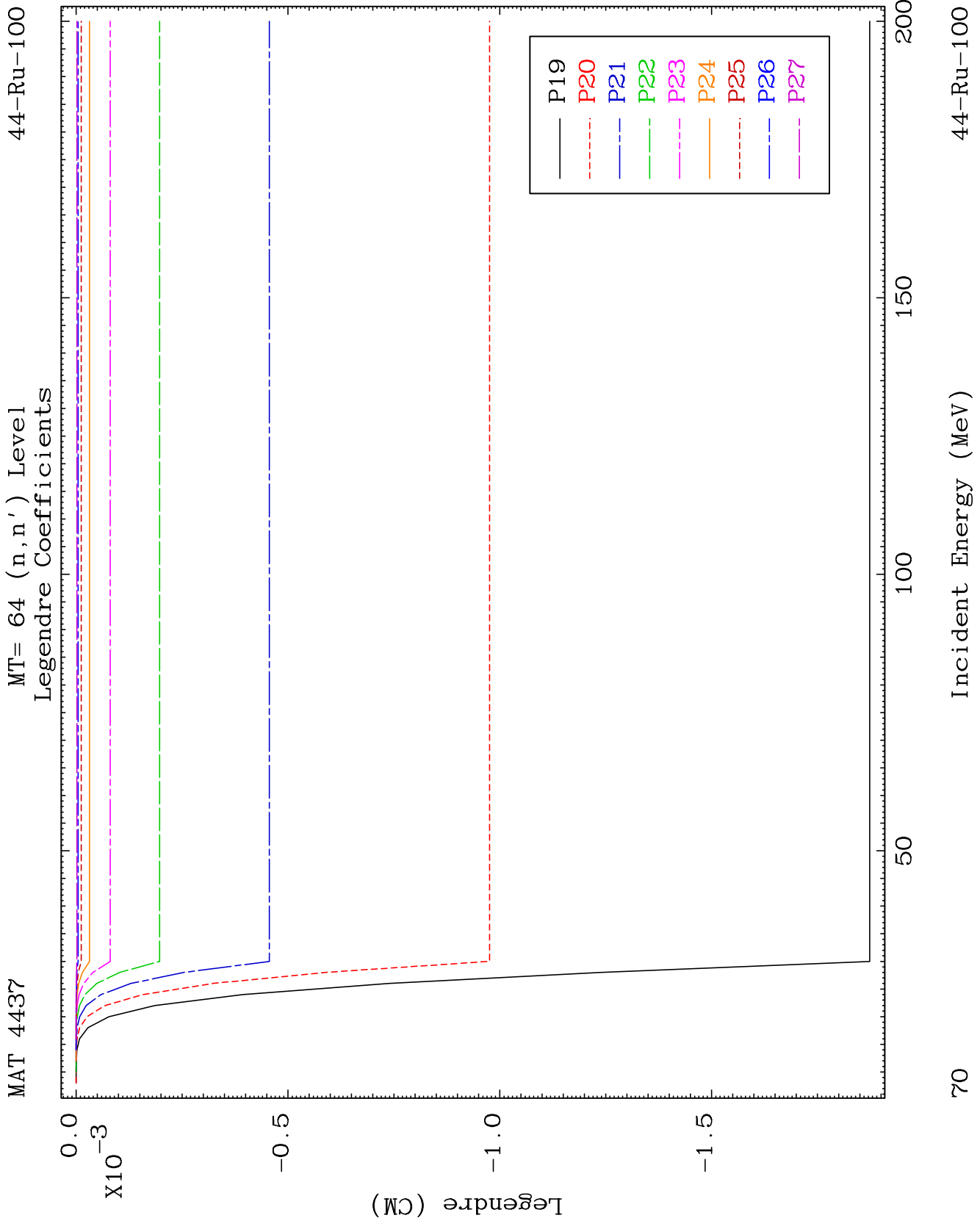
44-Ru-100

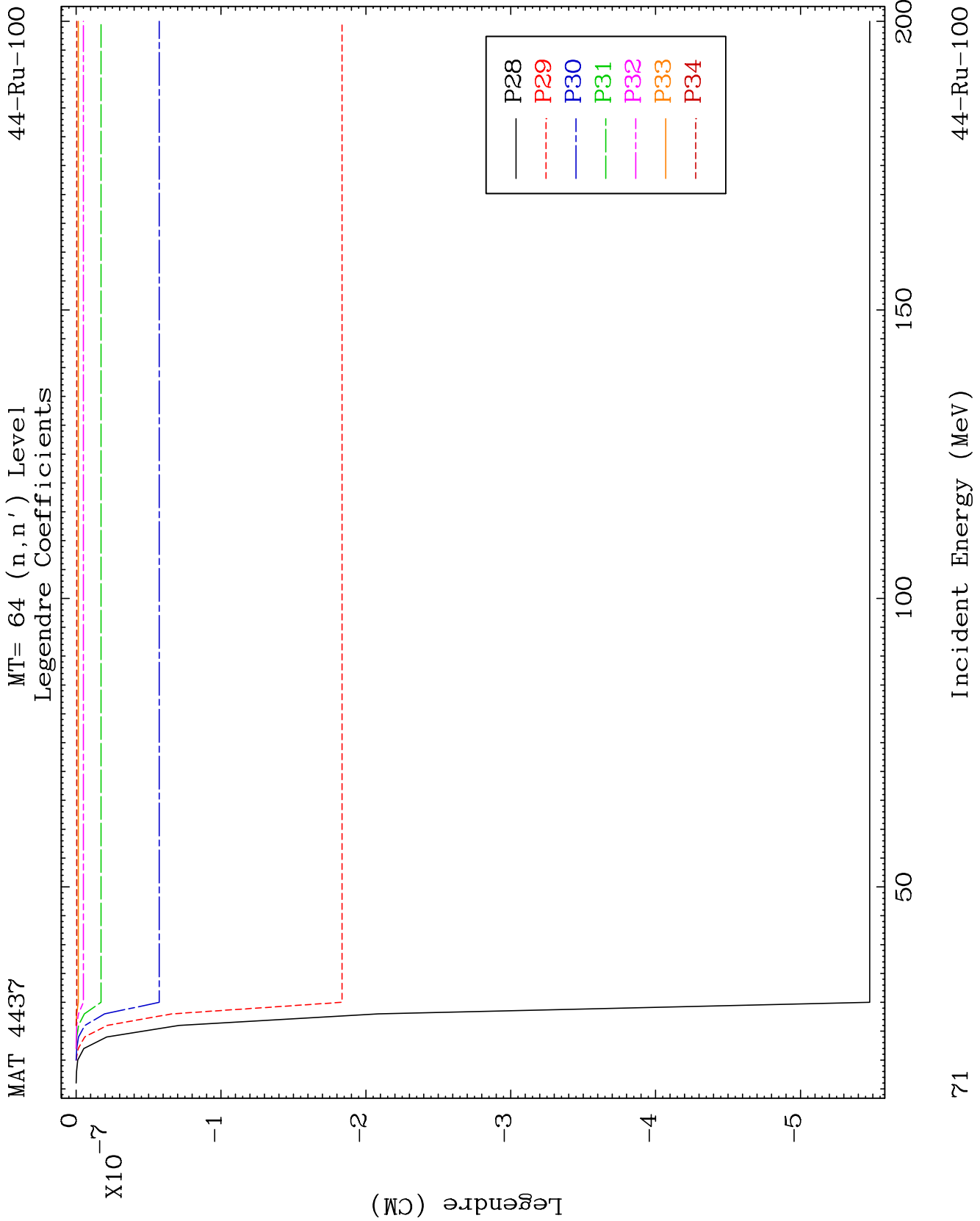


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Incident Energy (MeV)

44-Ru-100



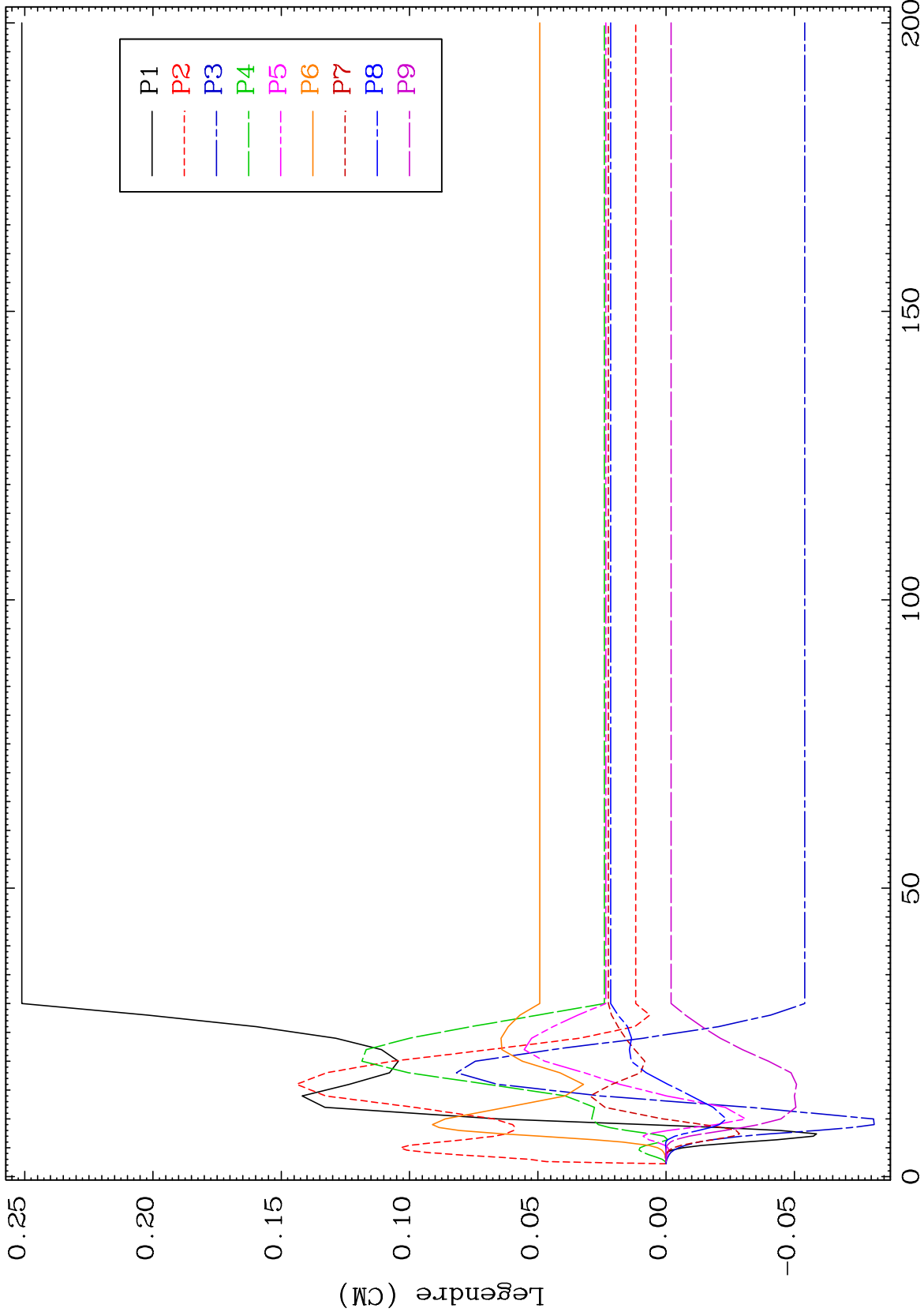




MAT 4437

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

44-Ru-100



72

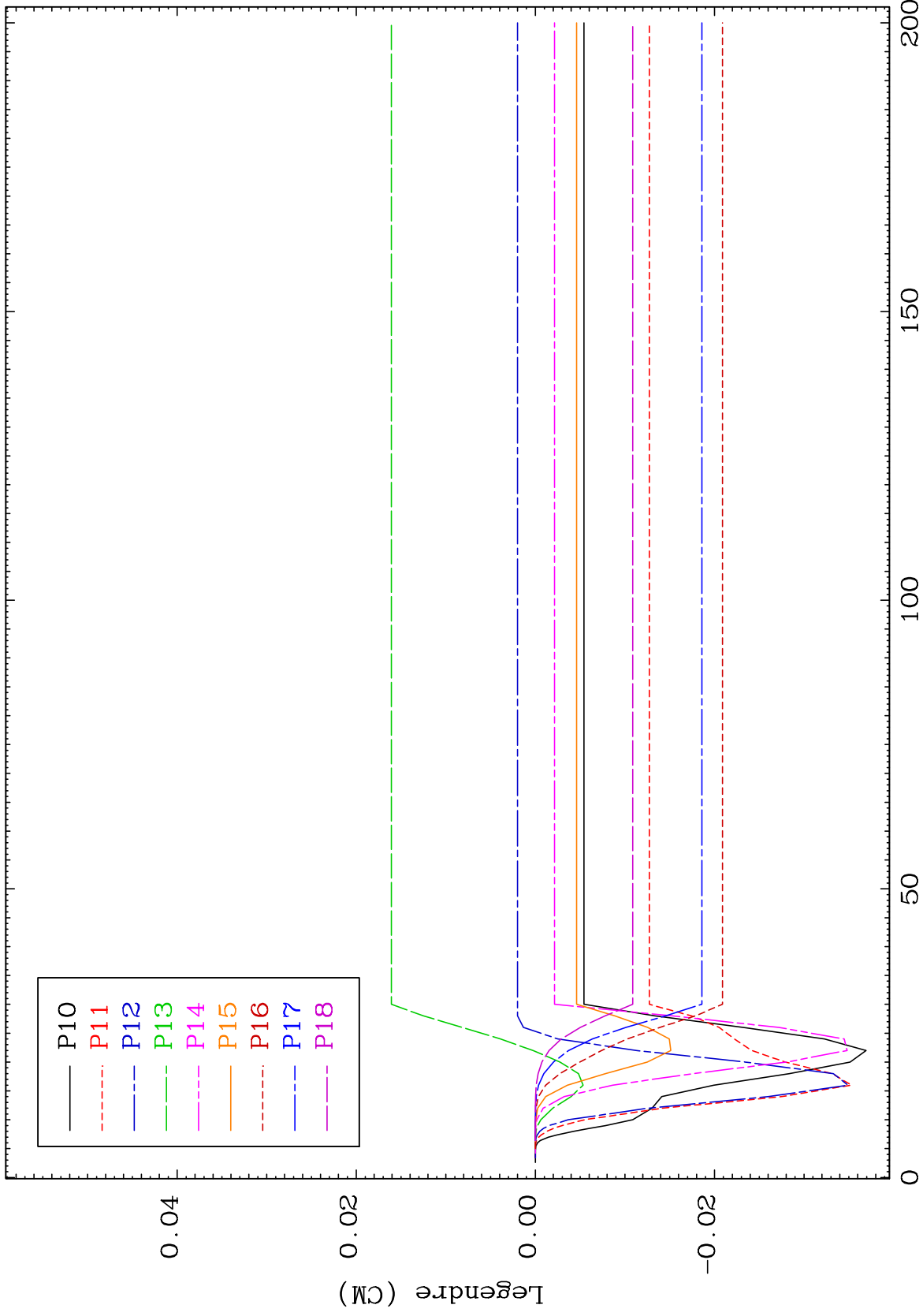
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

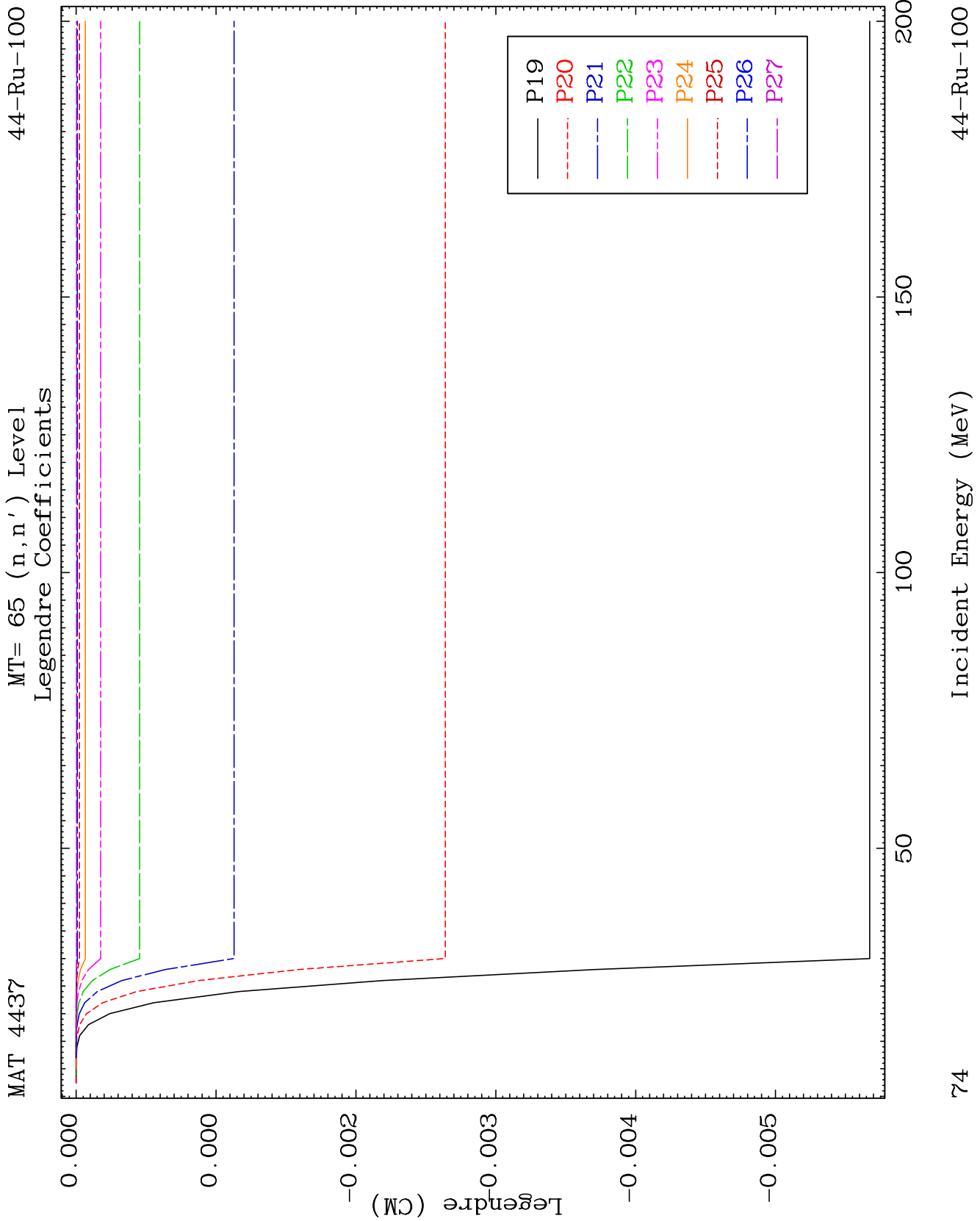
44-Ru-100

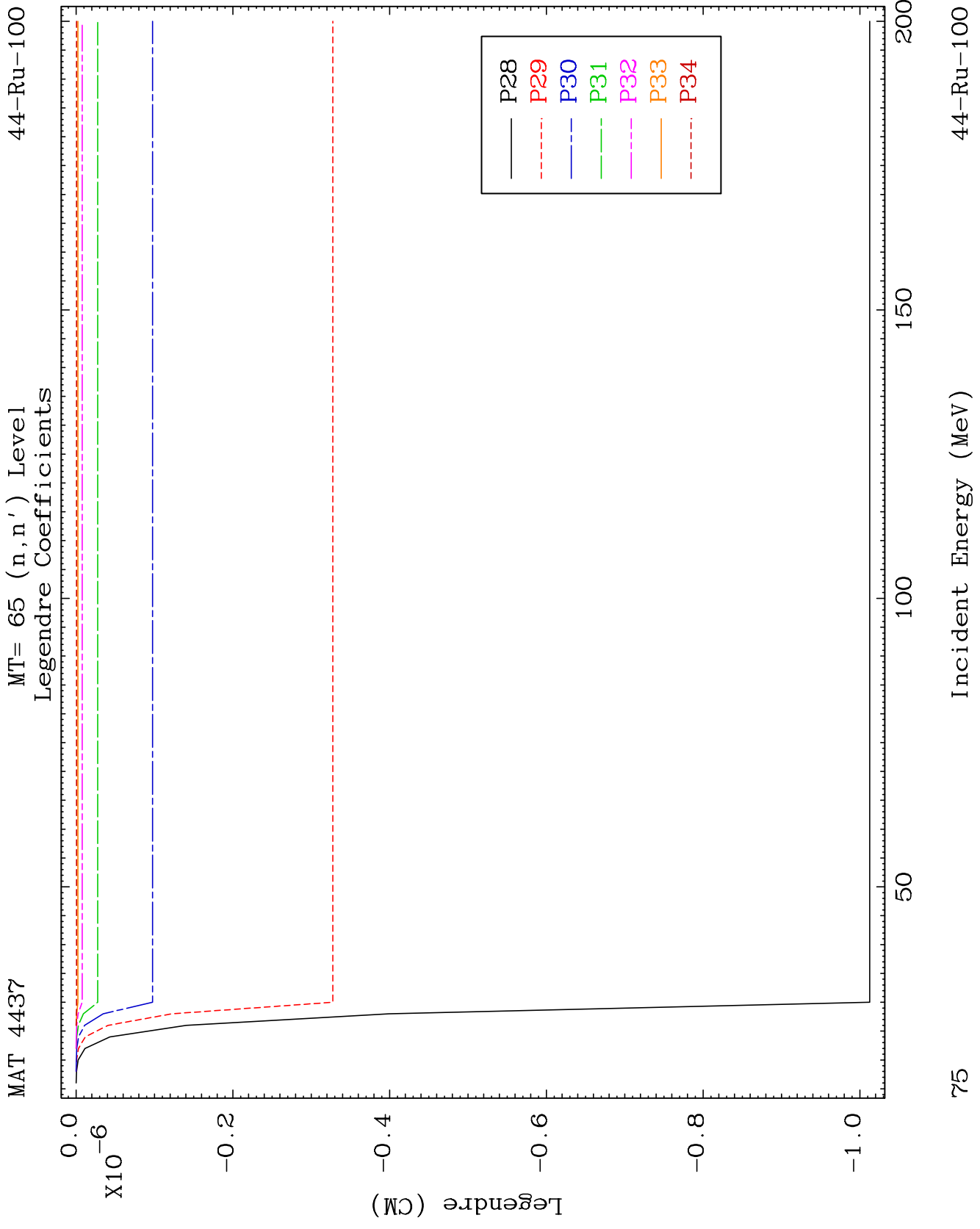


73

Incident Energy (MeV)

44-Ru-100

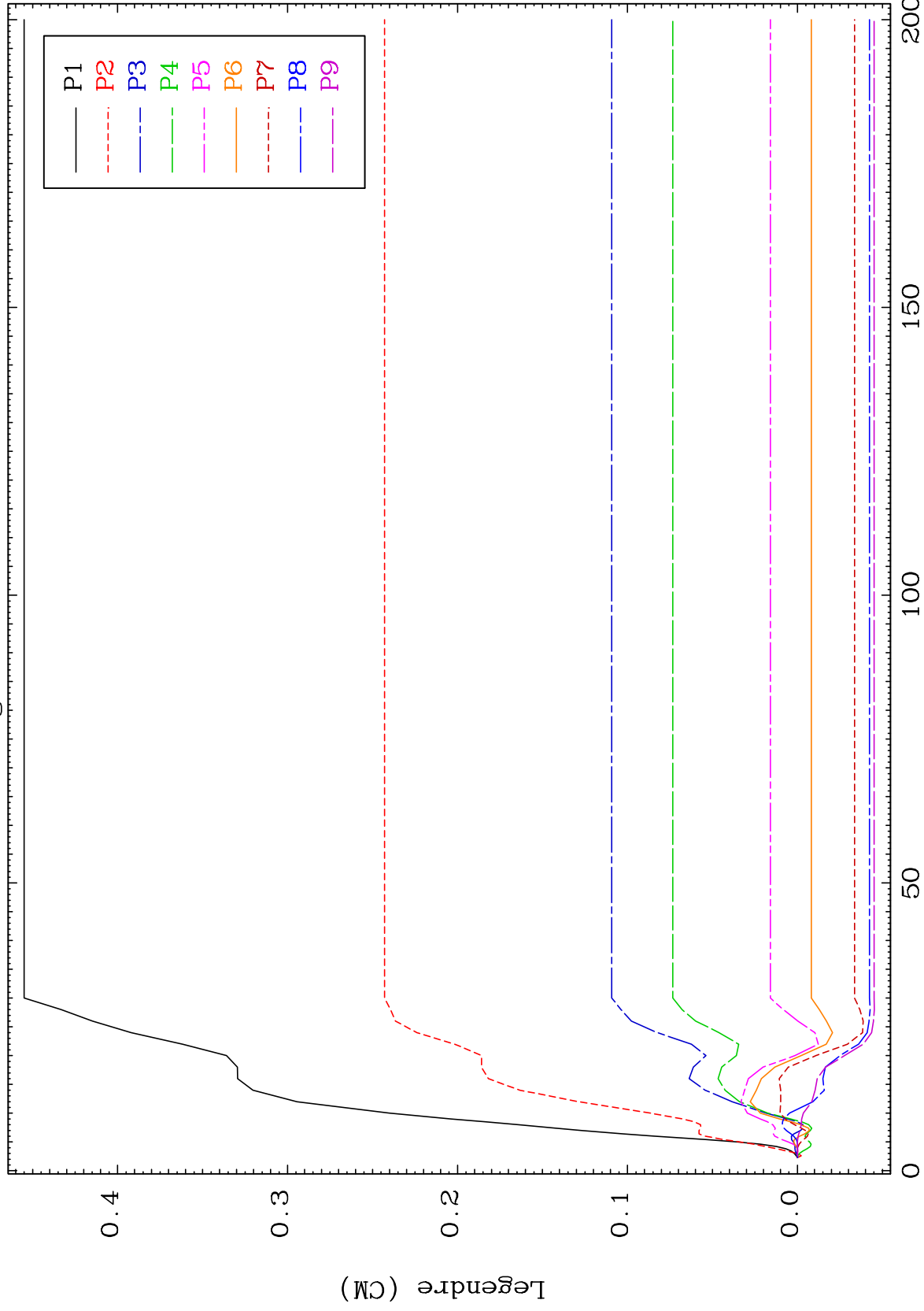




MAT 4437

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

44-Ru-100



76

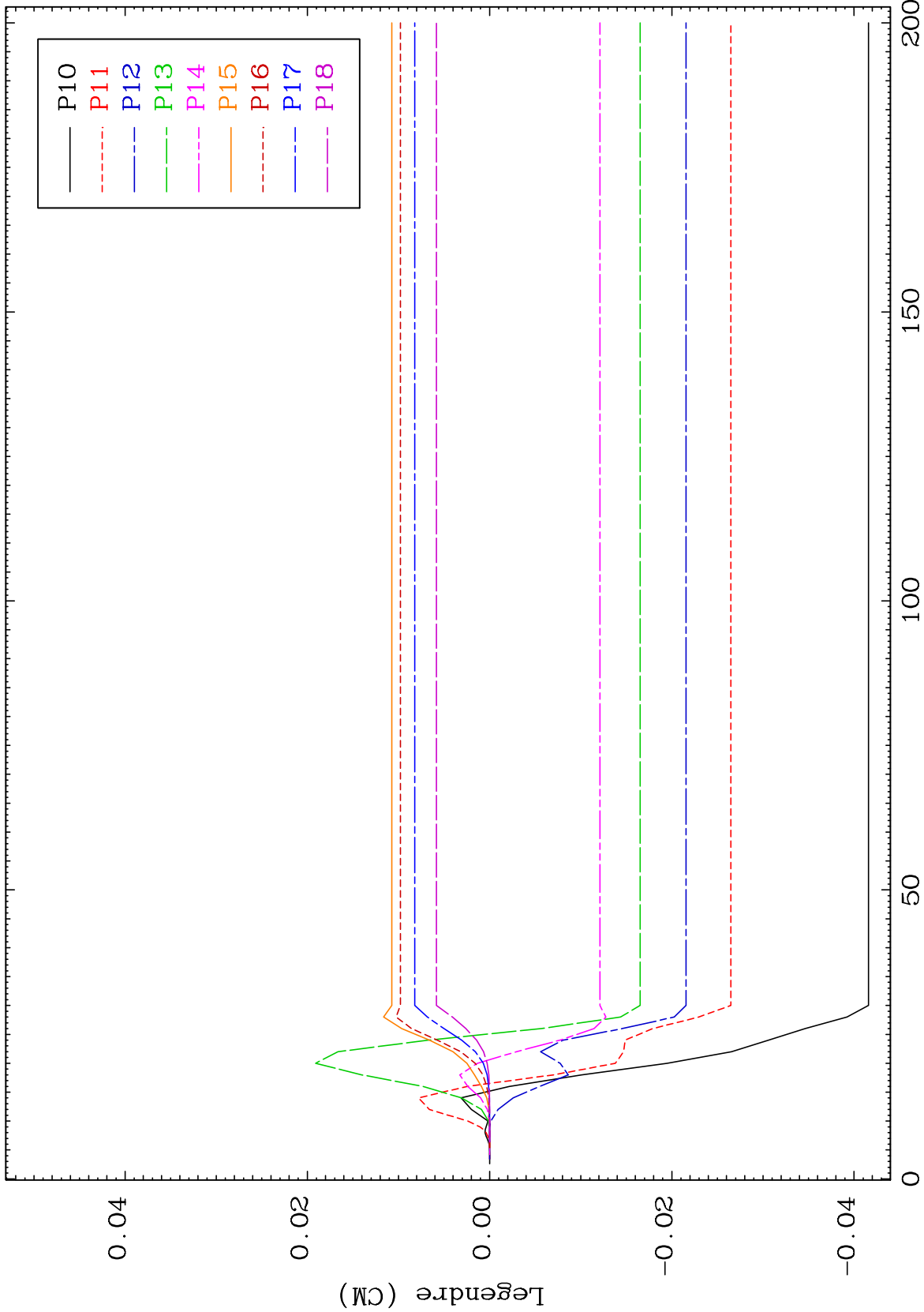
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



