

Program EVALPLOT
(Version 2021-1)

by

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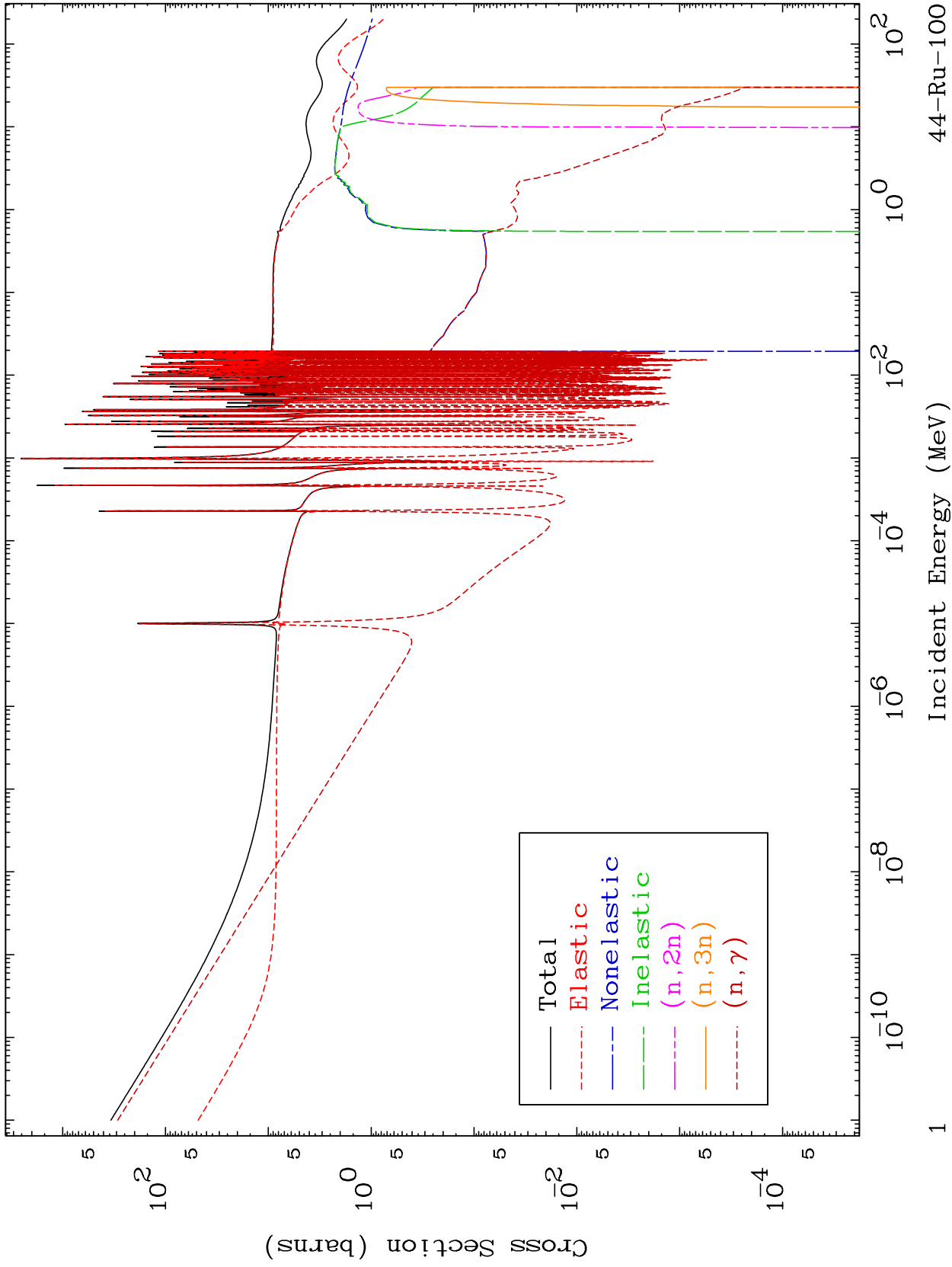
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4437

Neutron Major
293 Kelvin Cross Sections

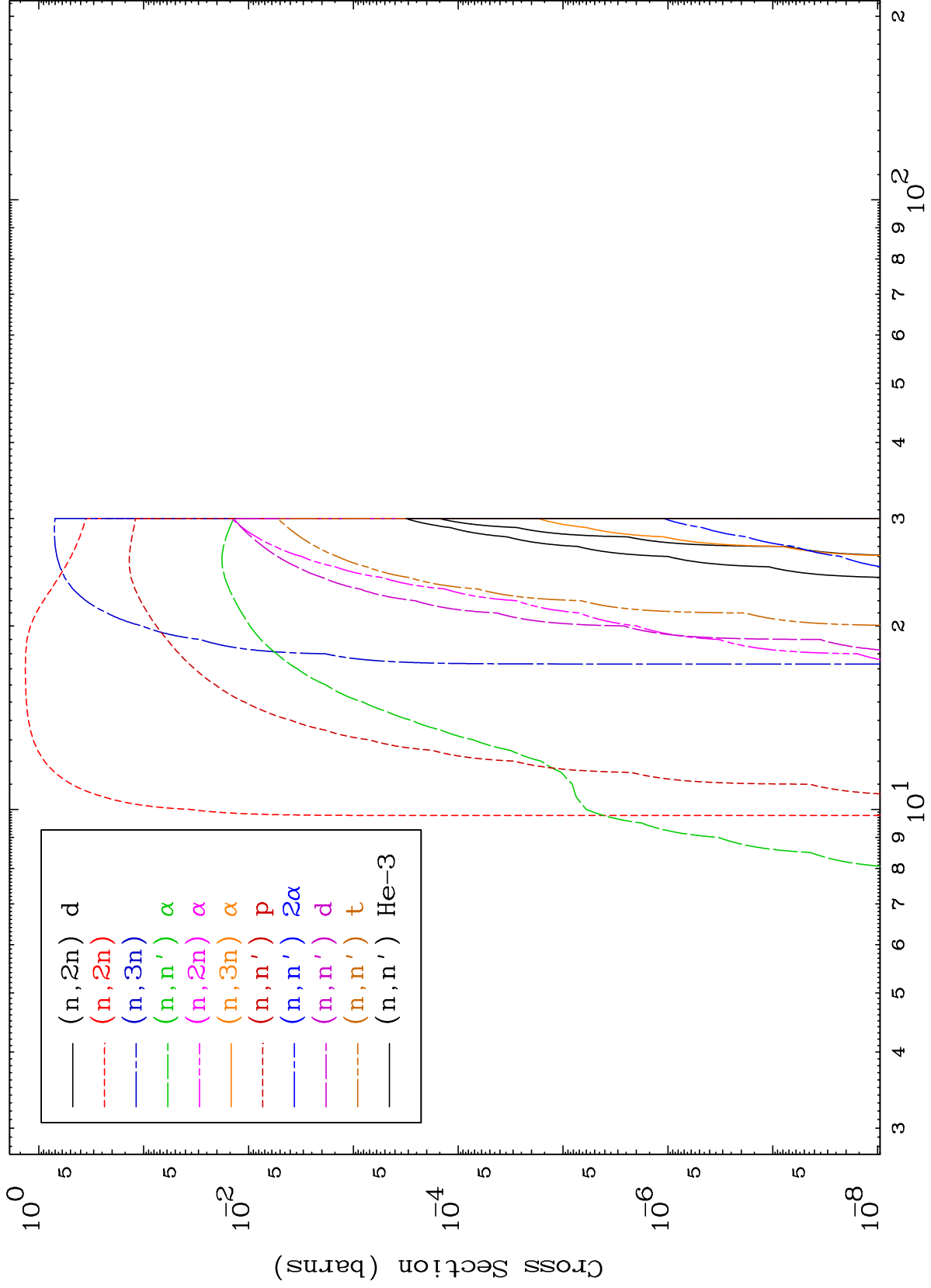
44-Ru-100



MAT 4437

Neutron Absorption
293 Kelvin Cross Sections

44-Ru-100



2

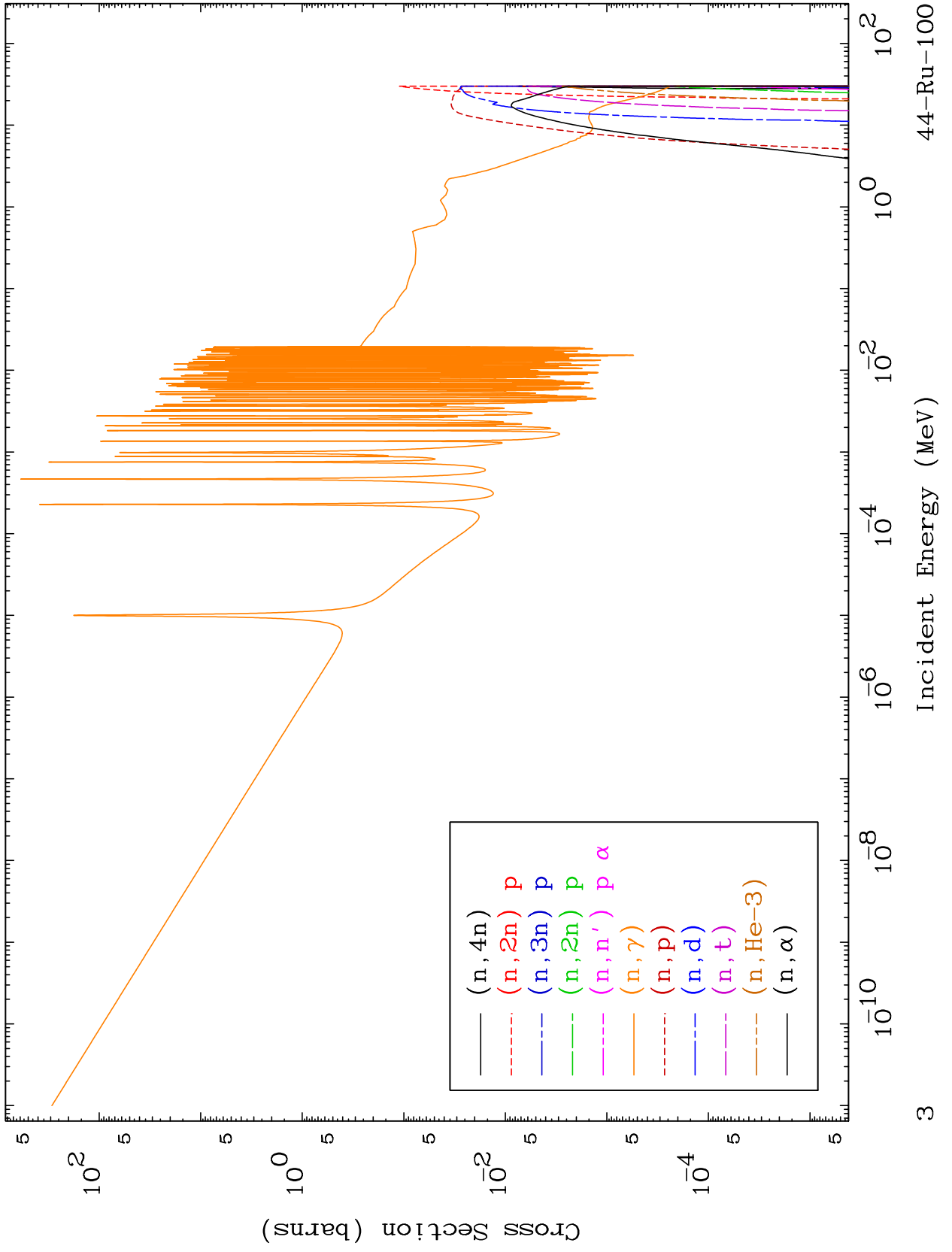
Incident Energy (MeV)

44-Ru-100

MAT 4437

Neutron Absorption
293 Kelvin Cross Sections

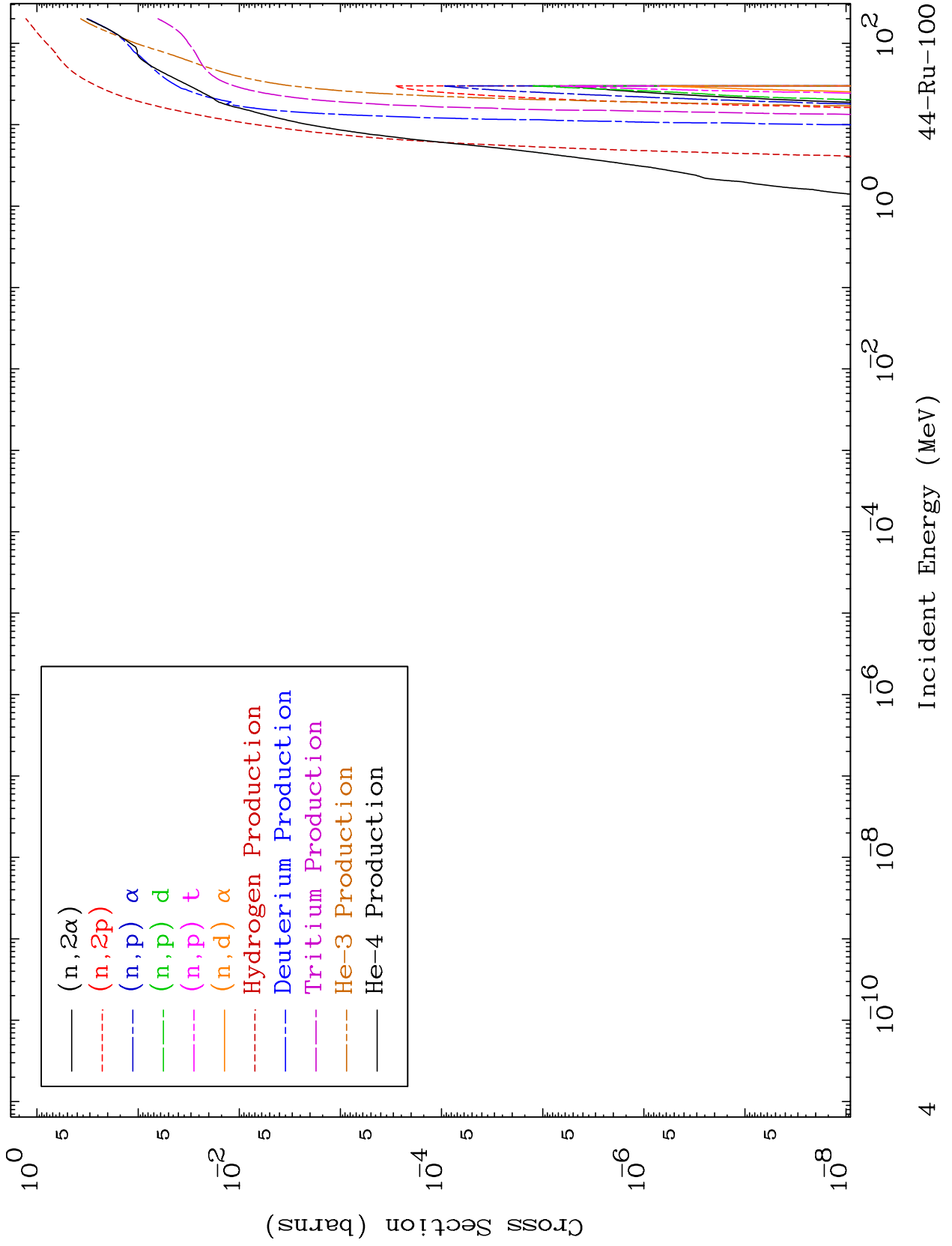
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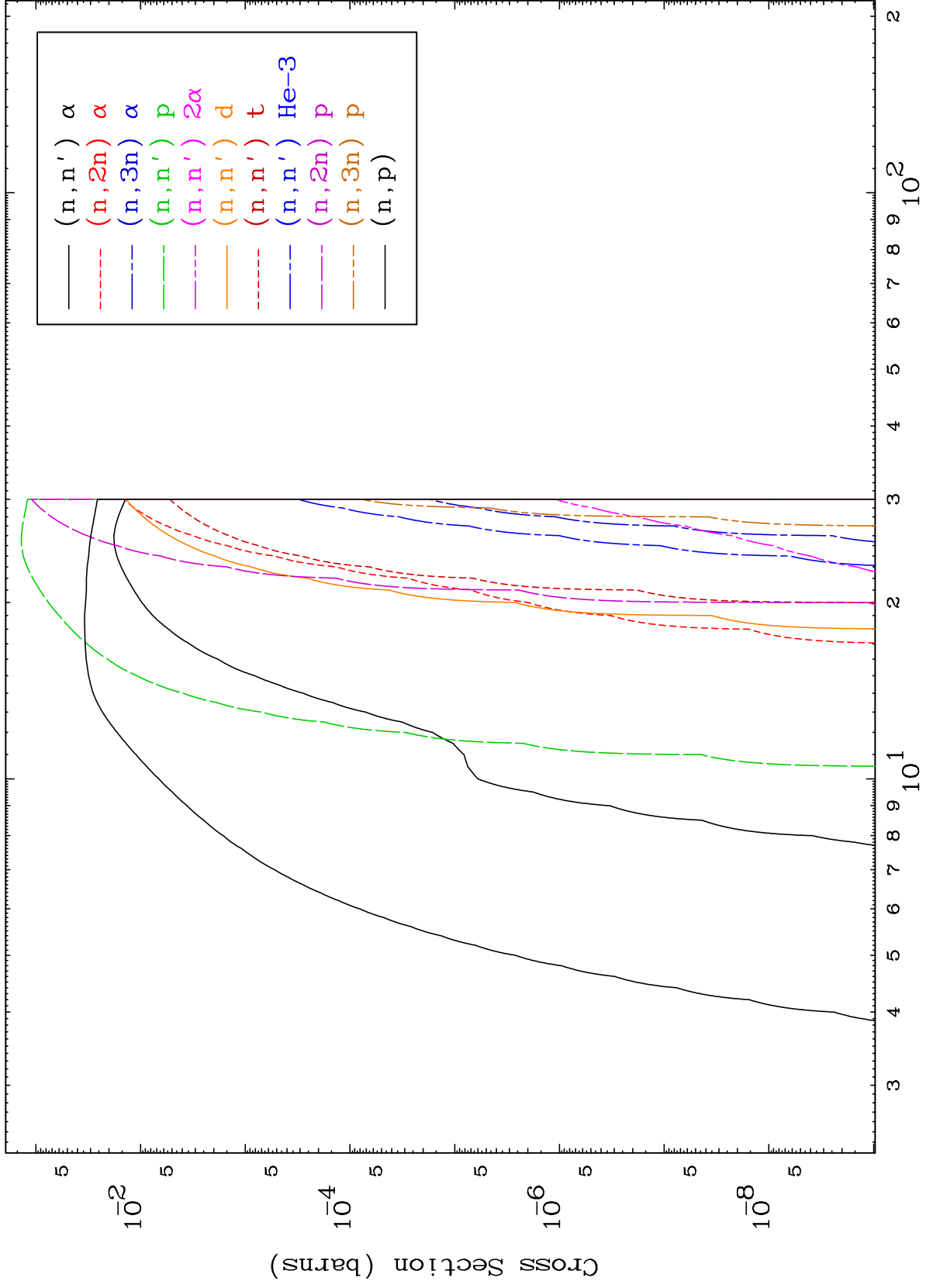


