

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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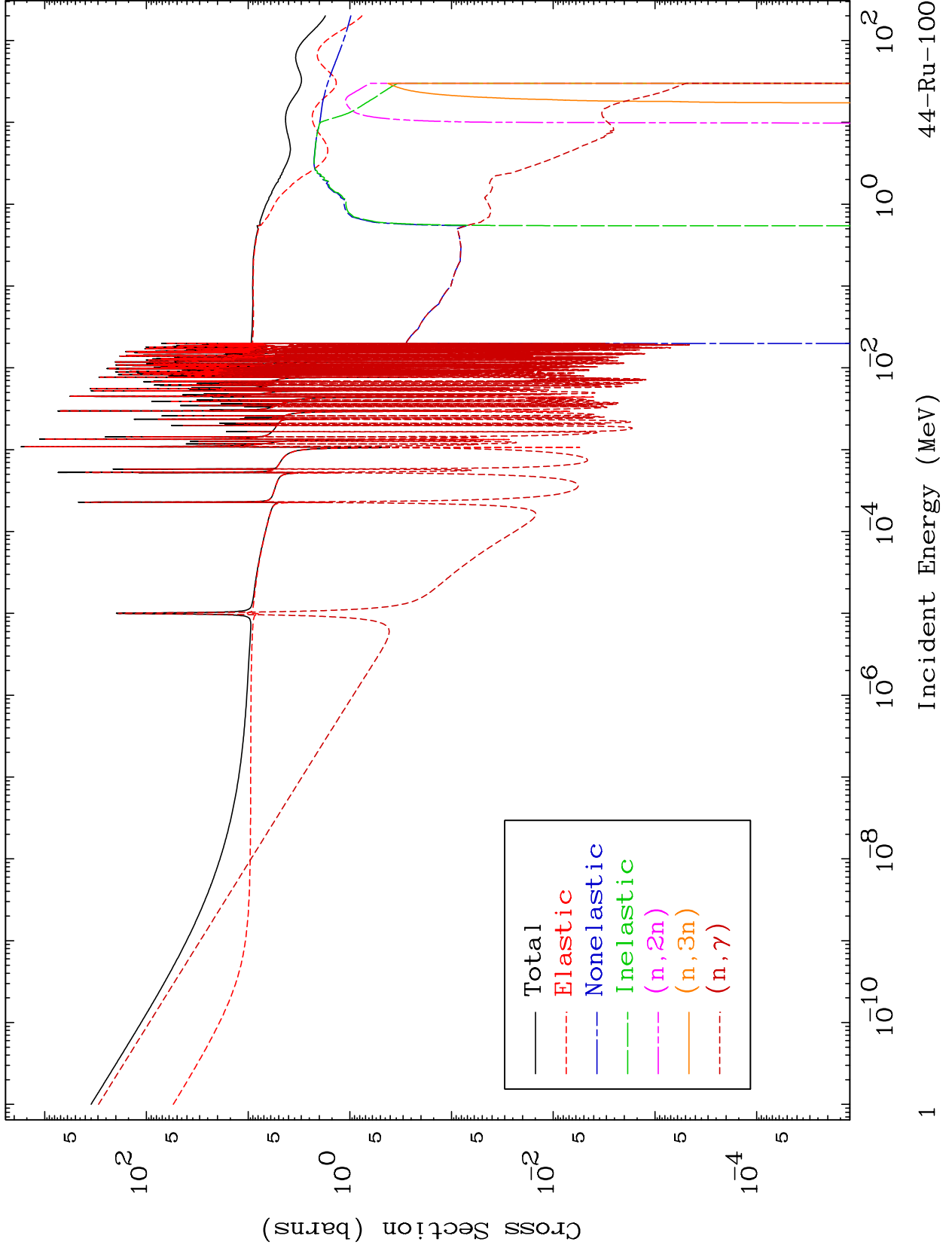
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4437

Neutron Major  
293 Kelvin Cross Sections

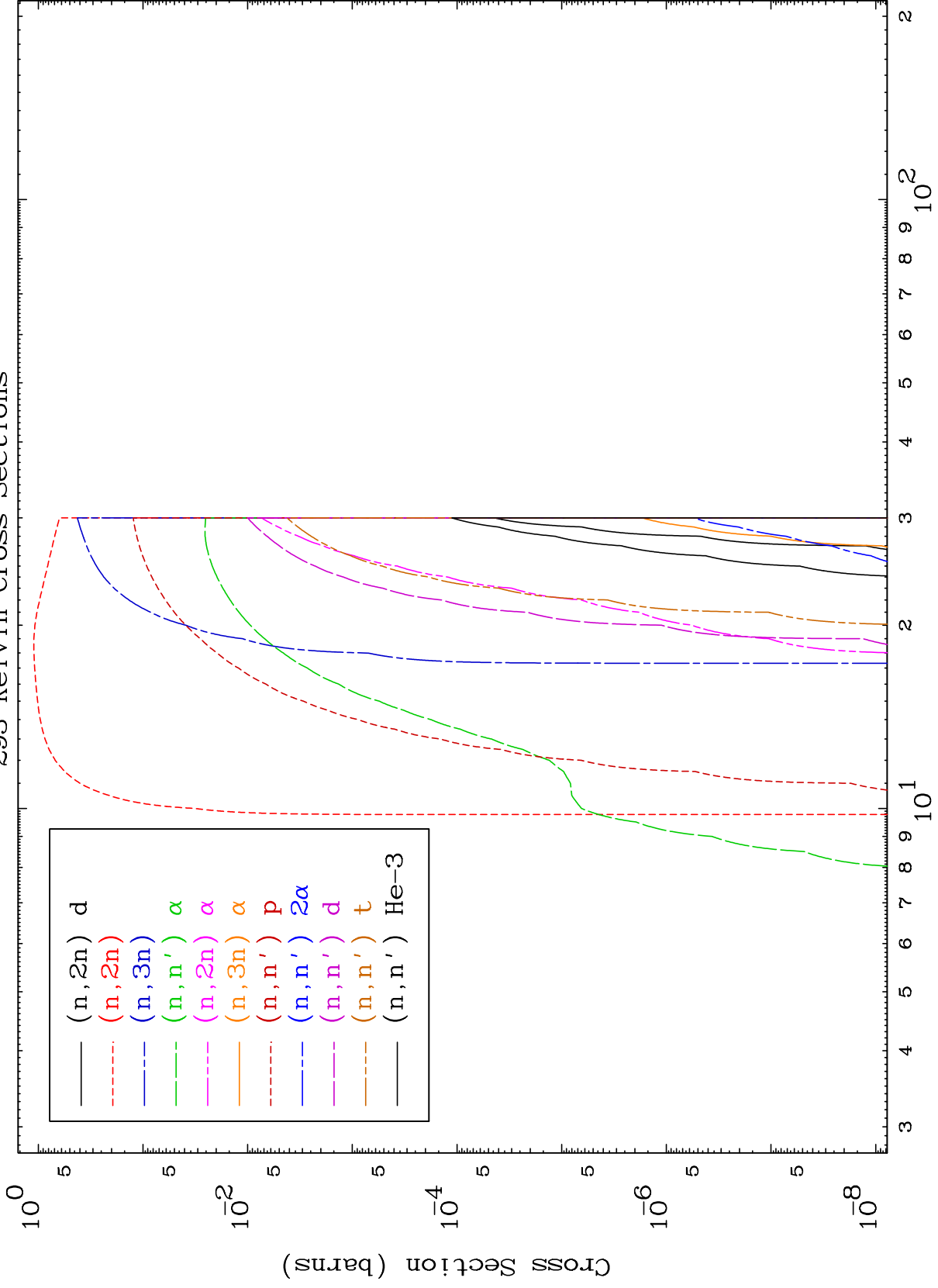
44-Ru-100



MAT 4437

Neutron Absorption  
293 Kelvin Cross Sections

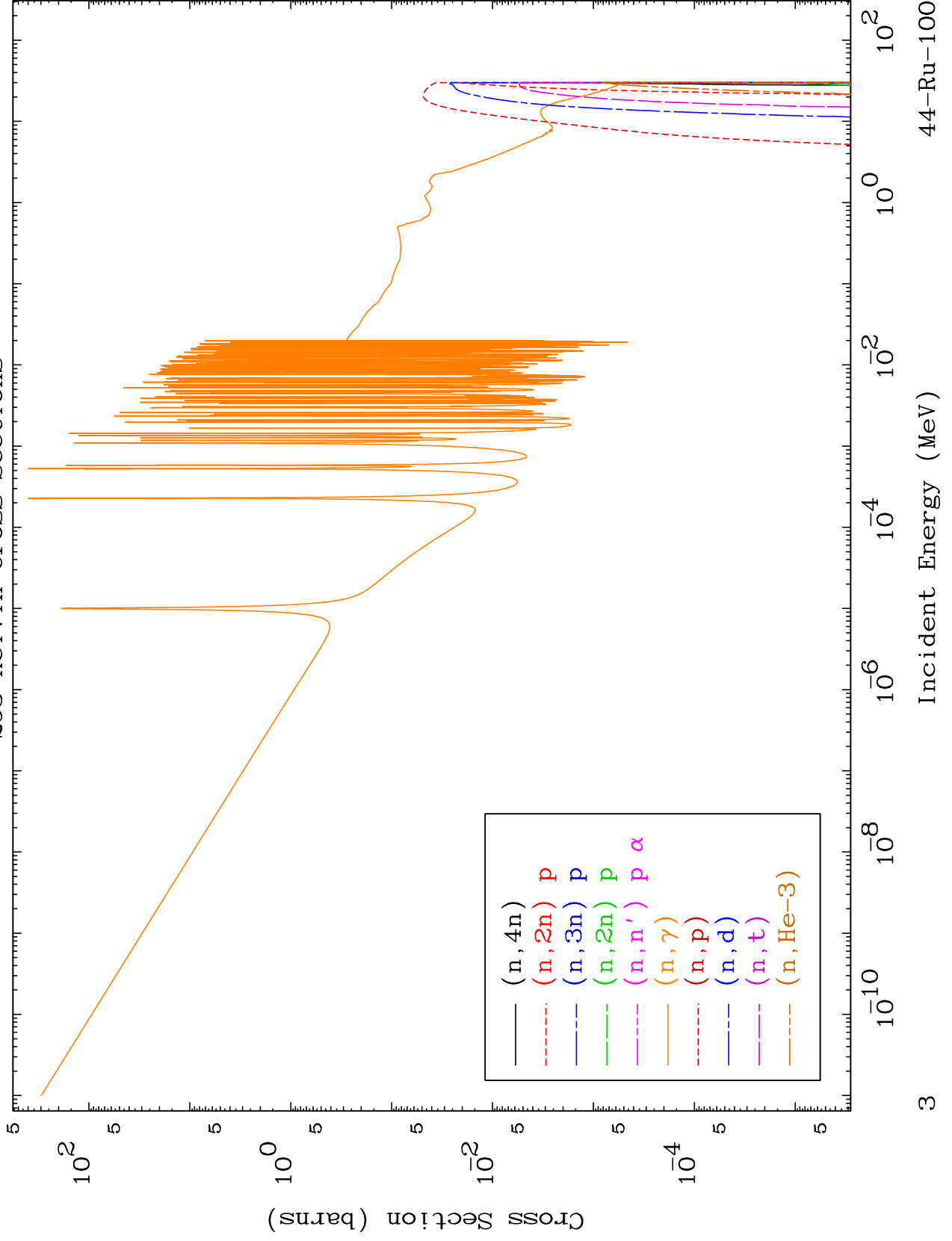
44-Ru-100



MAT 4437

Neutron Absorption  
293 Kelvin Cross Sections

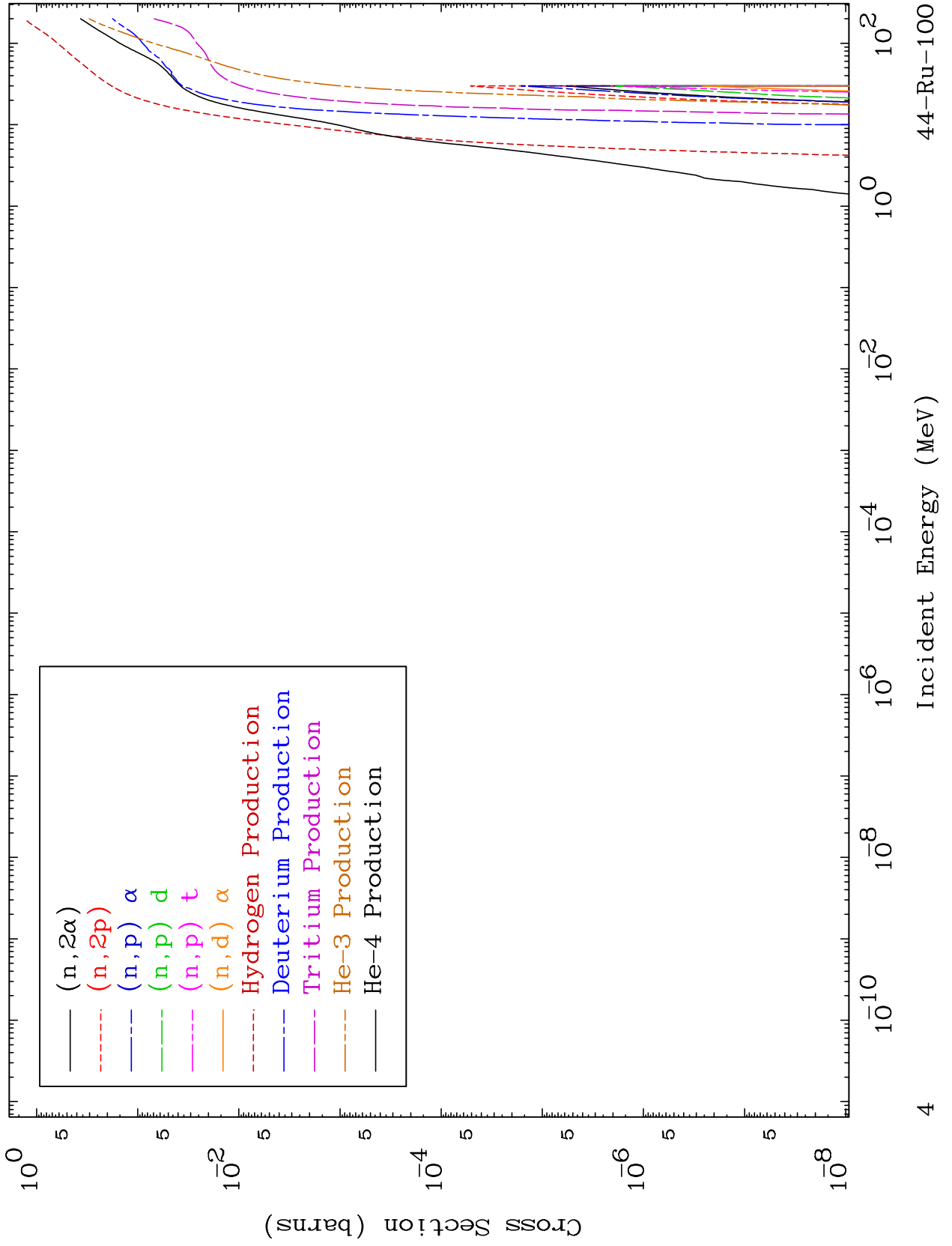
44-Ru-100

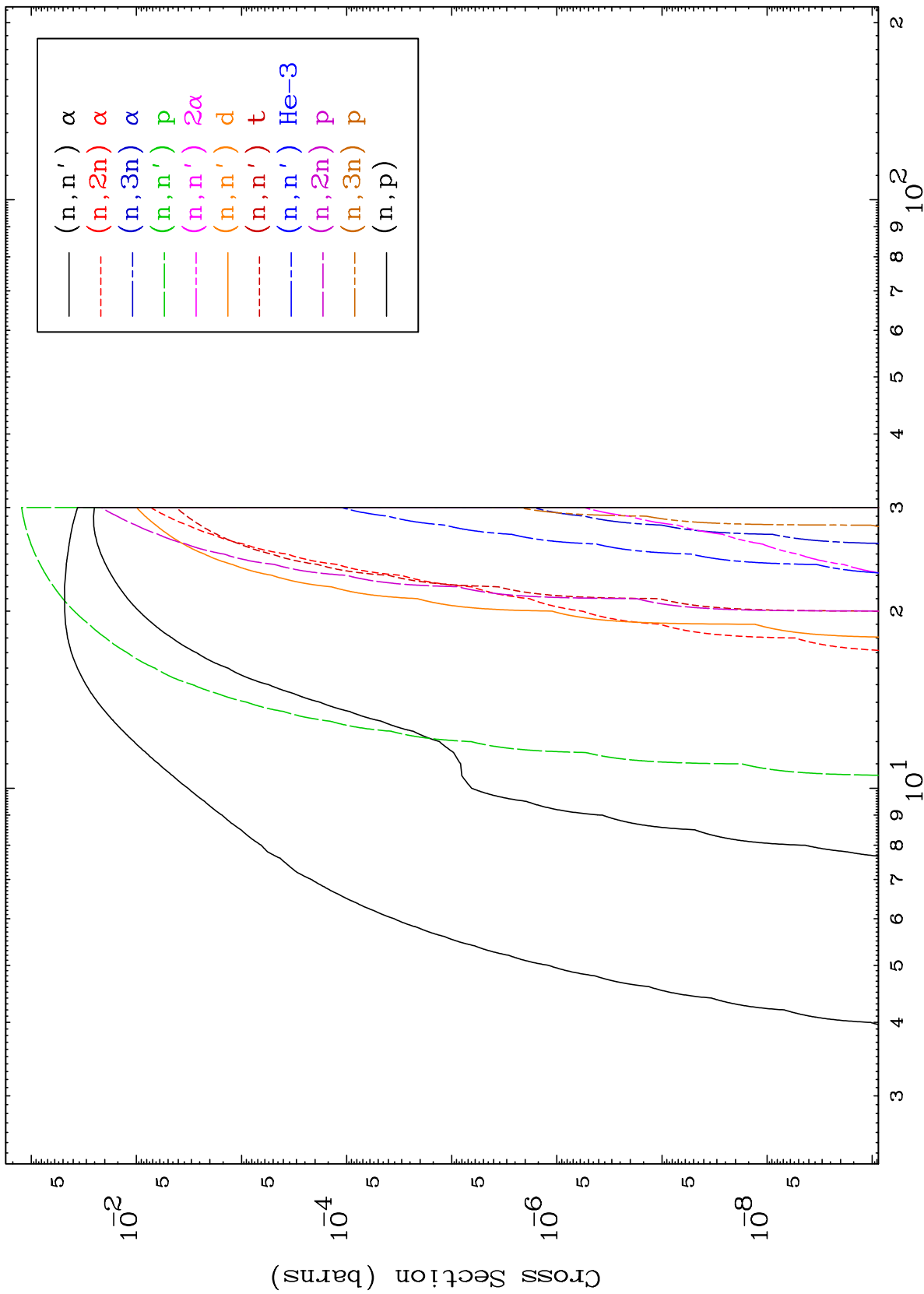


MAT 4437

Neutron Absorption  
293 Kelvin Cross Sections

44-Ru-100

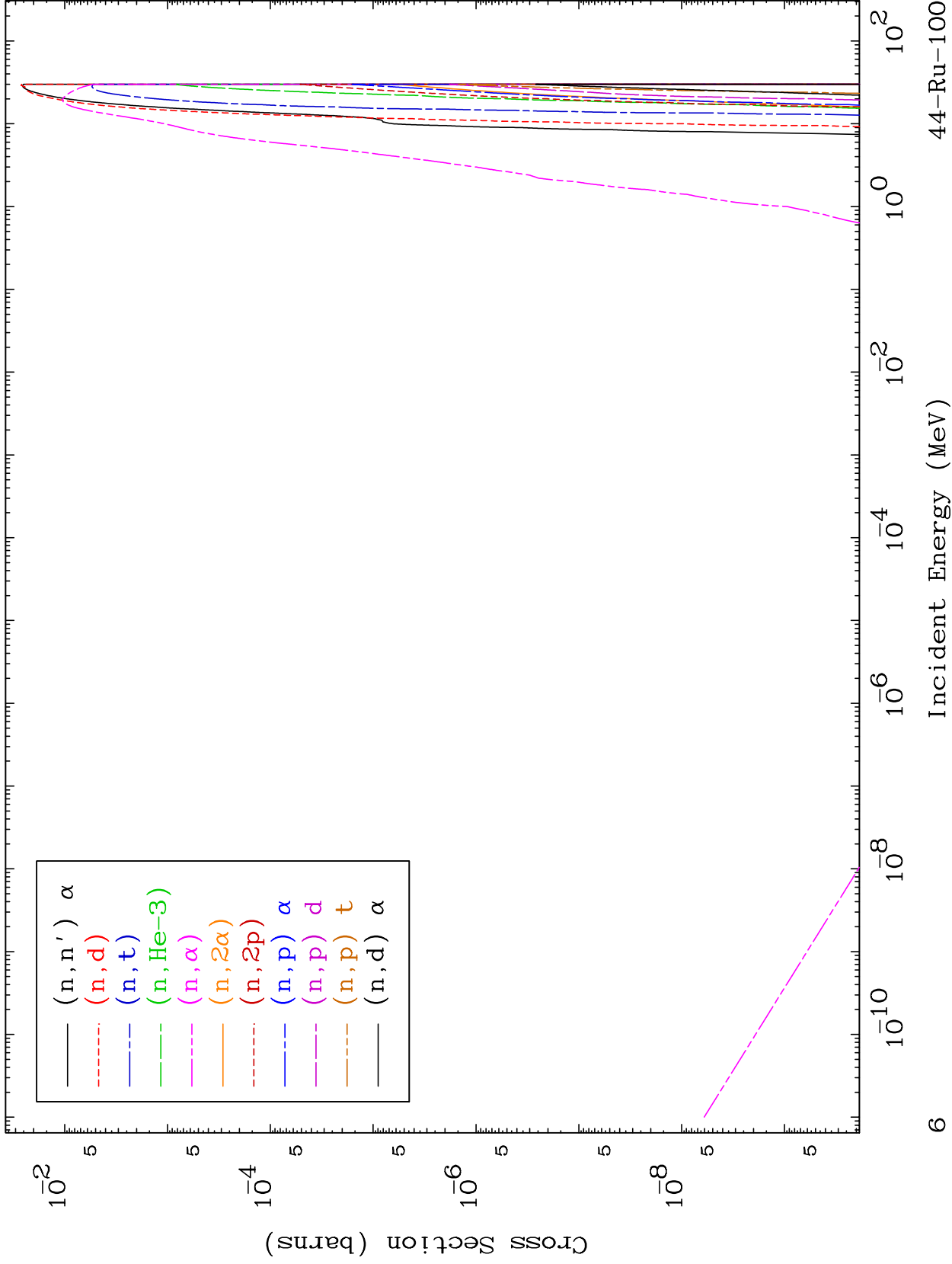




MAT 4437

Charged Particle  
293 Kelvin Cross Sections

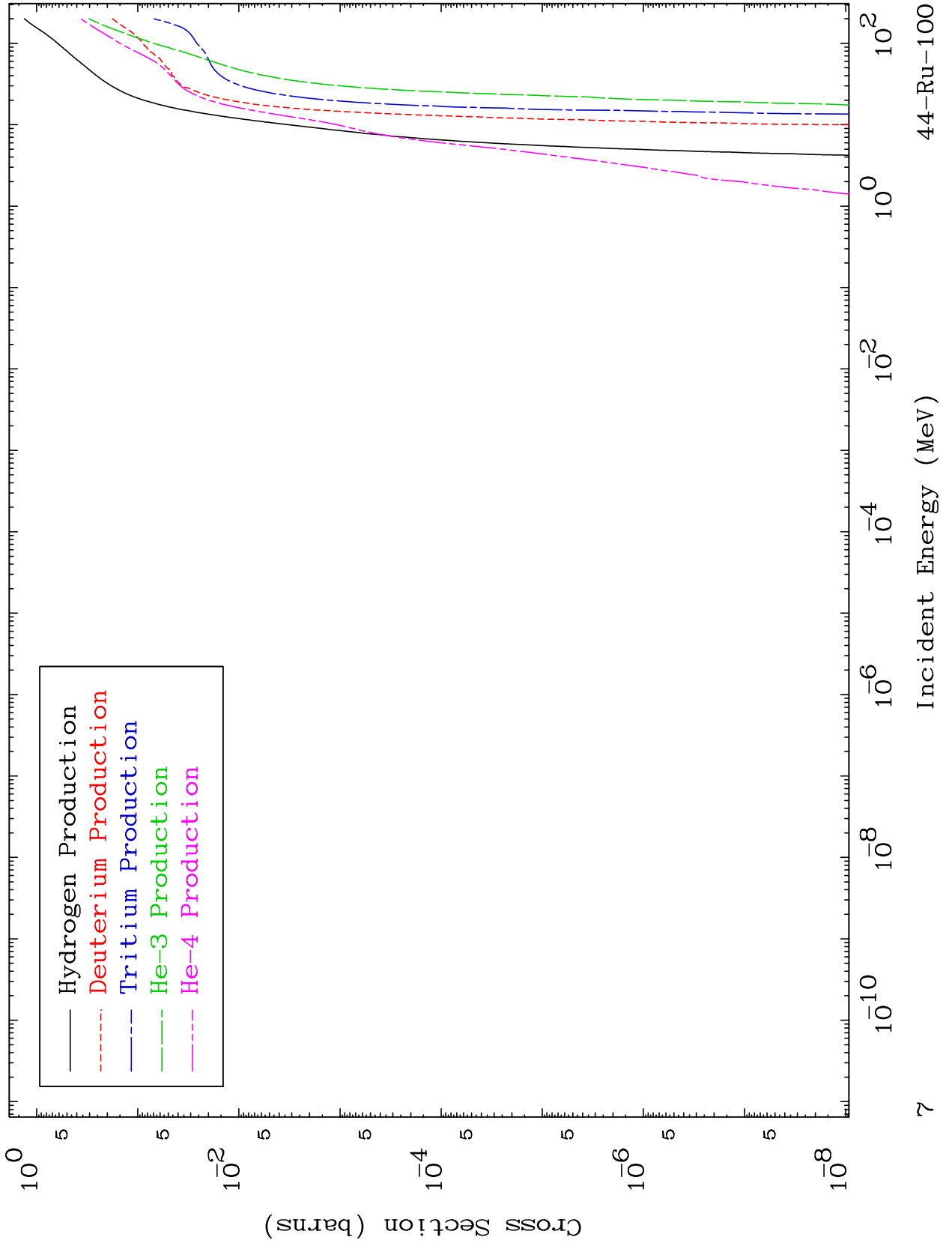
44-Ru-100



MAT 4437

Particle Production  
293 Kelvin Cross Sections

44-Ru-100

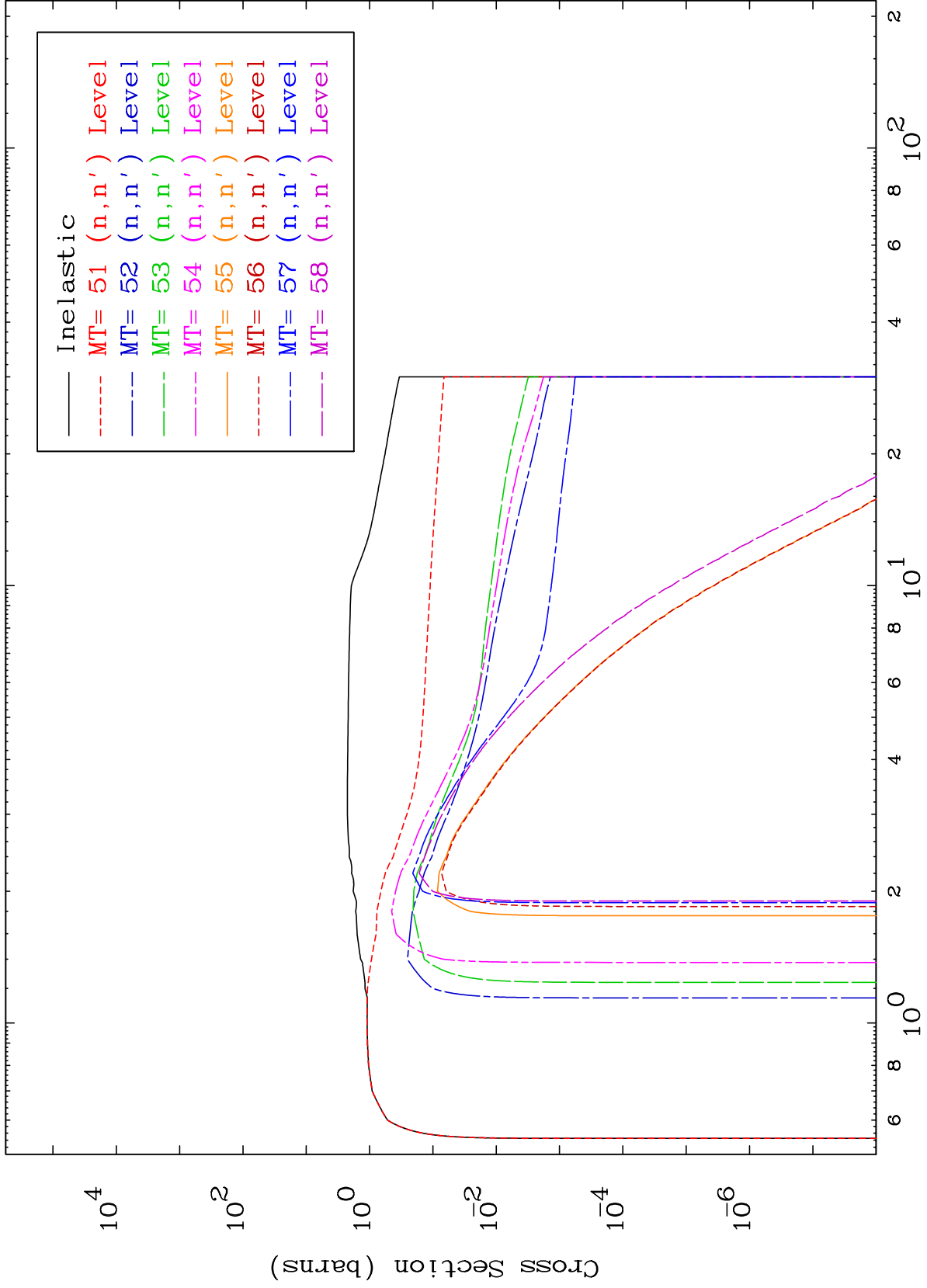


MAT 4437

(n,n') Levels

44-Ru-100

293 Kelvin Cross Sections



8

Incident Energy (MeV)

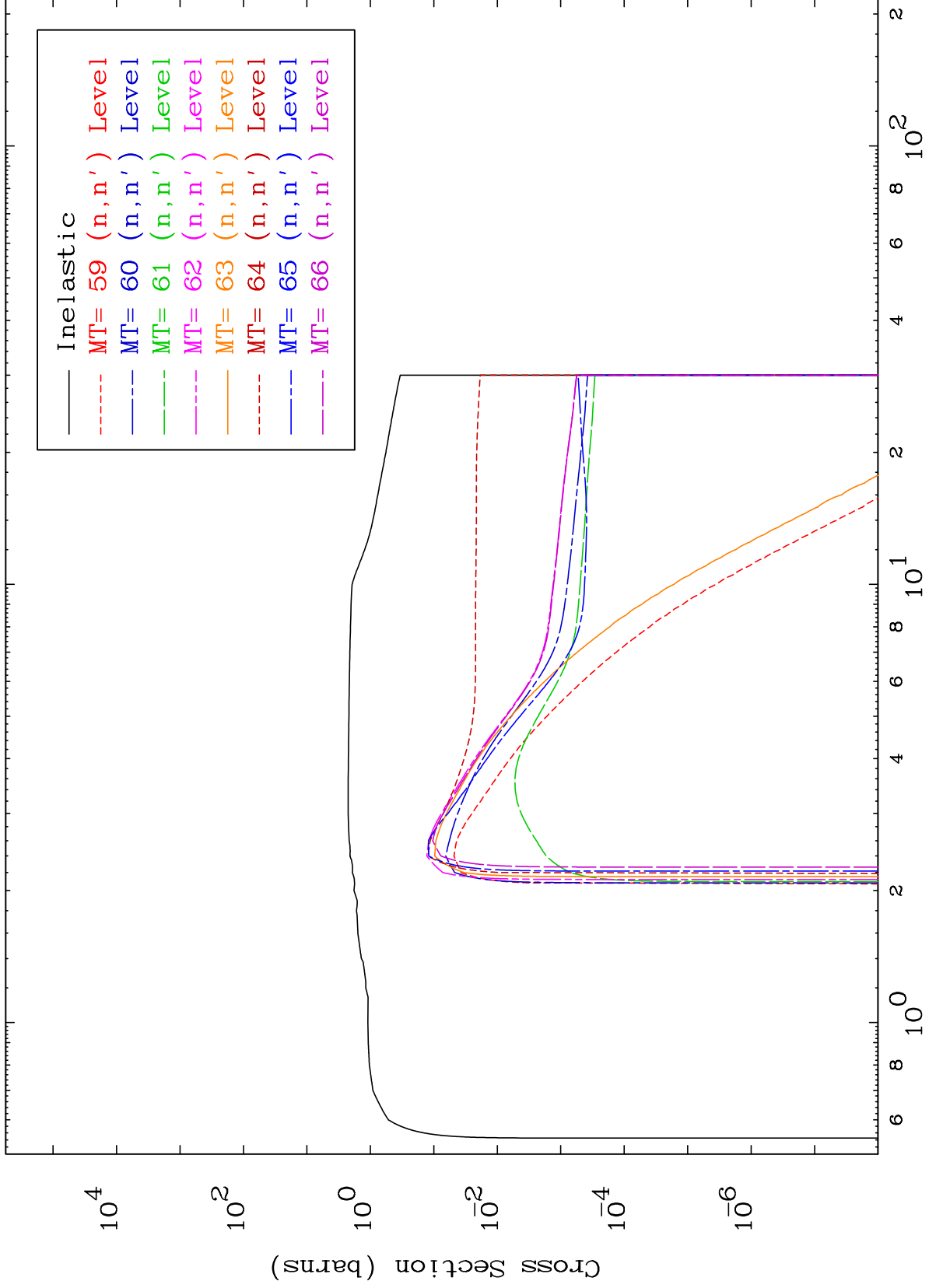
44-Ru-100

MAT 4437

(n,n') Levels

44-Ru-100

293 Kelvin Cross Sections

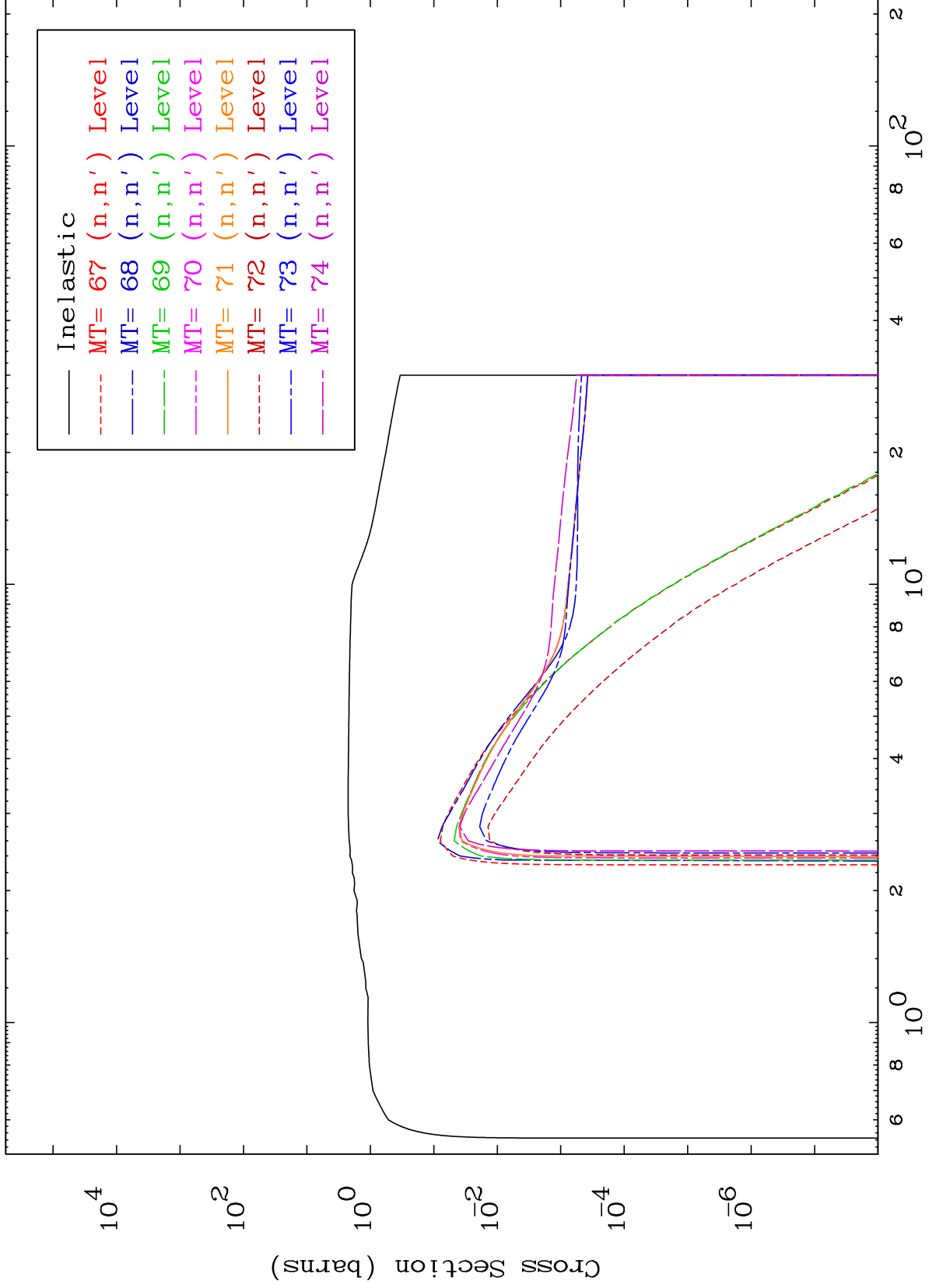


MAT 4437

(n,n') Levels

44-Ru-100

293 Kelvin Cross Sections

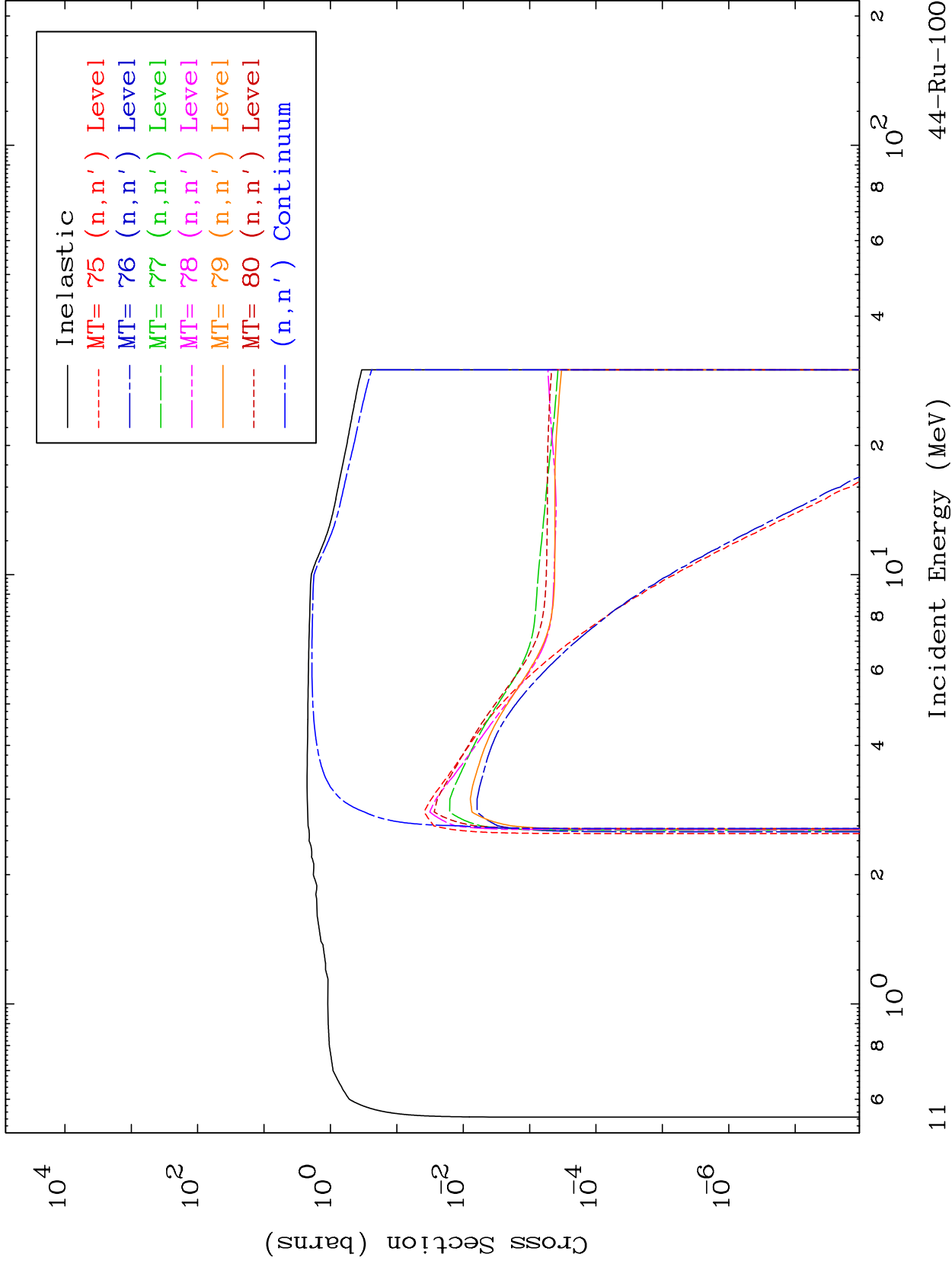


10

Incident Energy (MeV)

44-Ru-100

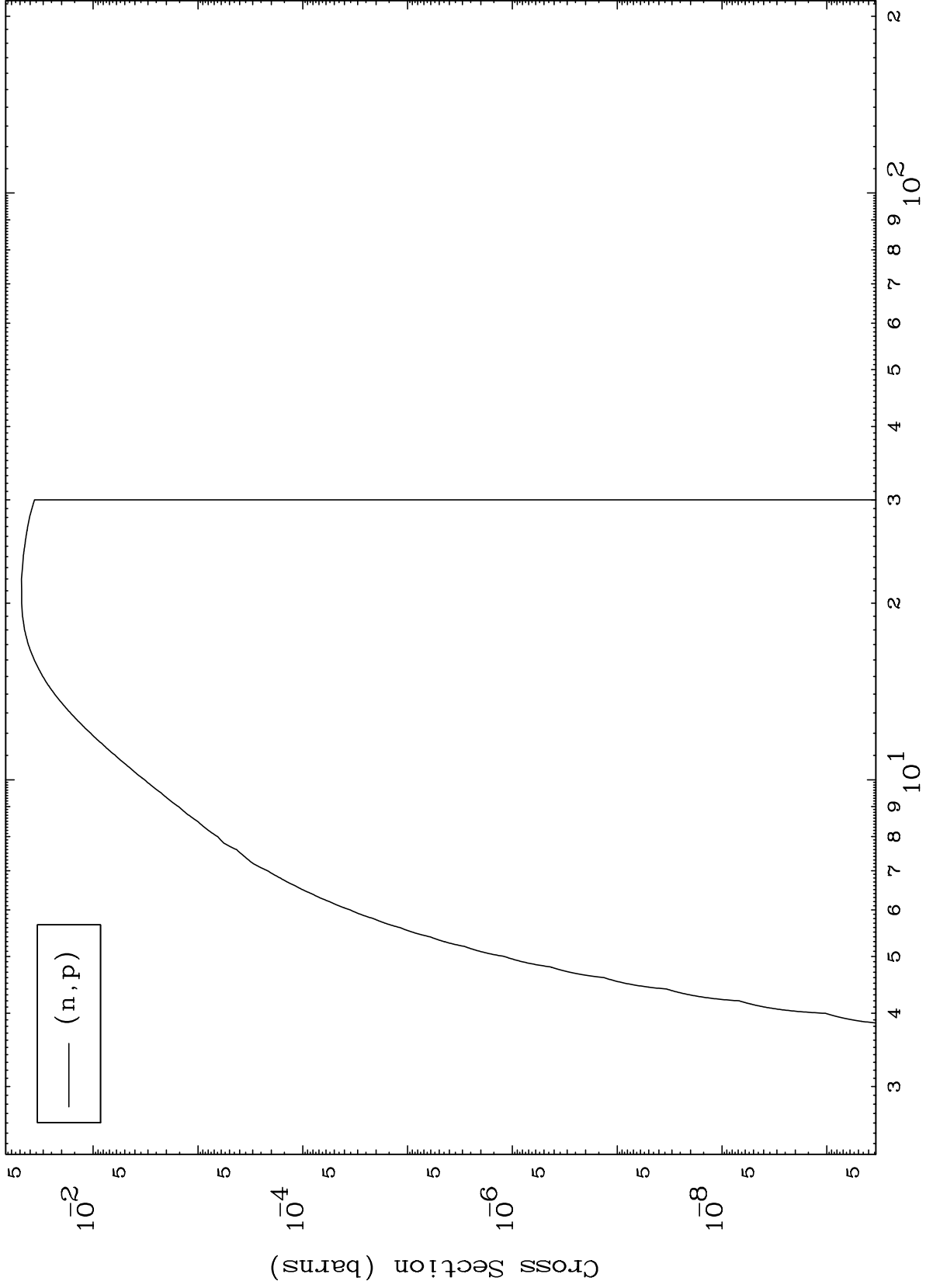
293 Kelvin Cross Sections



MAT 4437

(n,p) Levels  
293 Kelvin Cross Sections

44-Ru-100



12

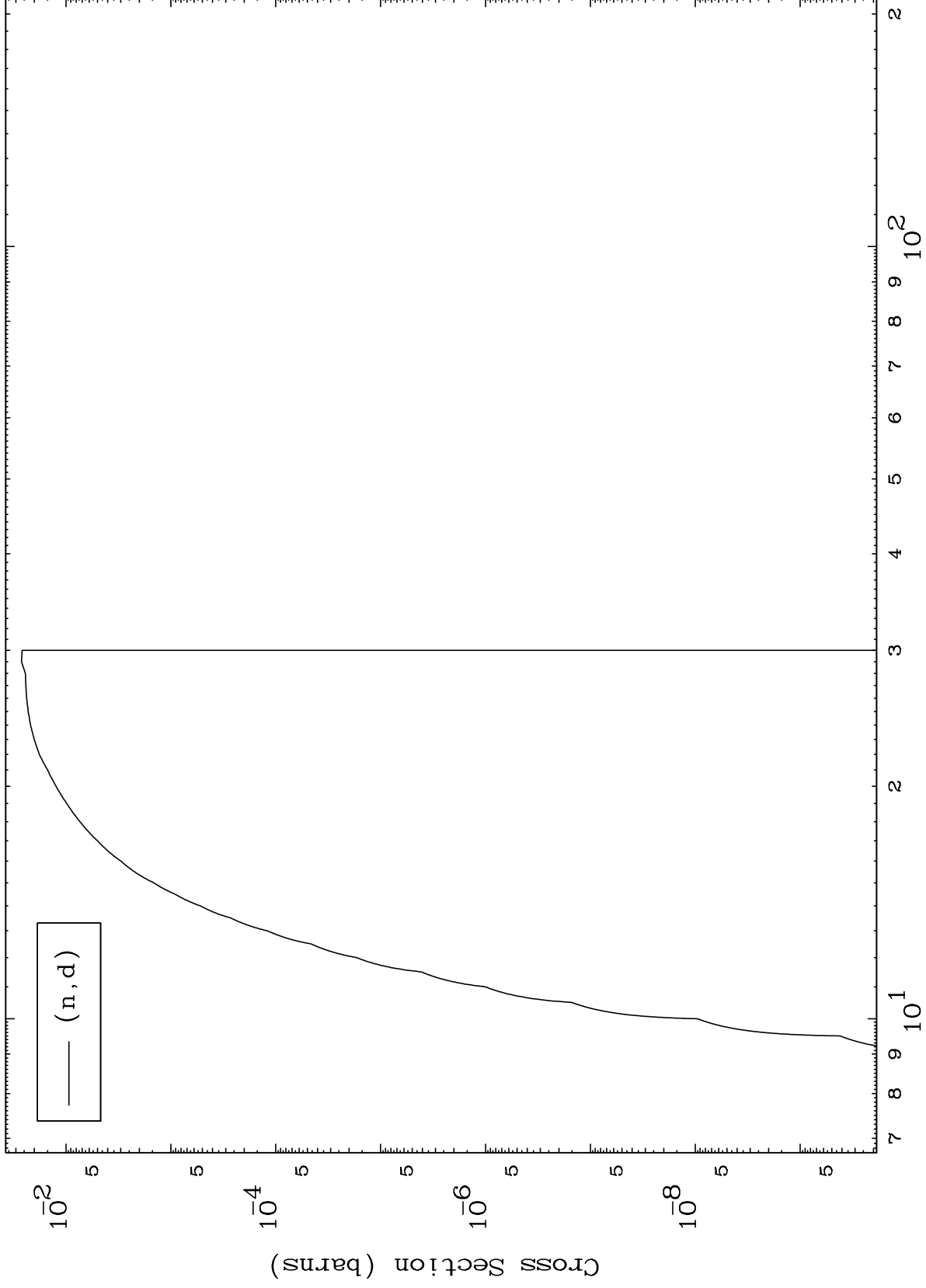
Incident Energy (MeV)

44-Ru-100

MAT 4437

(n,d) Levels  
293 Kelvin Cross Sections

44-Ru-100



13

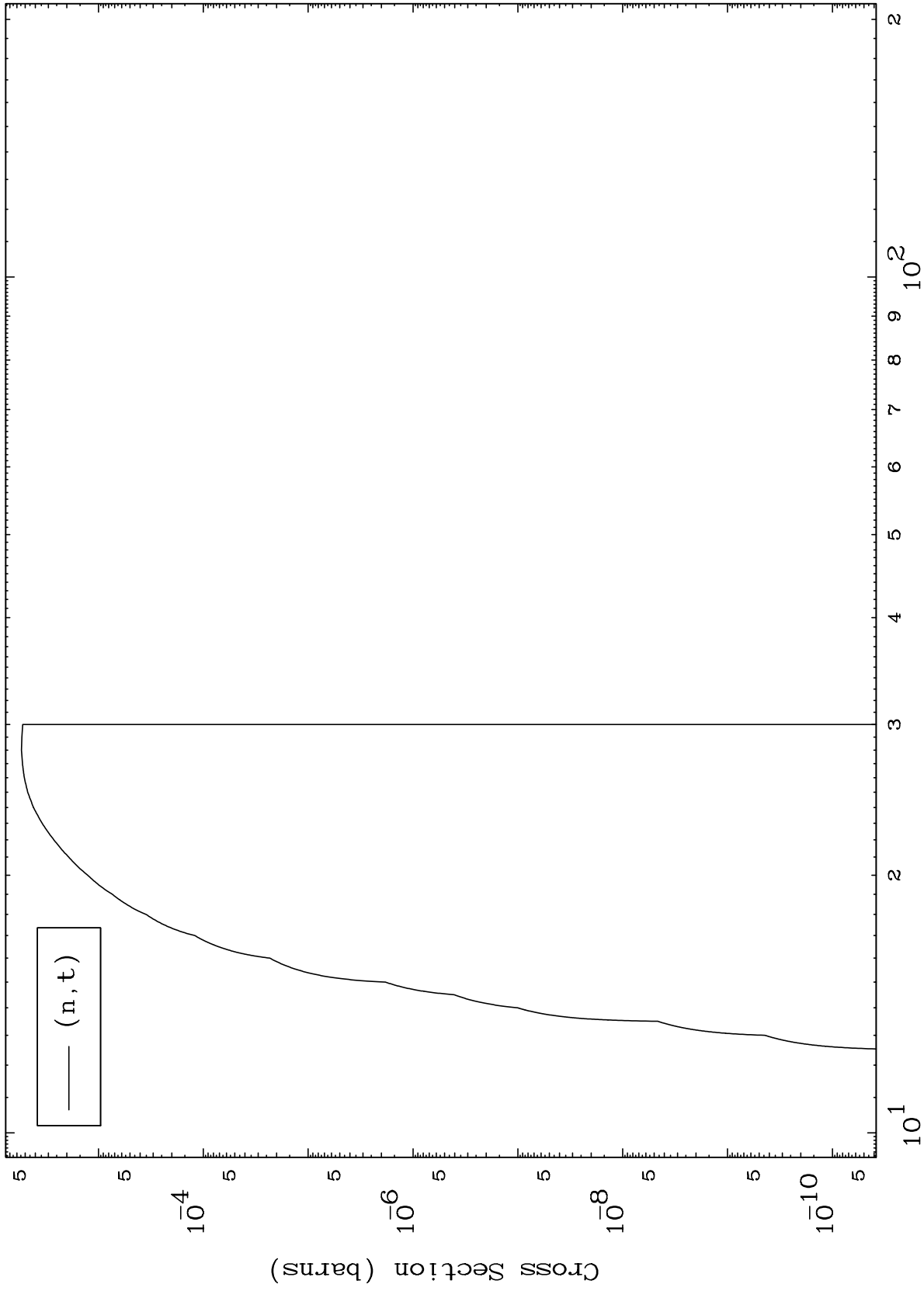
Incident Energy (MeV)

44-Ru-100

MAT 4437

(n,t) Levels  
293 Kelvin Cross Sections

44-Ru-100



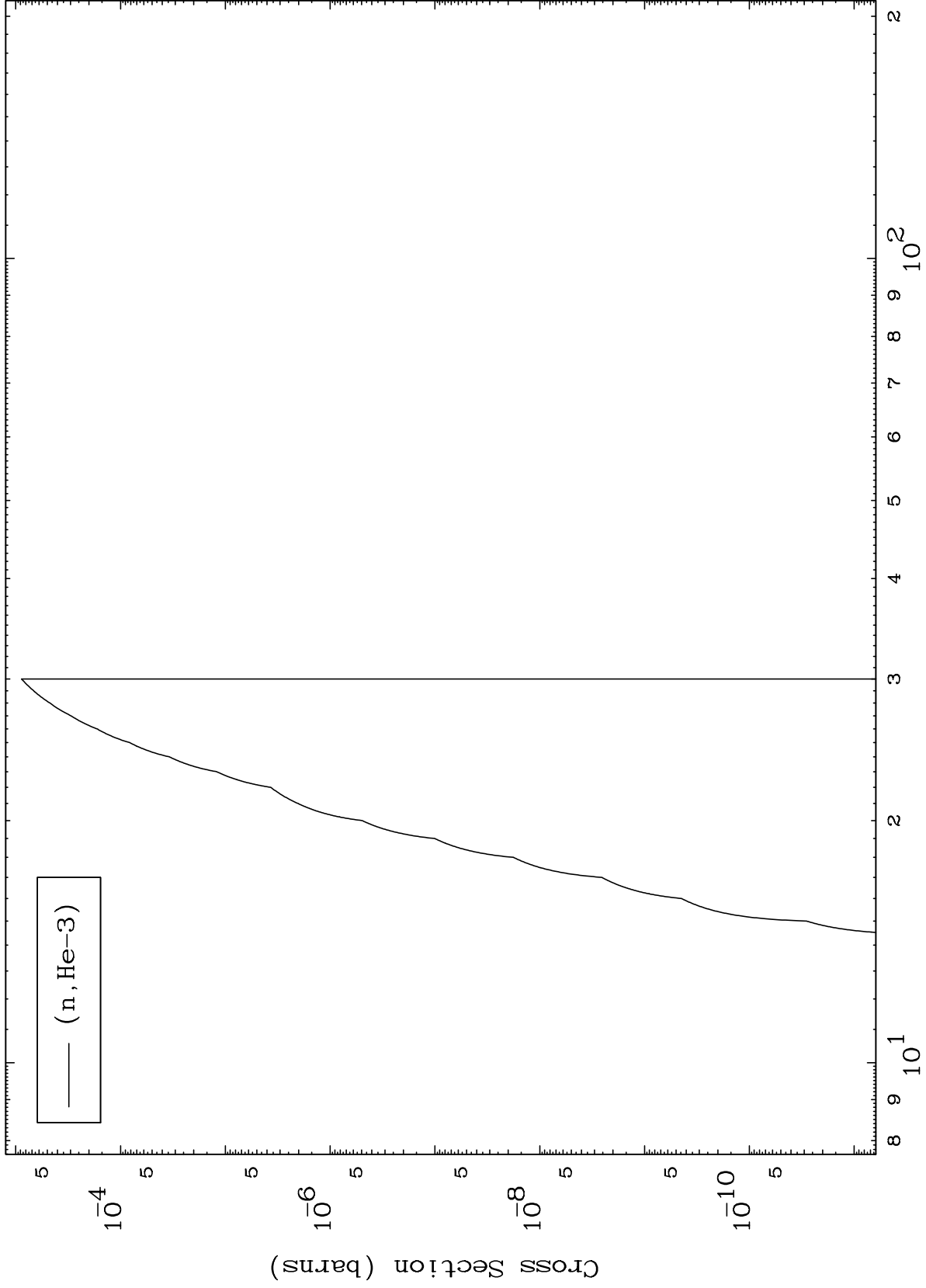
Incident Energy (MeV)

44-Ru-100

MAT 4437

(n,He3) Levels  
293 Kelvin Cross Sections

44-Ru-100



15

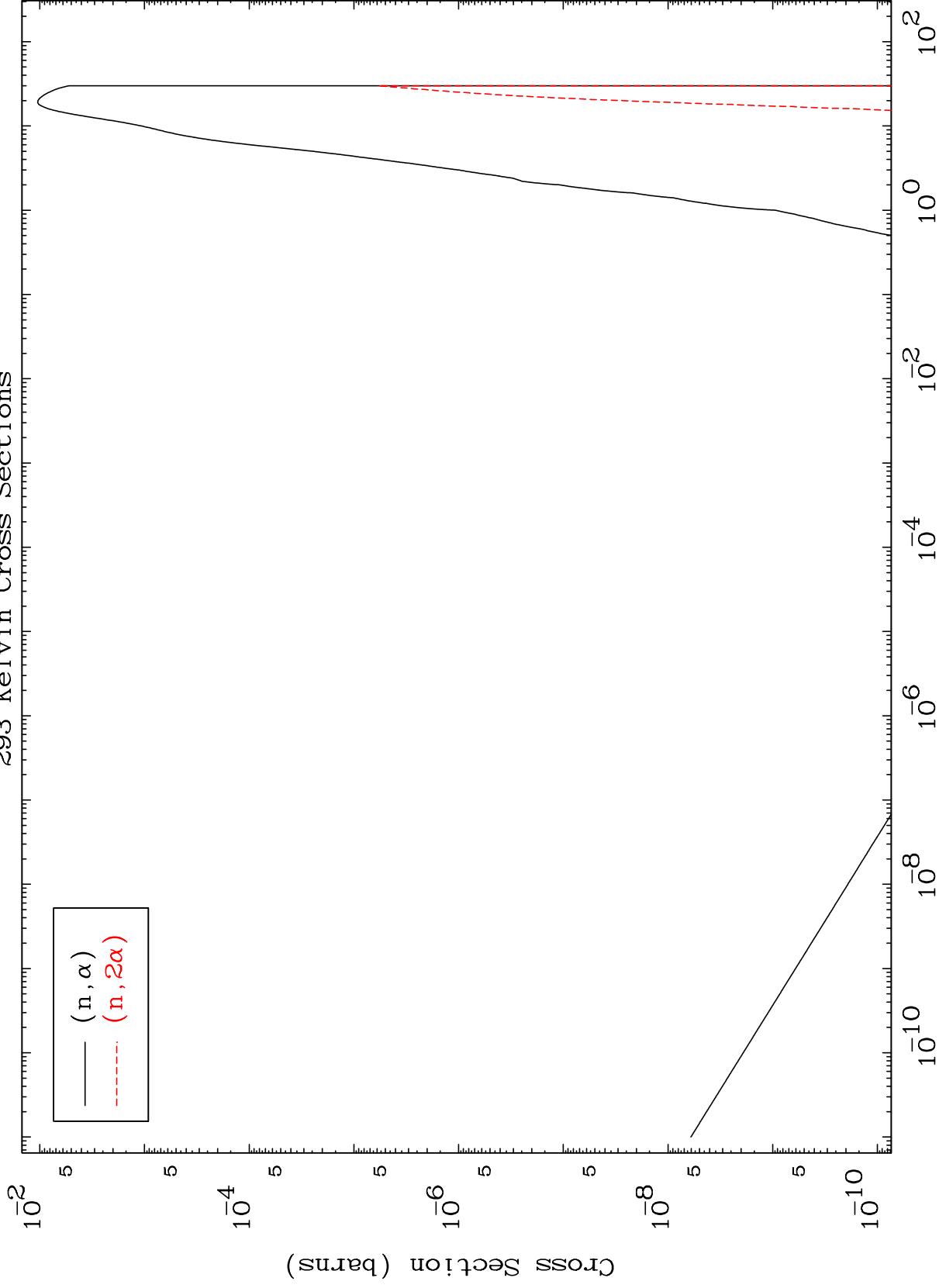
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