77

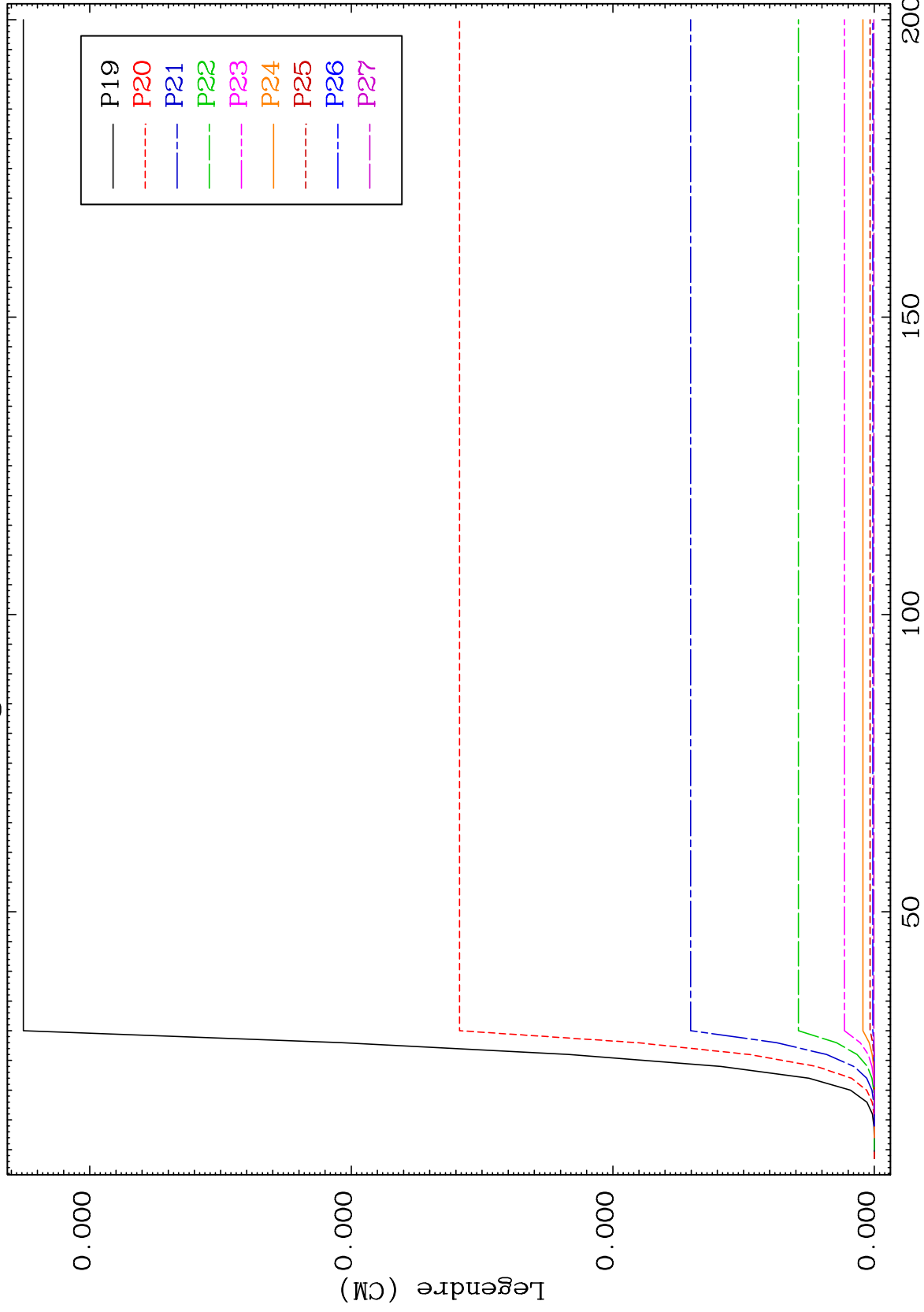
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



78

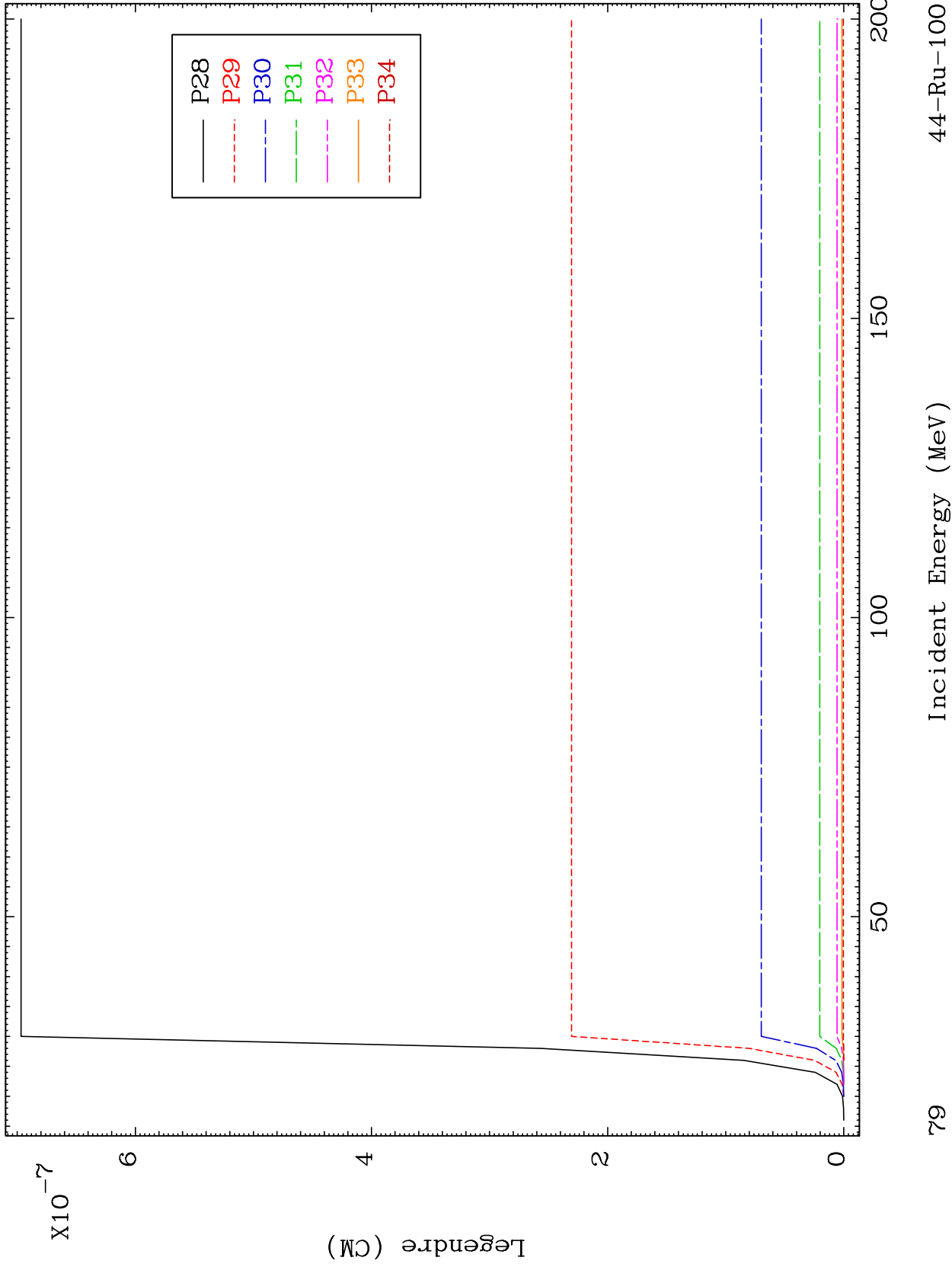
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100

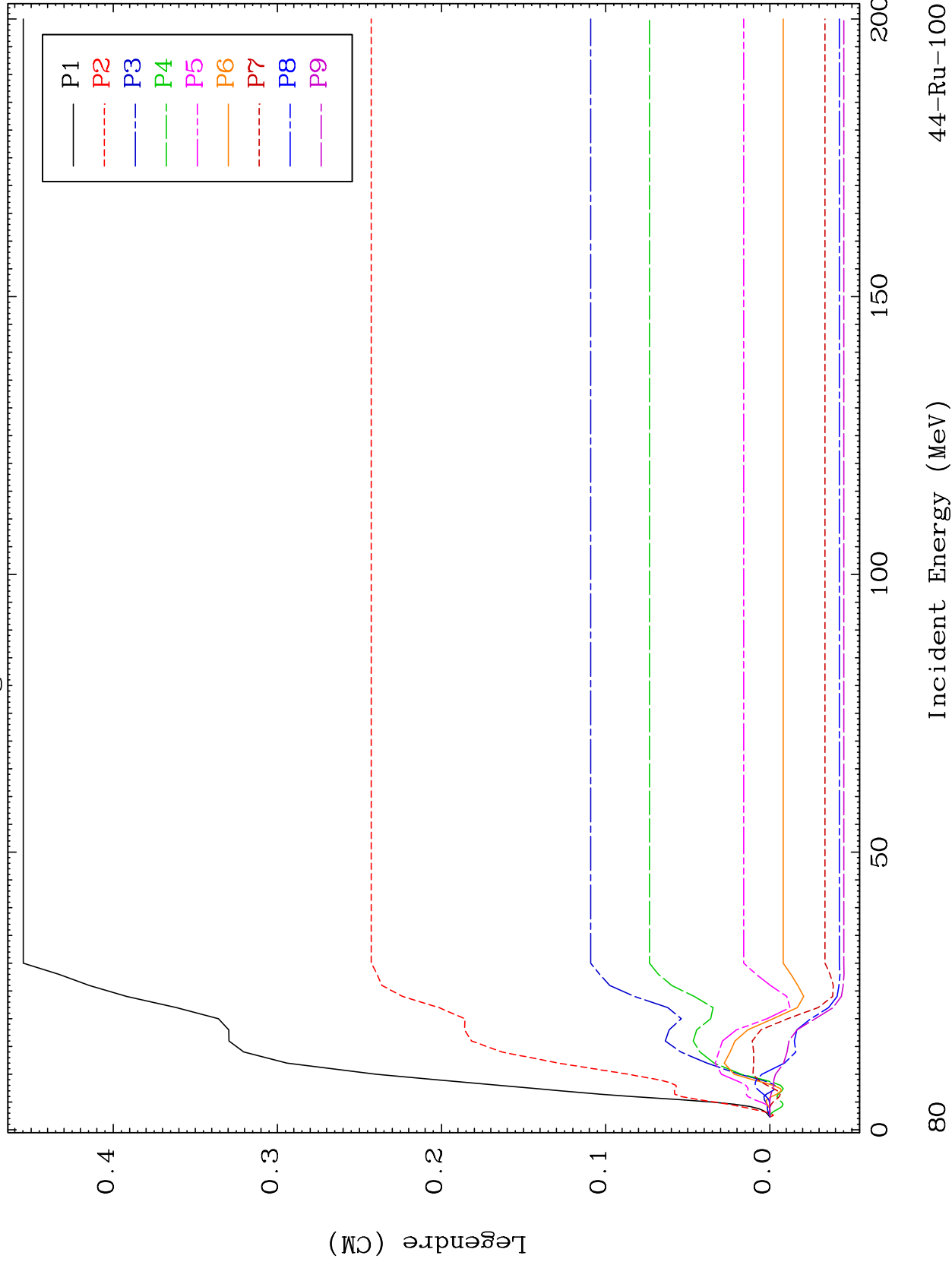




MAT 4437

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

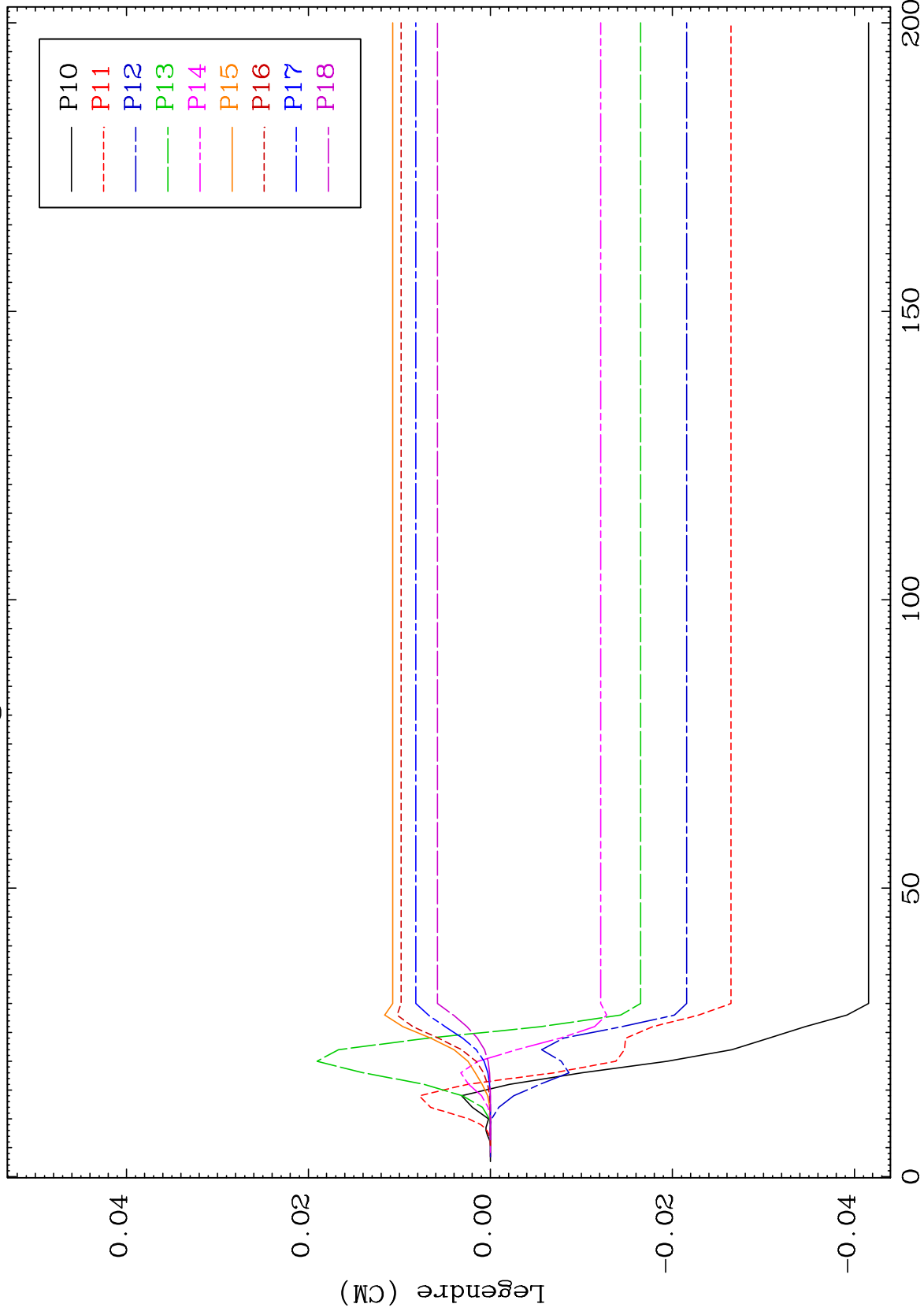
44-Ru-100



MAT 4437

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

44-Ru-100



81

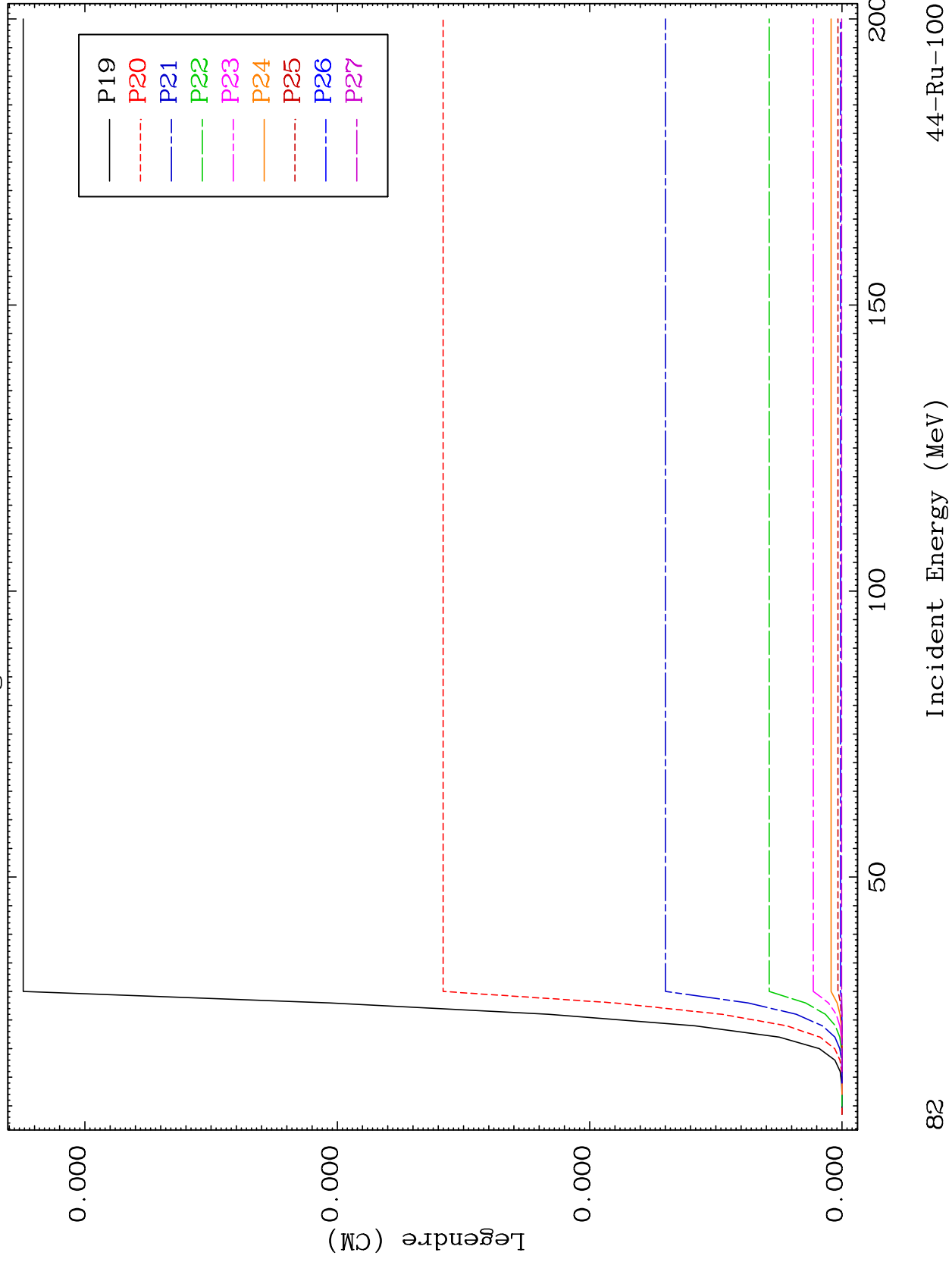
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



82

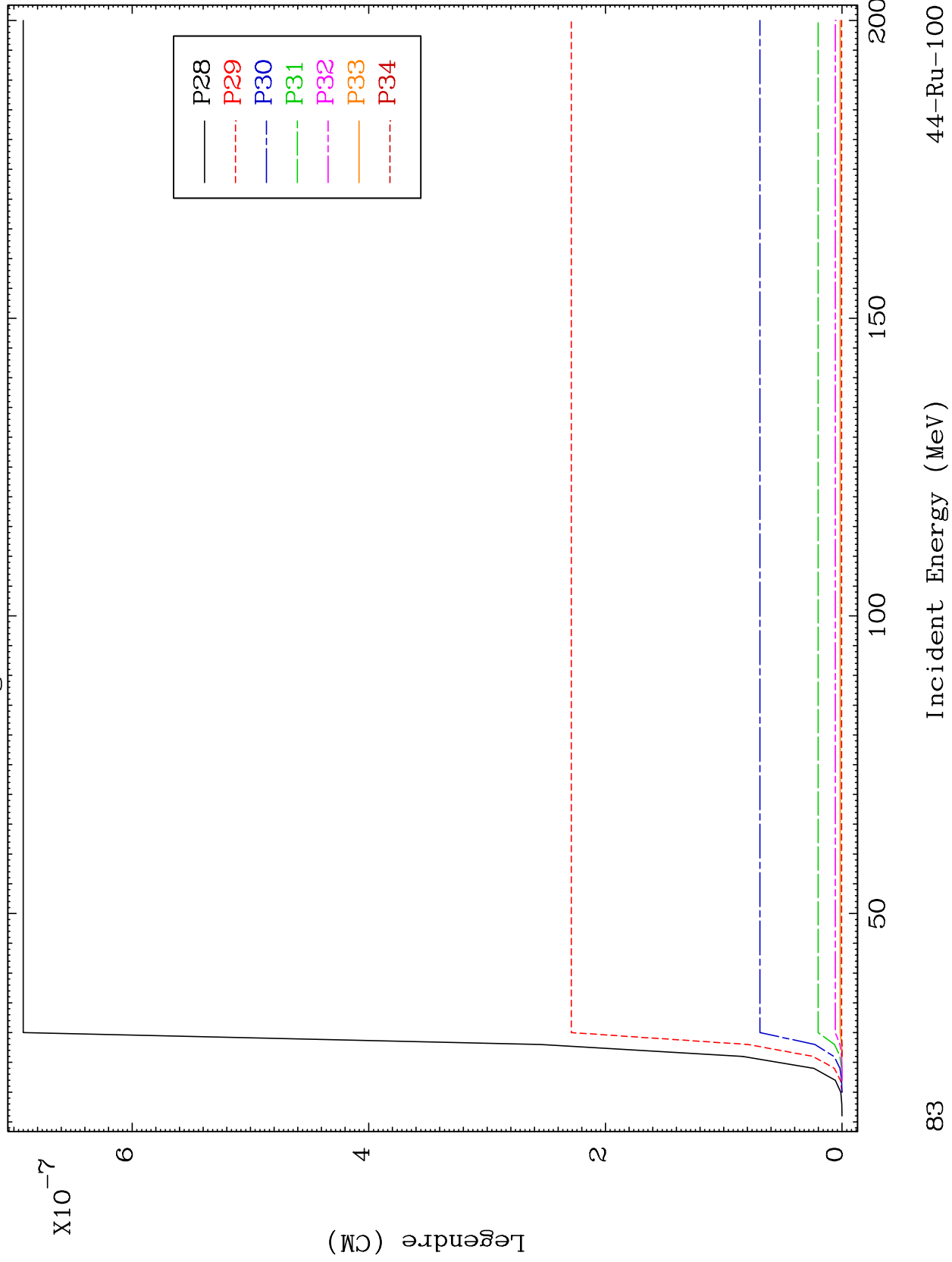
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

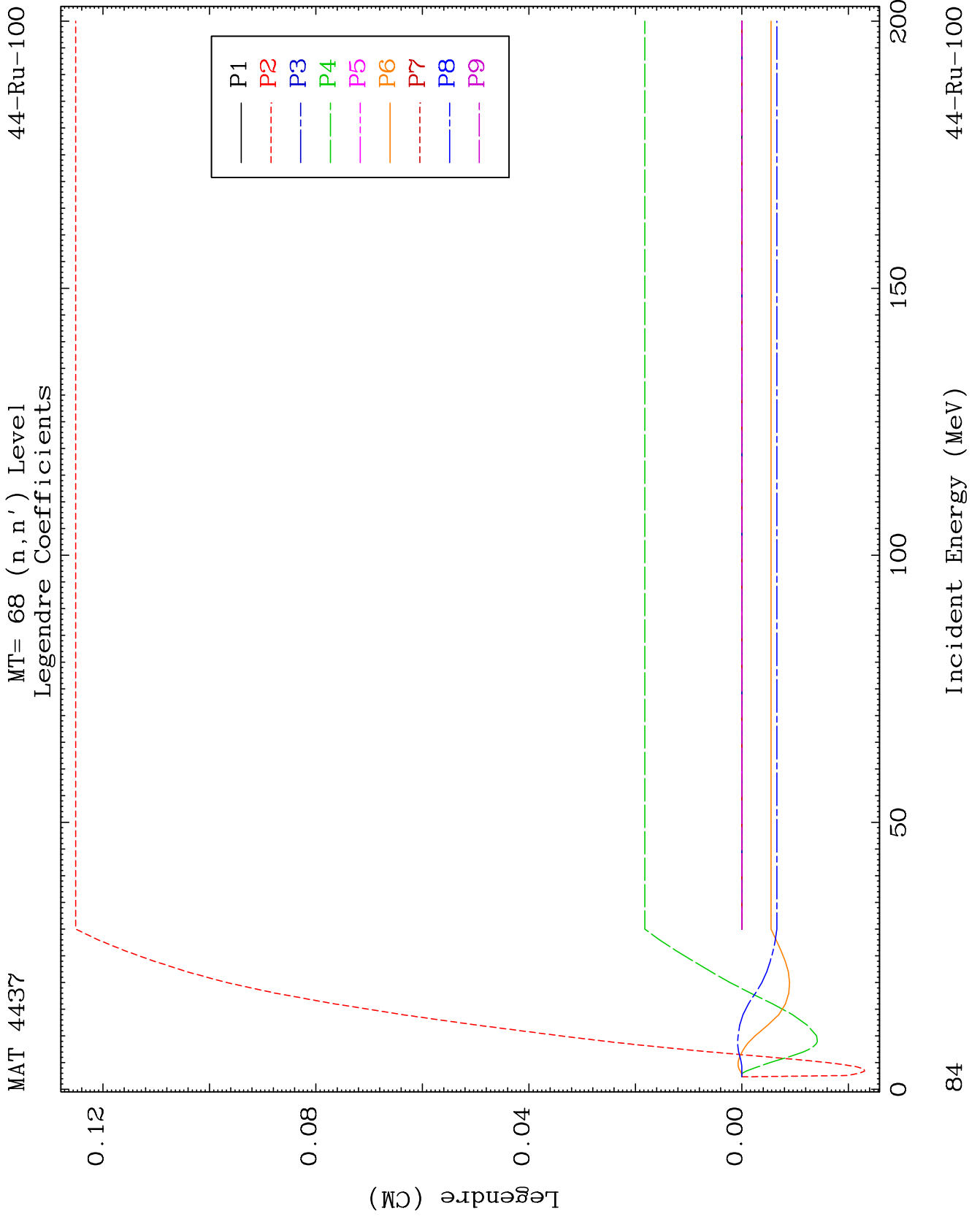
44-Ru-100



83

Incident Energy (MeV)