MAT 4437

Neutron Absorption
293 Kelvin Cross Sections

44-Ru-100

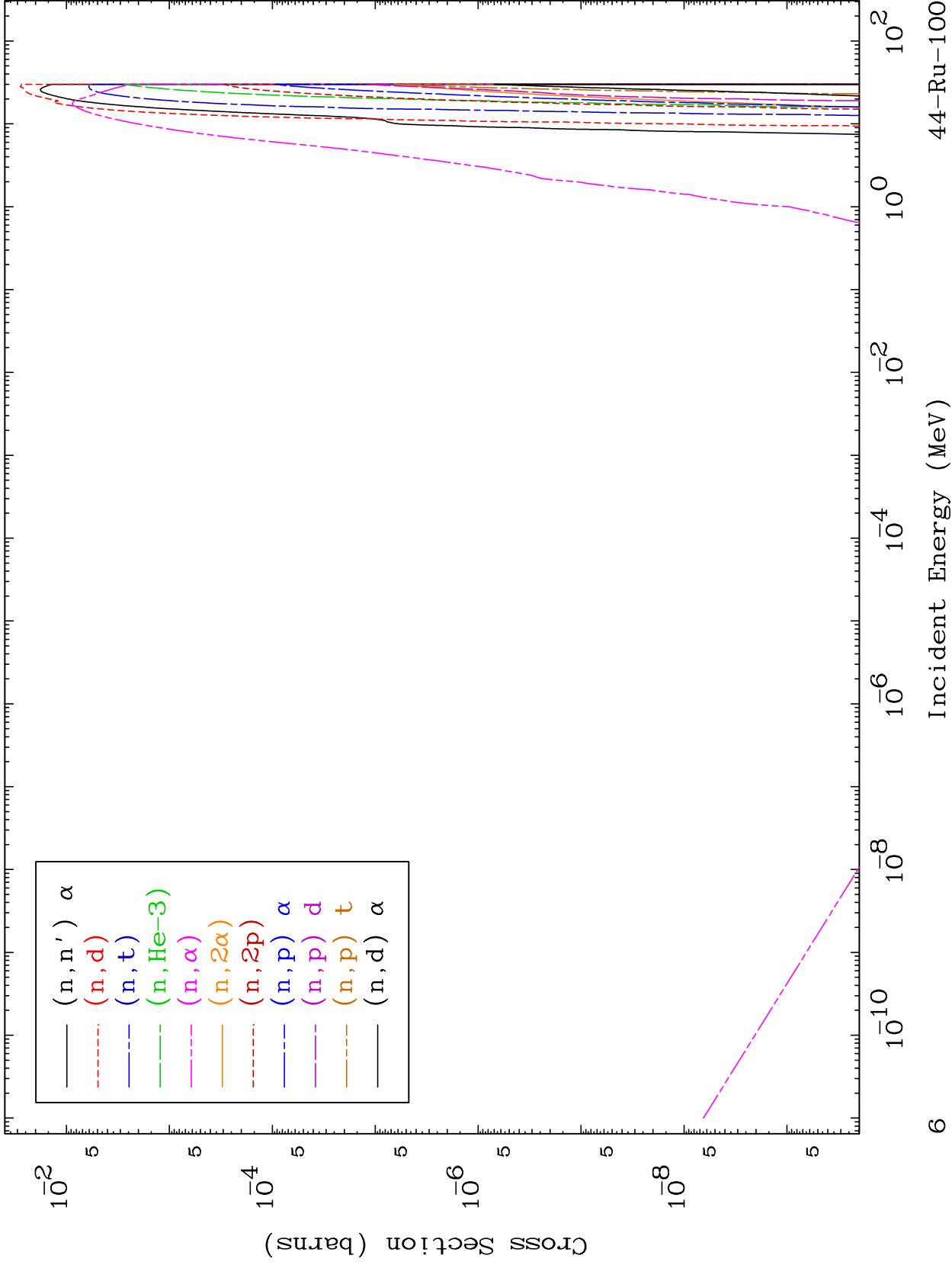




MAT 4437

Charged Particle
293 Kelvin Cross Sections

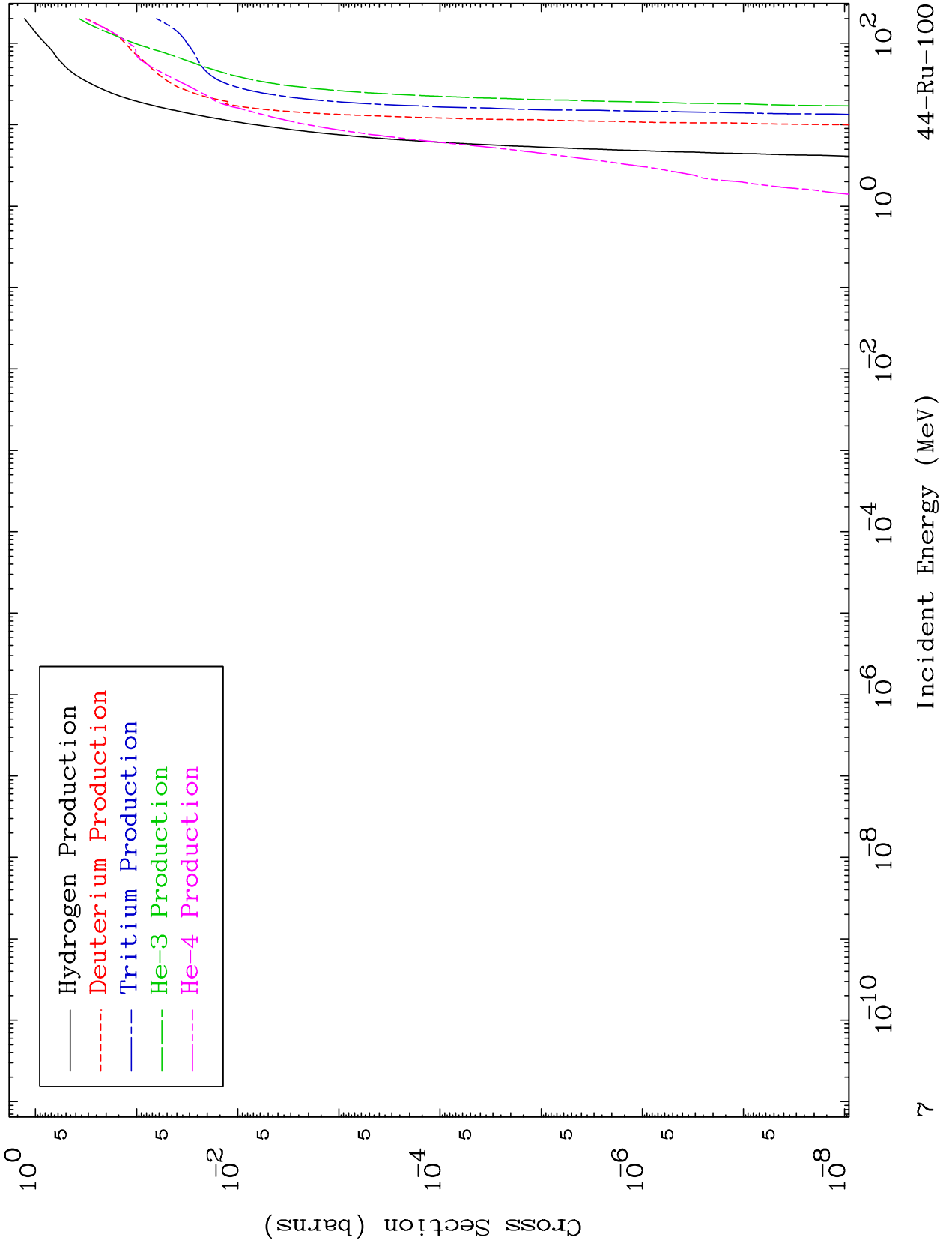
44-Ru-100



MAT 4437

Particle Production
293 Kelvin Cross Sections

44-Ru-100

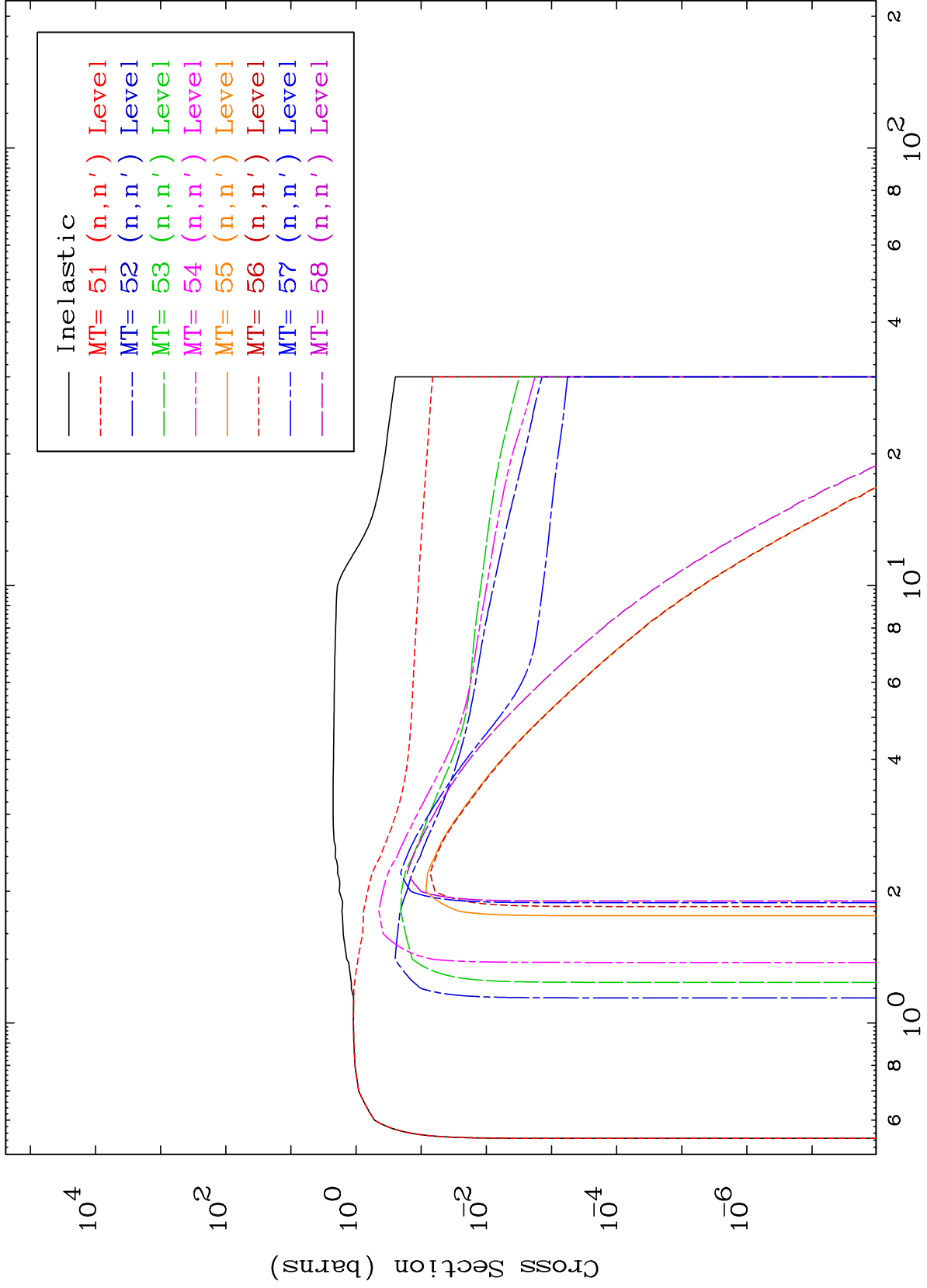


MAT 4437

(n,n') Levels

44-Ru-100

293 Kelvin Cross Sections



8

Incident Energy (MeV)

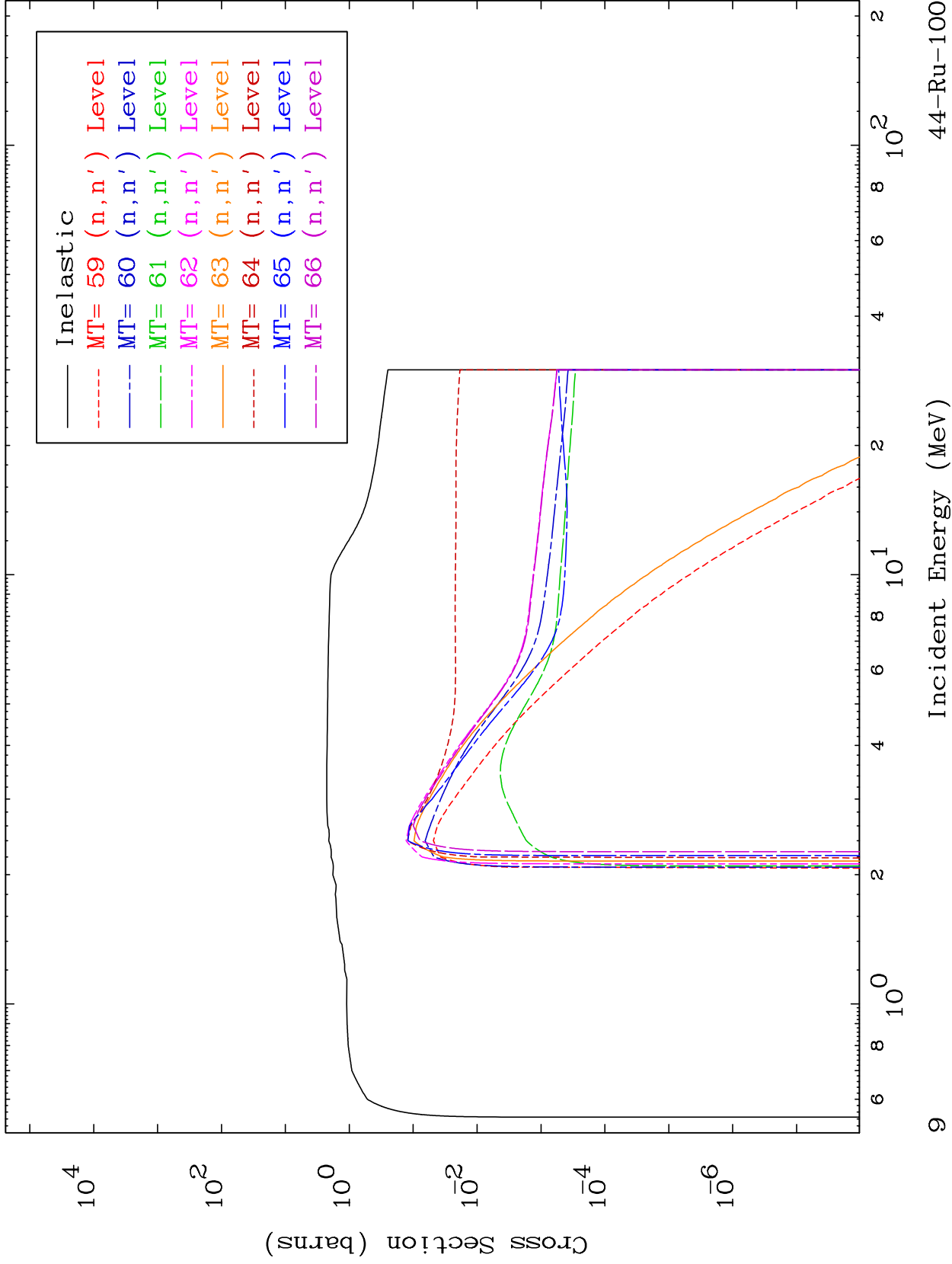
44-Ru-100

MAT 4437

(n,n') Levels

44-Ru-100

293 Kelvin Cross Sections

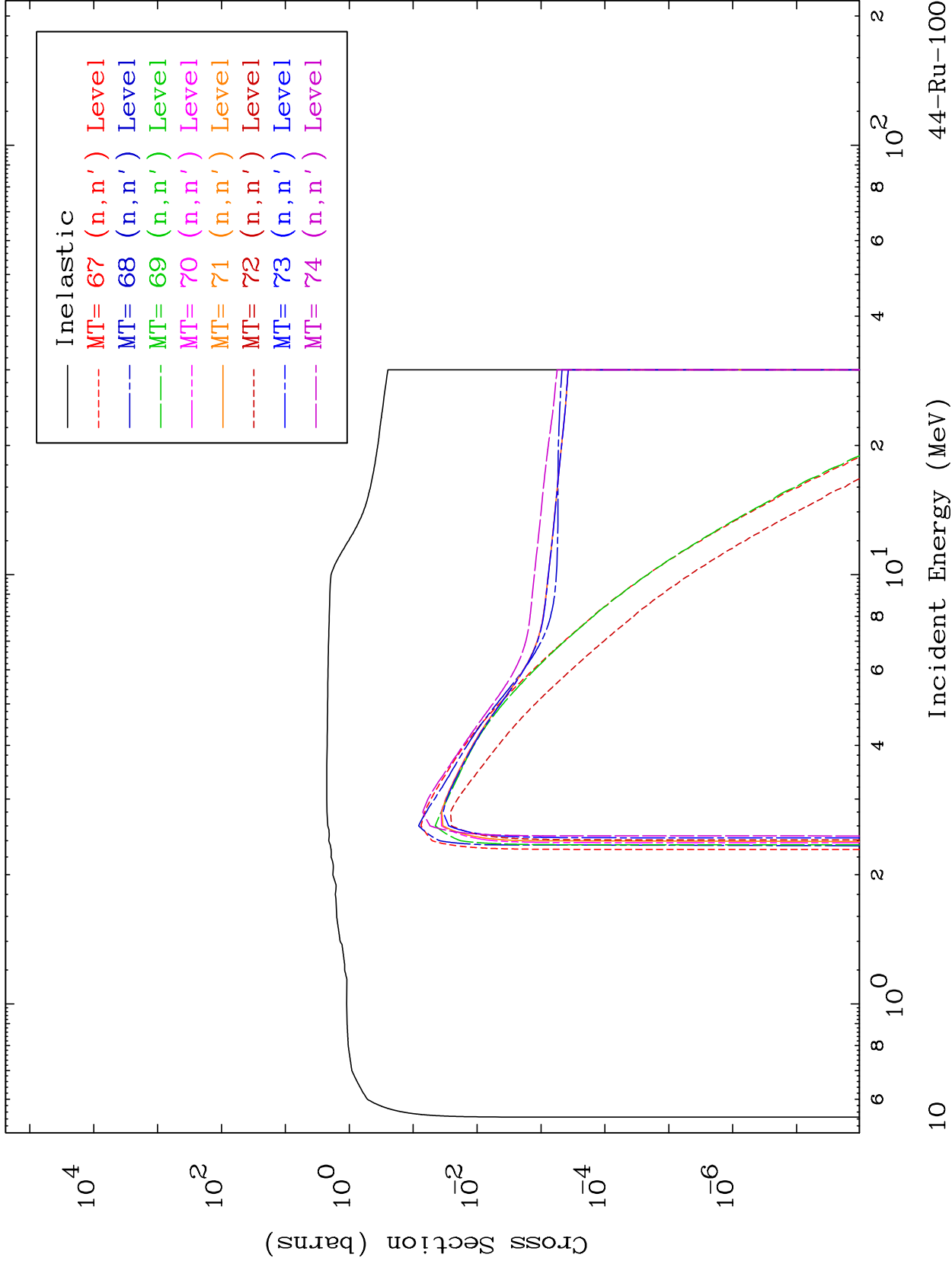


MAT 4437

(n,n') Levels

44-Ru-100

293 Kelvin Cross Sections



10

Incident Energy (MeV)