16

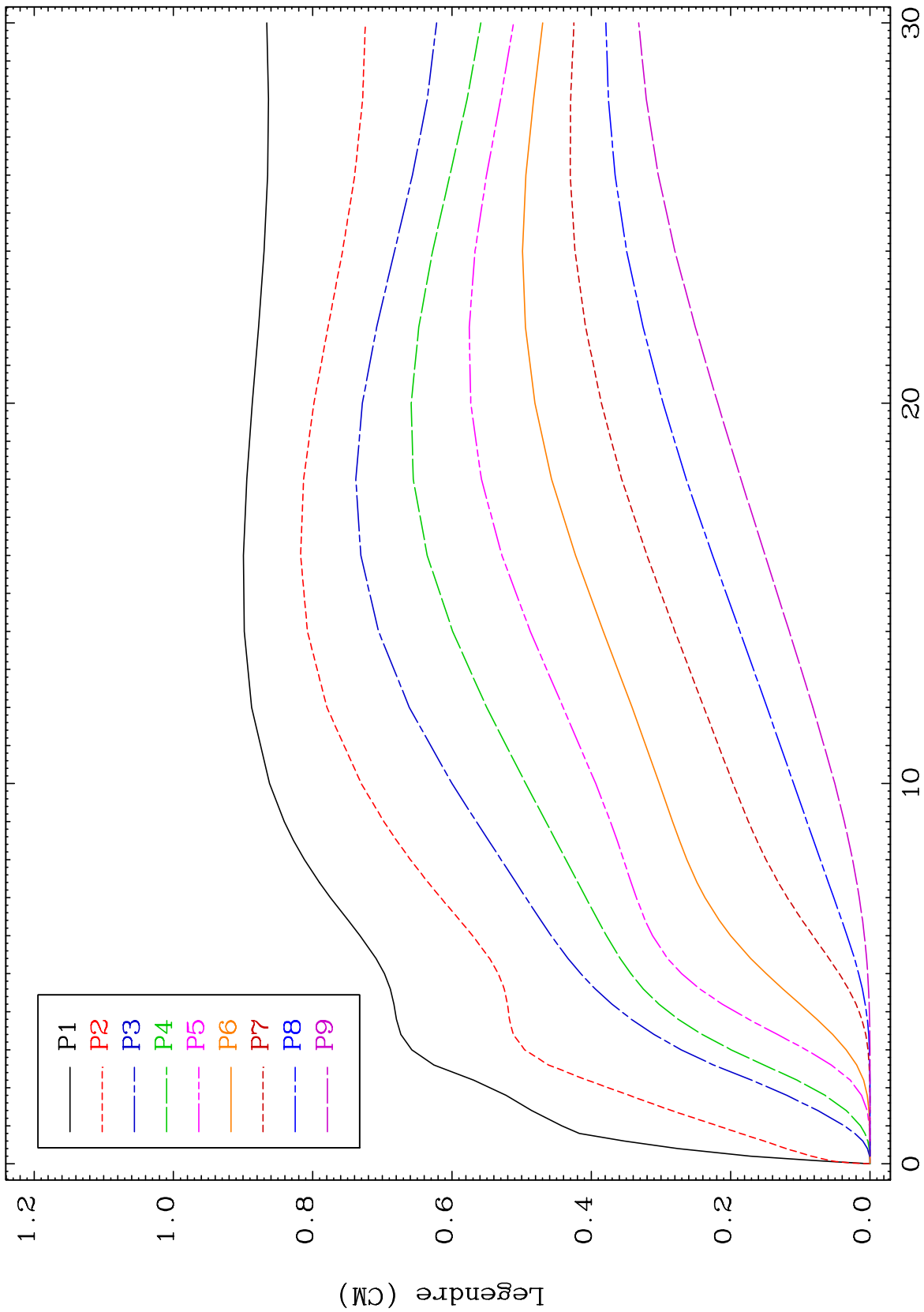
Incident Energy (MeV)

44-Ru-100

MAT 4437

Elastic Legendre Coefficients

44-Ru-100



17

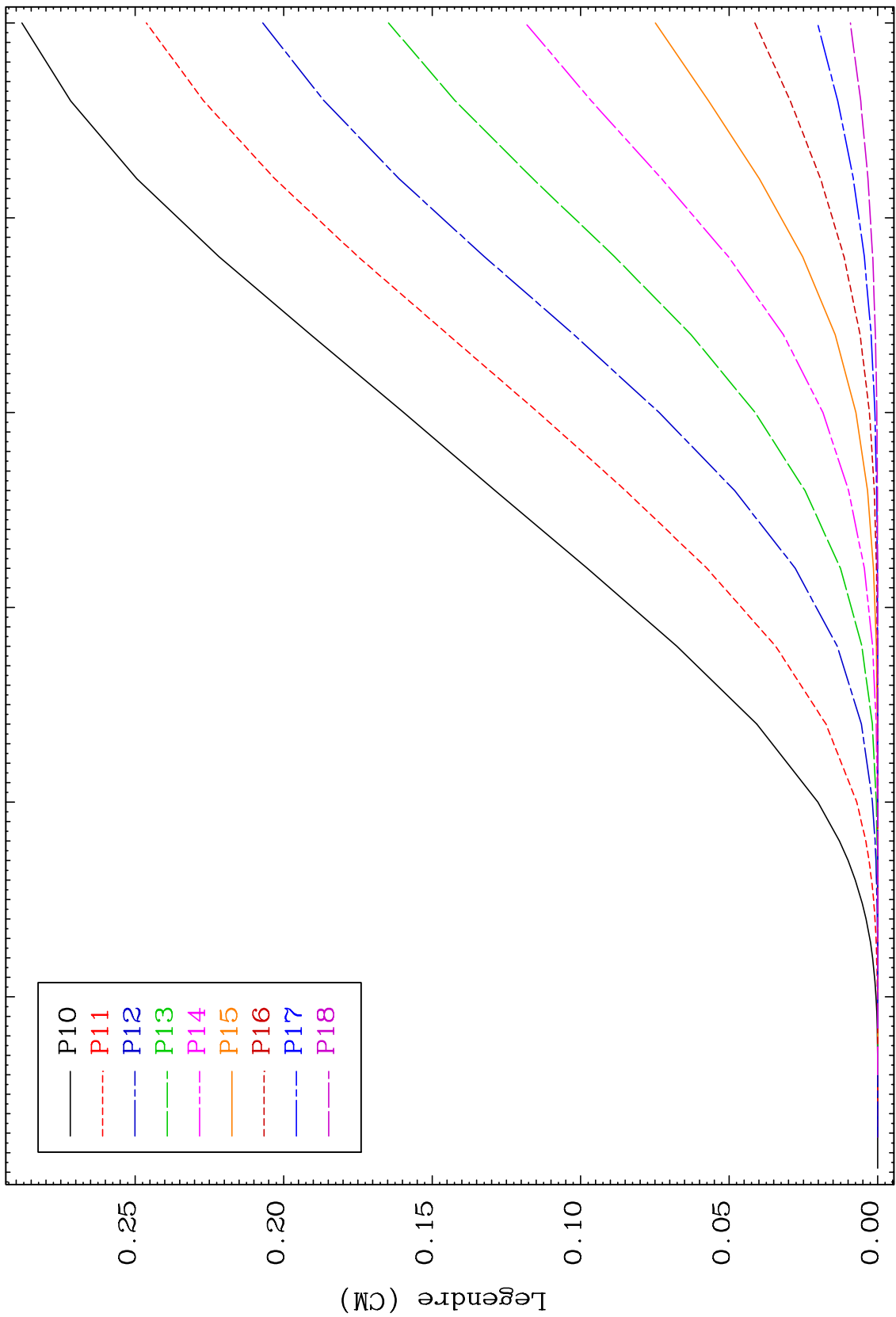
Incident Energy (MeV)

44-Ru-100

MAT 4437

Elastic Legendre Coefficients

44-Ru-100



18

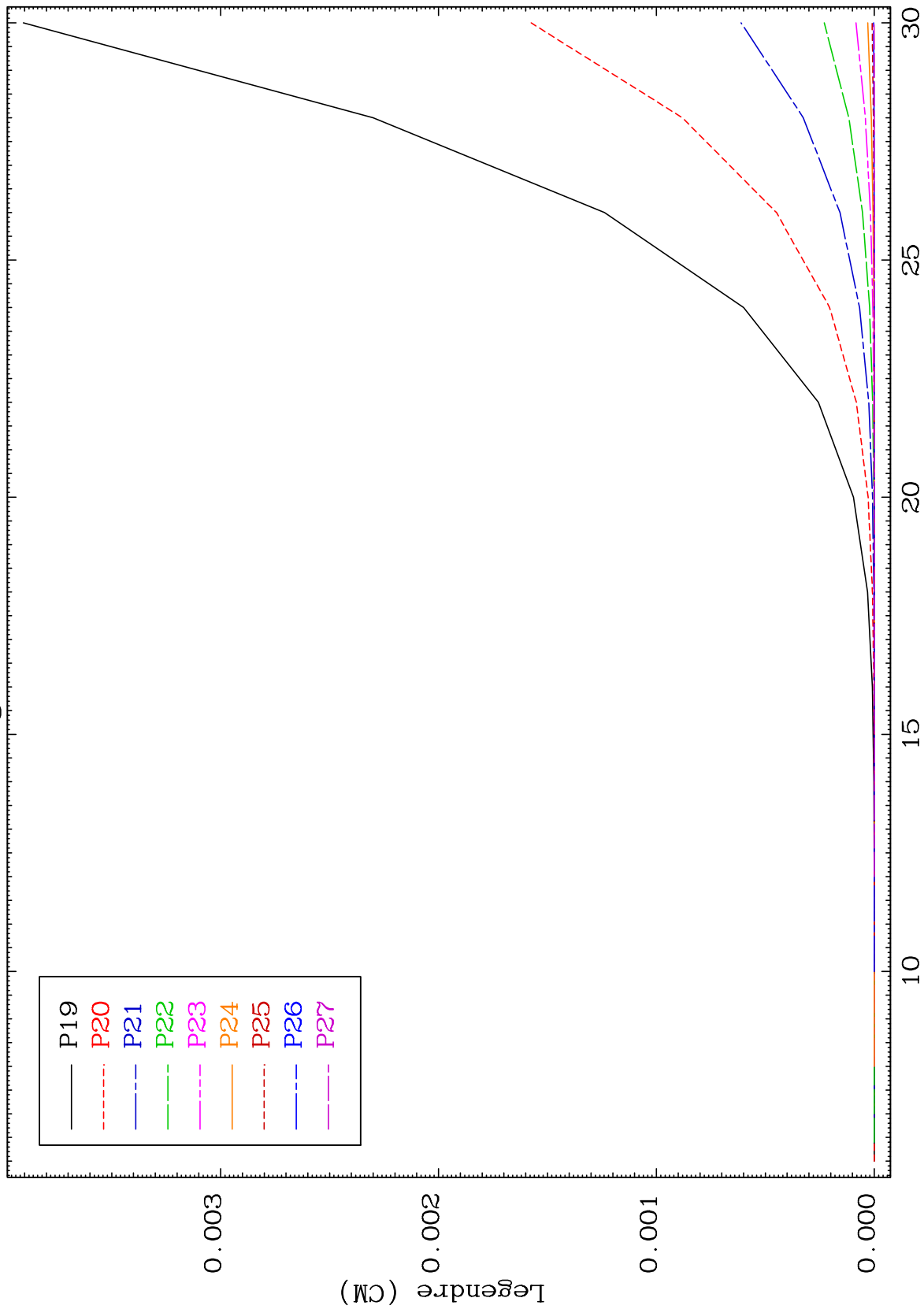
Incident Energy (MeV)

44-Ru-100

MAT 4437

Elastic  
Legendre Coefficients

44-Ru-100



19

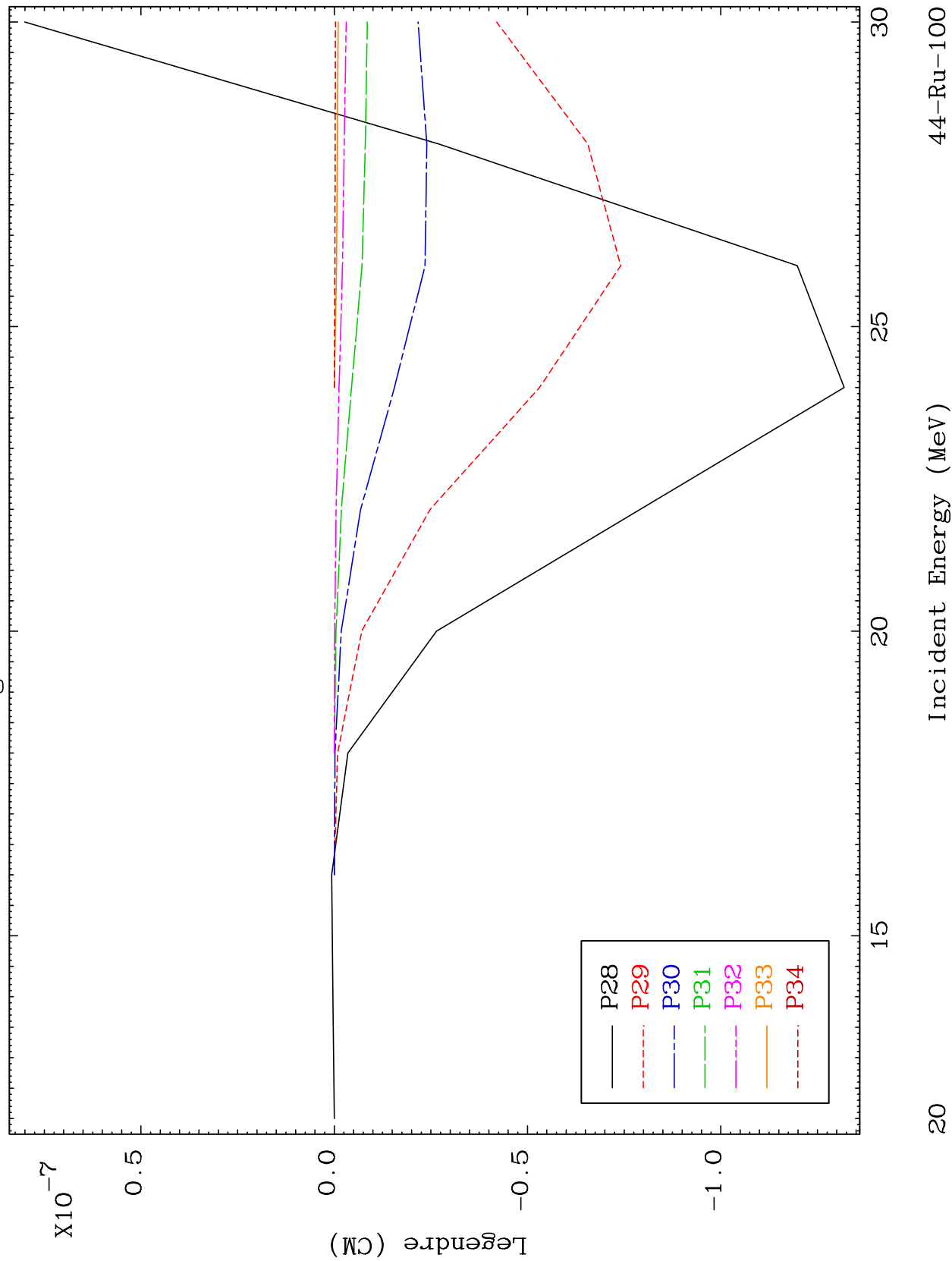
Incident Energy (MeV)

44-Ru-100

MAT 4437

Elastic Legendre Coefficients

44-Ru-100



20

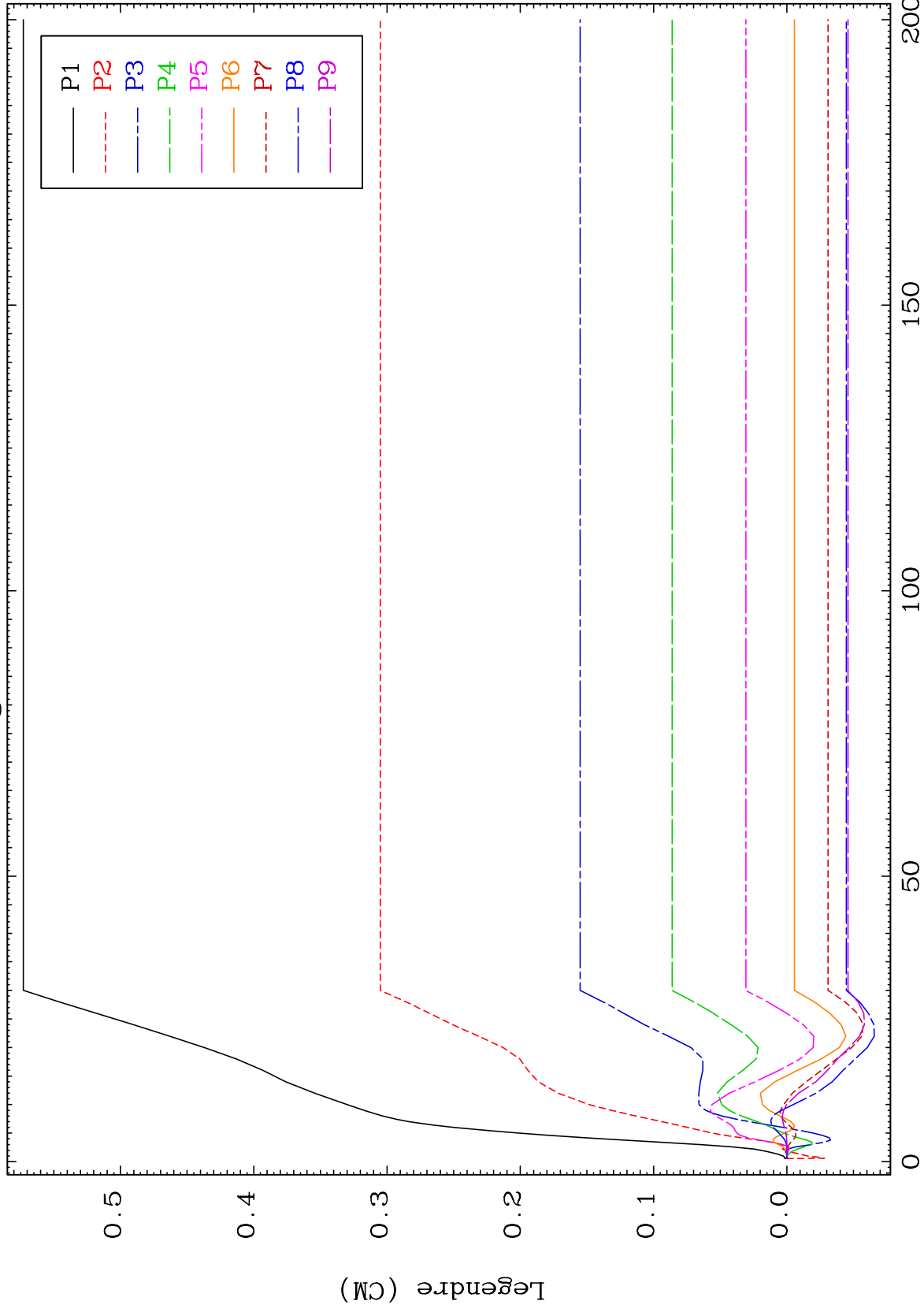
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



21

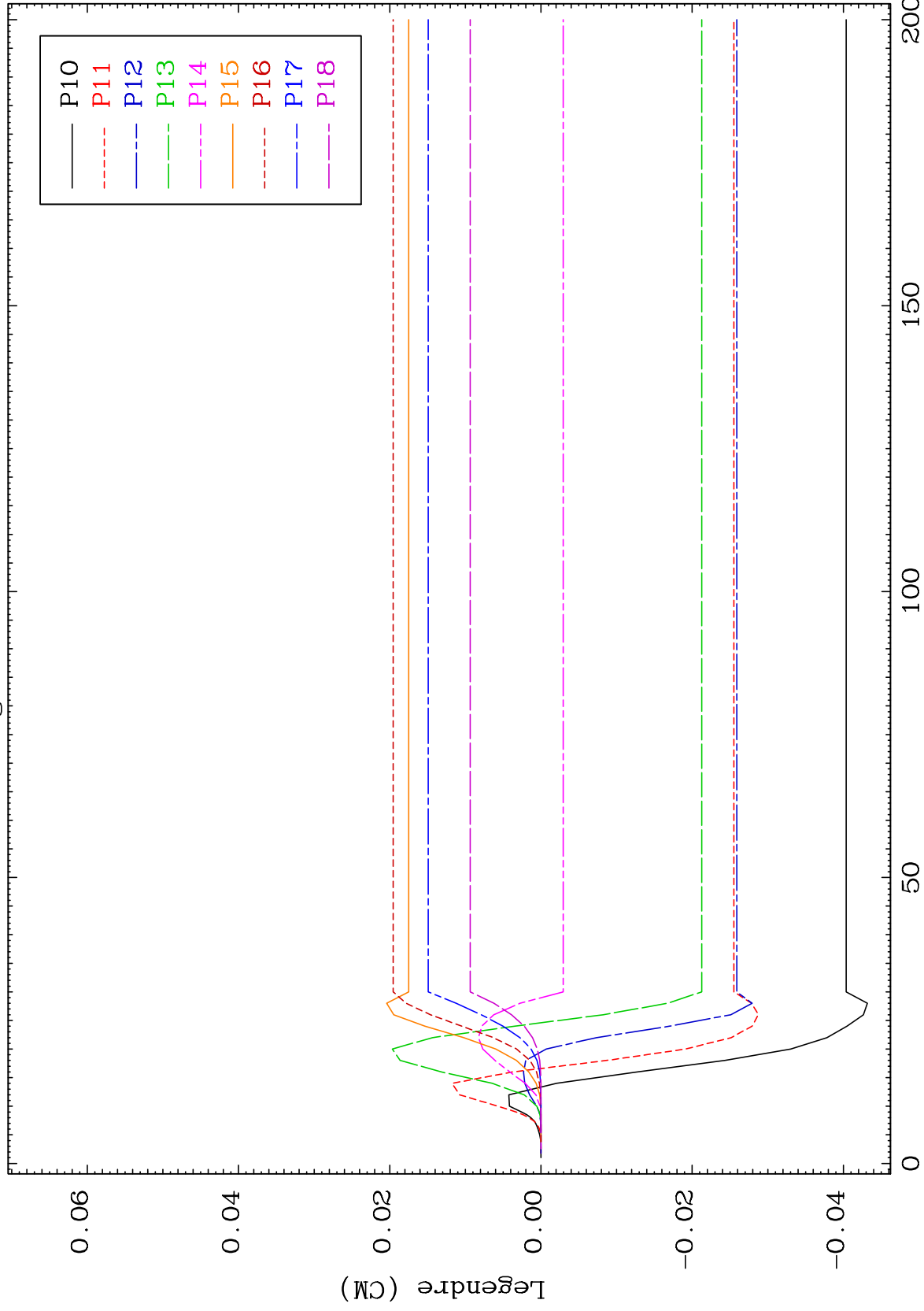
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



22

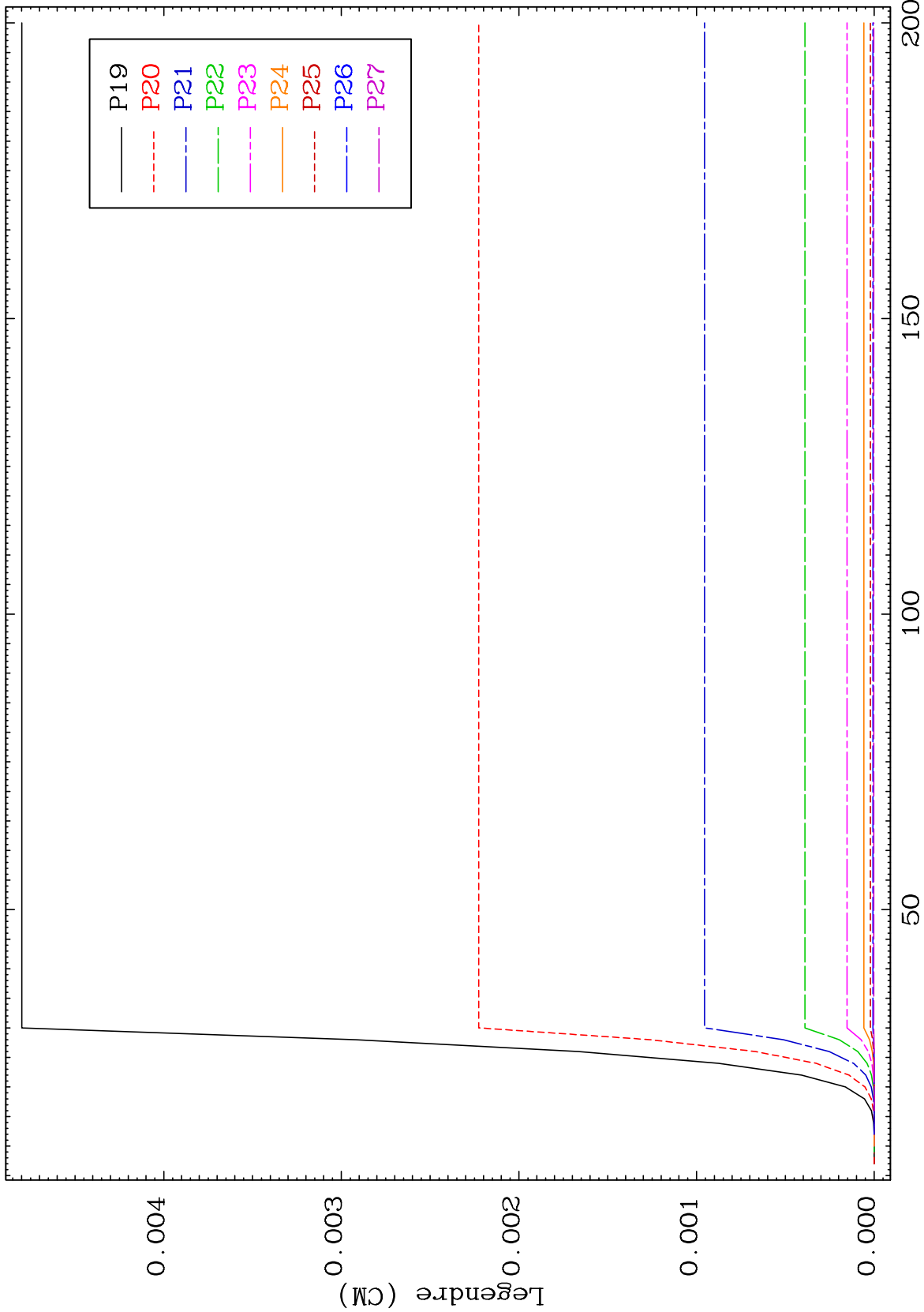
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



23

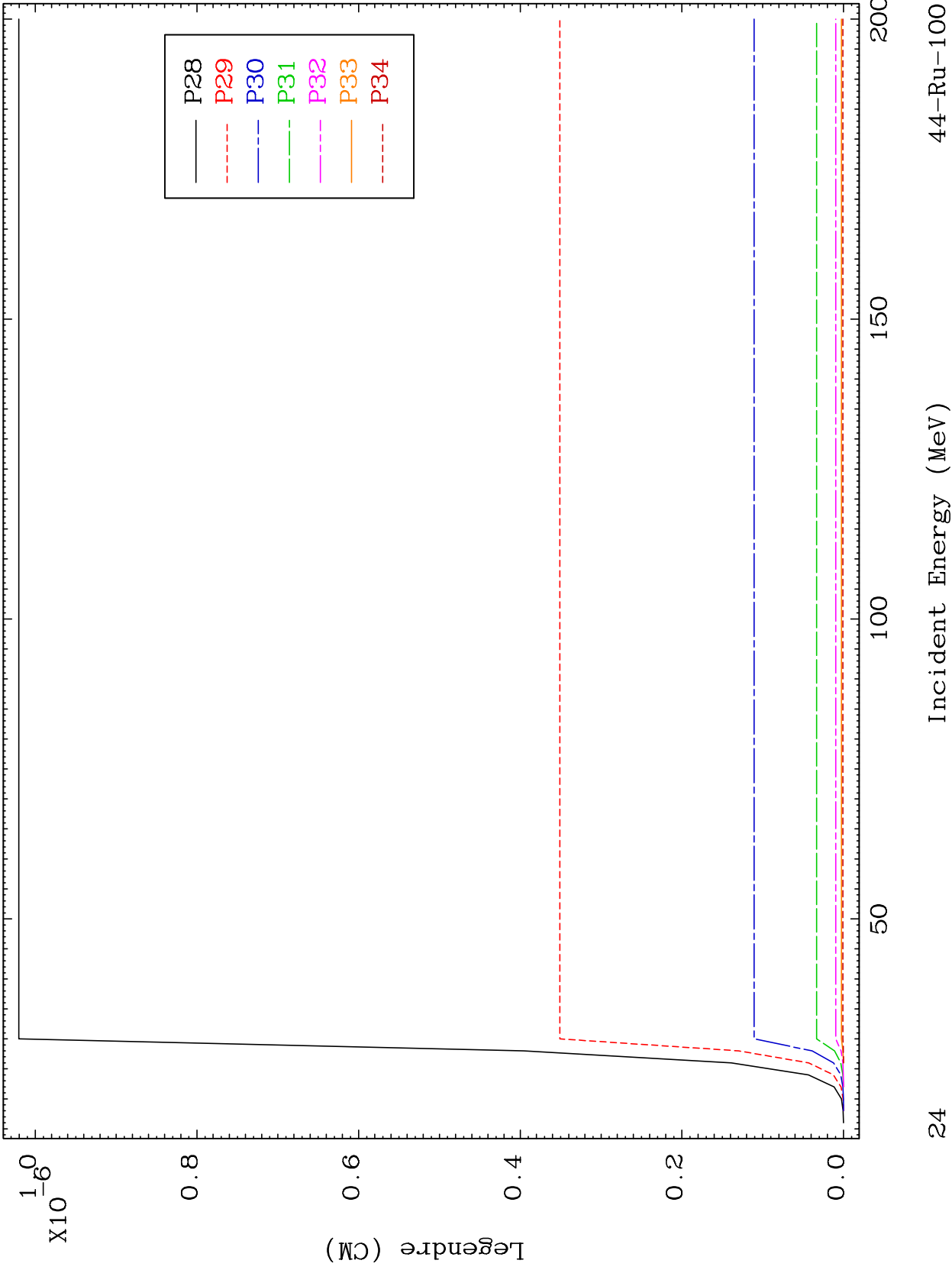
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



24

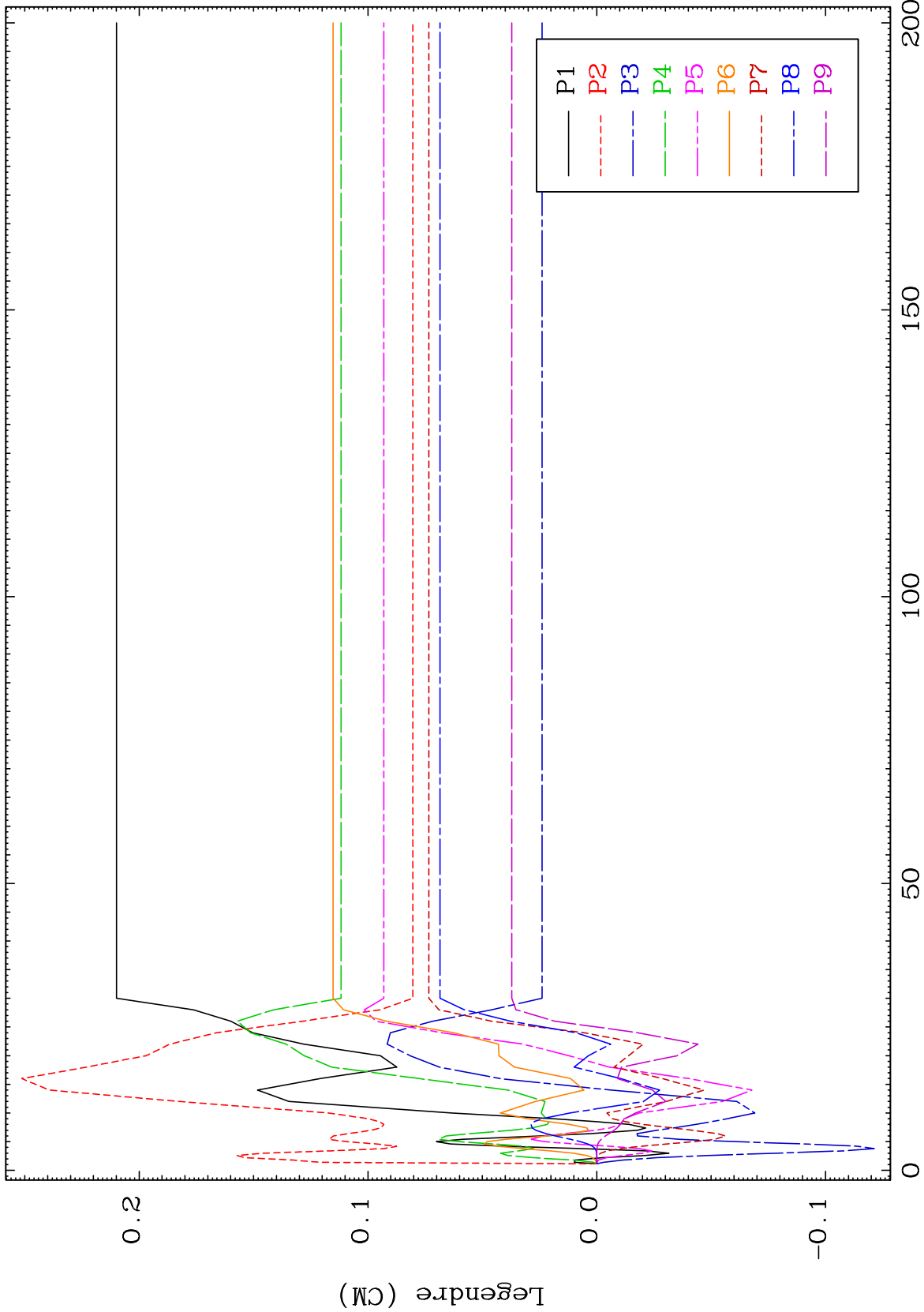
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



44-Ru-100

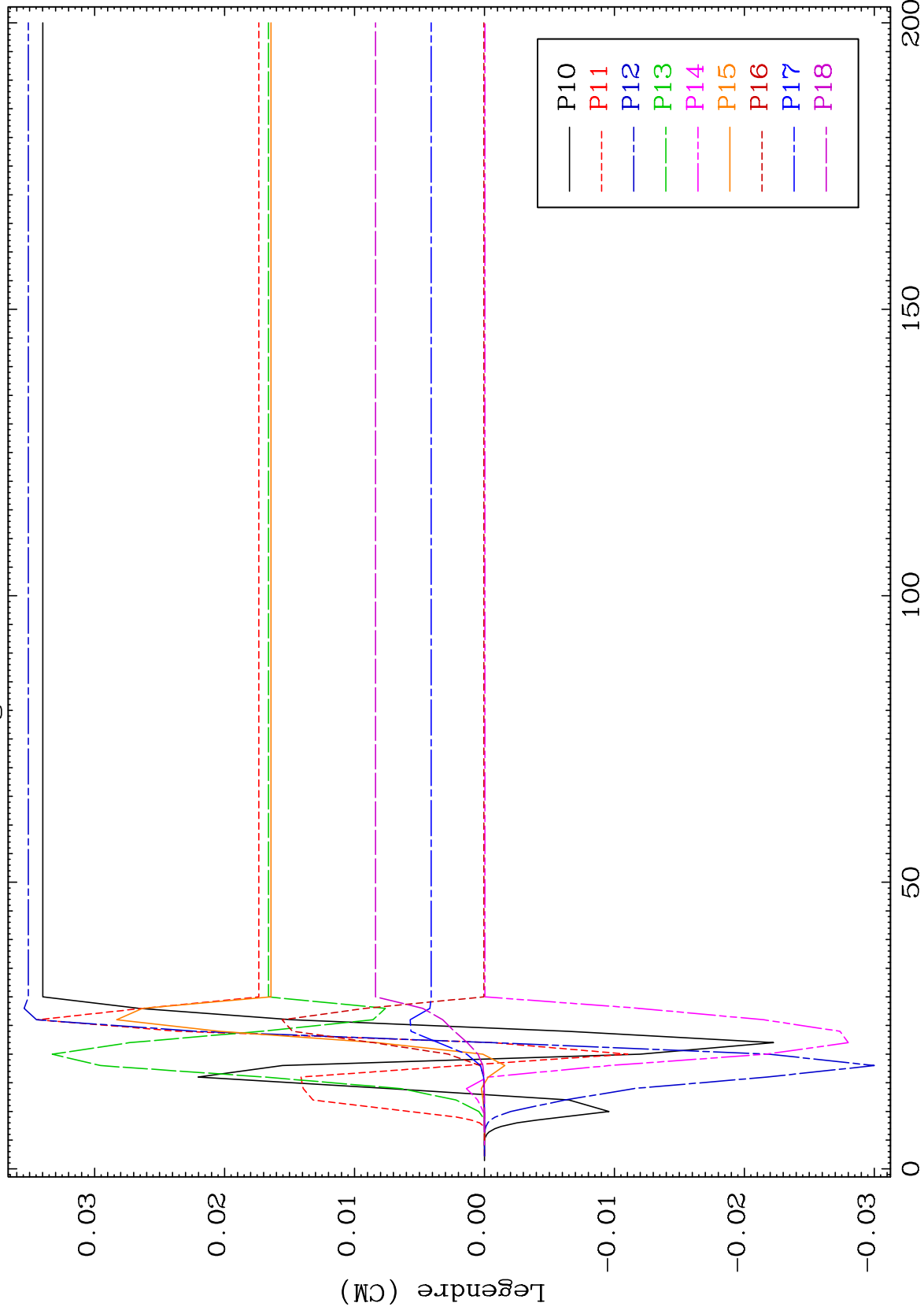
Incident Energy (MeV)

25

MAT 4437

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

44-Ru-100



26

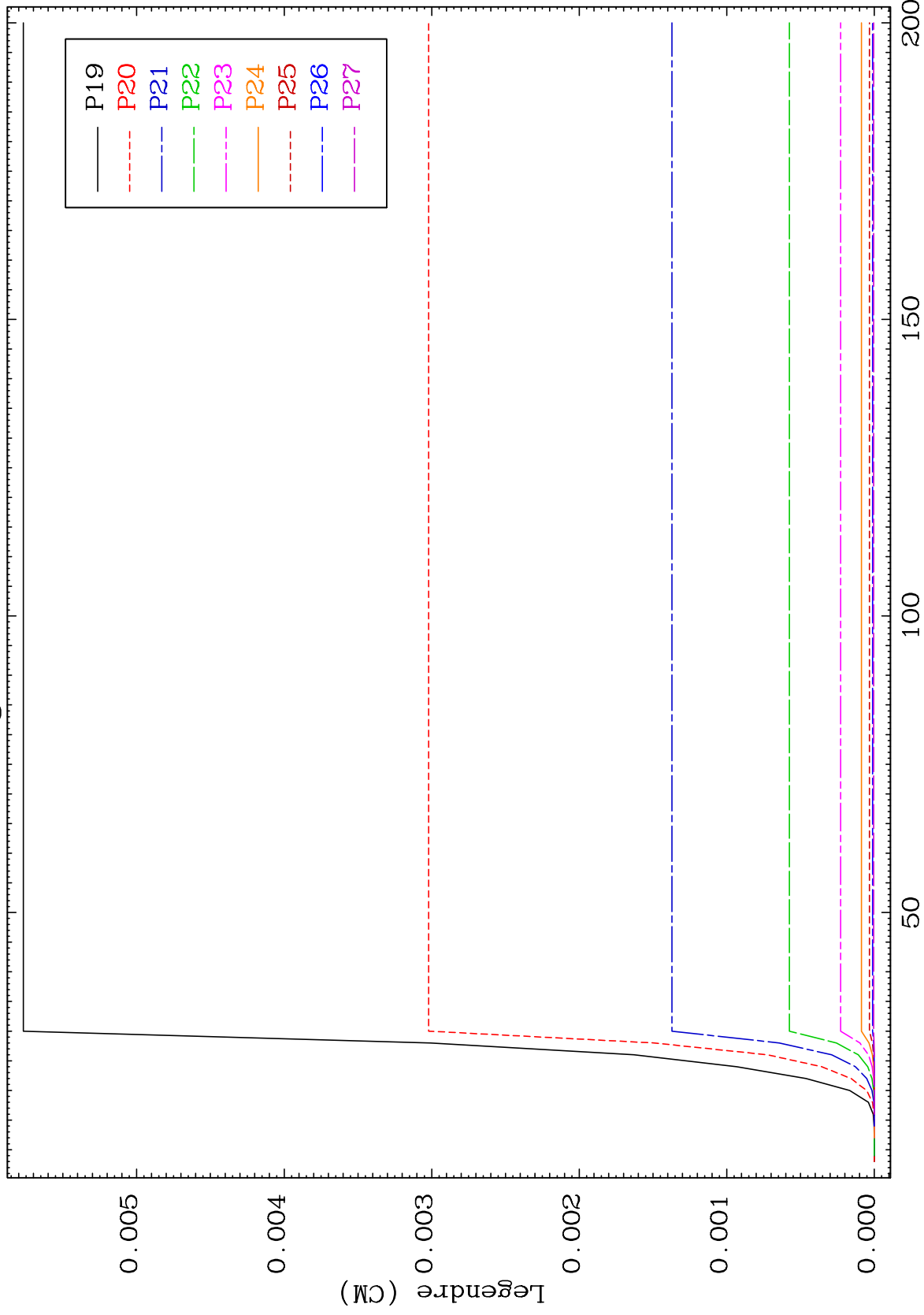
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



27

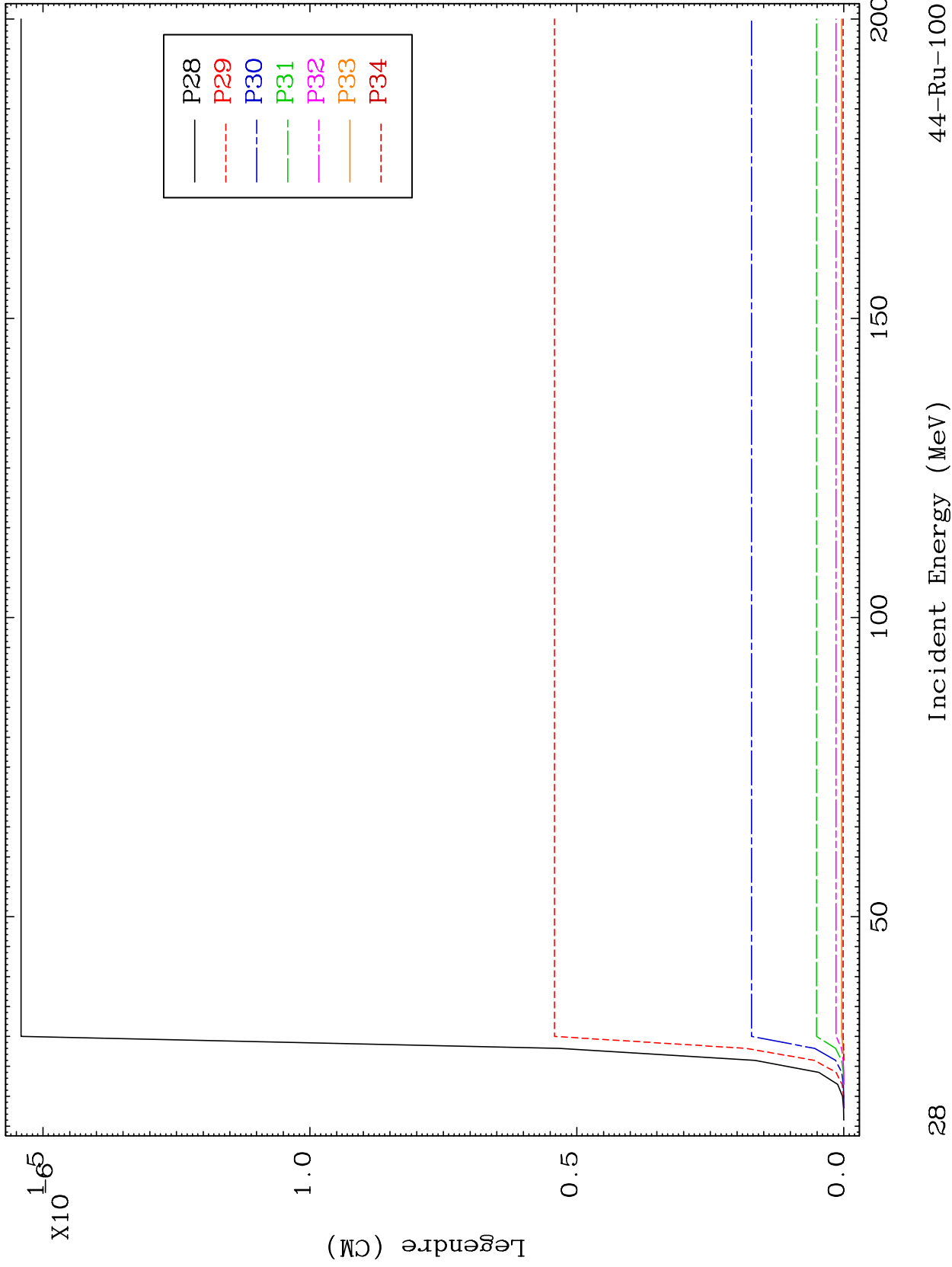
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



28

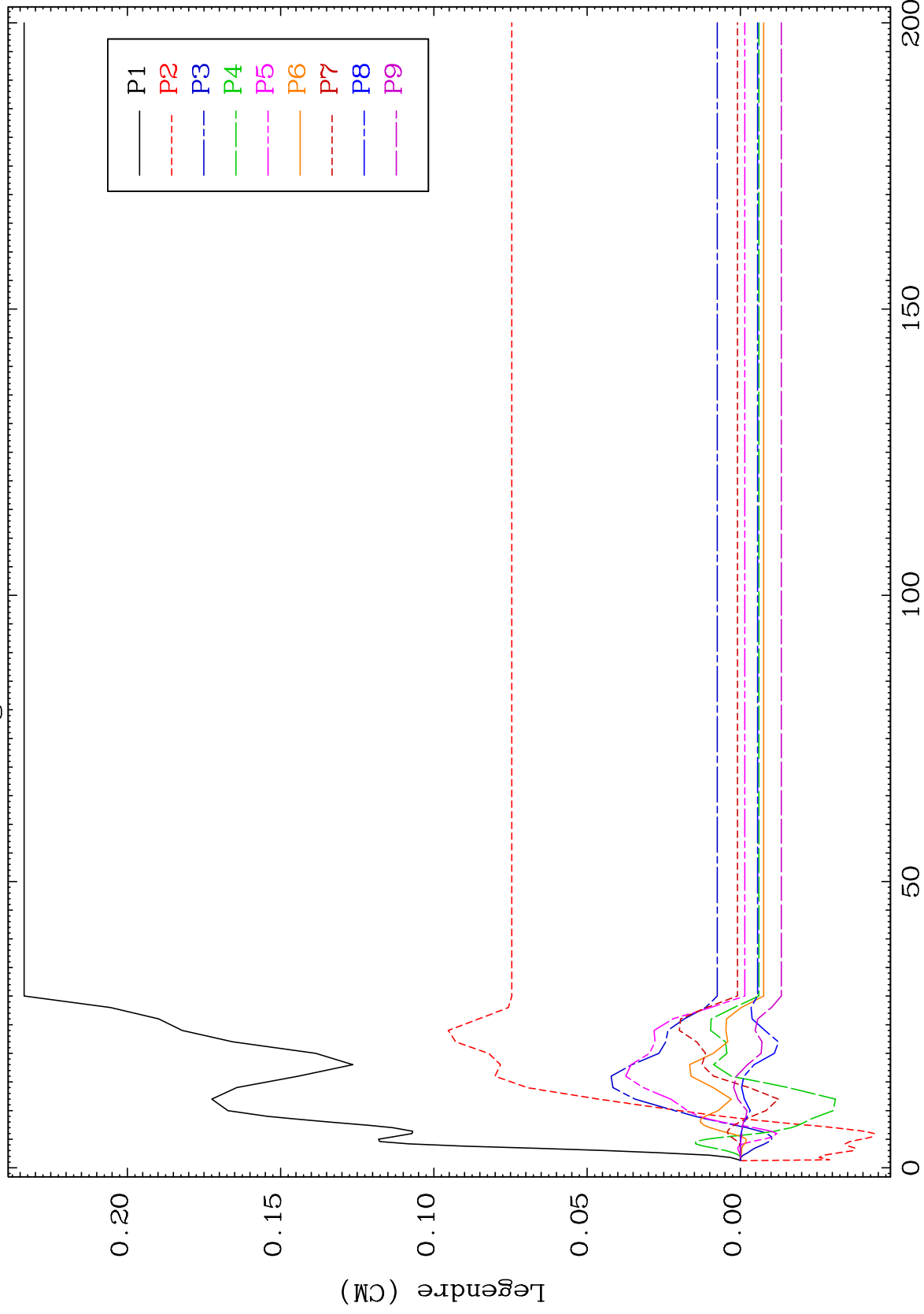
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



29

Incident Energy (MeV)

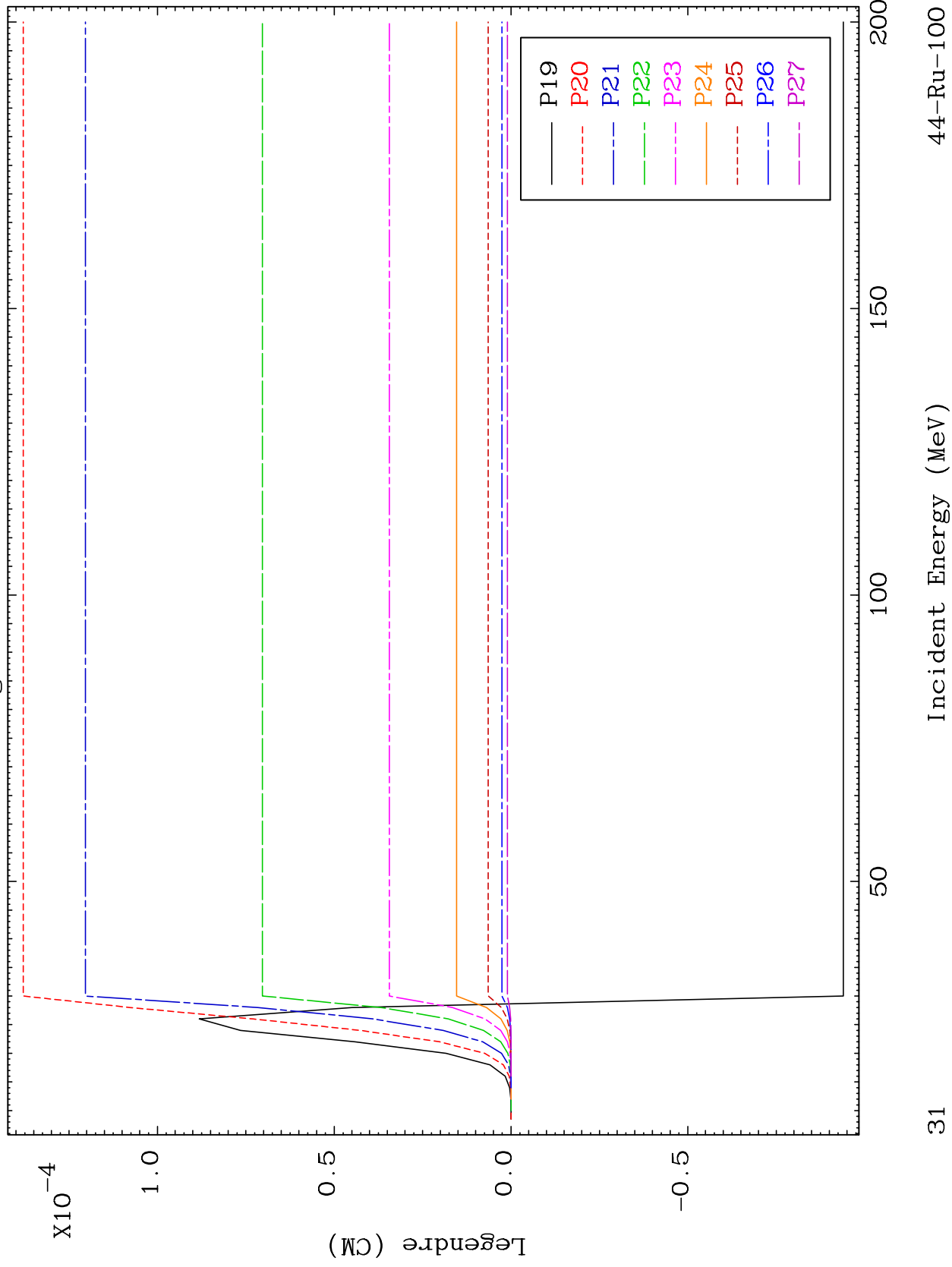
44-Ru-100



MAT 4437

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

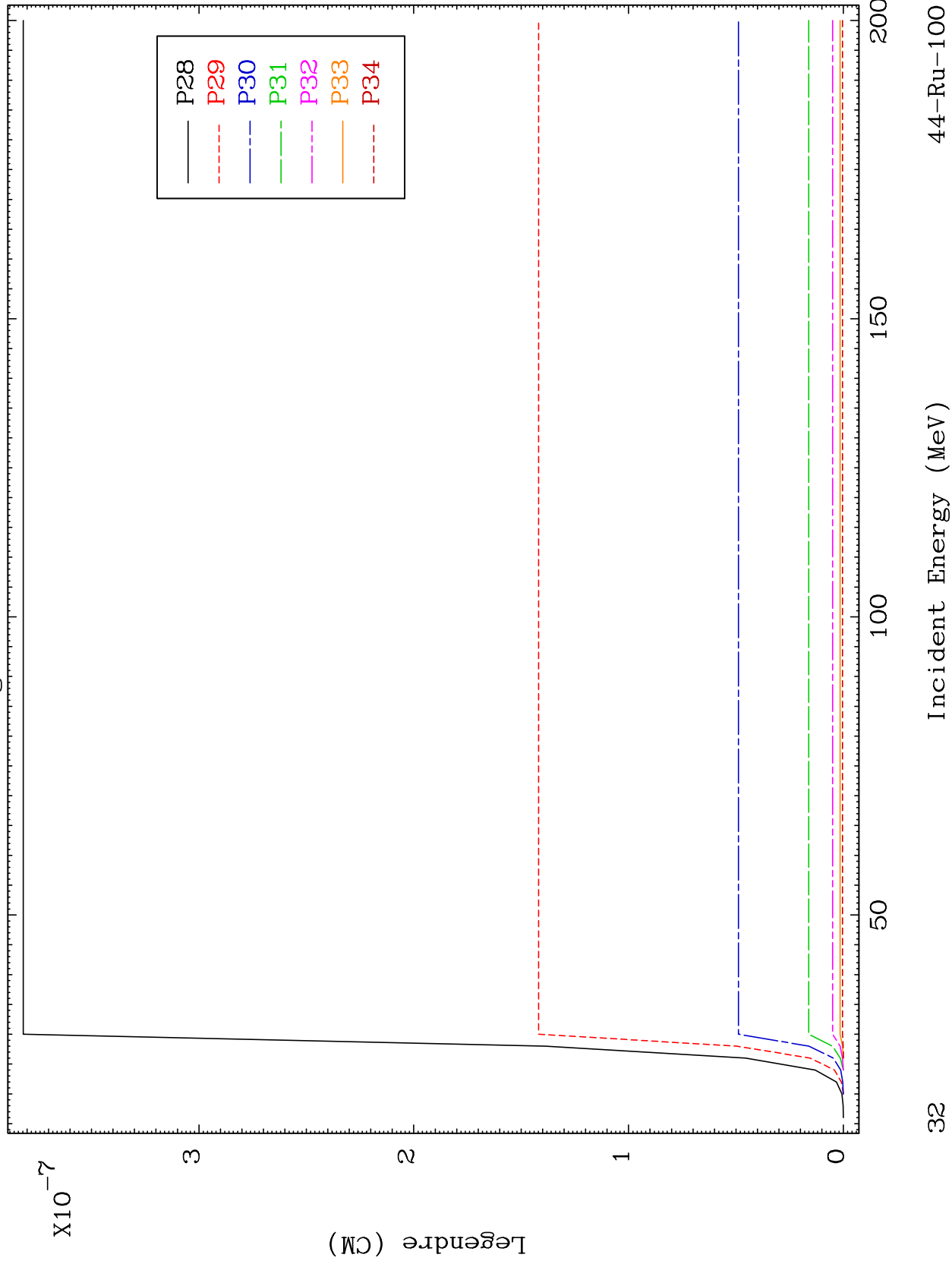
44-Ru-100



MAT 4437

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

44-Ru-100

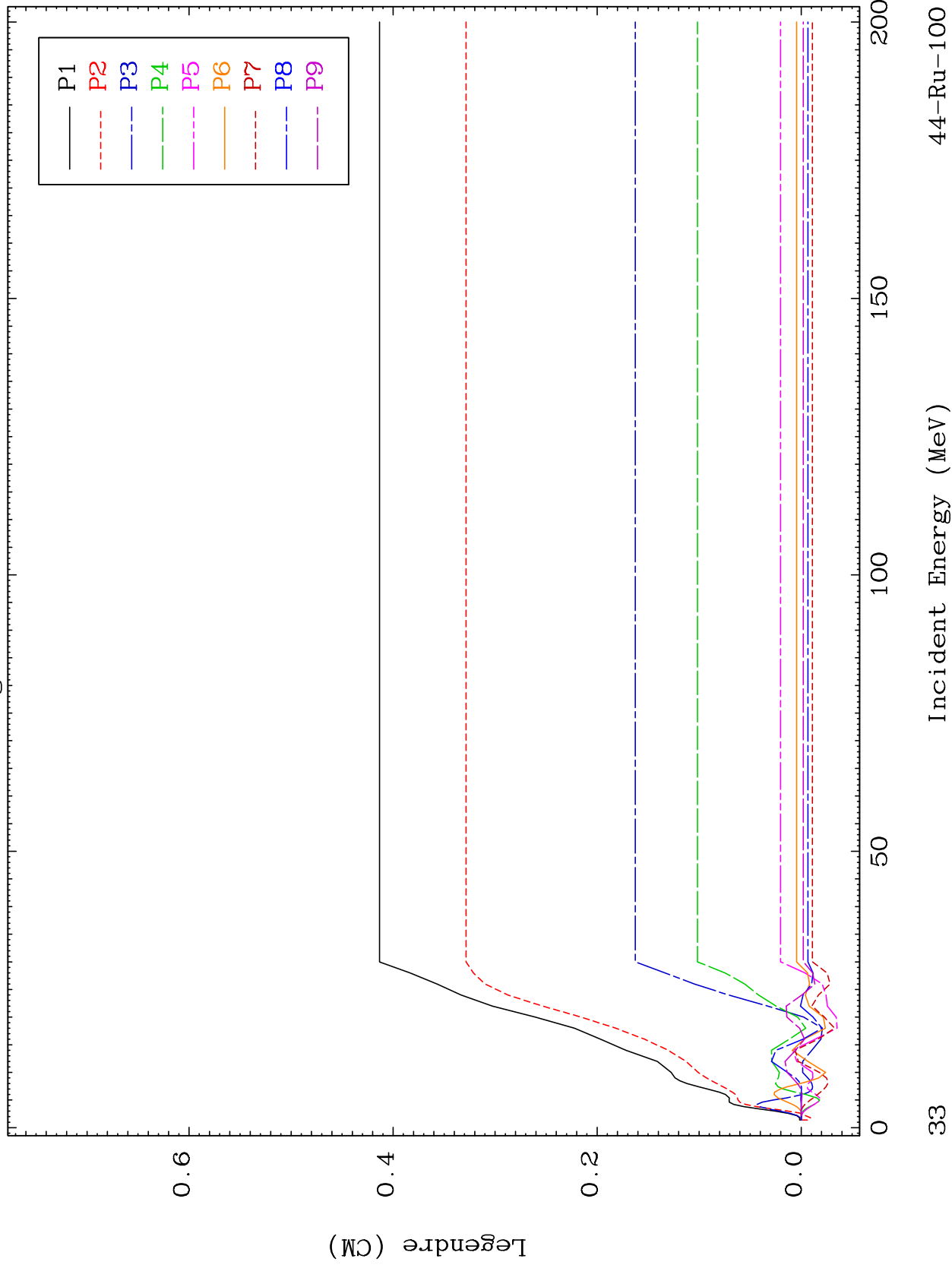


32

MAT 4437

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

44-Ru-100

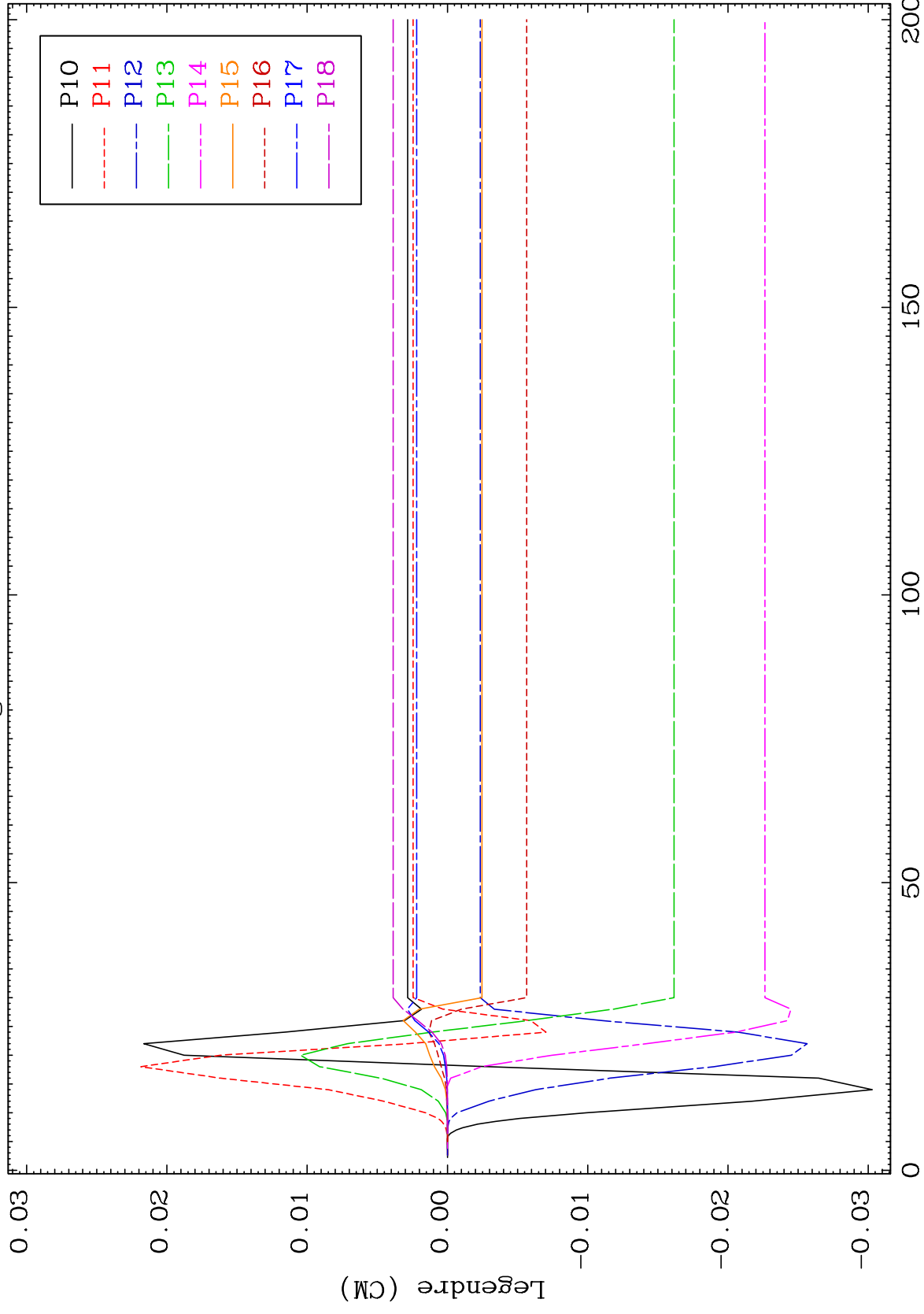


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MAT 4437

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

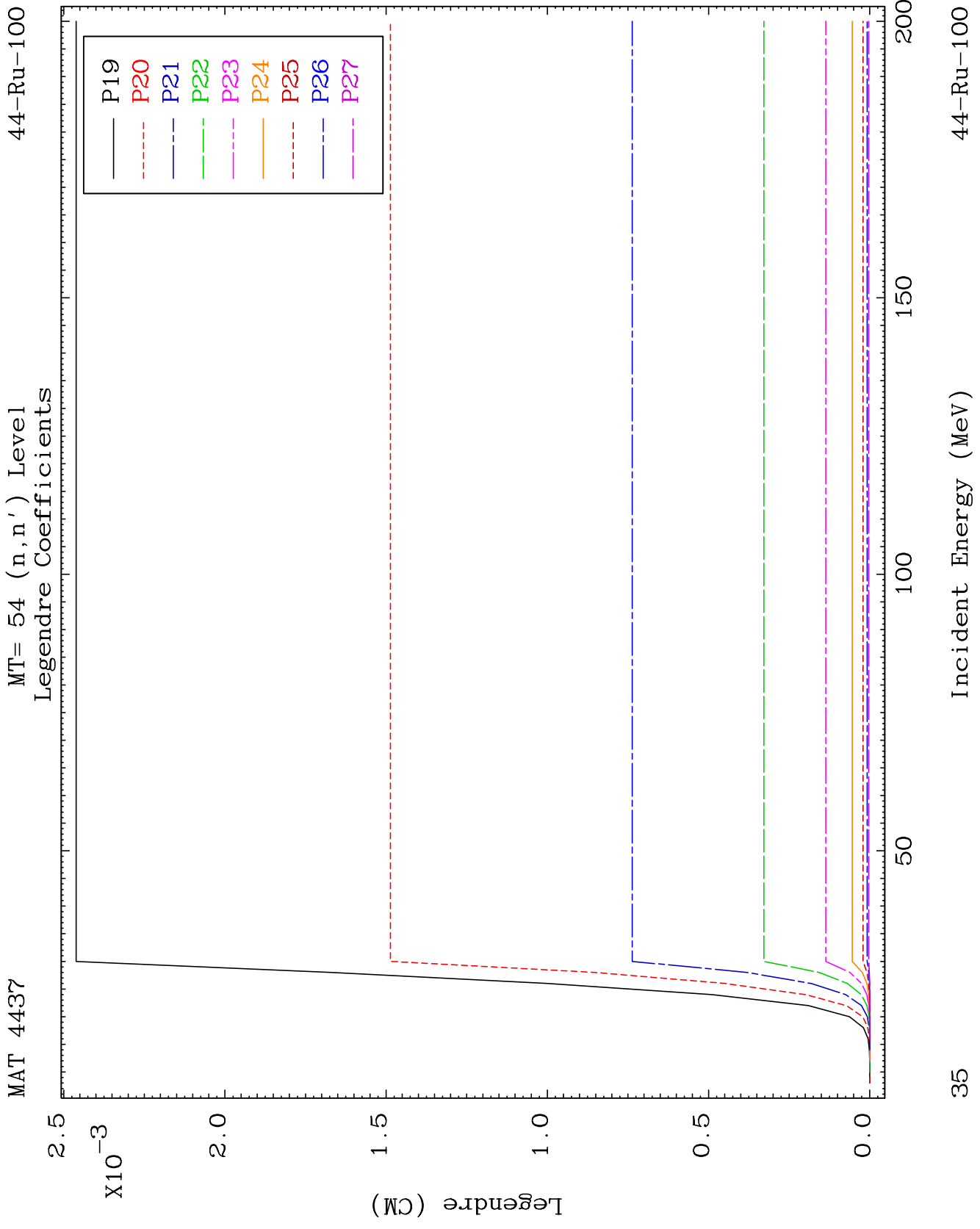
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34