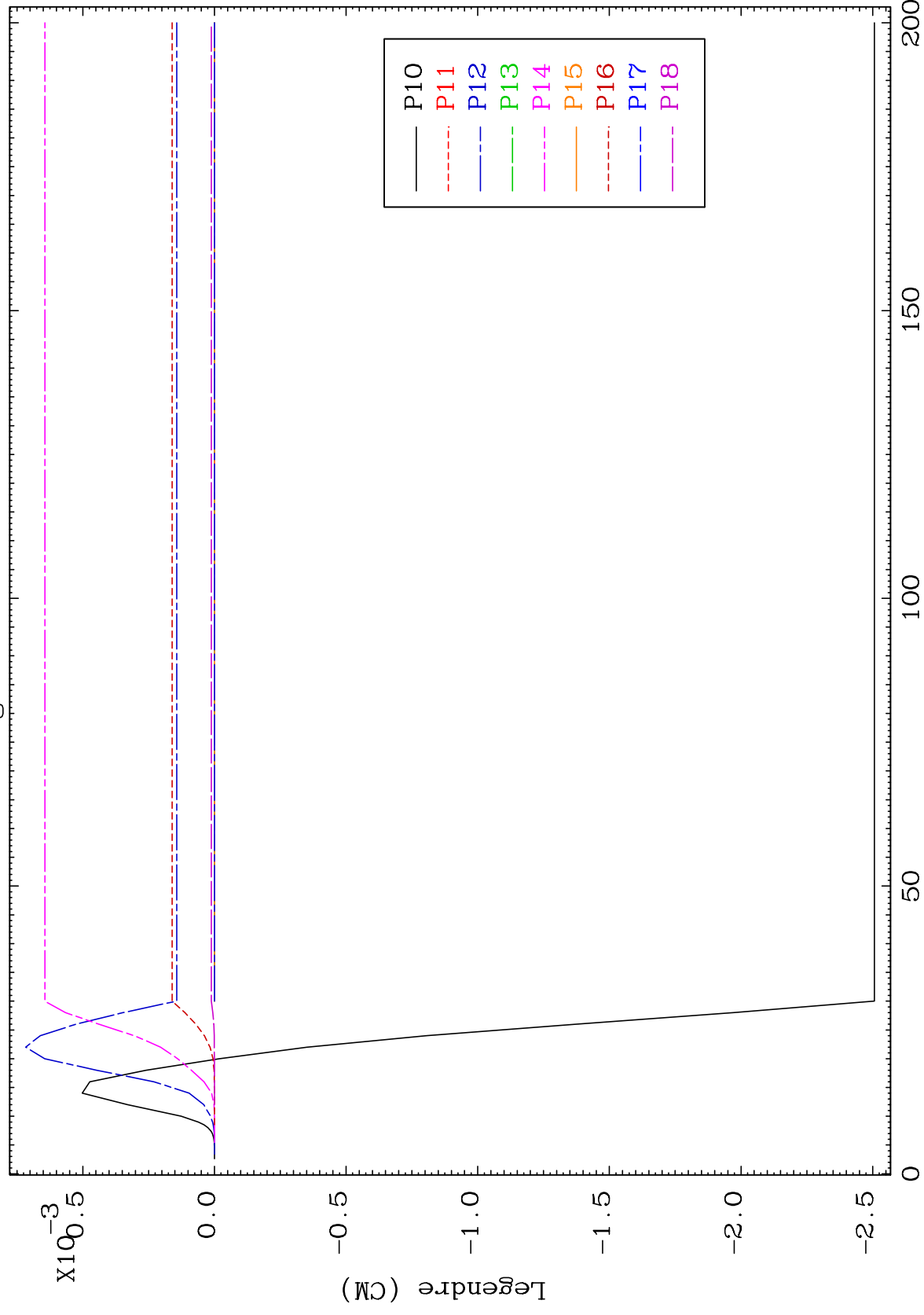
44-Ru-100



MAT 4437

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

44-Ru-100



85

Incident Energy (MeV)

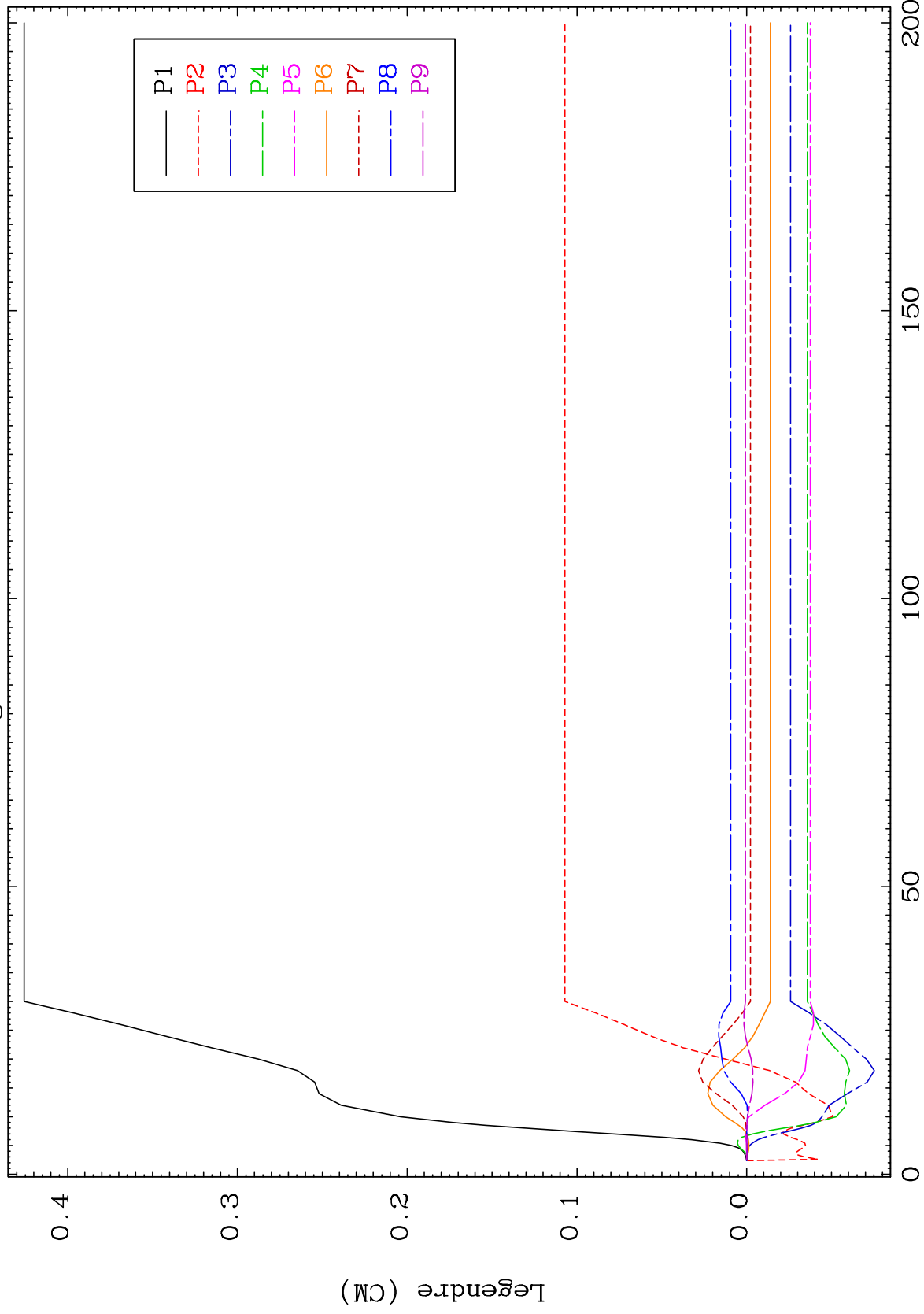
44-Ru-100



MAT 4437

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

44-Ru-100



87

Incident Energy (MeV)

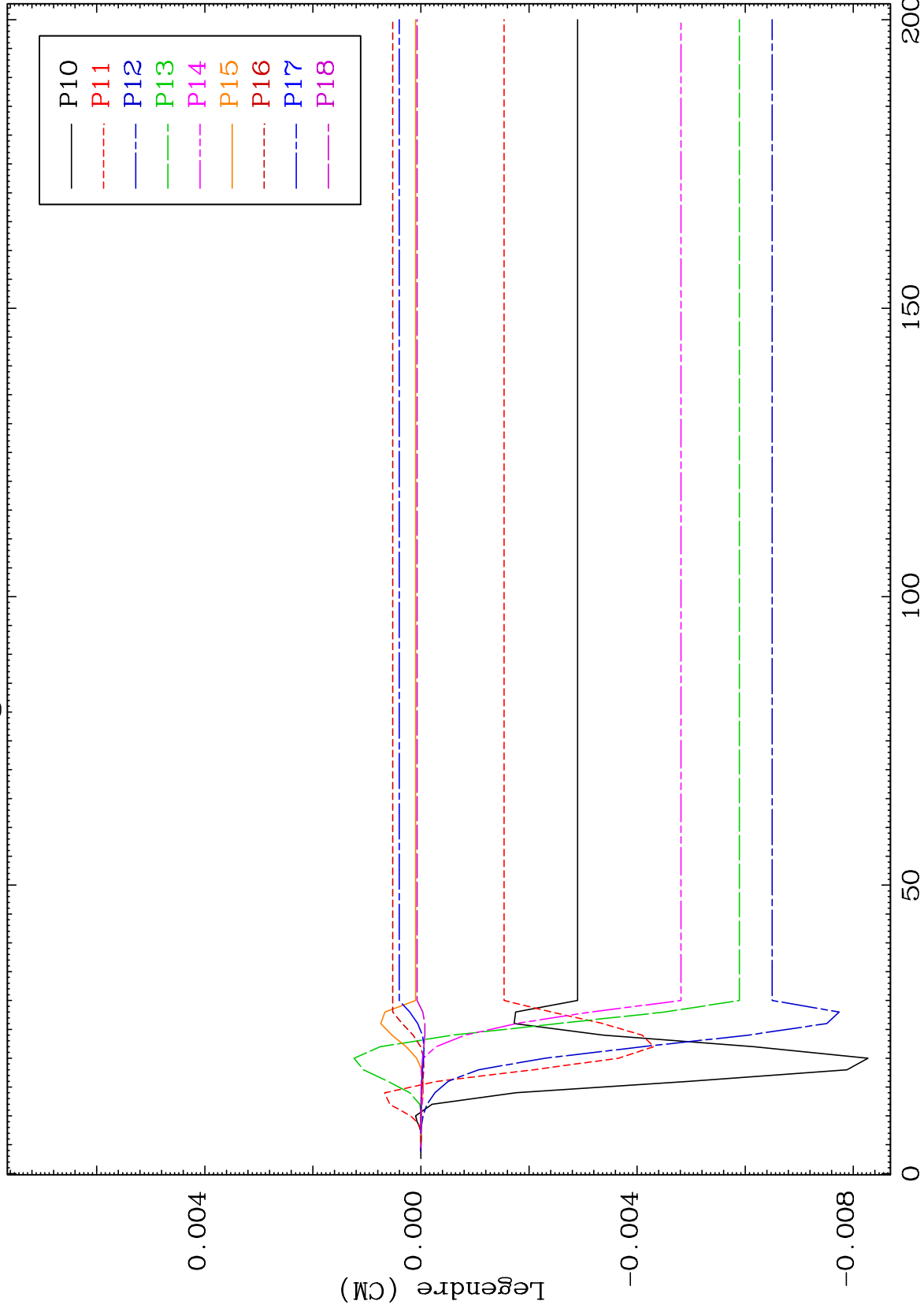
44-Ru-100



MAT 4437

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

44-Ru-100



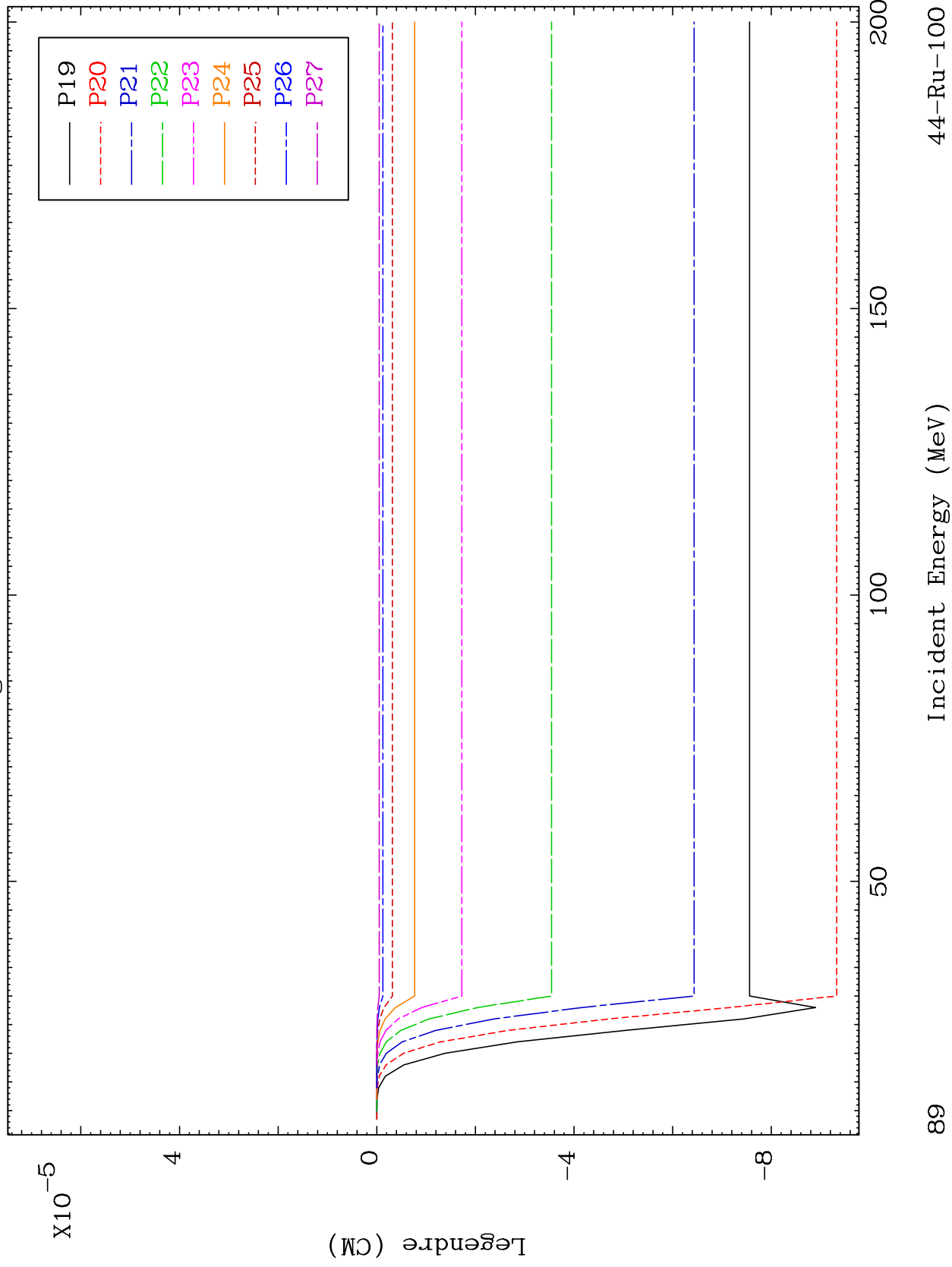
88

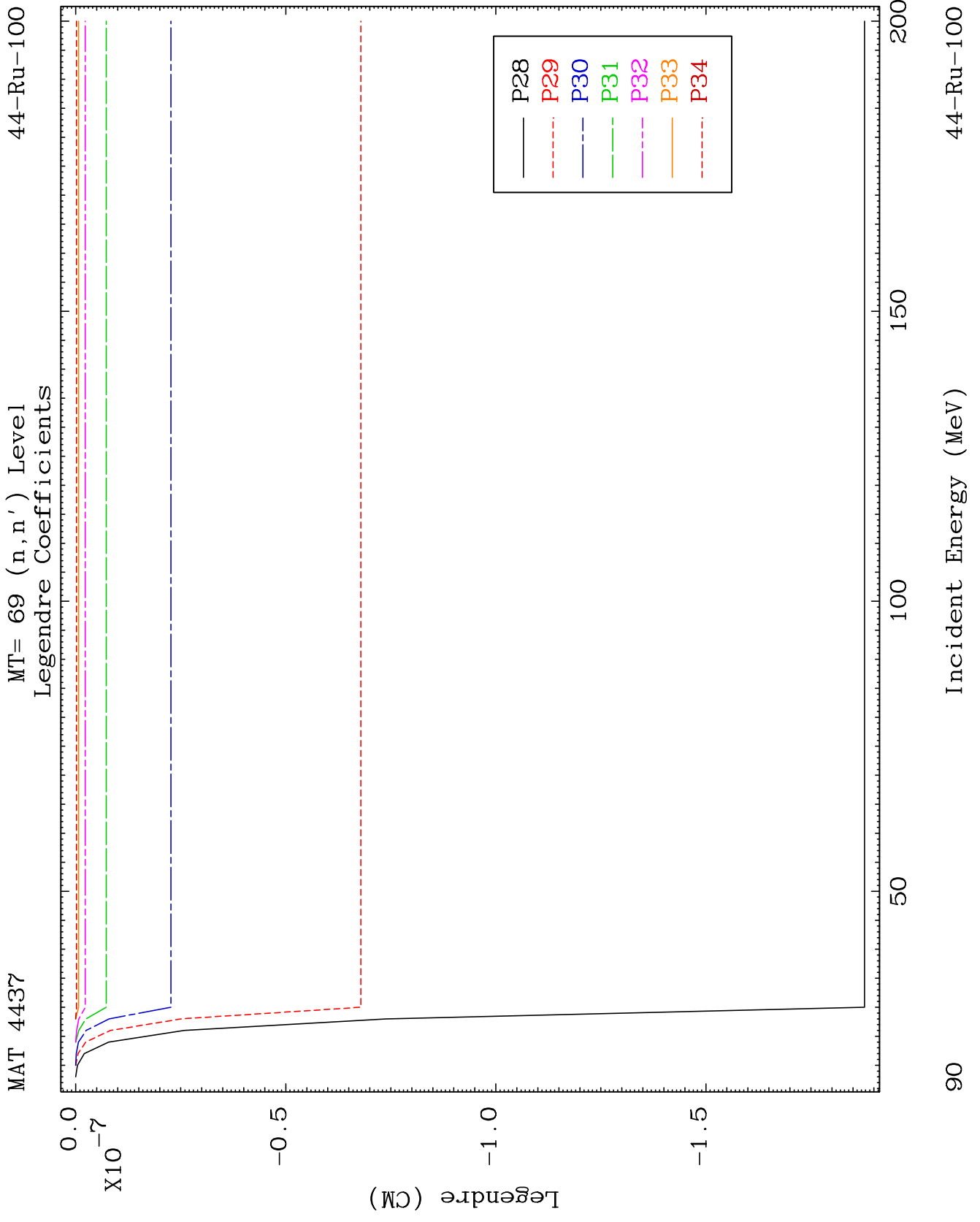
44-Ru-100

MAT 4437

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

44-Ru-100

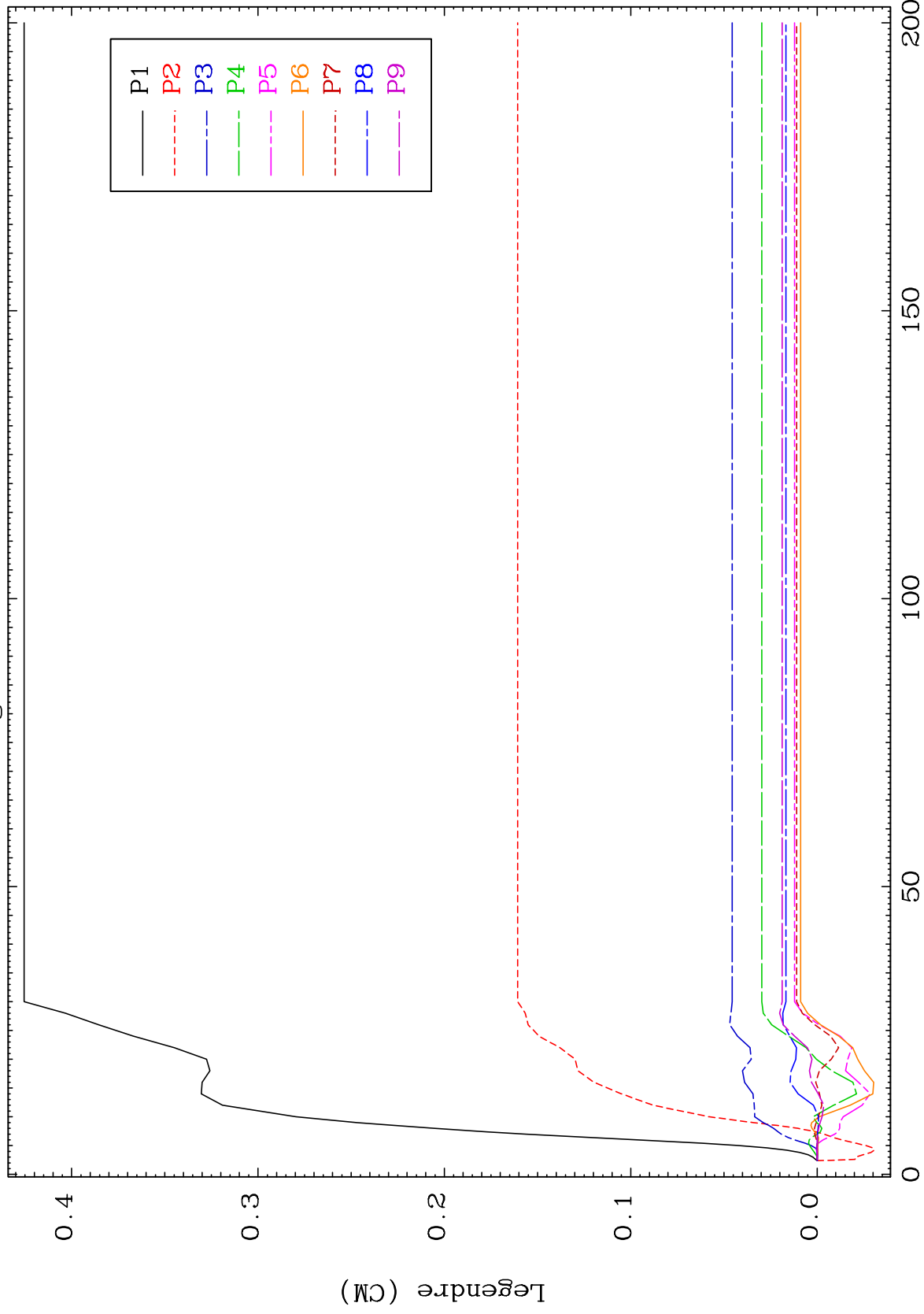




MAT 4437

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

44-Ru-100



91

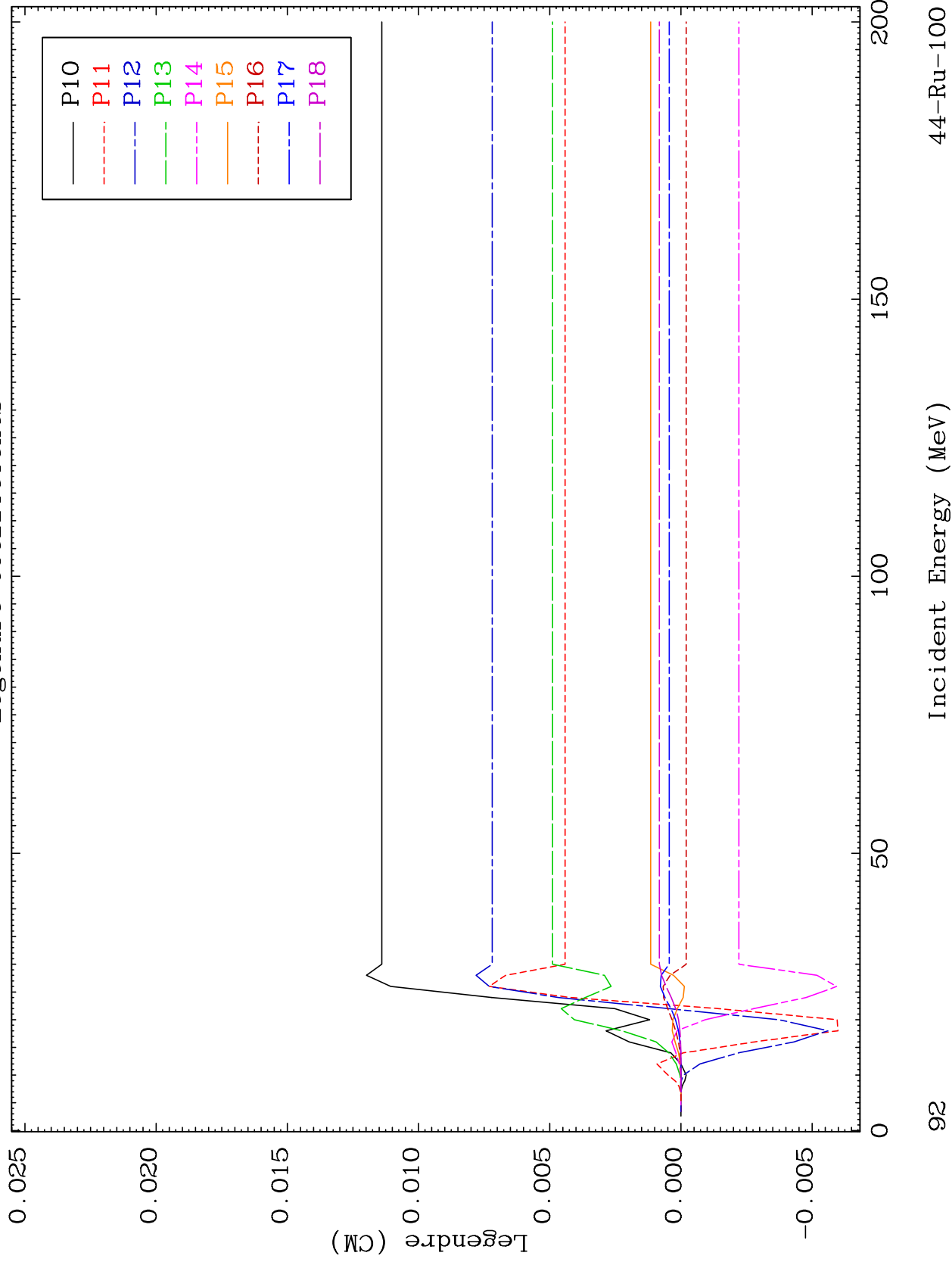
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