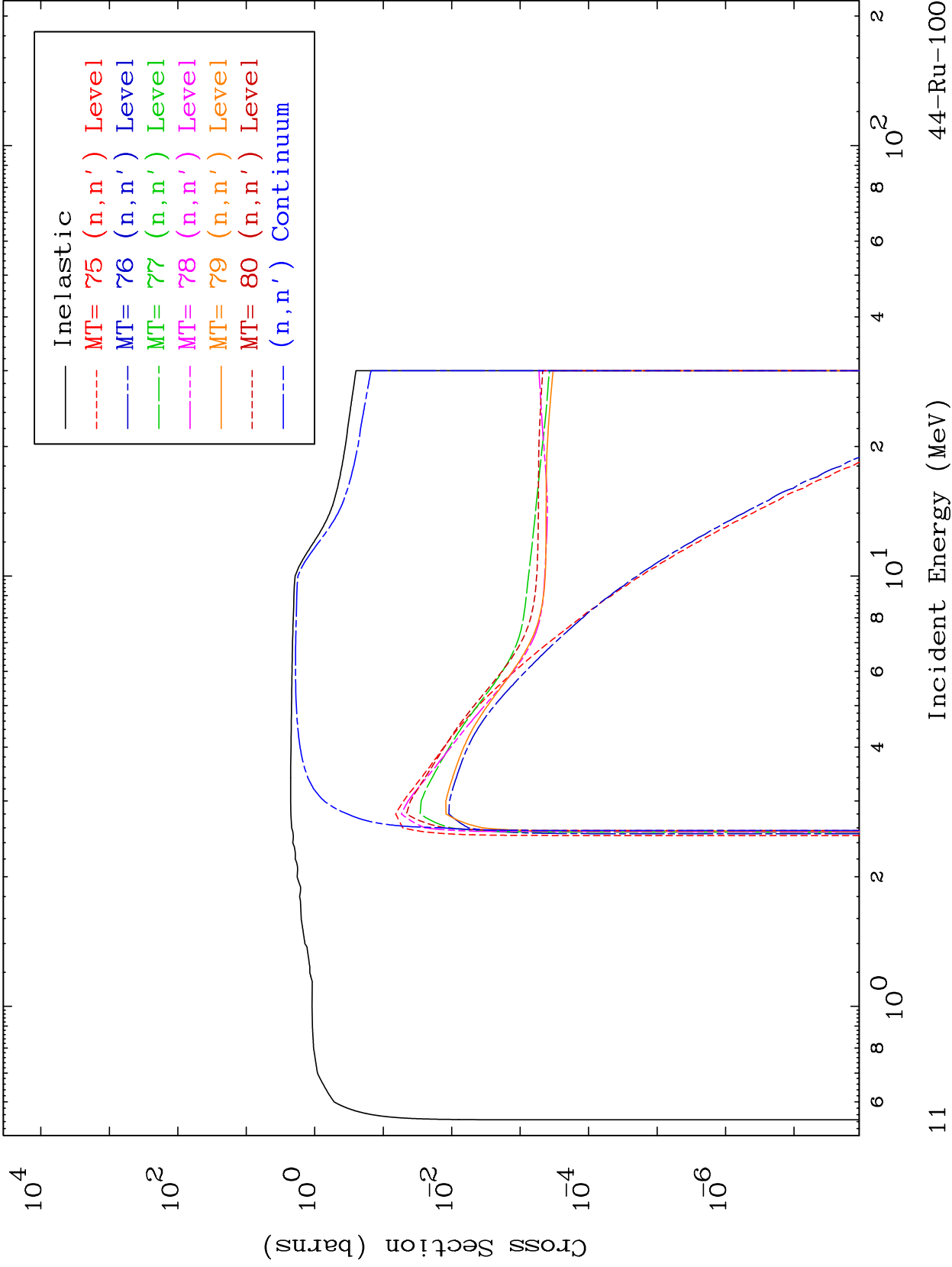
44-Ru-100

MAT 4437

(n,n') Levels

44-Ru-100

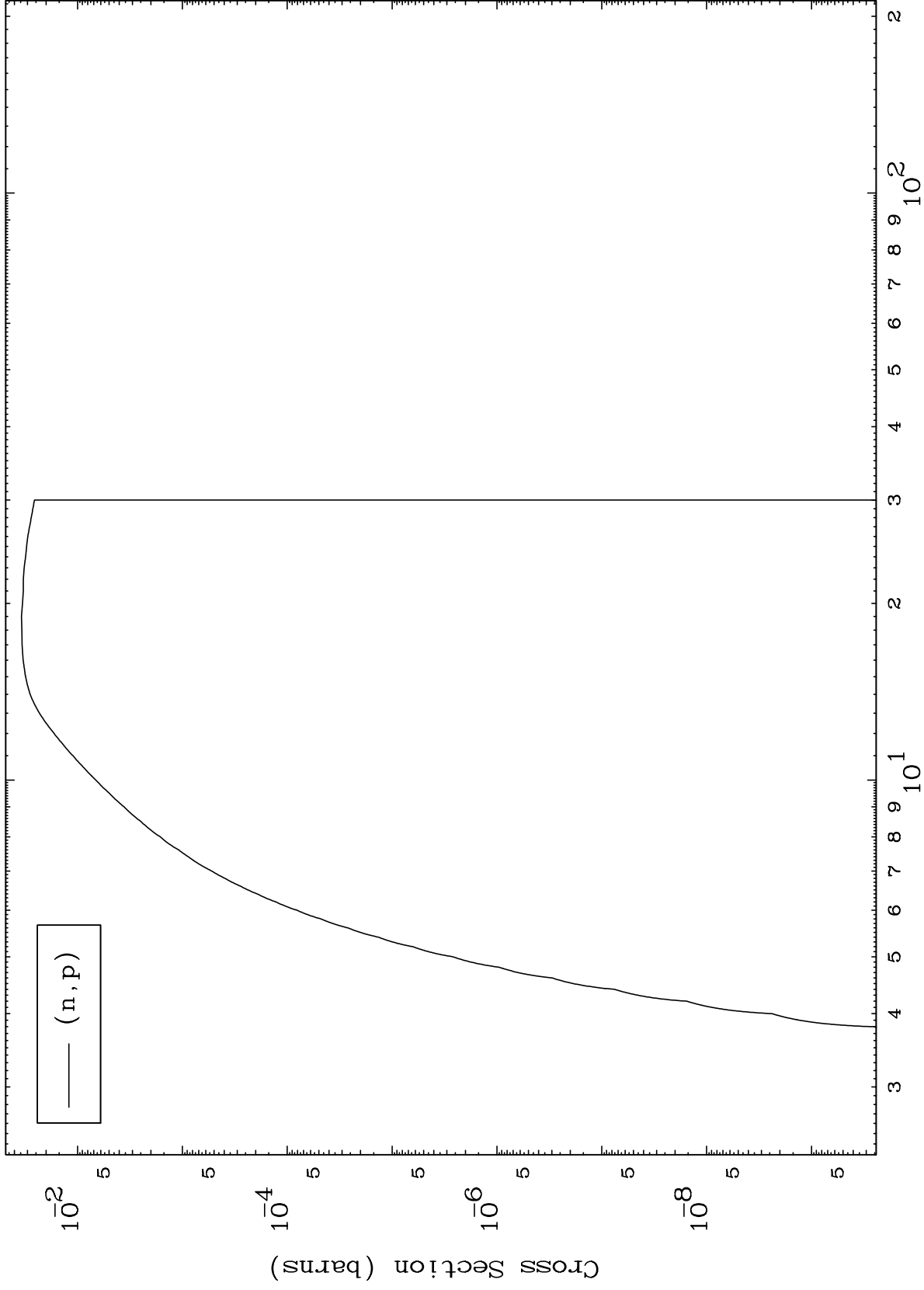
293 Kelvin Cross Sections



MAT 4437

(n,p) Levels
293 Kelvin Cross Sections

44-Ru-100



12

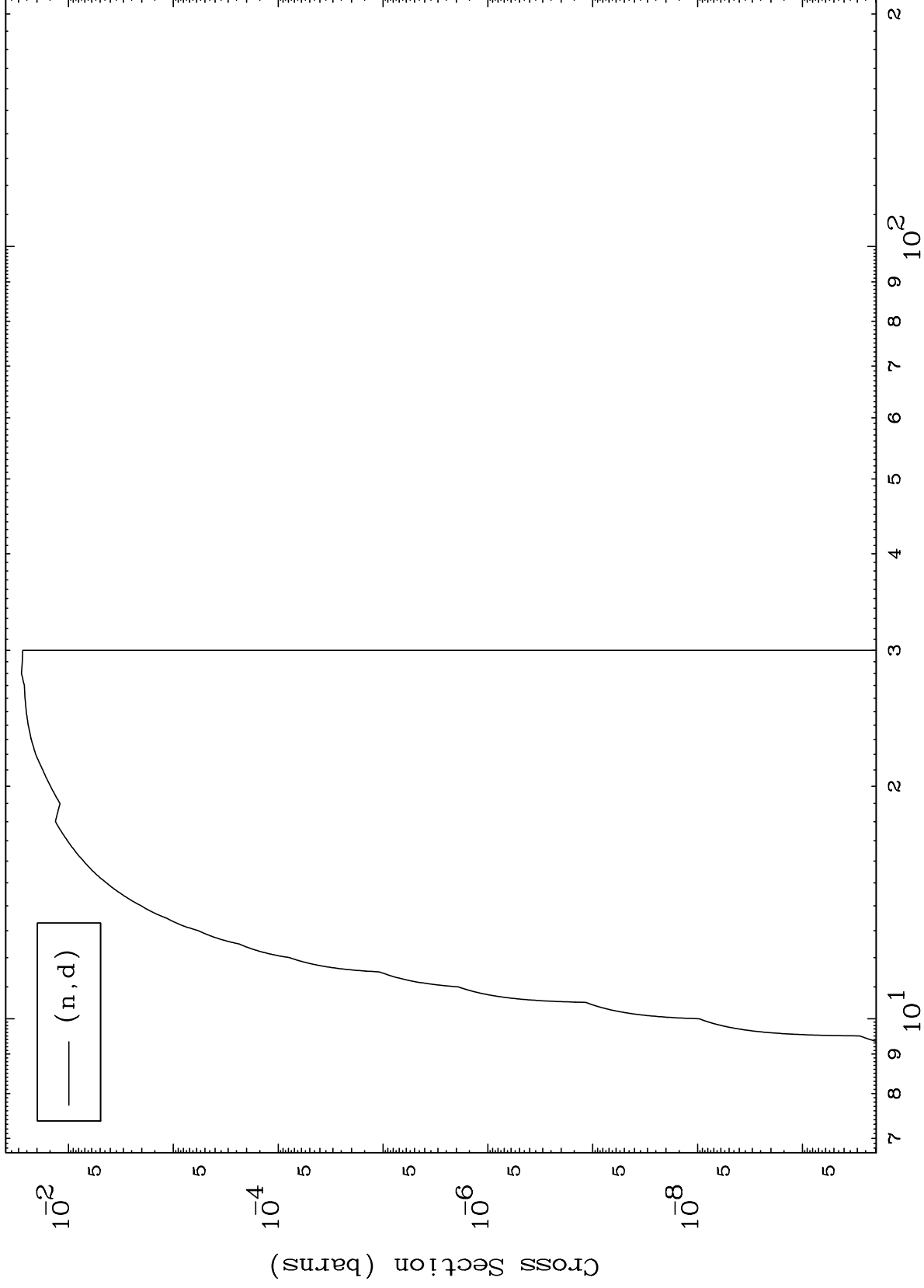
Incident Energy (MeV)

44-Ru-100

MAT 4437

(n,d) Levels
293 Kelvin Cross Sections

44-Ru-100



13

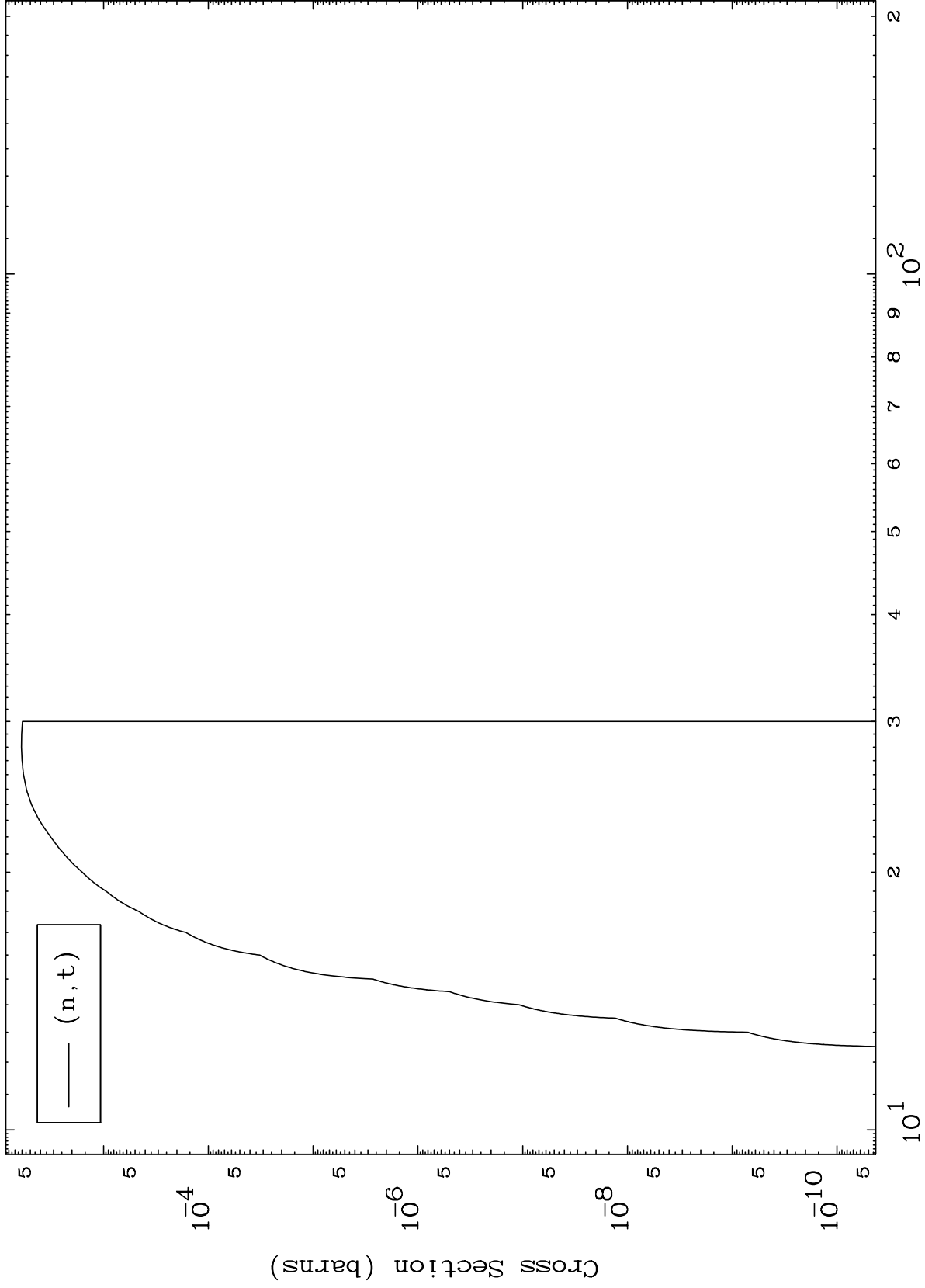
Incident Energy (MeV)

44-Ru-100

MAT 4437

(n,t) Levels
293 Kelvin Cross Sections

44-Ru-100



14

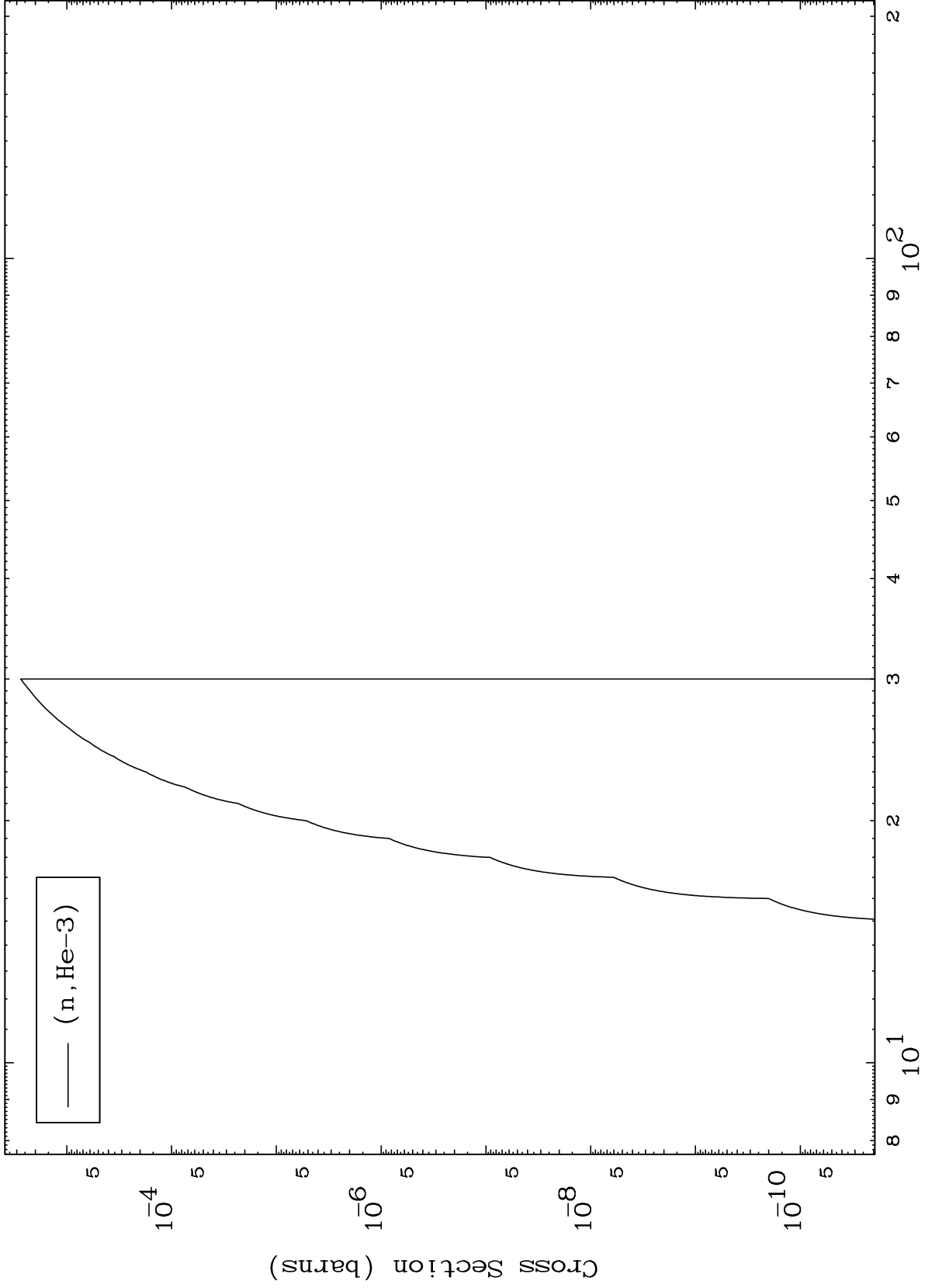
Incident Energy (MeV)

44-Ru-100

MAT 4437

(n,He3) Levels
293 Kelvin Cross Sections

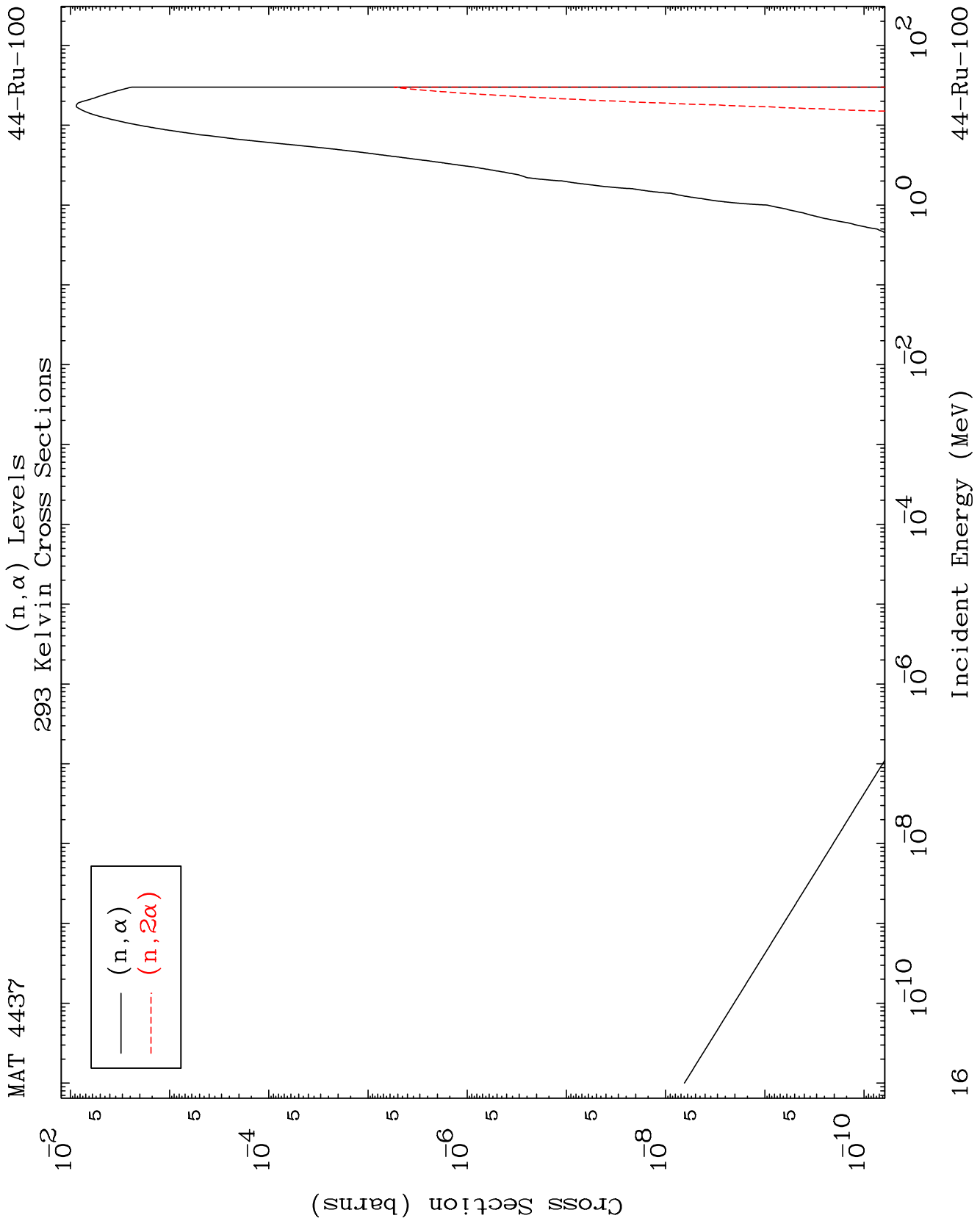
44-Ru-100



15

Incident Energy (MeV)