Incident Energy (MeV)

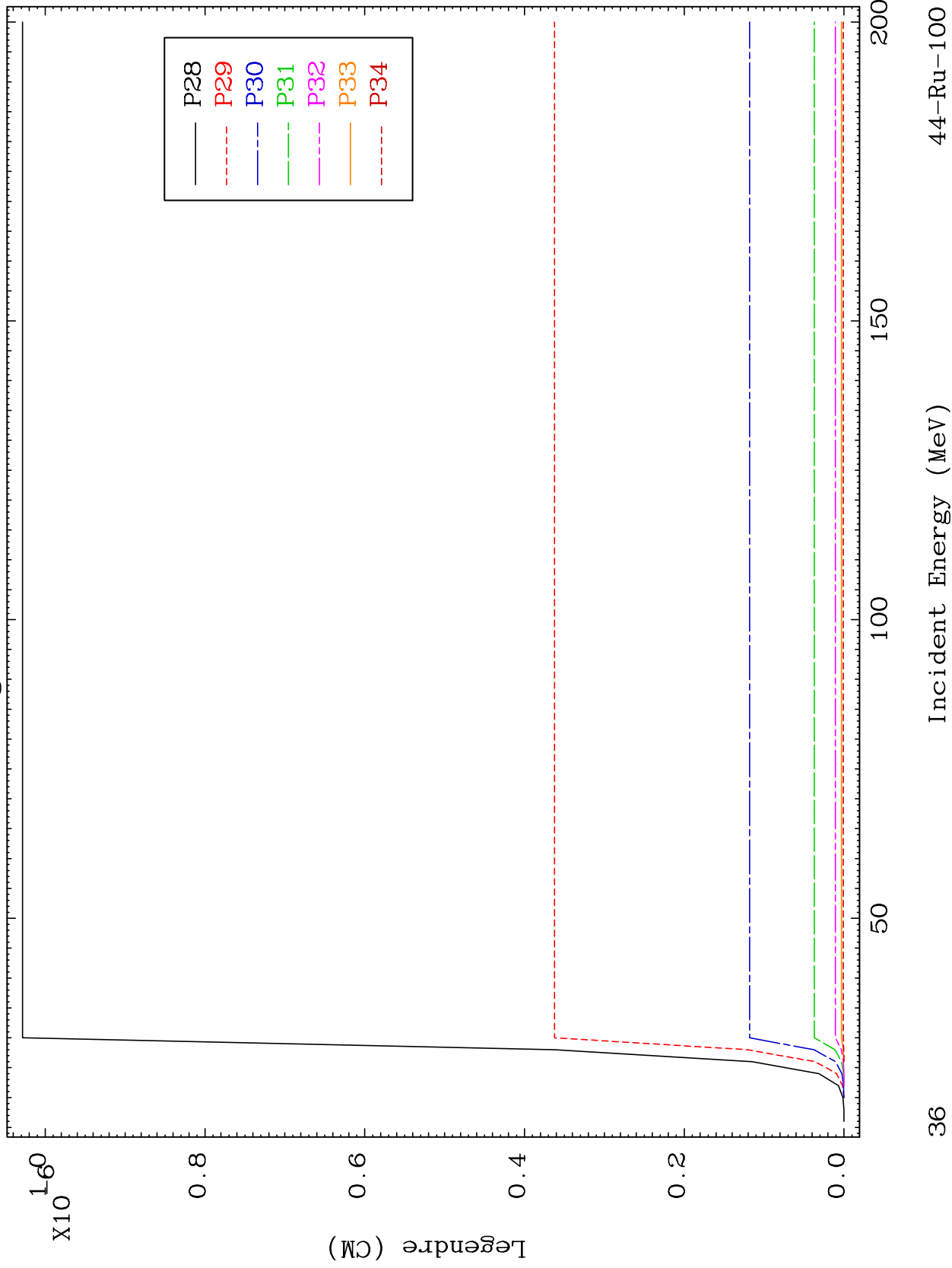
44-Ru-100



MAT 4437

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

44-Ru-100



36

44-Ru-100

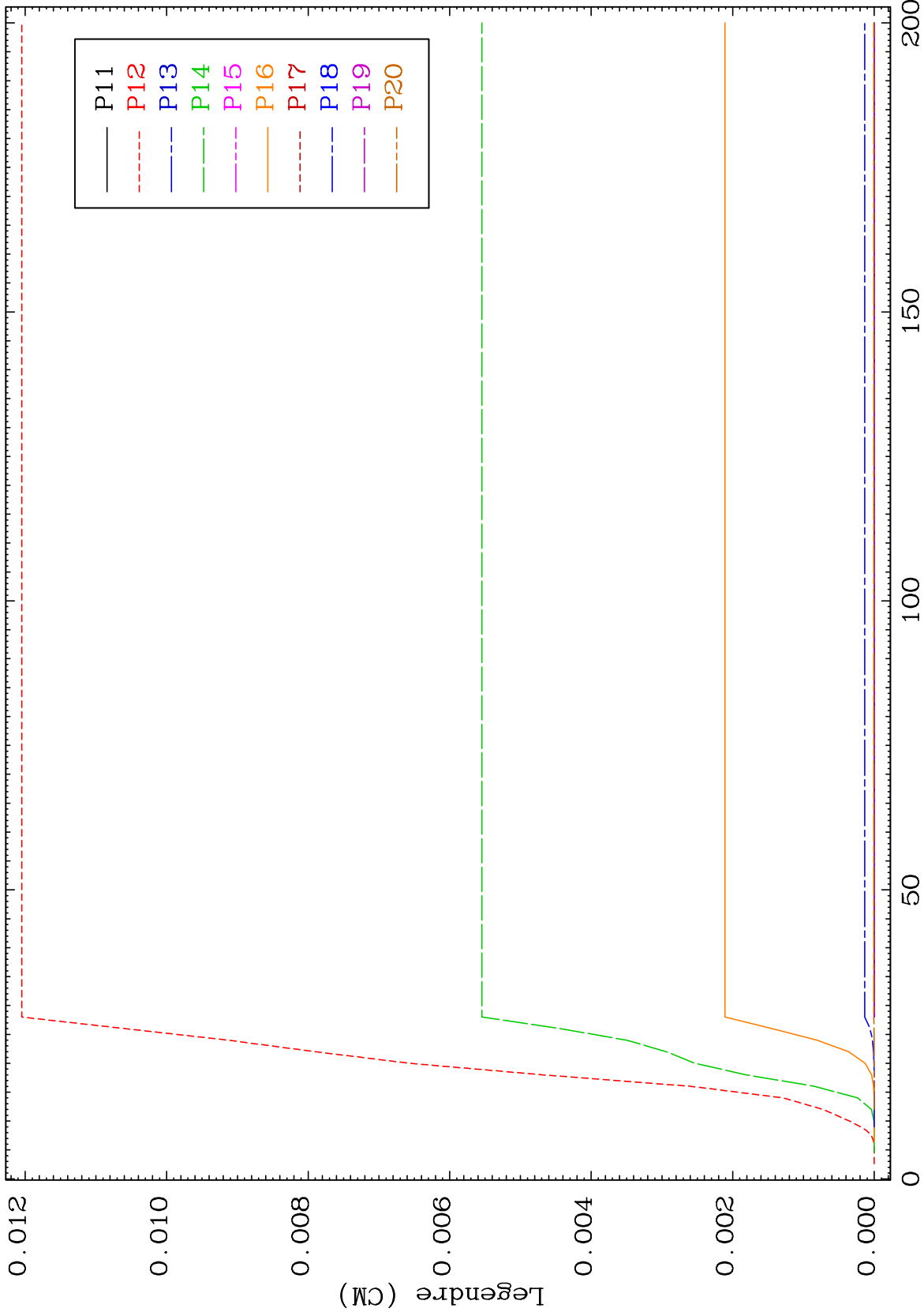


MAT 4437

MT= 55 (n,n') Level

44-Ru-100

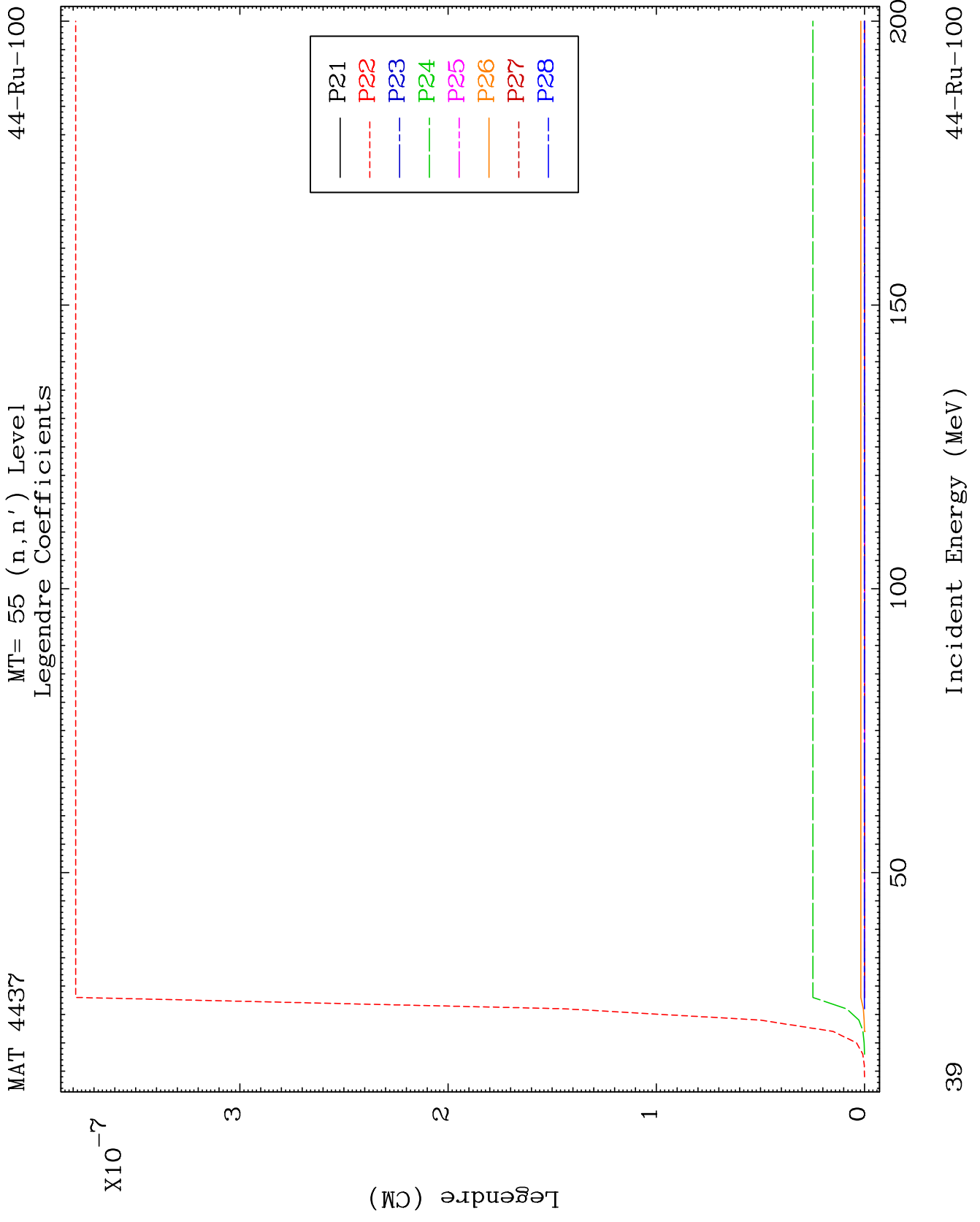
Legendre Coefficients

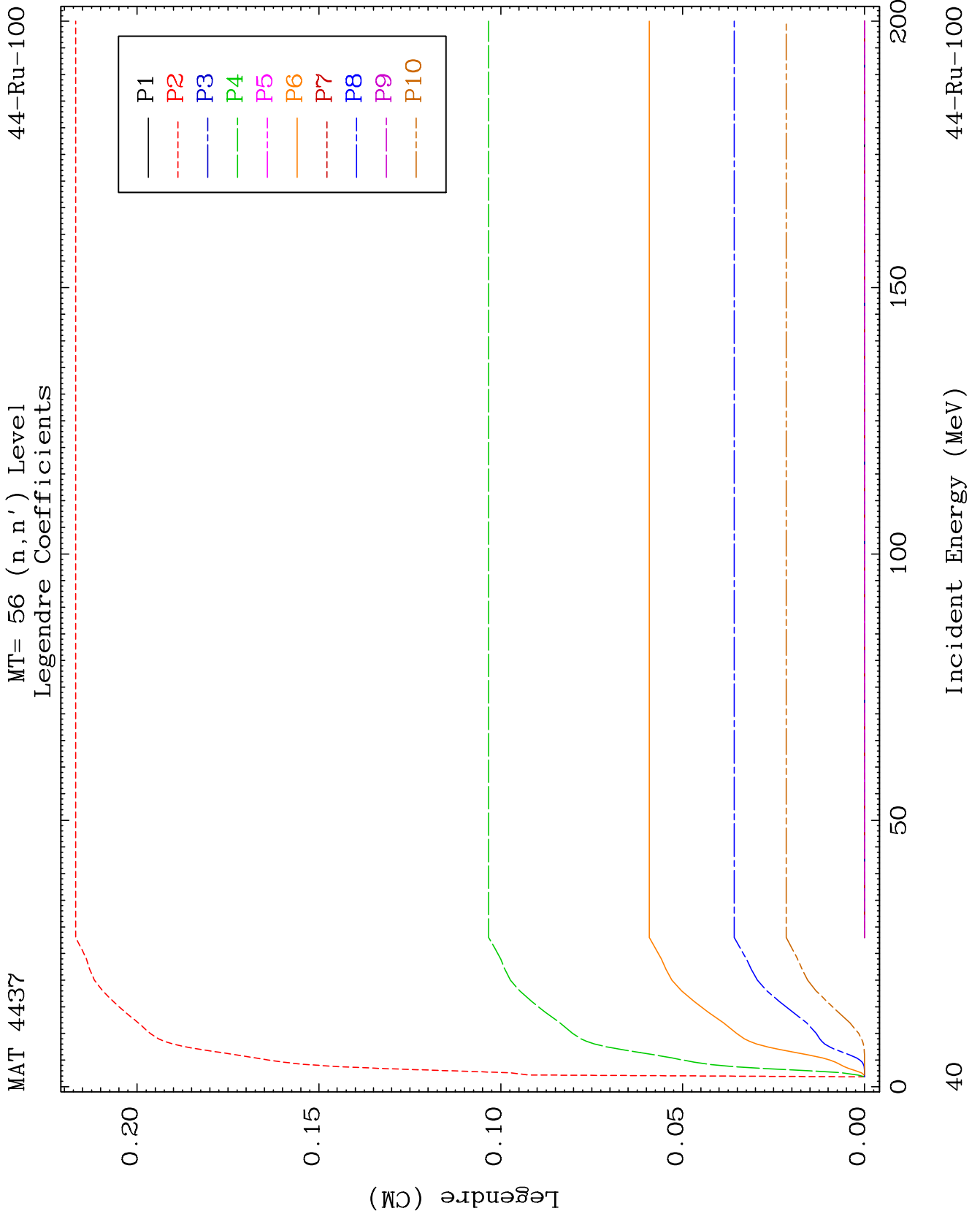


38

Incident Energy (MeV)

44-Ru-100

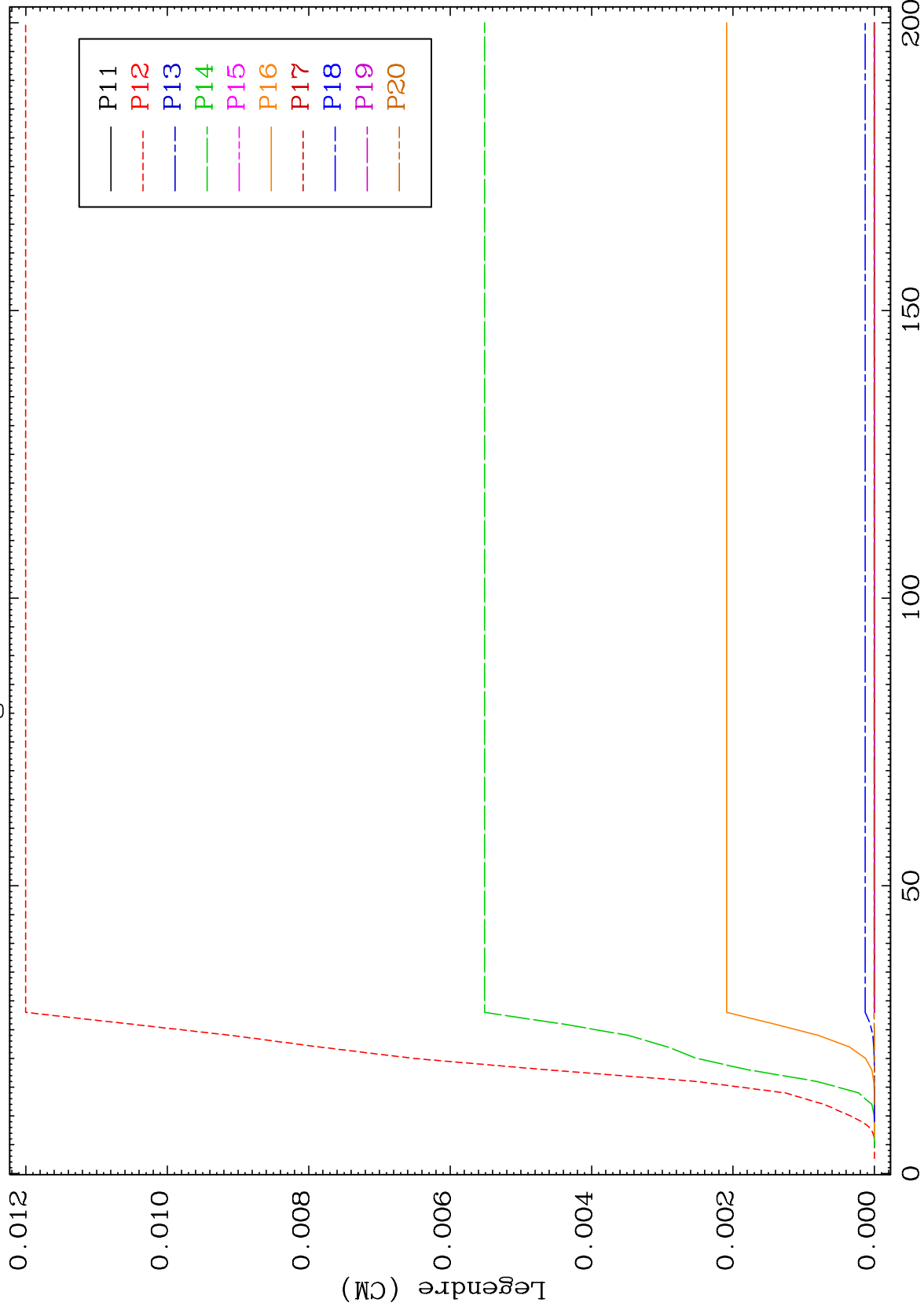




MAT 4437

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

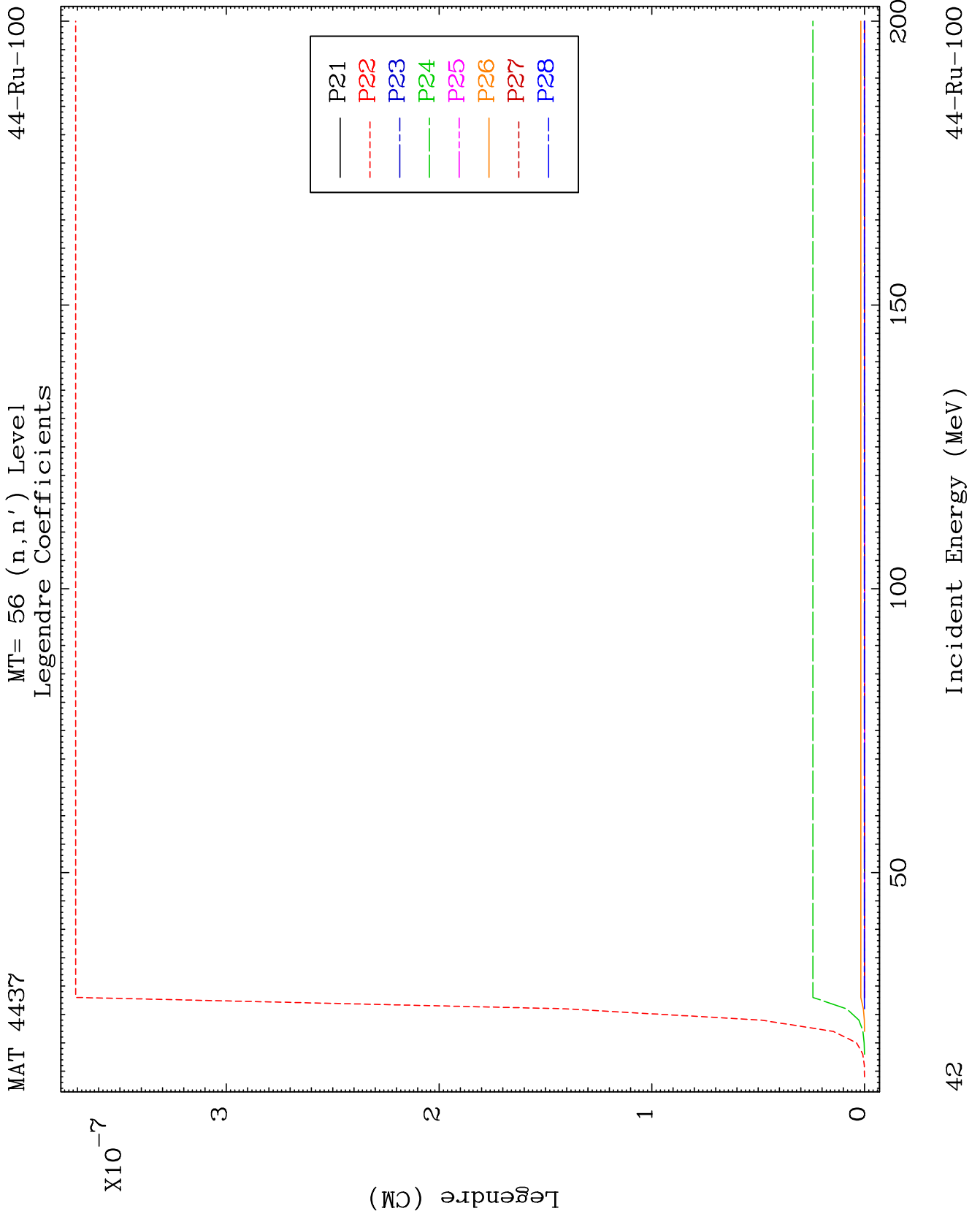
44-Ru-100



41

Incident Energy (MeV)

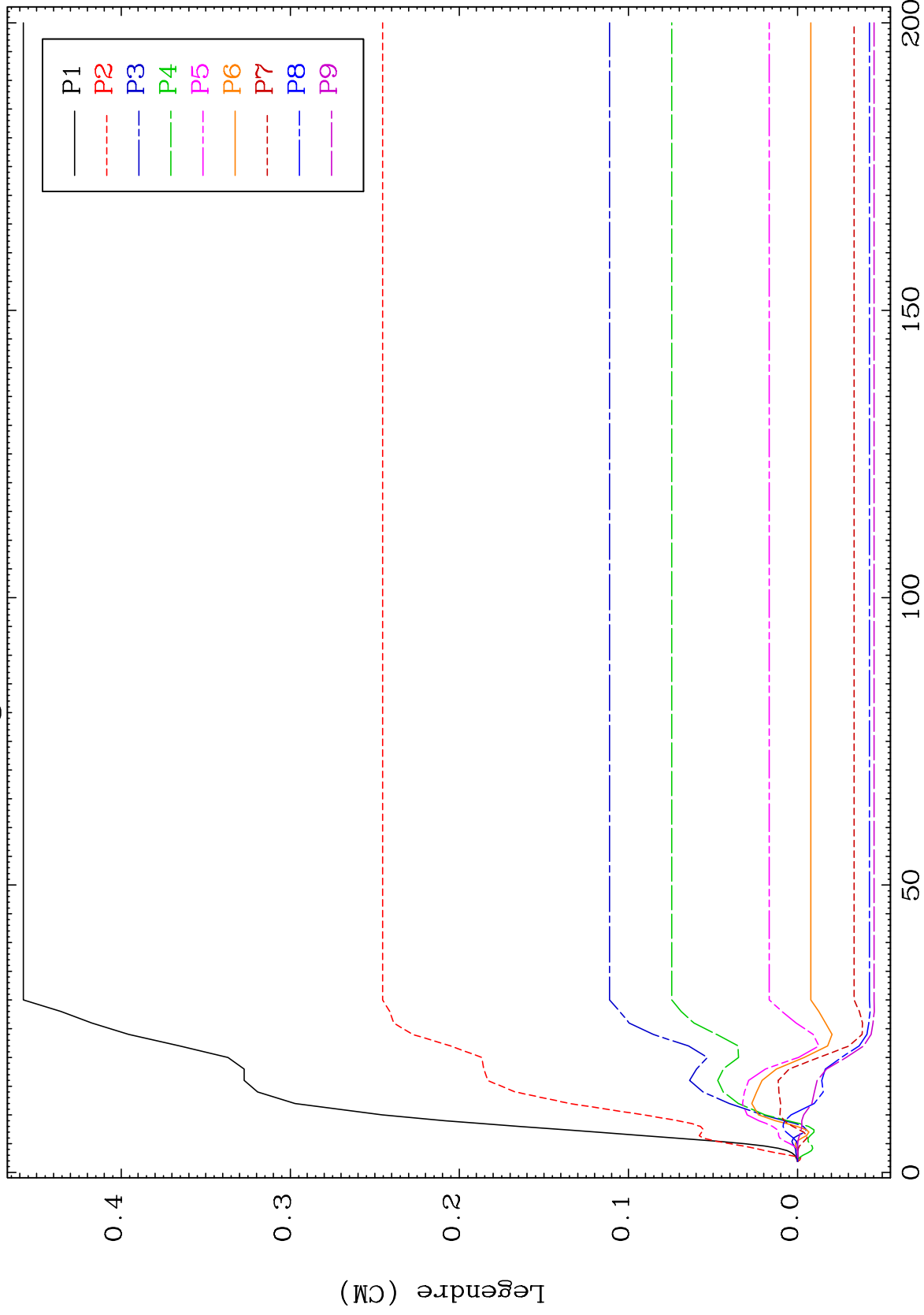
44-Ru-100



MAT 4437

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

44-Ru-100



43

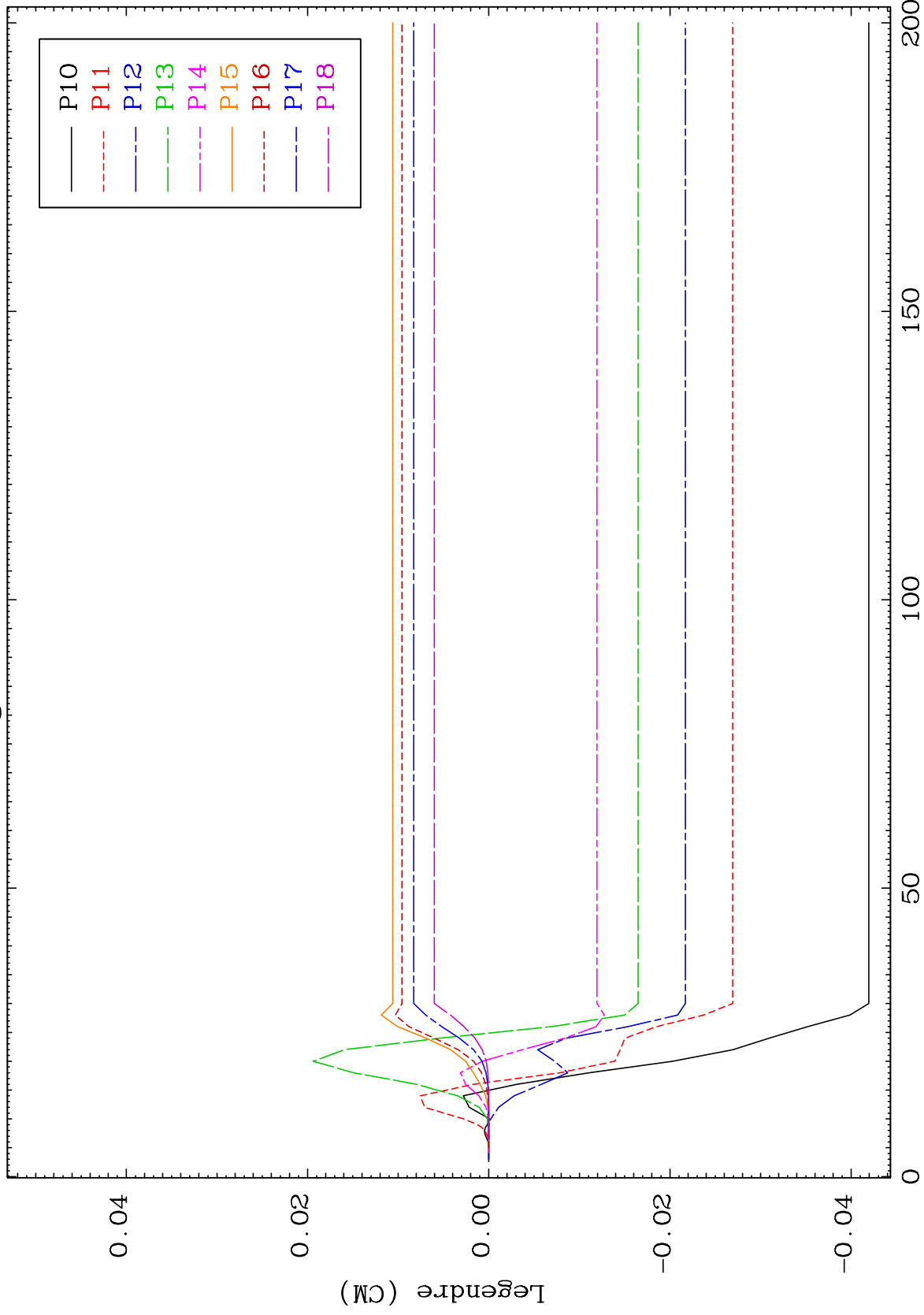
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



44

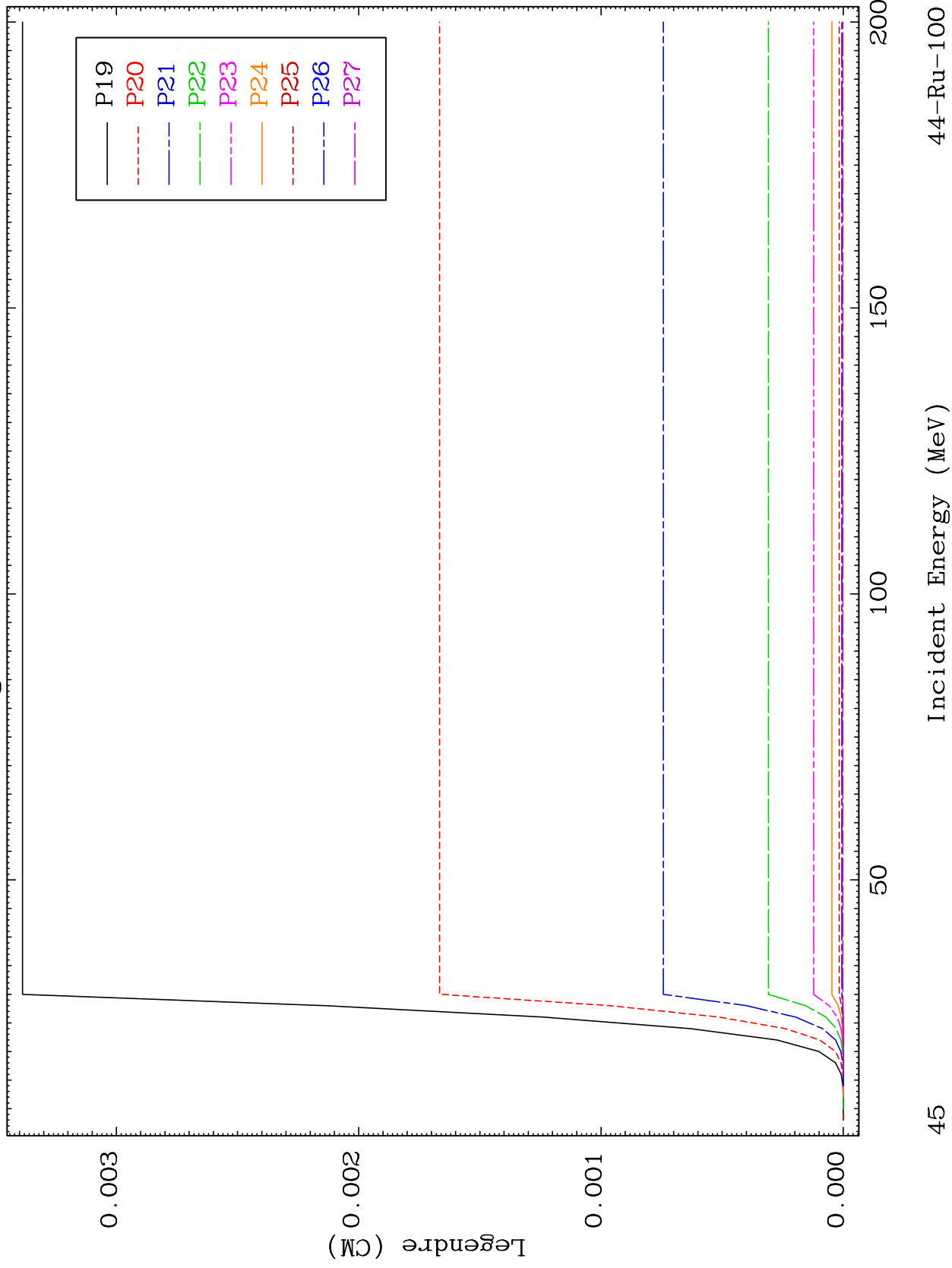
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



45

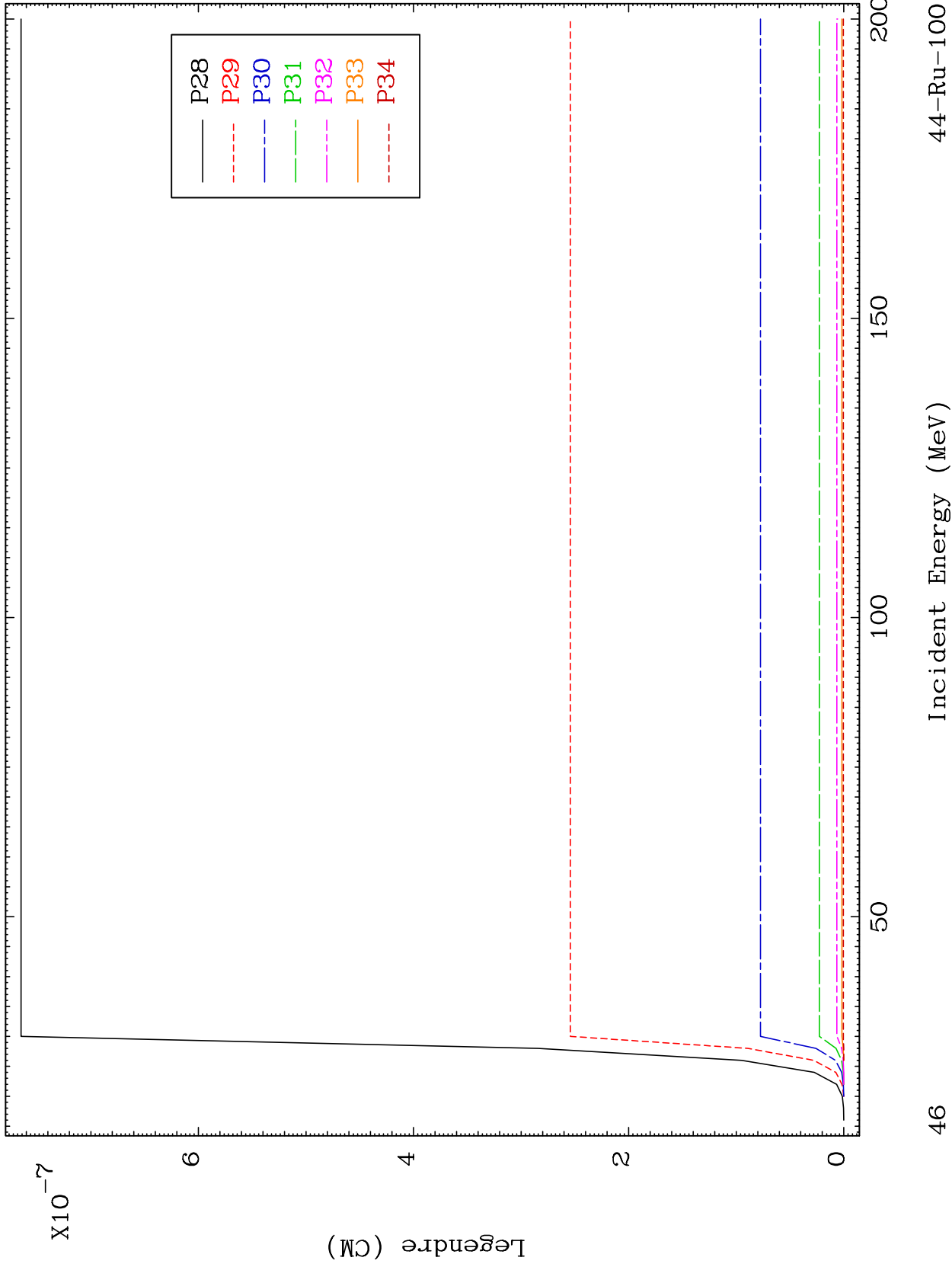
Incident Energy (MeV)

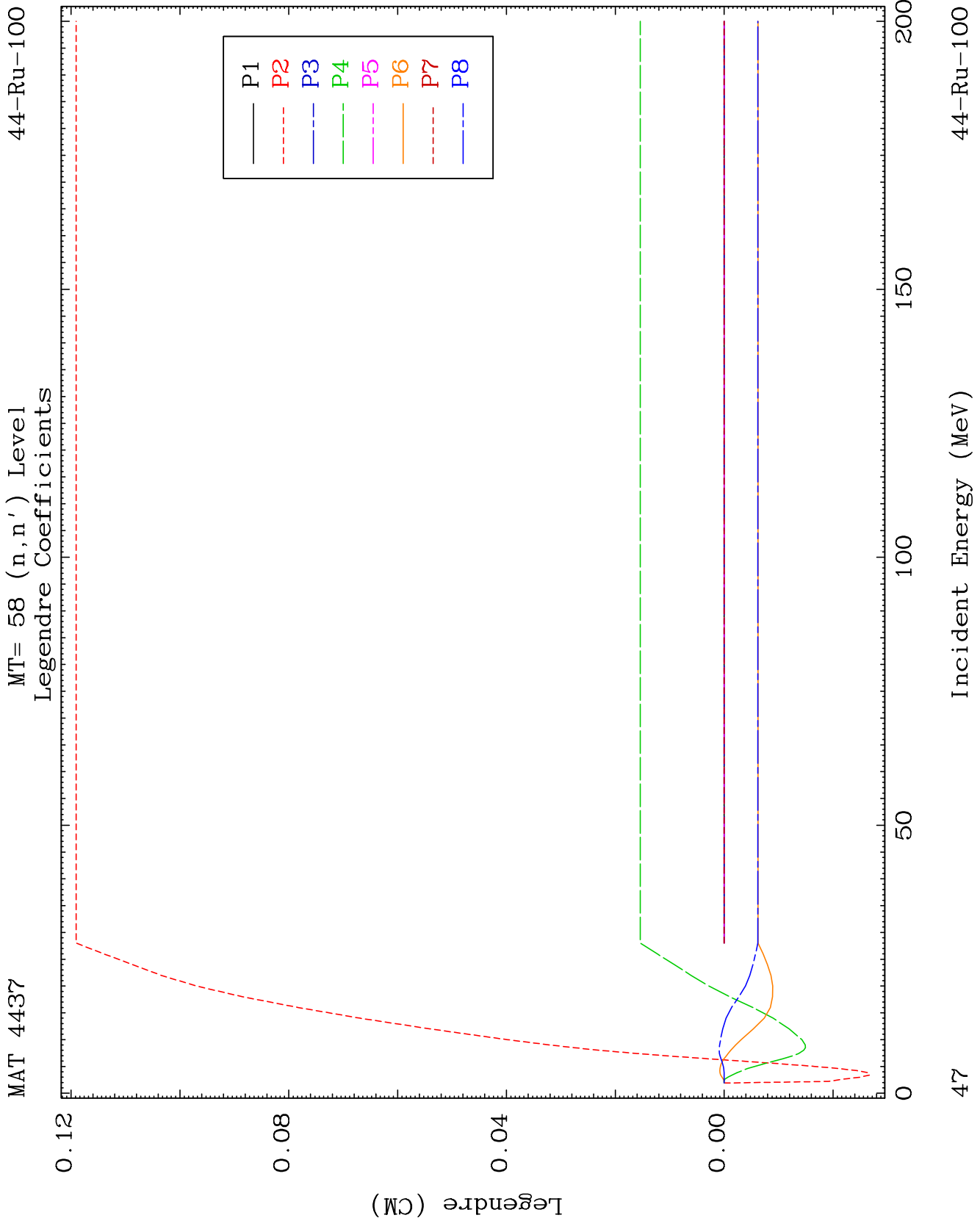
44-Ru-100

MAT 4437

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

44-Ru-100

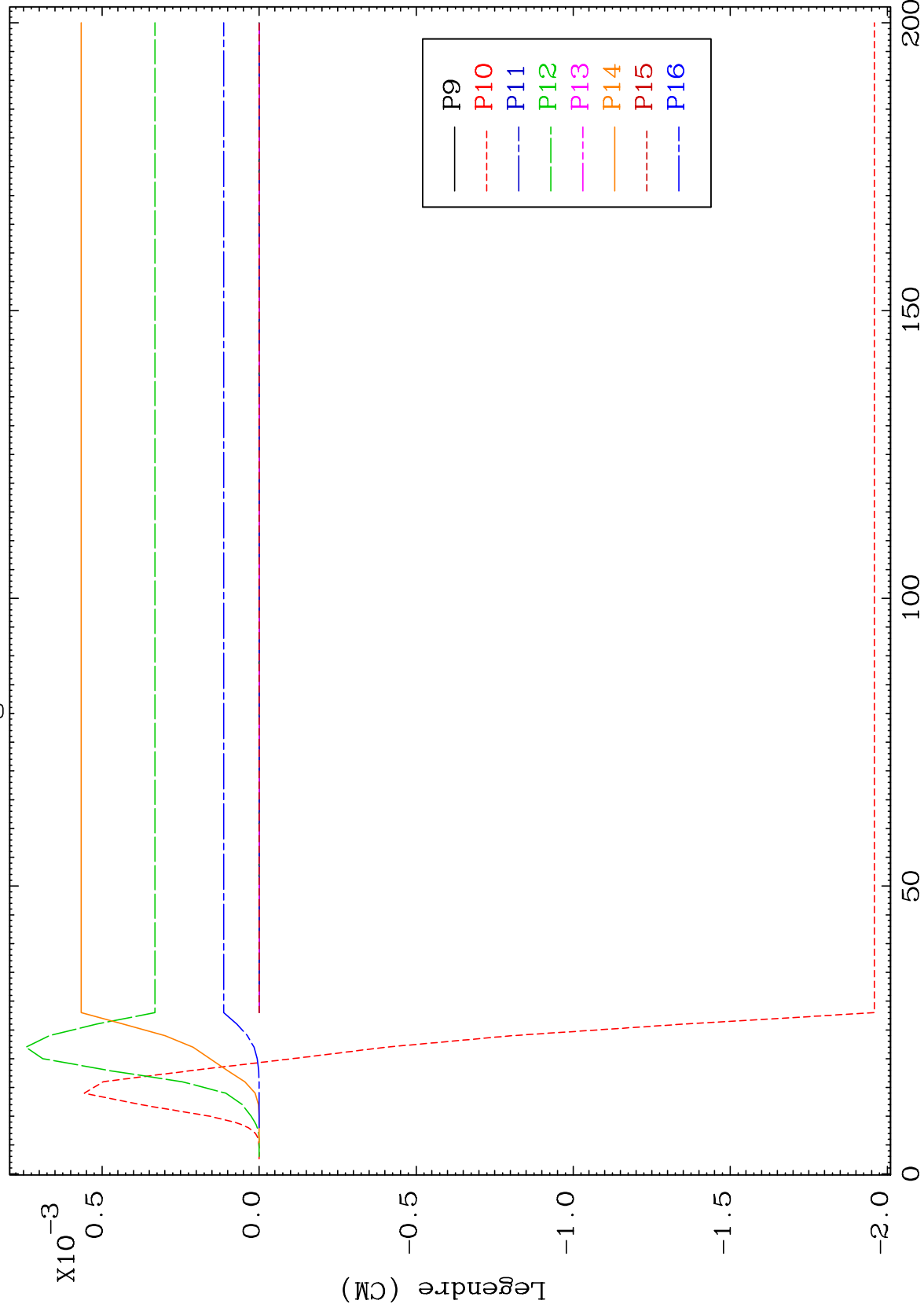




MAT 4437

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

44-Ru-100

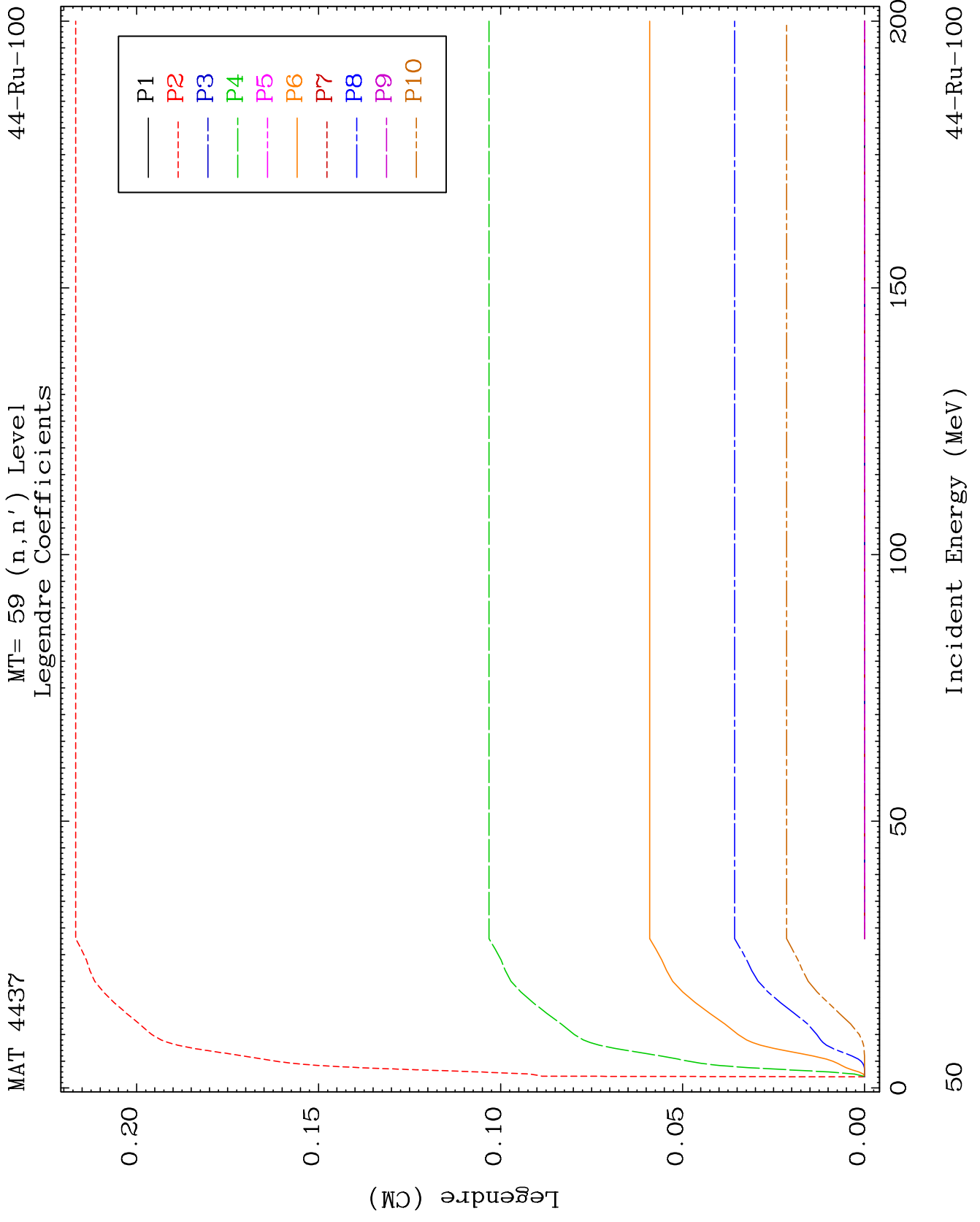


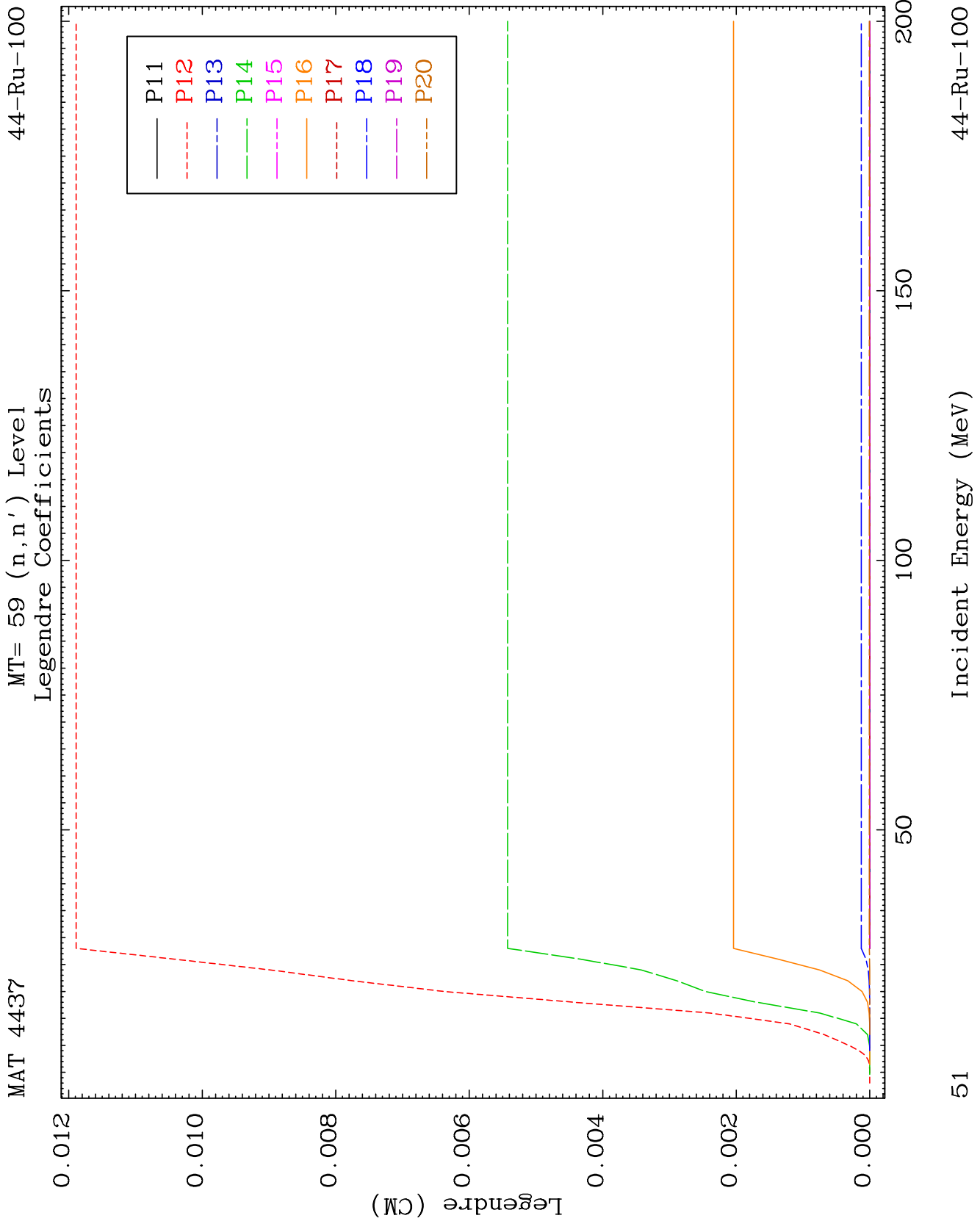
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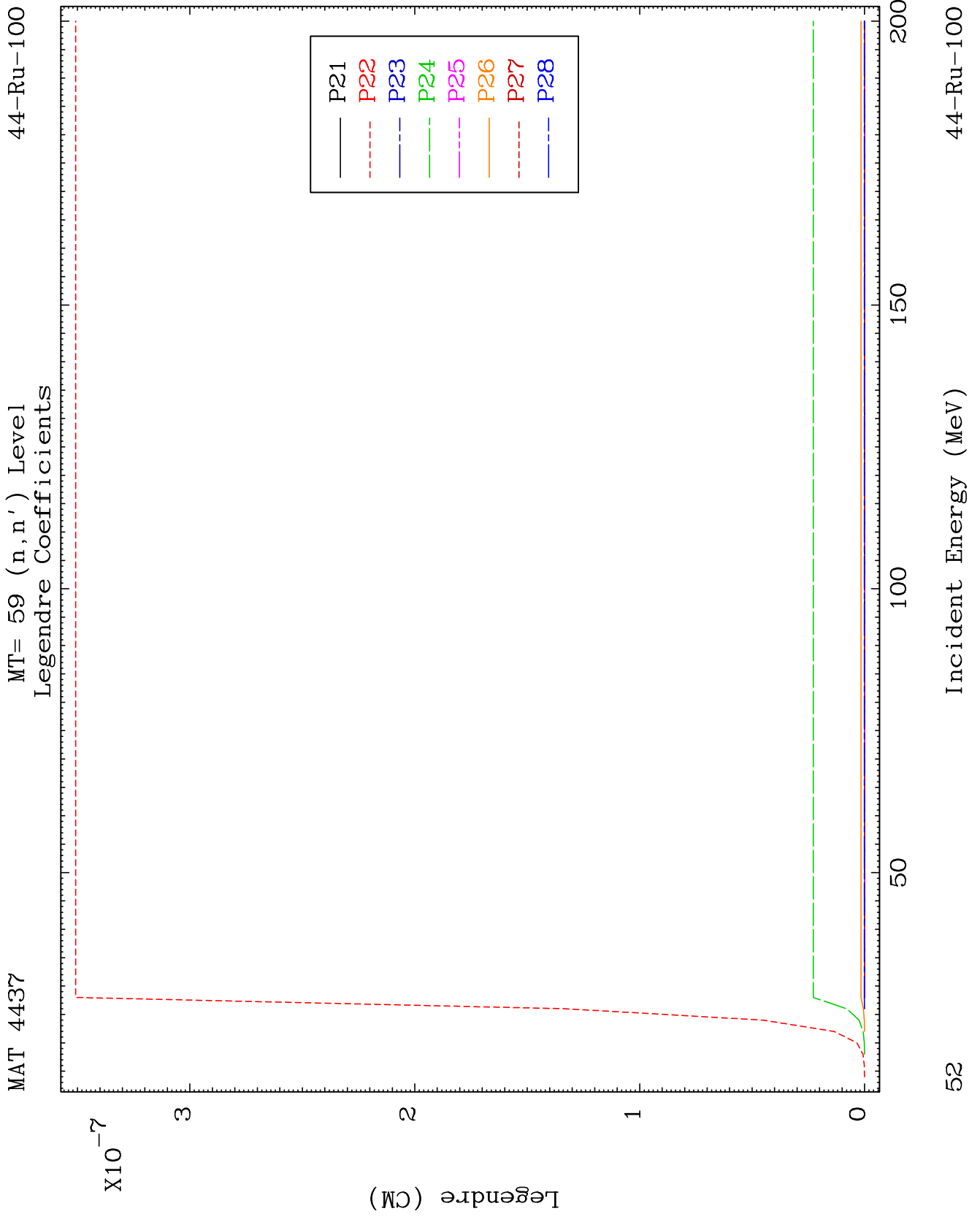
Incident Energy (MeV)