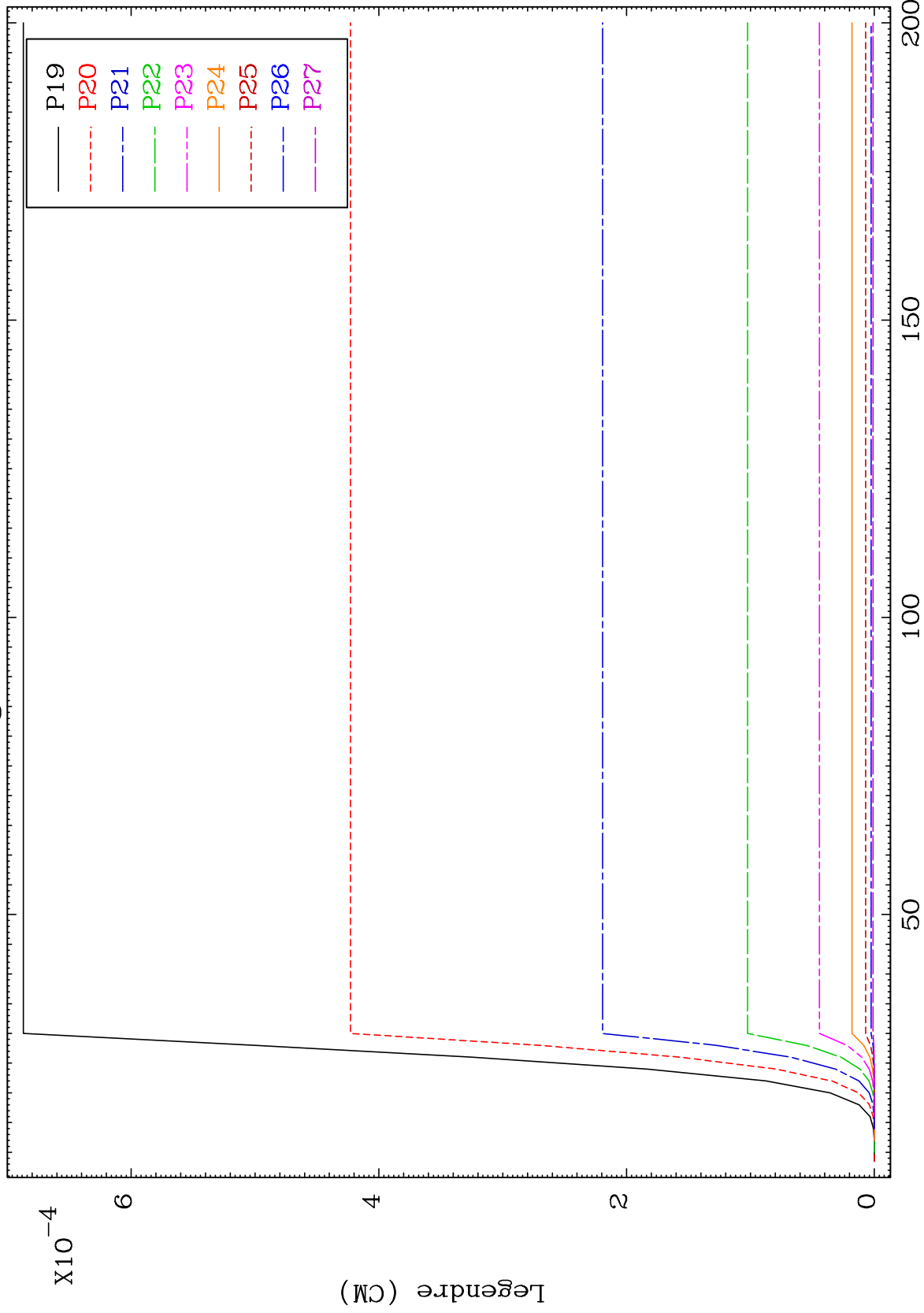
44-Ru-100



MAT 4437

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

44-Ru-100



93

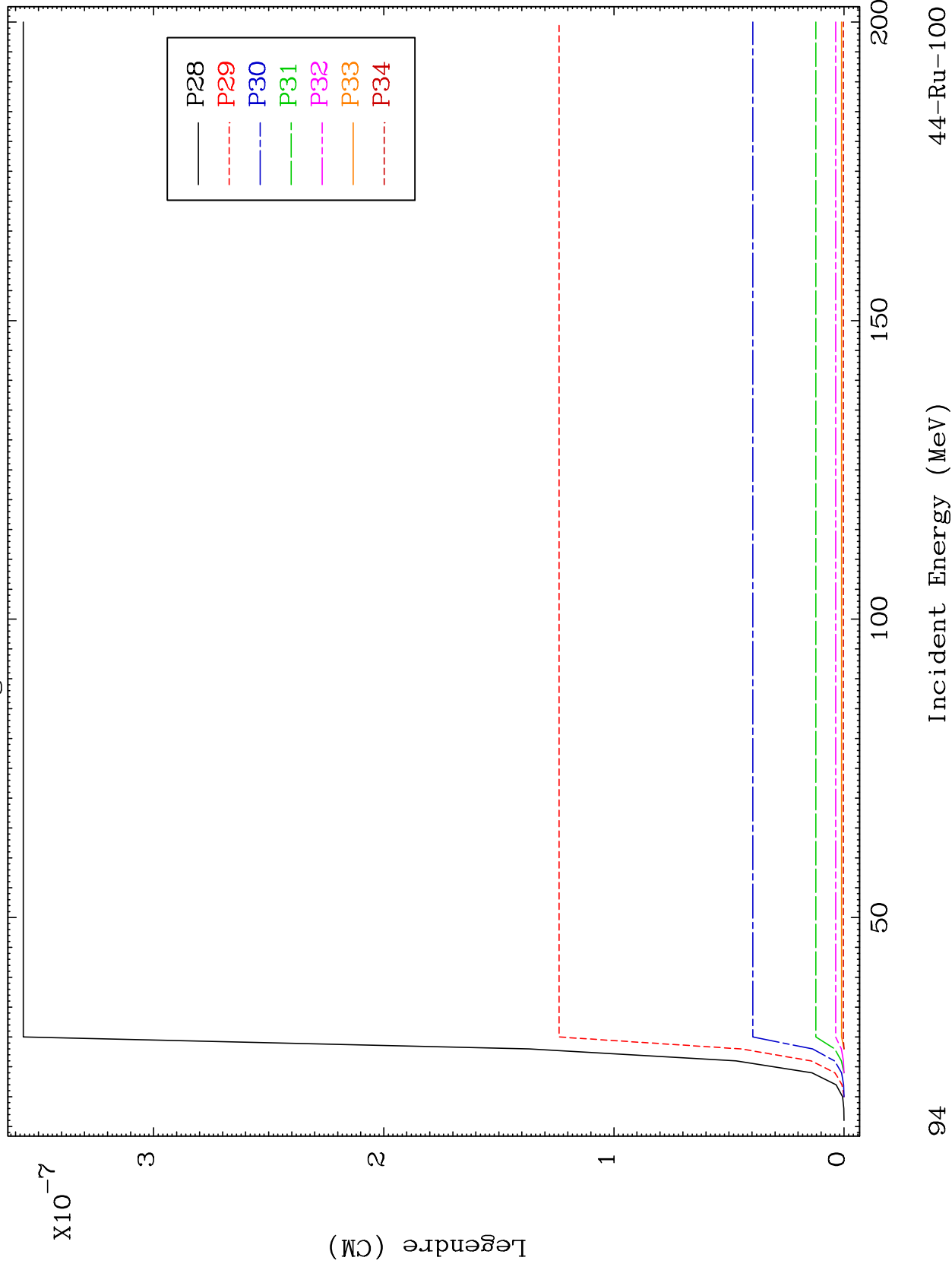
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

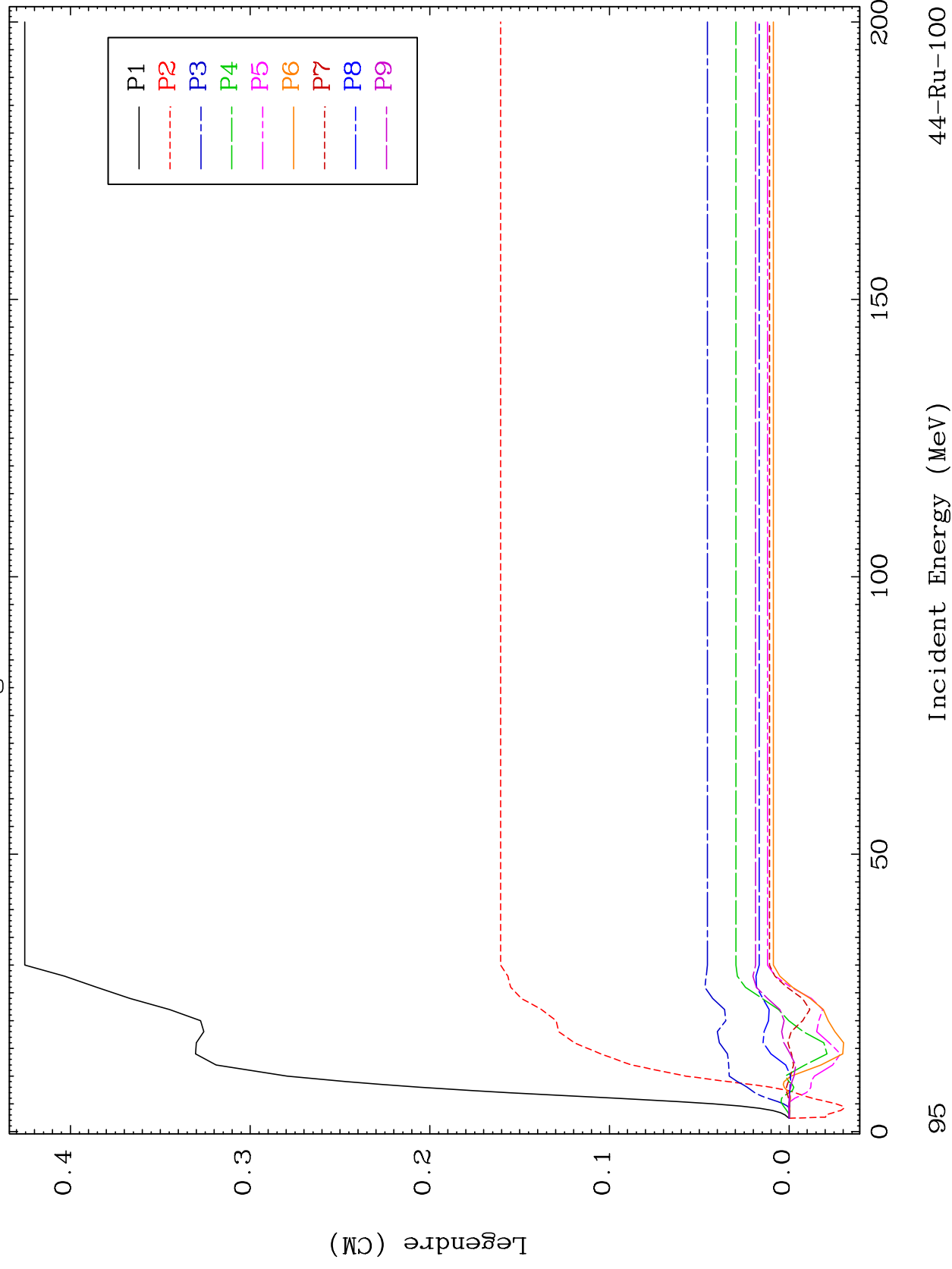
44-Ru-100



MAT 4437

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

44-Ru-100



44-Ru-100

Incident Energy (MeV)

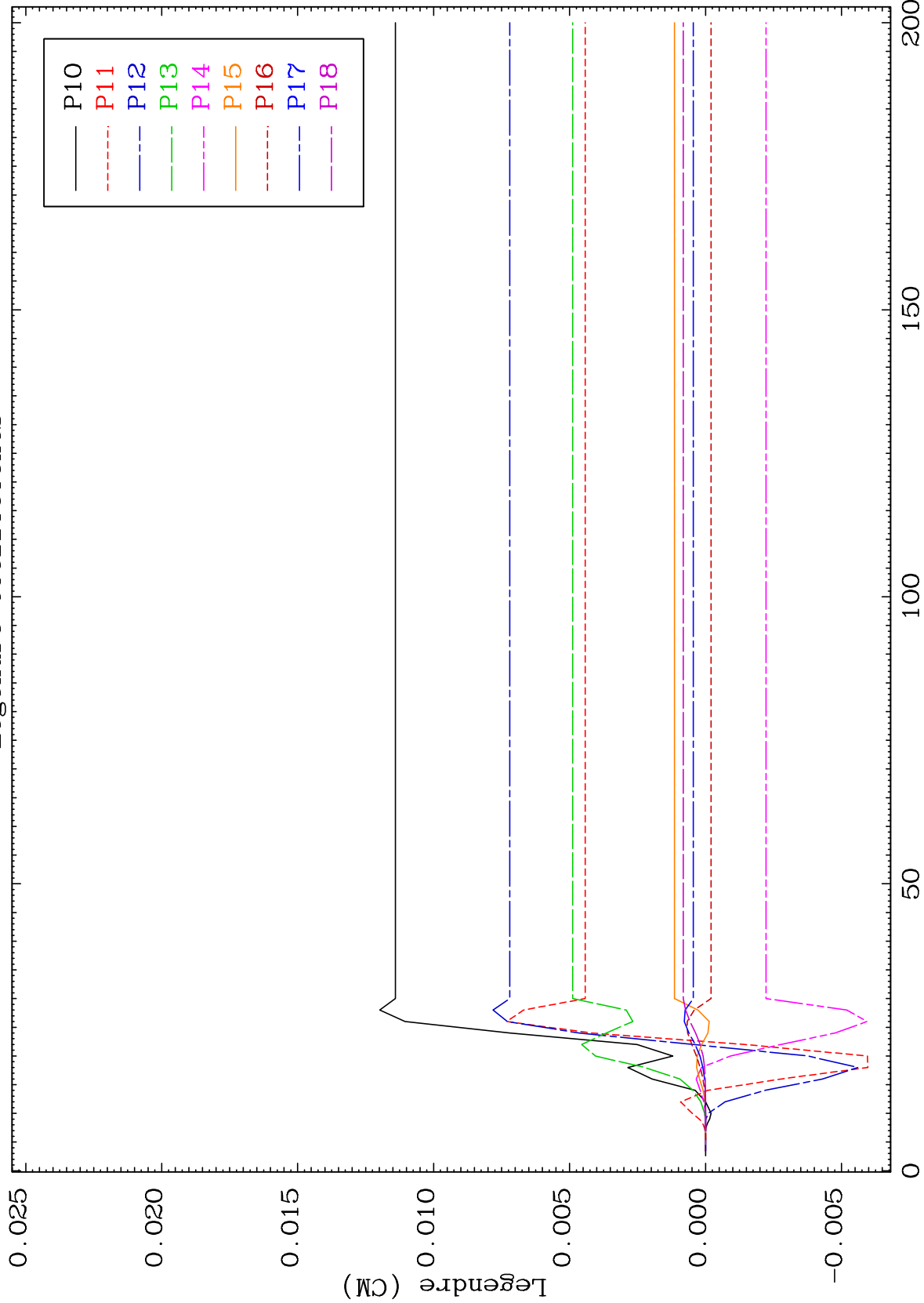
95



MAT 4437

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

44-Ru-100



96

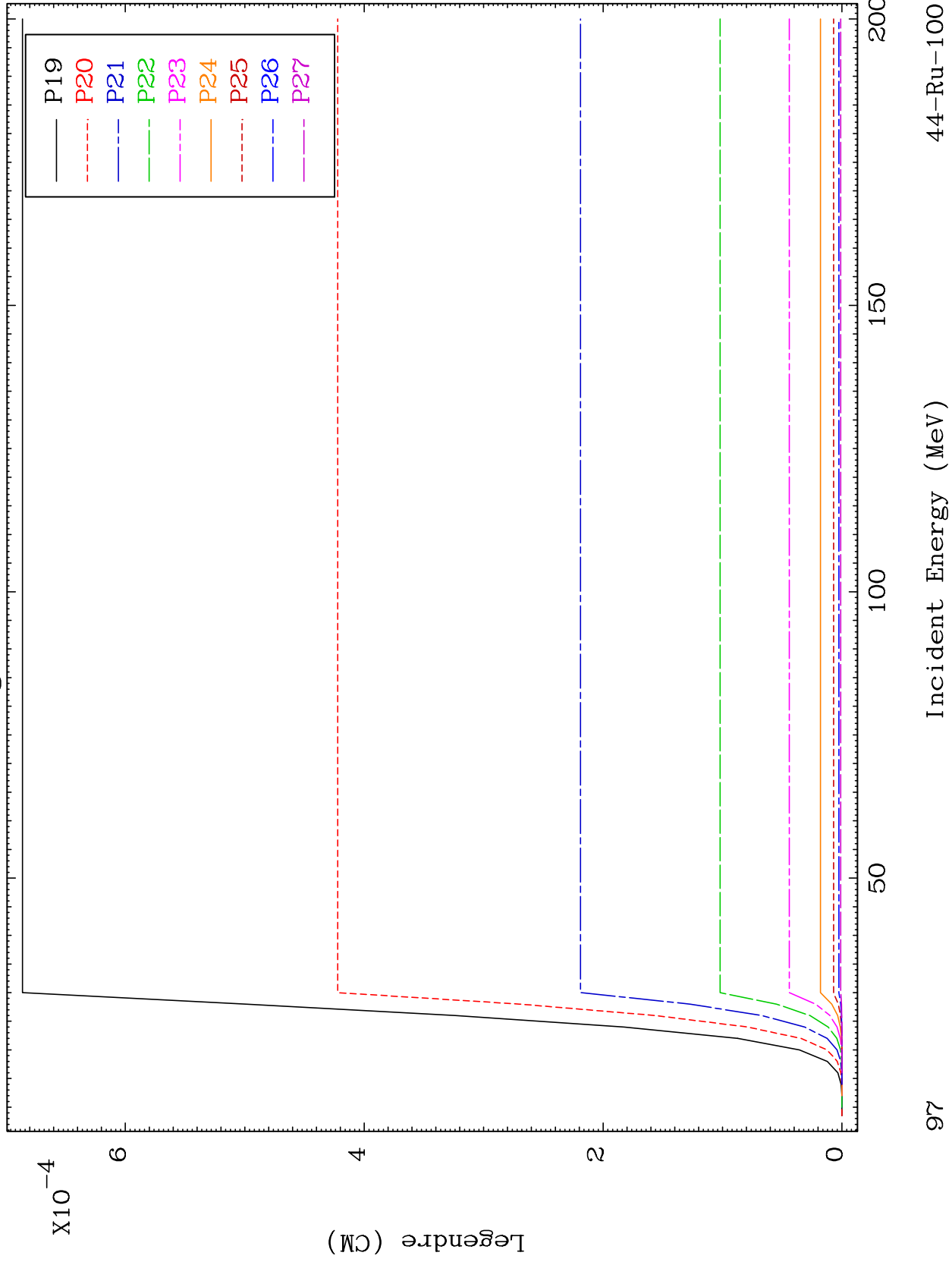
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

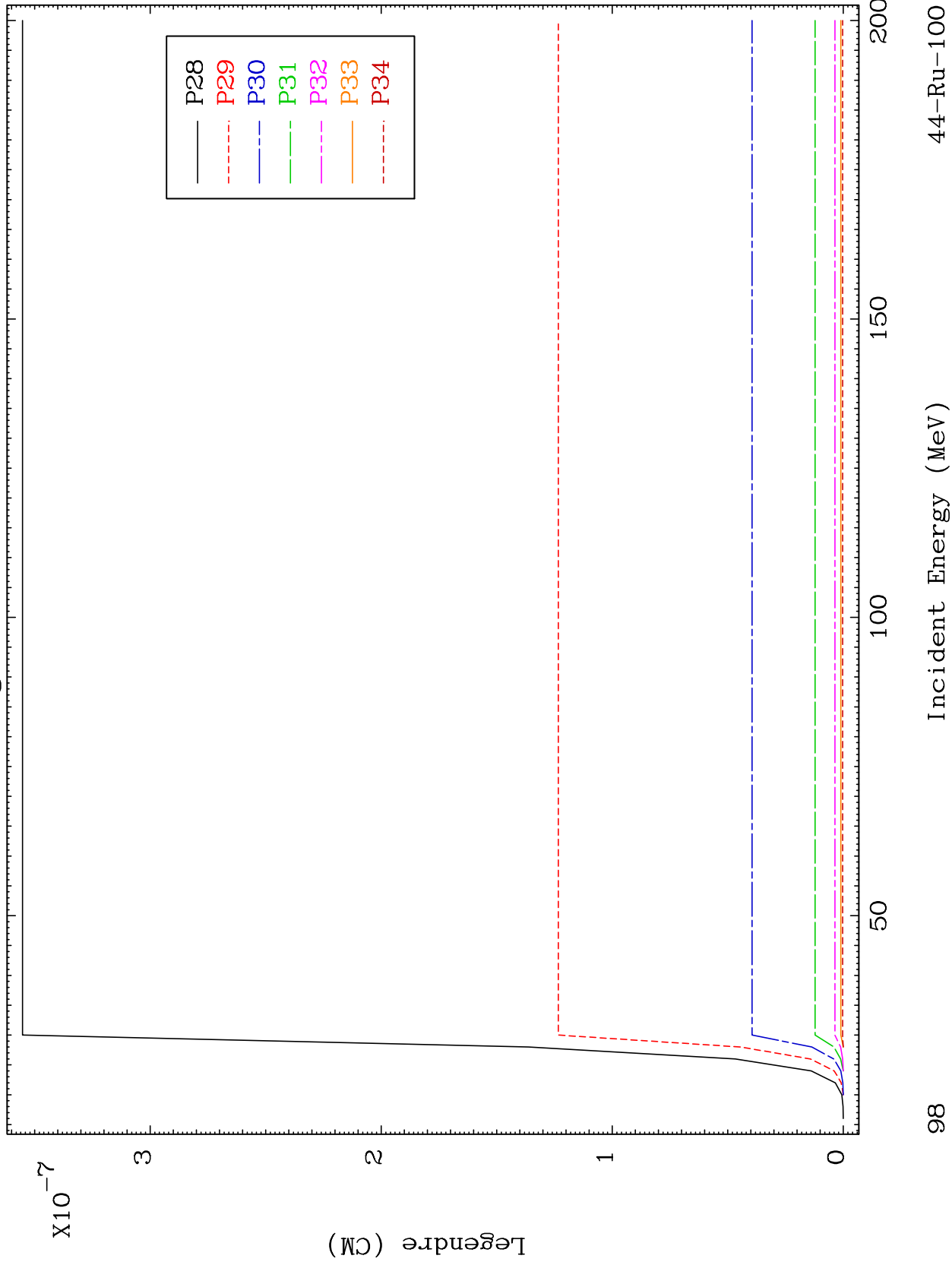
44-Ru-100

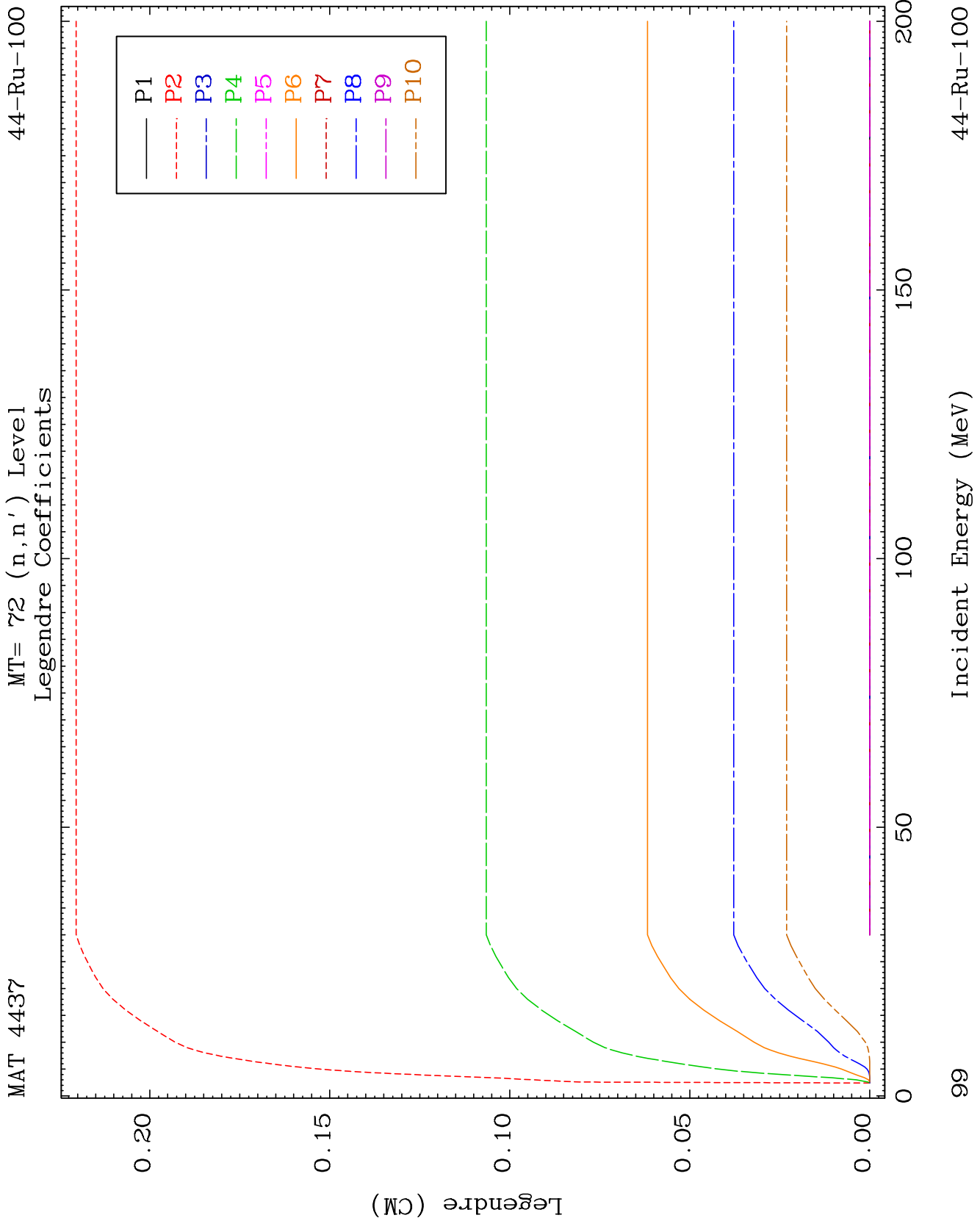


MAT 4437

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

44-Ru-100

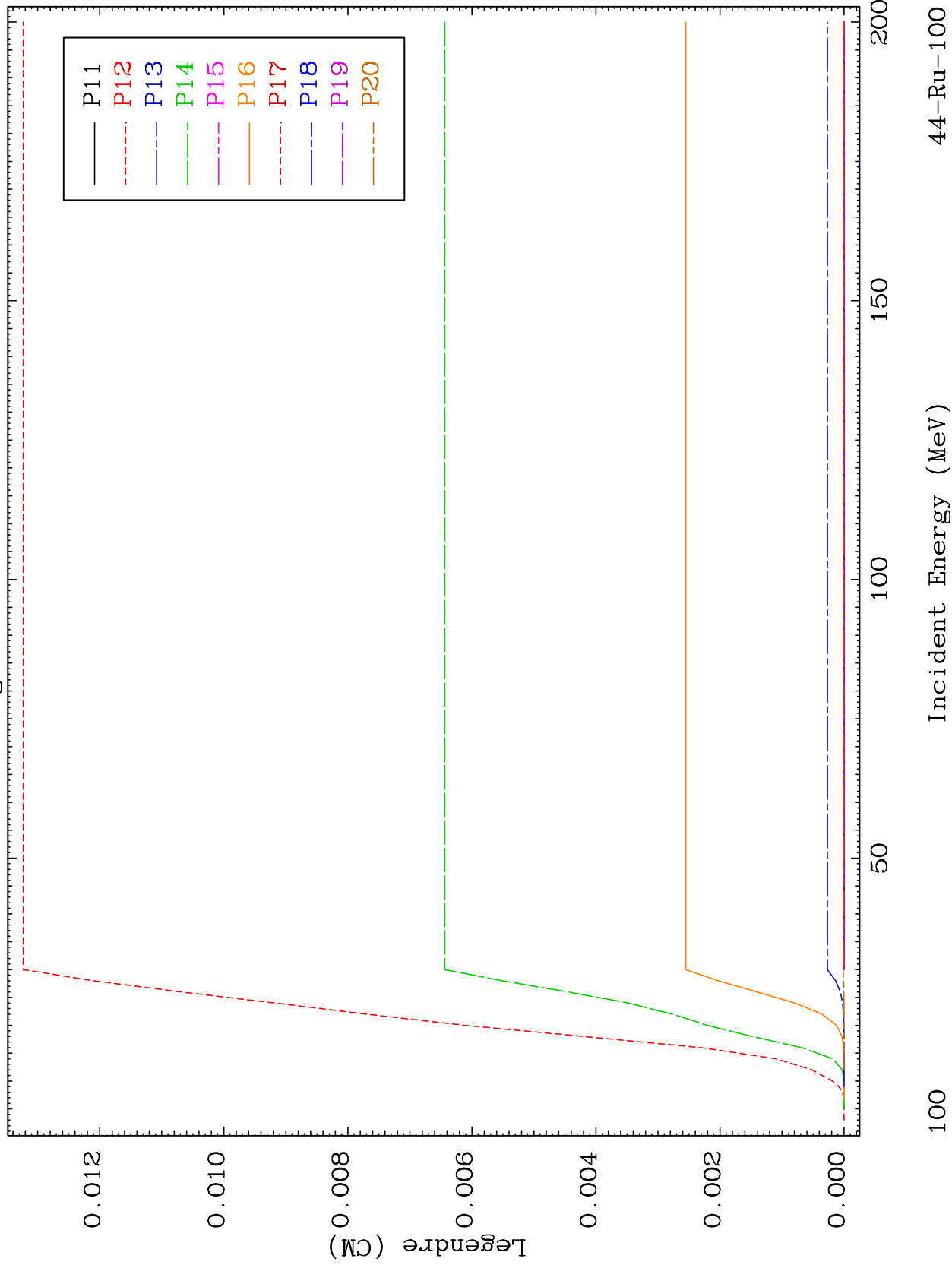




MAT 4437

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

44-Ru-100



100

Incident Energy (MeV)