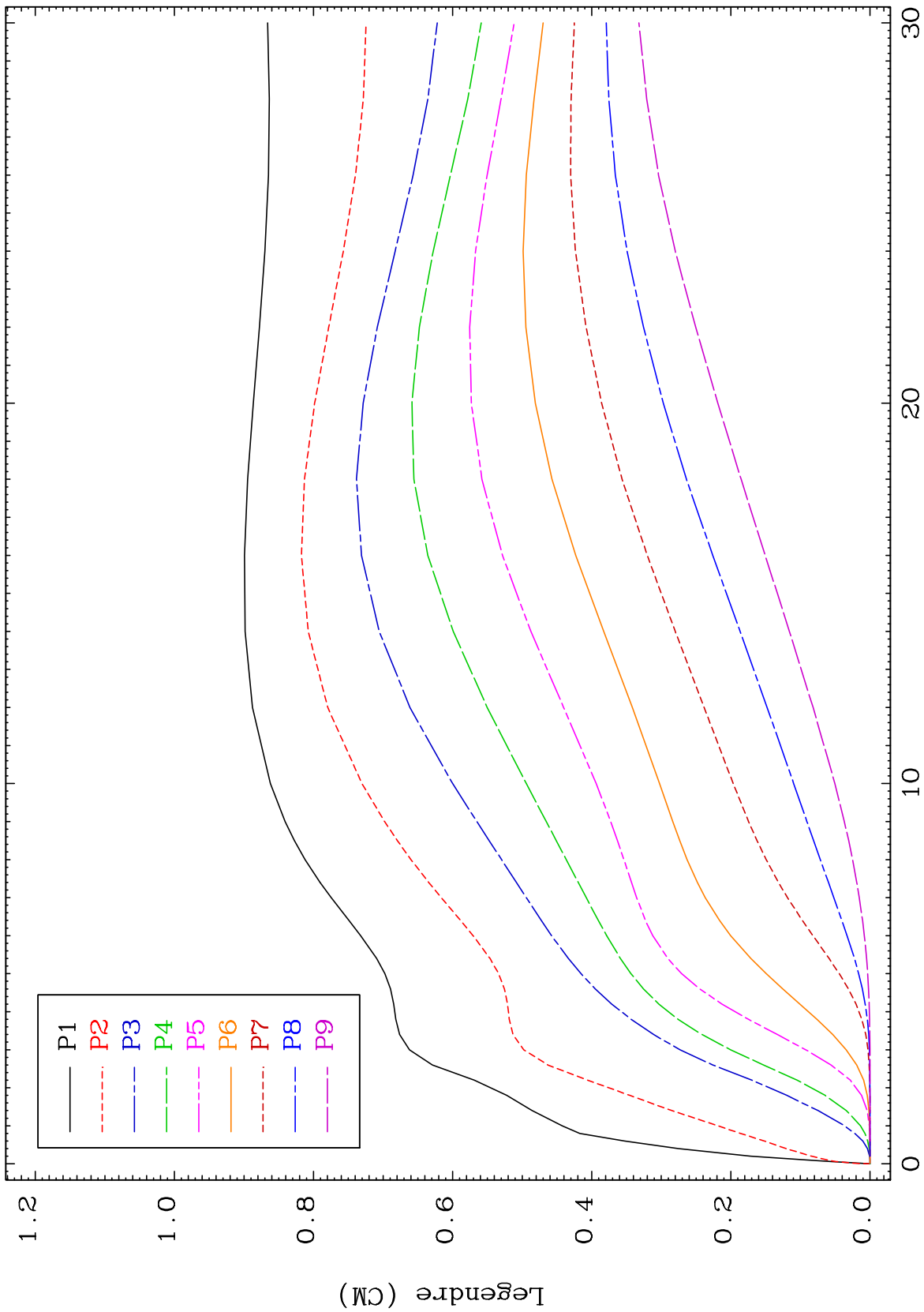
44-Ru-100



MAT 4437

Elastic Legendre Coefficients

44-Ru-100



17

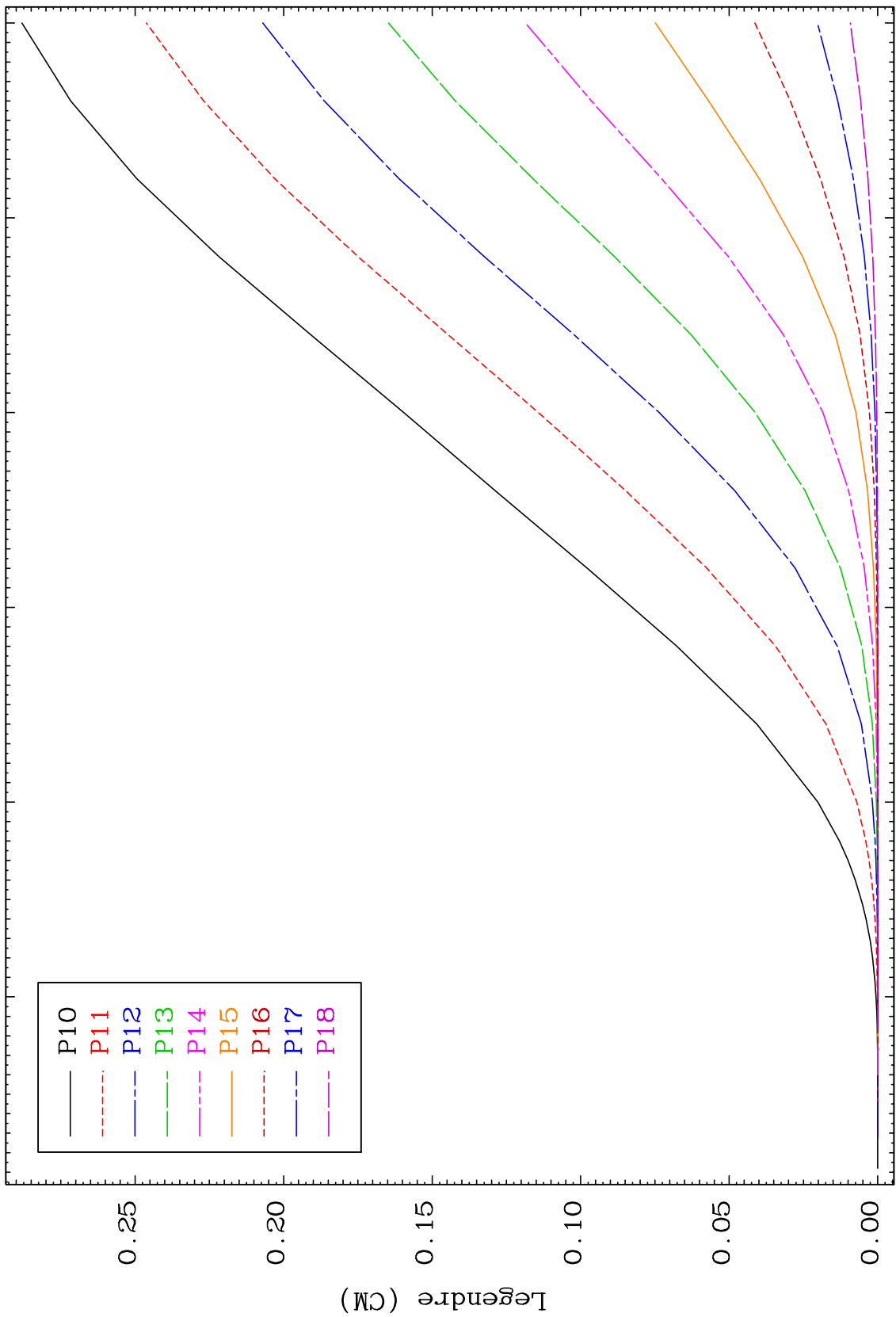
Incident Energy (MeV)

44-Ru-100

MAT 4437

Elastic Legendre Coefficients

44-Ru-100



18

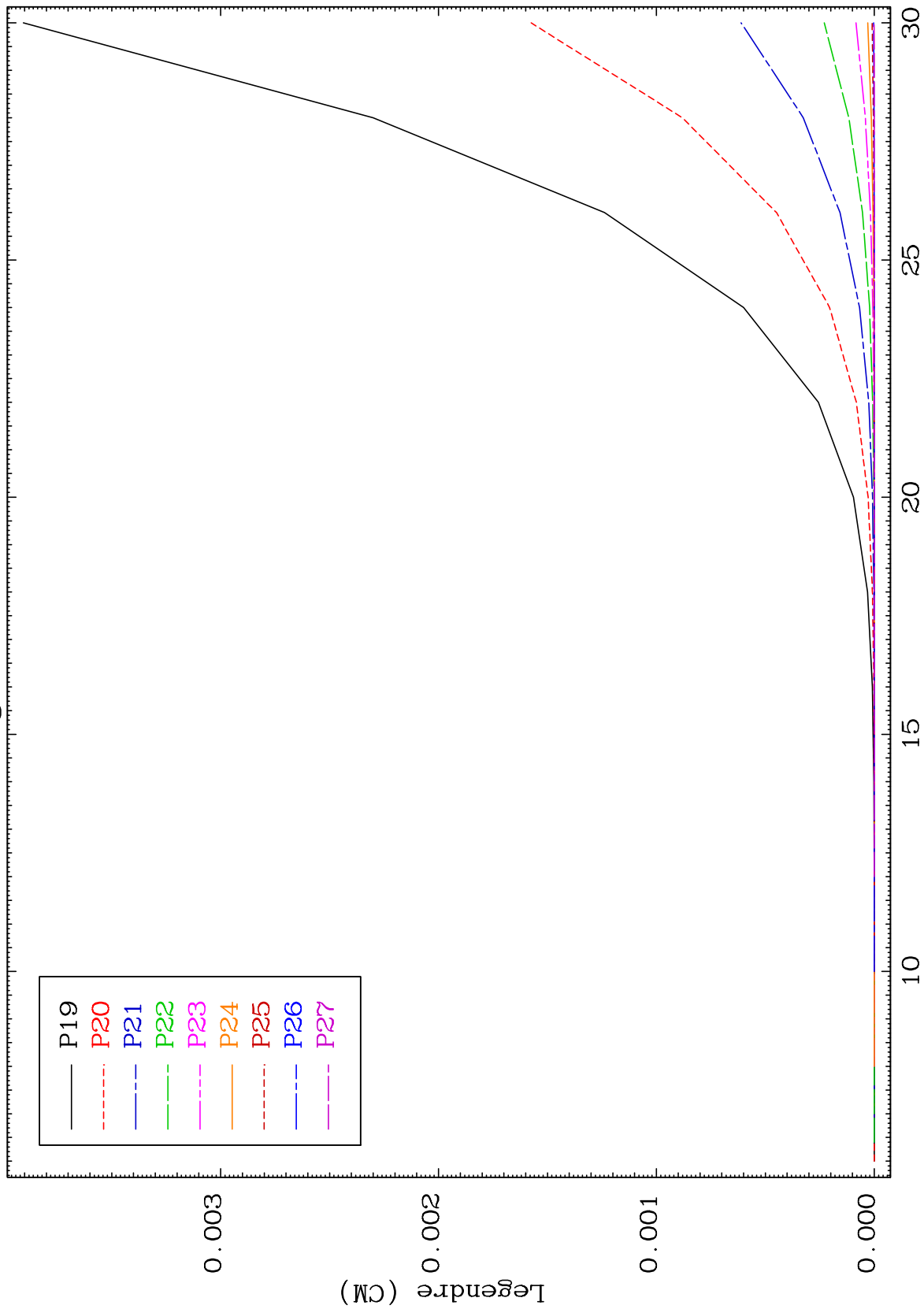
Incident Energy (MeV)

44-Ru-100

MAT 4437

Elastic Legendre Coefficients

44-Ru-100



19

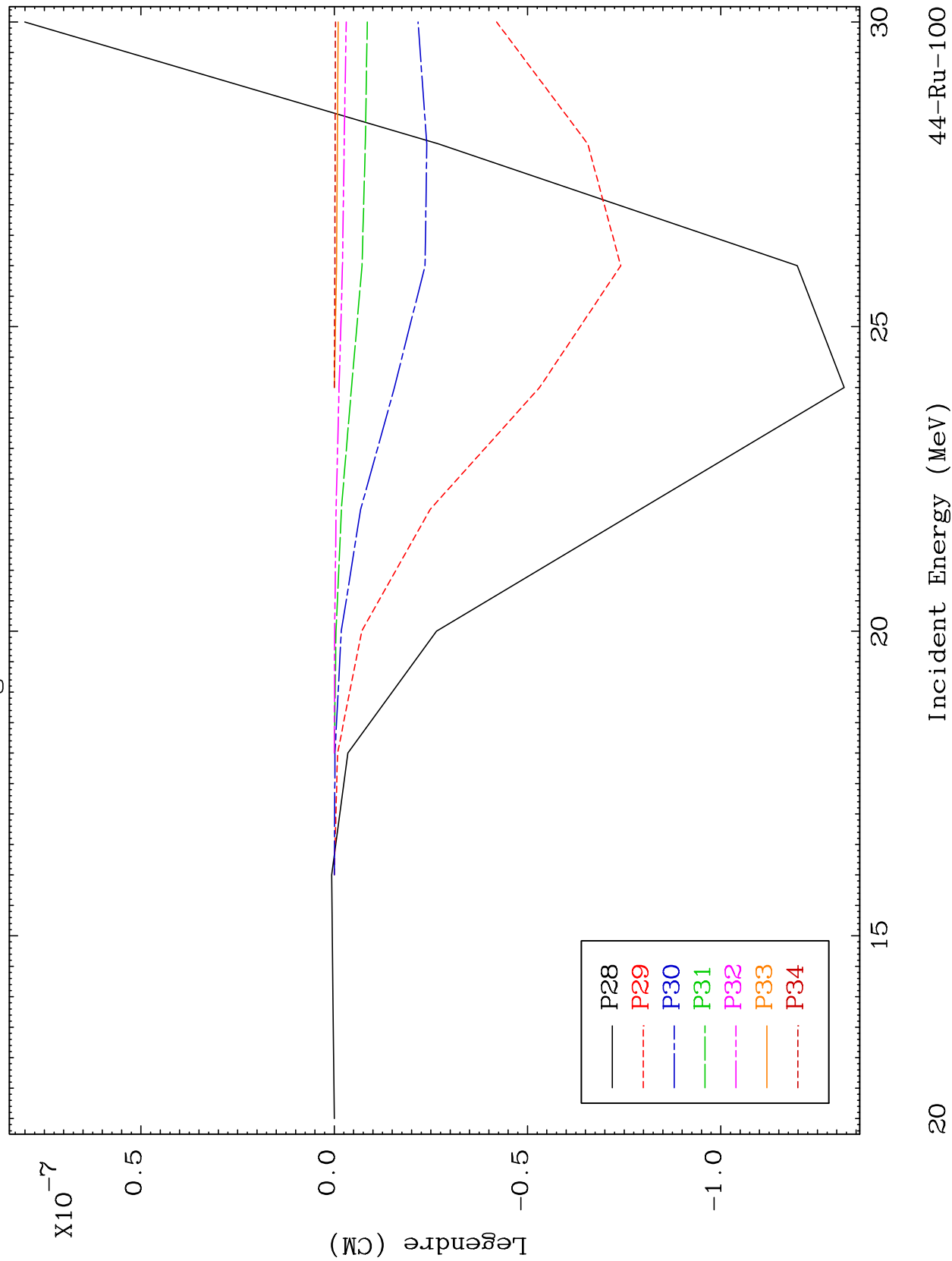
Incident Energy (MeV)

44-Ru-100

MAT 4437

Elastic Legendre Coefficients

44-Ru-100



20

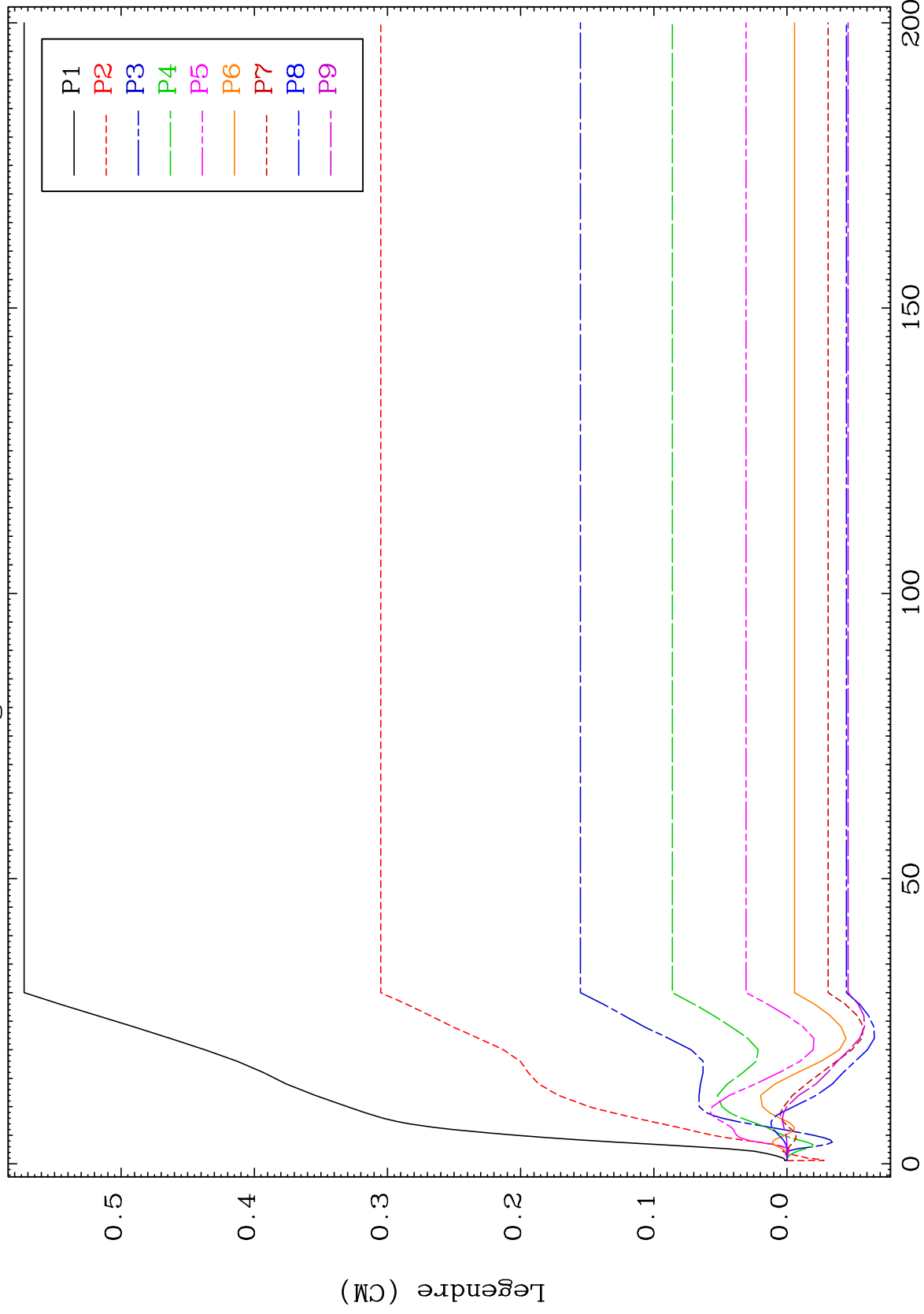
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



21

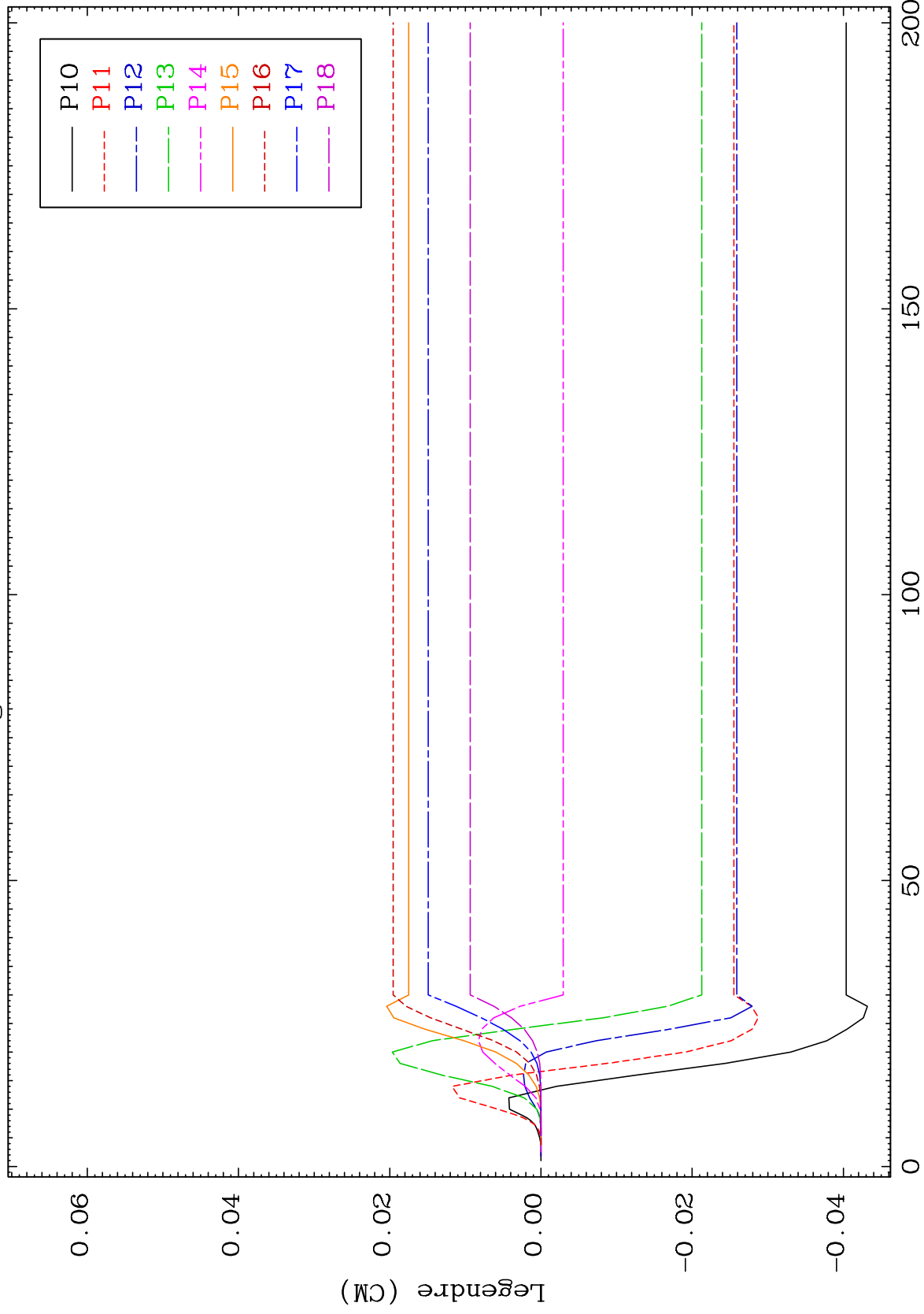
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