44-Ru-100





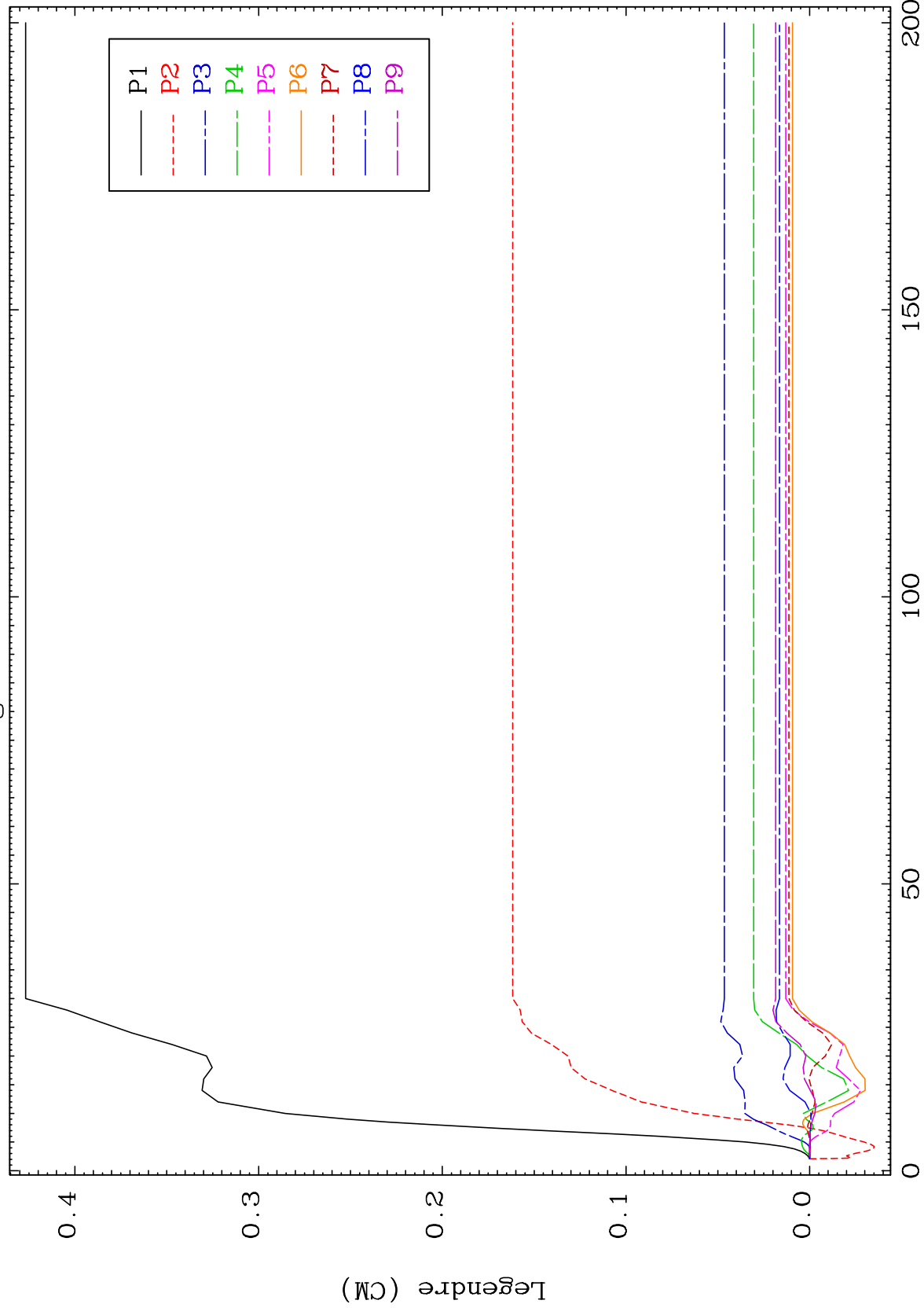




MAT 4437

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

44-Ru-100



53

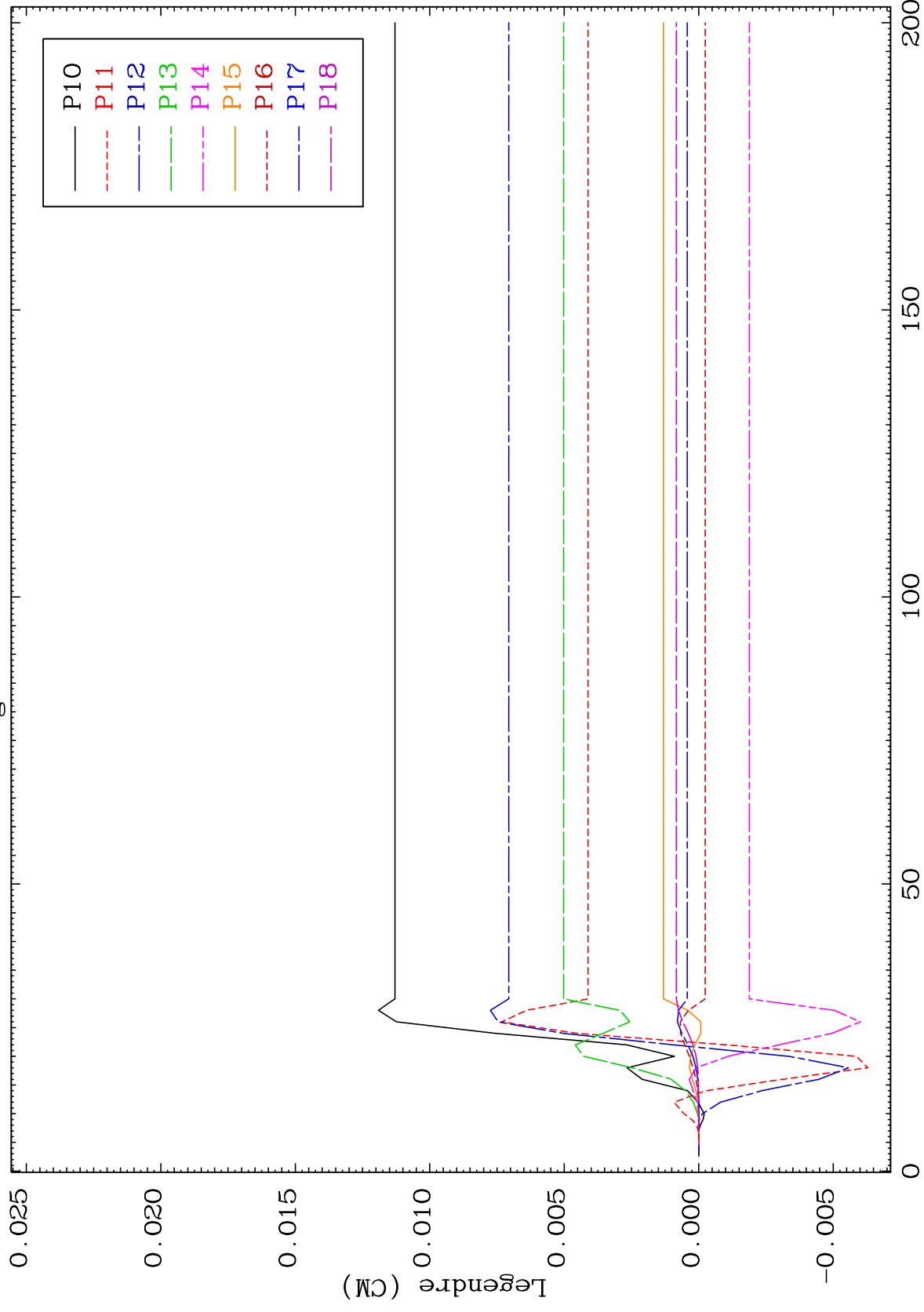
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



54

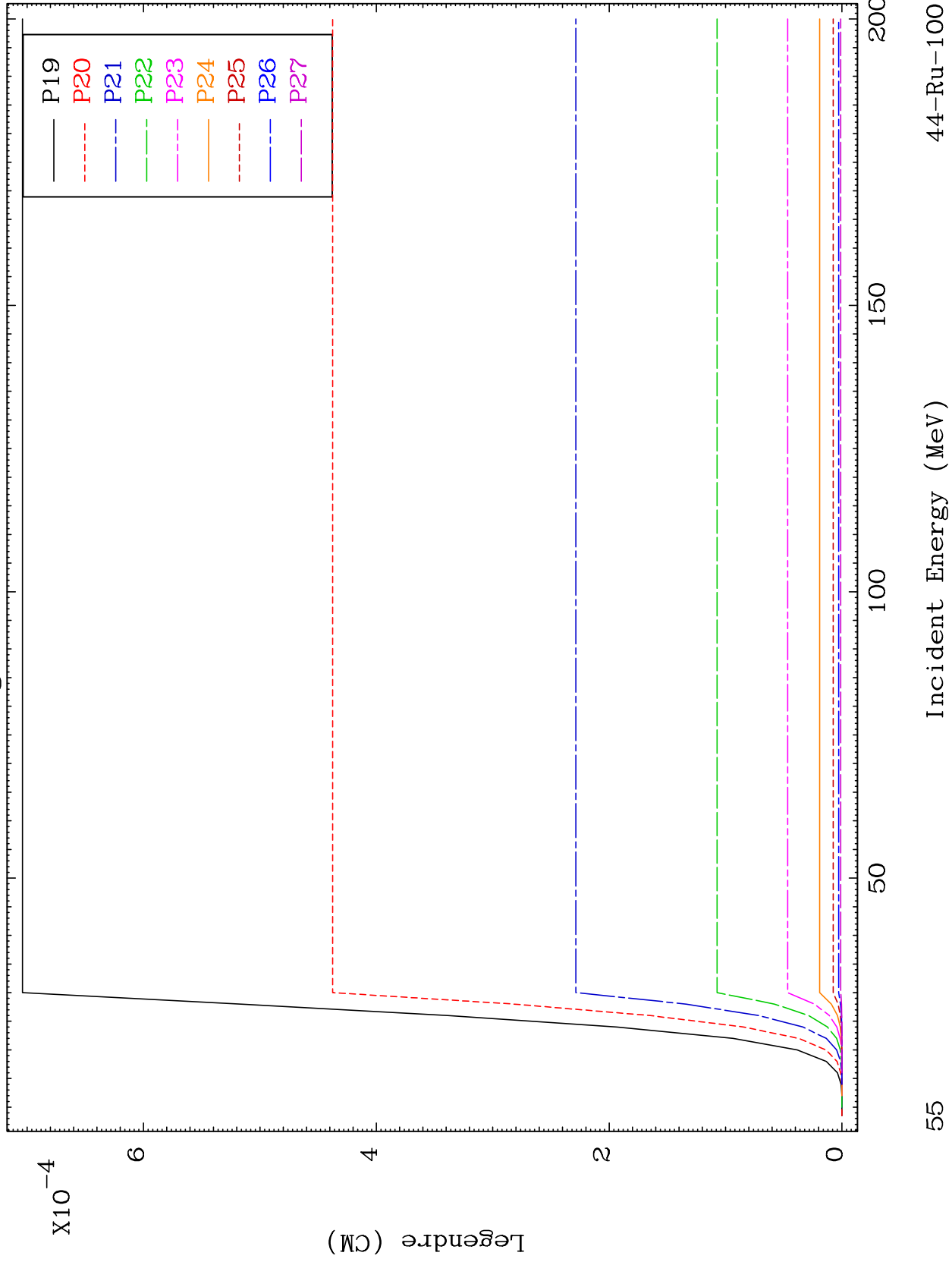
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



55

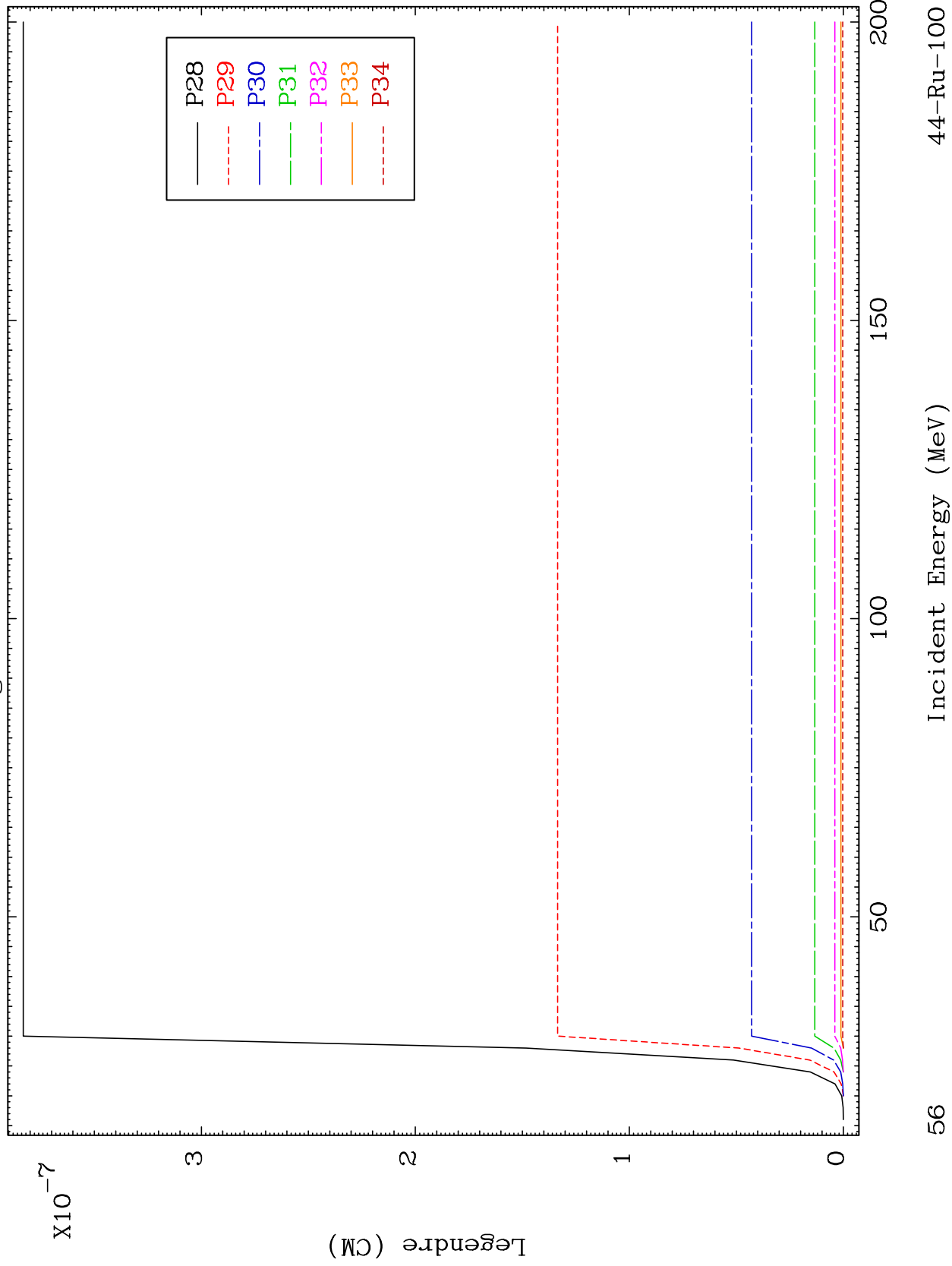
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

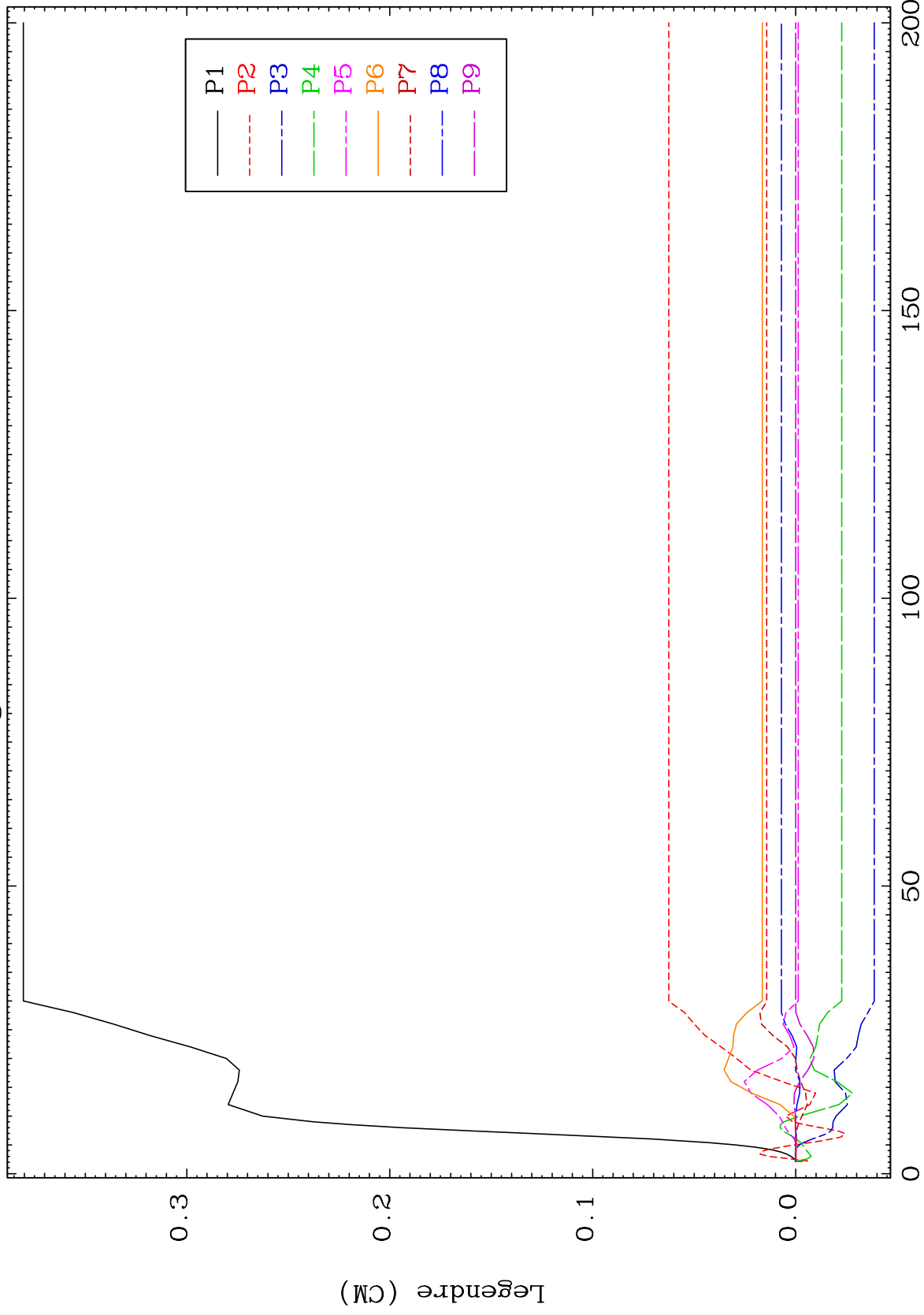
44-Ru-100



MAT 4437

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

44-Ru-100



57

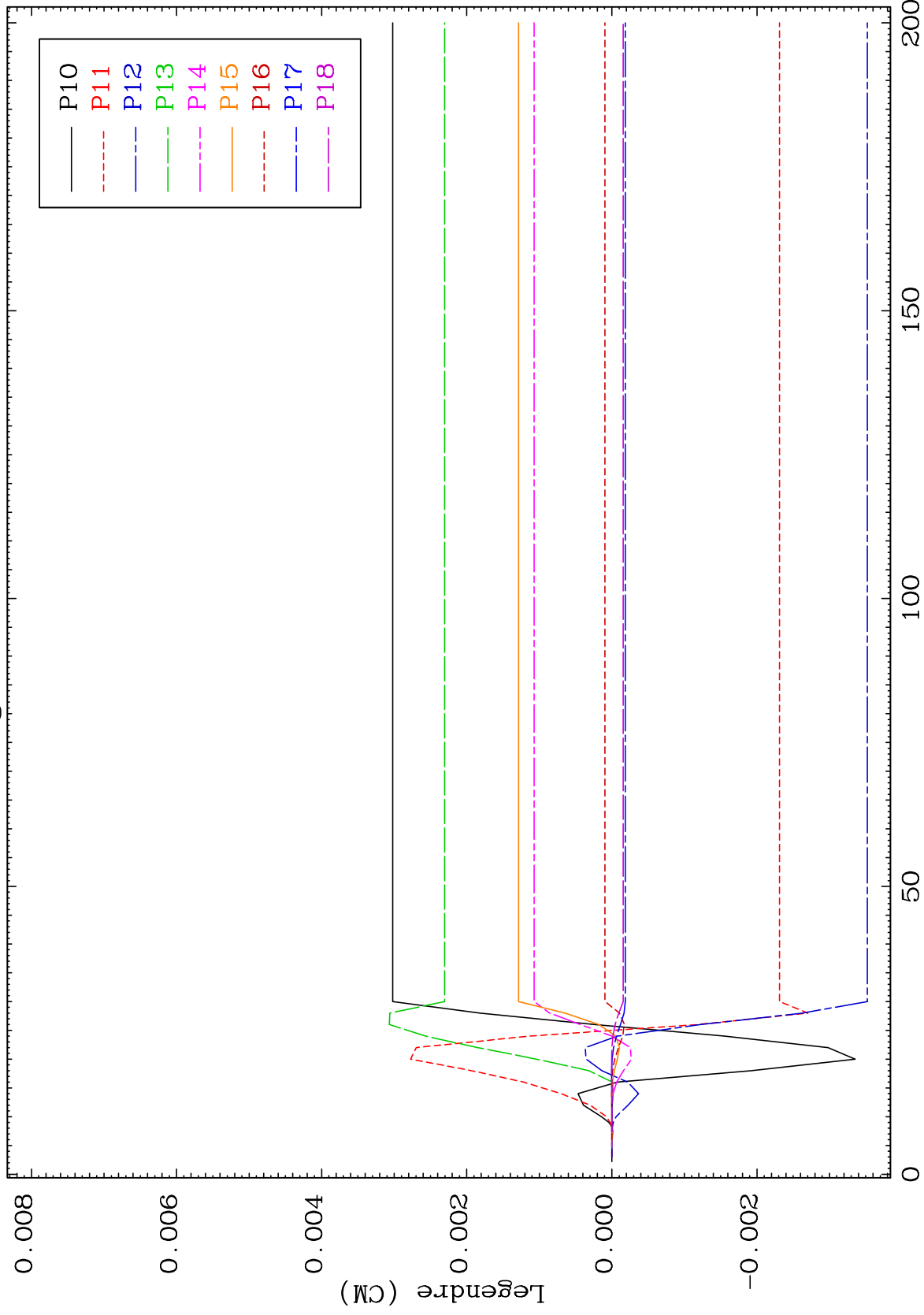
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



58

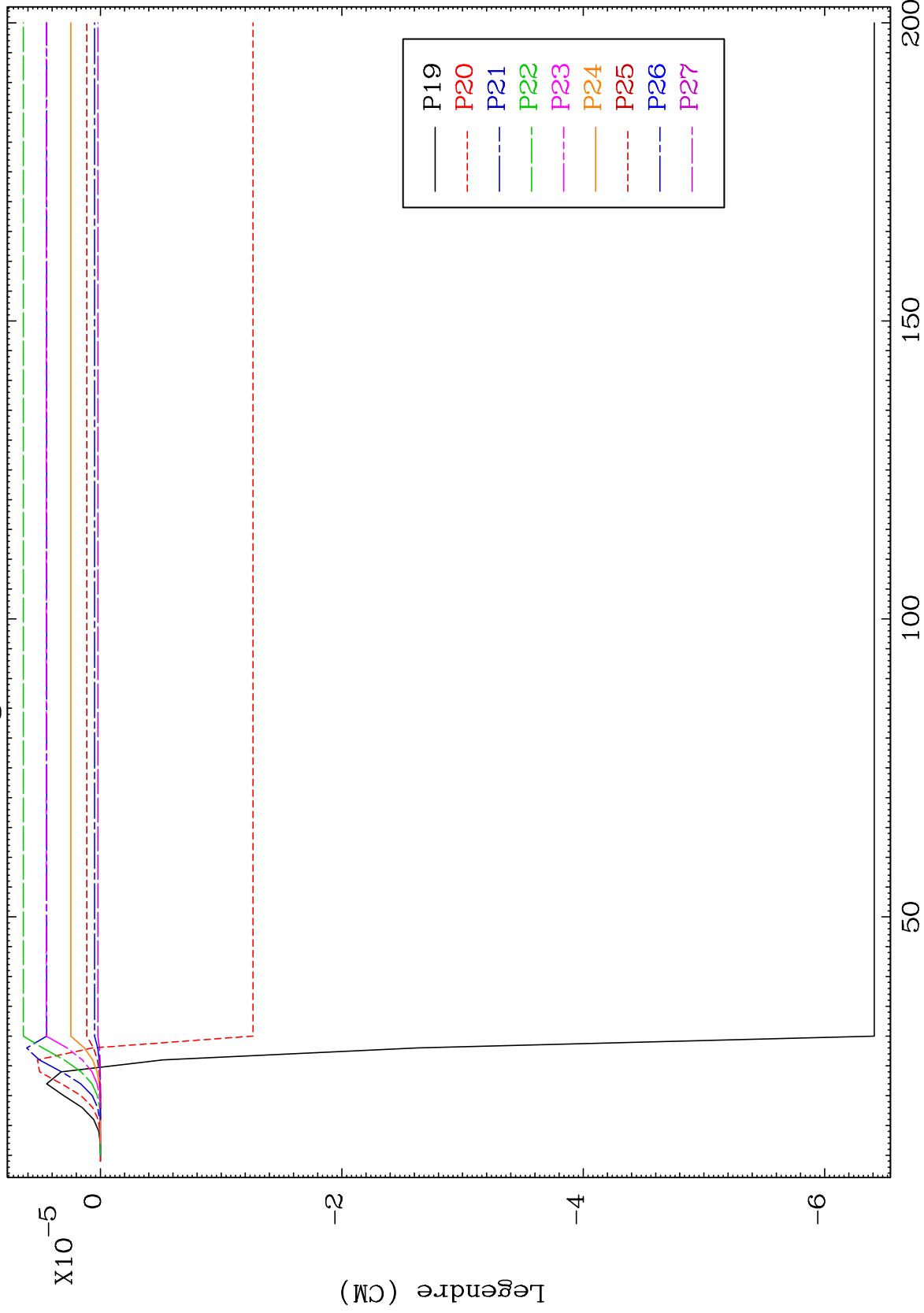
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

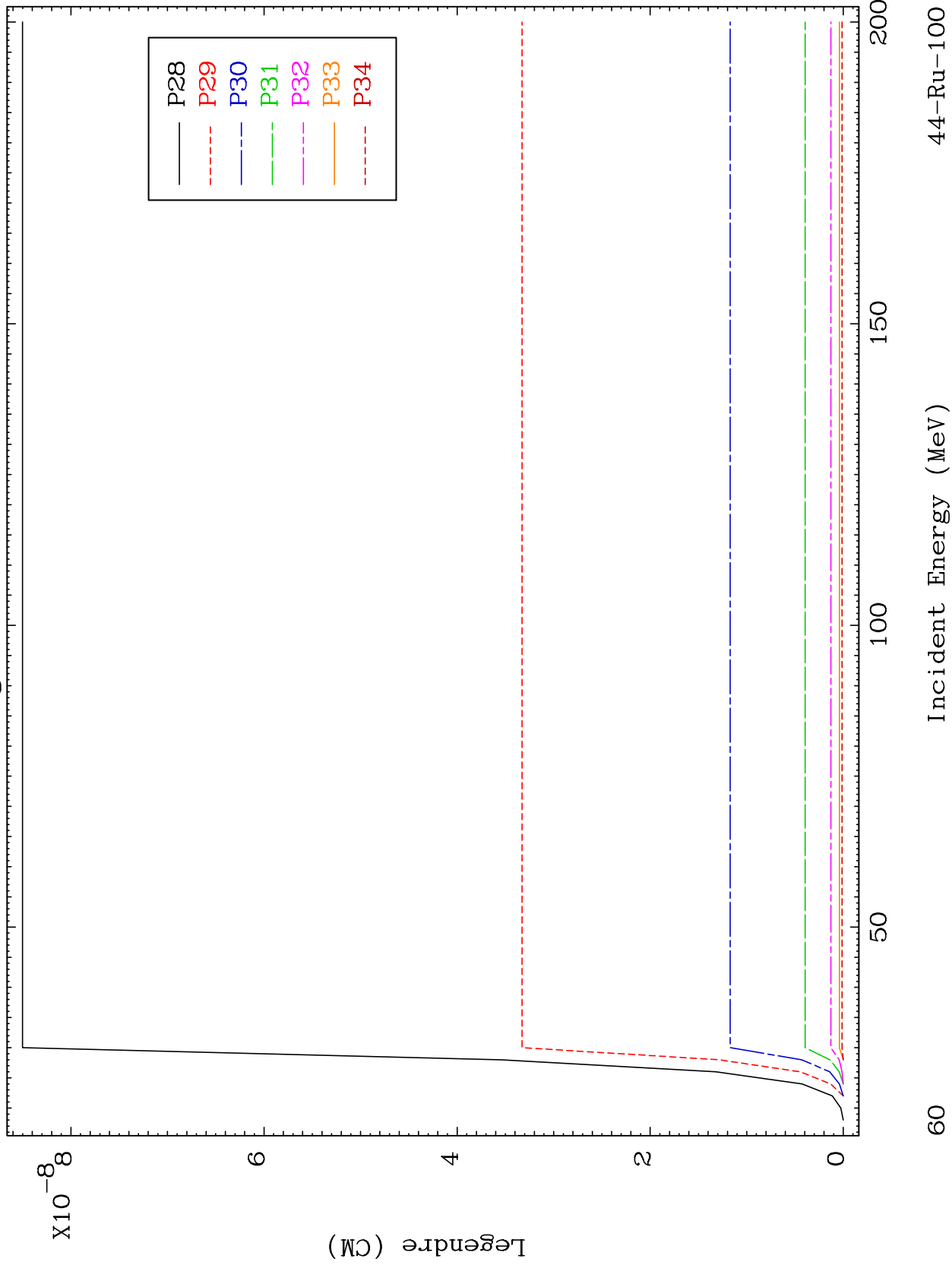
44-Ru-100



MAT 4437

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

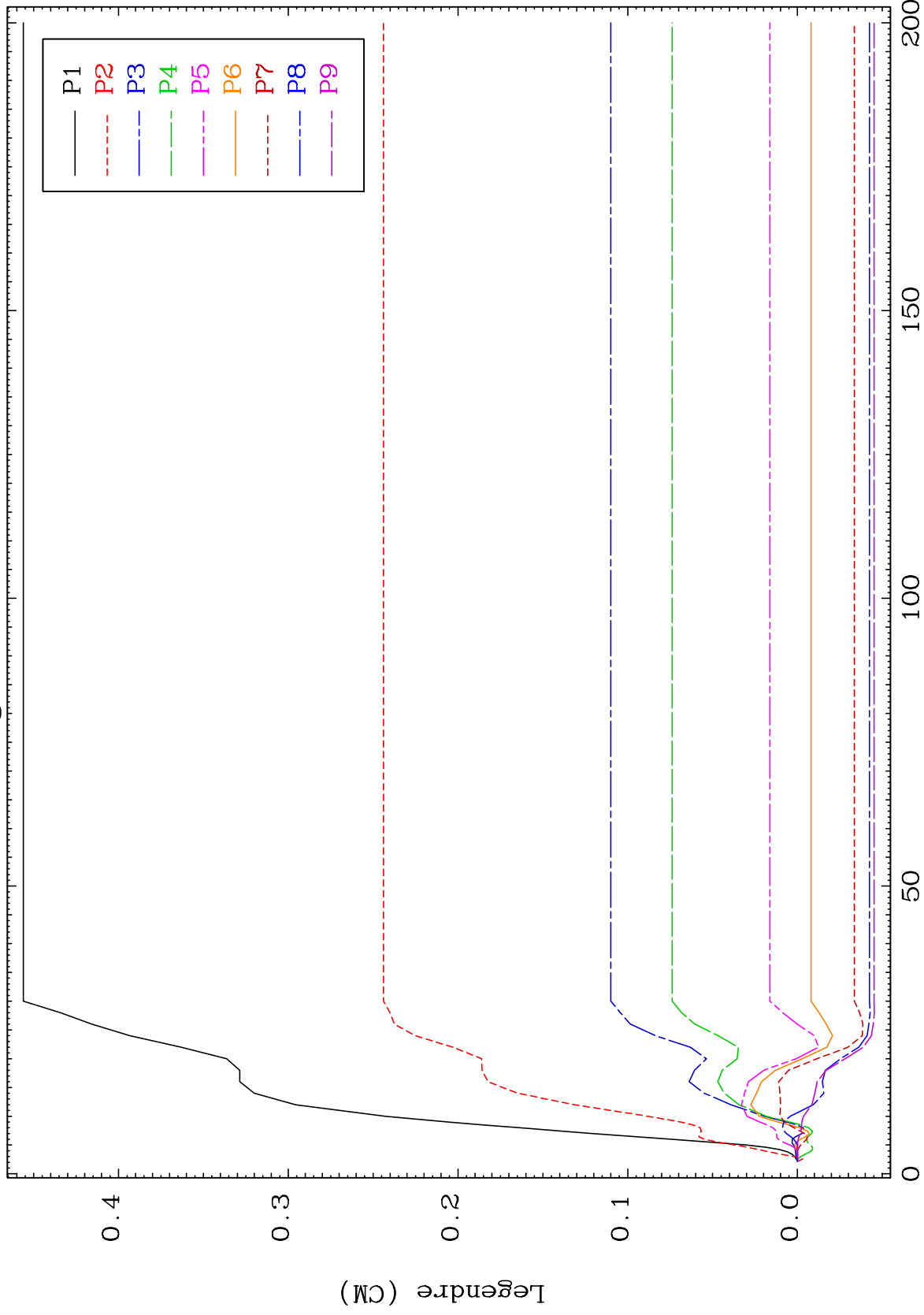
44-Ru-100



MAT 4437

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

44-Ru-100



61

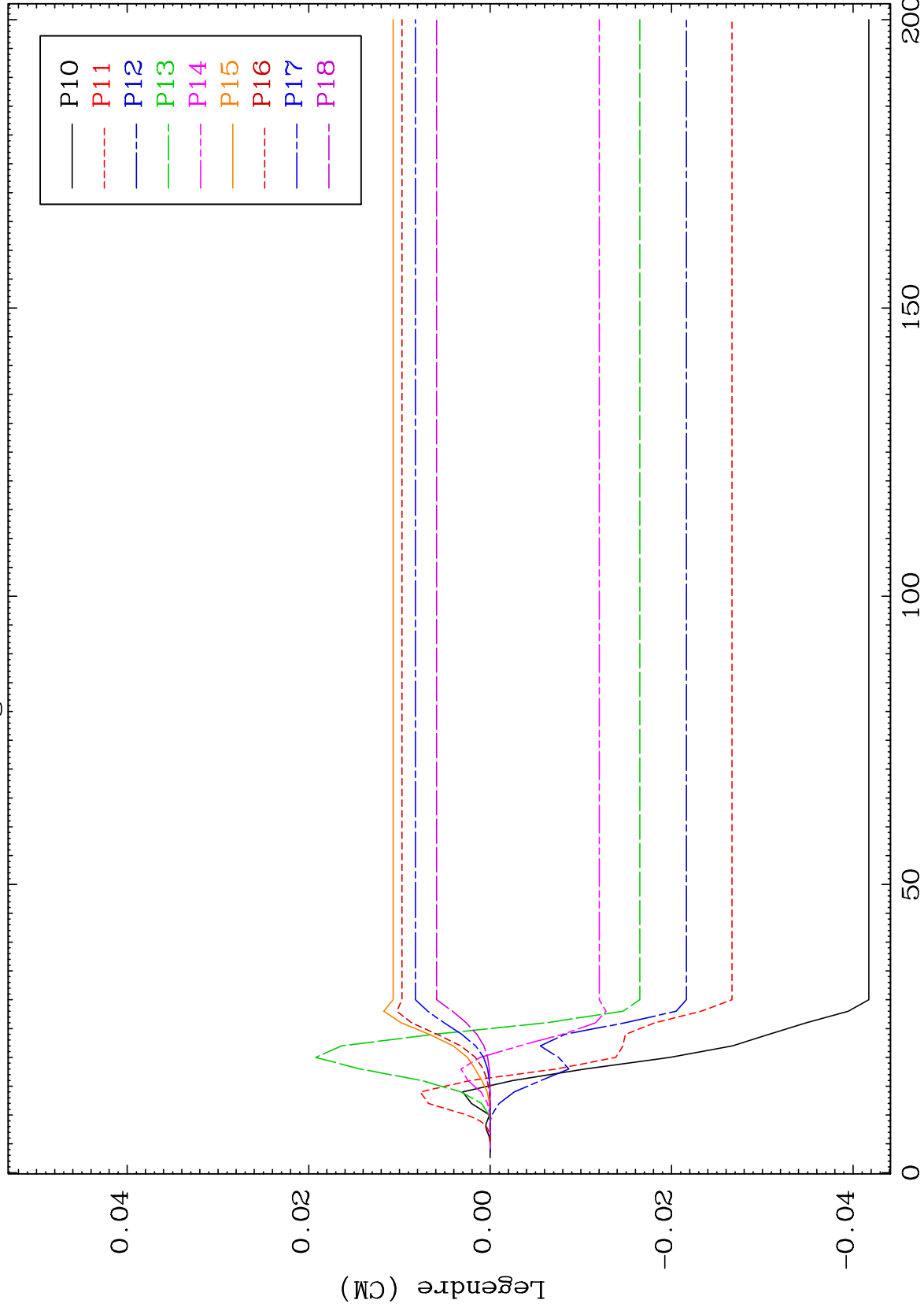
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



62

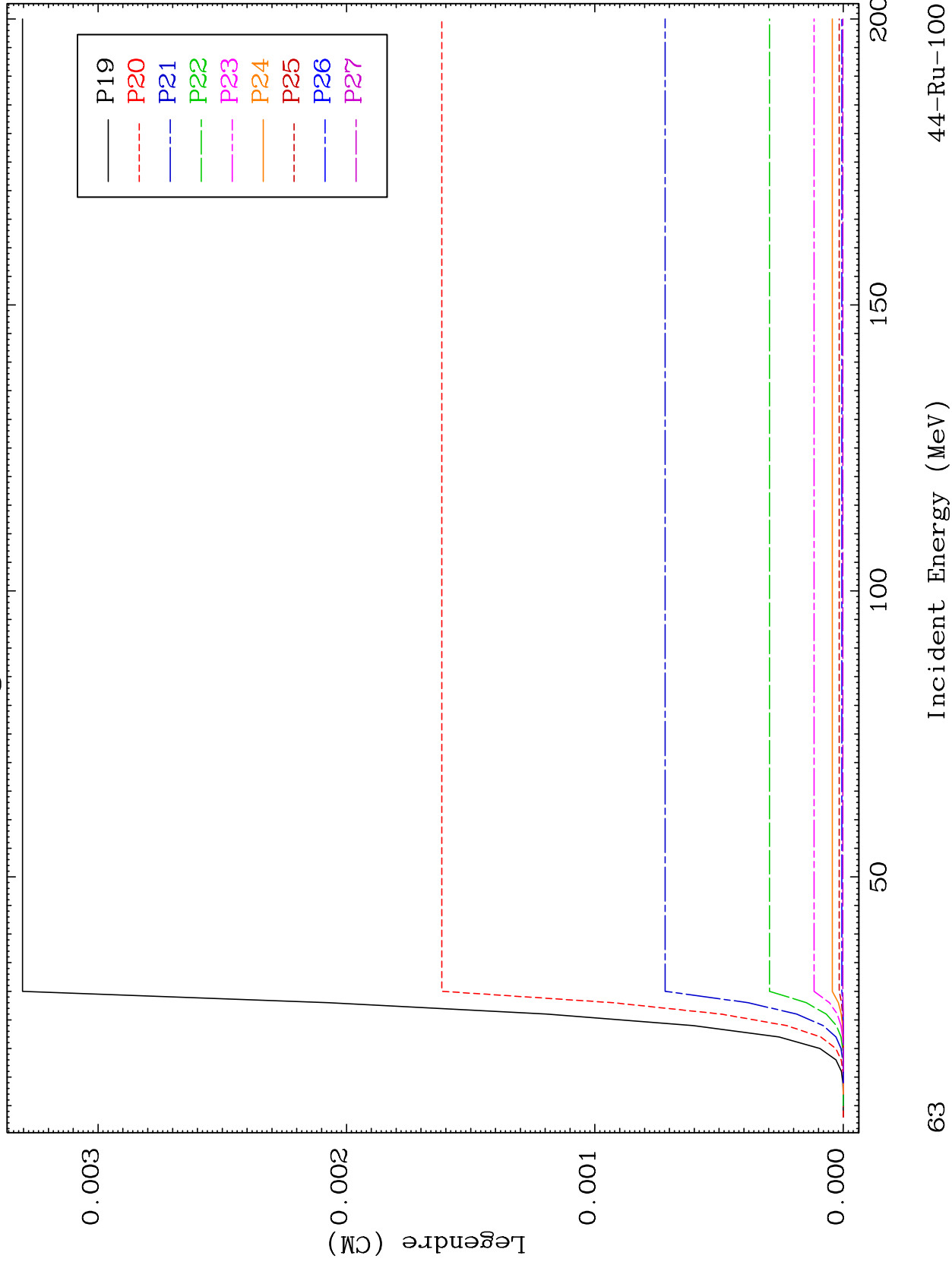
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



63

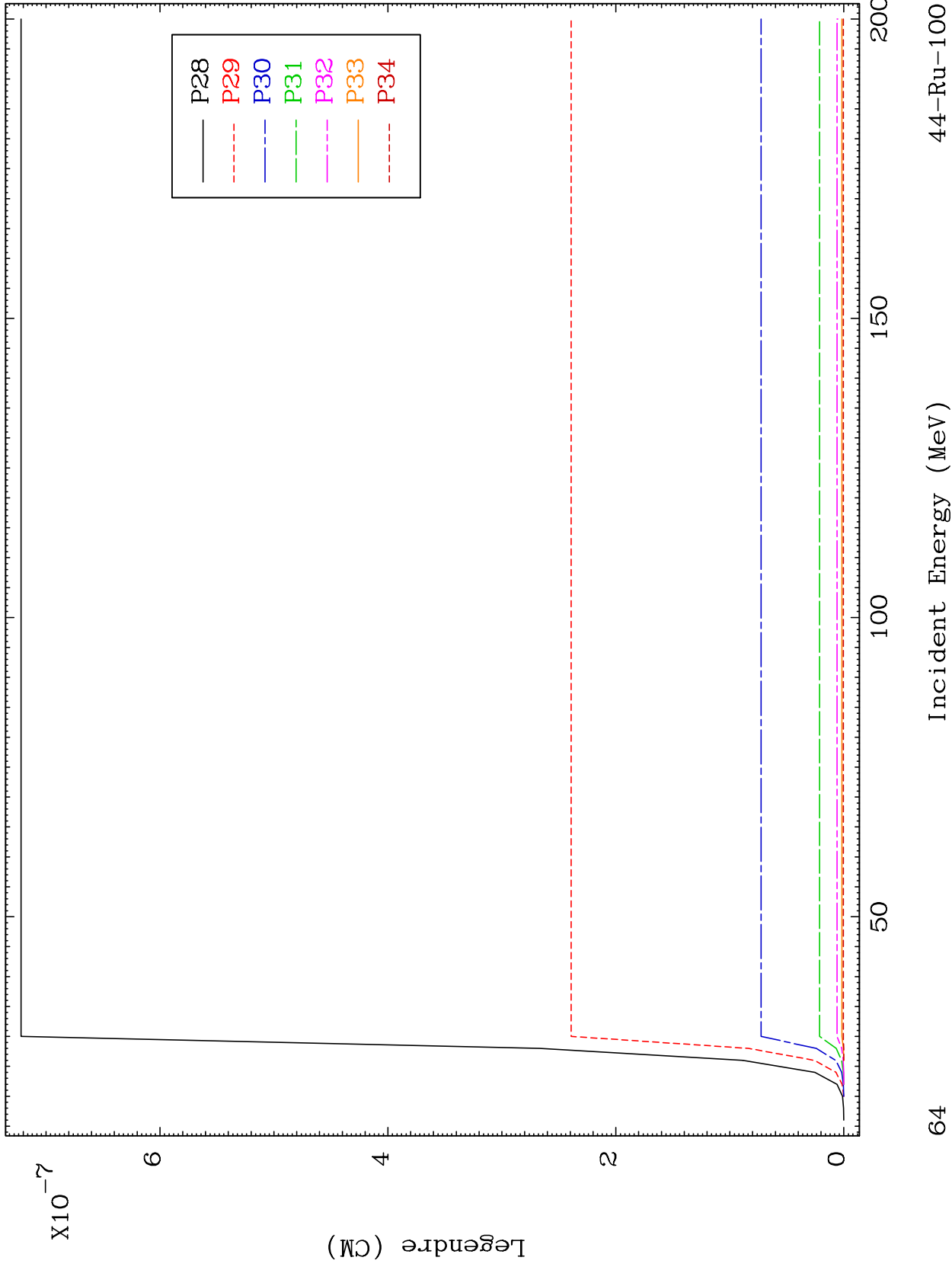
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

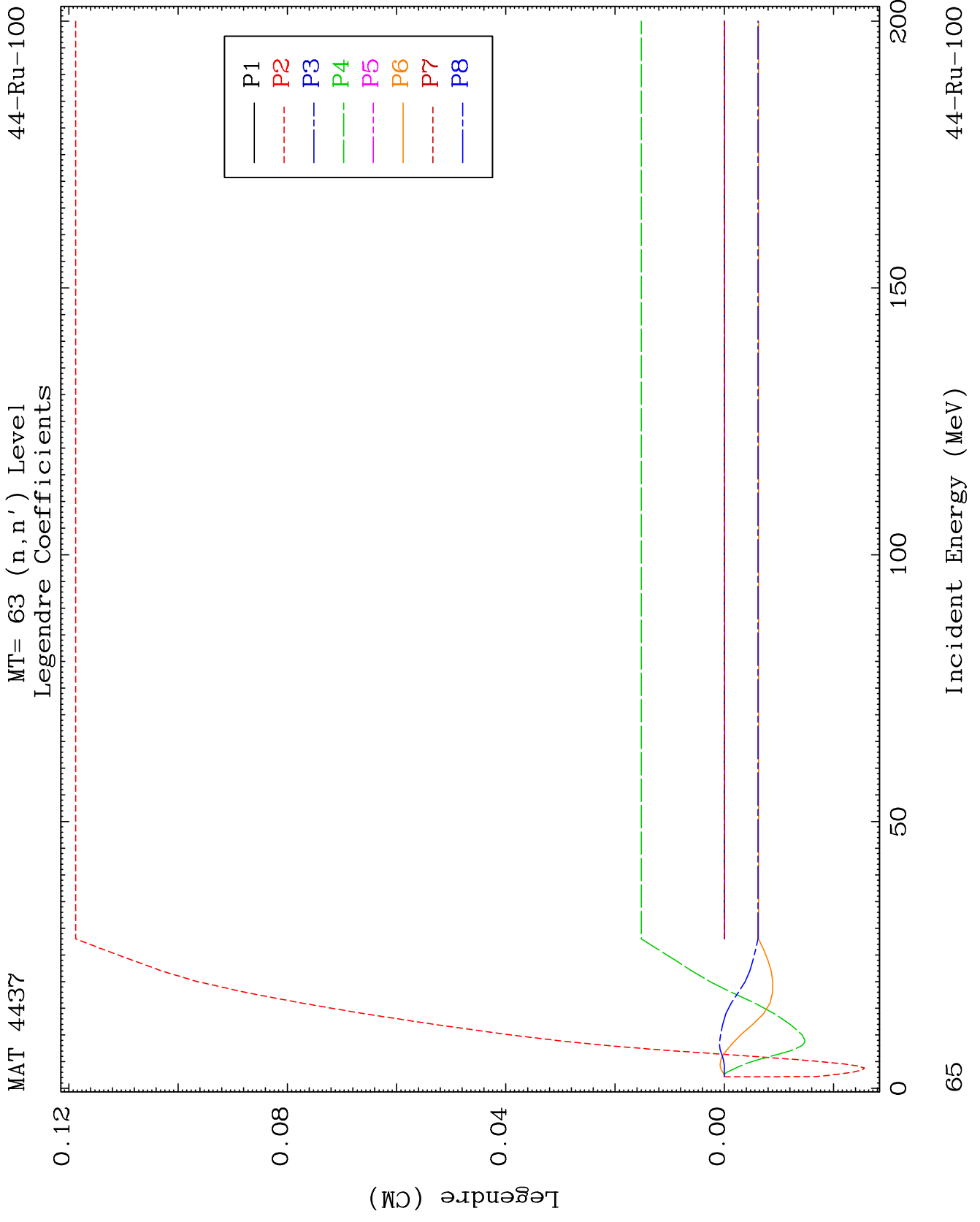
44-Ru-100



64

Incident Energy (MeV)

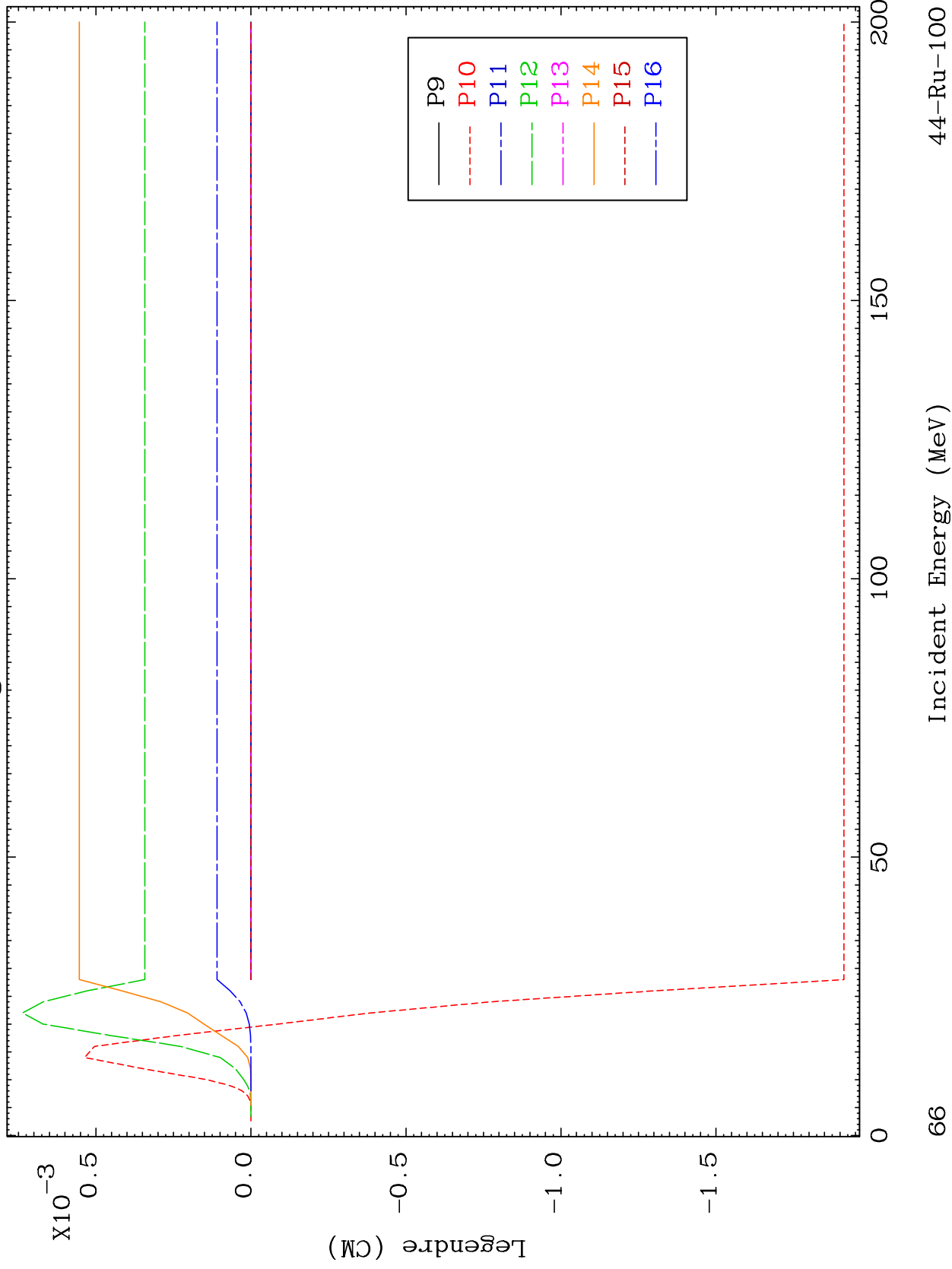
44-Ru-100



MAT 4437

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

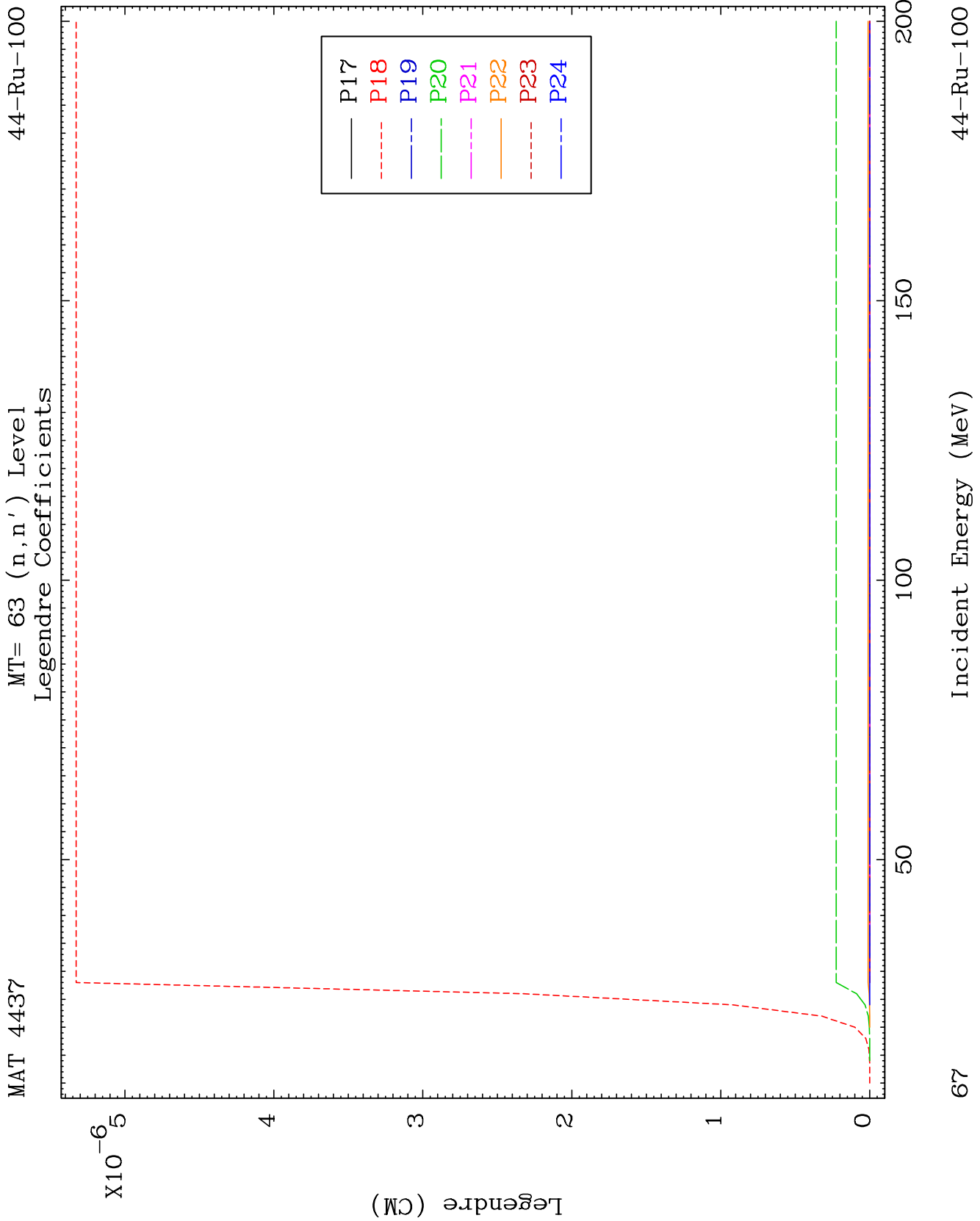
44-Ru-100



66

Incident Energy (MeV)

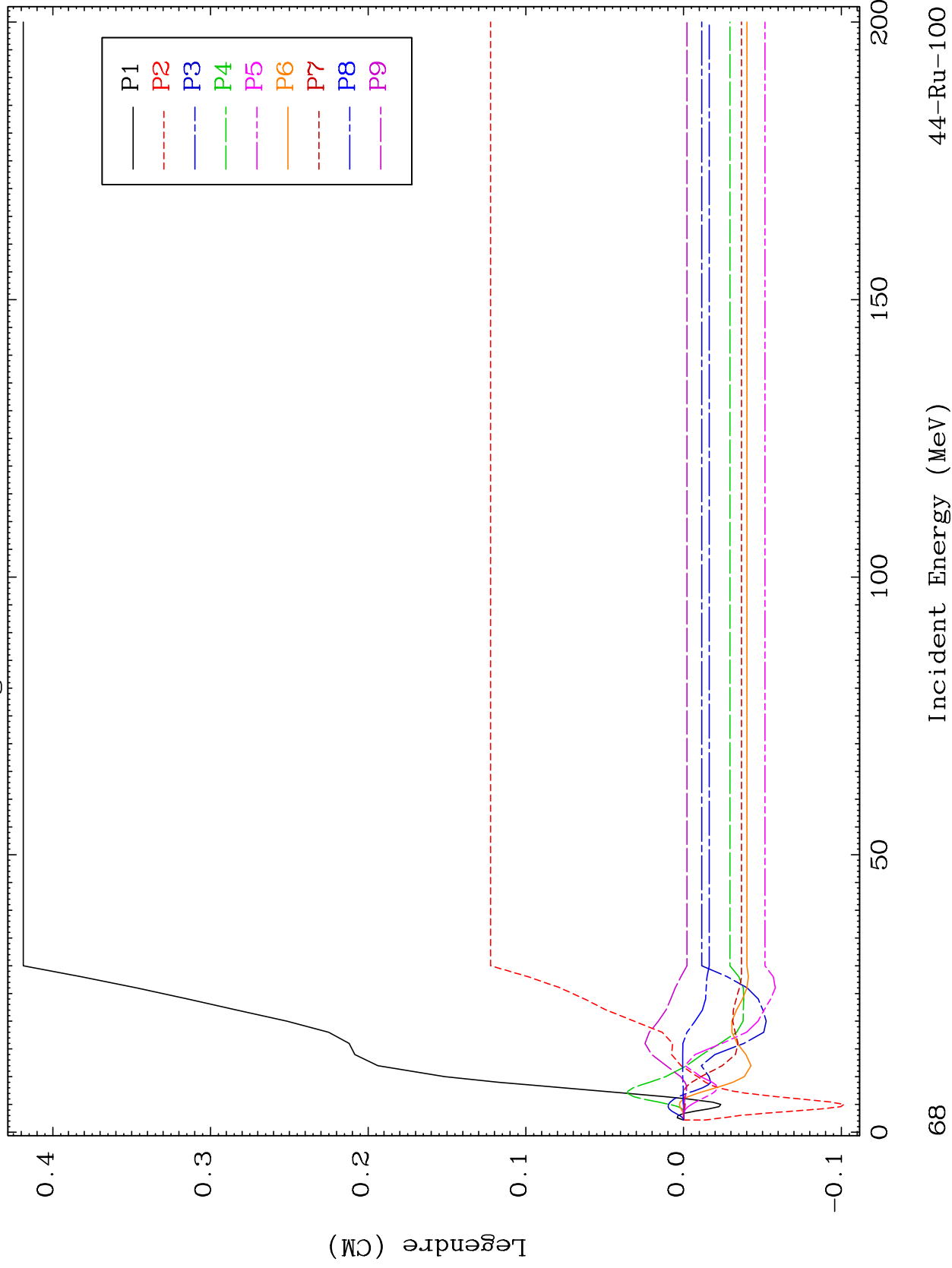
44-Ru-100



MAT 4437

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

44-Ru-100



68

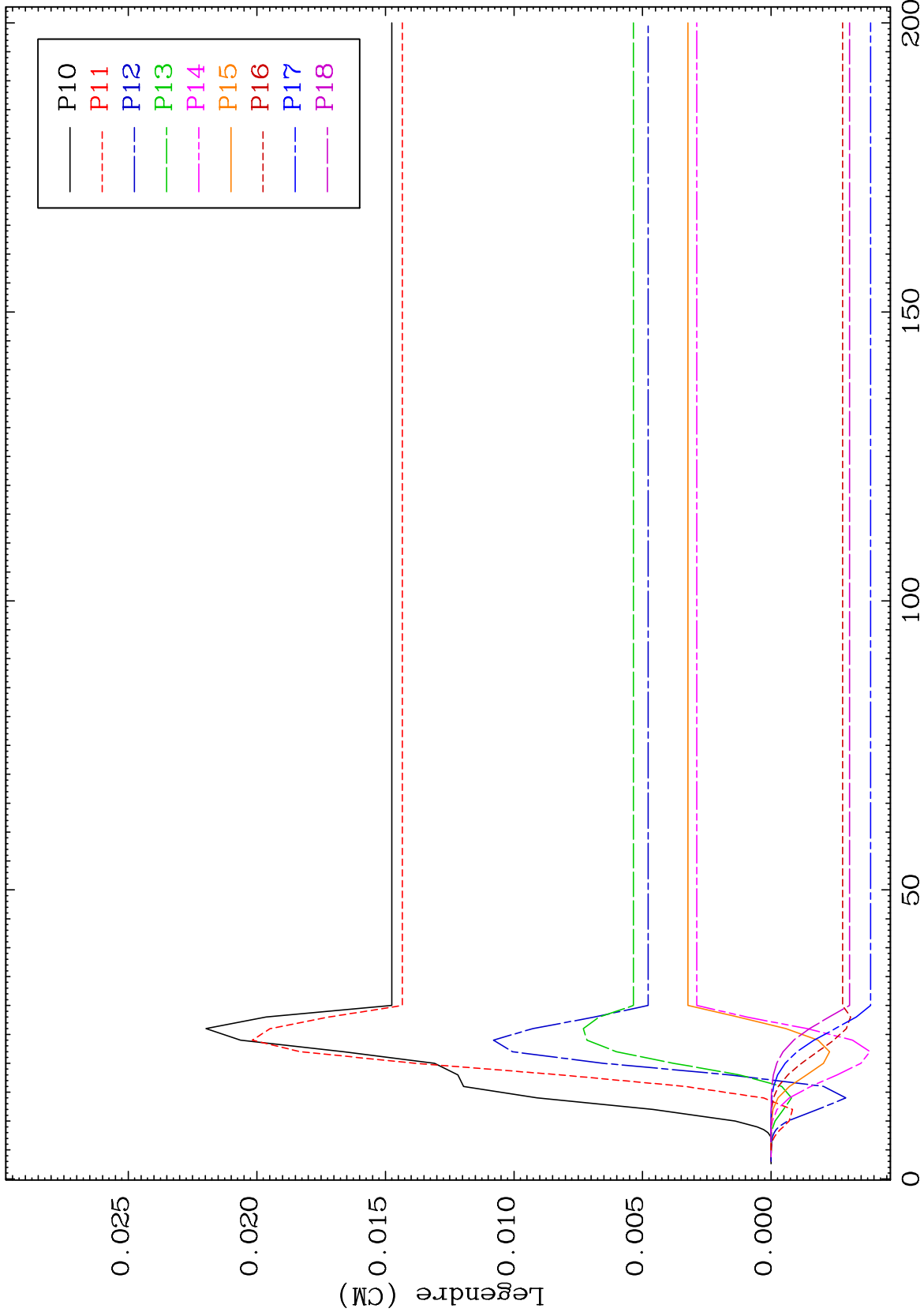
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