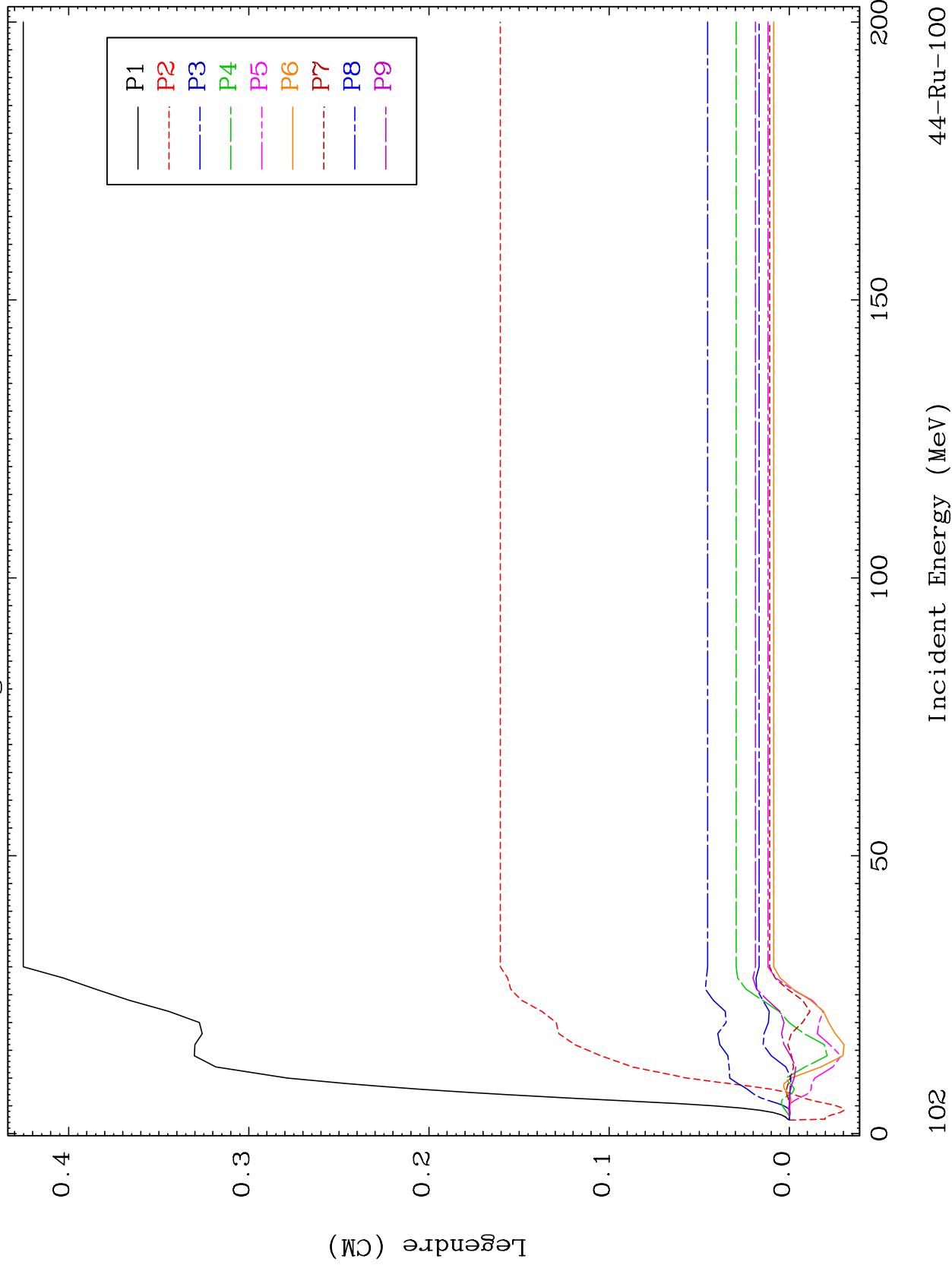
44-Ru-100



MAT 4437

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

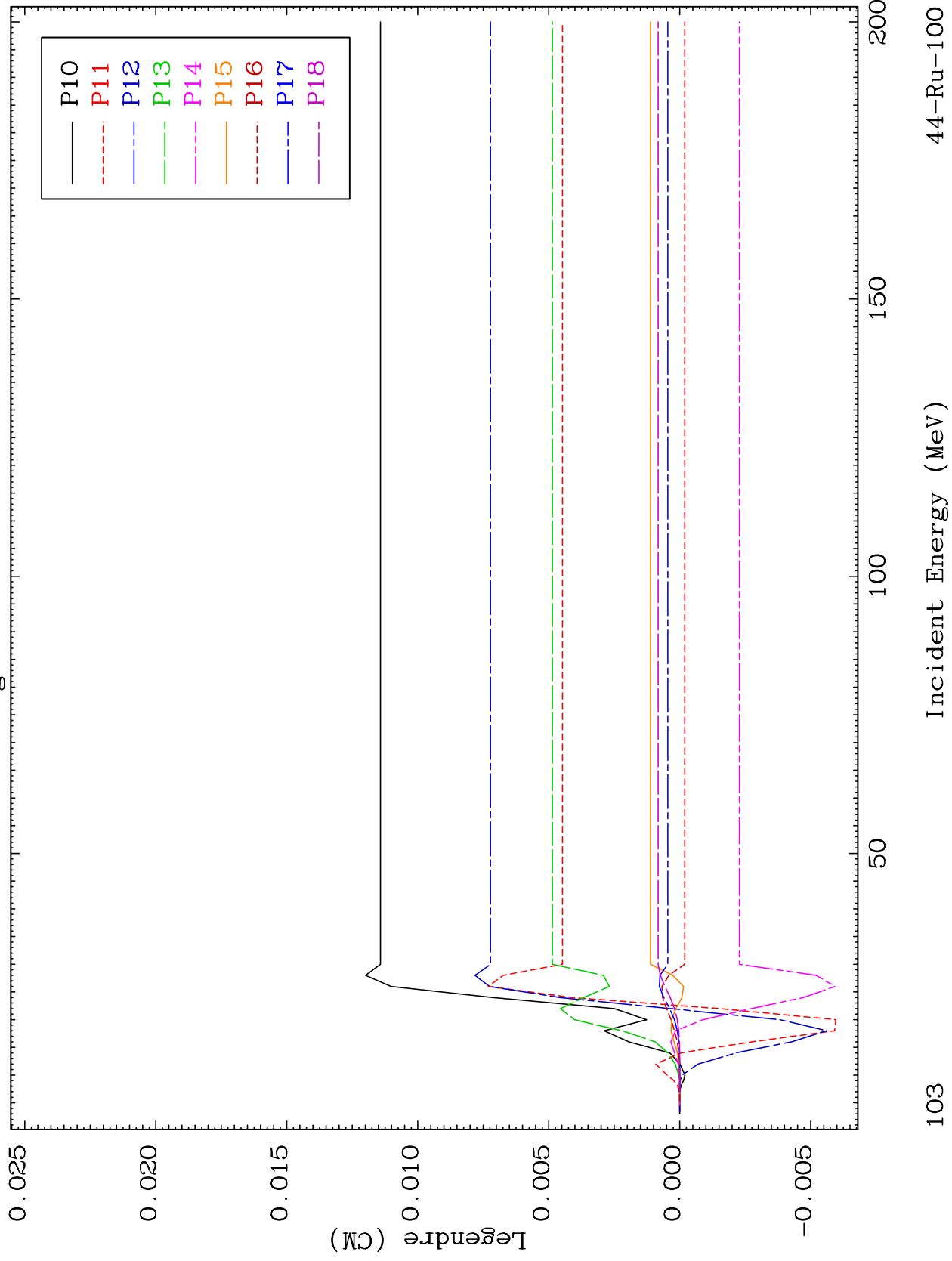
44-Ru-100



MAT 4437

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

44-Ru-100



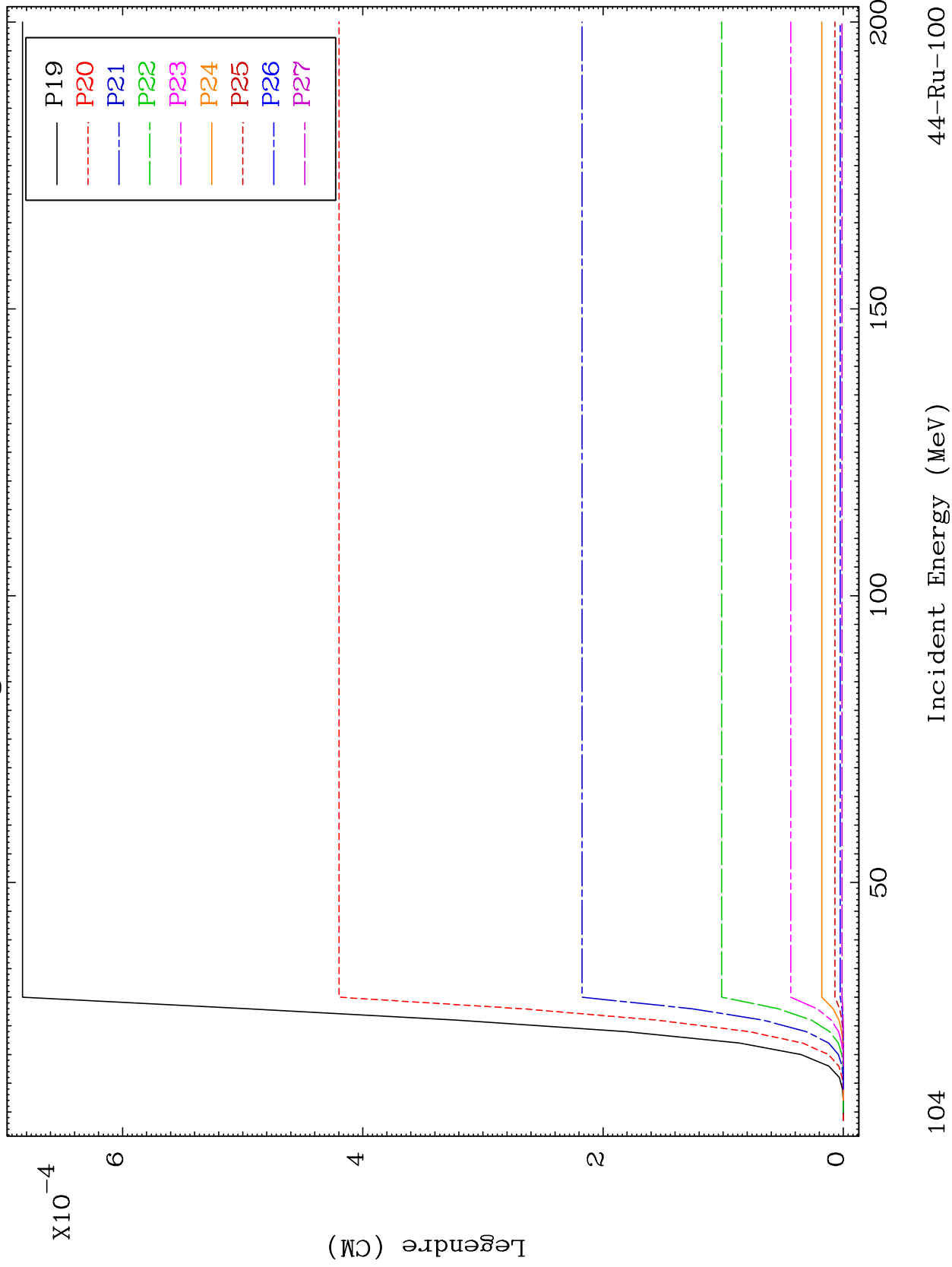
103



MAT 4437

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

44-Ru-100



104

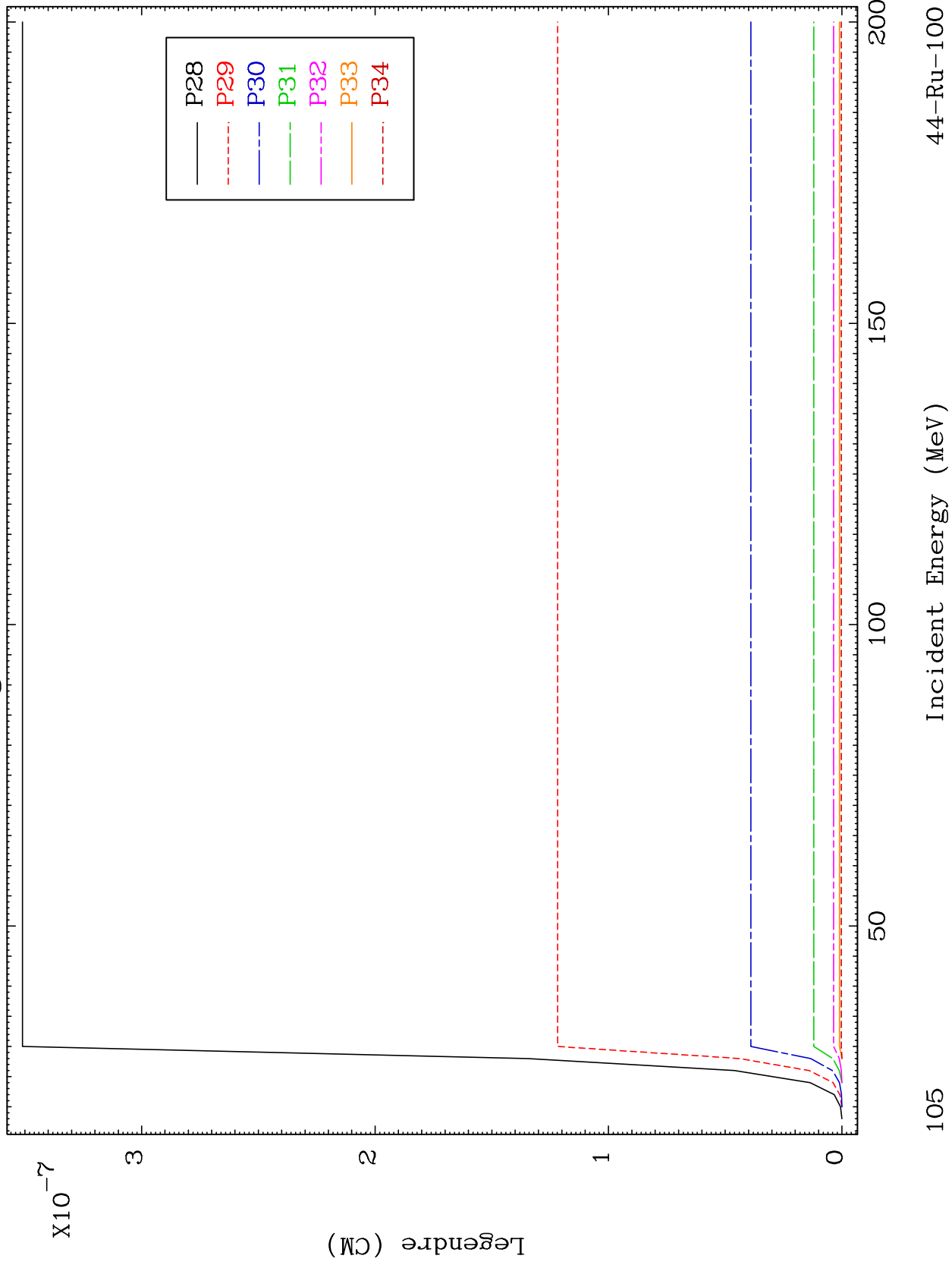
Incident Energy (MeV)

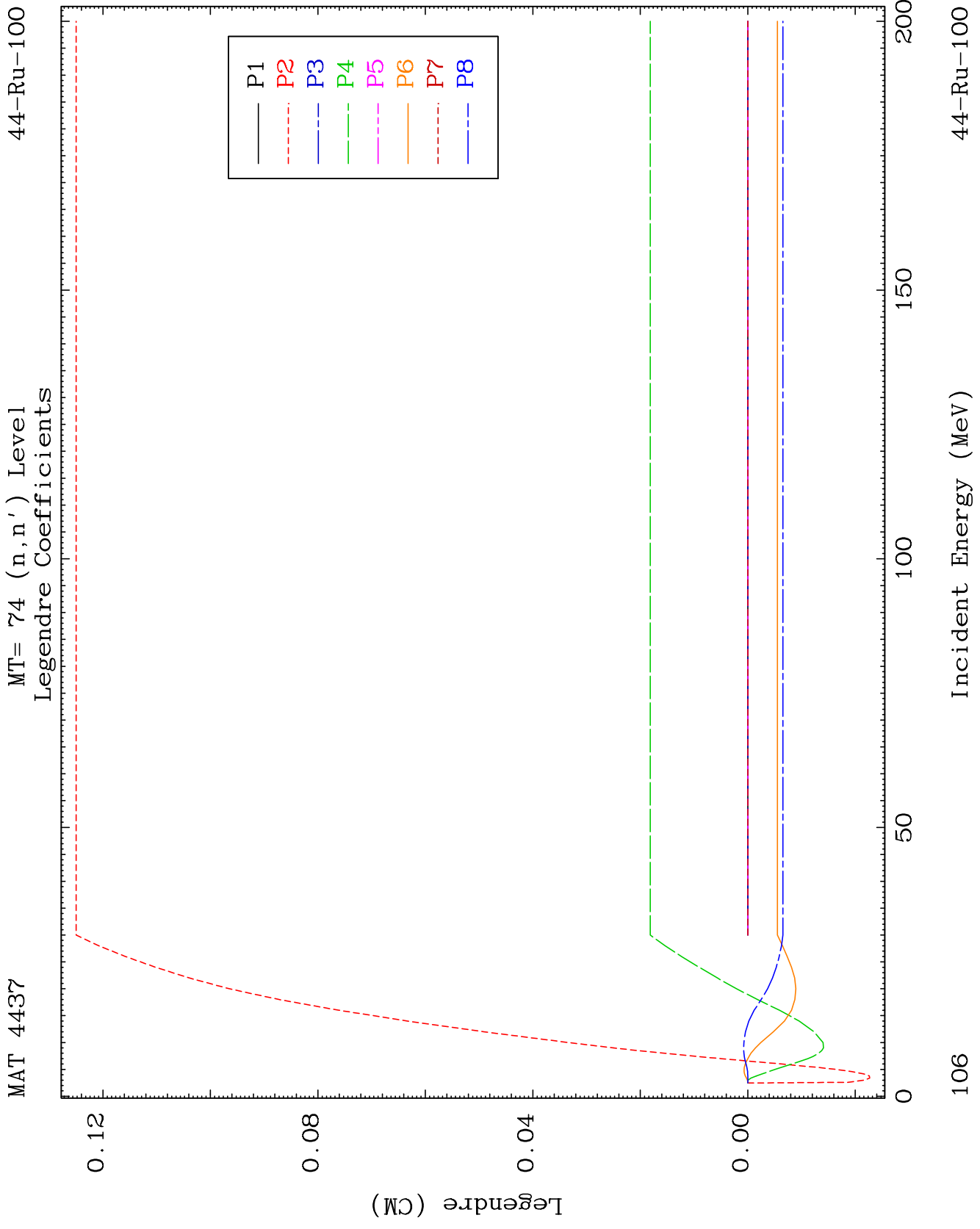
44-Ru-100

MAT 4437

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

44-Ru-100

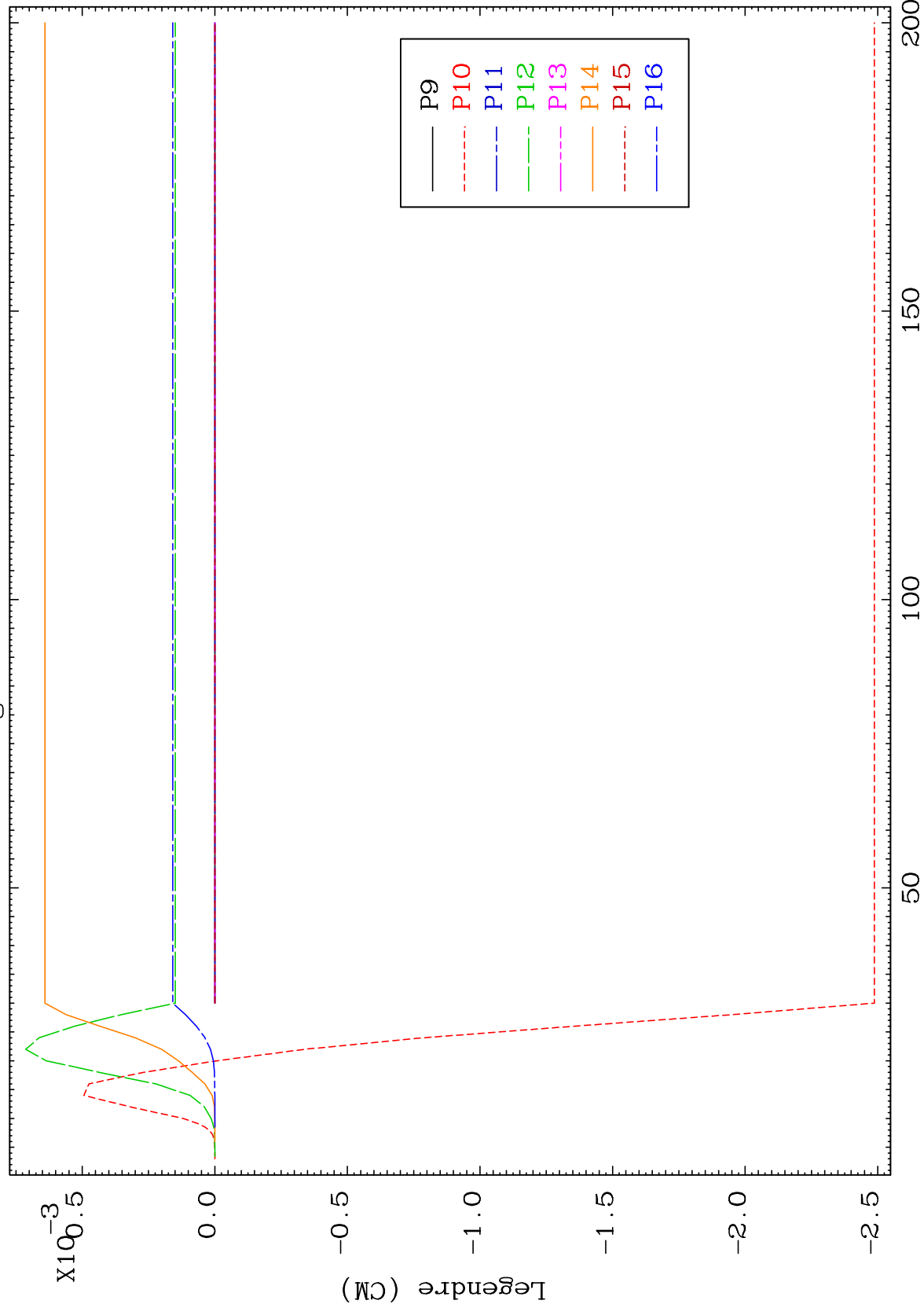




MAT 4437

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

44-Ru-100



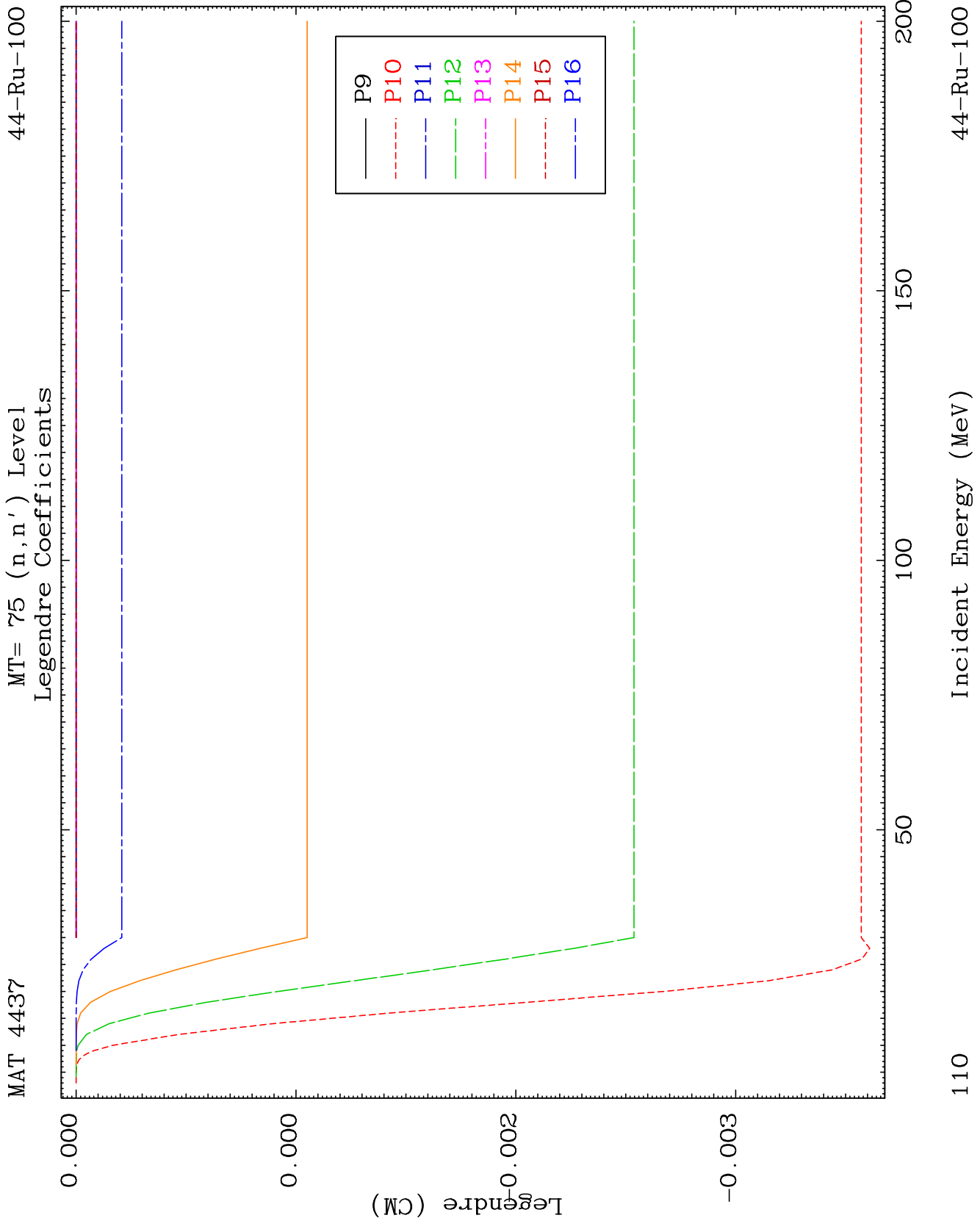
107

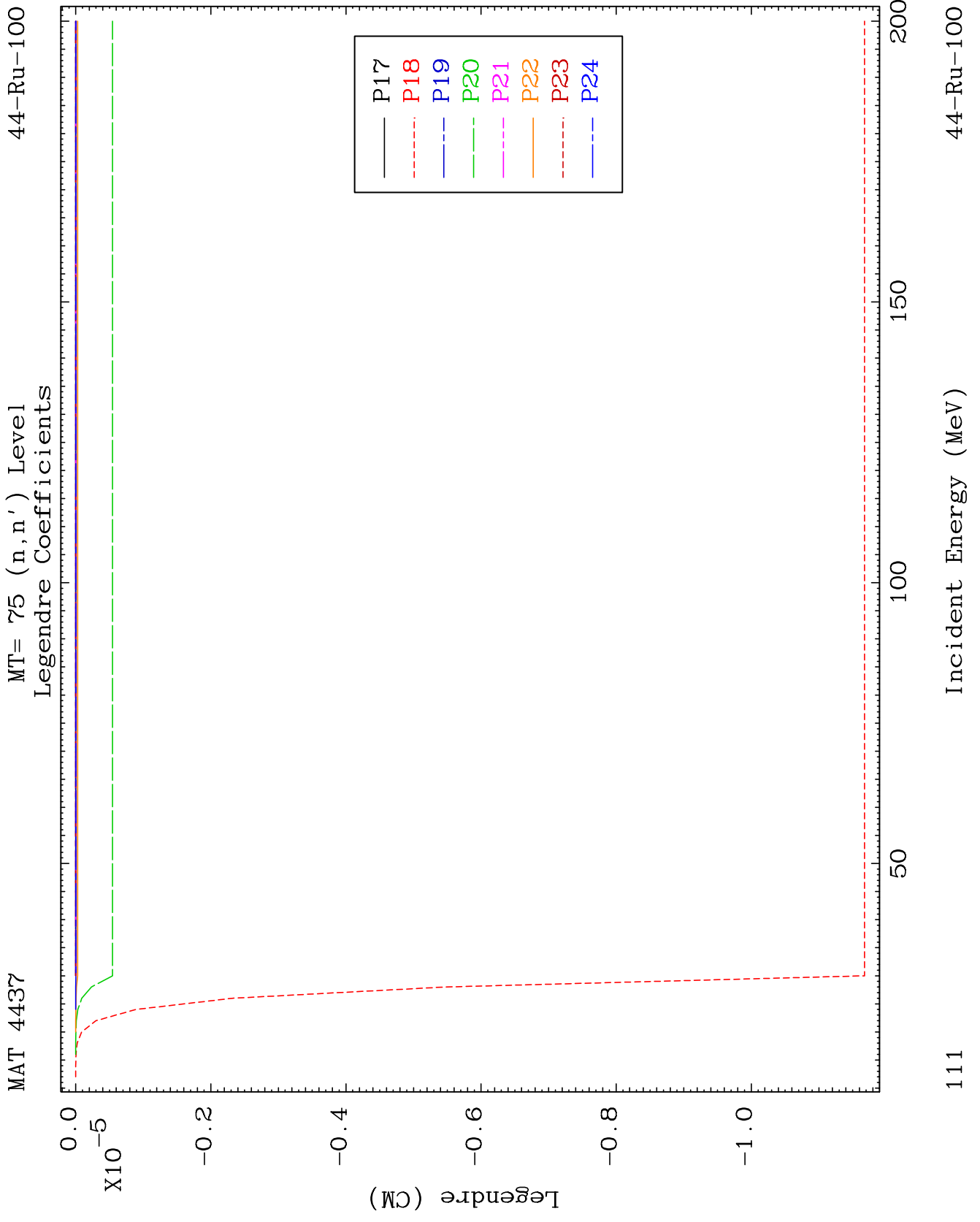
Incident Energy (MeV)