22

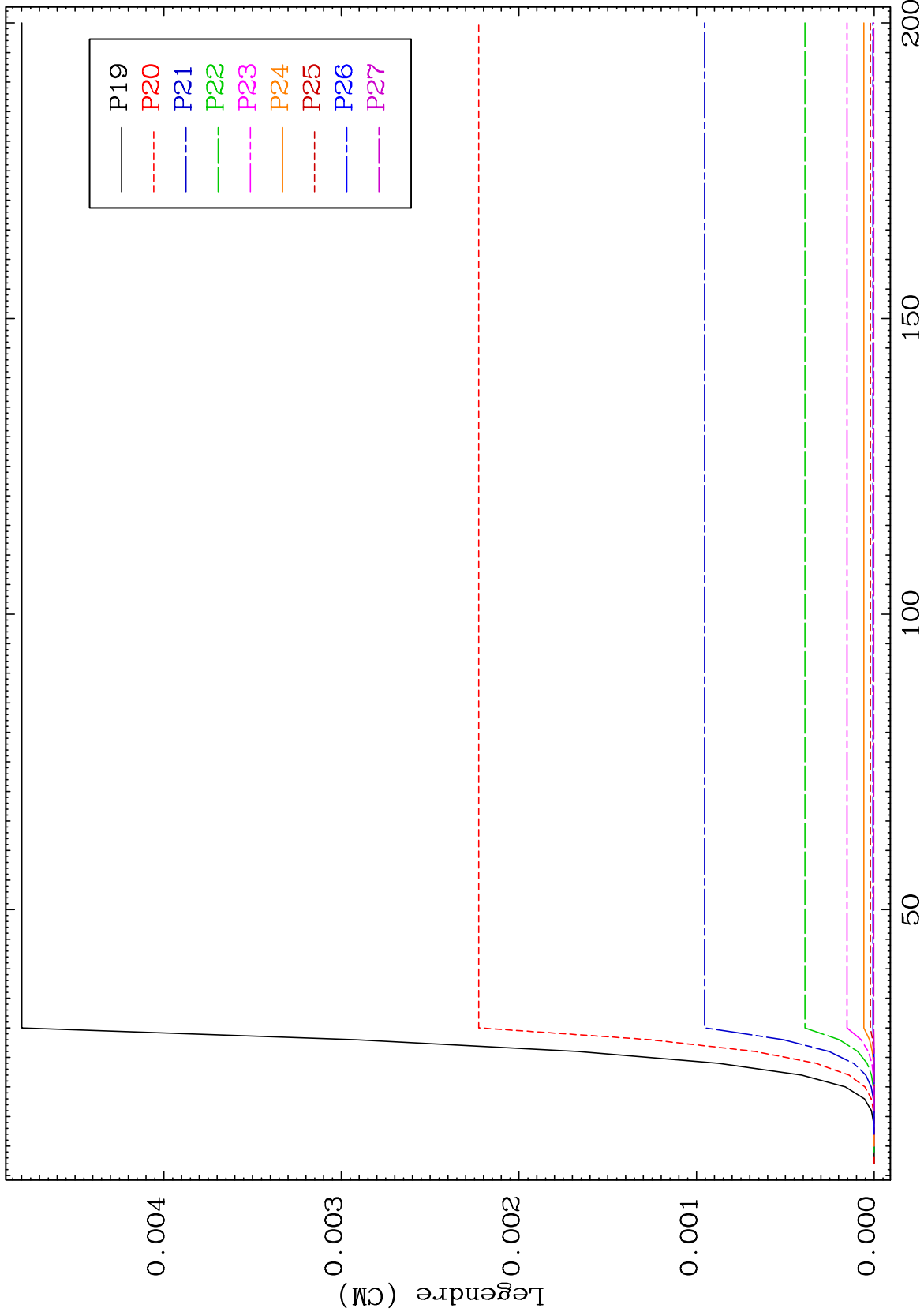
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



23

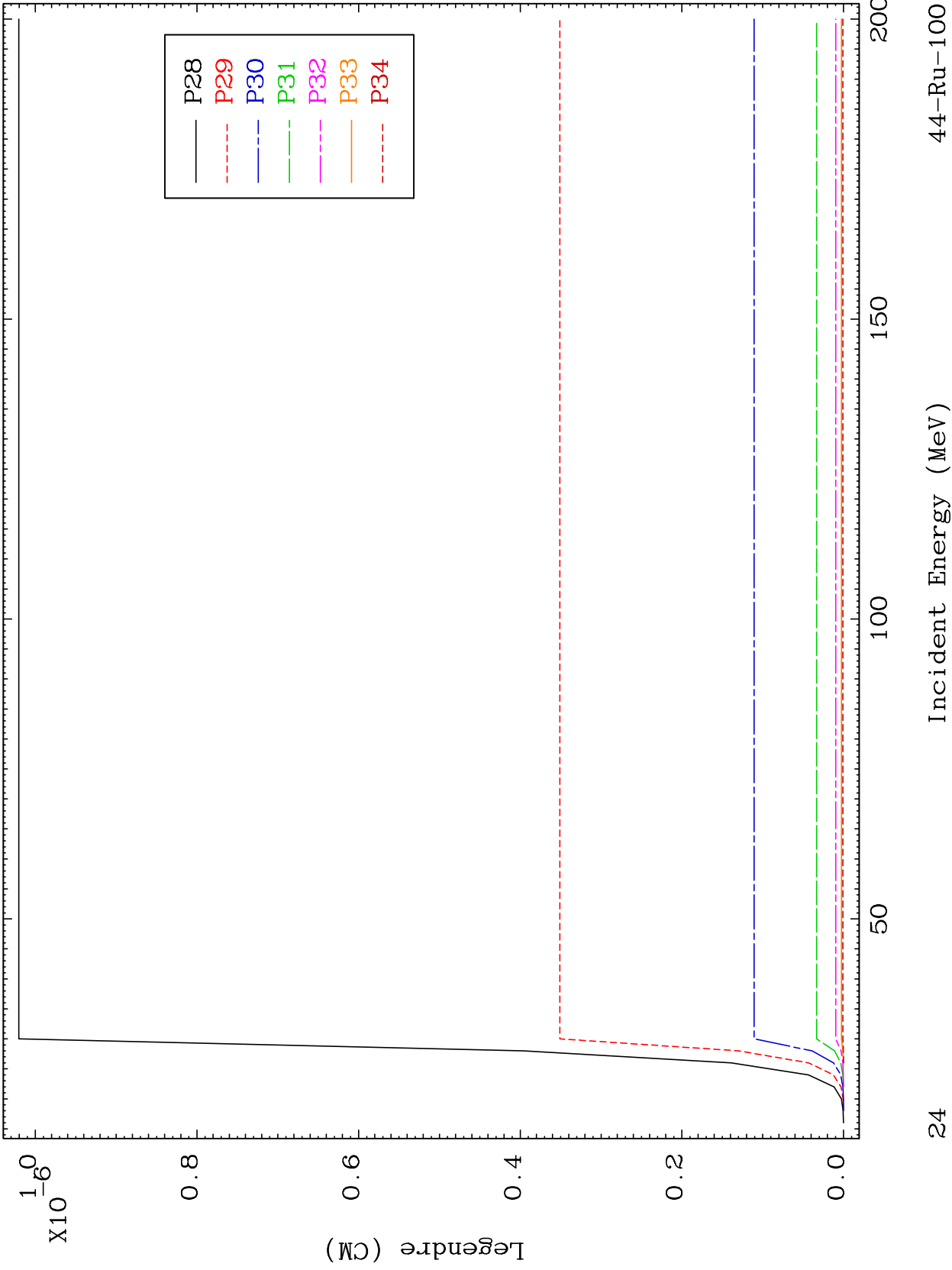
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



24

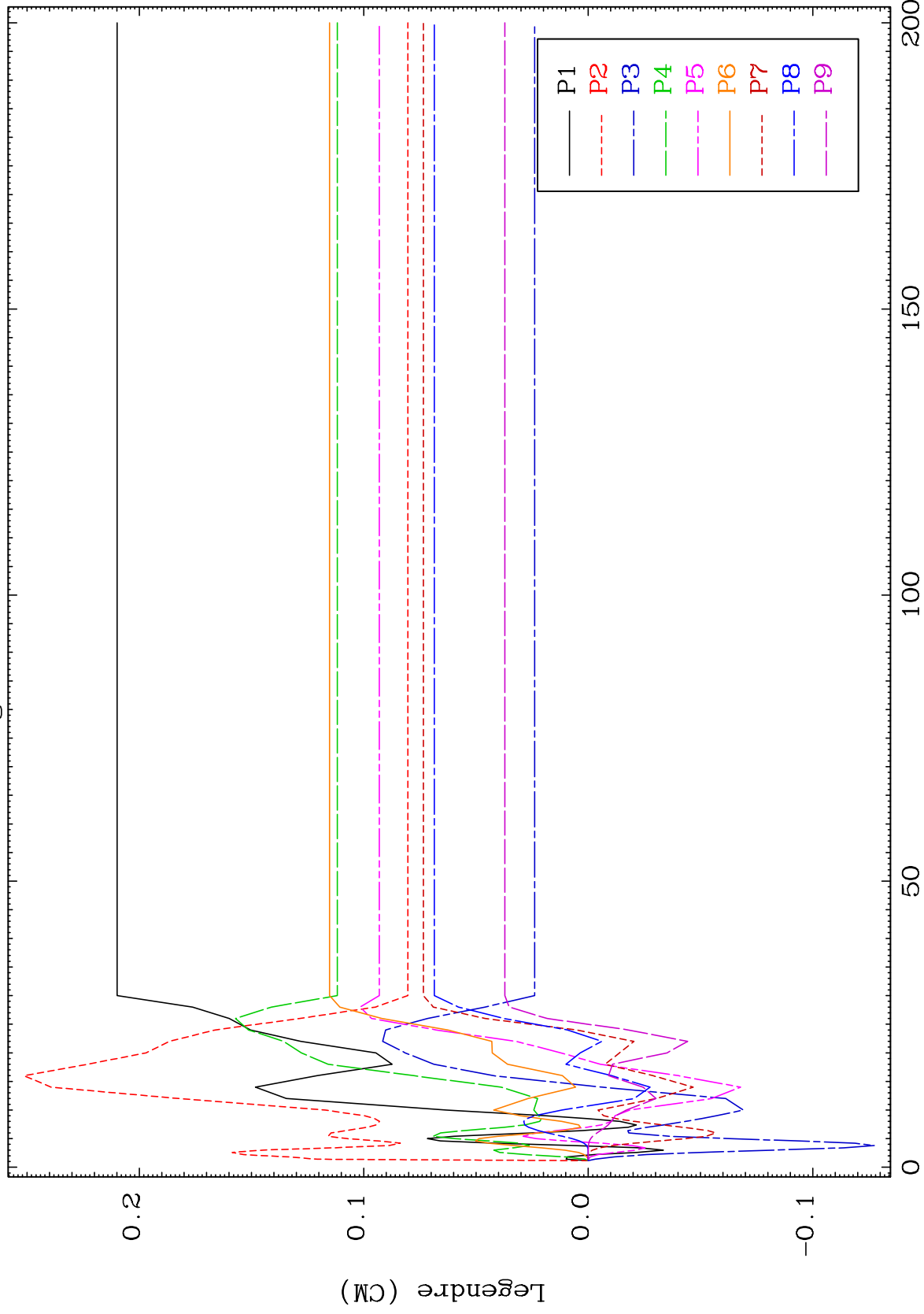
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



25

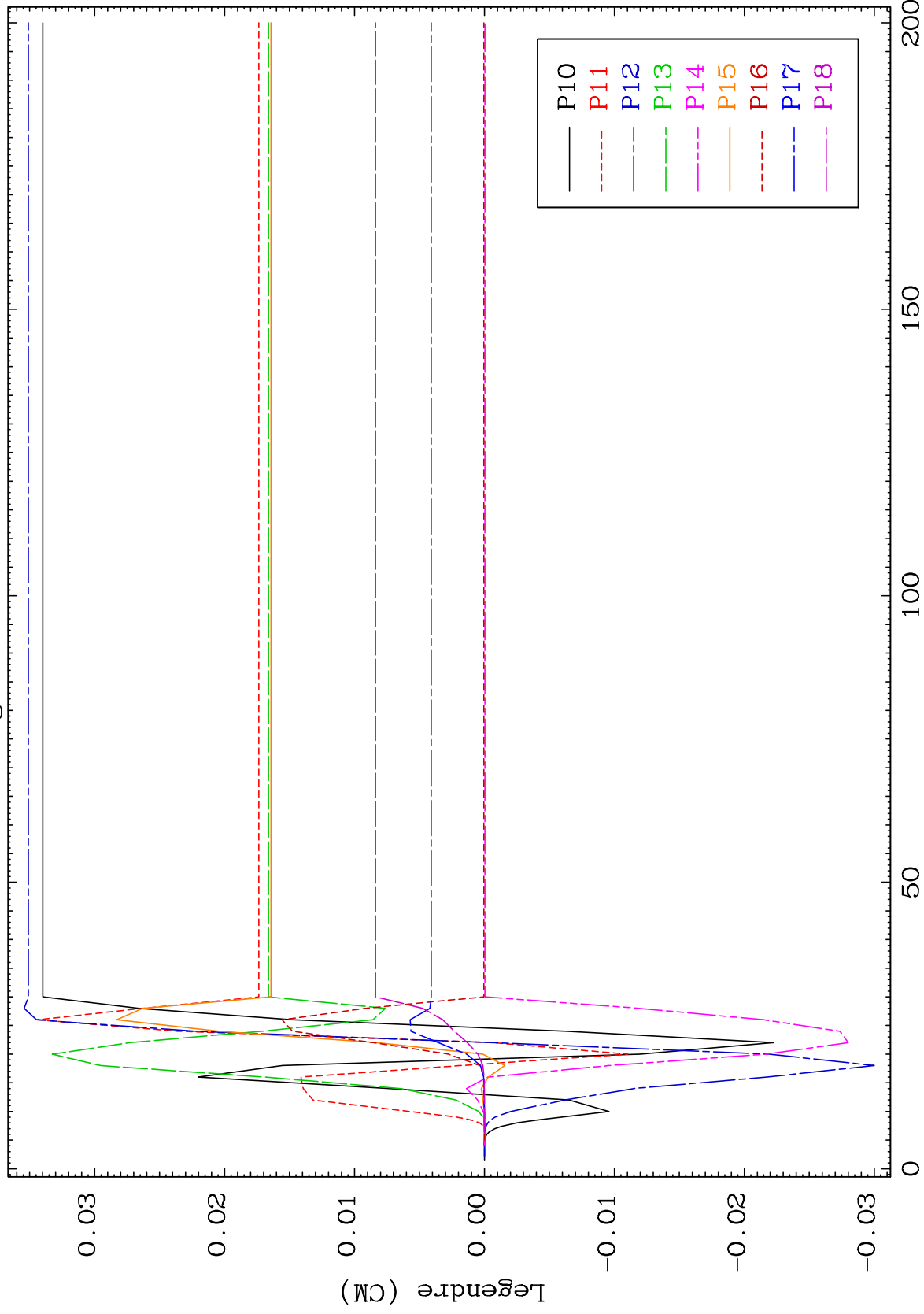
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



26

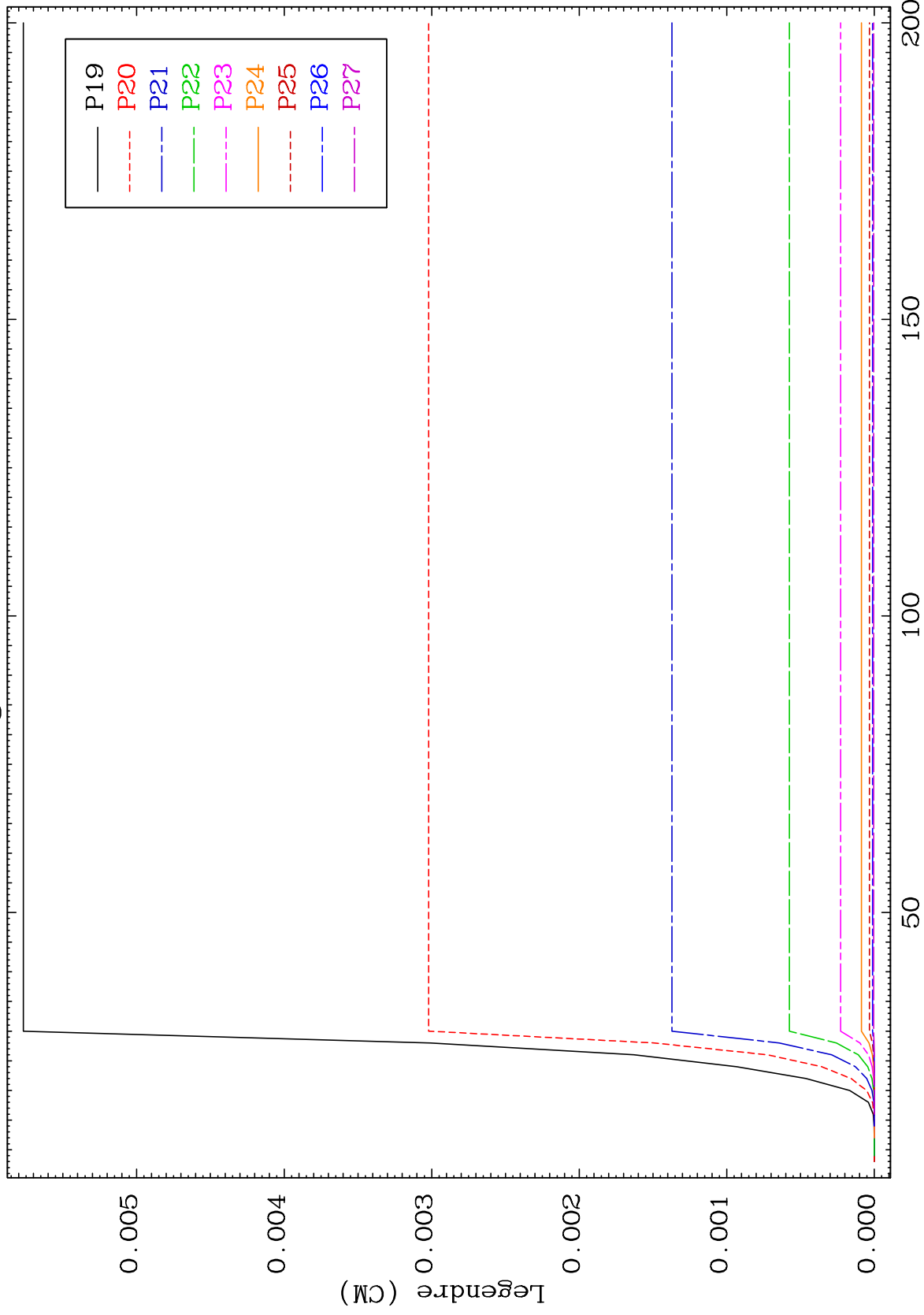
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