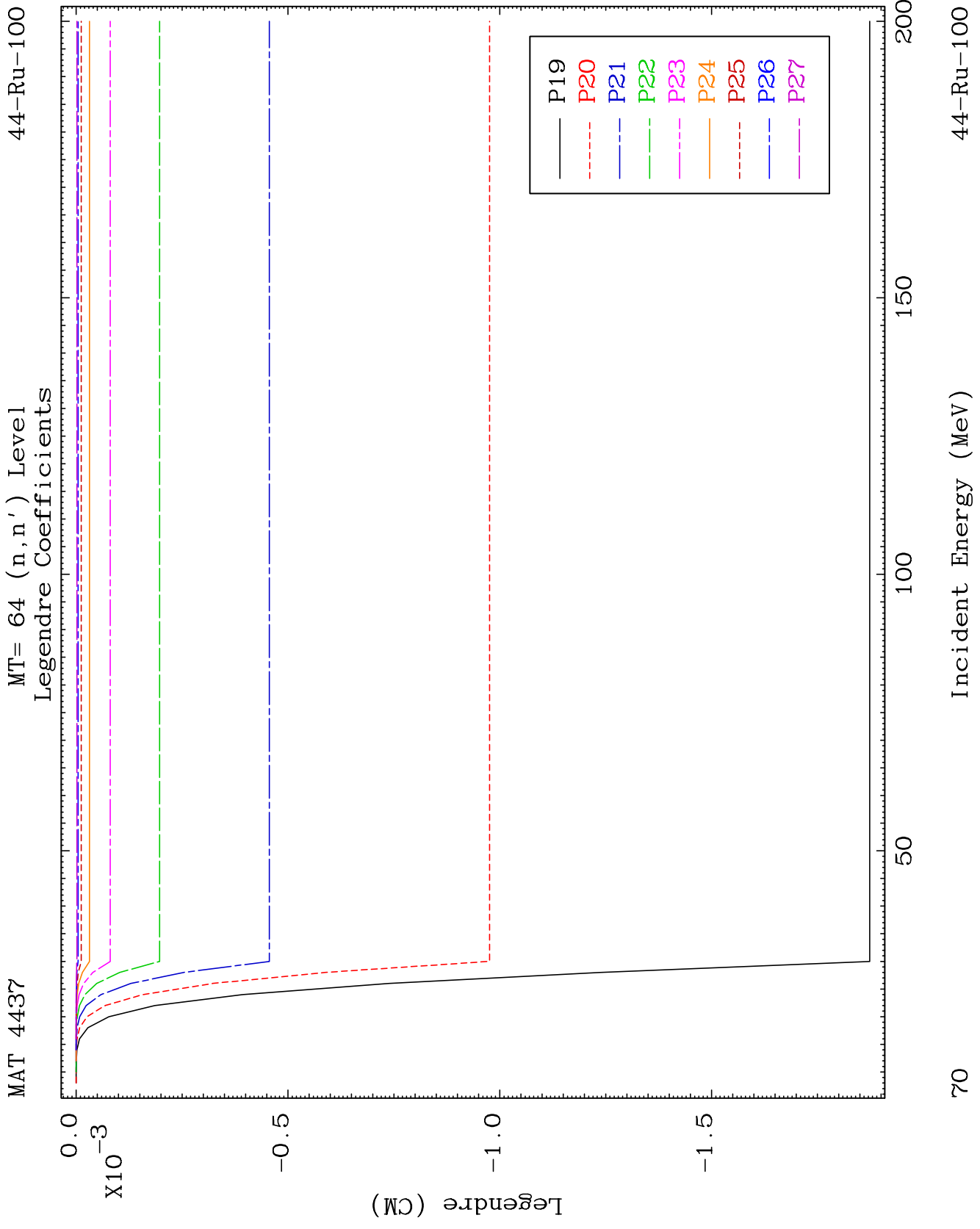
44-Ru-100

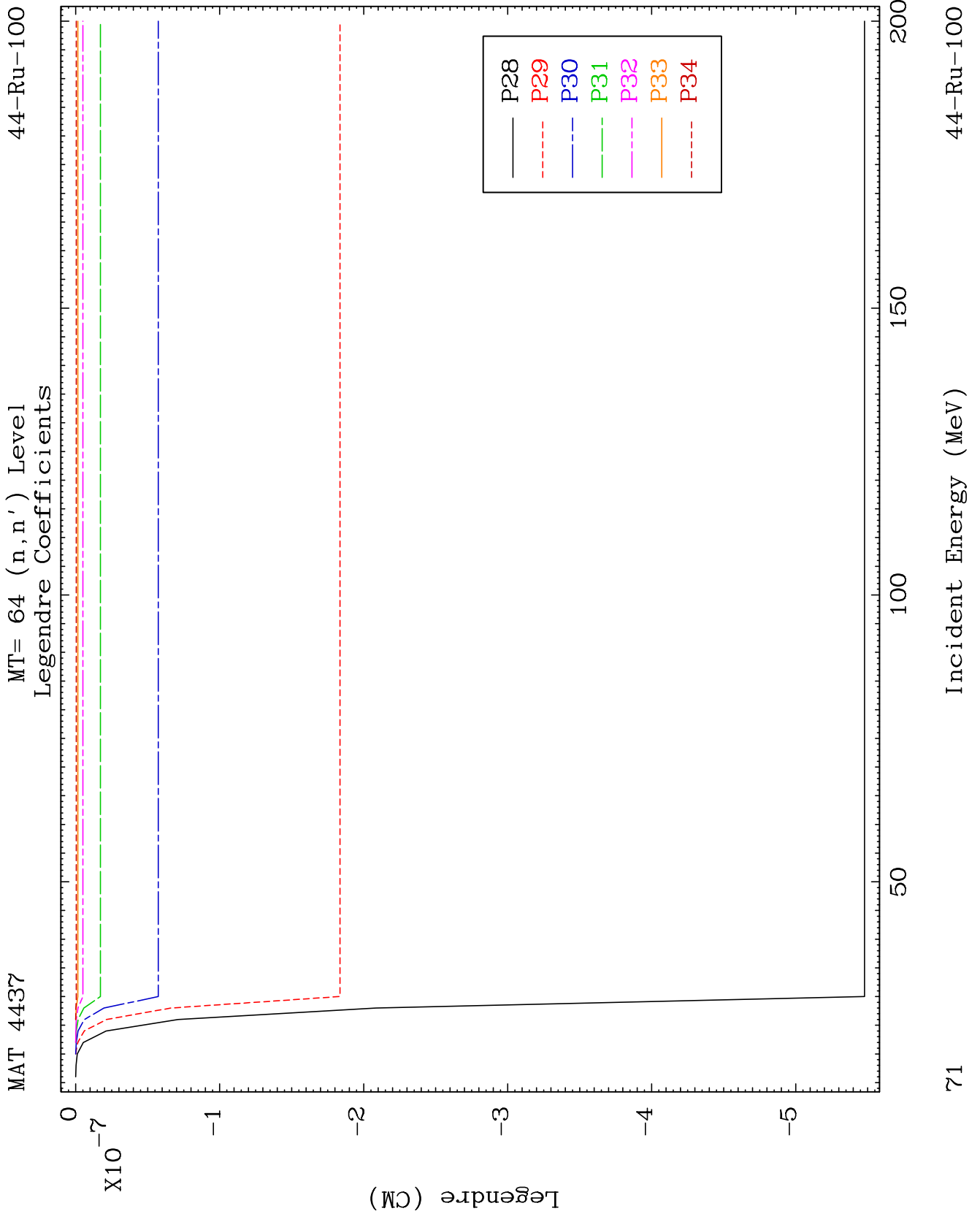


69

Incident Energy (MeV)

44-Ru-100

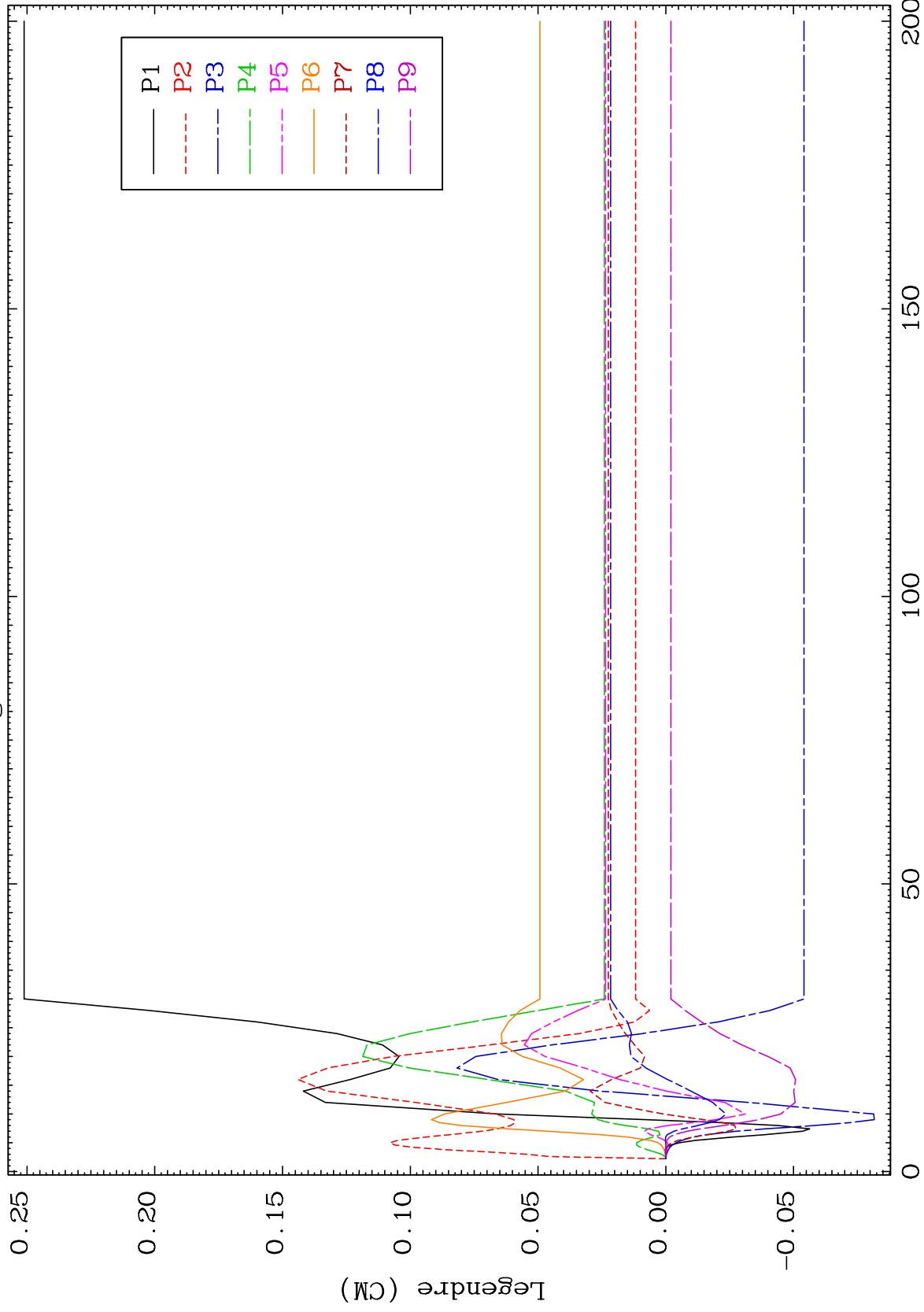




MAT 4437

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

44-Ru-100



72

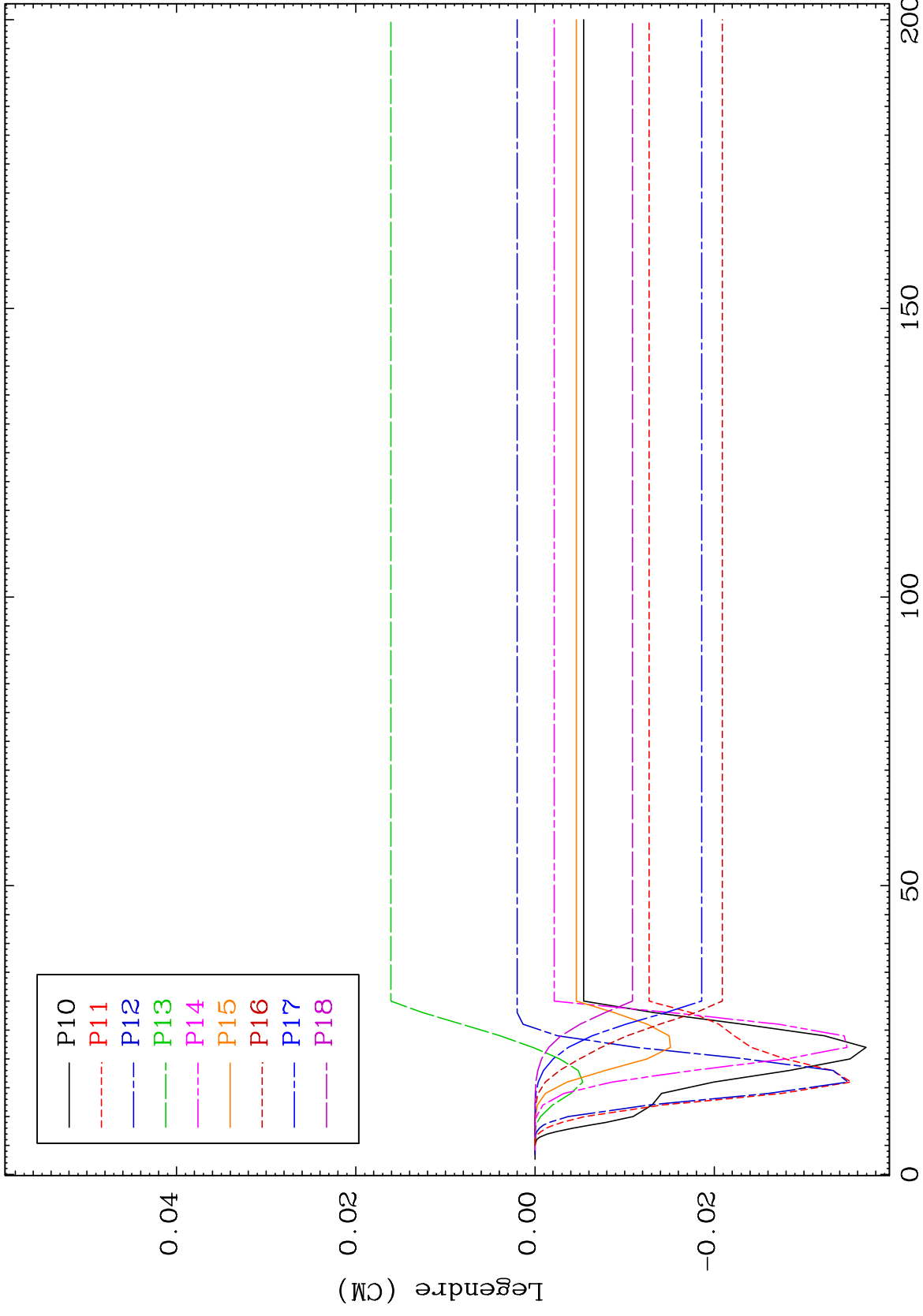
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

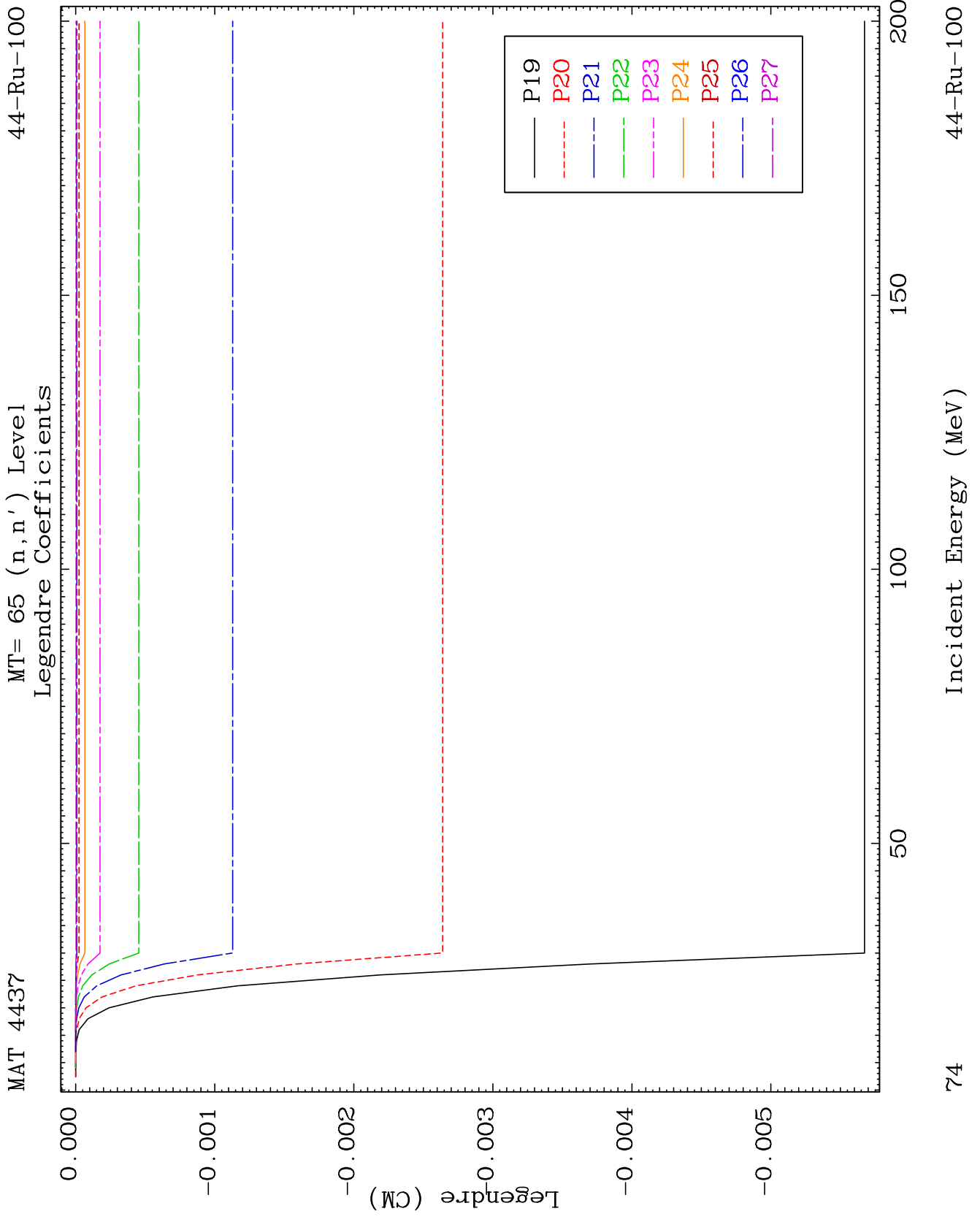
44-Ru-100

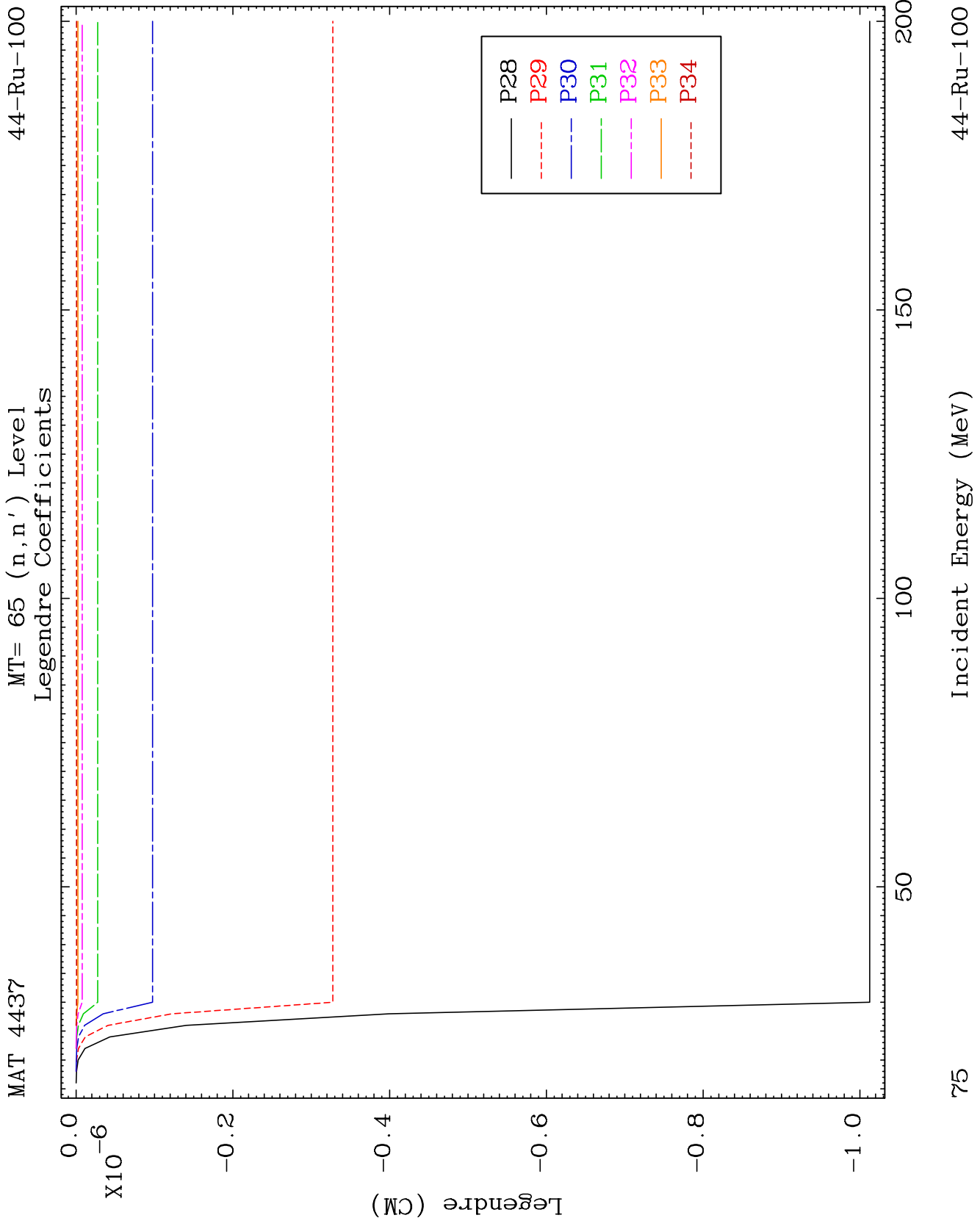


73

Incident Energy (MeV)

44-Ru-100

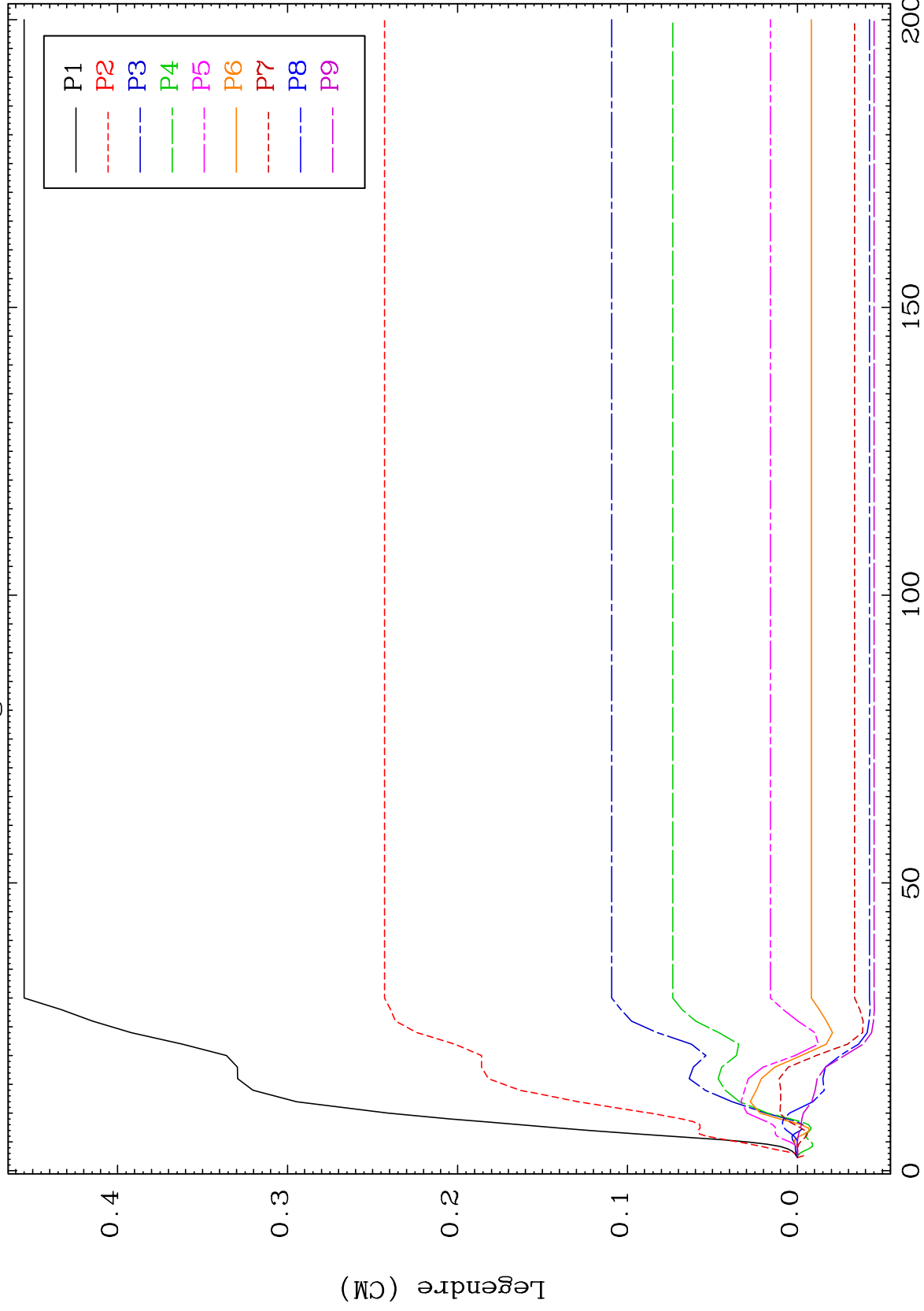




MAT 4437

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

44-Ru-100



76

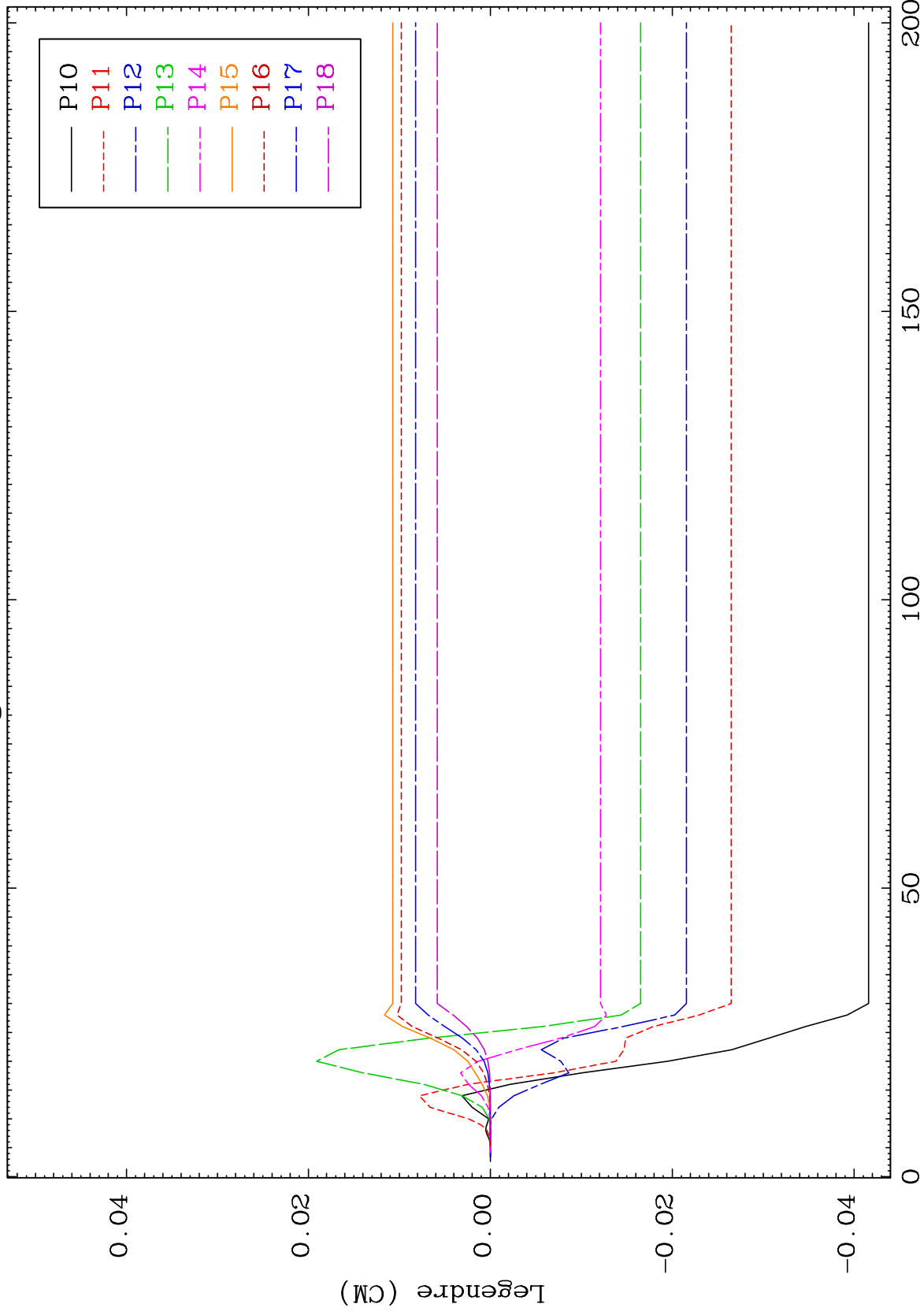
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



77

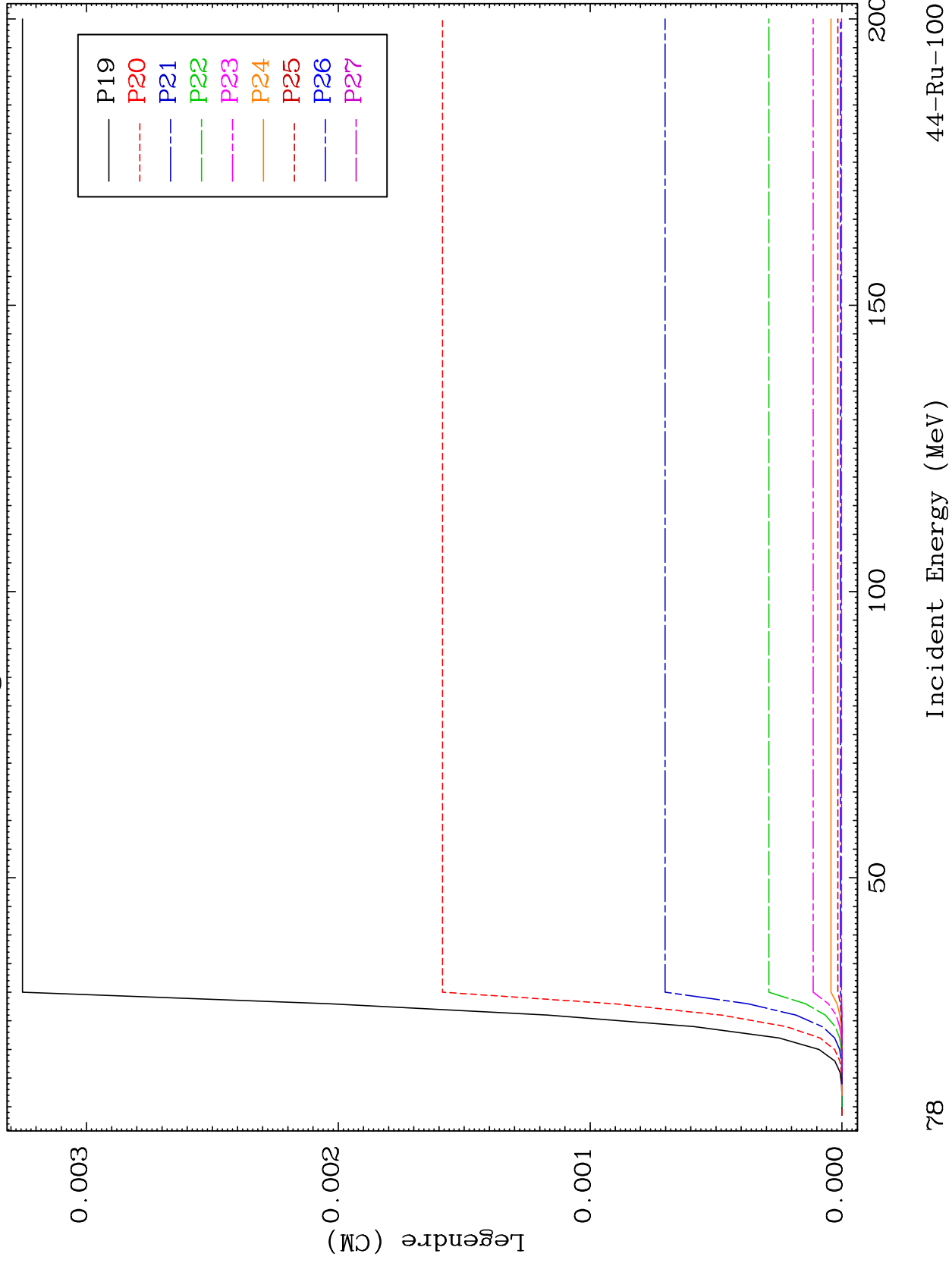
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



78

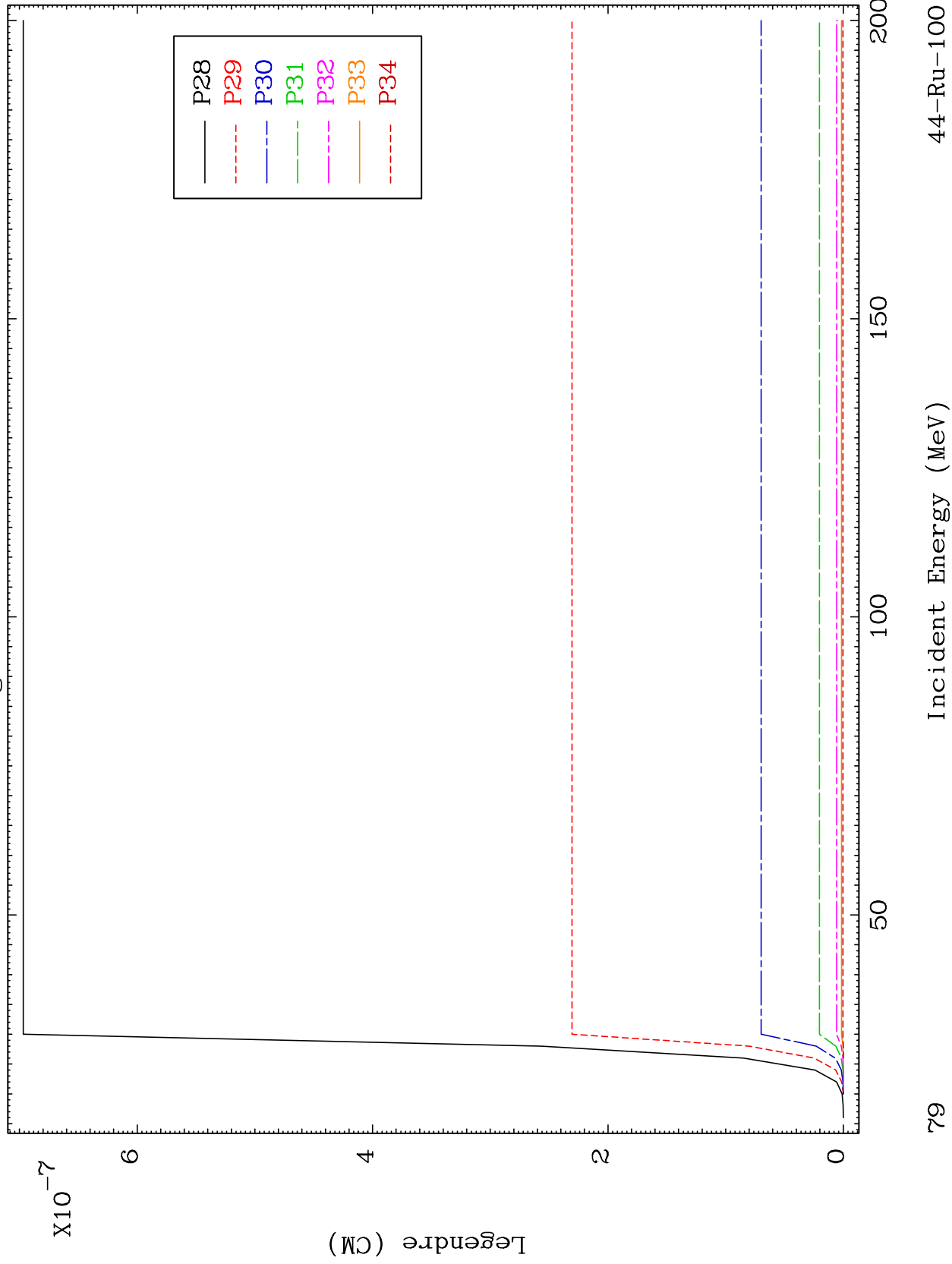
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



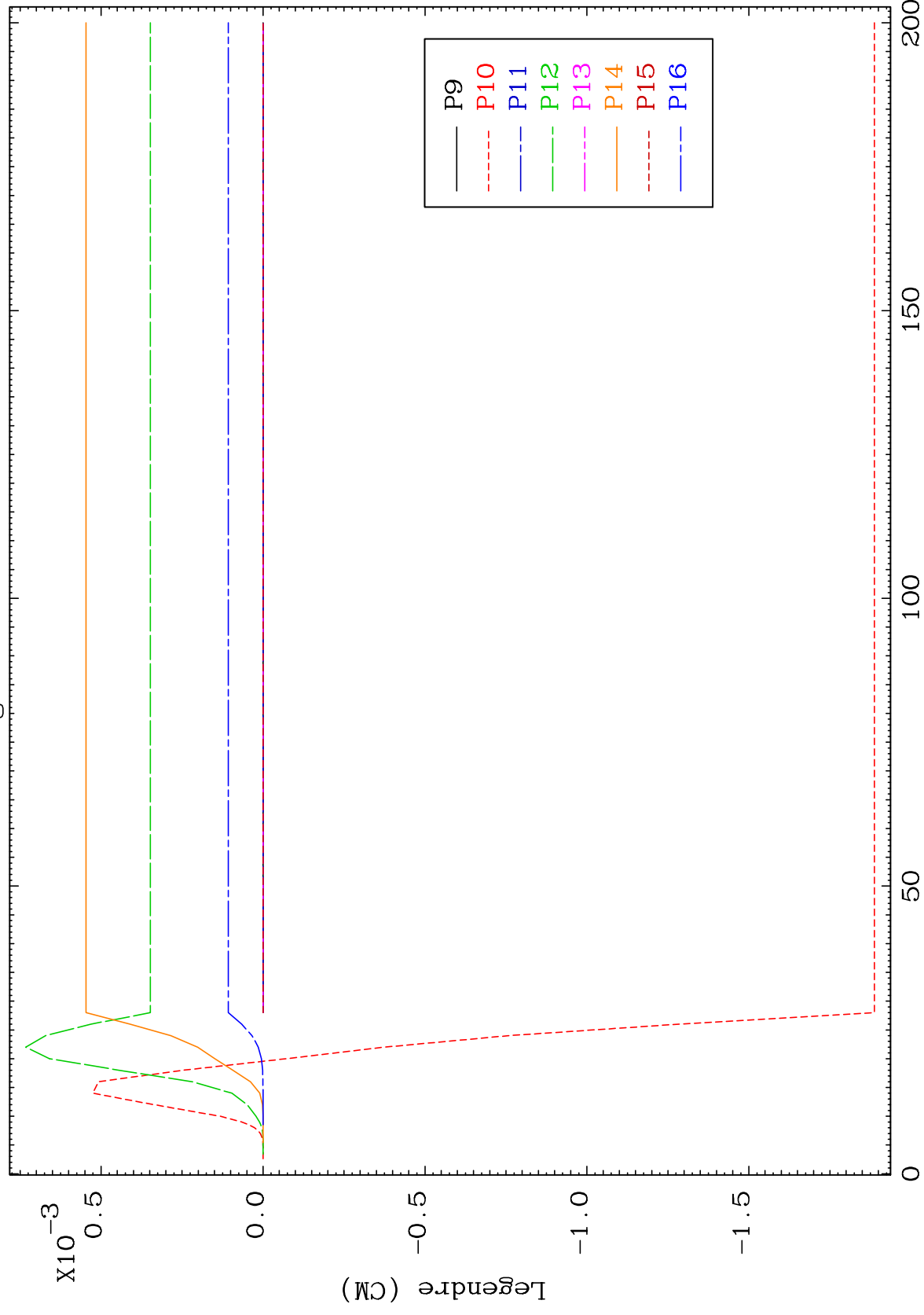
79



MAT 4437

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

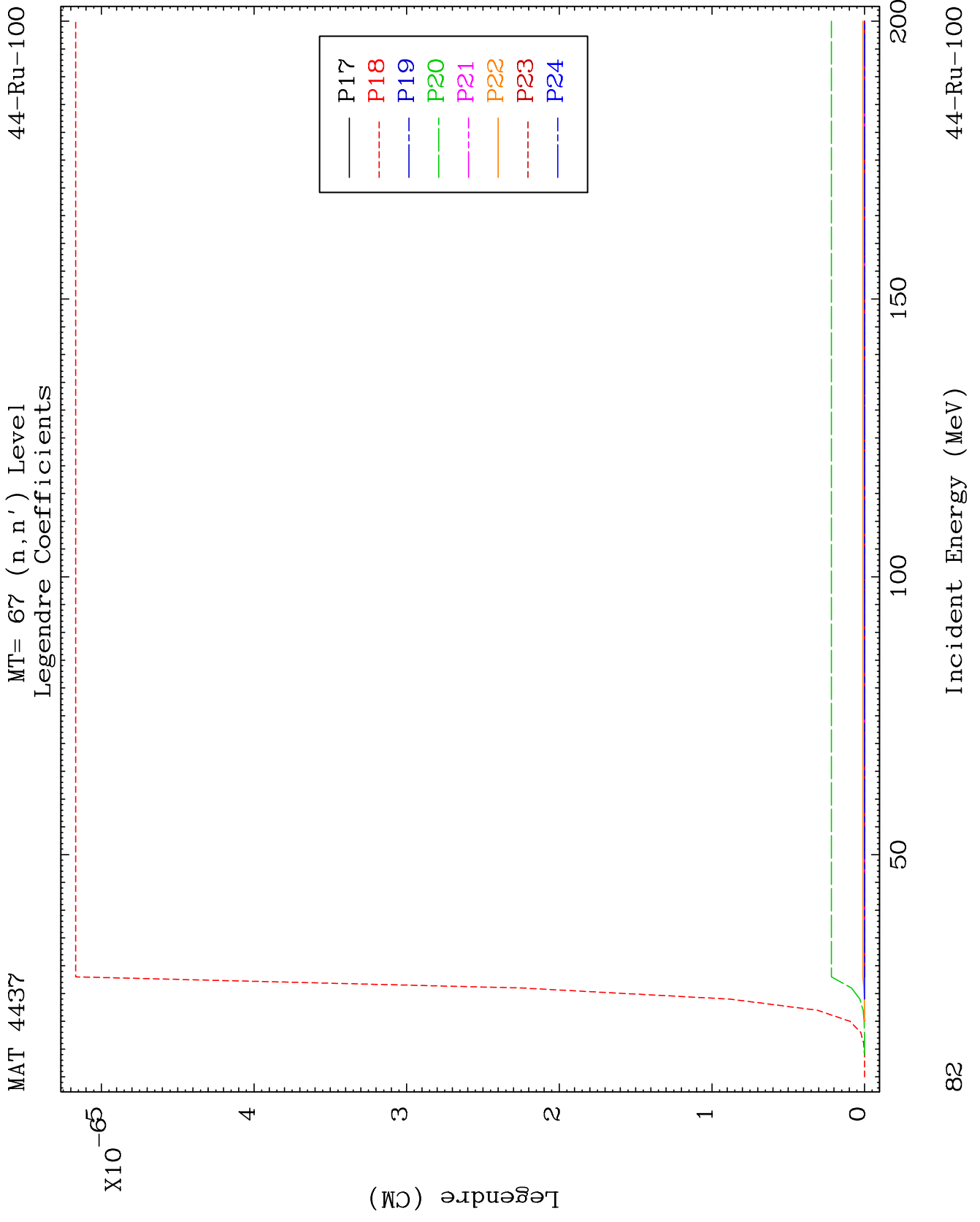
44-Ru-100



81

Incident Energy (MeV)

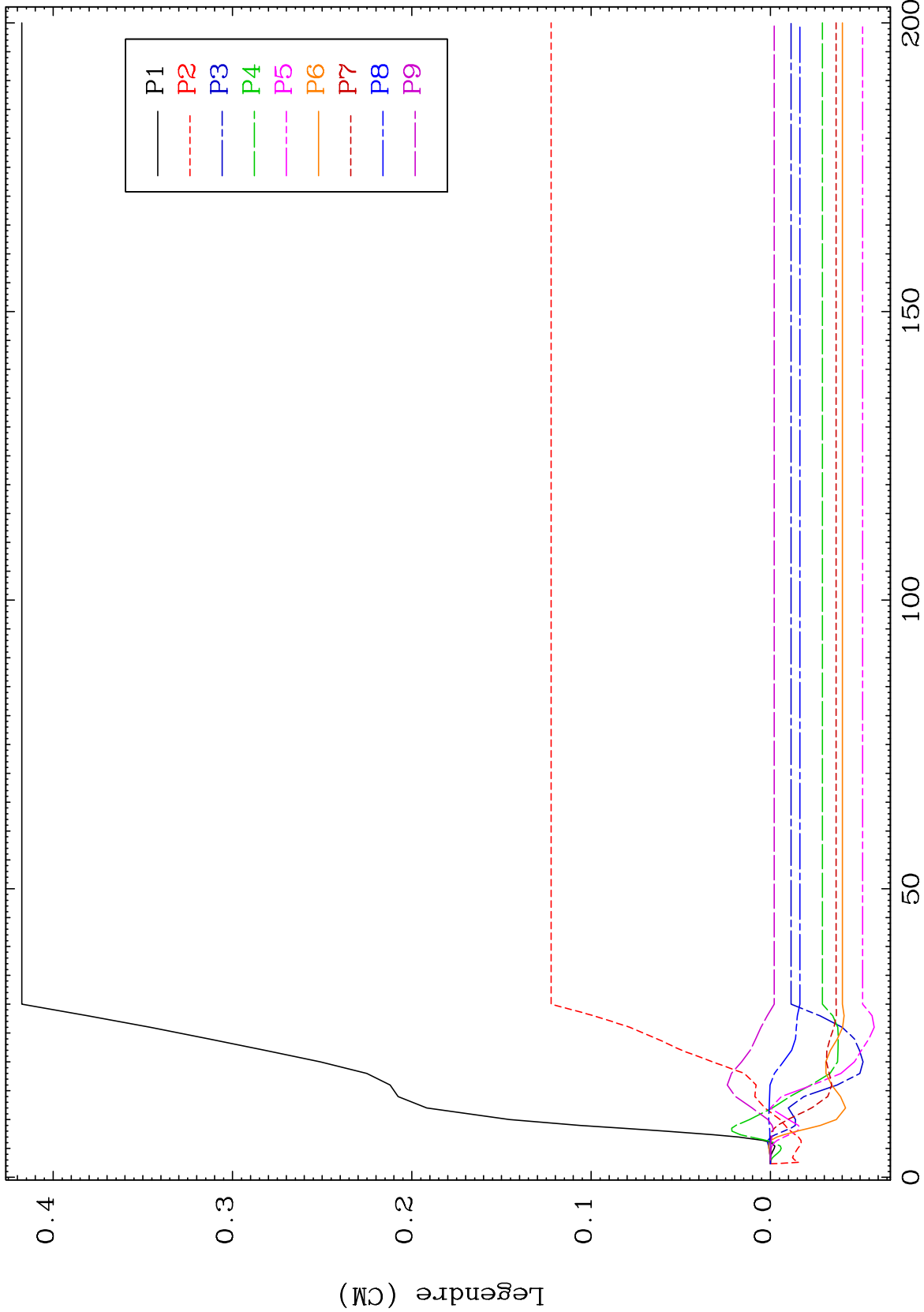
44-Ru-100



MAT 4437

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

44-Ru-100



83

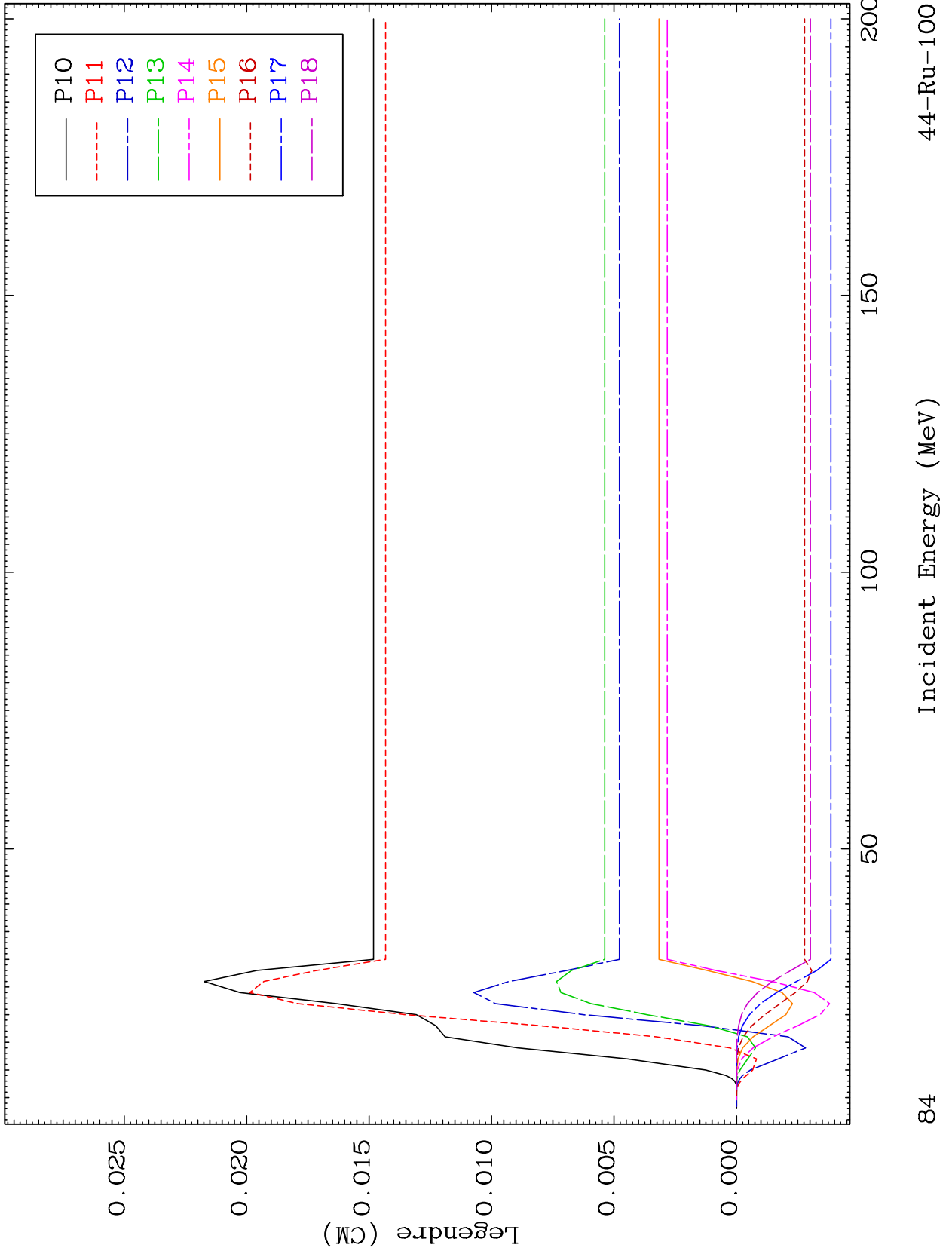
Incident Energy (MeV)

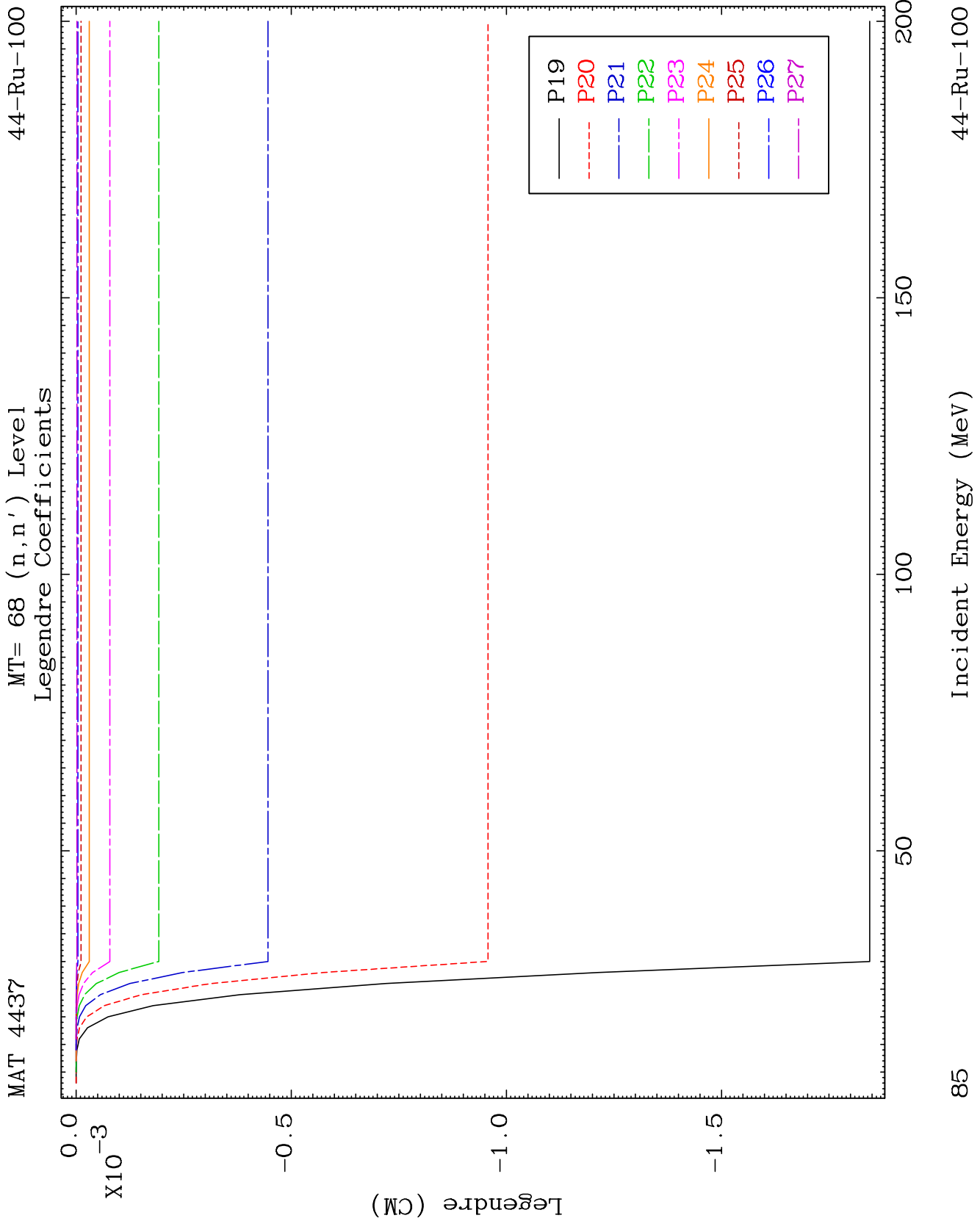
44-Ru-100

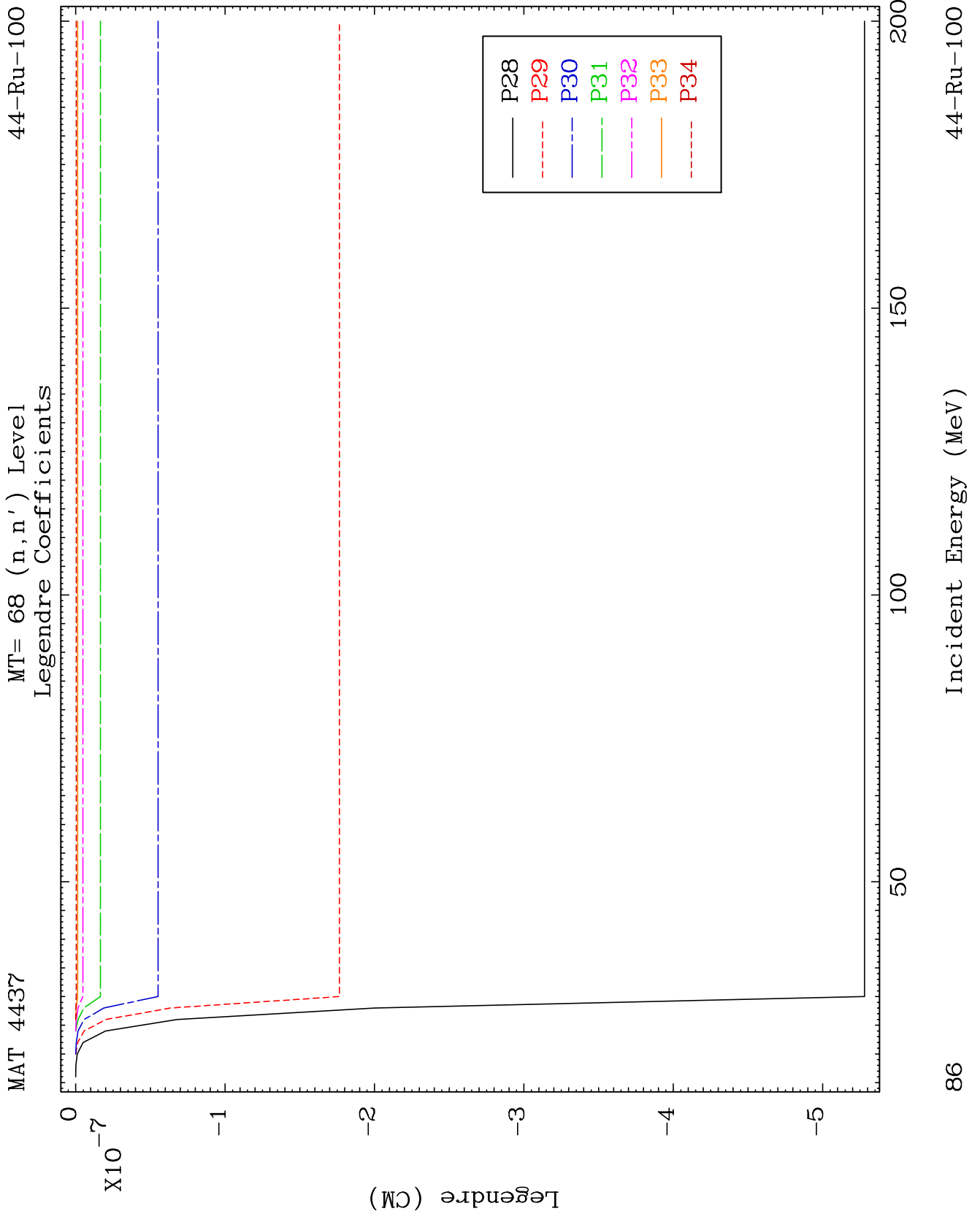
MAT 4437

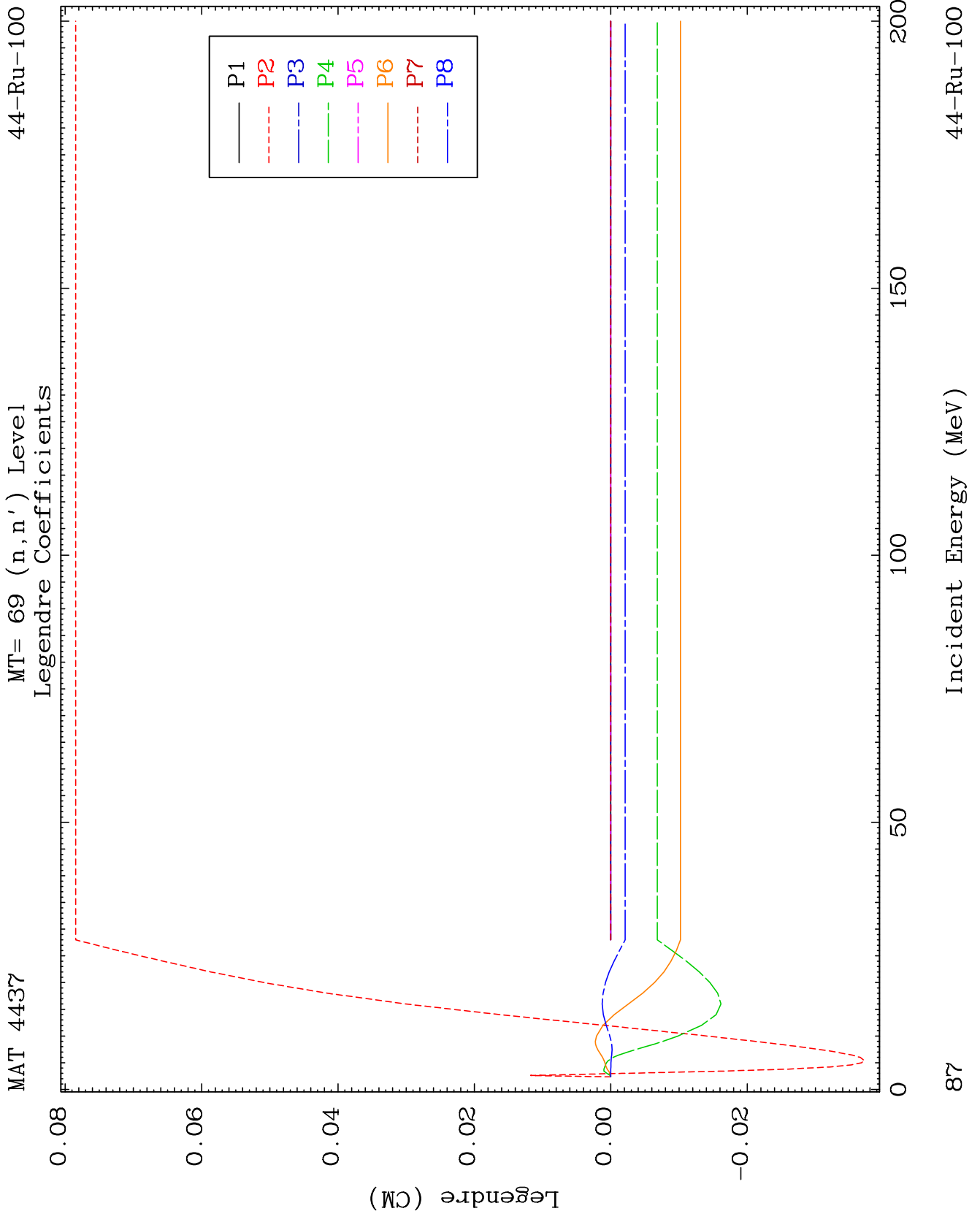
MT= 68 (n,n') Level  
Legendre Coefficients