44-Ru-100

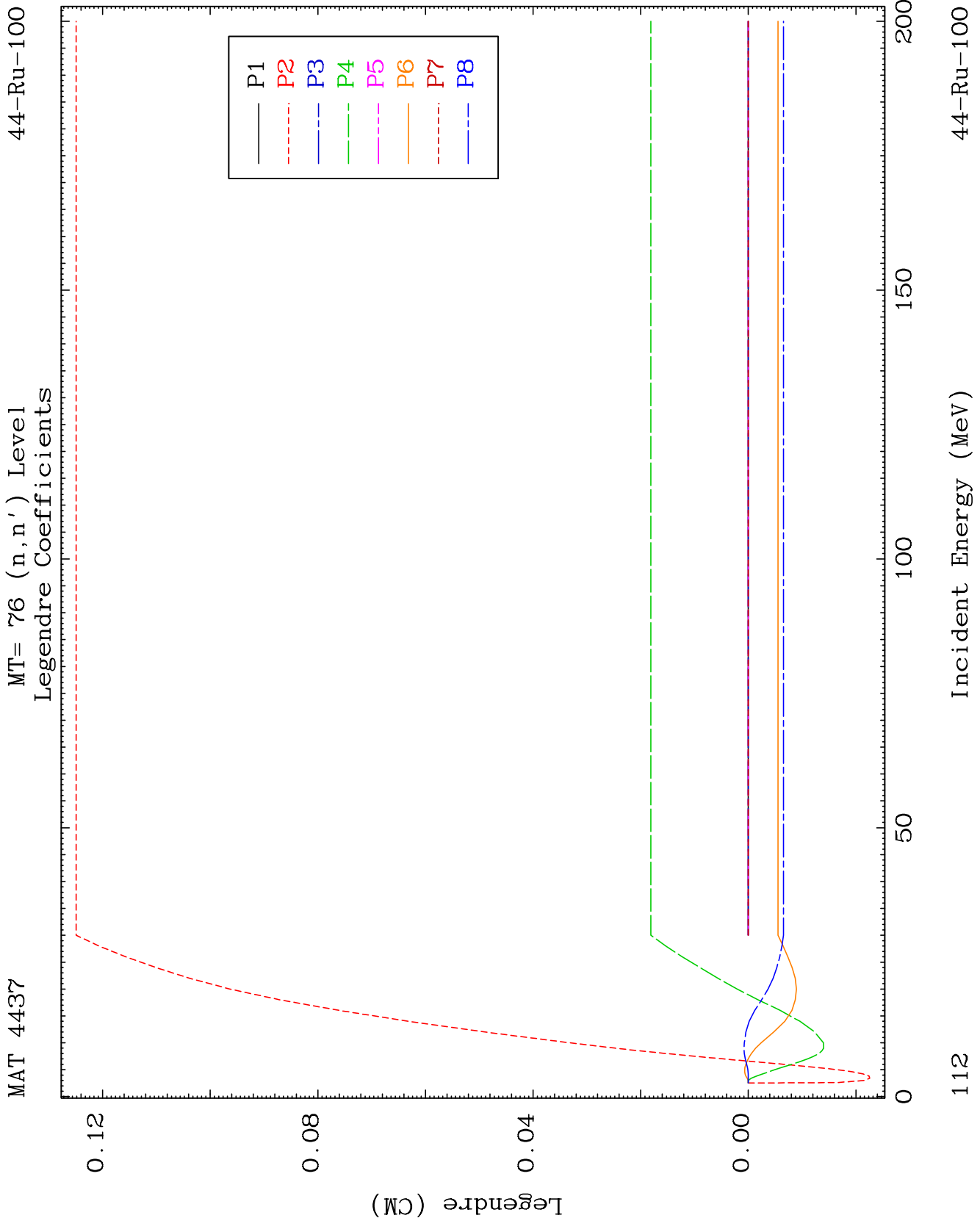








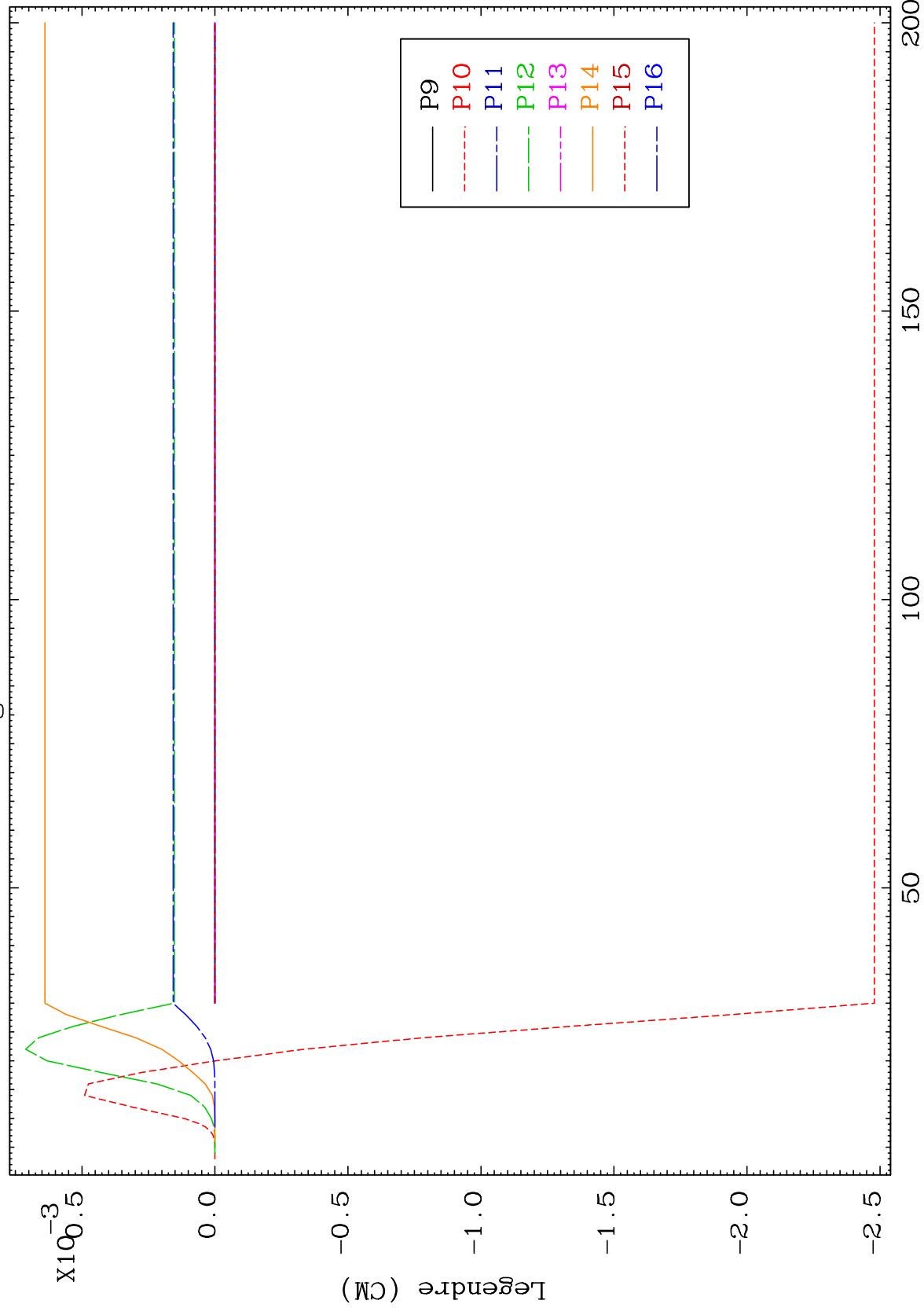




MAT 4437

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

44-Ru-100



113

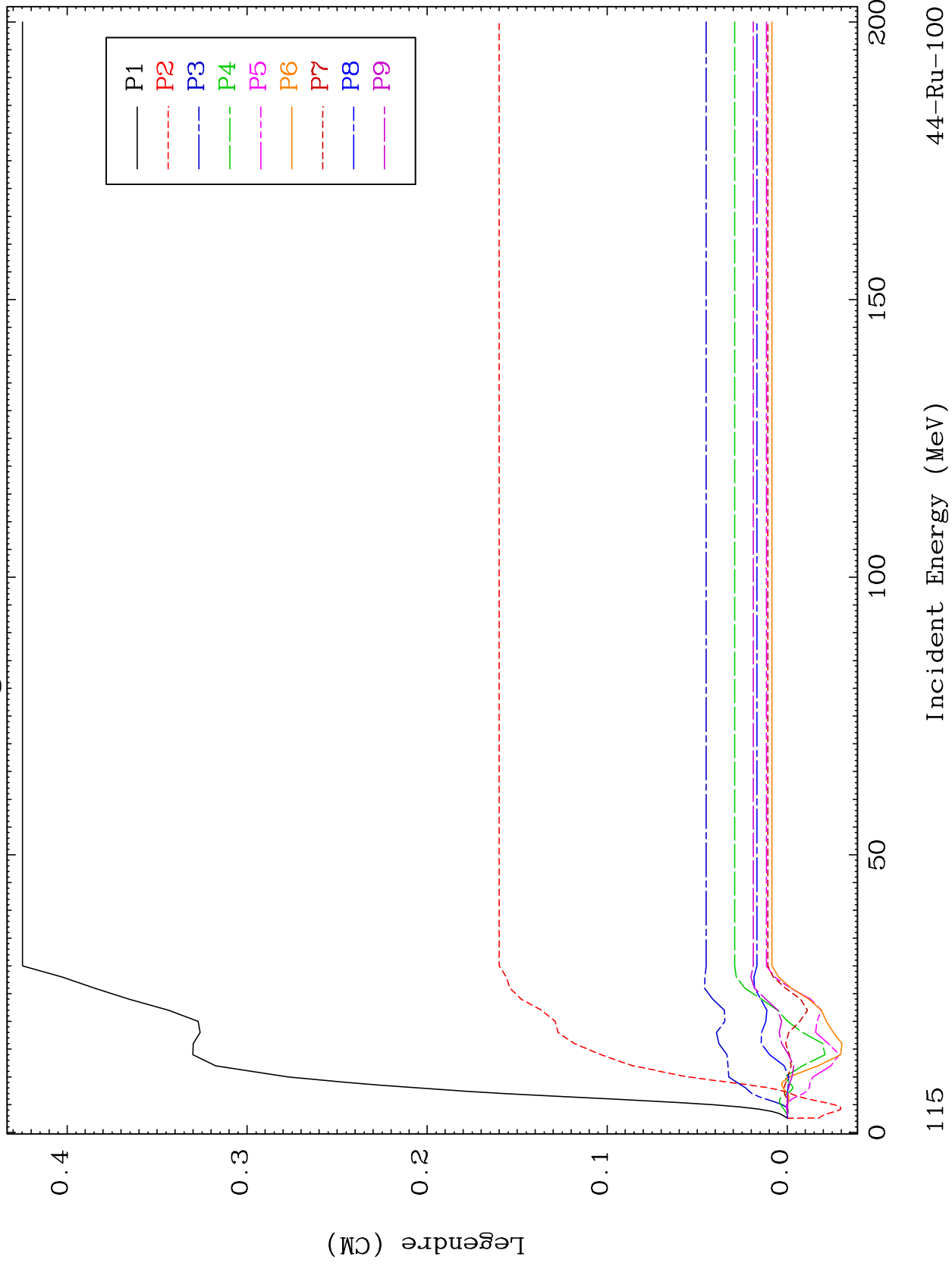
44-Ru-100



MAT 4437

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

44-Ru-100



44-Ru-100

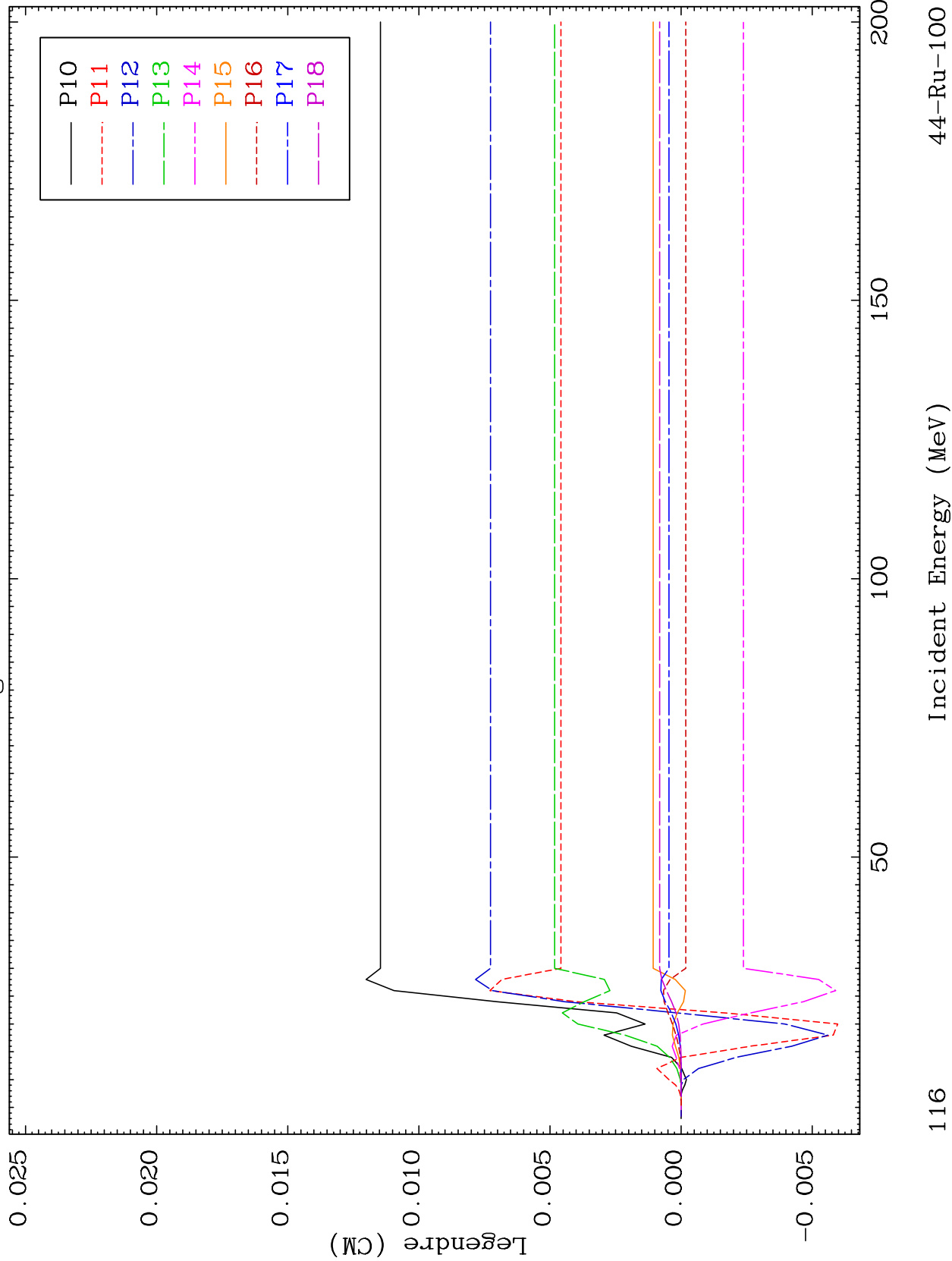
Incident Energy (MeV)

115

MAT 4437

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

44-Ru-100

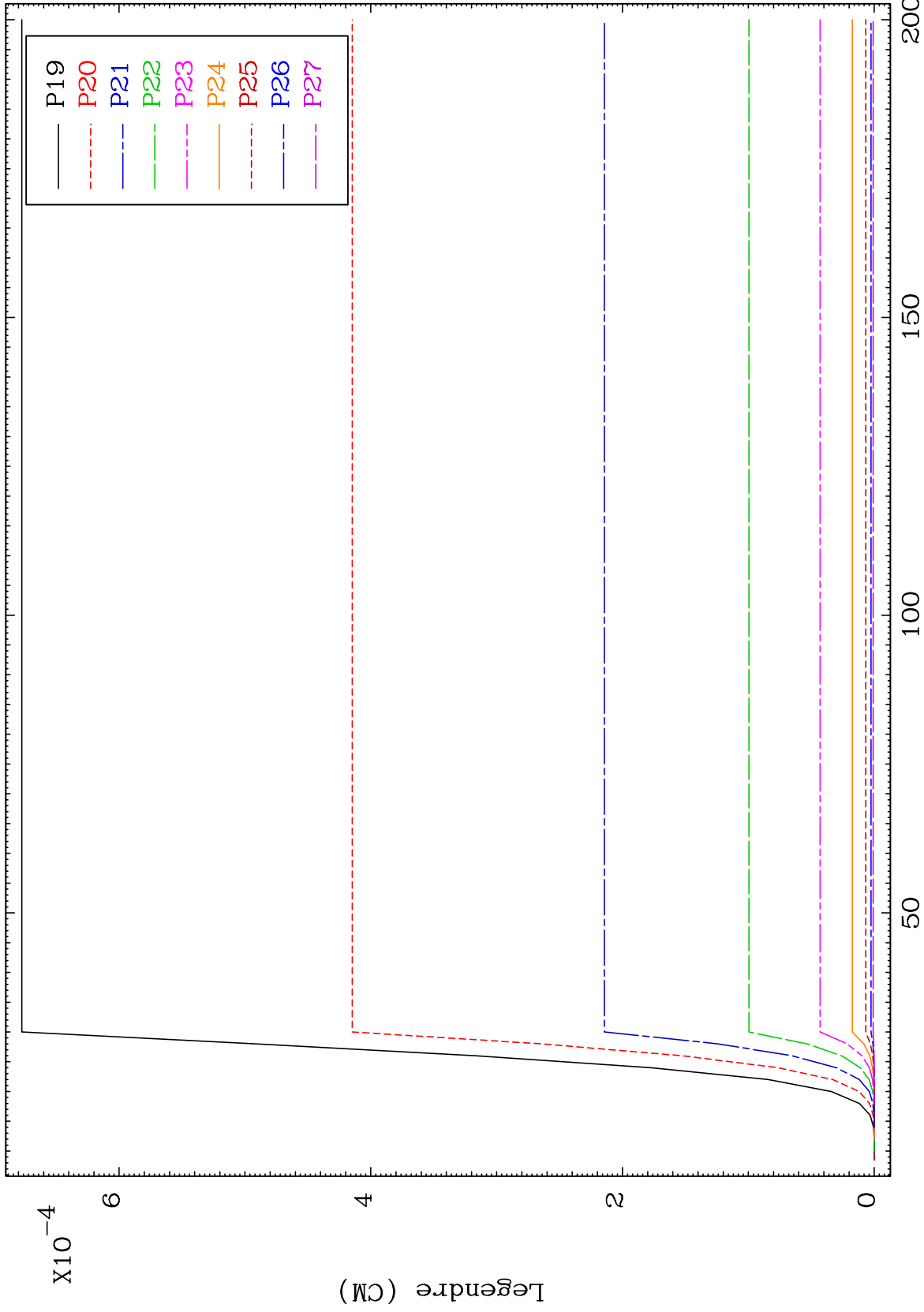


116

MAT 4437

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

44-Ru-100



117

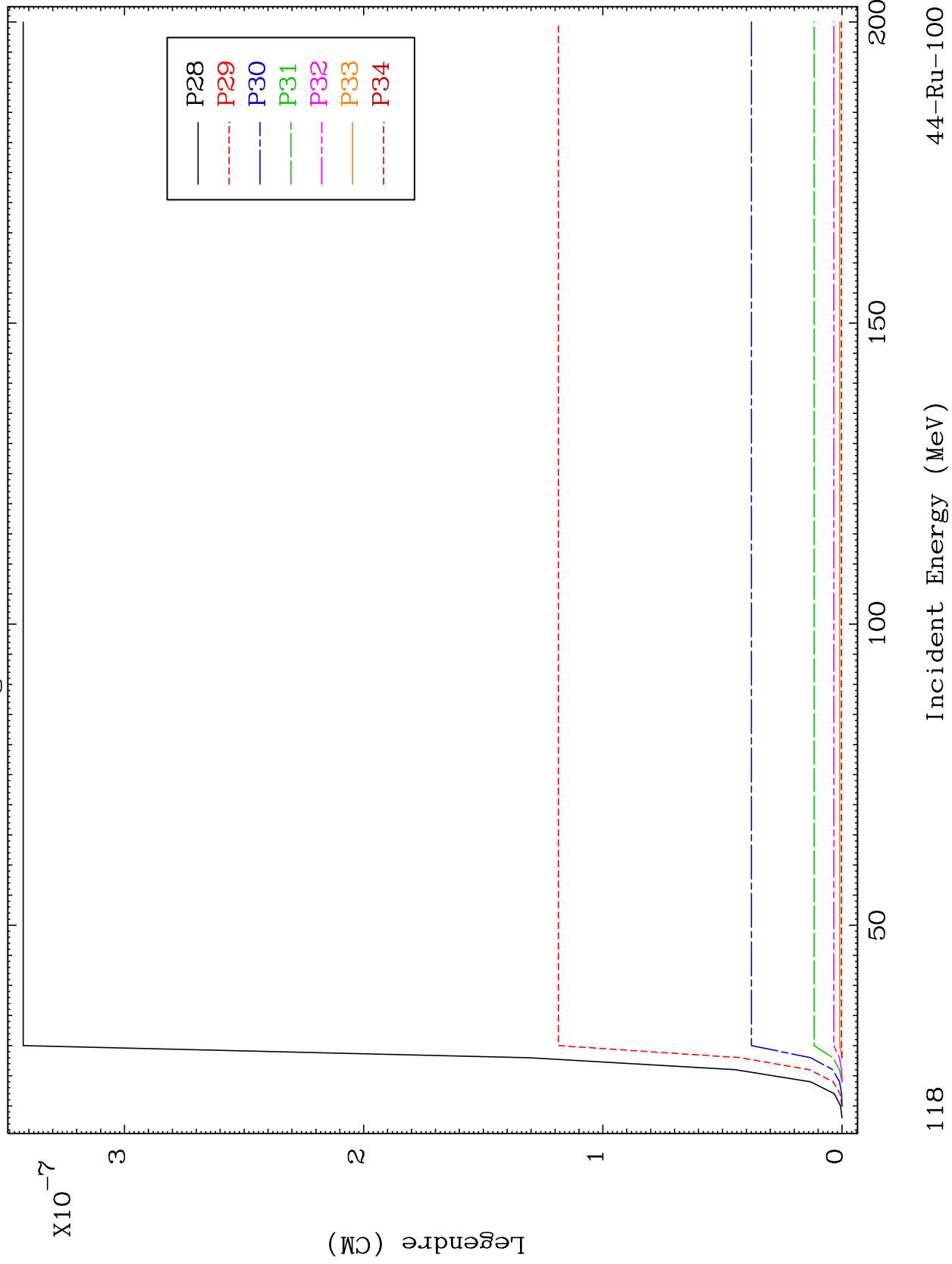
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100

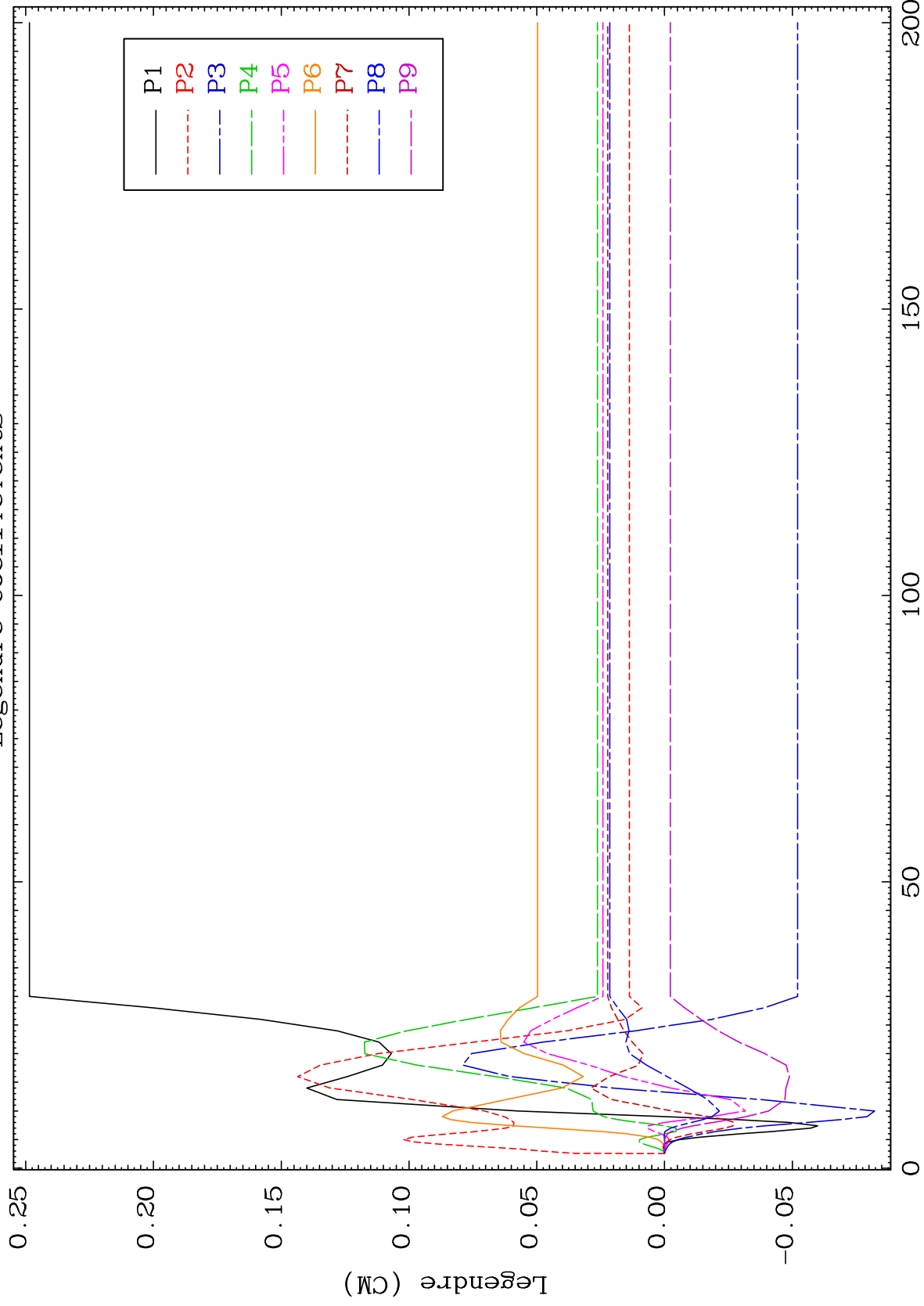


118

MAT 4437

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

44-Ru-100



119

Incident Energy (MeV)