27

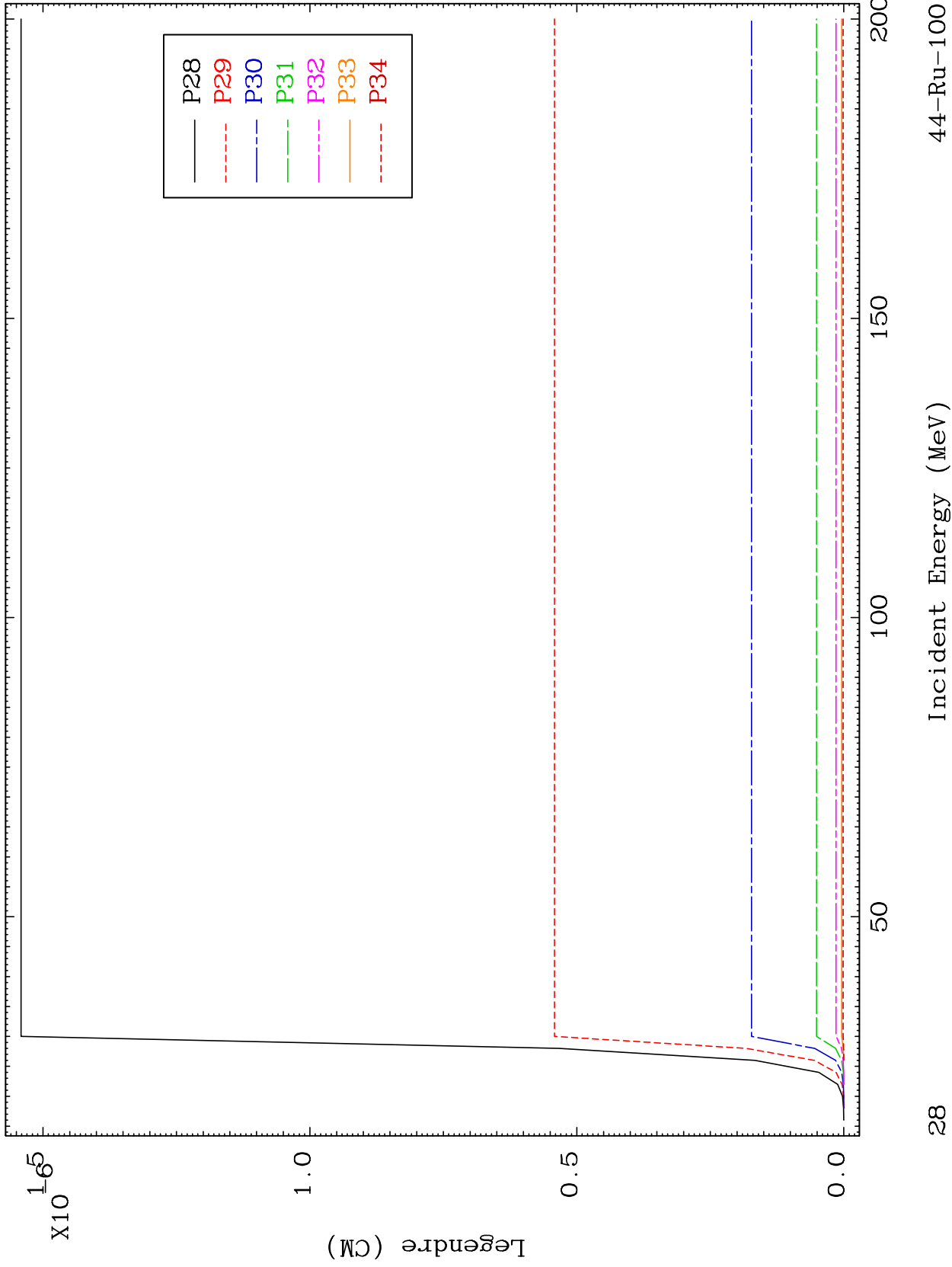
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100

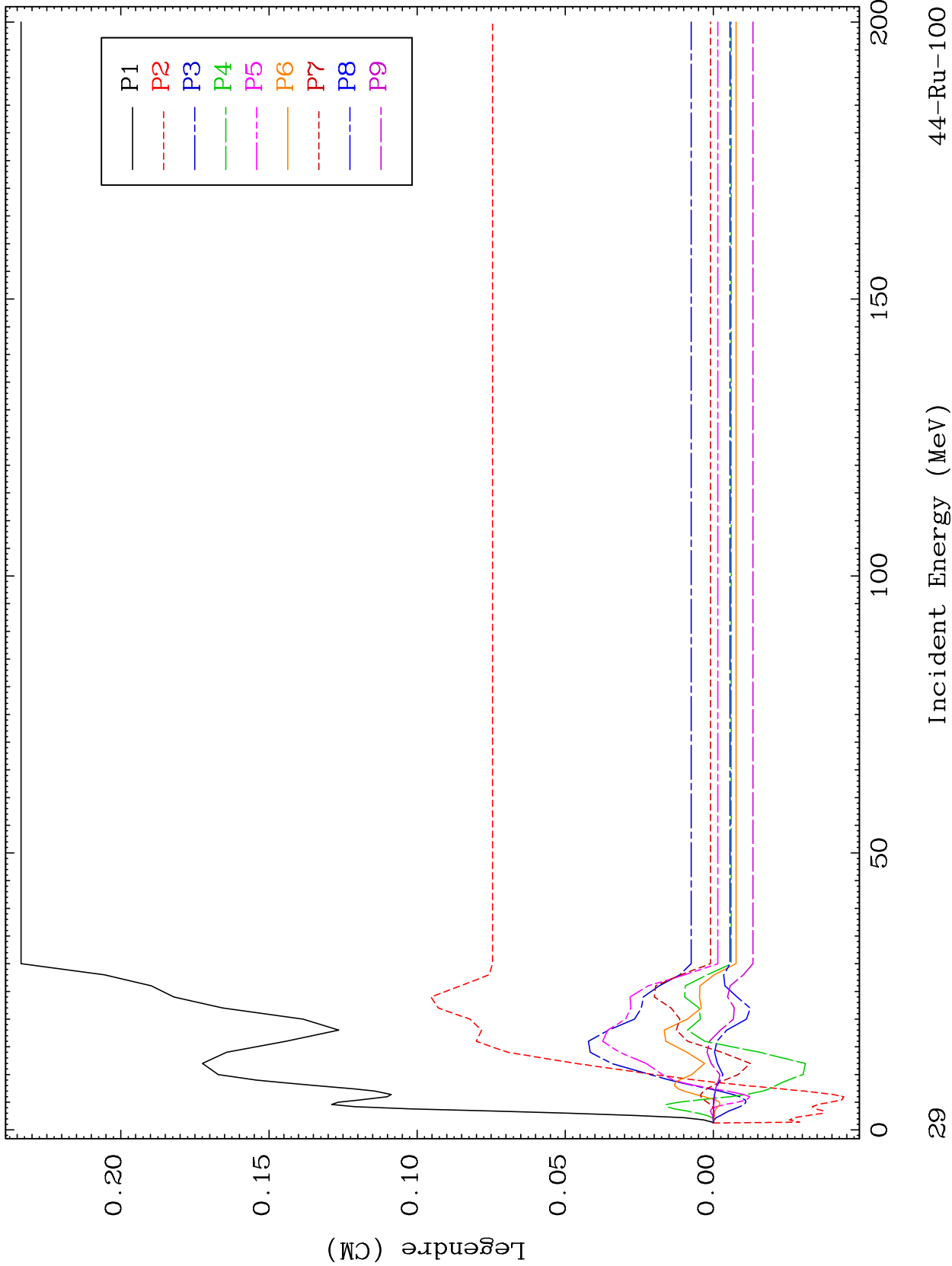


28

MAT 4437

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

44-Ru-100



29

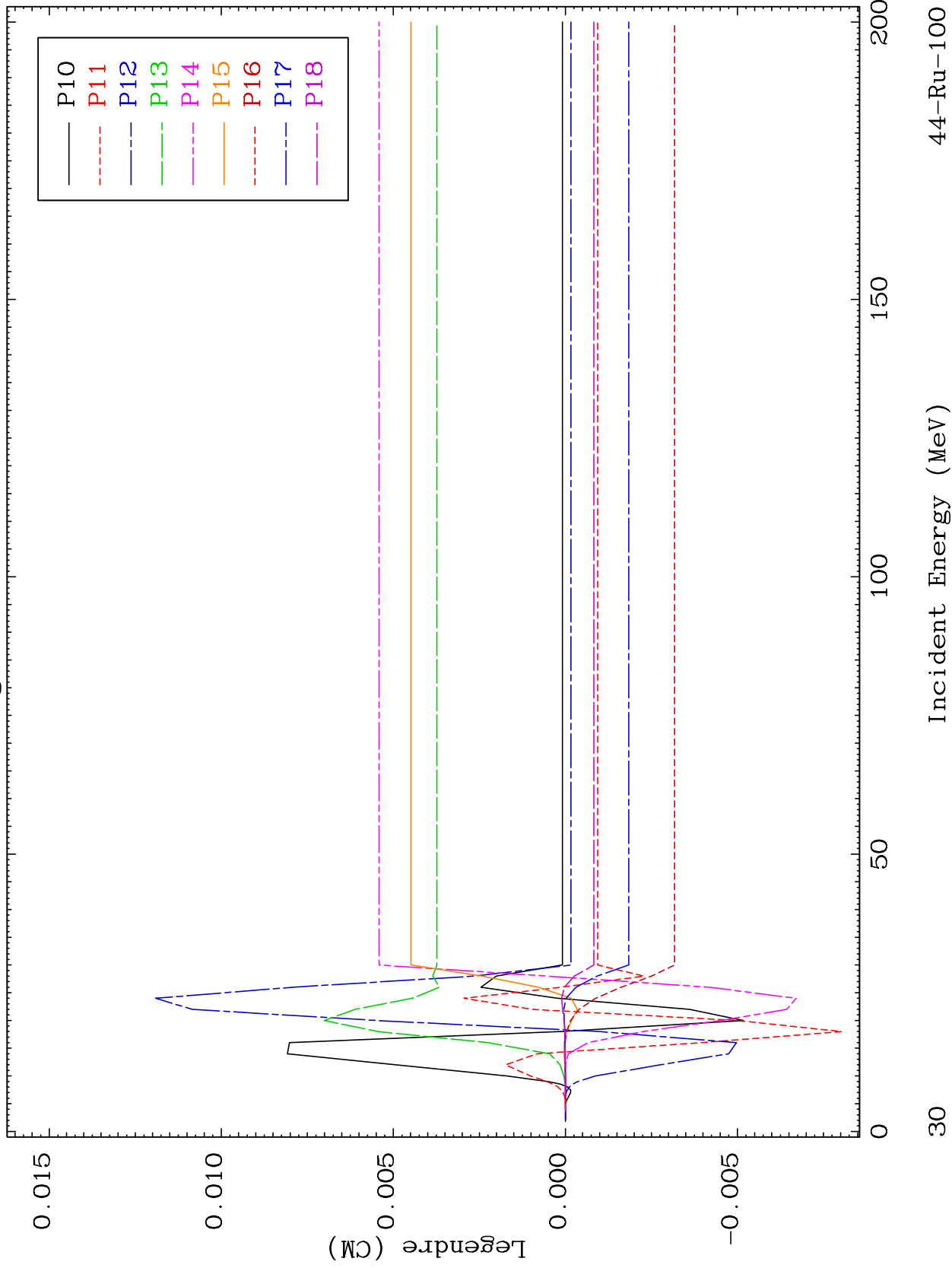
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