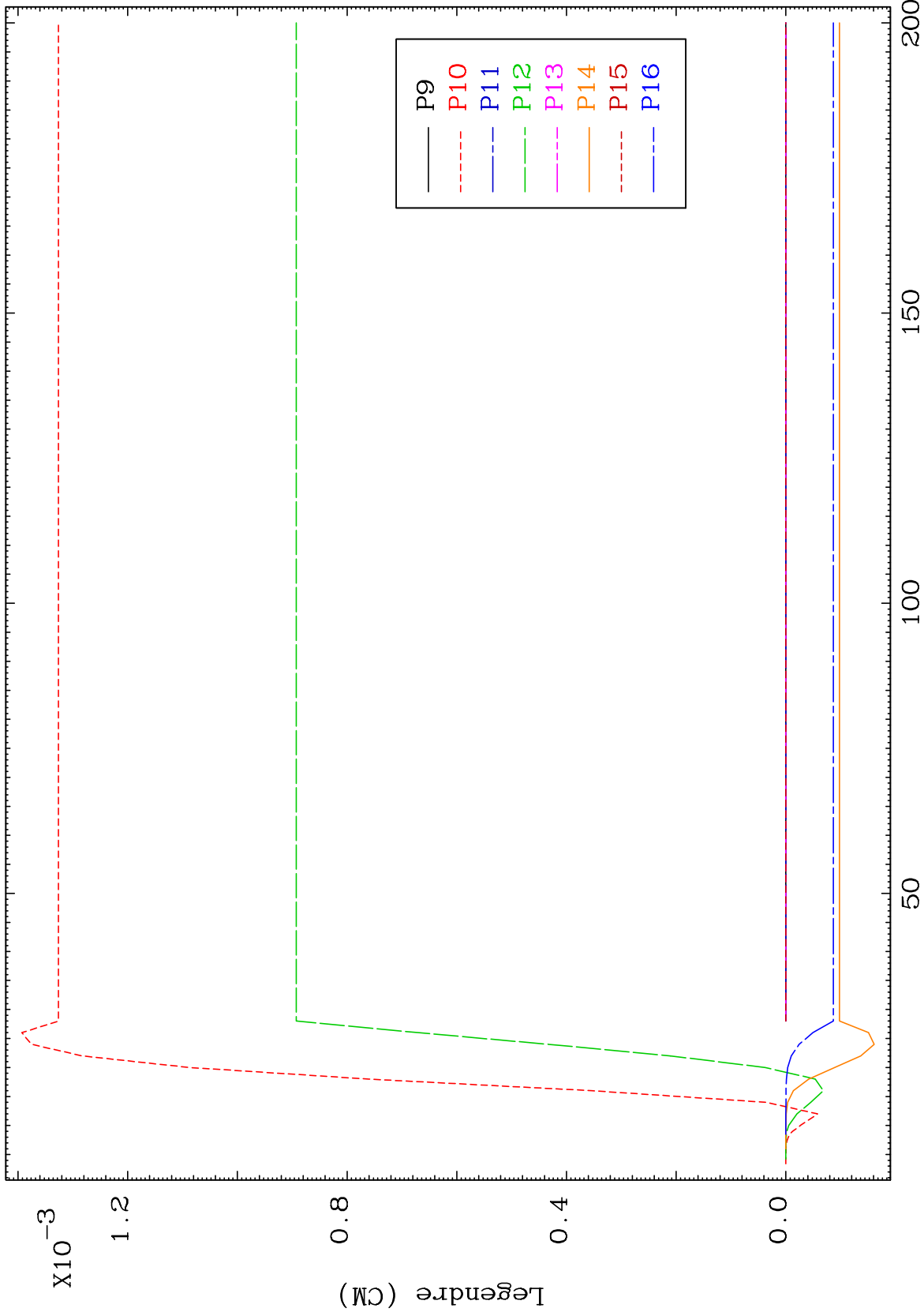
44-Ru-100







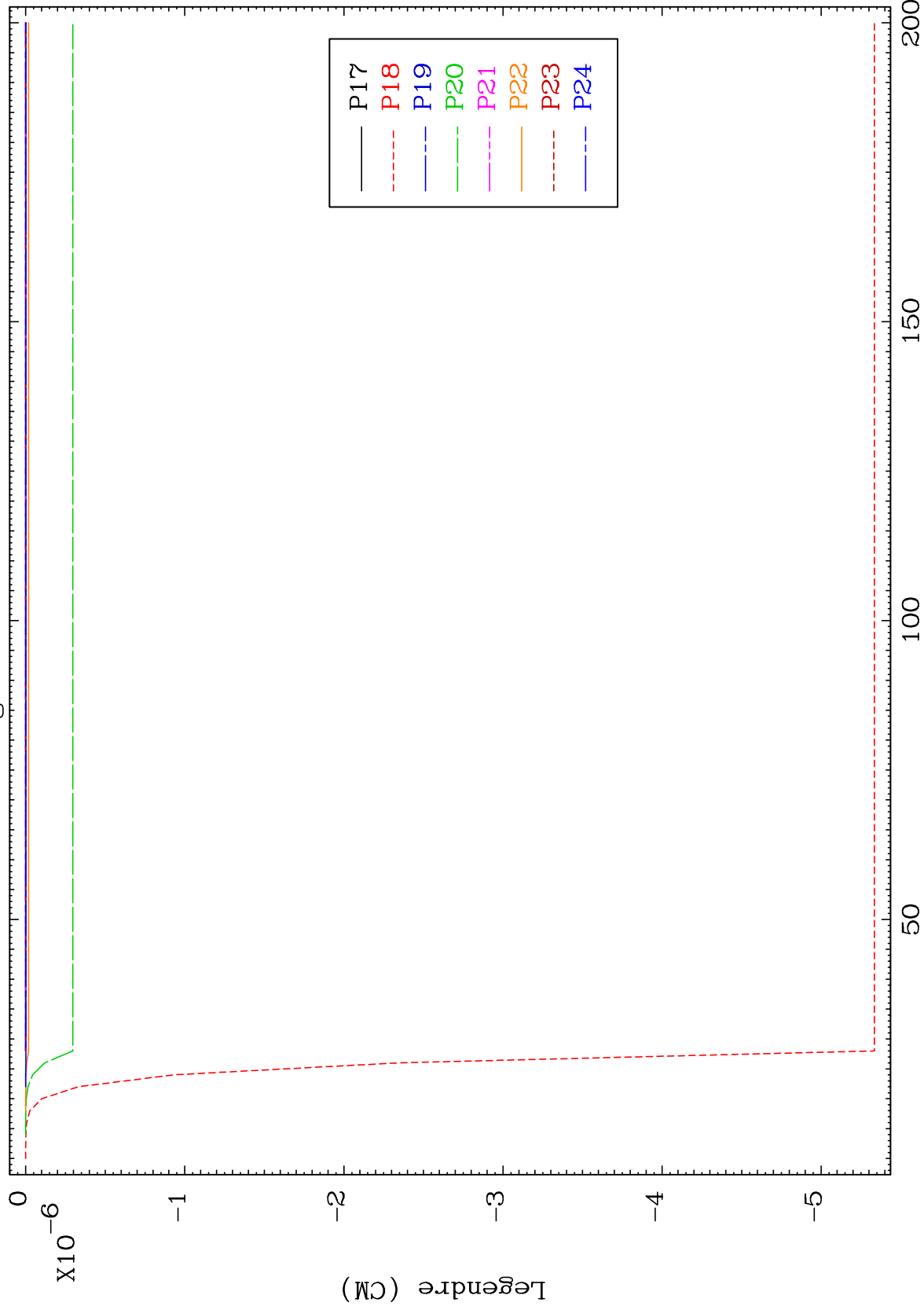




MAT 4437

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

44-Ru-100



89

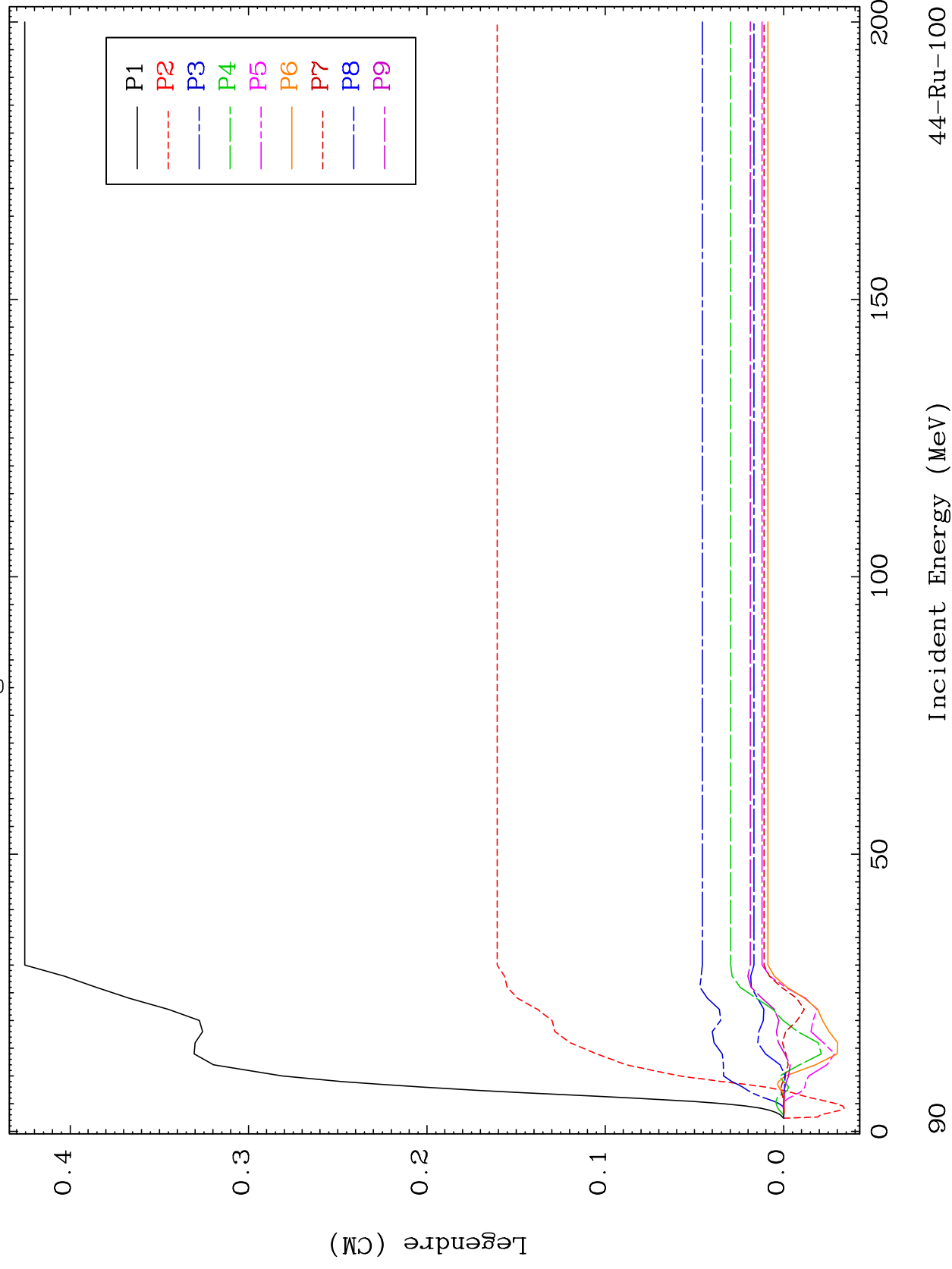
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

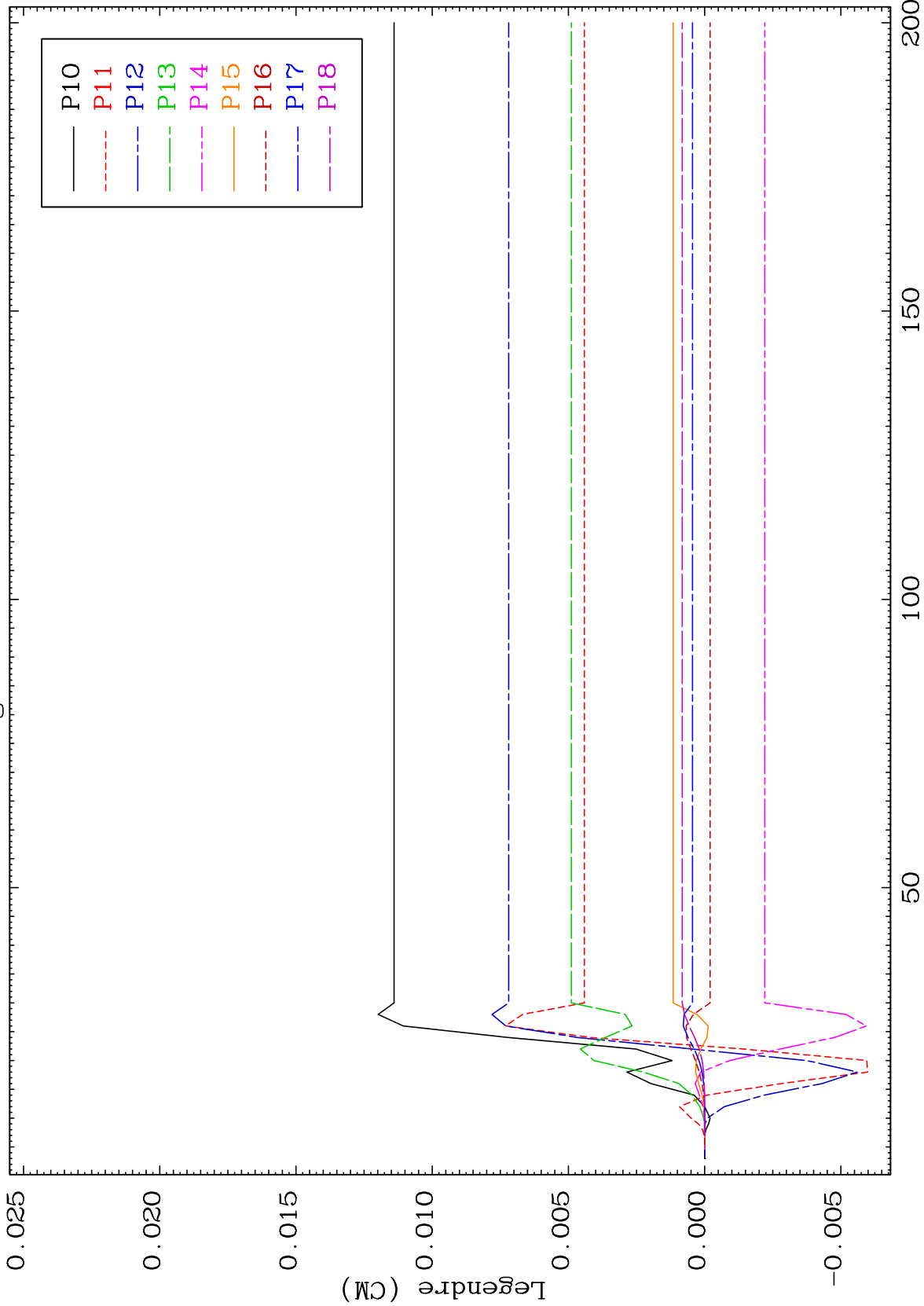
44-Ru-100



MAT 4437

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

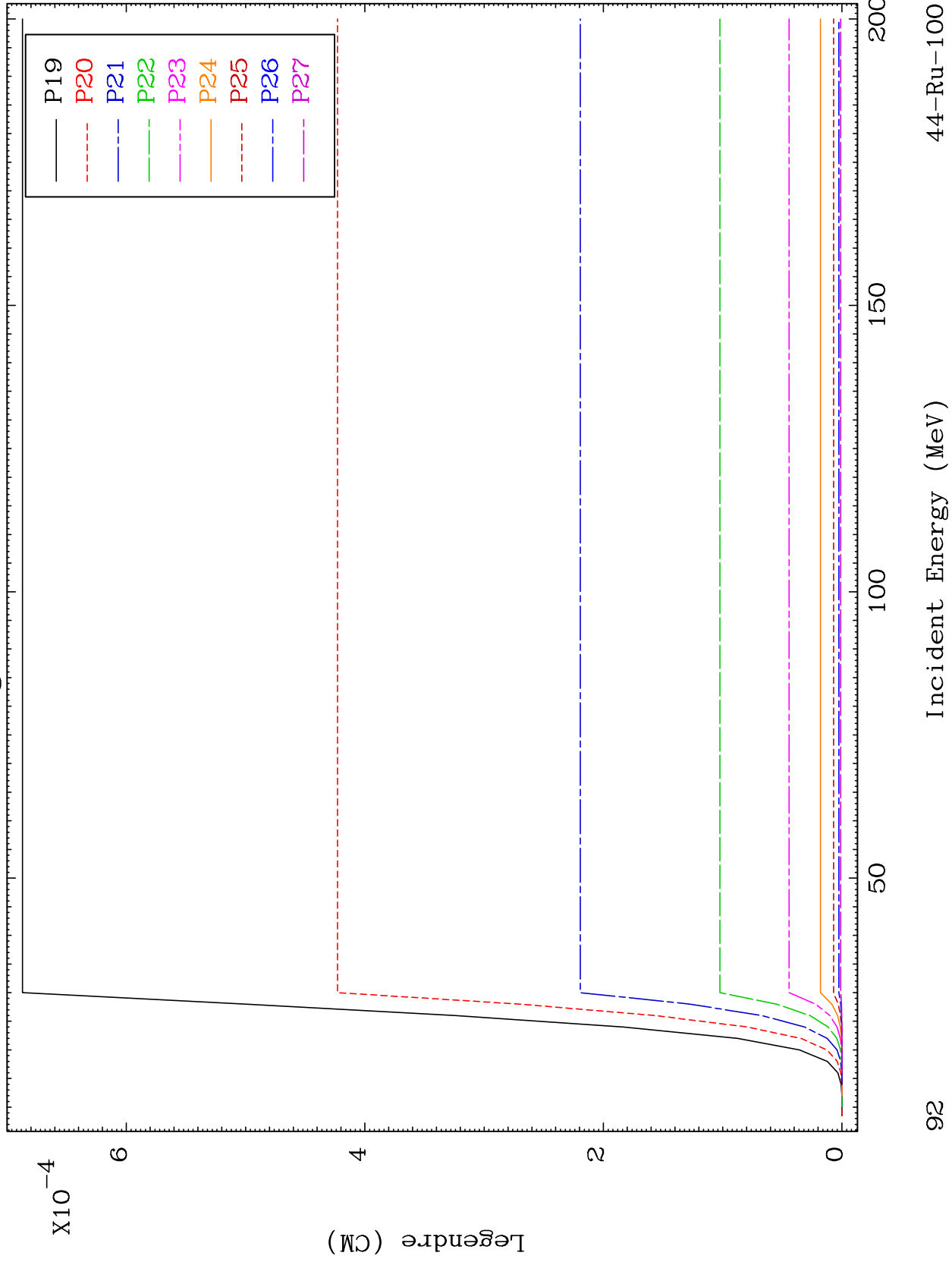
44-Ru-100



MAT 4437

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

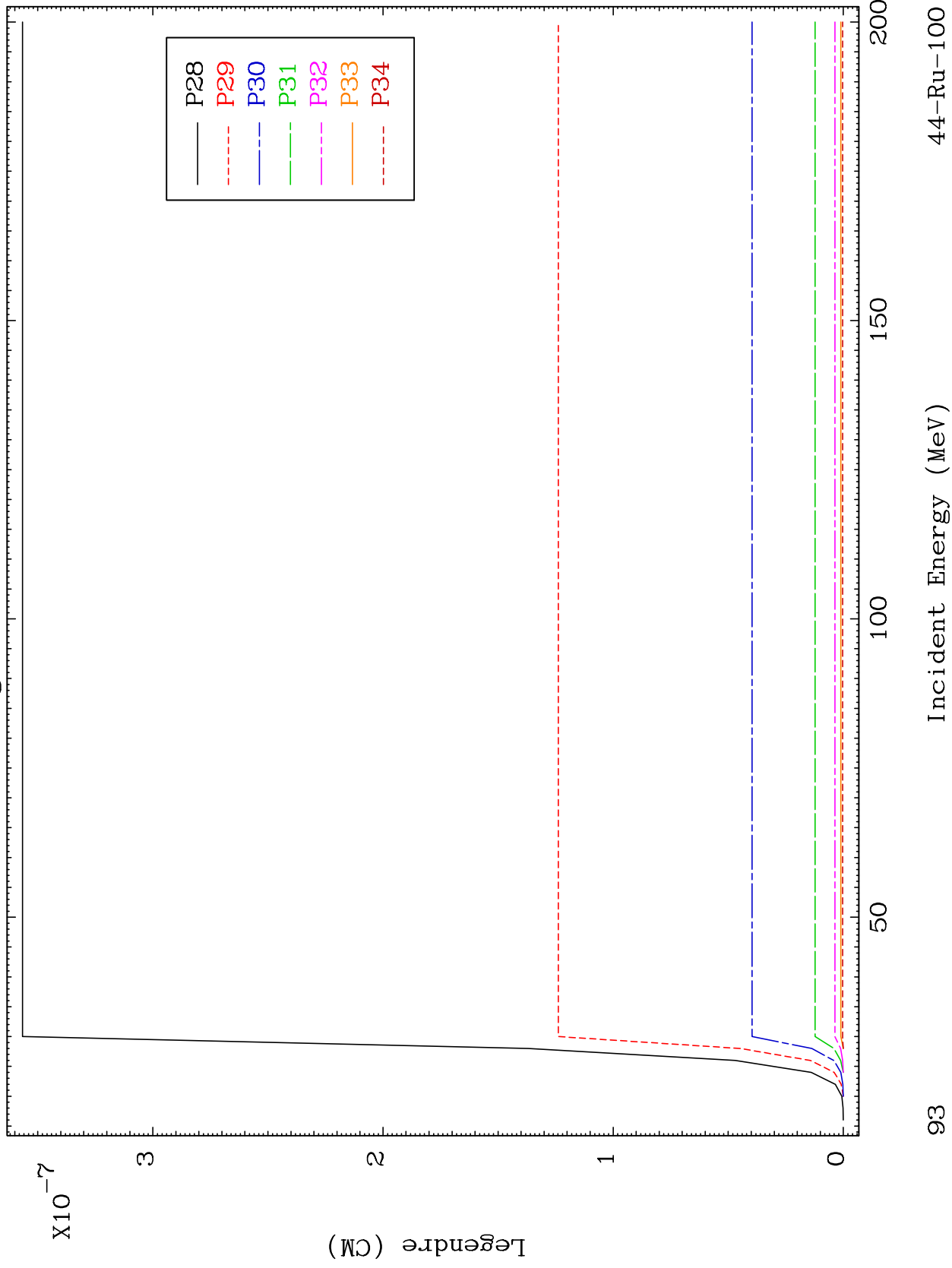
44-Ru-100



MAT 4437

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

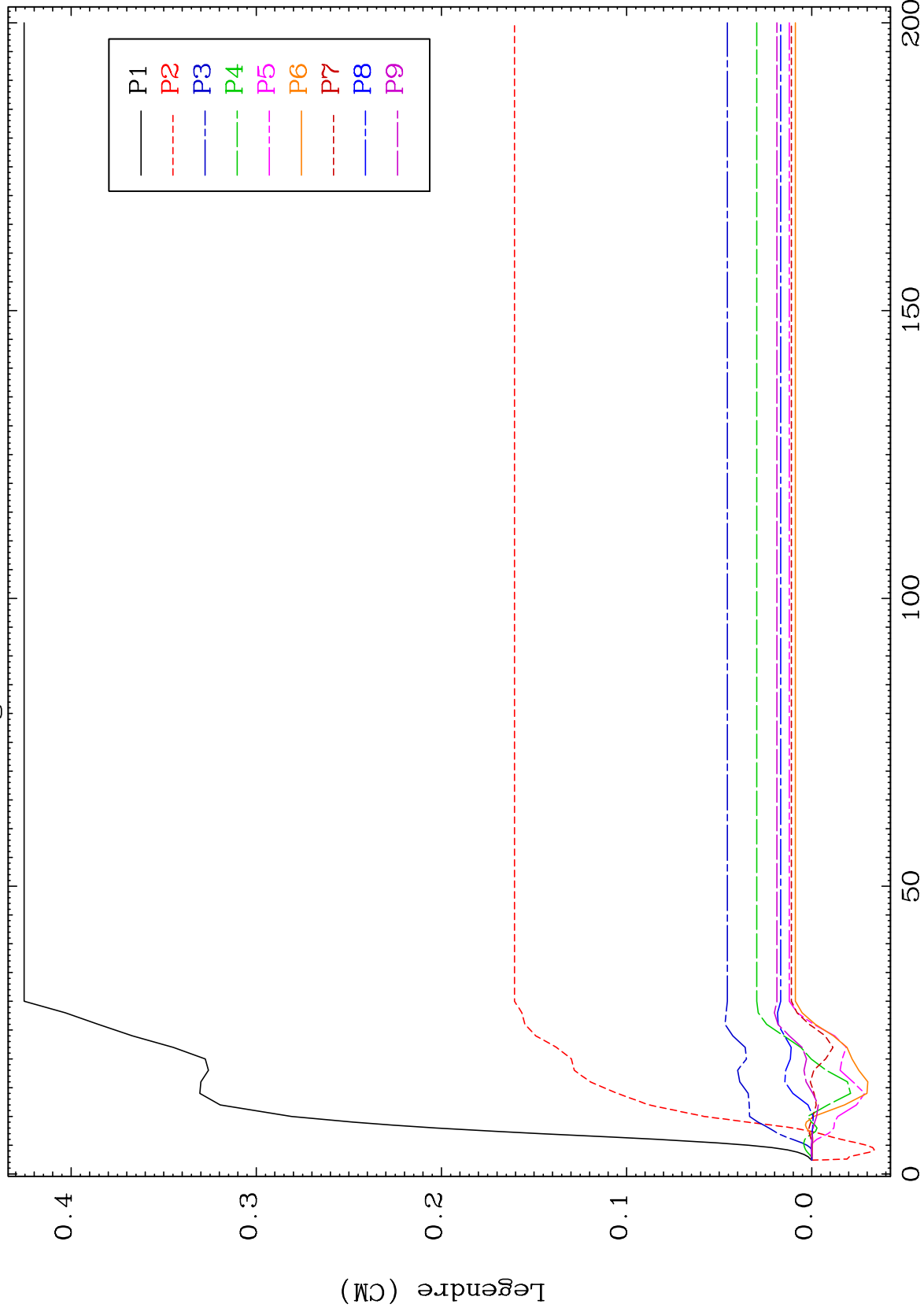
44-Ru-100



MAT 4437

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

44-Ru-100



94

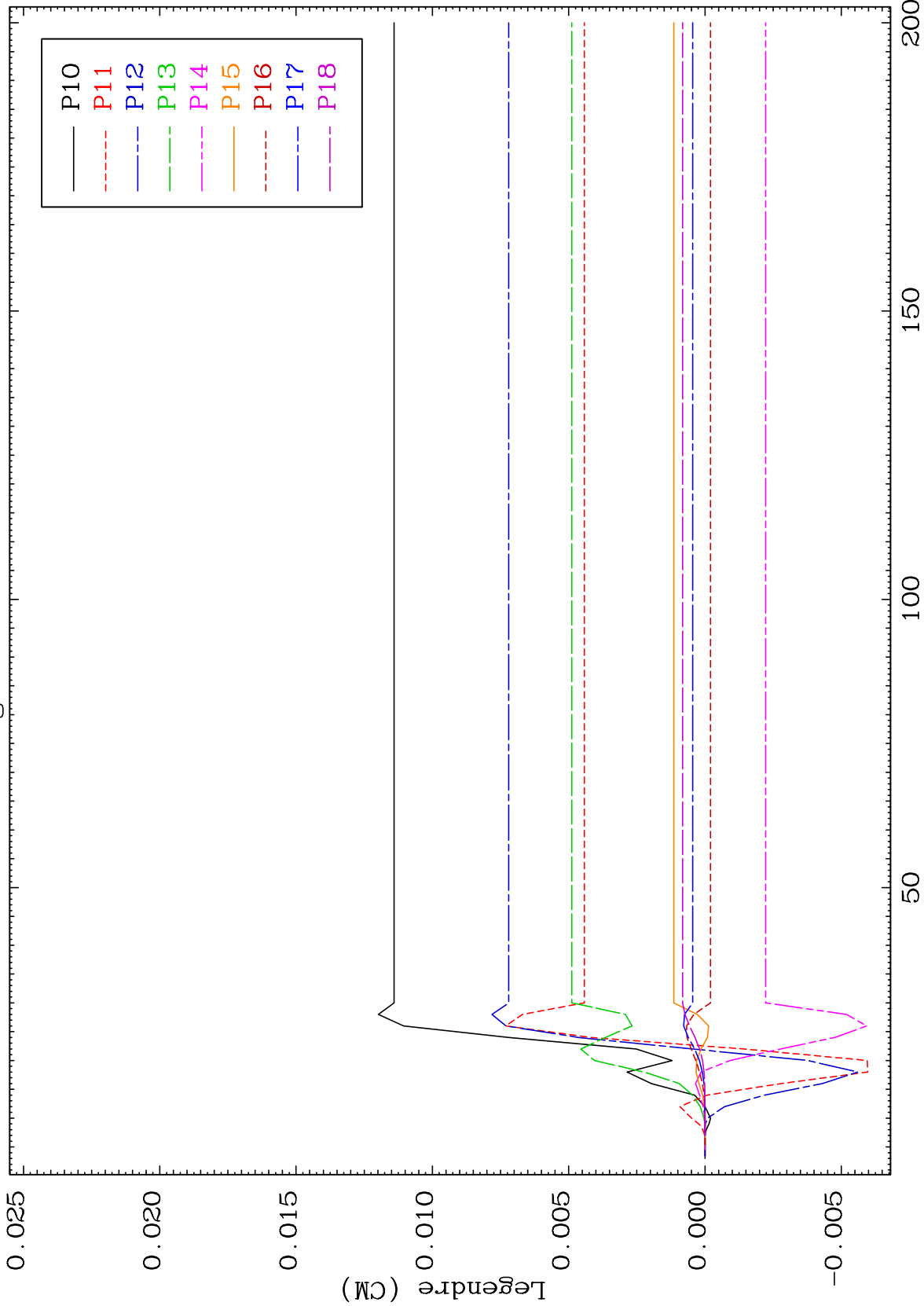
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



95

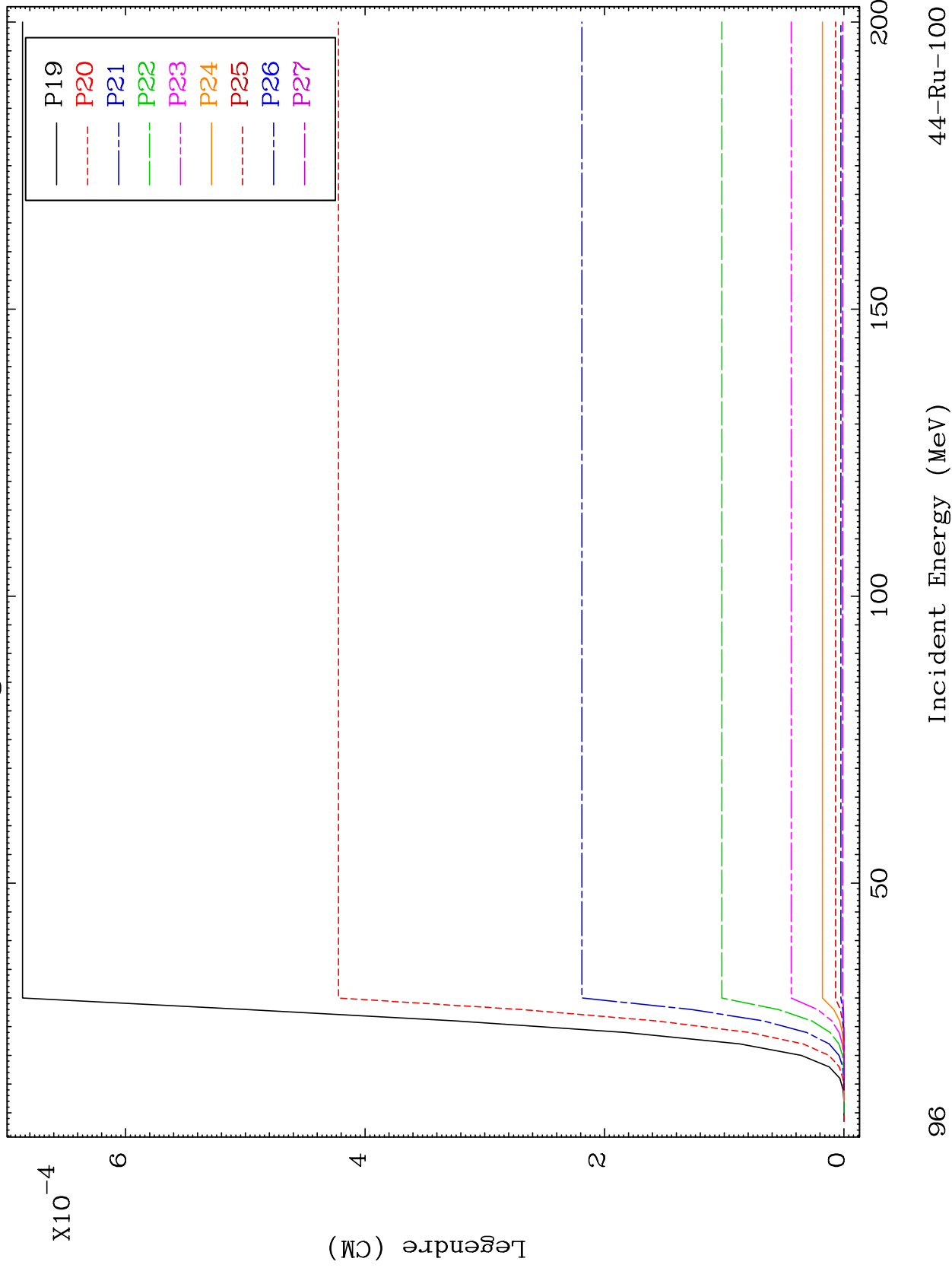
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



96

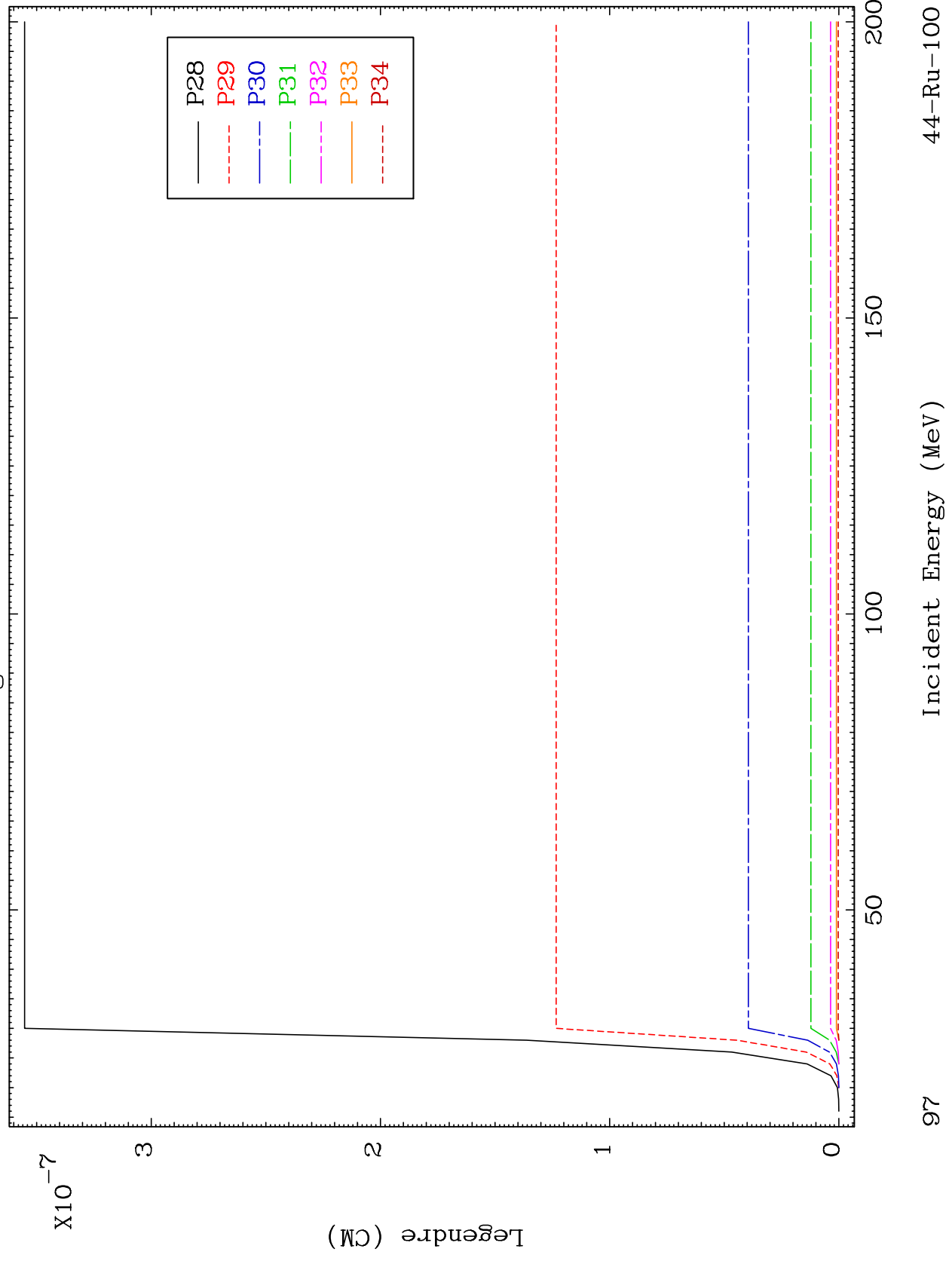
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

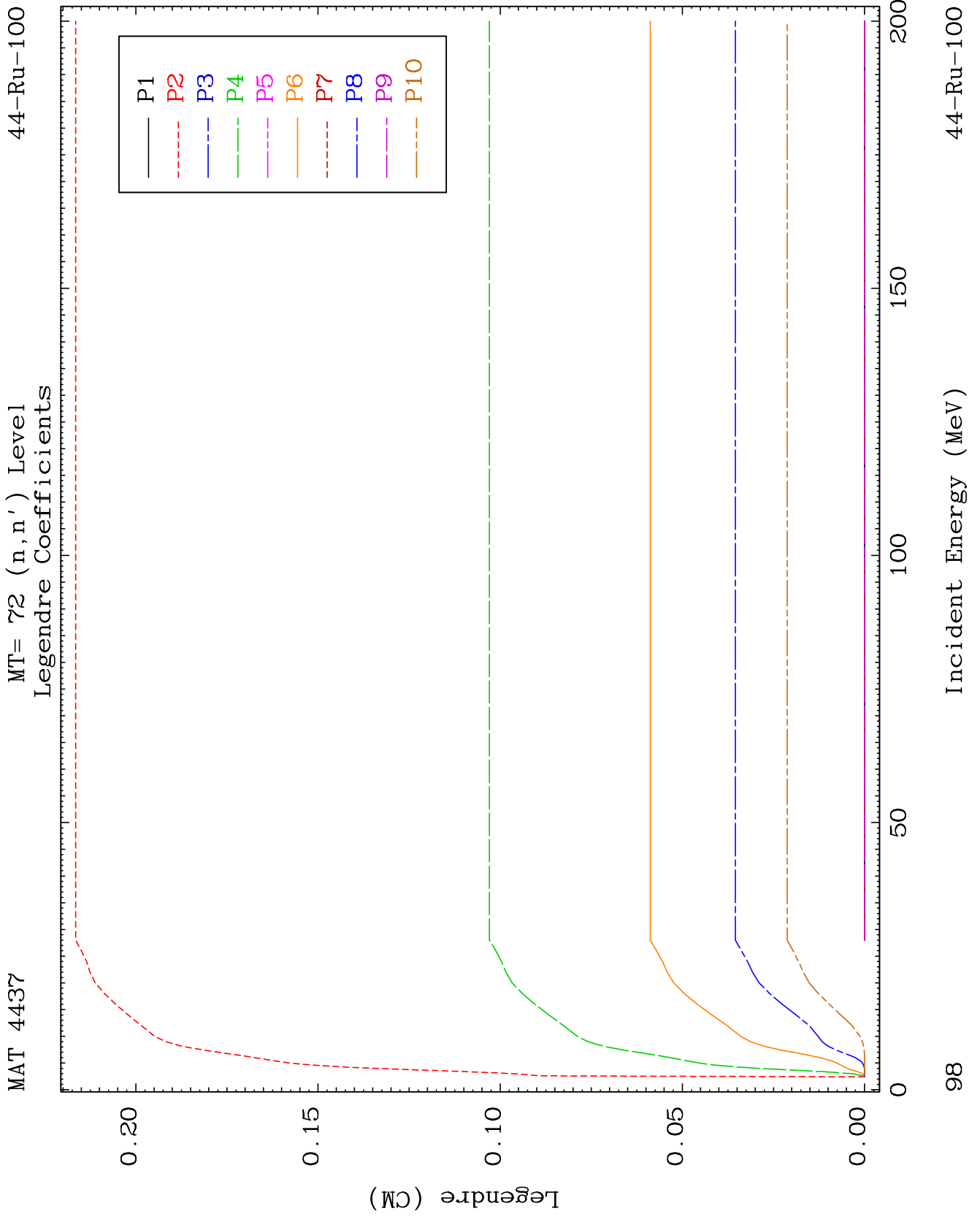
44-Ru-100



97

Incident Energy (MeV)

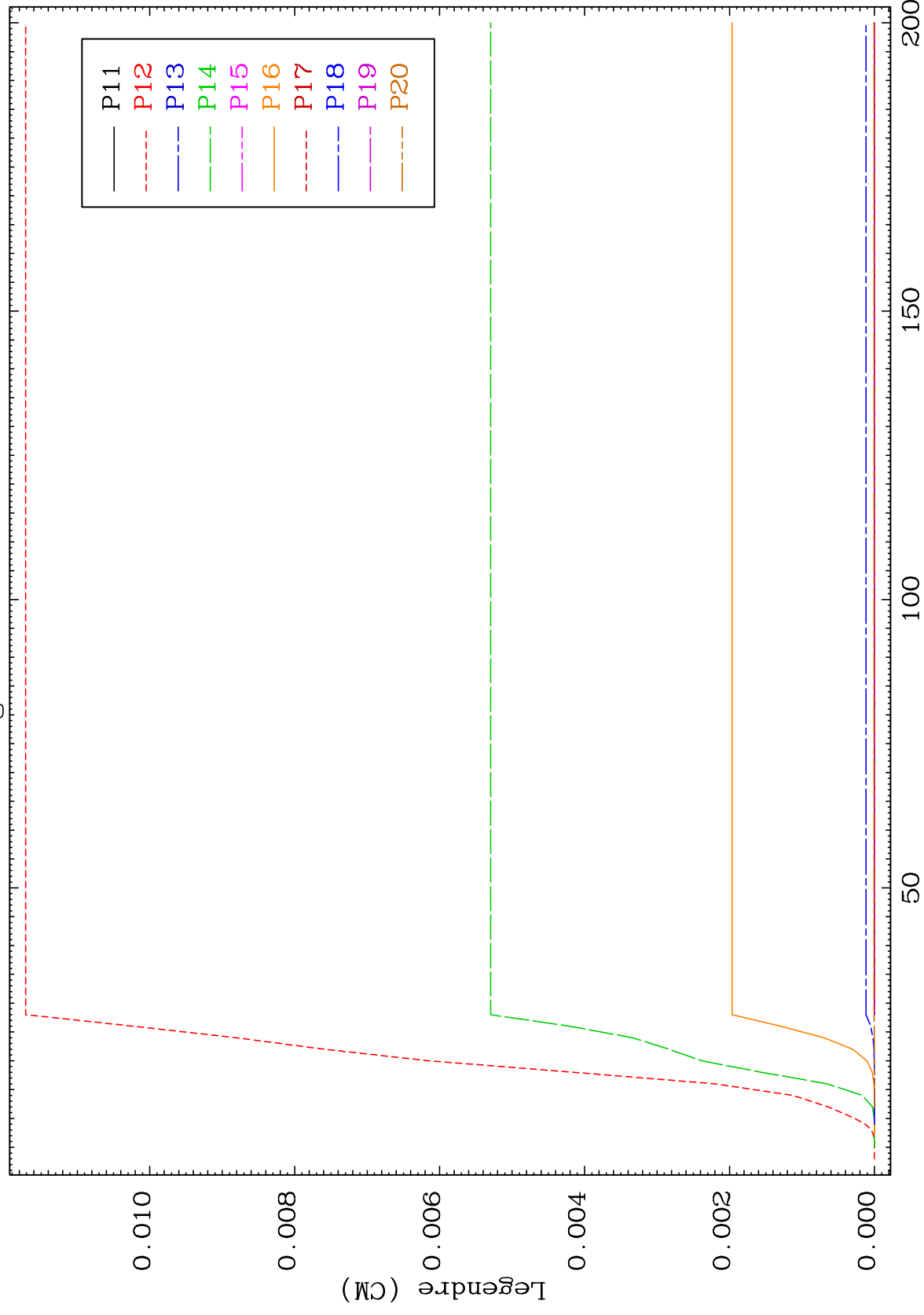
44-Ru-100



MAT 4437

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

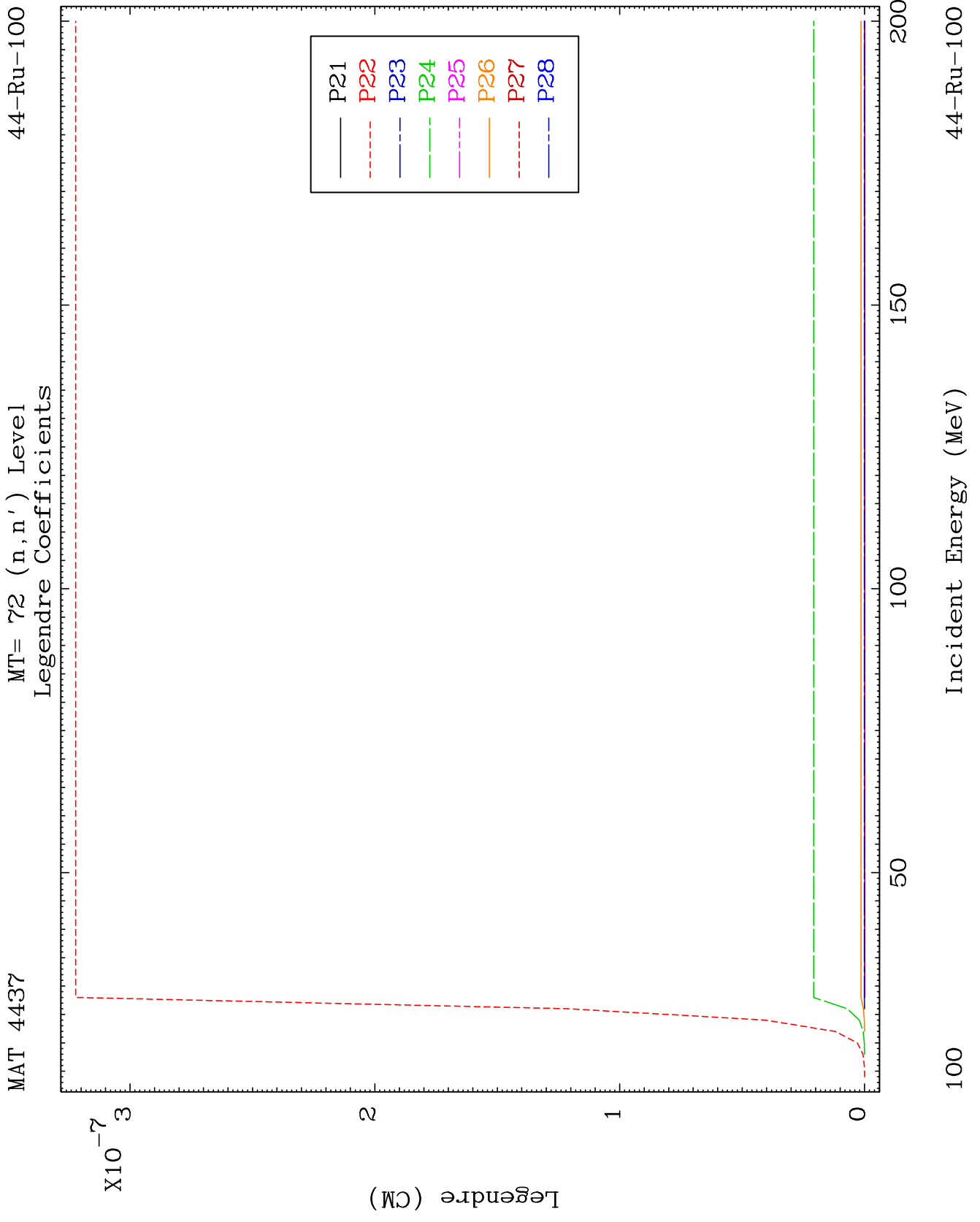
44-Ru-100



99

Incident Energy (MeV)

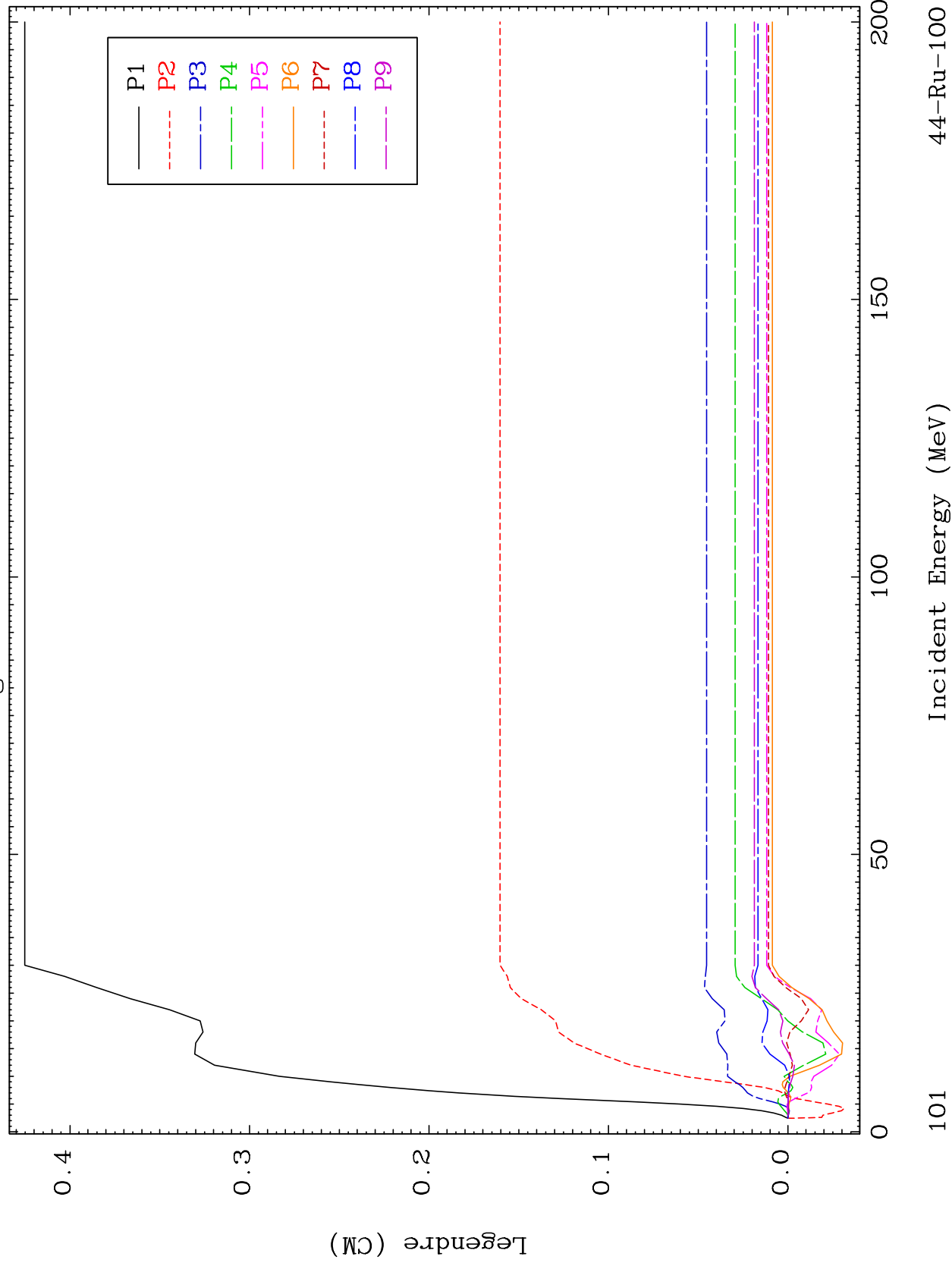
44-Ru-100



MAT 4437

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

44-Ru-100



44-Ru-100

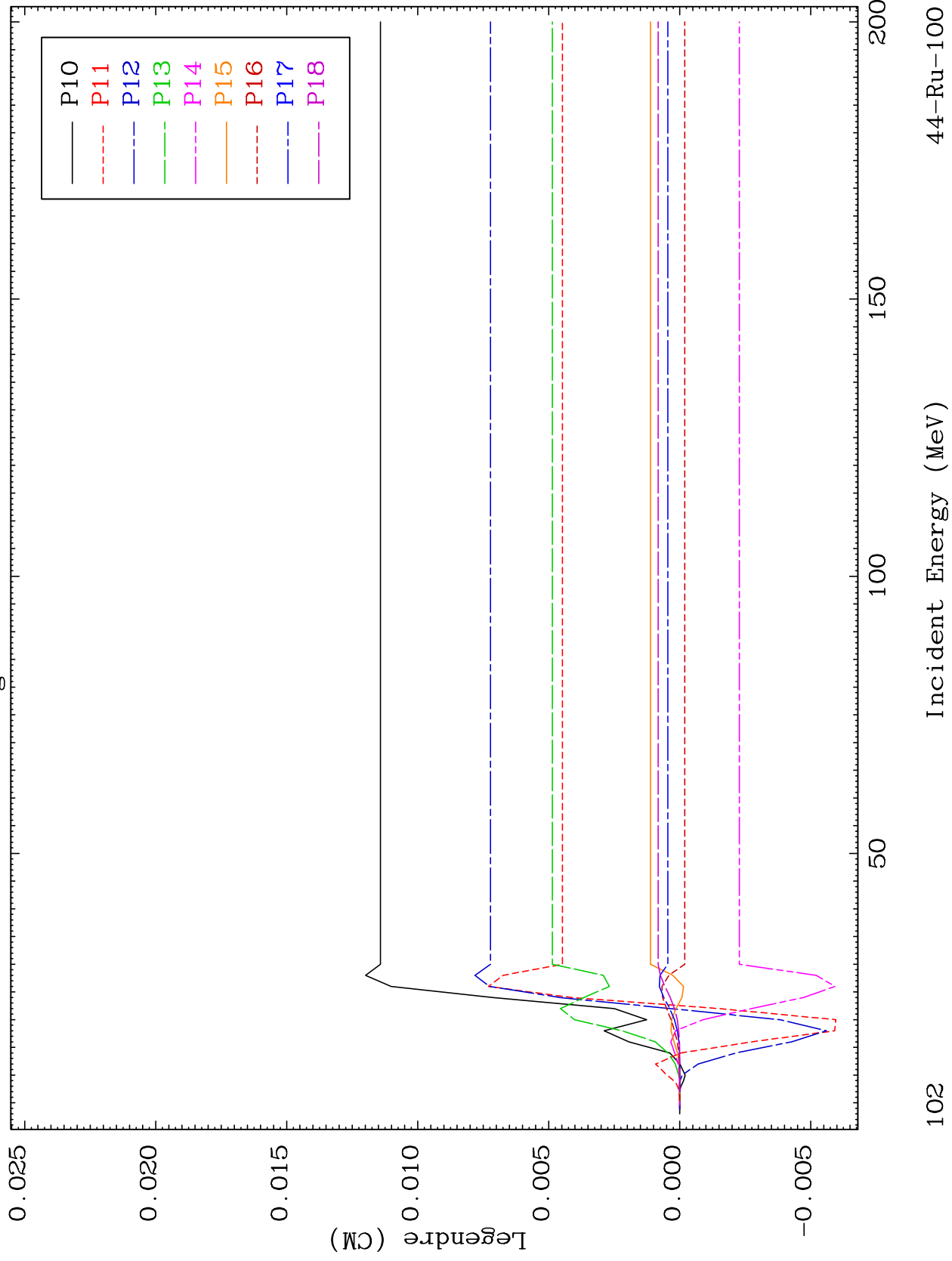
Incident Energy (MeV)