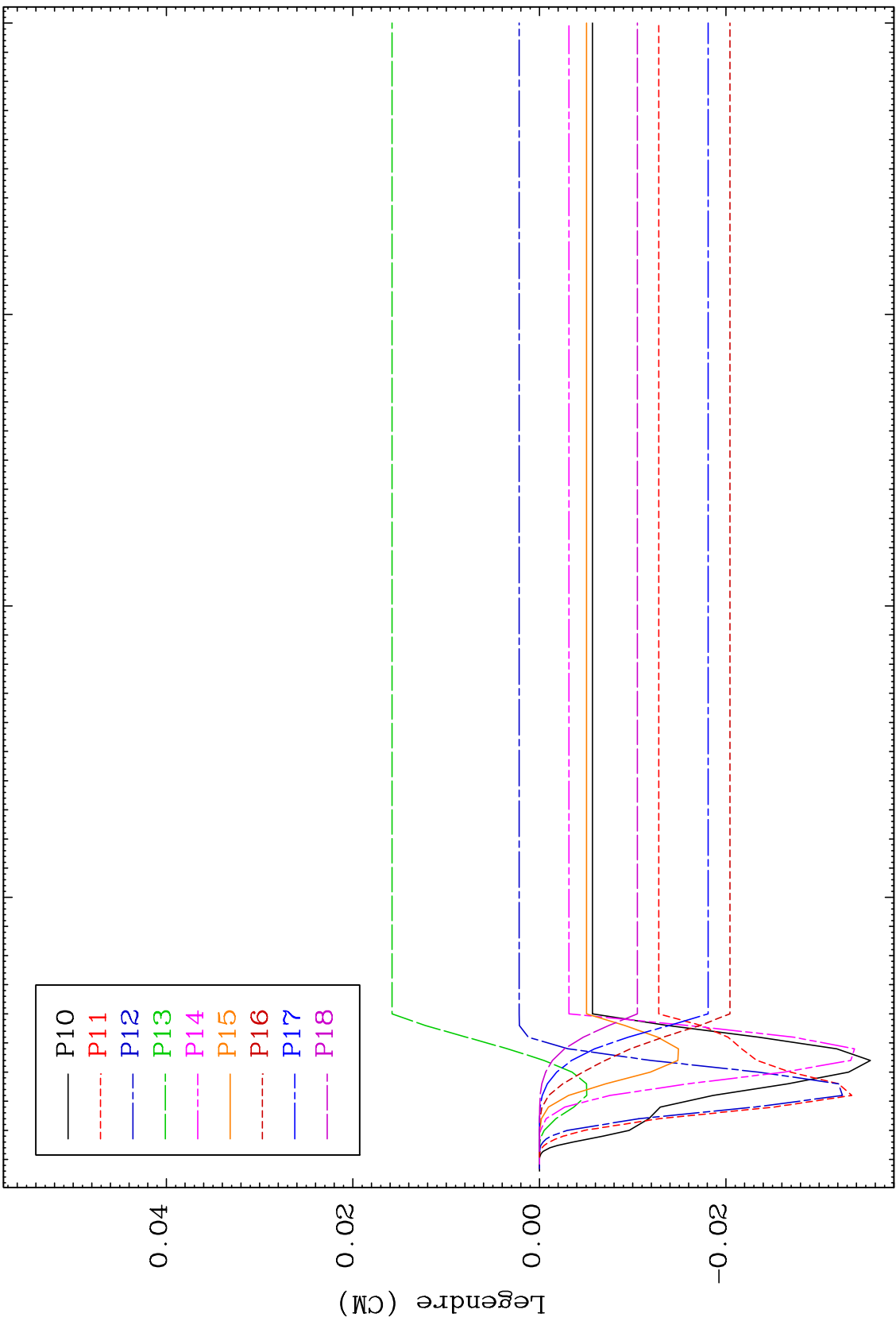
44-Ru-100



MAT 4437

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

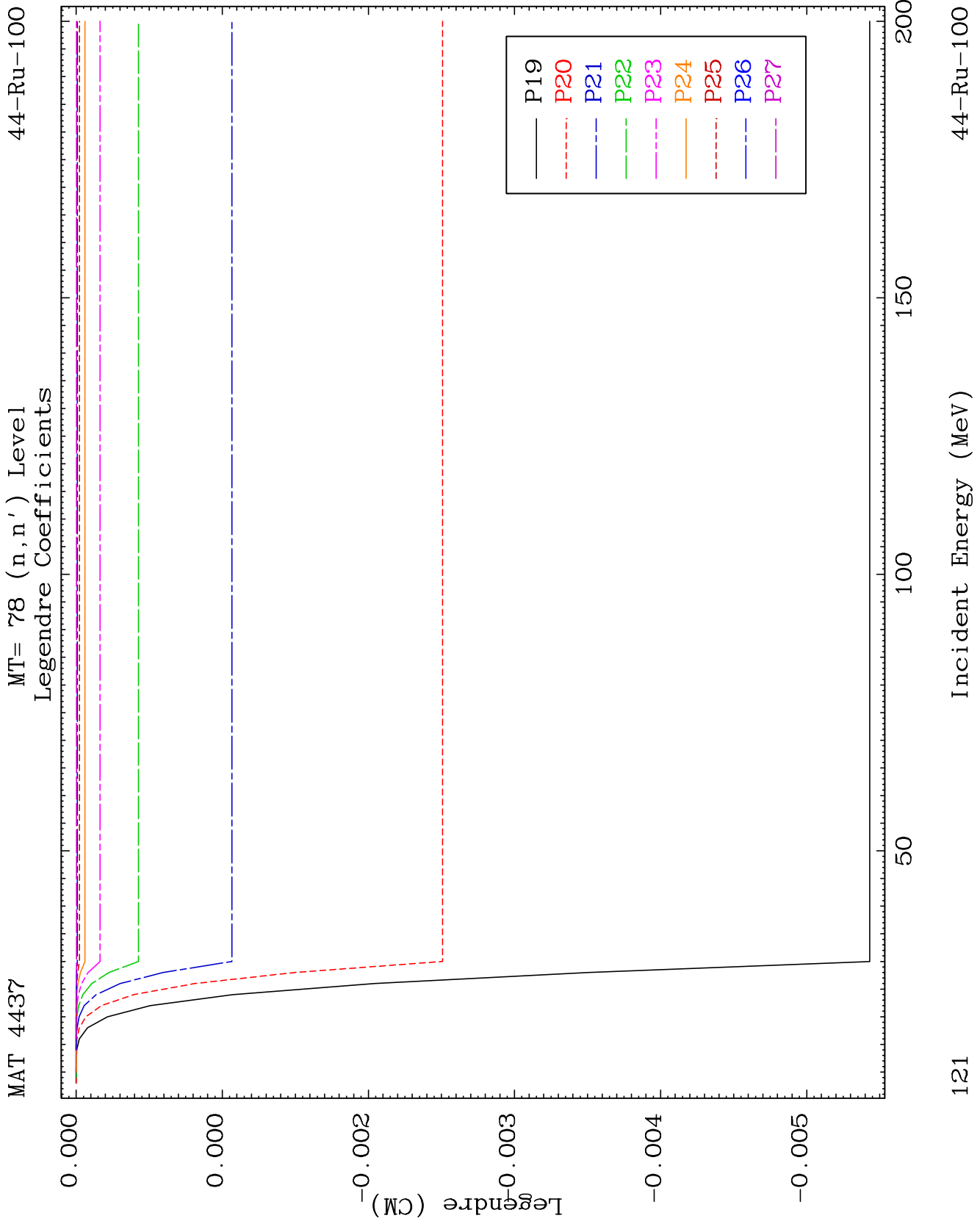
44-Ru-100

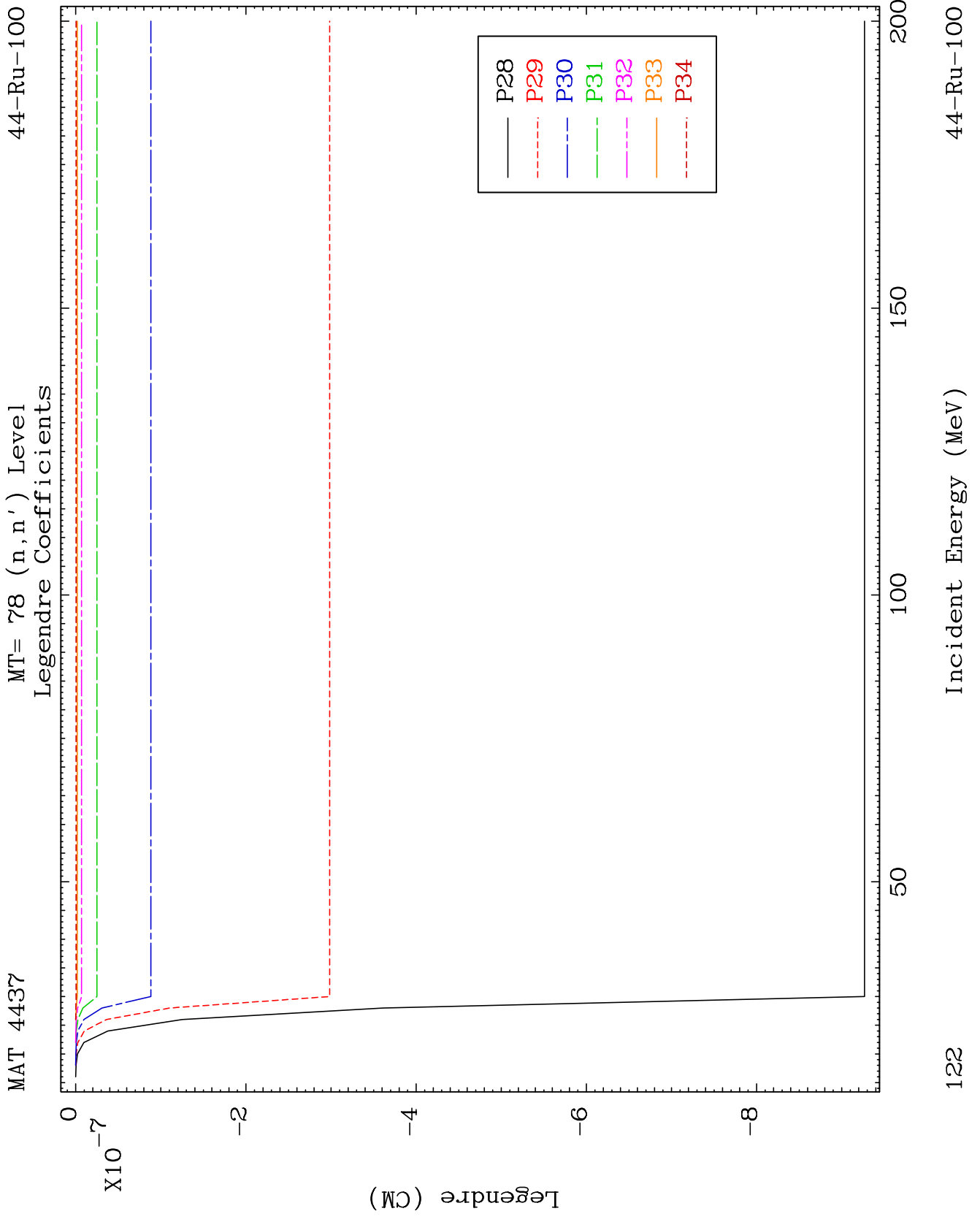


120

Incident Energy (MeV)

44-Ru-100

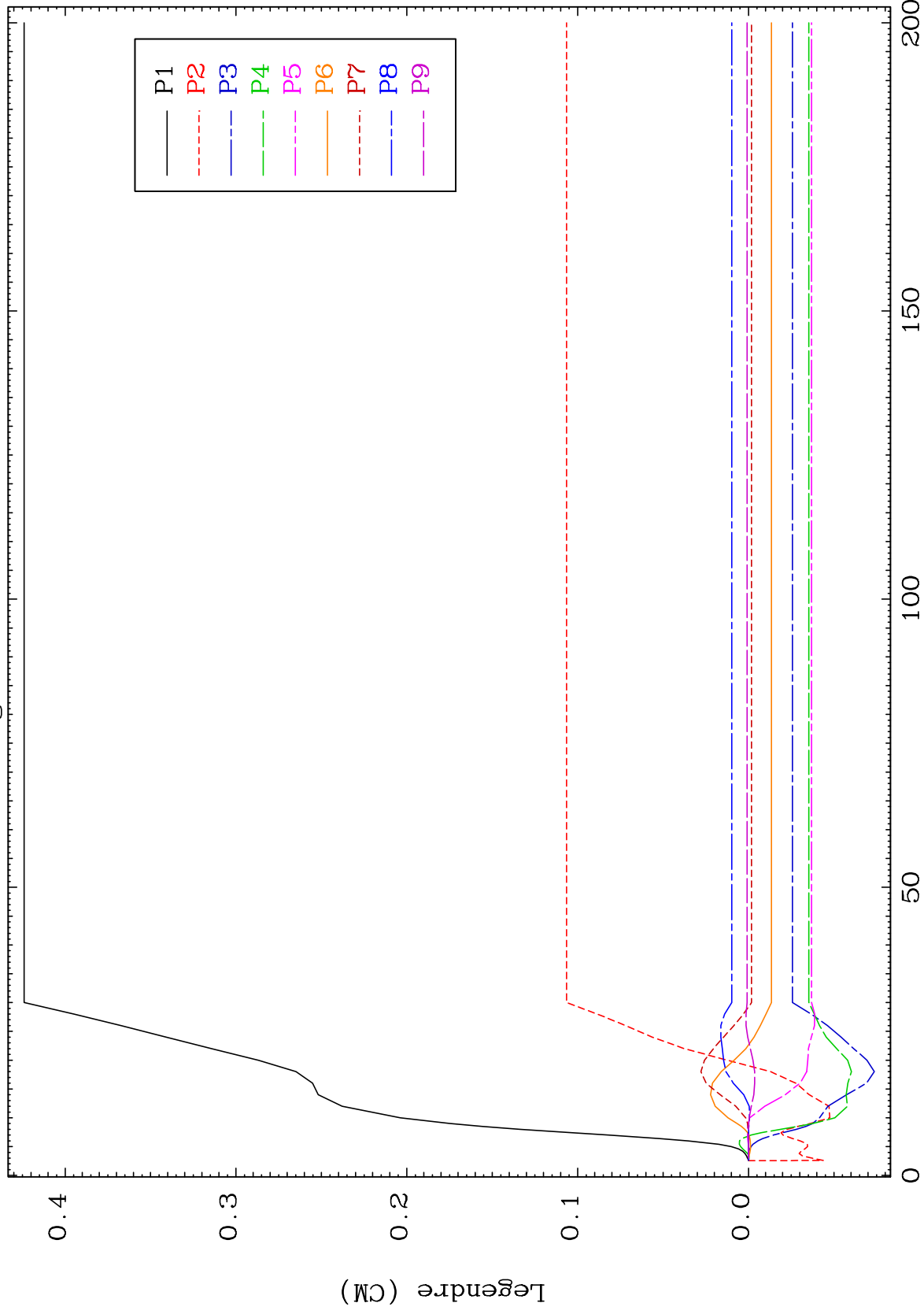




MAT 4437

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

44-Ru-100



123

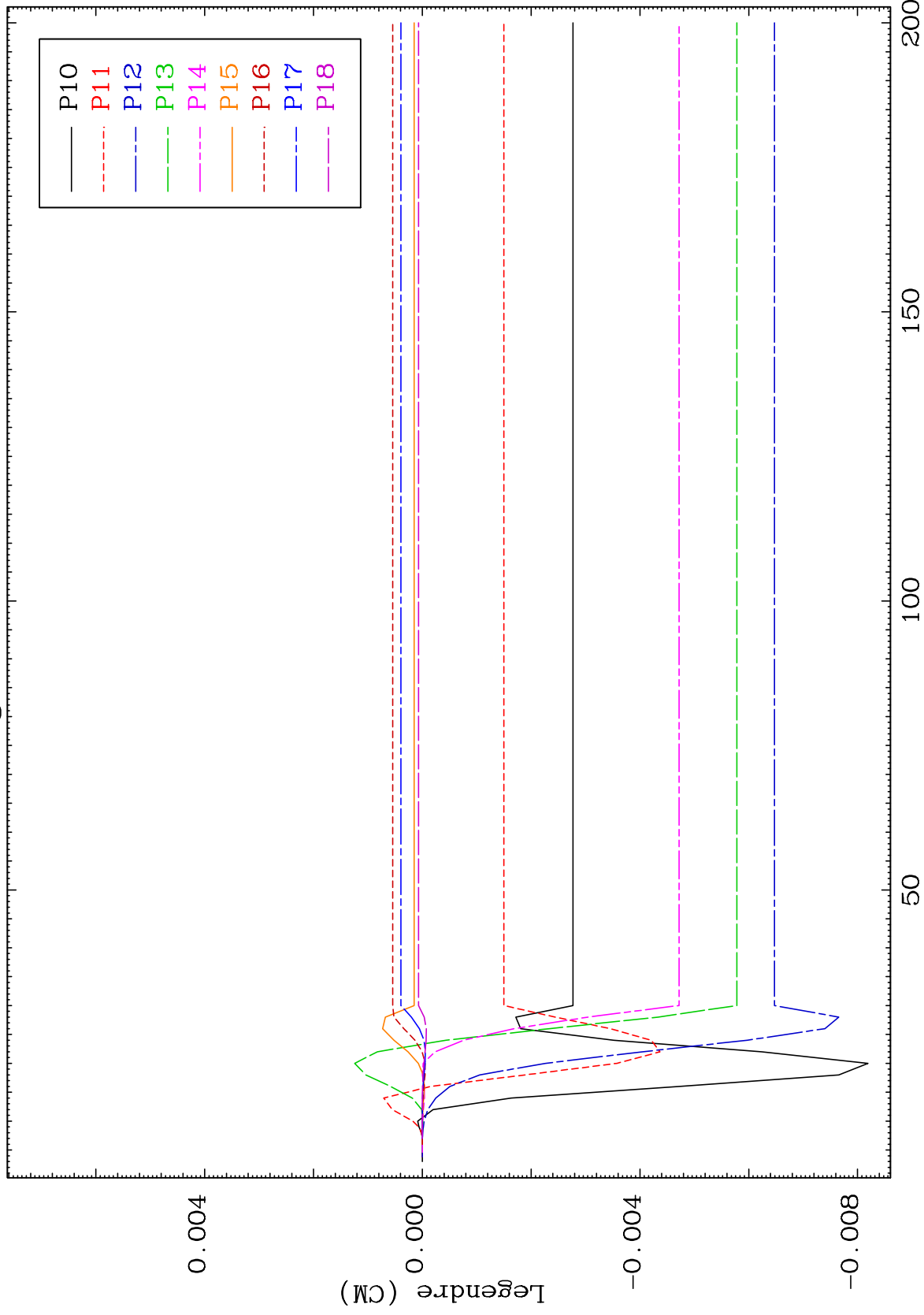
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



124

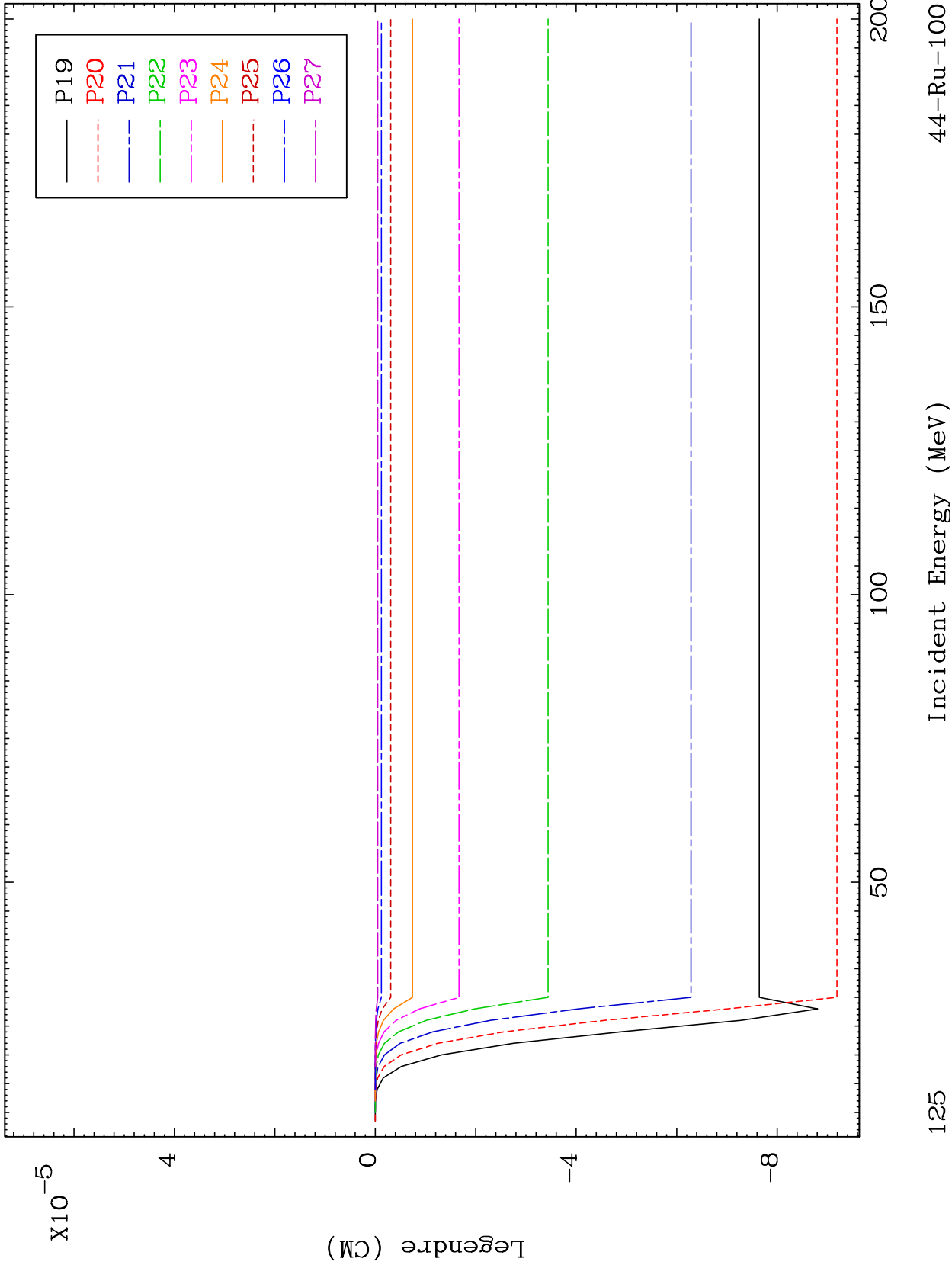
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

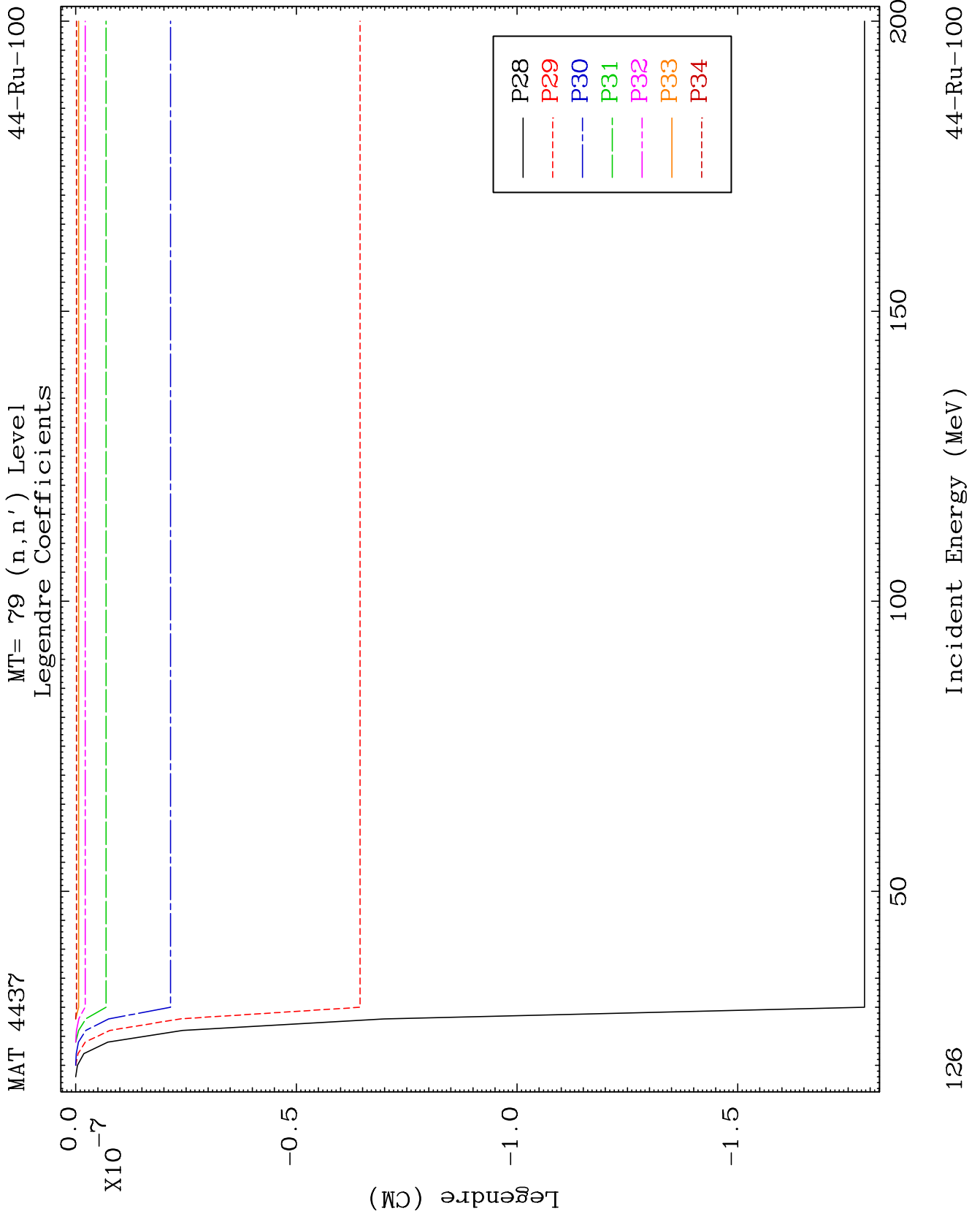
44-Ru-100



125

Incident Energy (MeV)