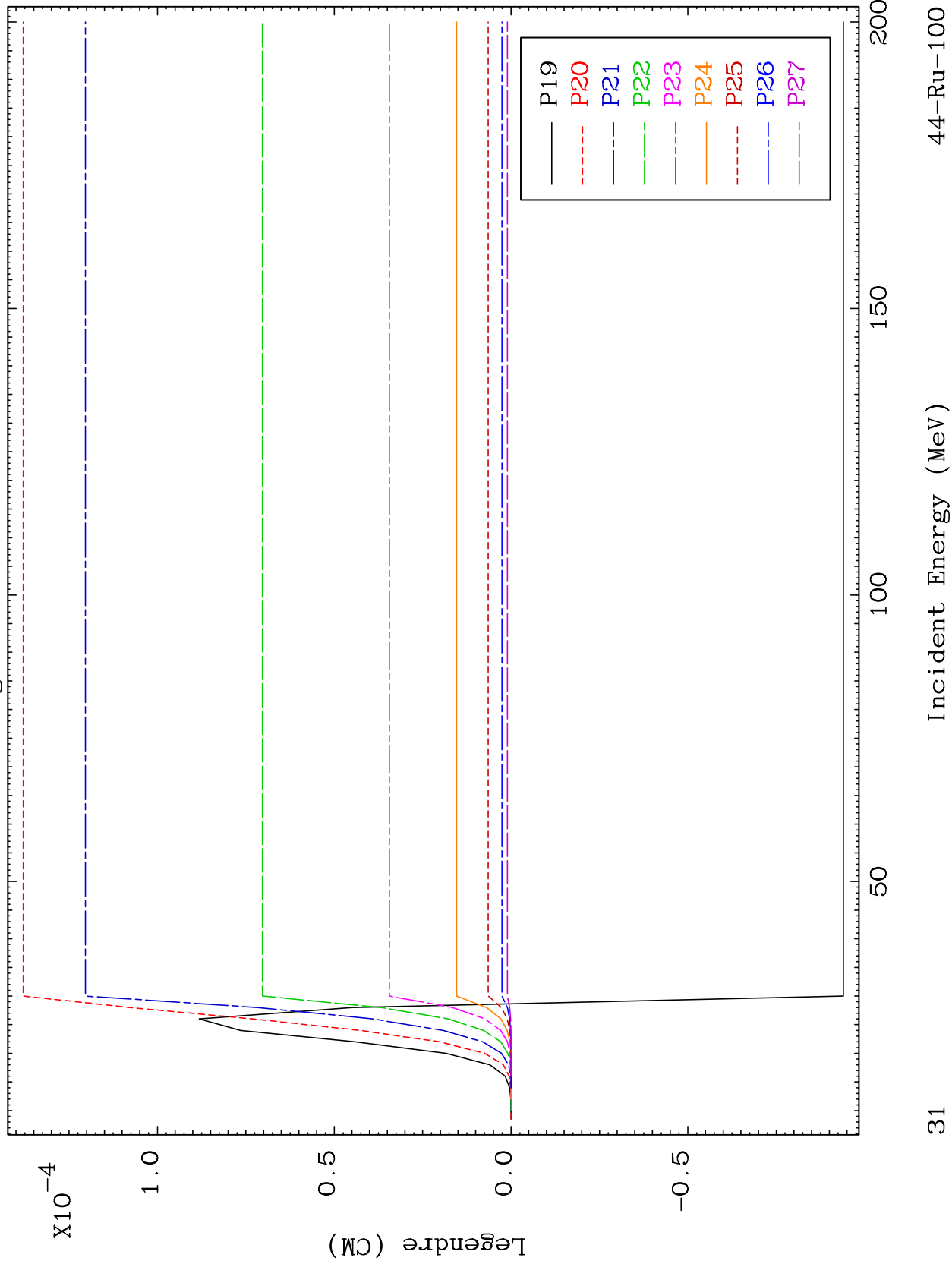
44-Ru-100



MAT 4437

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

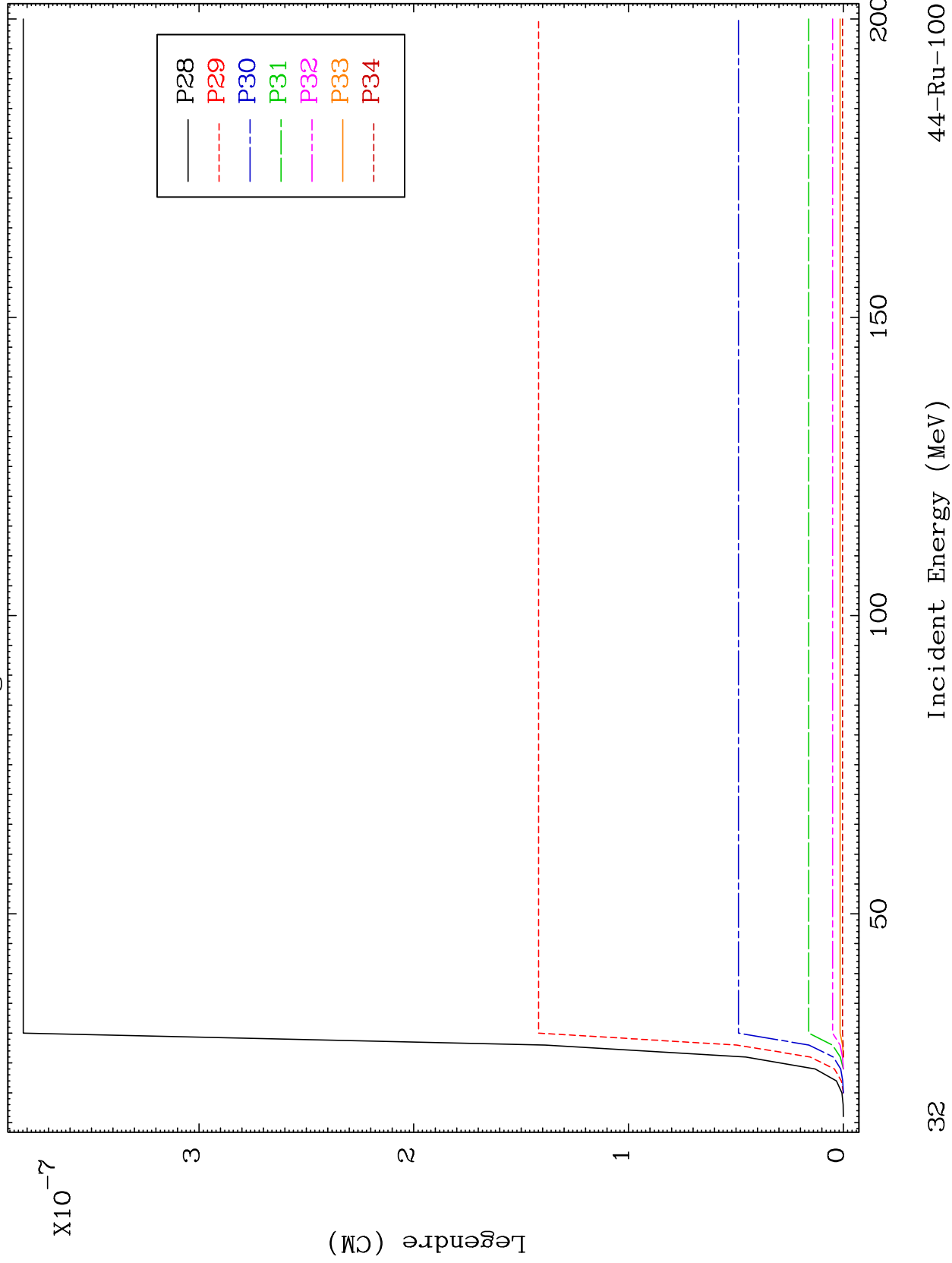
44-Ru-100



MAT 4437

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

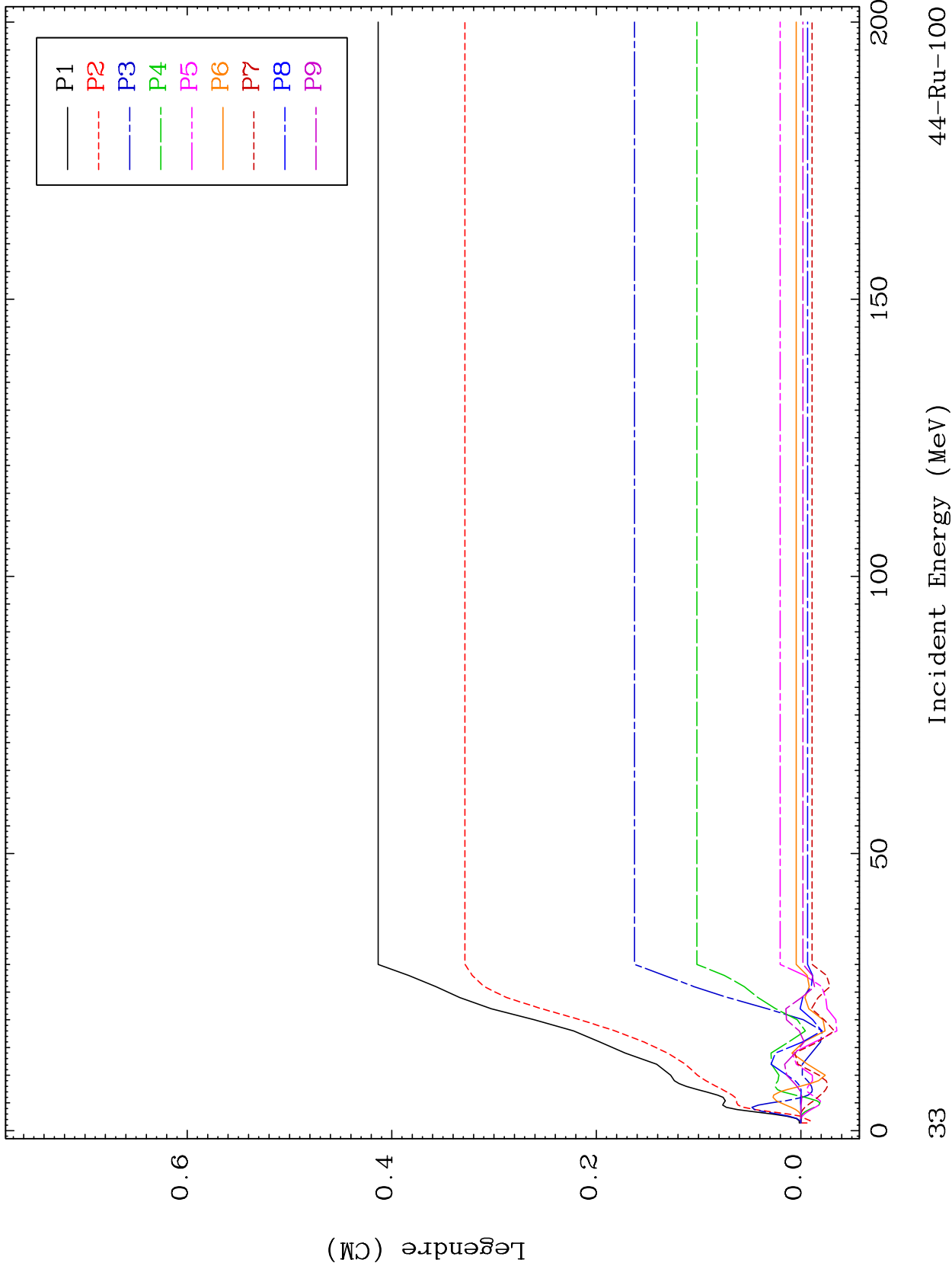
44-Ru-100



MAT 4437

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

44-Ru-100



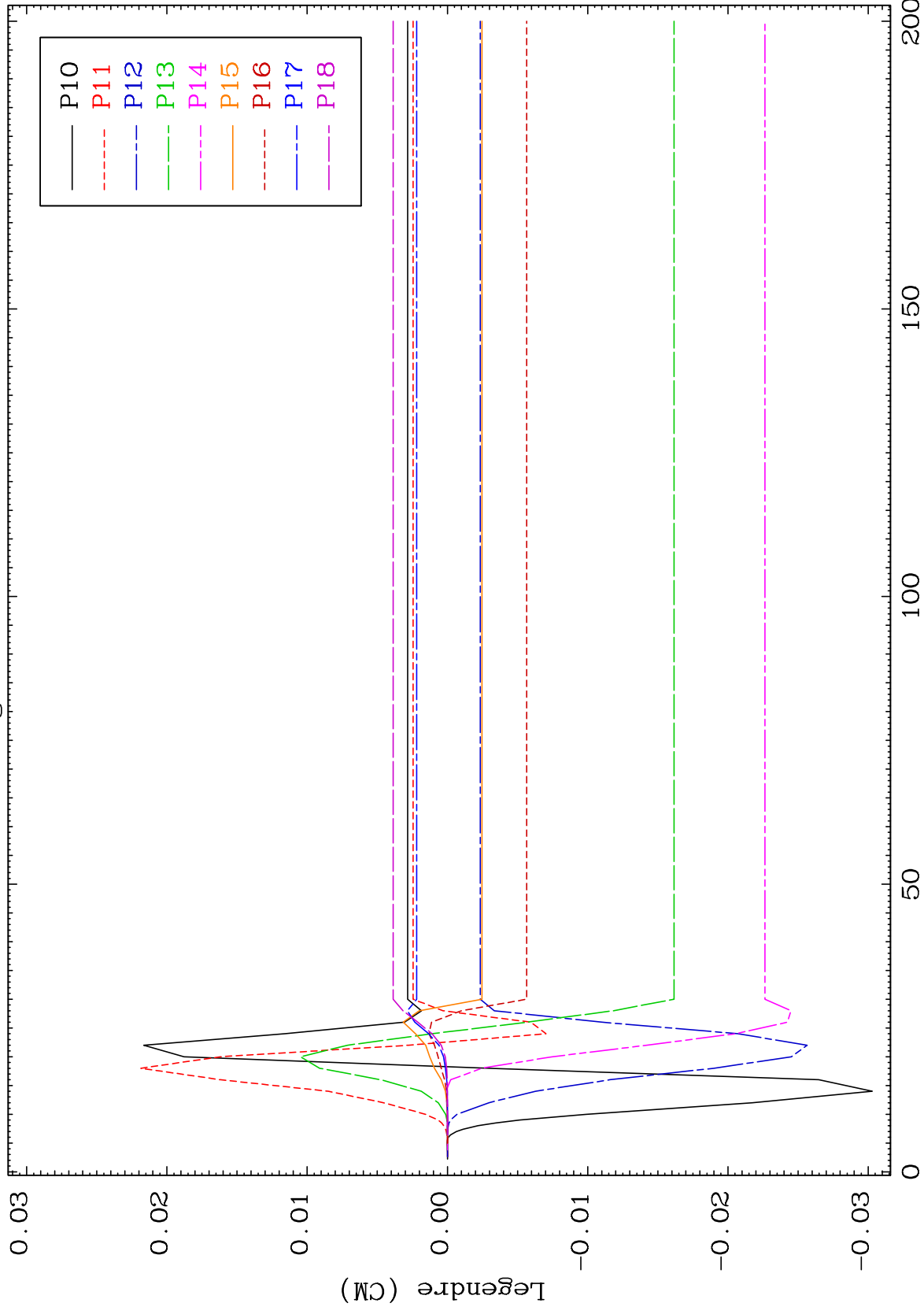
33

44-Ru-100

MAT 4437

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

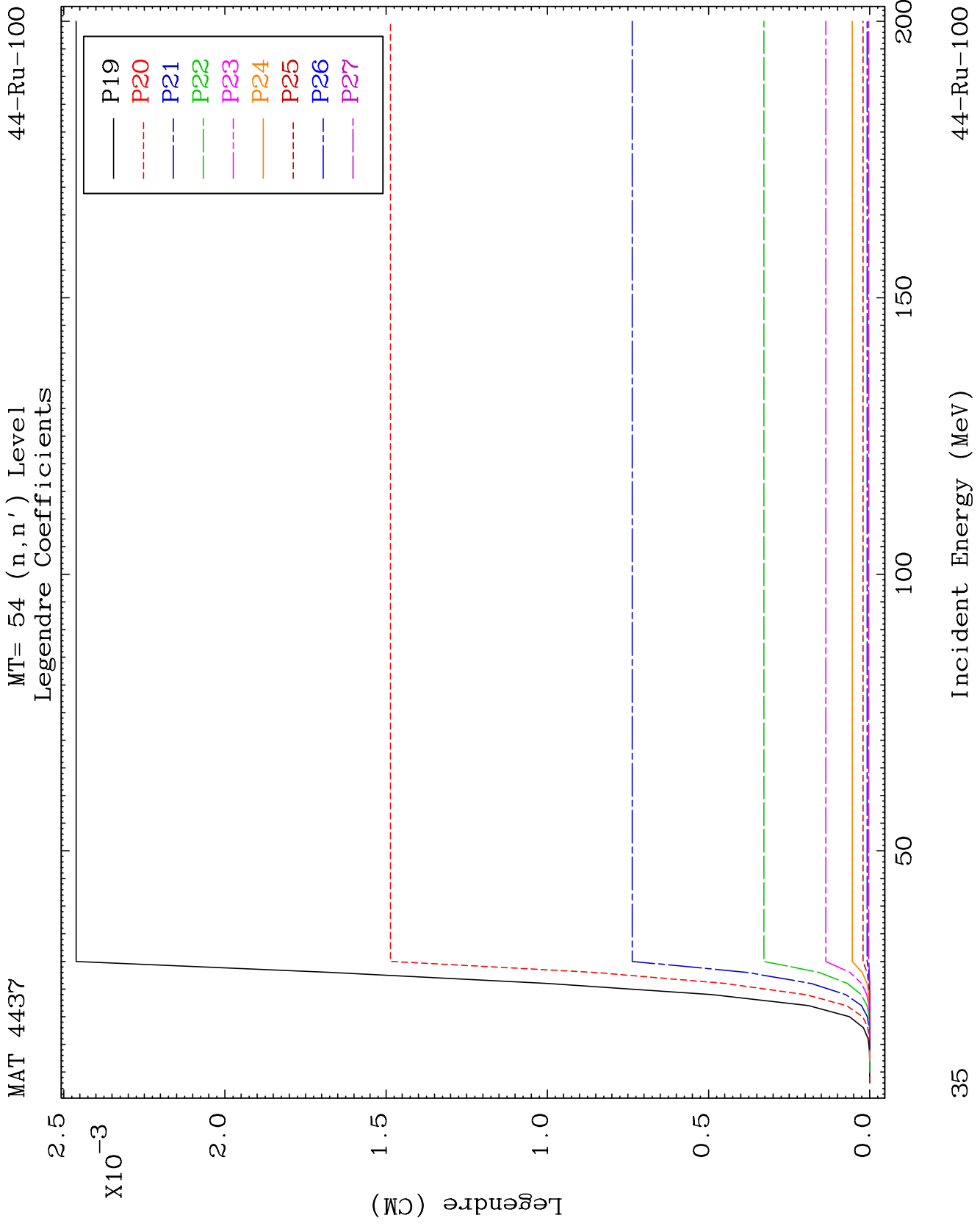
44-Ru-100



34

Incident Energy (MeV)

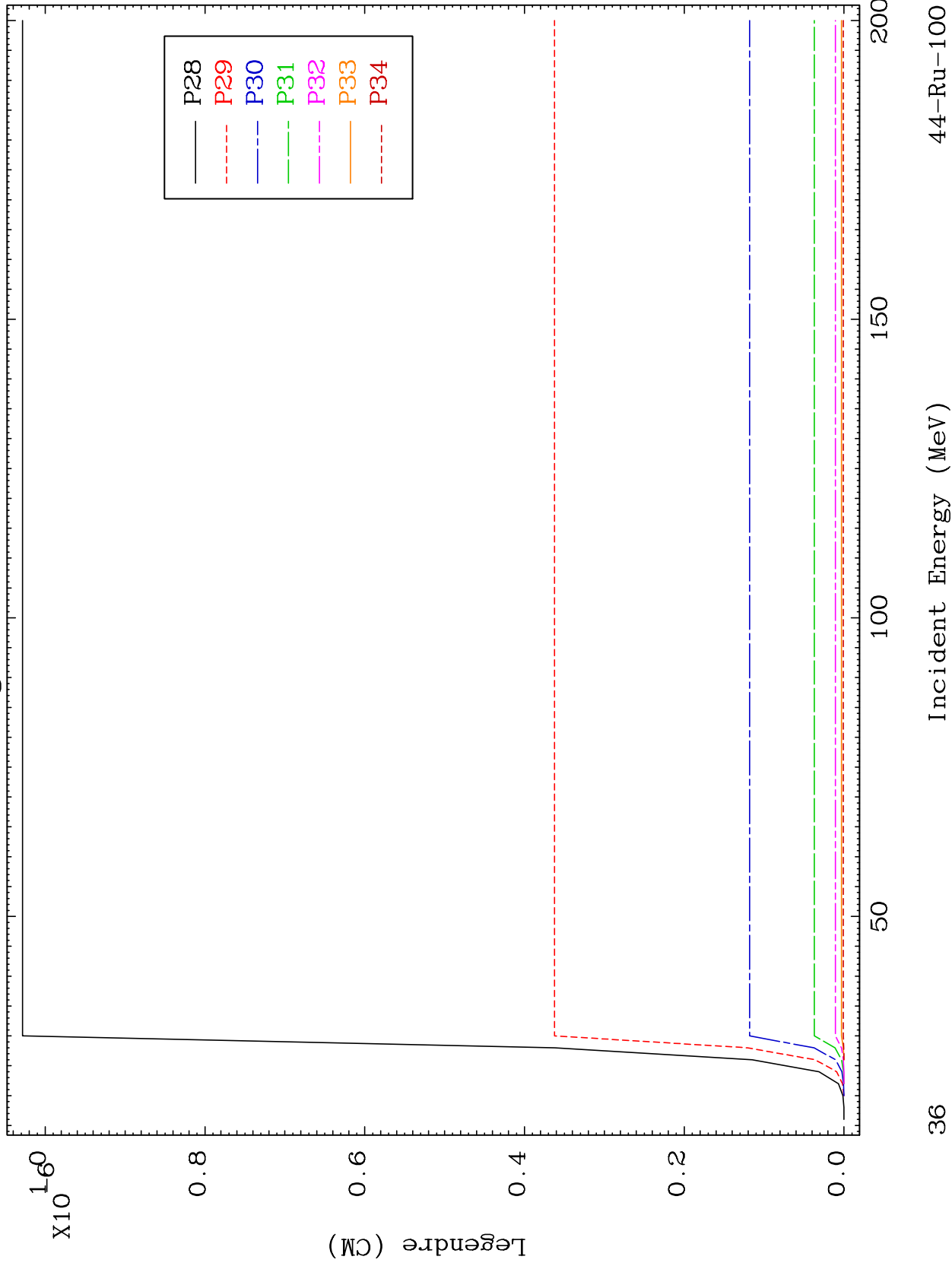
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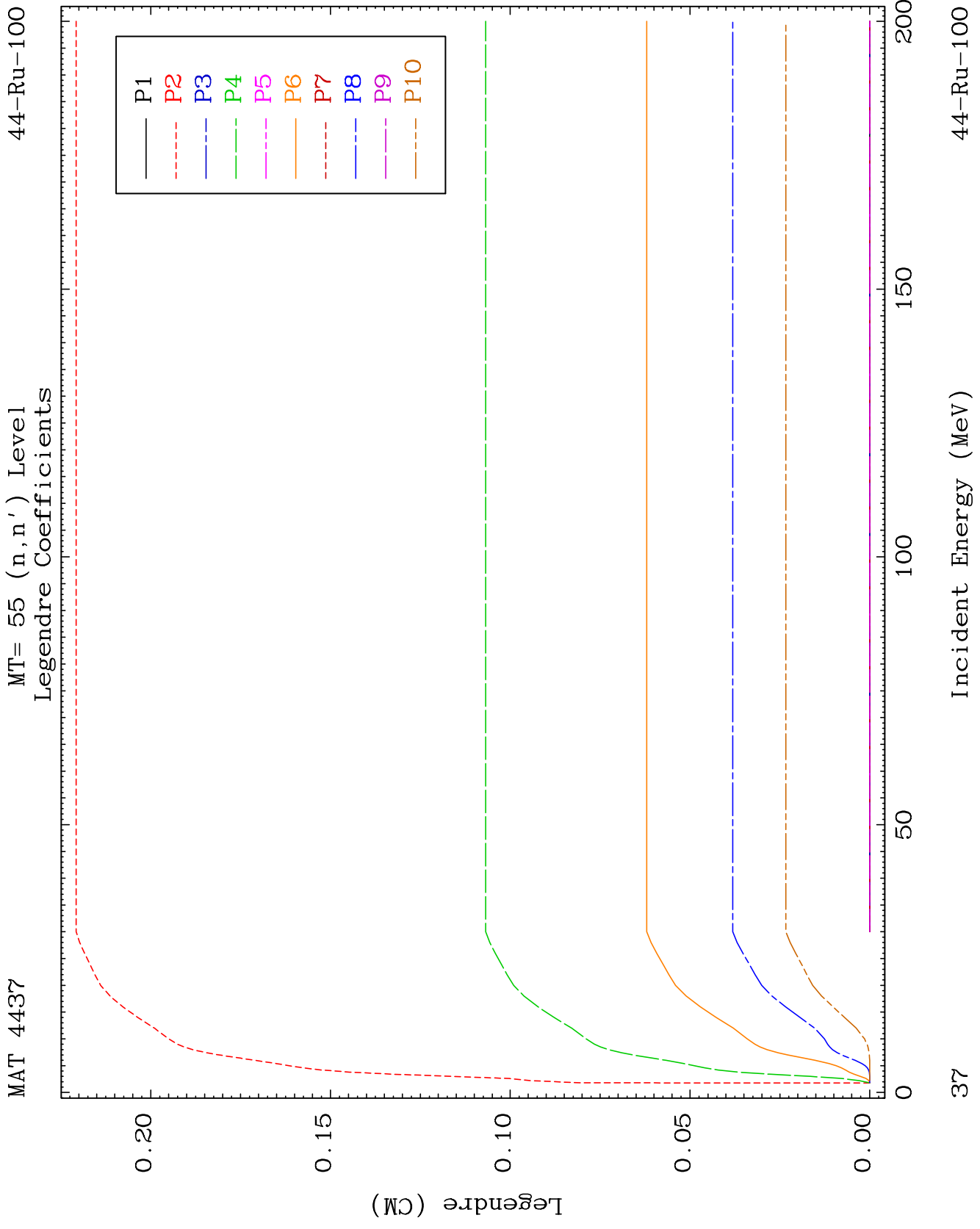