101

MAT 4437

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

44-Ru-100

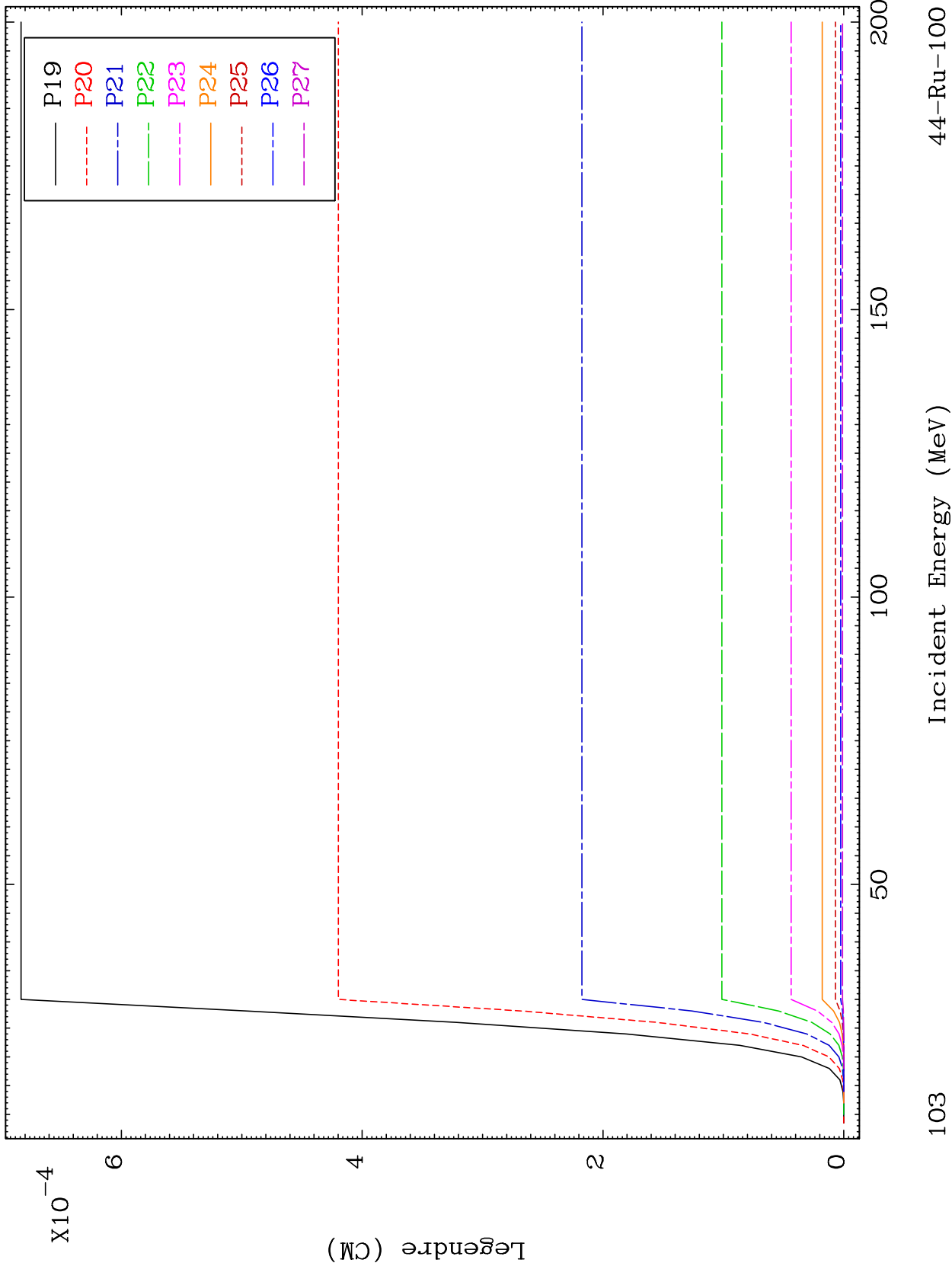


102

MAT 4437

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

44-Ru-100

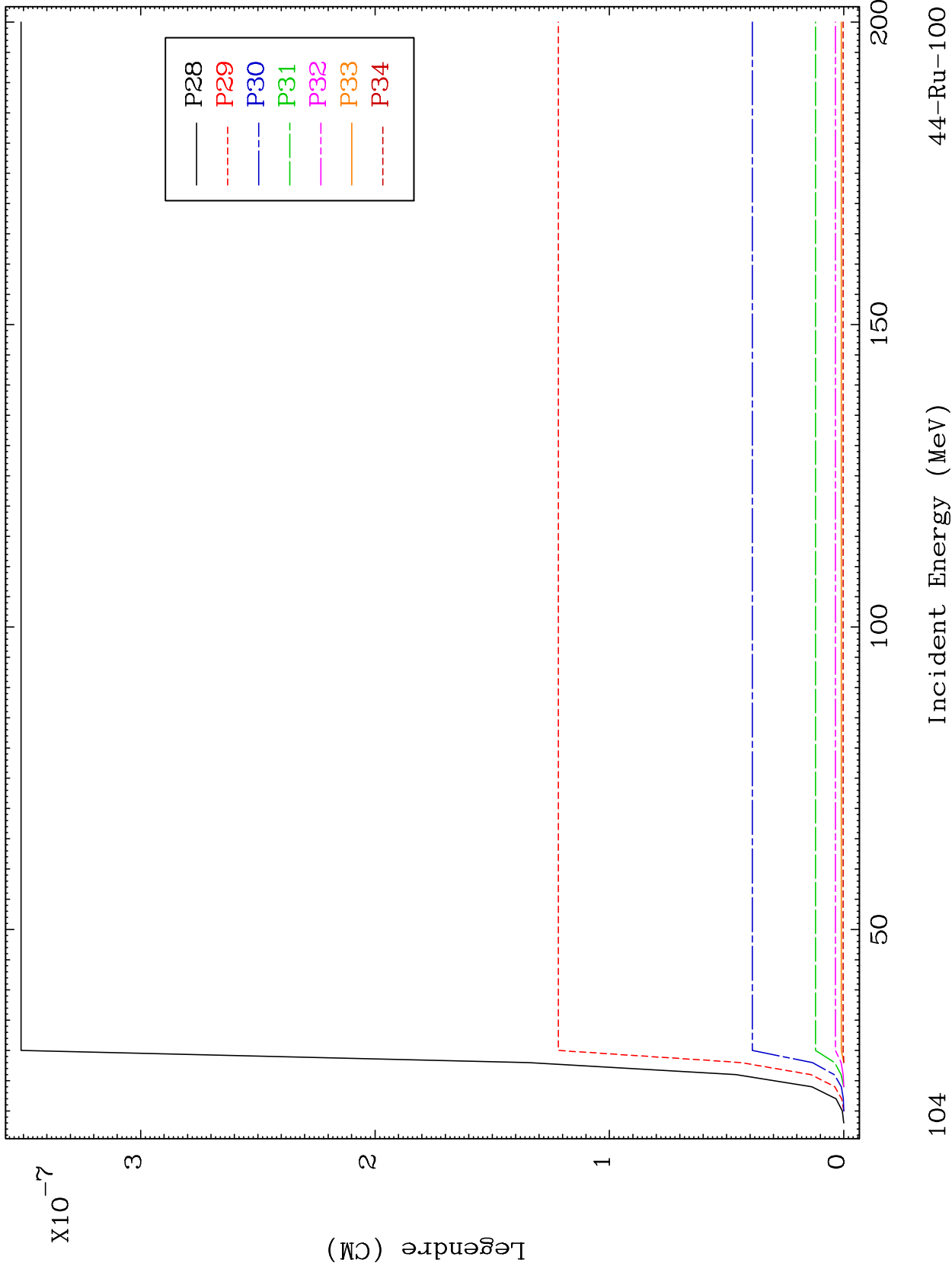


103

MAT 4437

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

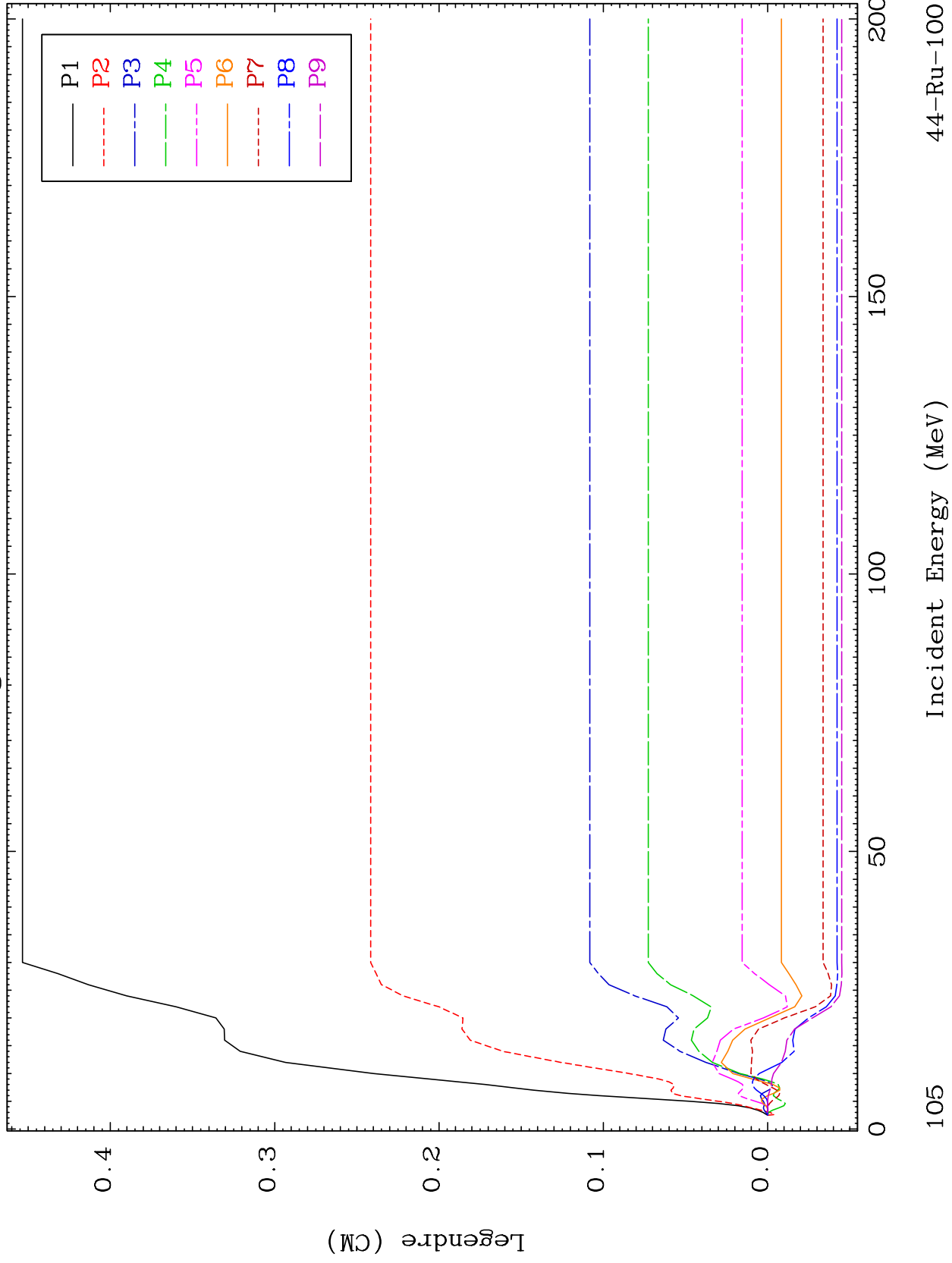
44-Ru-100



MAT 4437

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

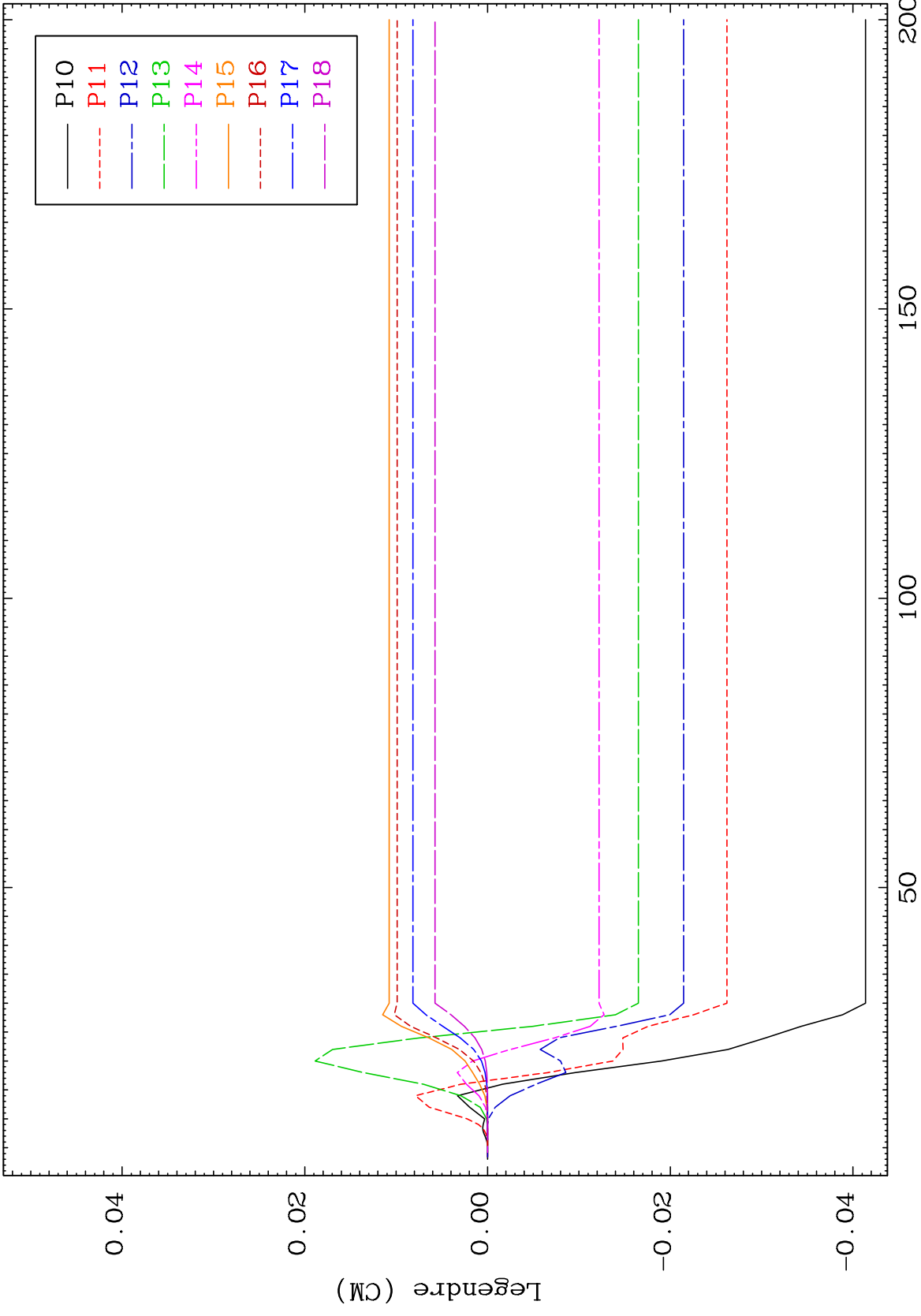
44-Ru-100



MAT 4437

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

44-Ru-100



106

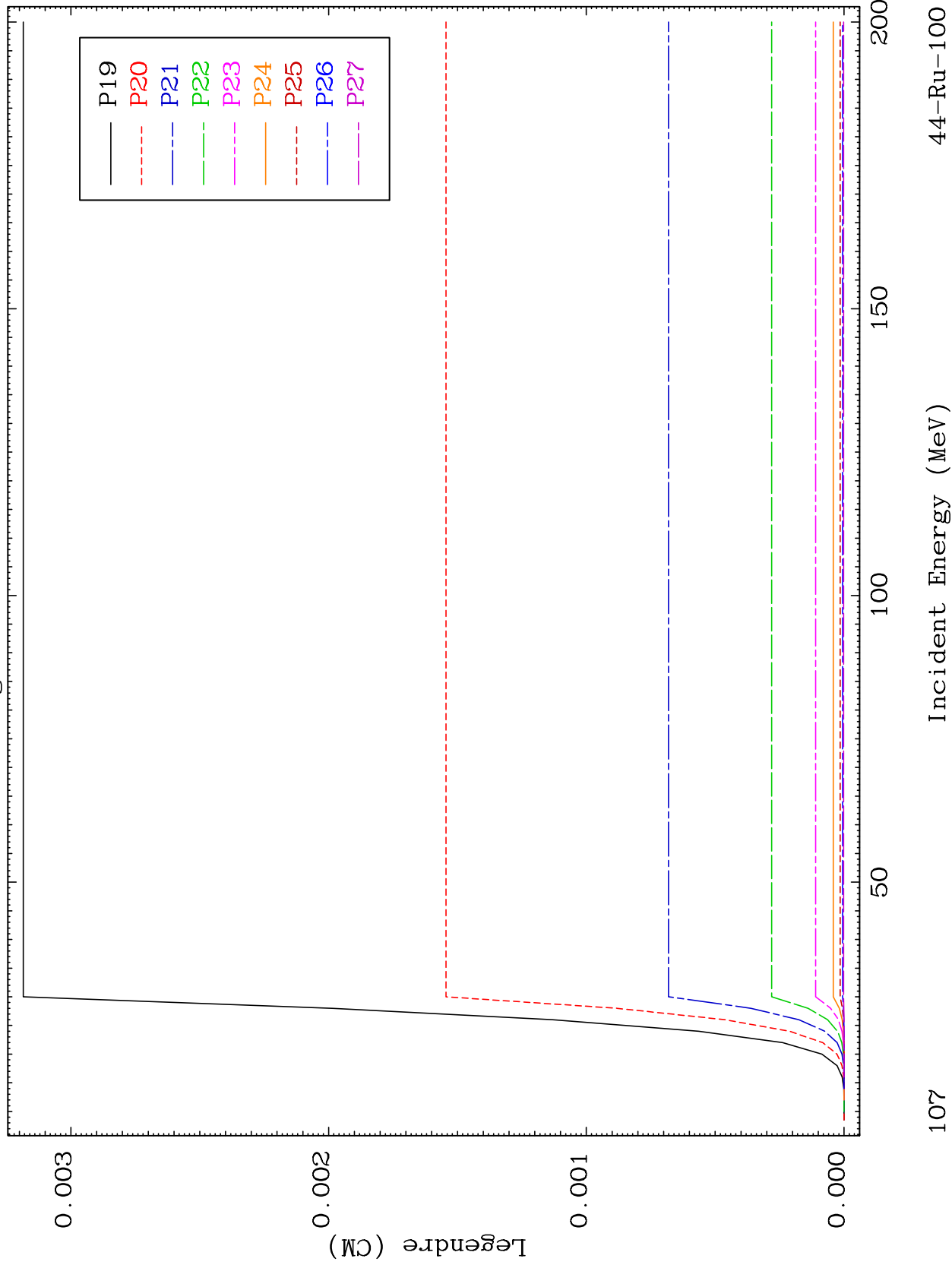
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



107

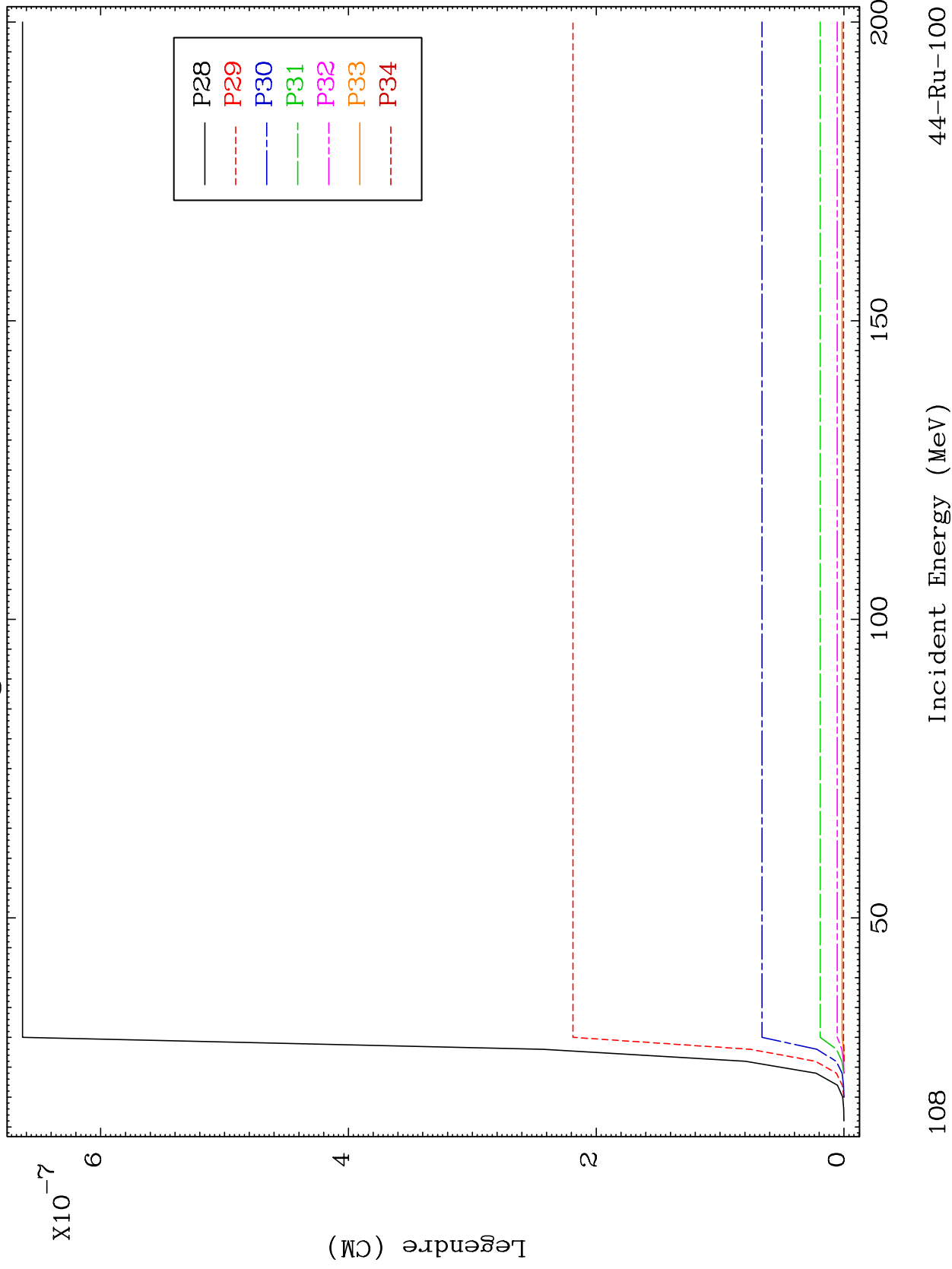
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

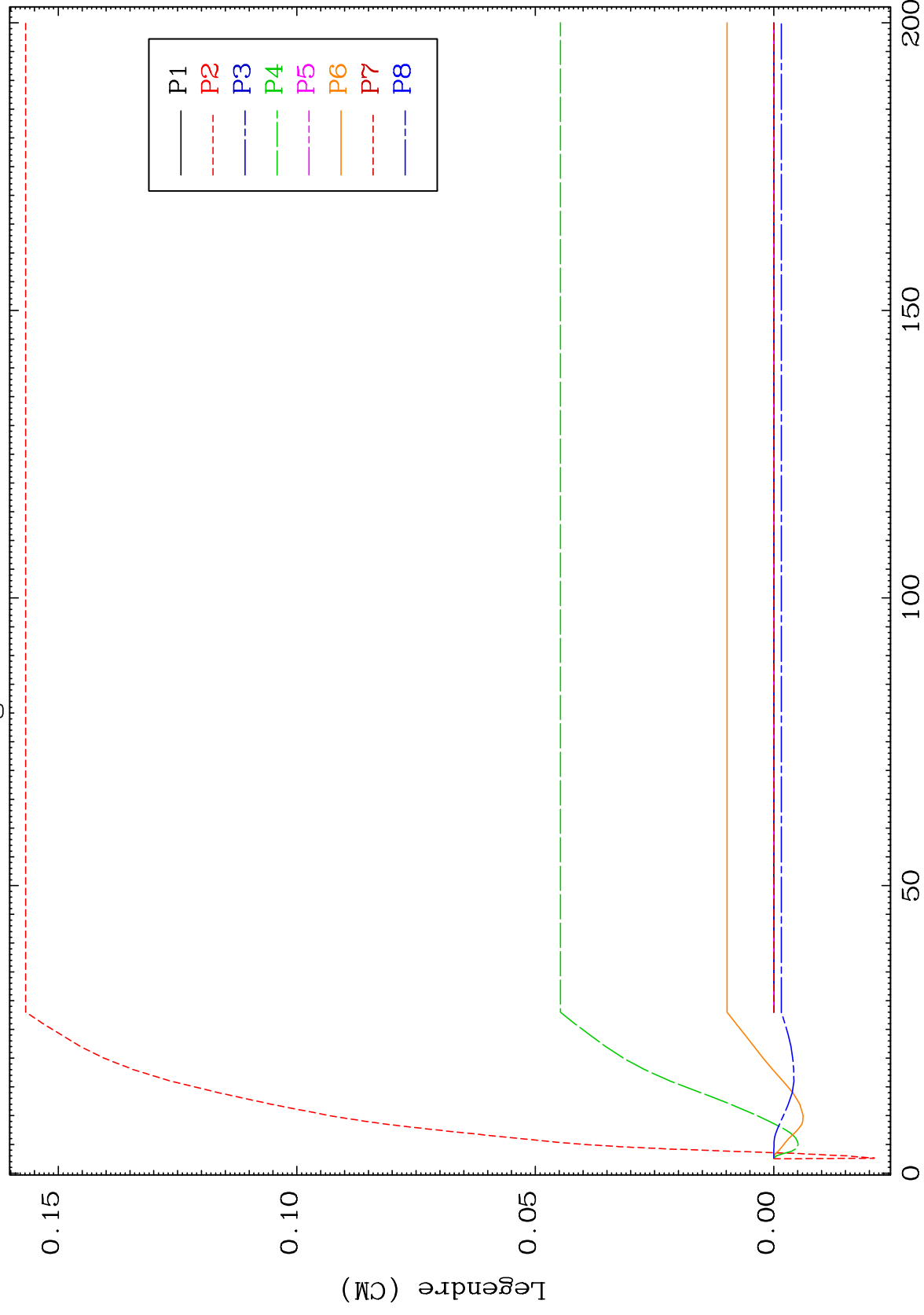
44-Ru-100



MAT 4437

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

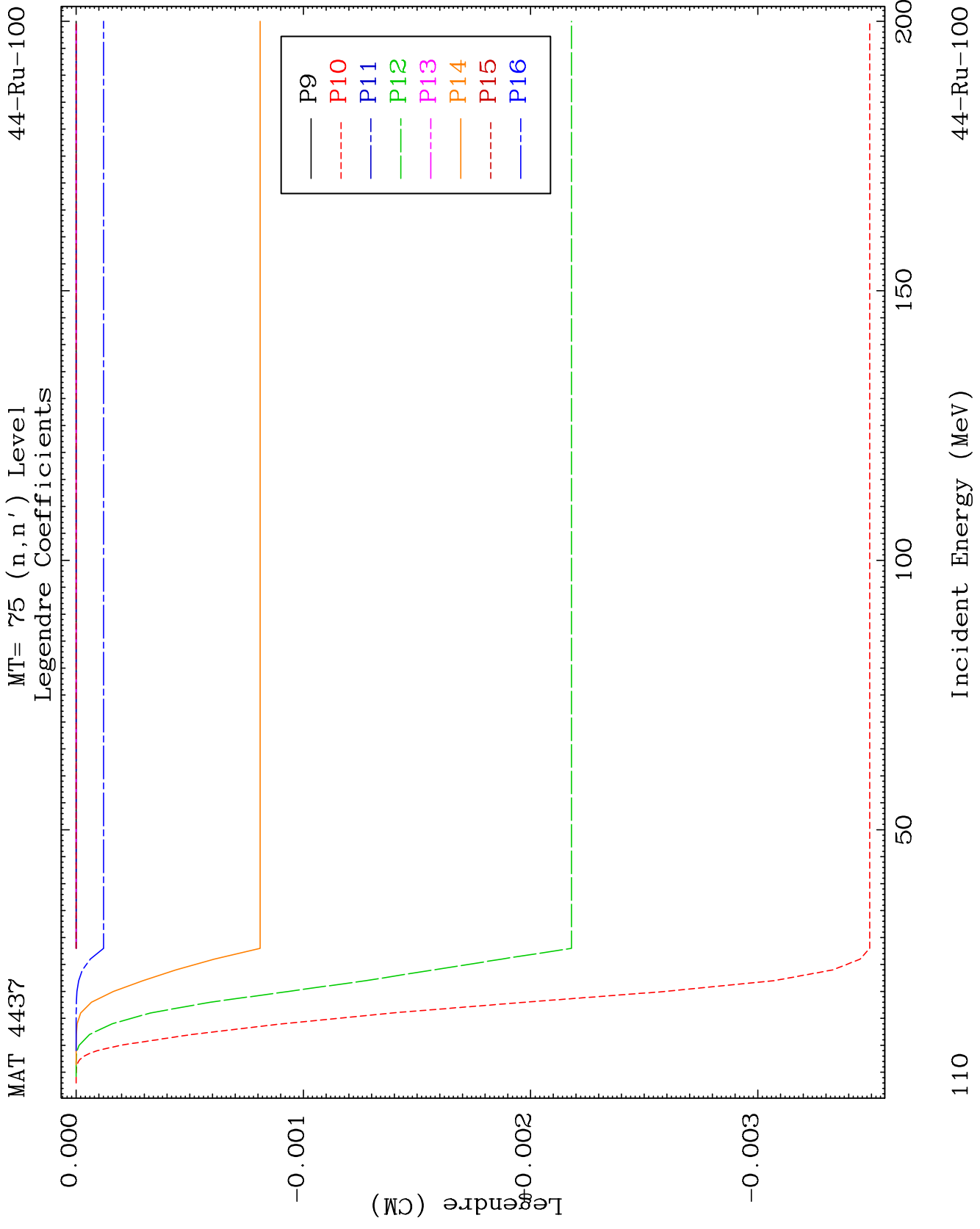
44-Ru-100



44-Ru-100

Incident Energy (MeV)

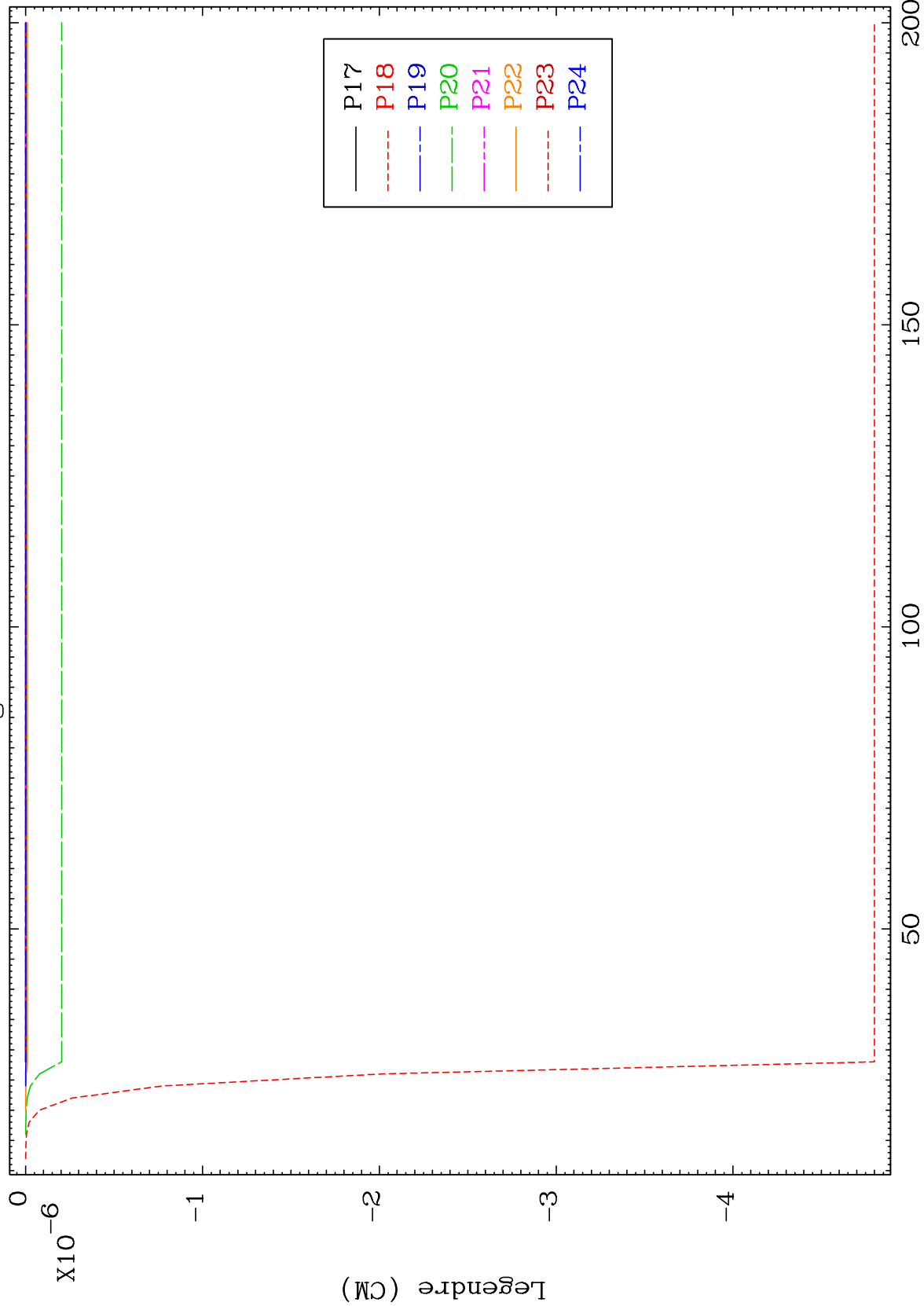
109



MAT 4437

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

44-Ru-100



111

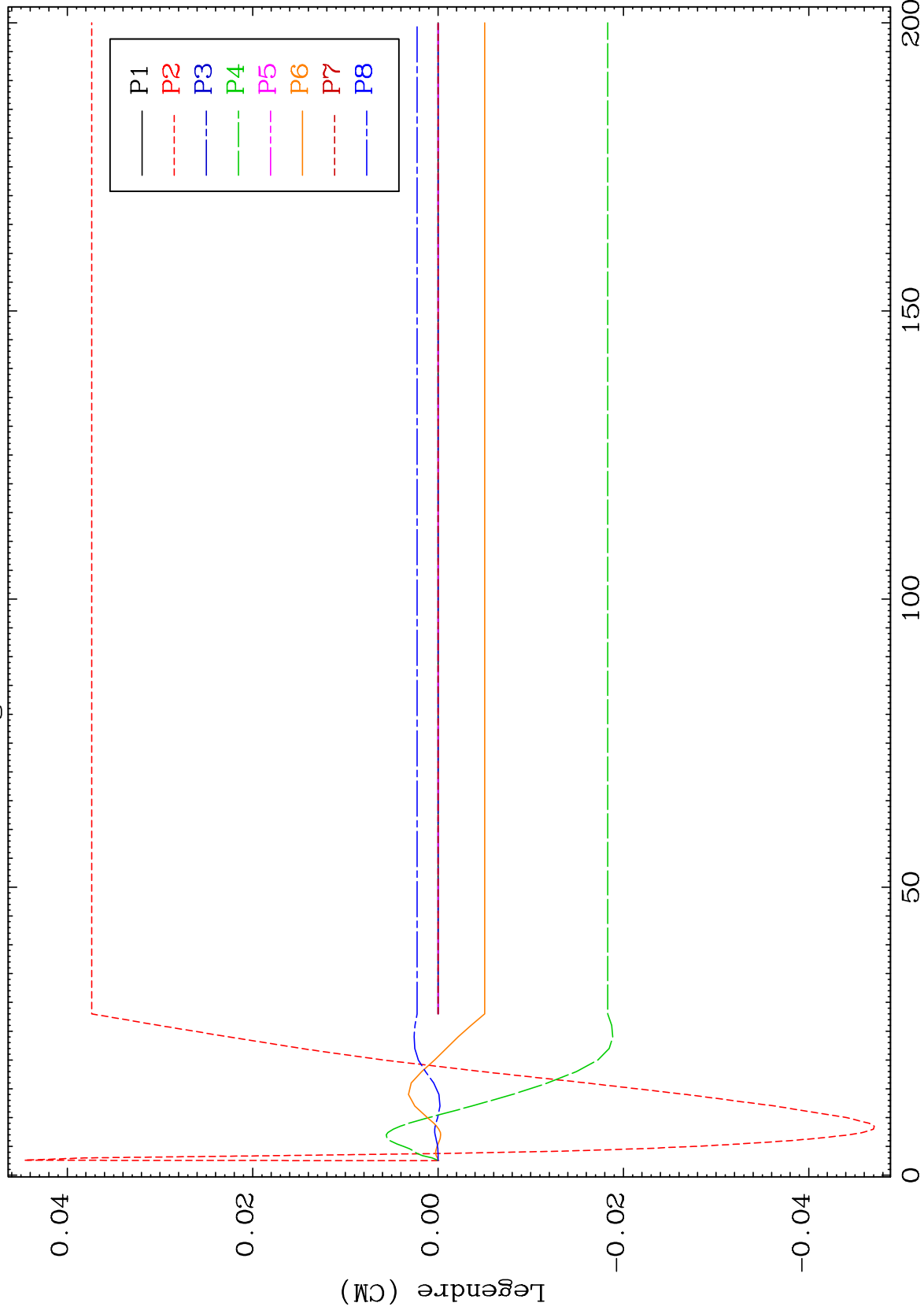
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



44-Ru-100

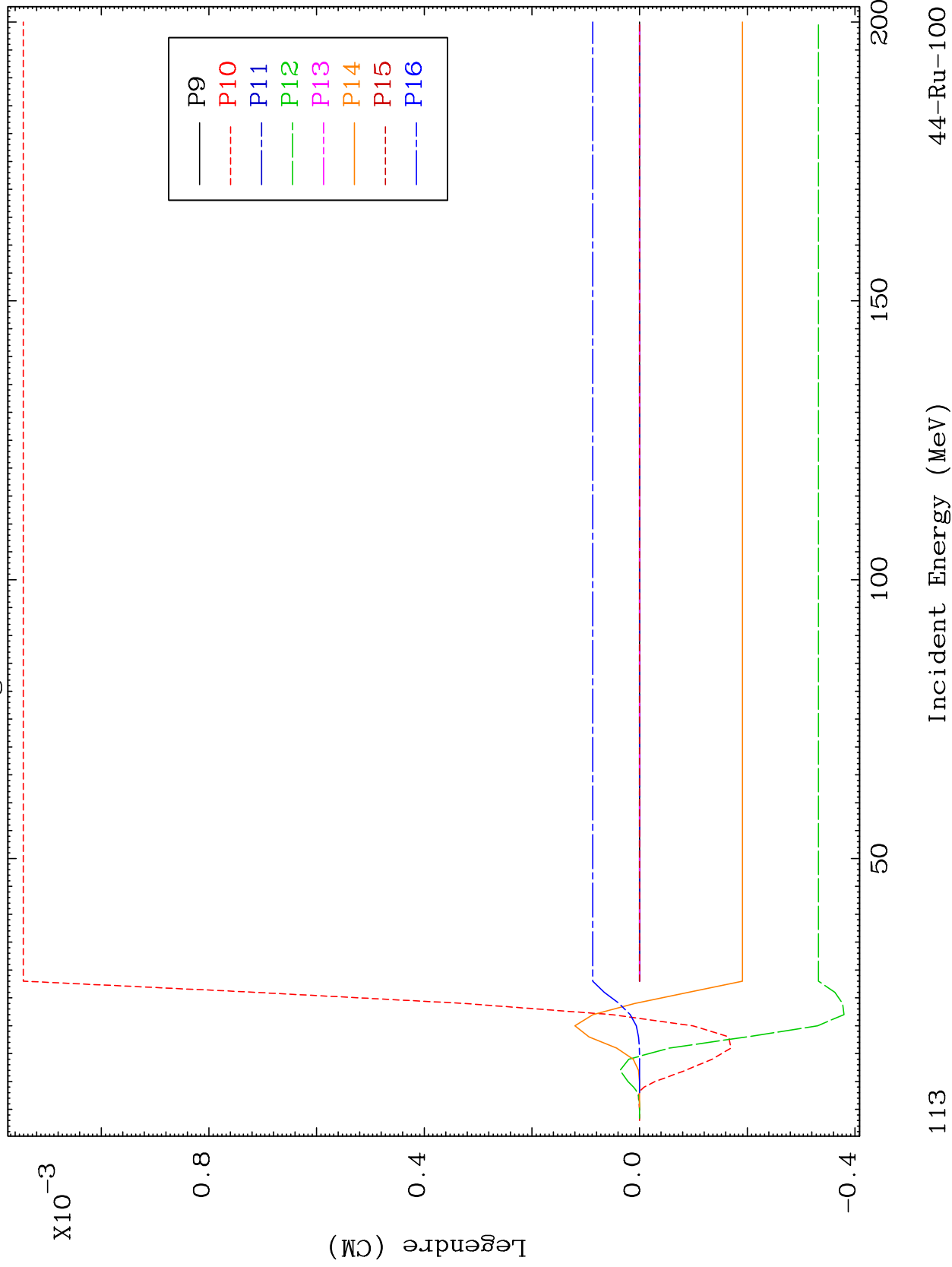
Incident Energy (MeV)

112

MAT 4437

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

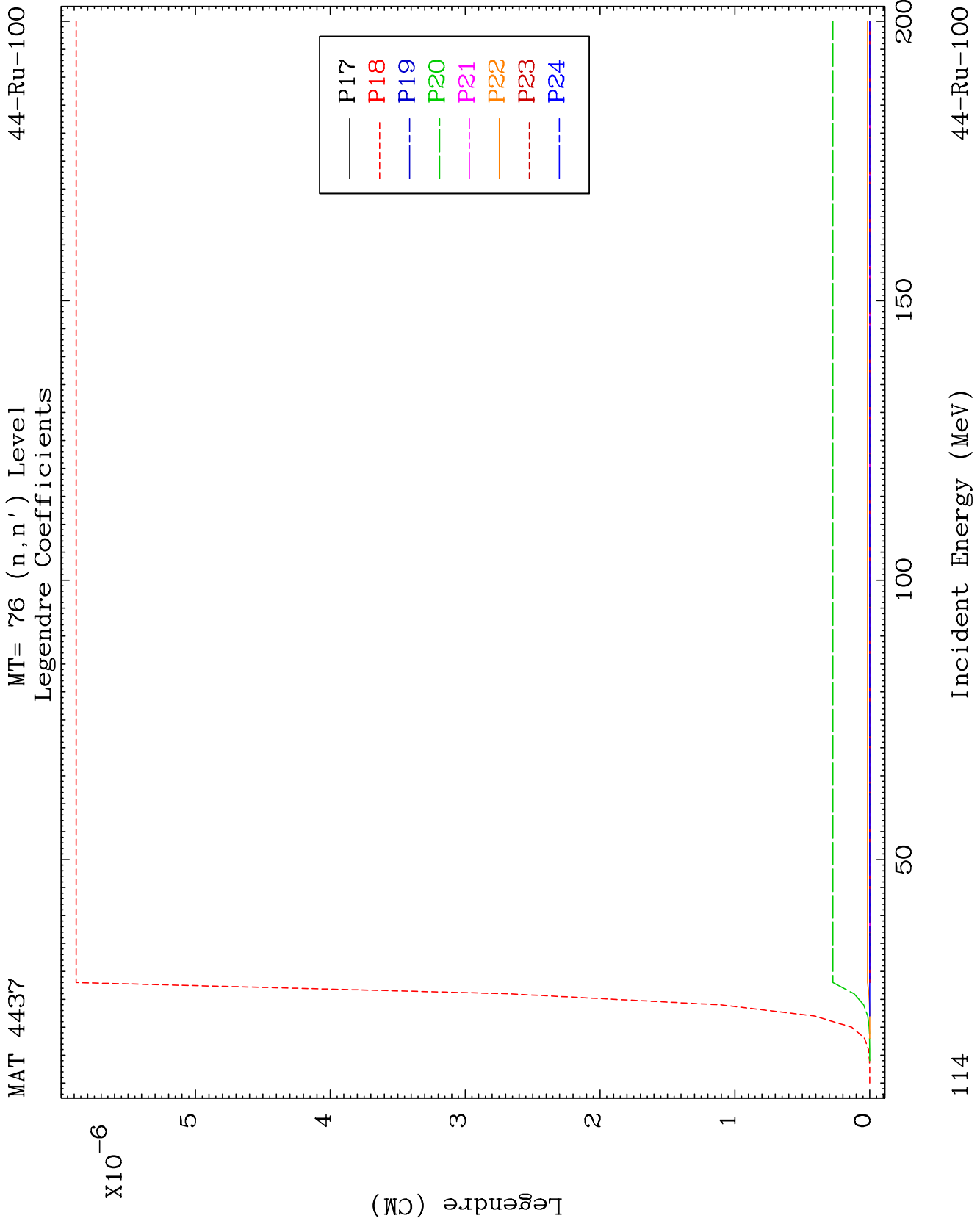
44-Ru-100



113

Incident Energy (MeV)

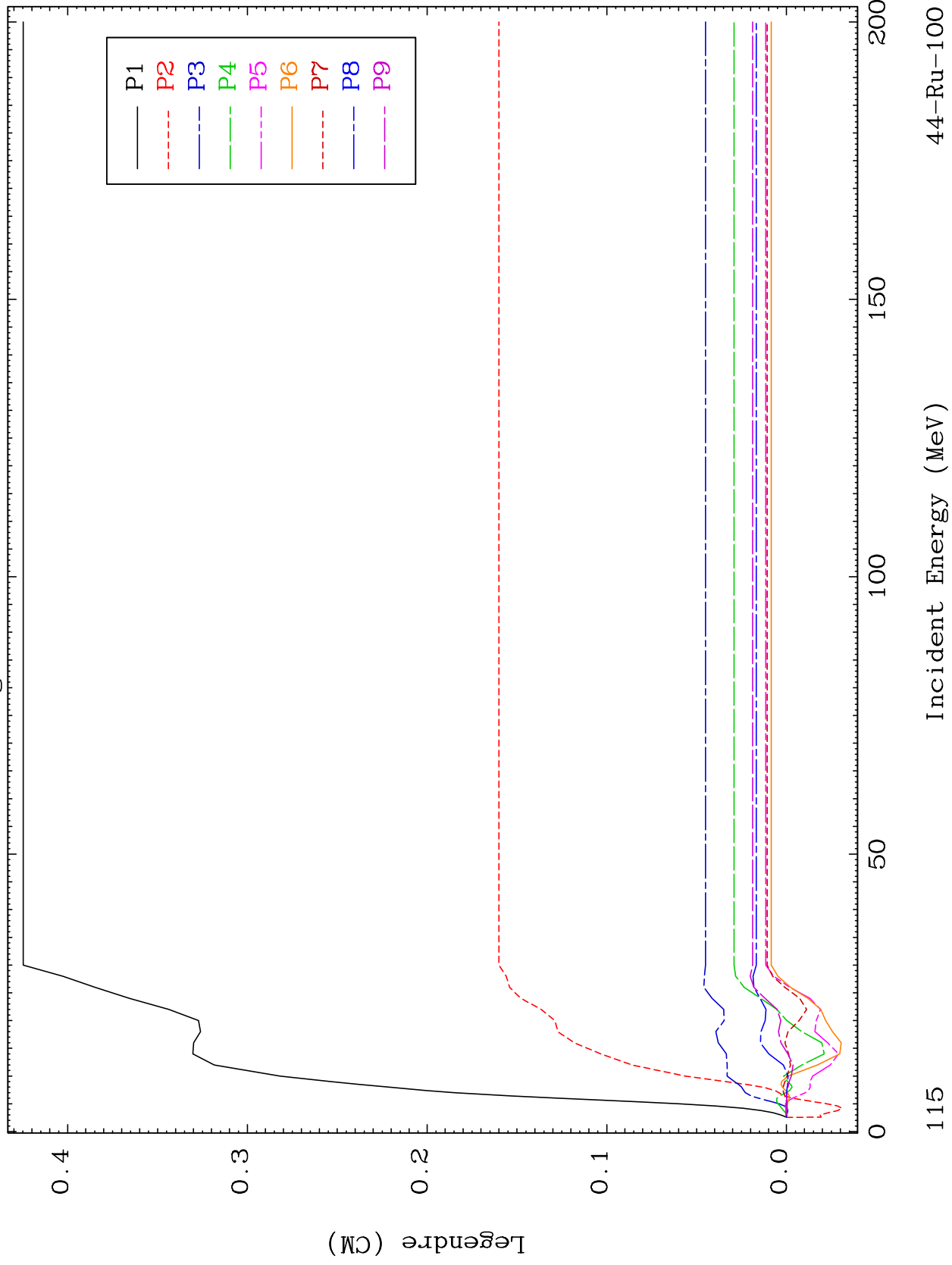
44-Ru-100



MAT 4437

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

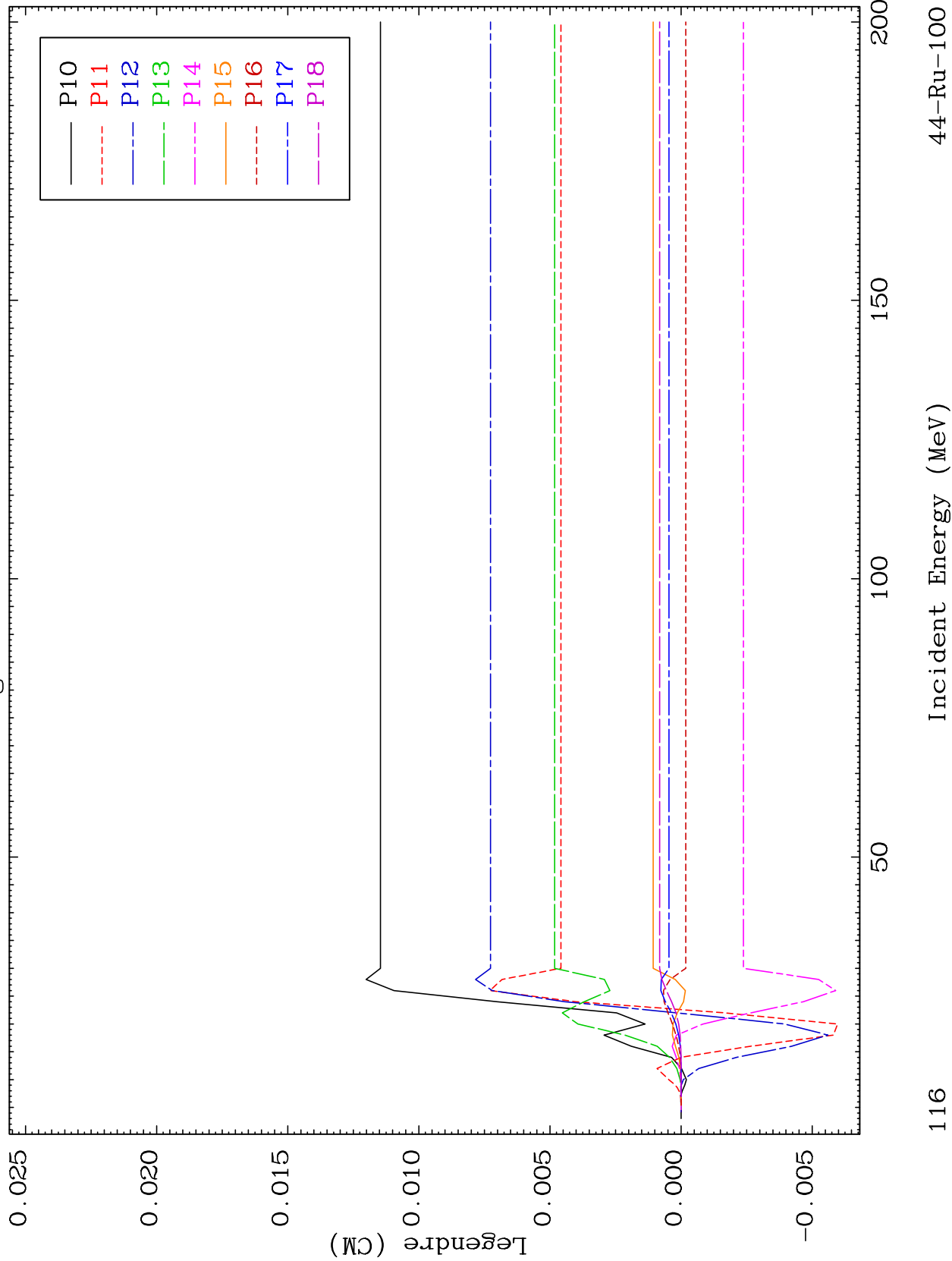
44-Ru-100



MAT 4437

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

44-Ru-100



116

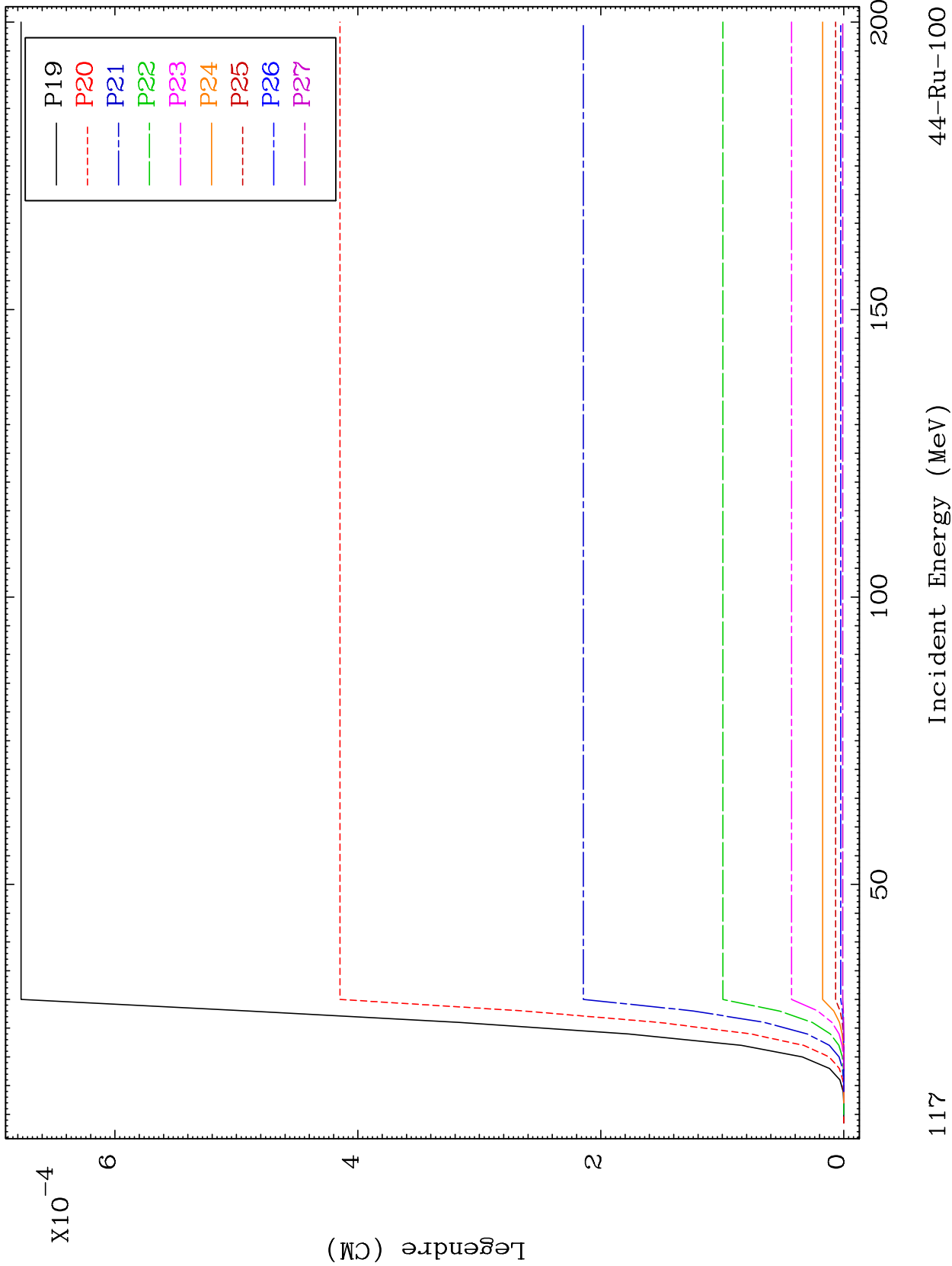
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



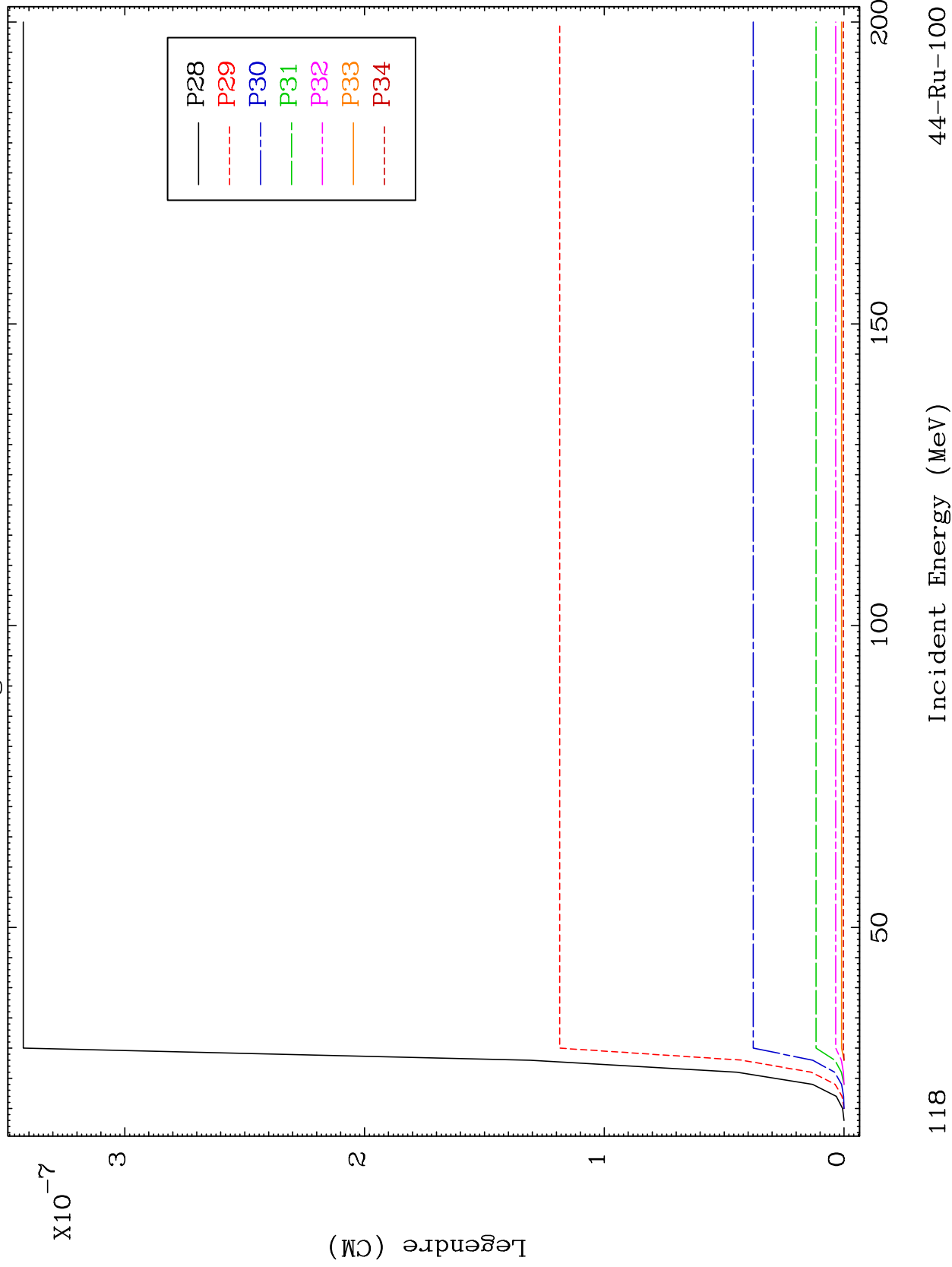
117

44-Ru-100

MAT 4437

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

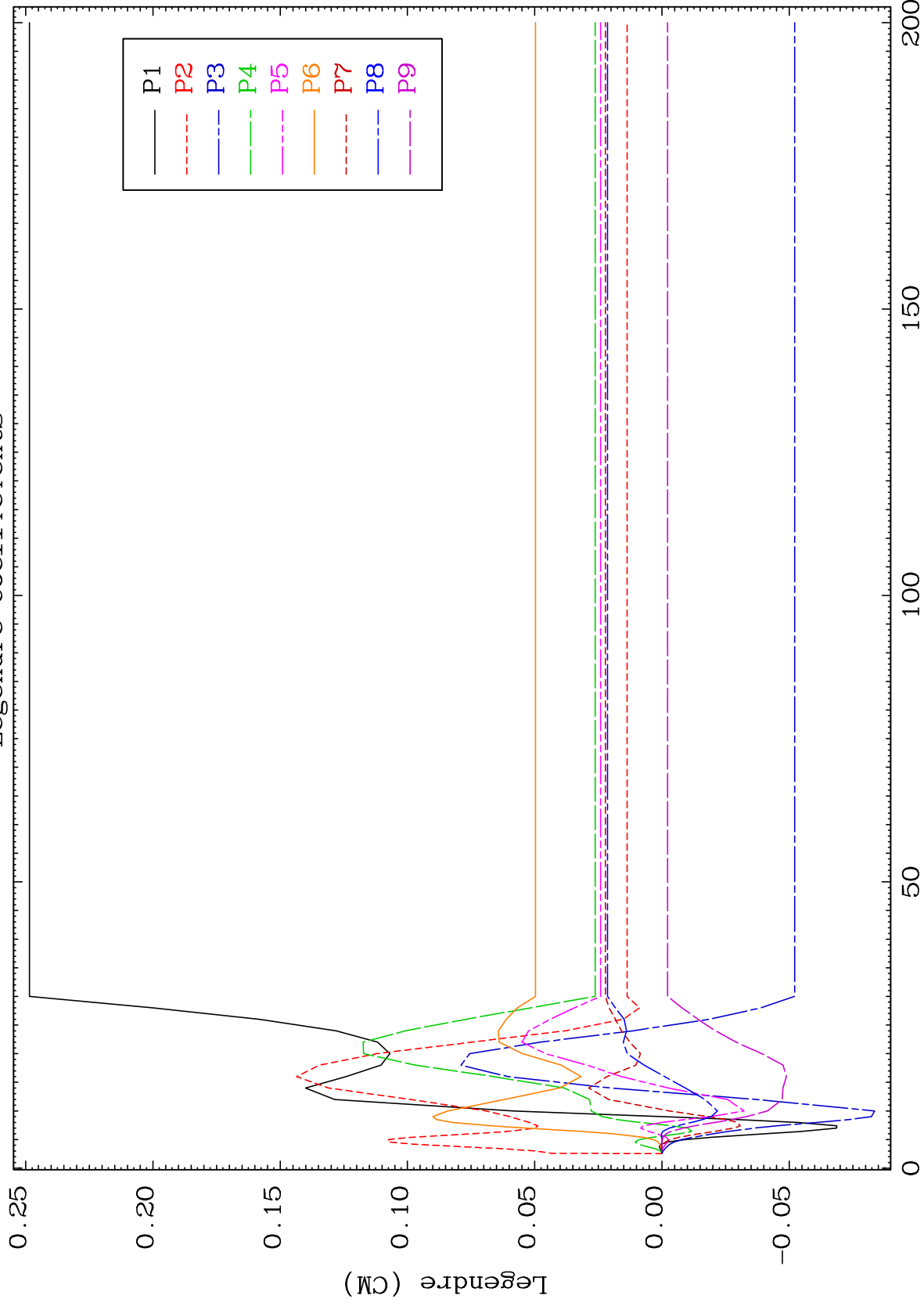
44-Ru-100



MAT 4437

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

44-Ru-100



119

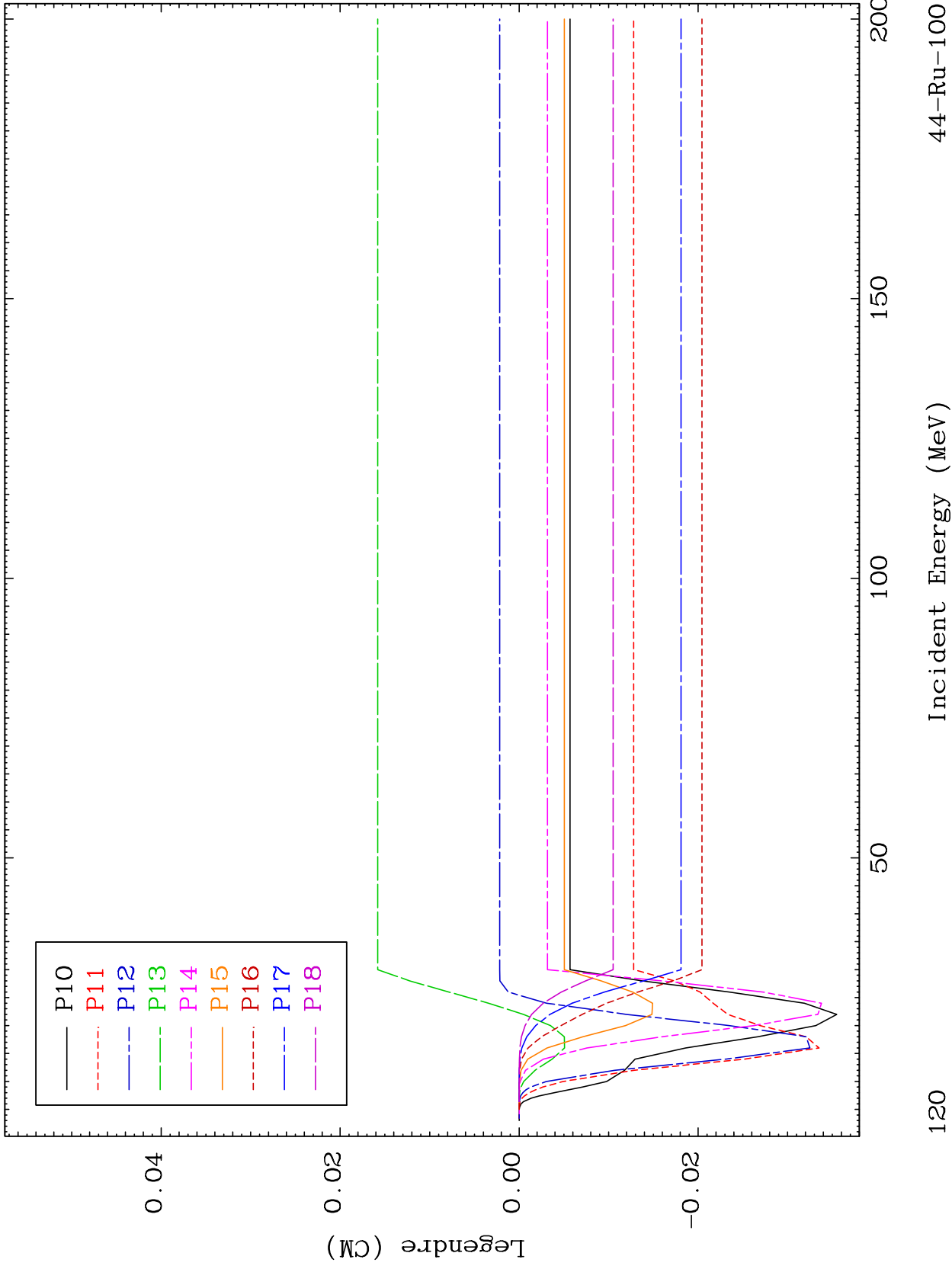
Incident Energy (MeV)