44-Ru-100



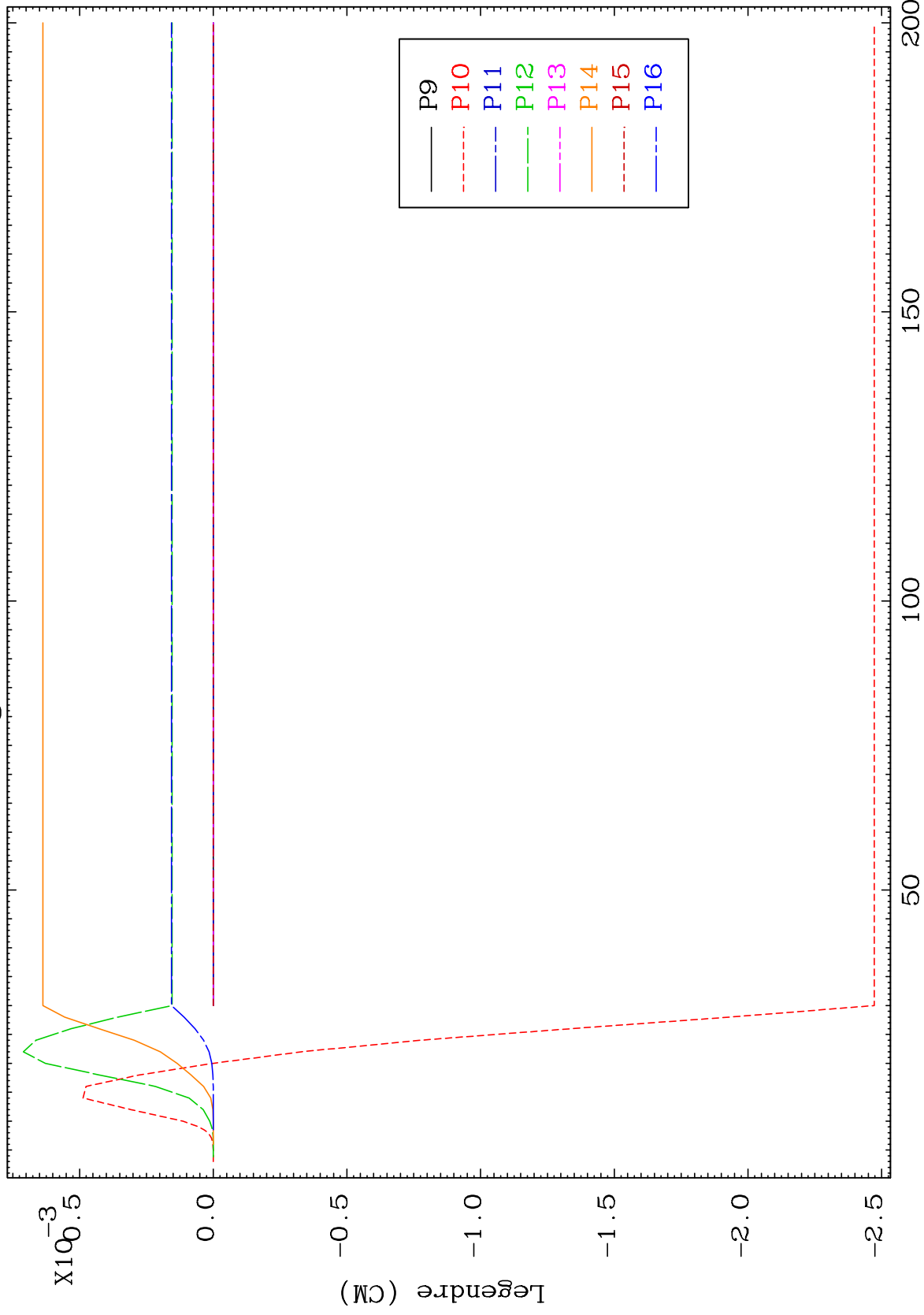




MAT 4437

MT= 80 (n,n') Level  
Legendre Coefficients

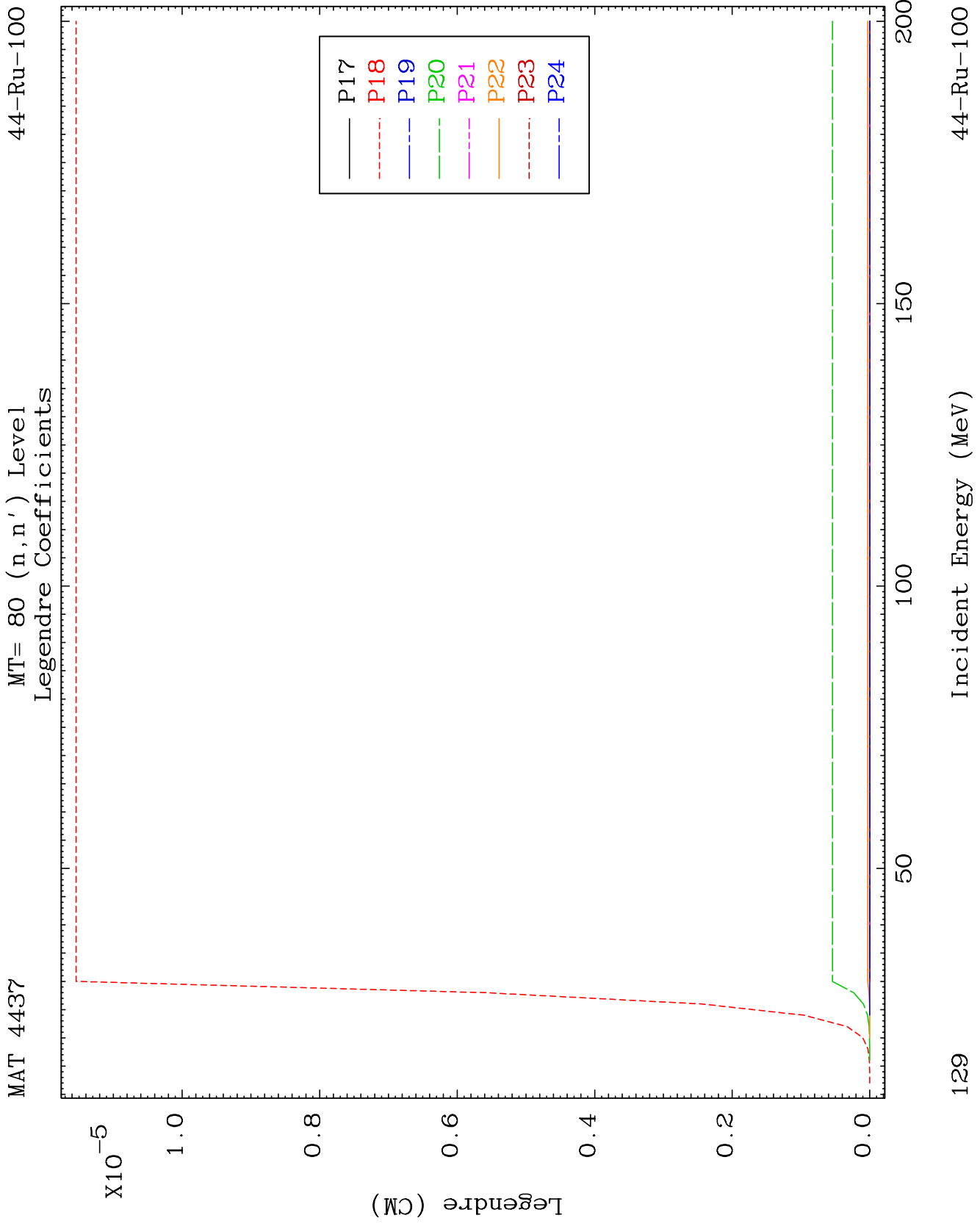
44-Ru-100



128

Incident Energy (MeV)

44-Ru-100

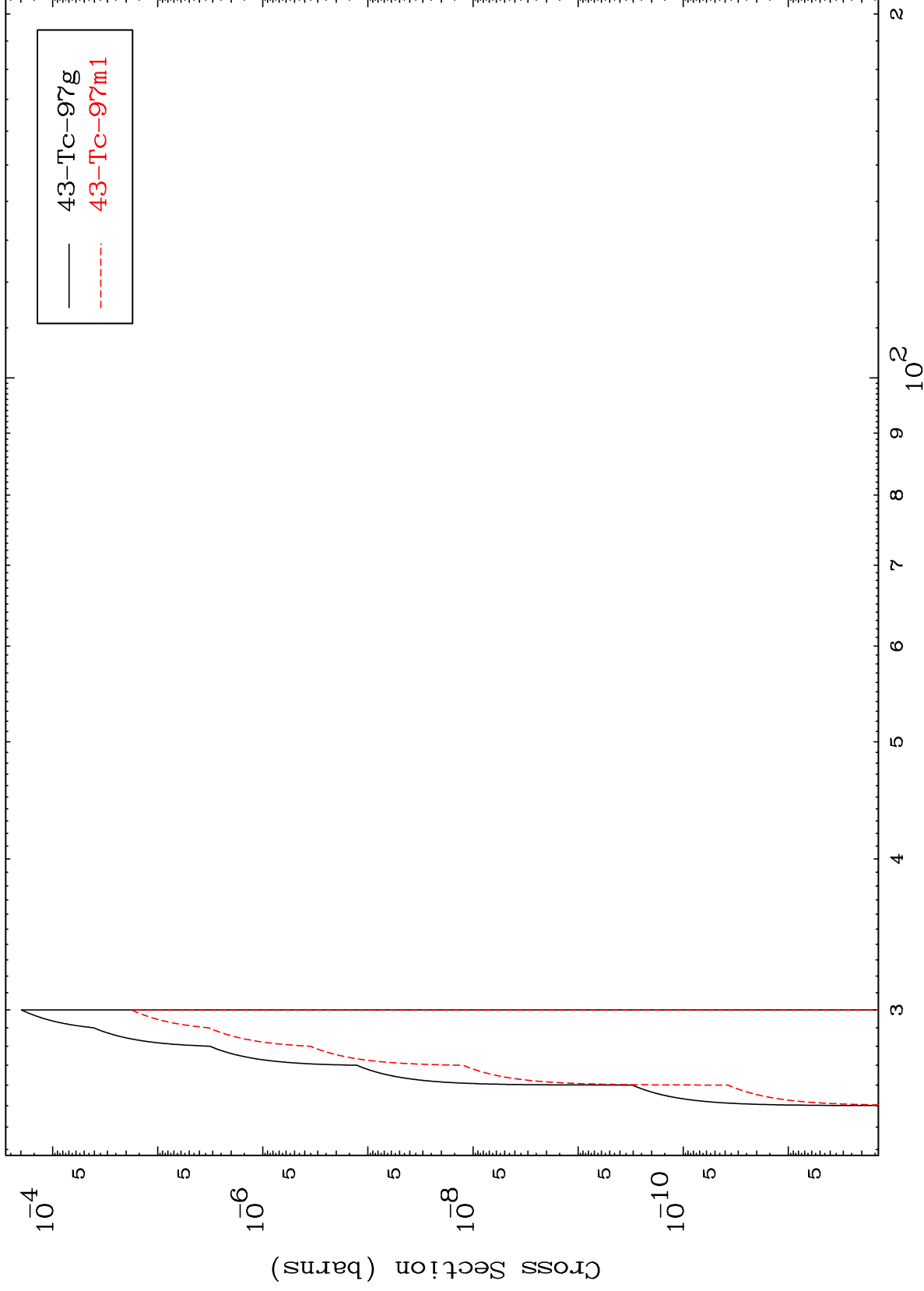


MAT 4437

(n,2n) d

44-Ru-100

Radionuclide Production Cross Section



130

Incident Energy (MeV)

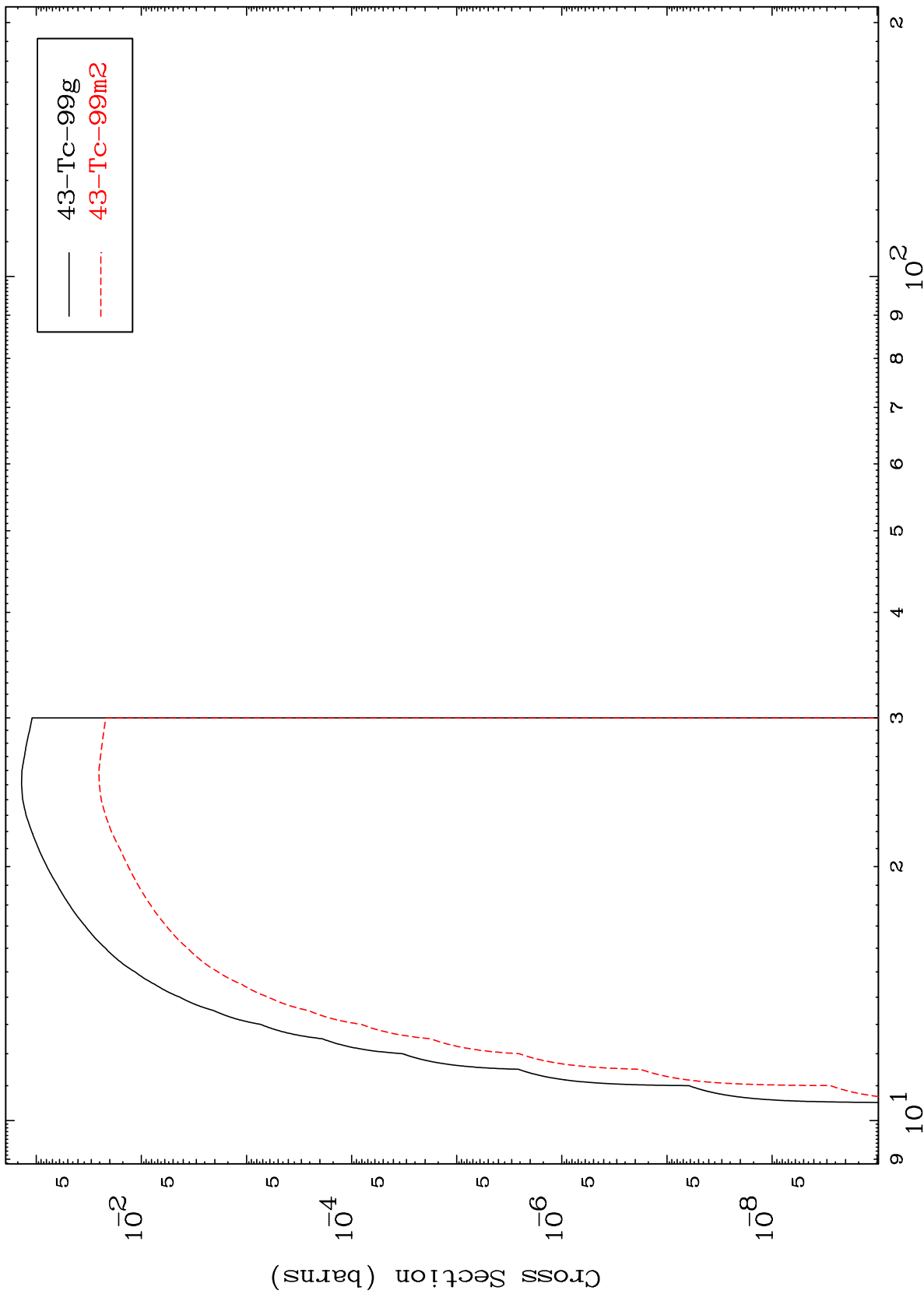
44-Ru-100

MAT 4437

(n,n') p

44-Ru-100

Radionuclide Production Cross Section

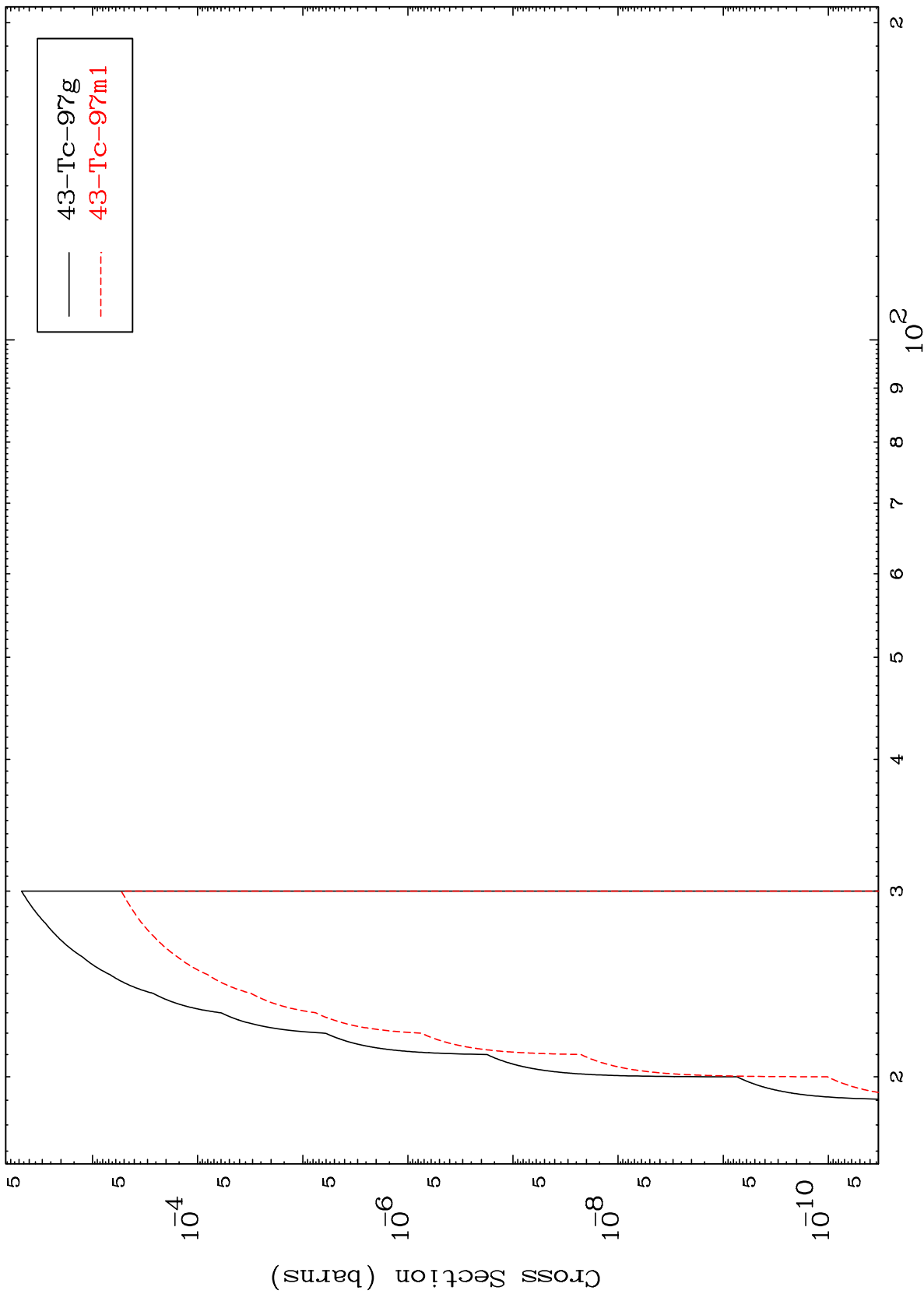


131

Incident Energy (MeV)

44-Ru-100

Radionuclide Production Cross Section

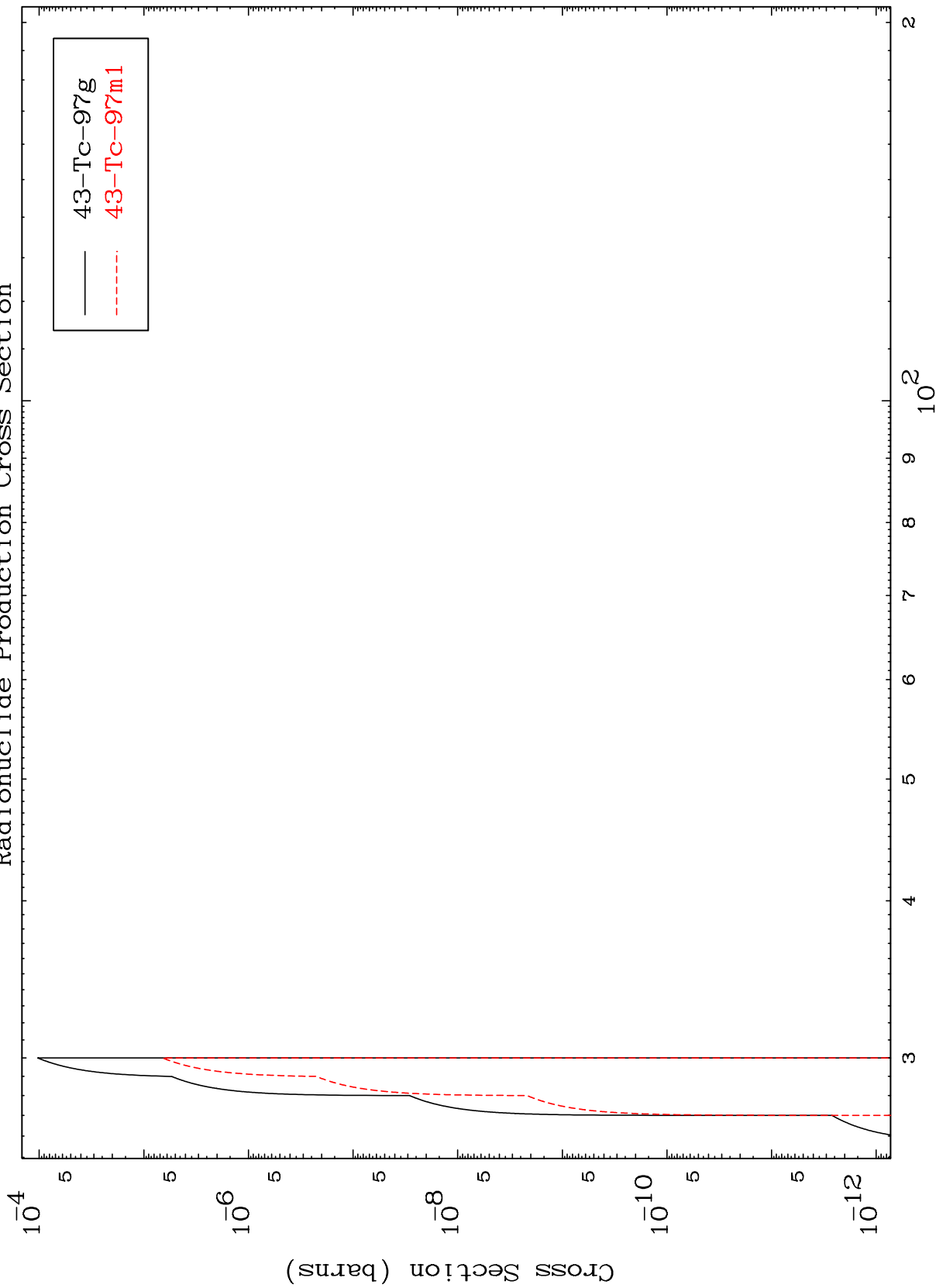


MAT 4437

(n,3n) p

44-Ru-100

Radionuclide Production Cross Section



133

Incident Energy (MeV)

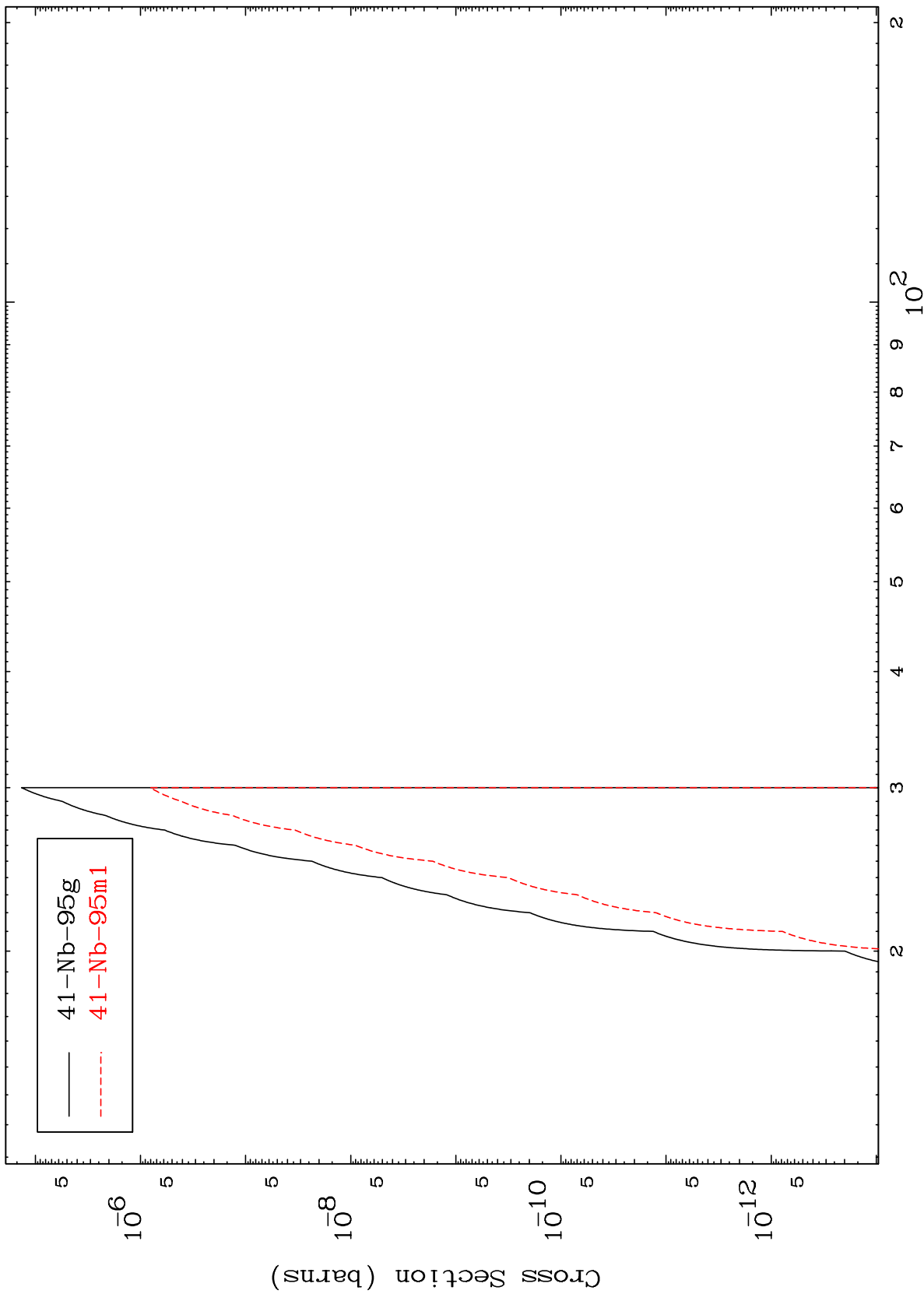
44-Ru-100

MAT 4437

(n,n') p  $\alpha$

44-Ru-100

Radionuclide Production Cross Section



134

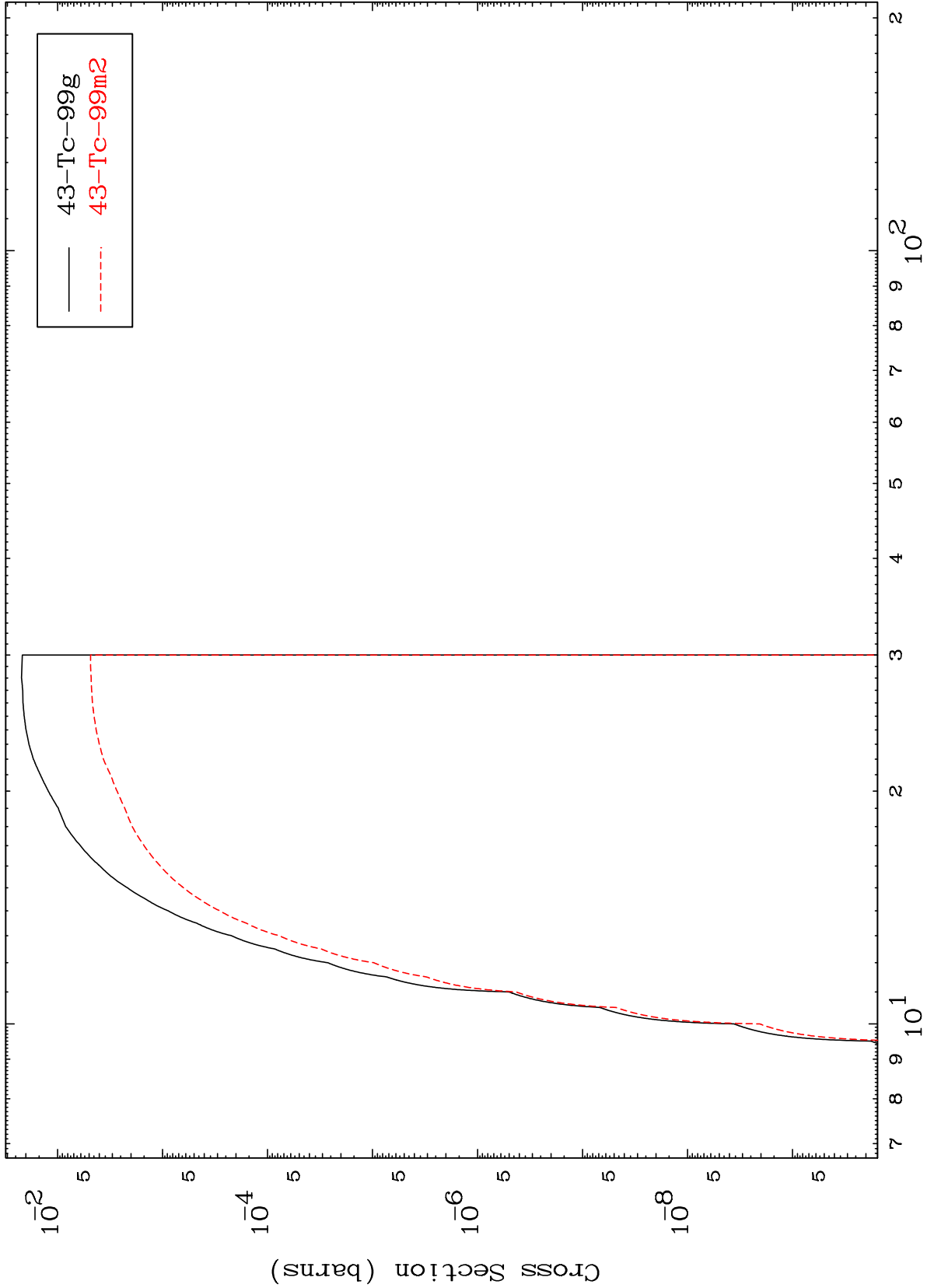
Incident Energy (MeV)

44-Ru-100

MAT 4437

44-Ru-100

(n,d)  
Radionuclide Production Cross Section



135

Incident Energy (MeV)

44-Ru-100



MAT 4437

(n,d)  $\alpha$

44-Ru-100