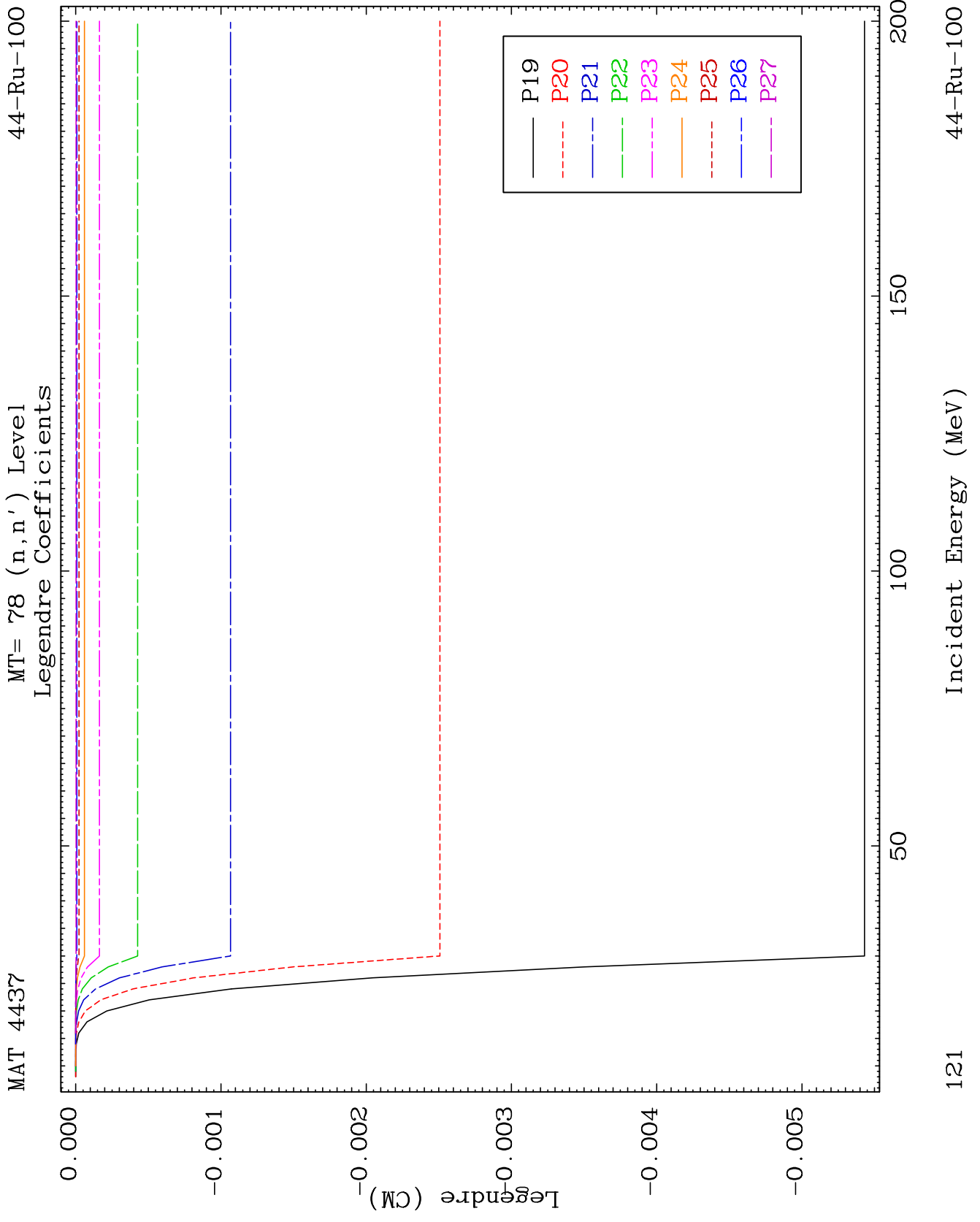
44-Ru-100

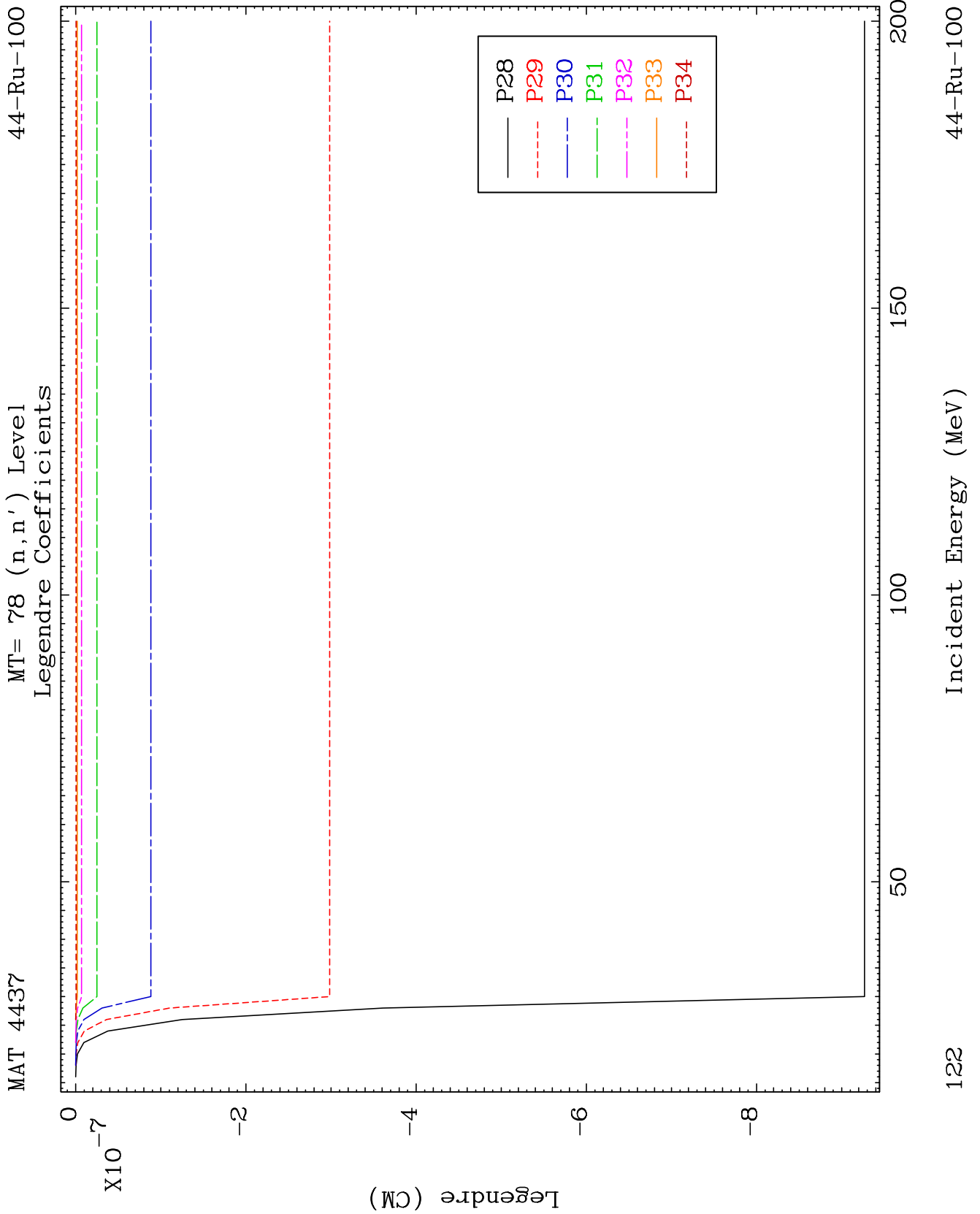
MAT 4437

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

44-Ru-100



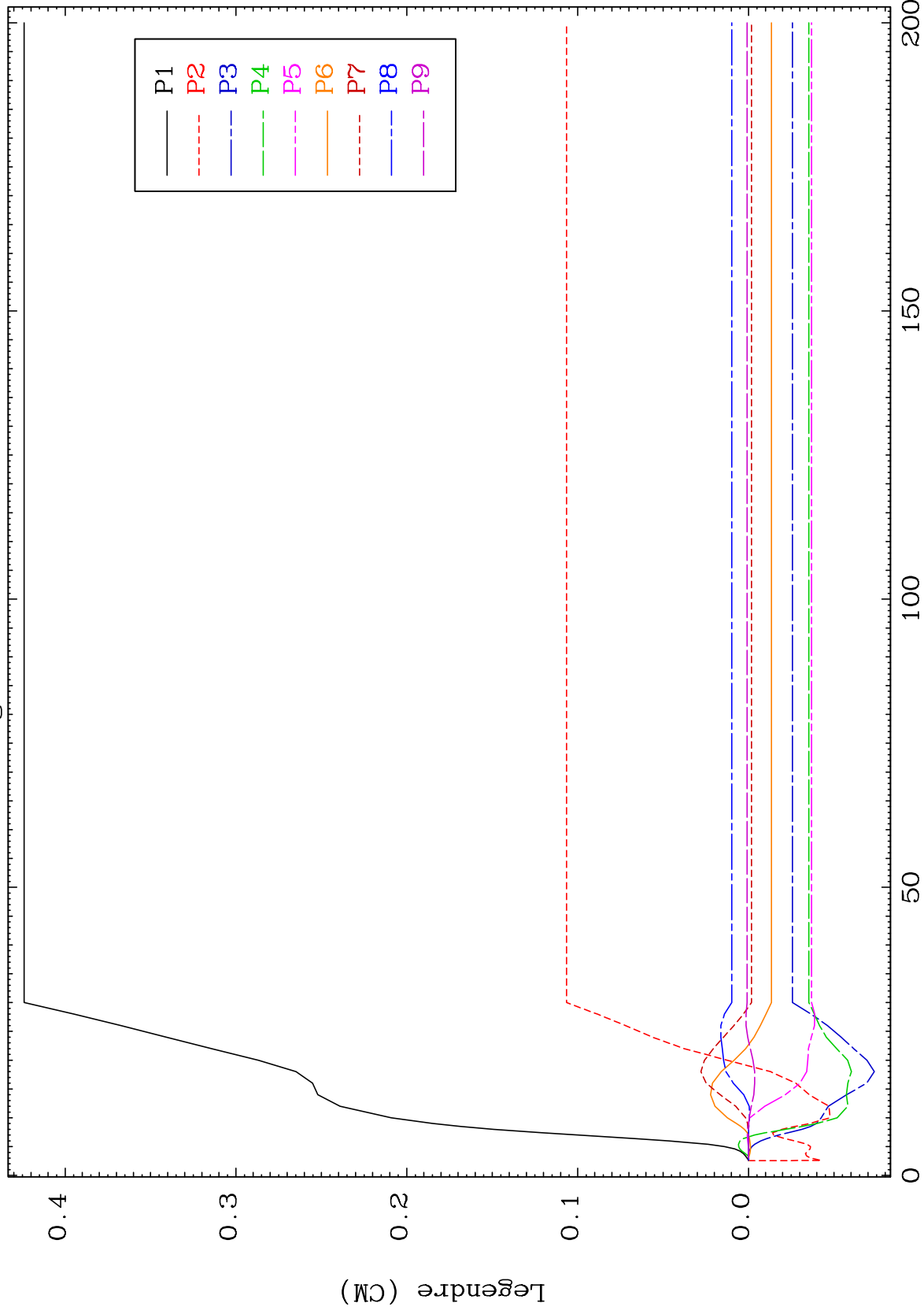




MAT 4437

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

44-Ru-100



123

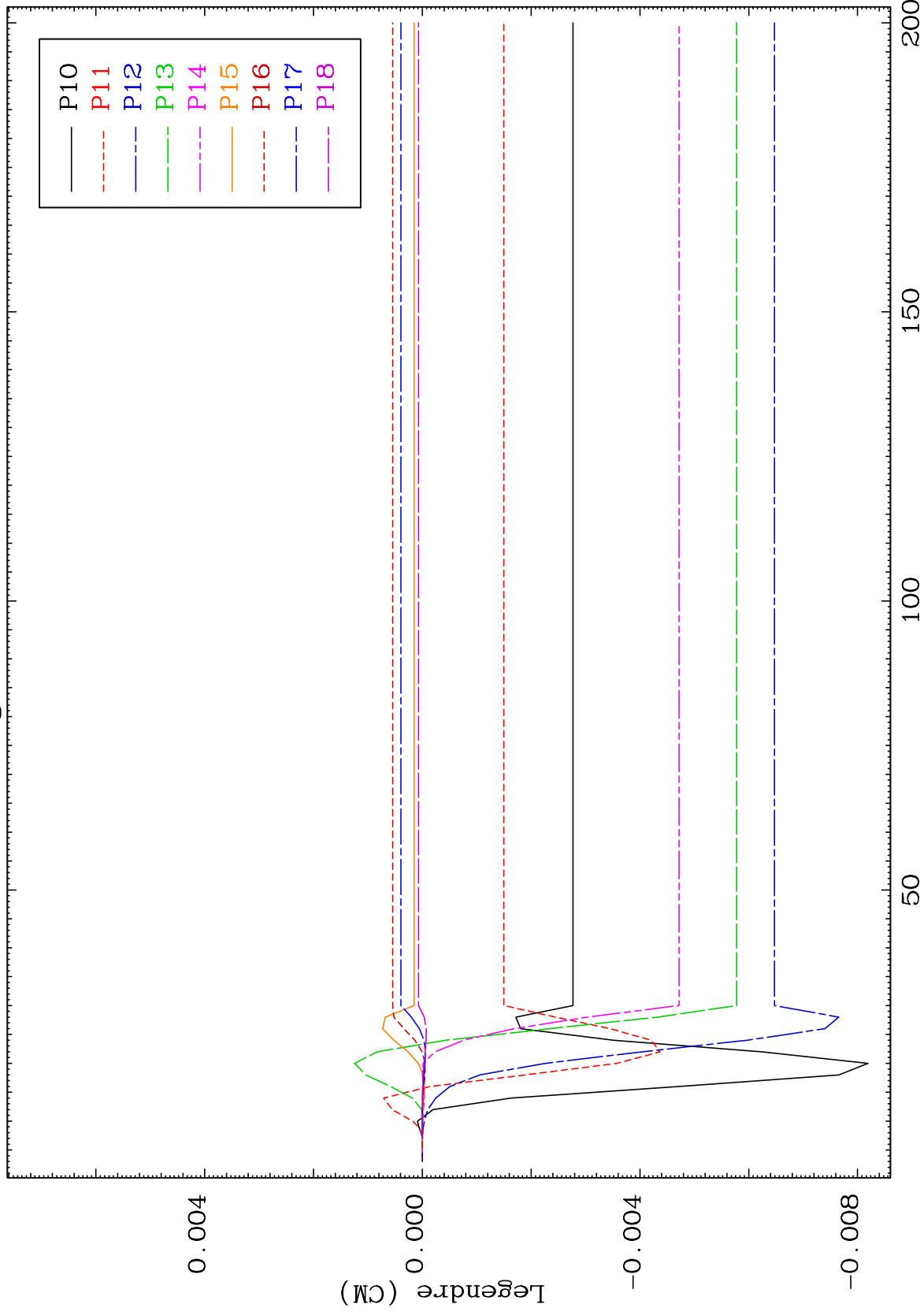
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



124

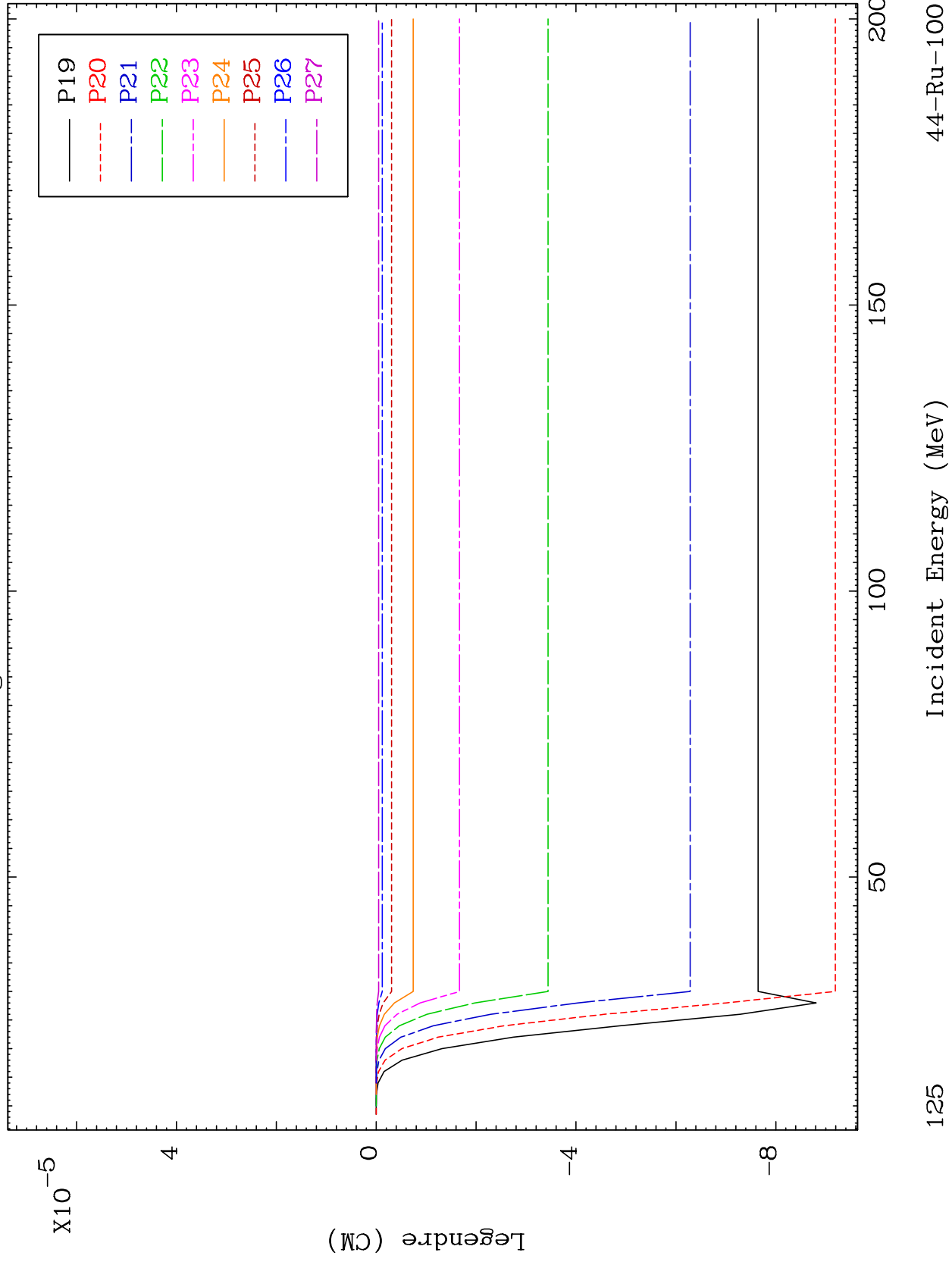
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

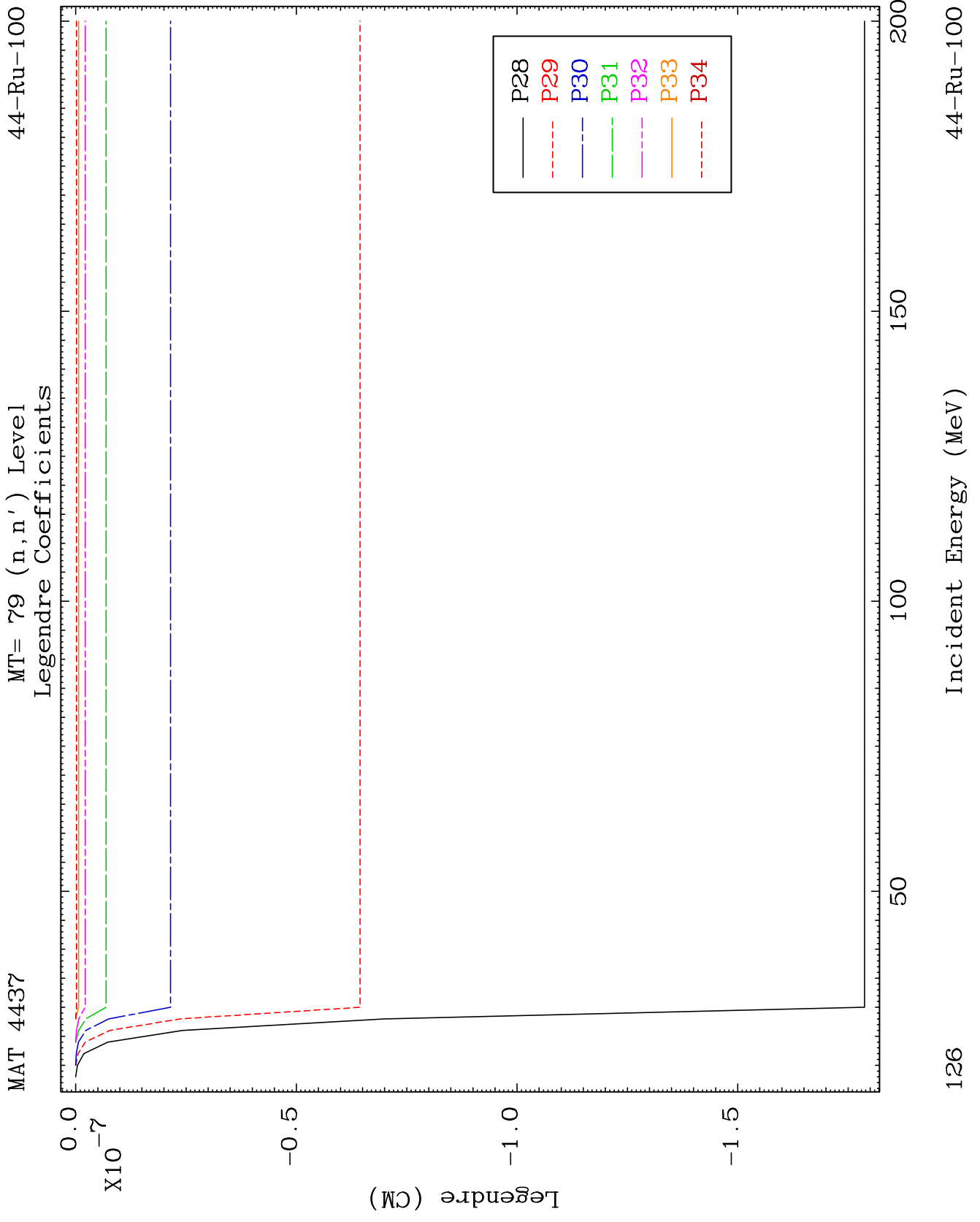
44-Ru-100



125

Incident Energy (MeV)

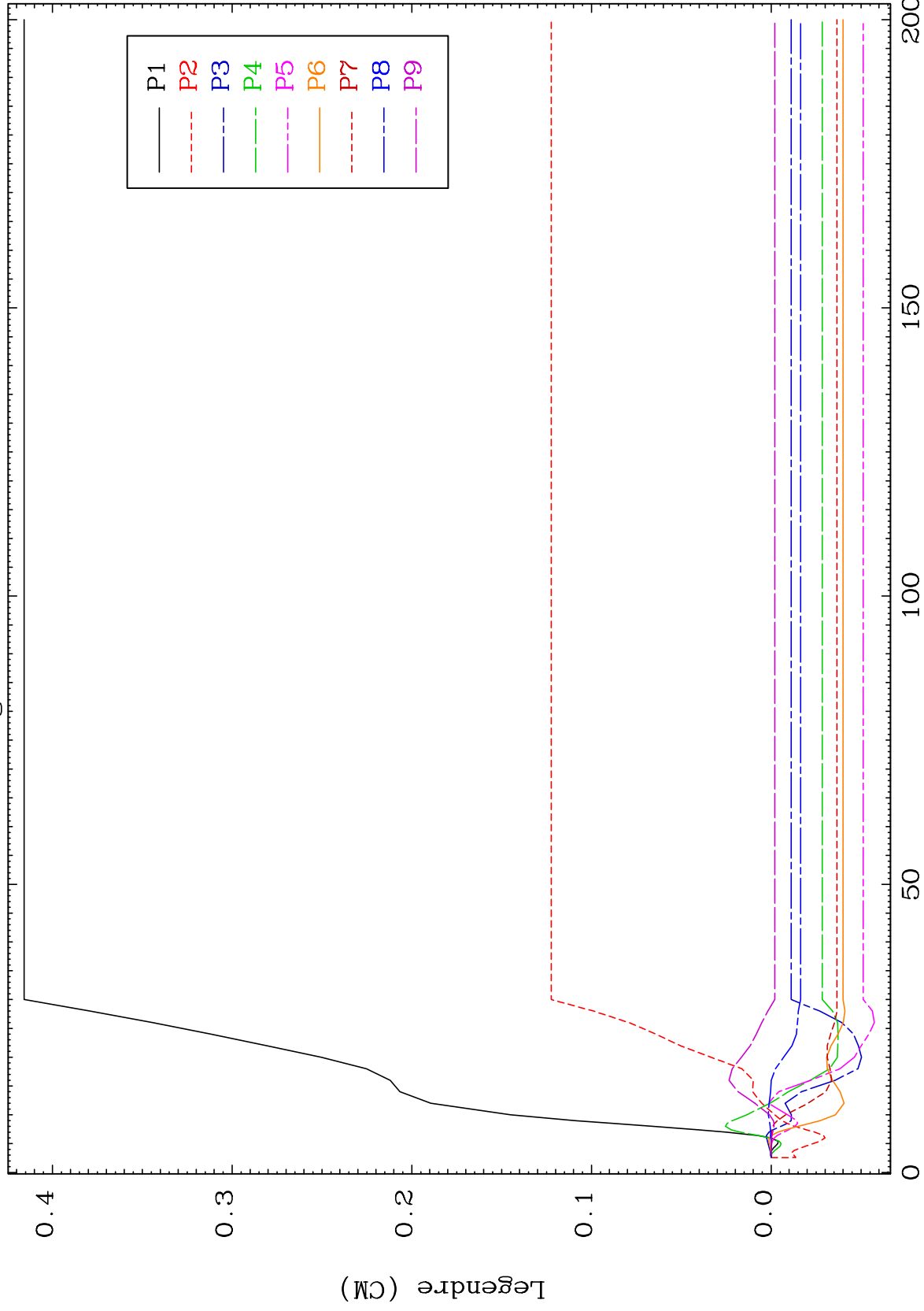
44-Ru-100



MAT 4437

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

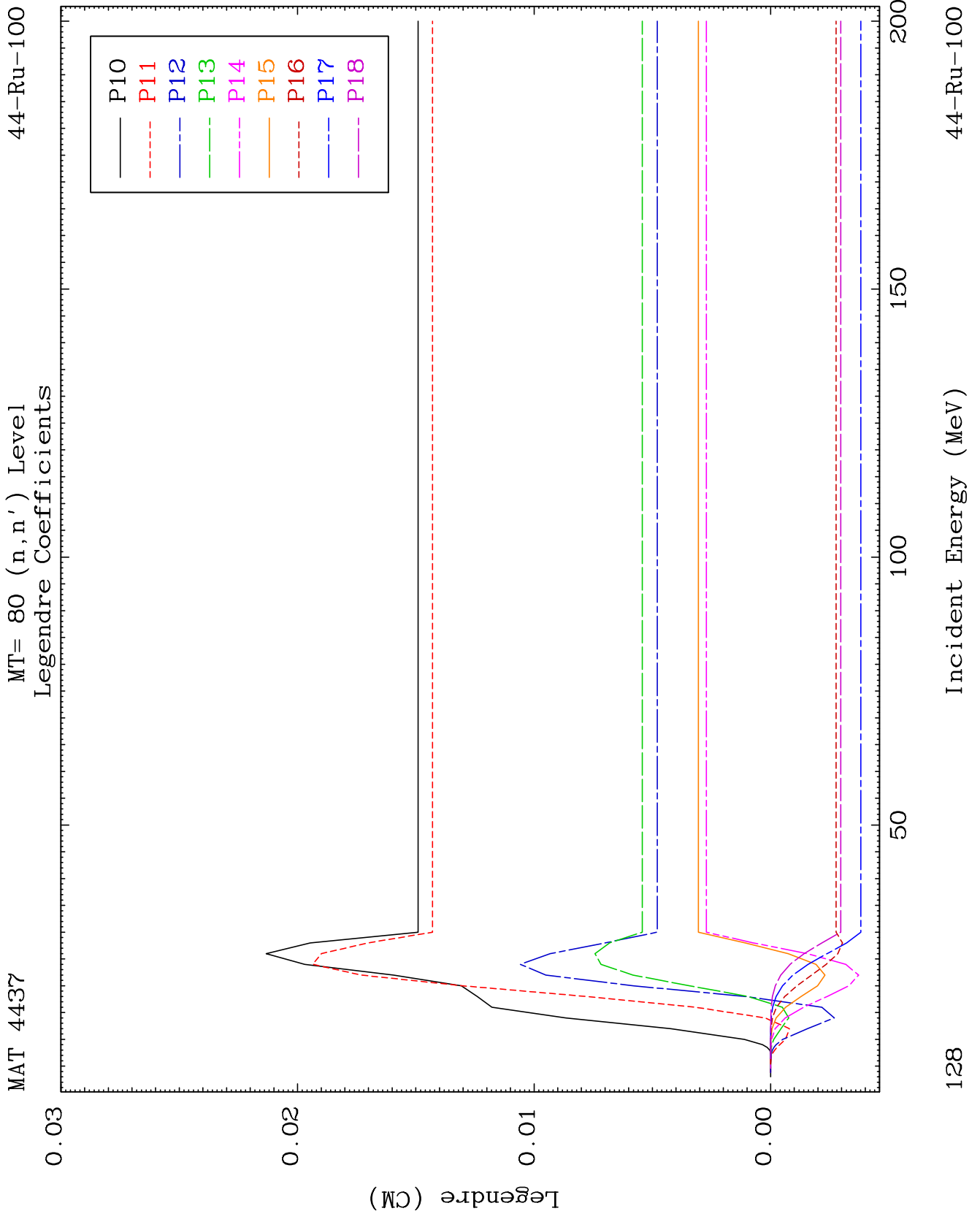
44-Ru-100

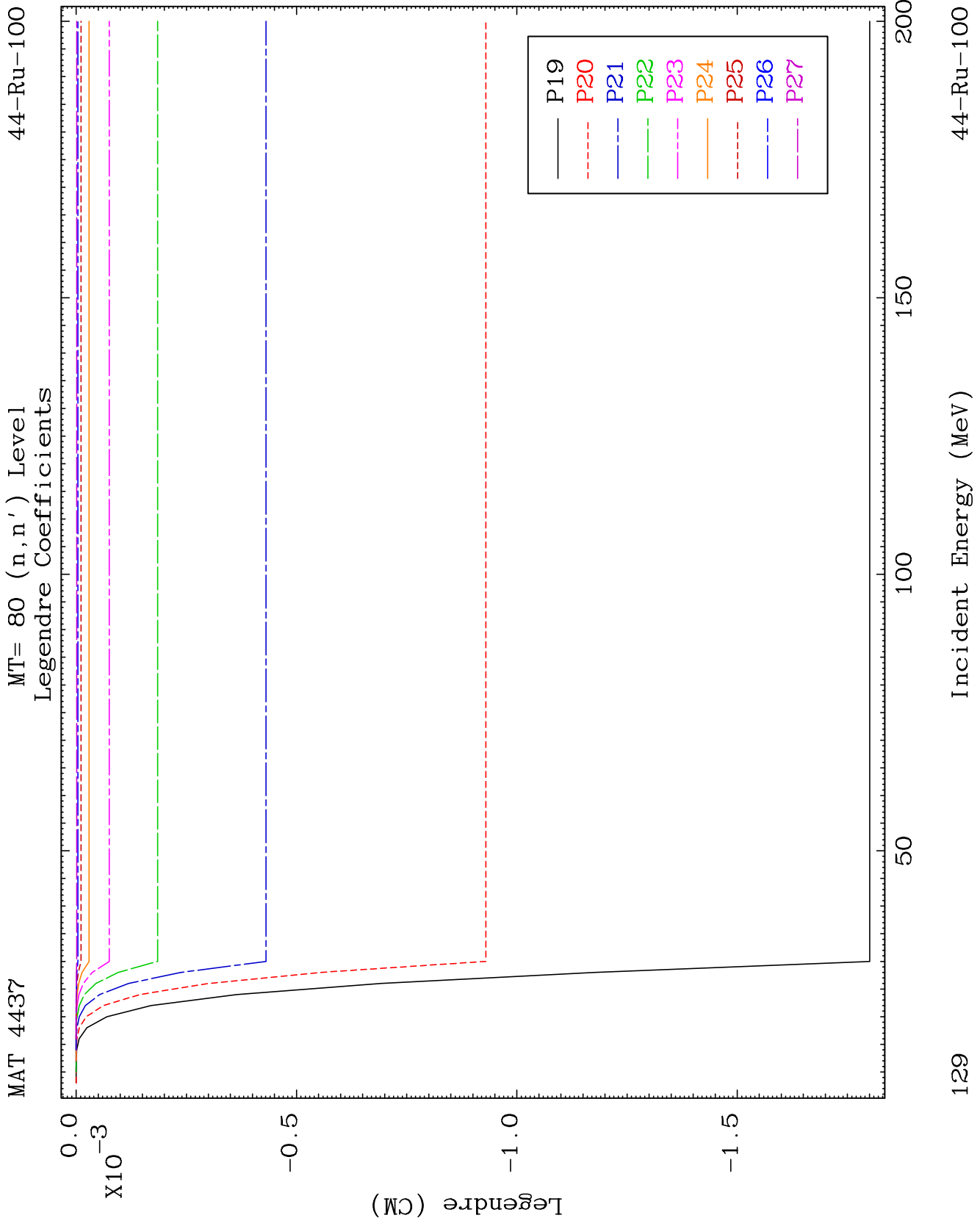


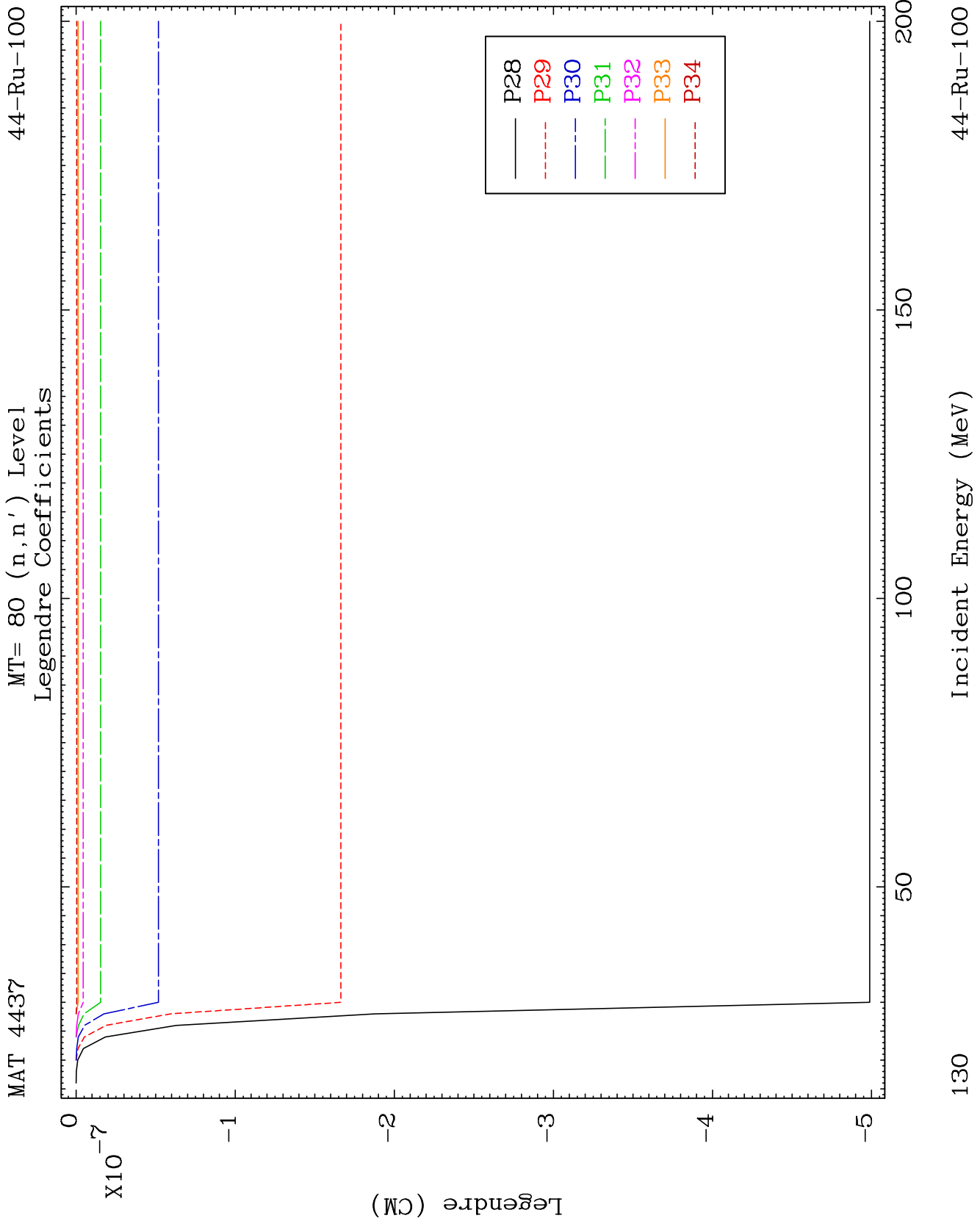
127

Incident Energy (MeV)

44-Ru-100





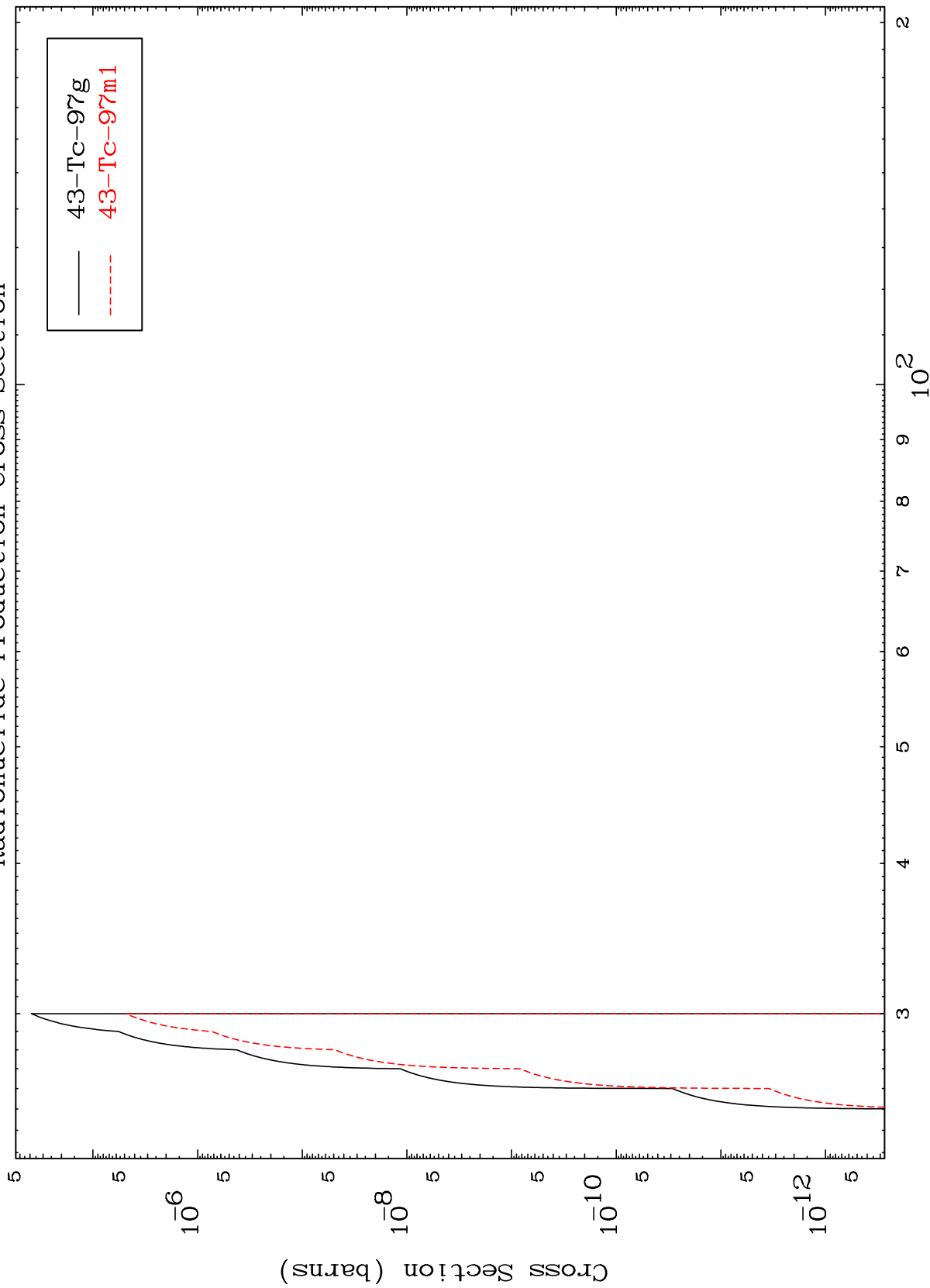


MAT 4437

(n,2n) d

44-Ru-100

Radionuclide Production Cross Section



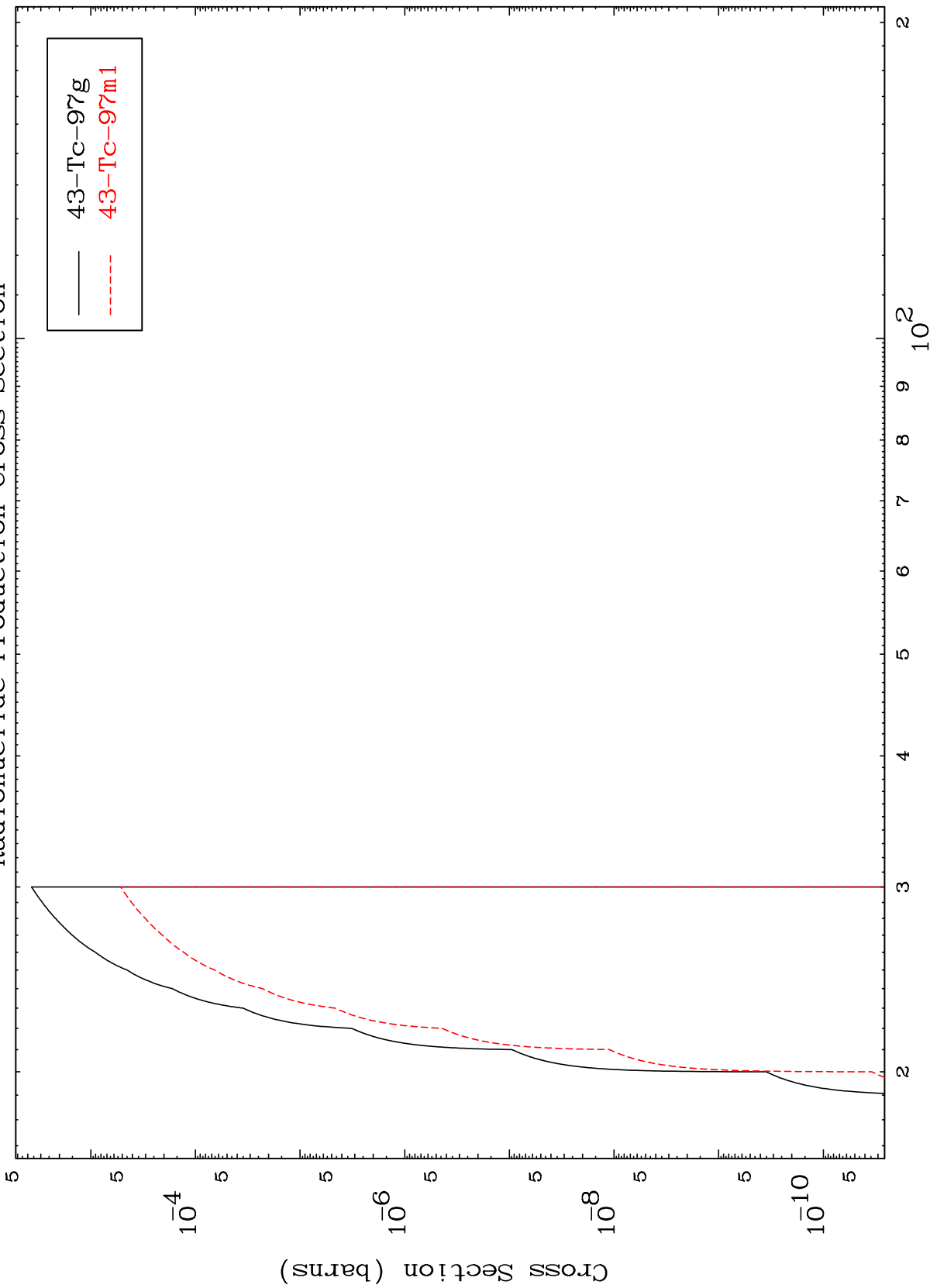
131

Incident Energy (MeV)

44-Ru-100



Radionuclide Production Cross Section

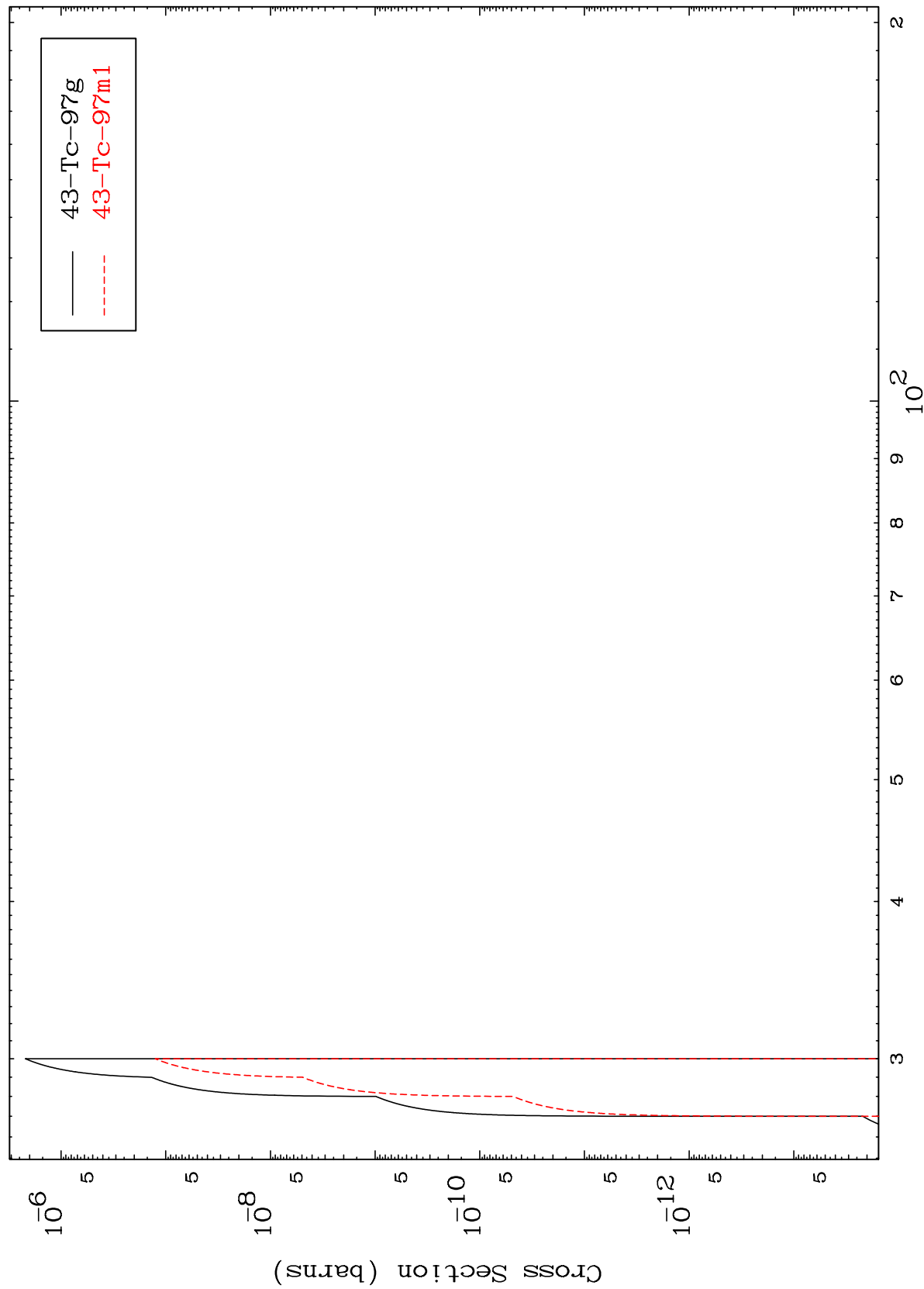


MAT 4437

(n,3n) p

44-Ru-100

Radionuclide Production Cross Section



134

Incident Energy (MeV)

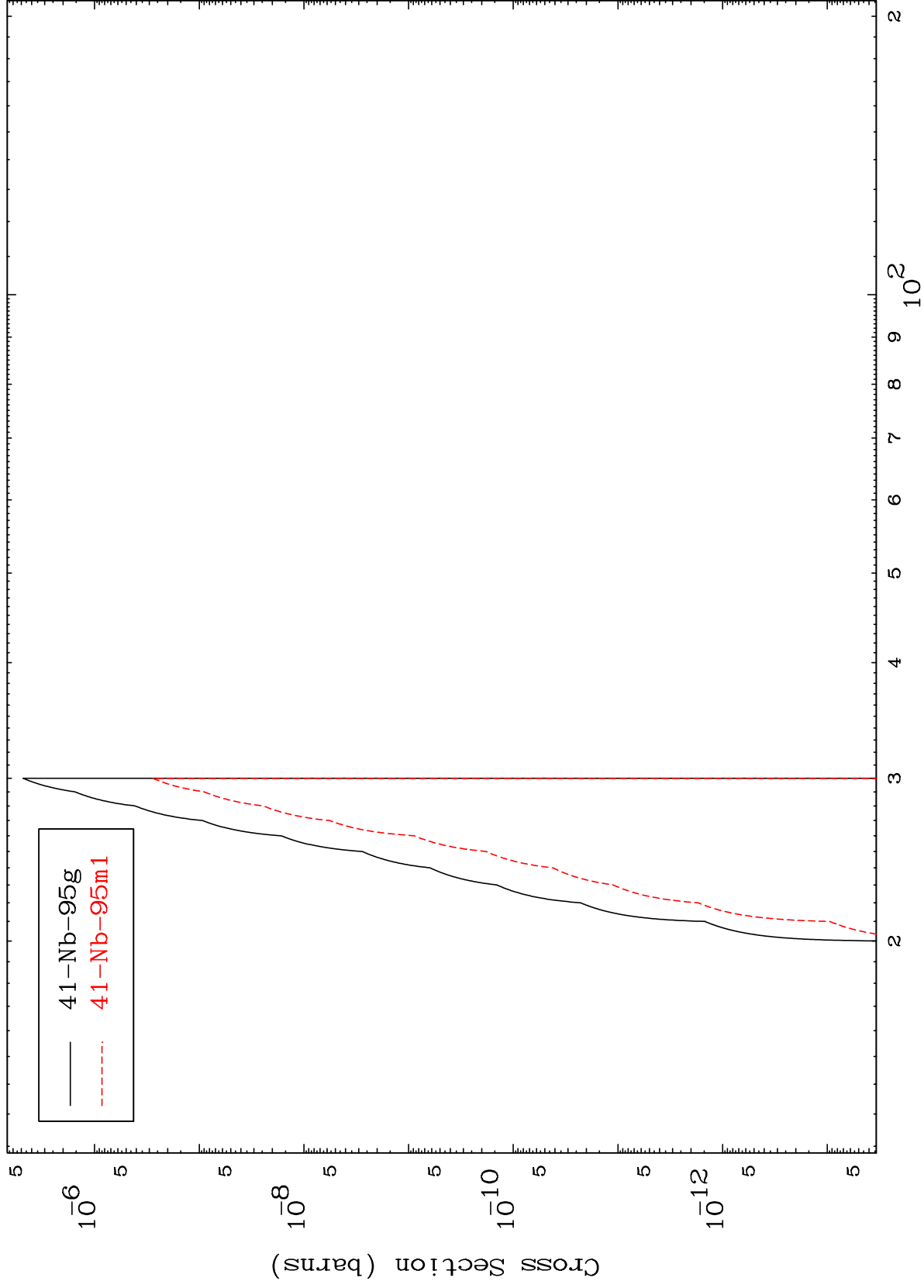
44-Ru-100

MAT 4437

(n,n') p  $\alpha$

44-Ru-100

Radionuclide Production Cross Section



135

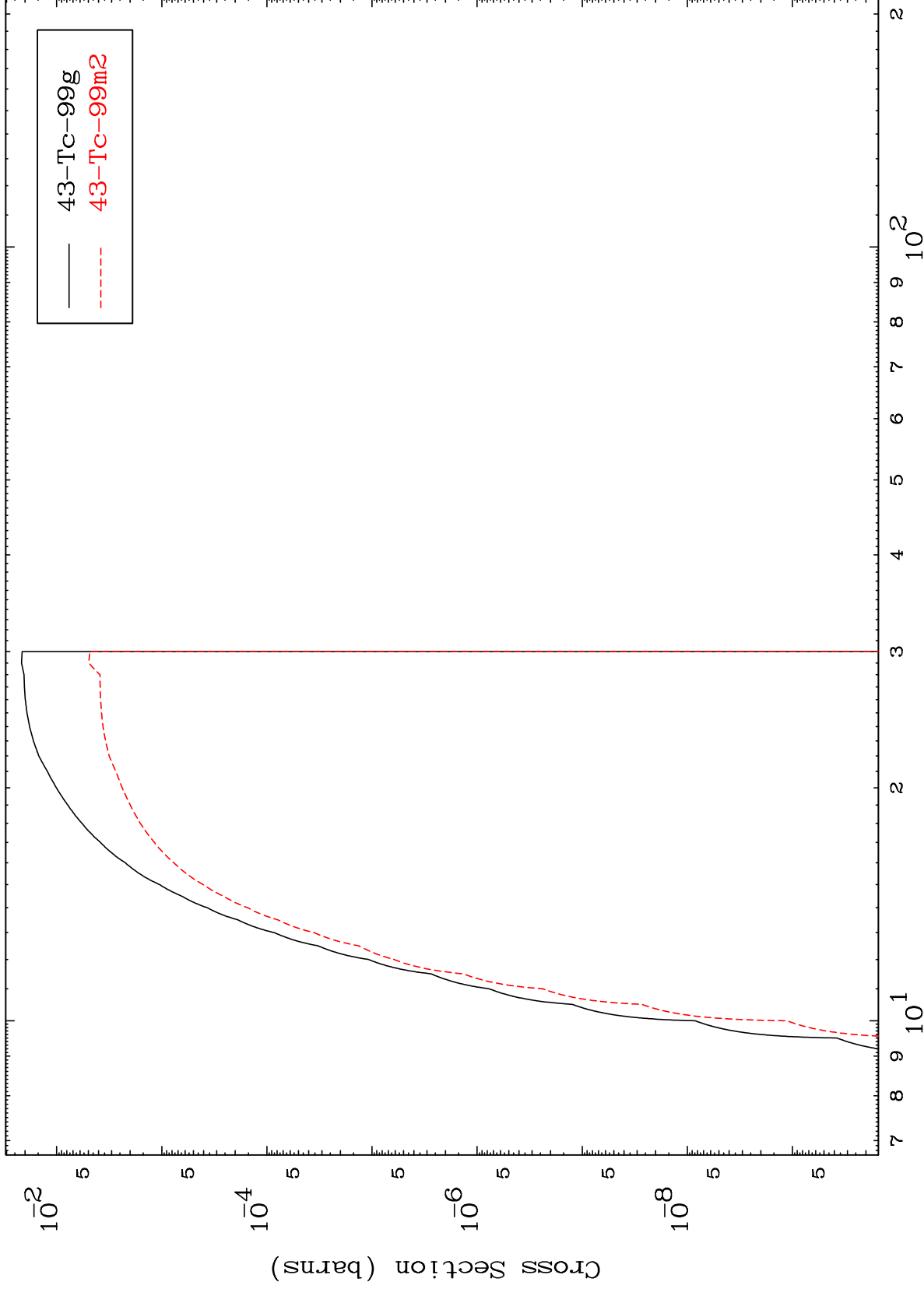
44-Ru-100

MAT 4437

(n,d)

44-Ru-100

Radionuclide Production Cross Section



136

Incident Energy (MeV)

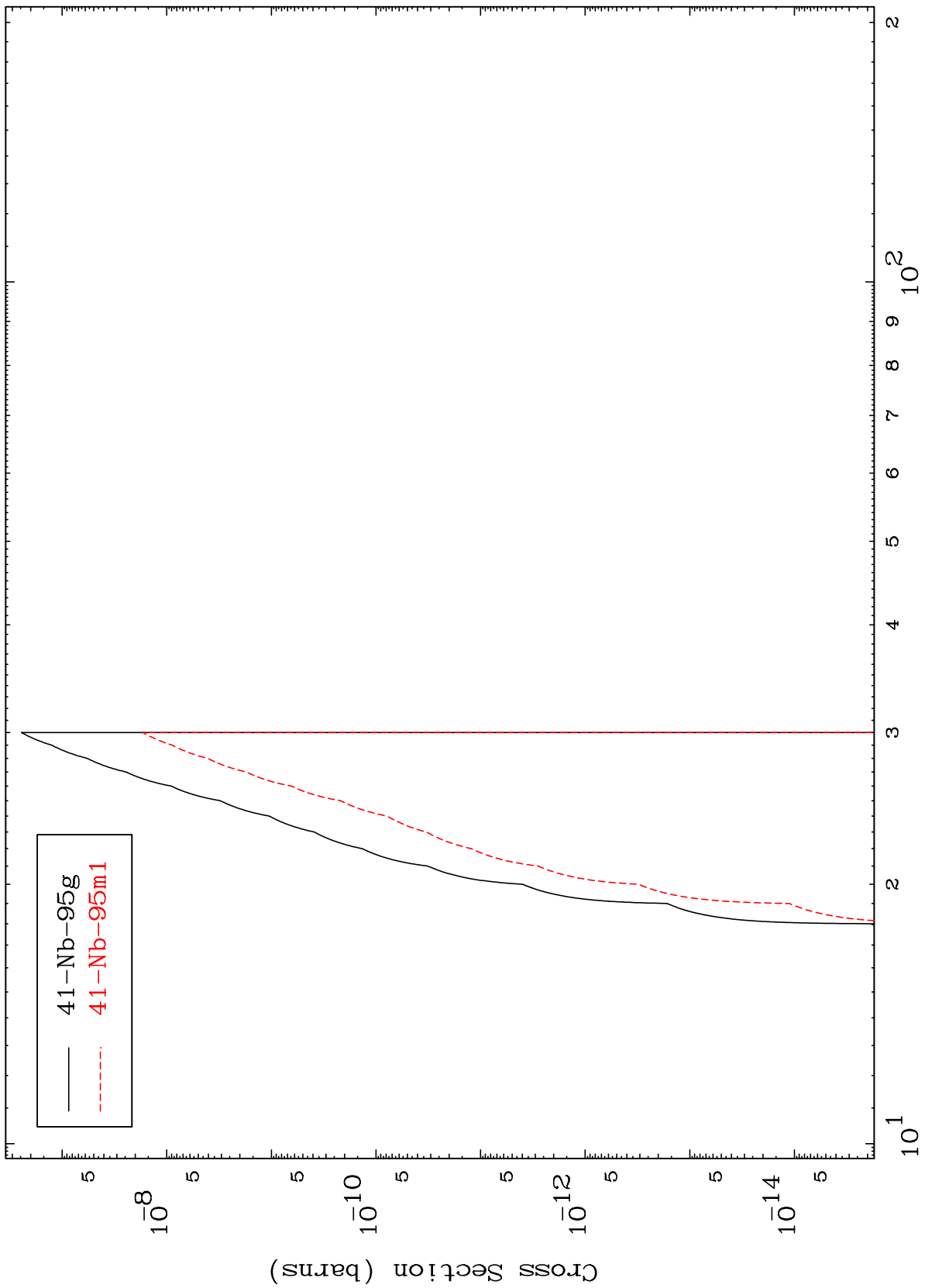
44-Ru-100

MAT 4437

(n,d)  $\alpha$

44-Ru-100

Radionuclide Production Cross Section



137

Incident Energy (MeV)

44-Ru-100