MAT 4437

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

44-Ru-100

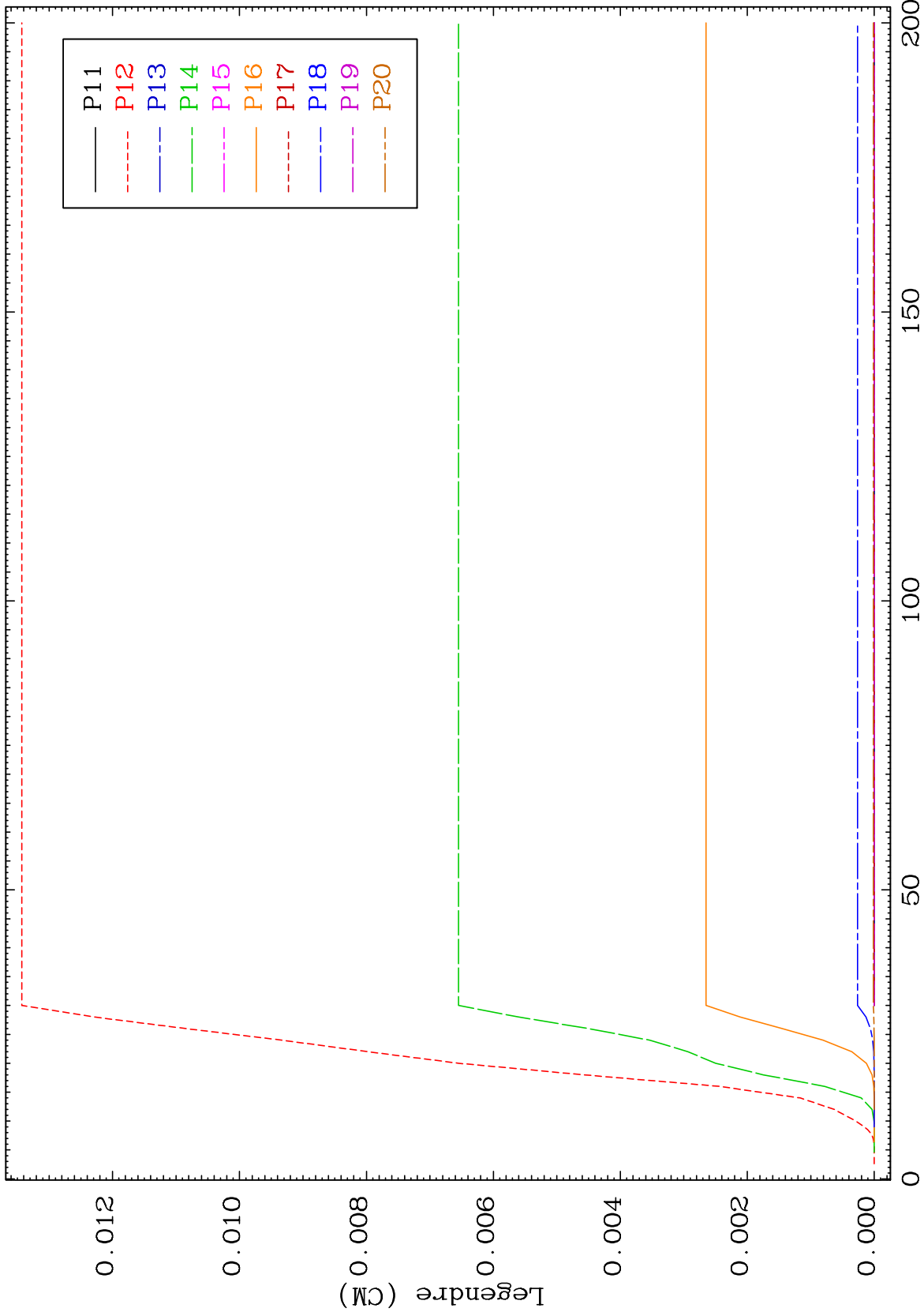




MAT 4437

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

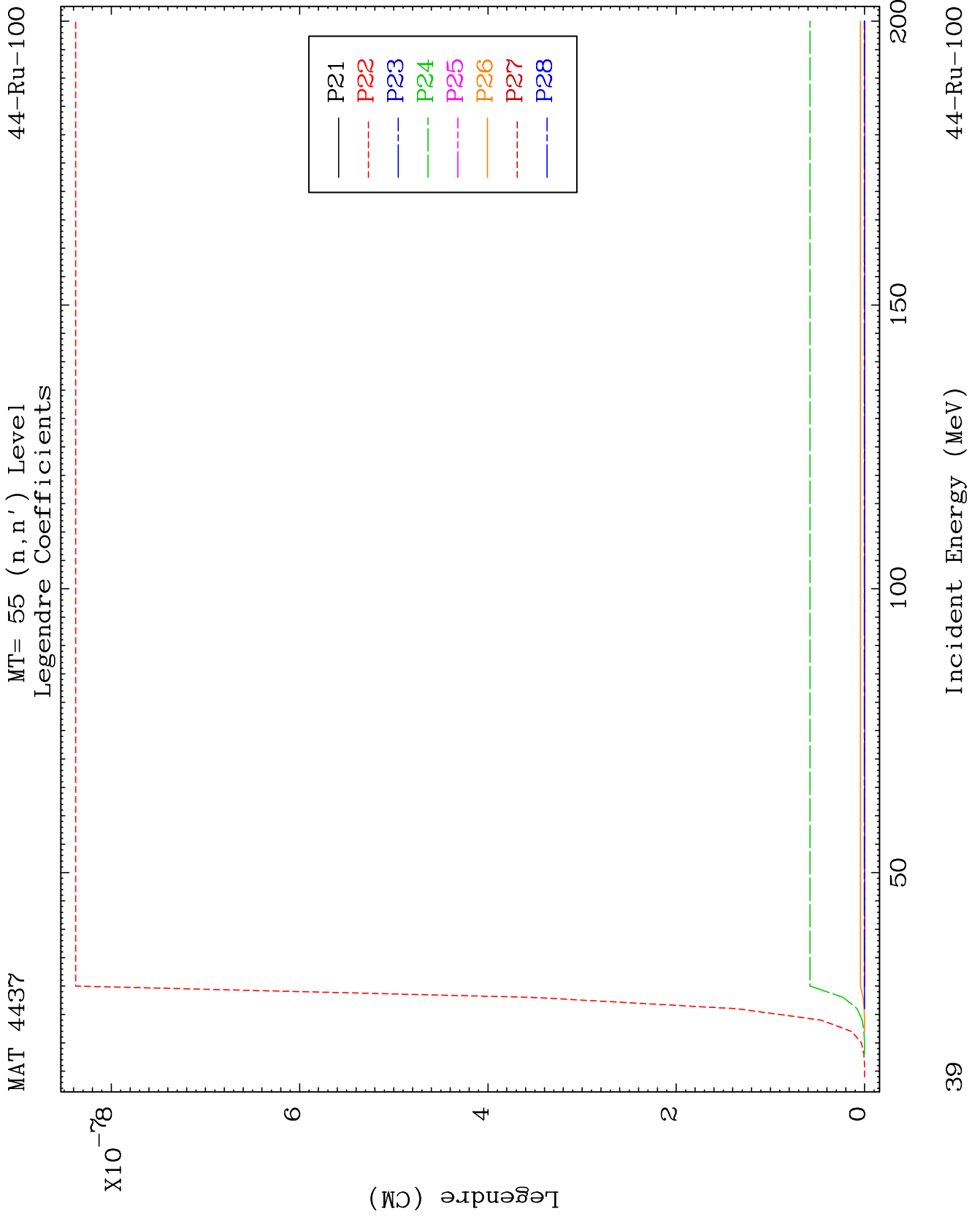
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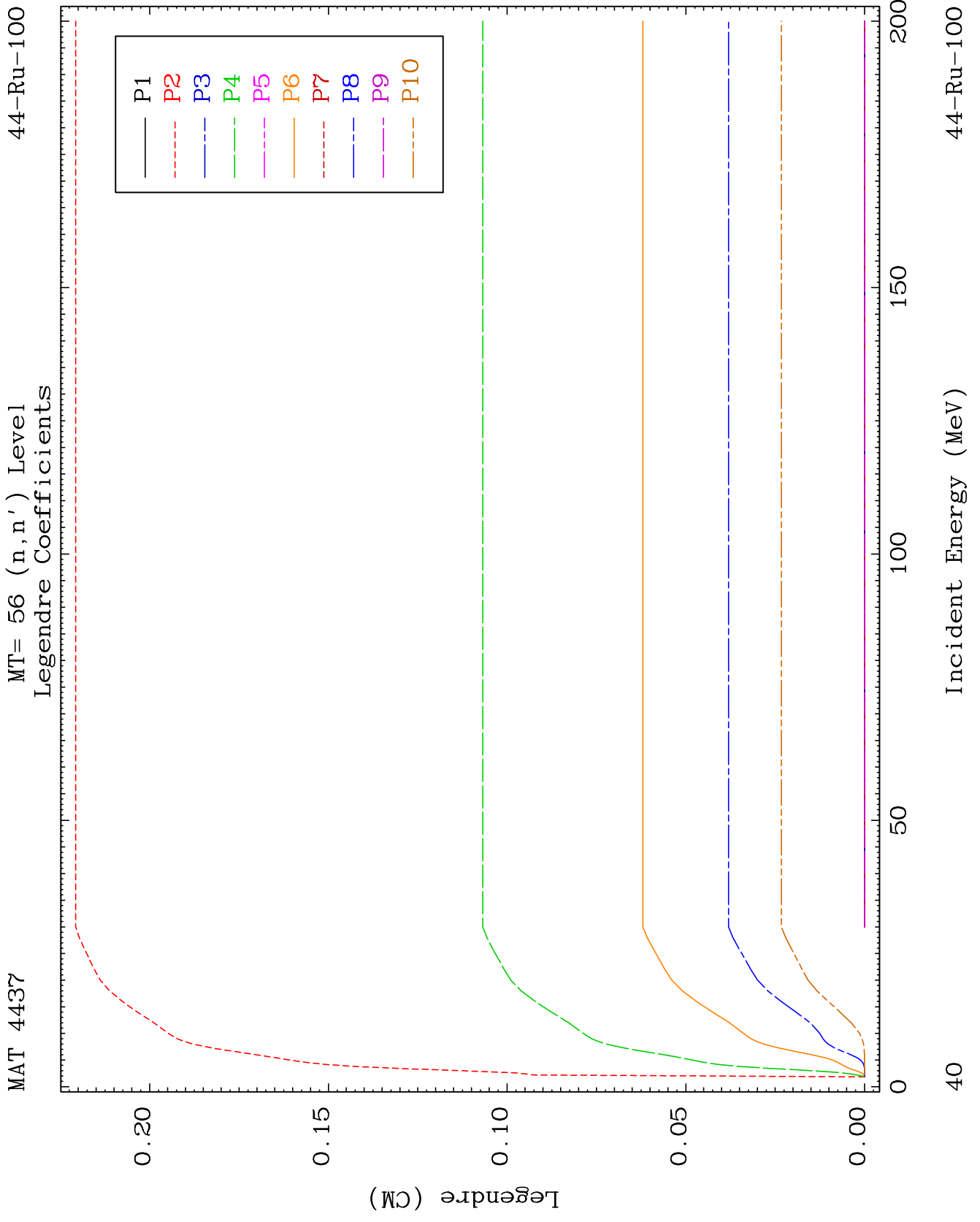


38

Incident Energy (MeV)

44-Ru-100

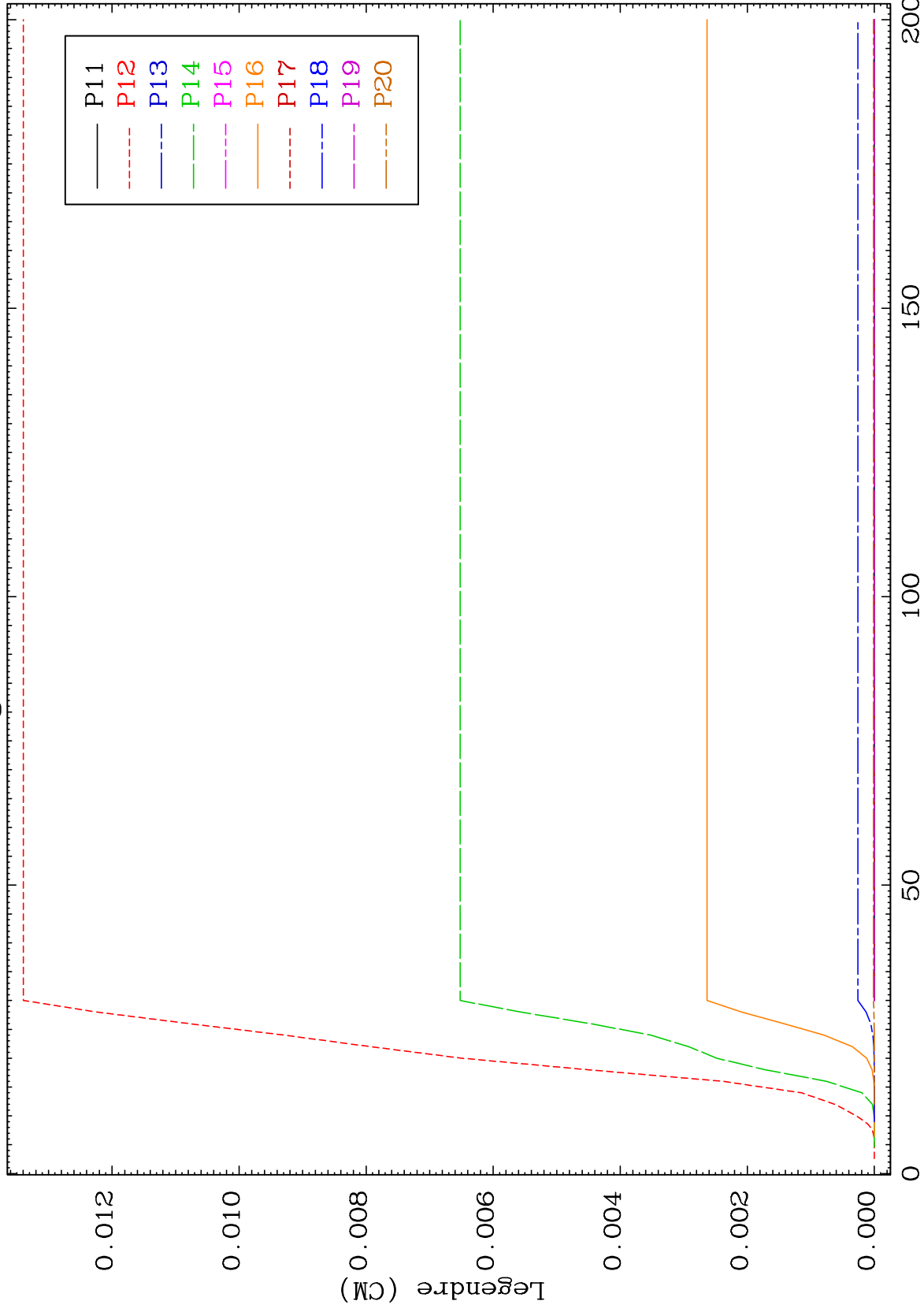




MAT 4437

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

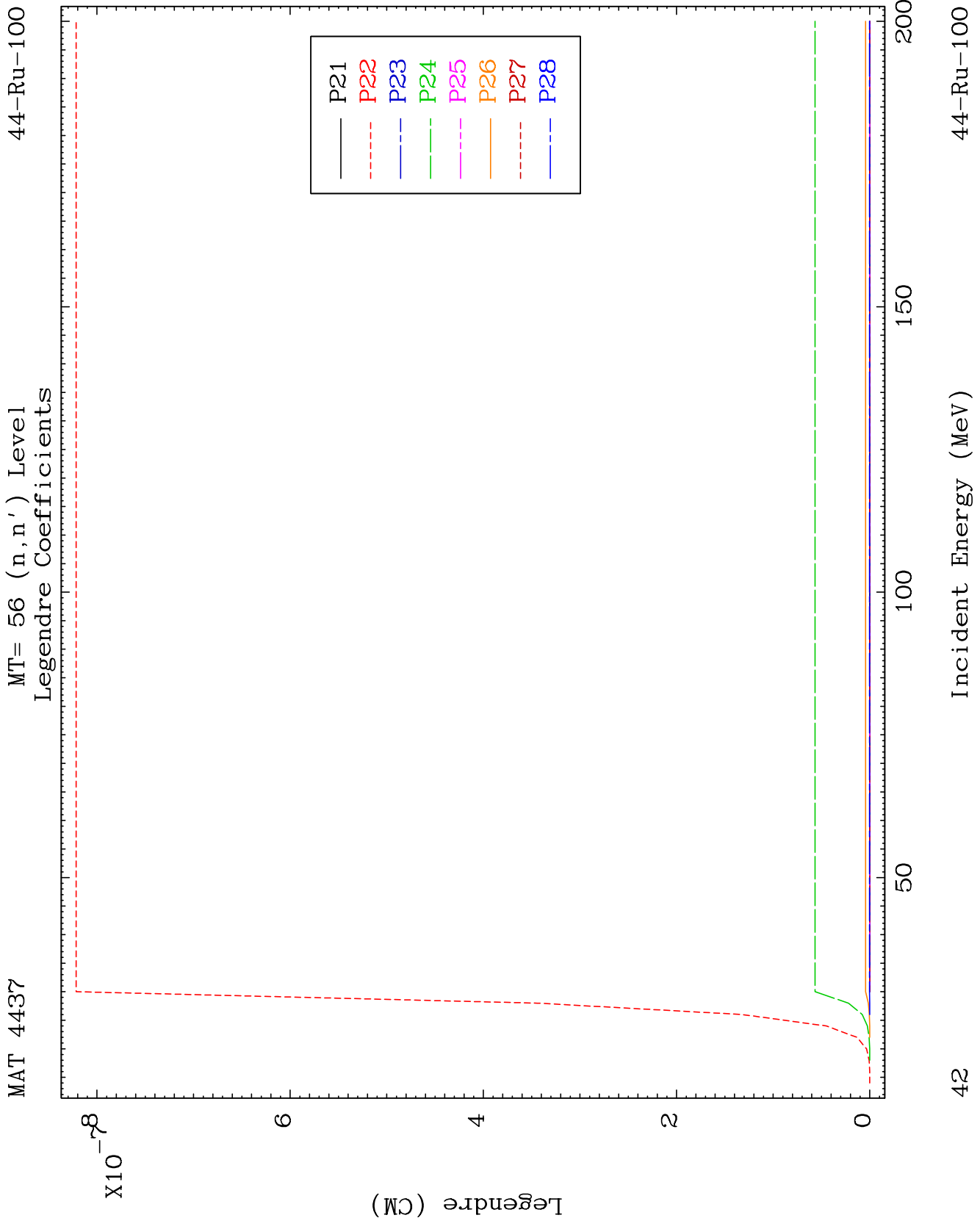
44-Ru-100



41

Incident Energy (MeV)

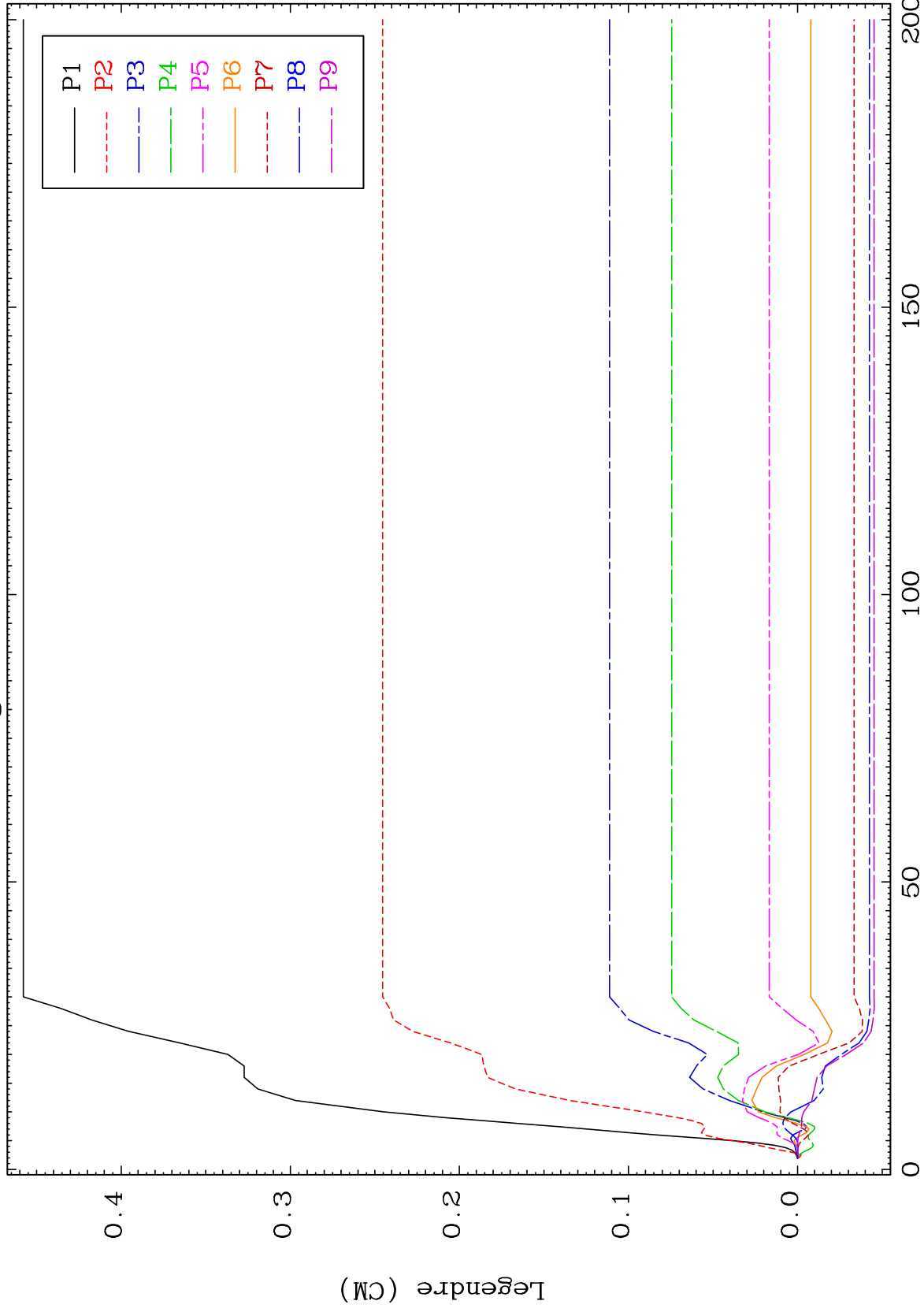
44-Ru-100



MAT 4437

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

44-Ru-100



43

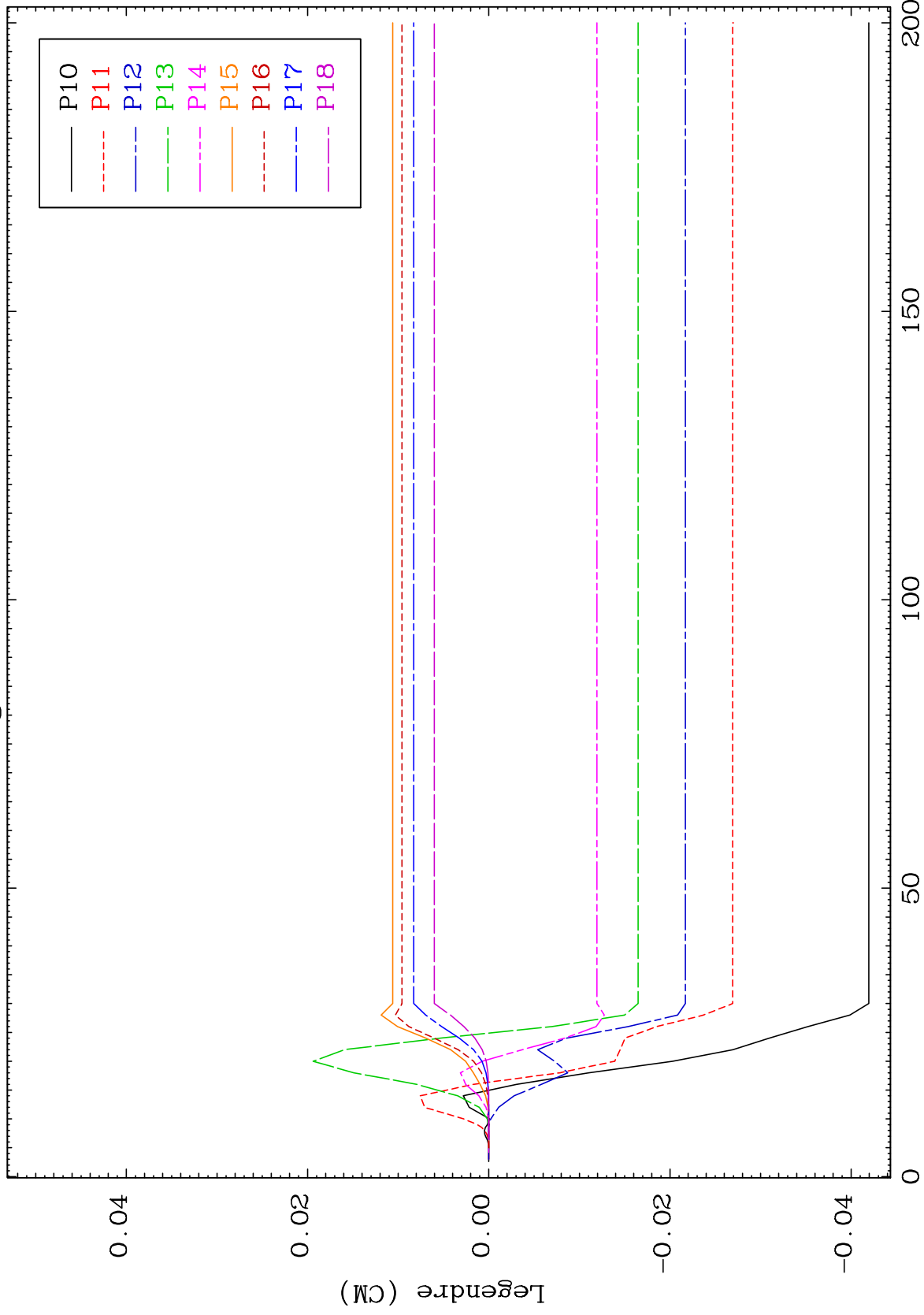
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



44

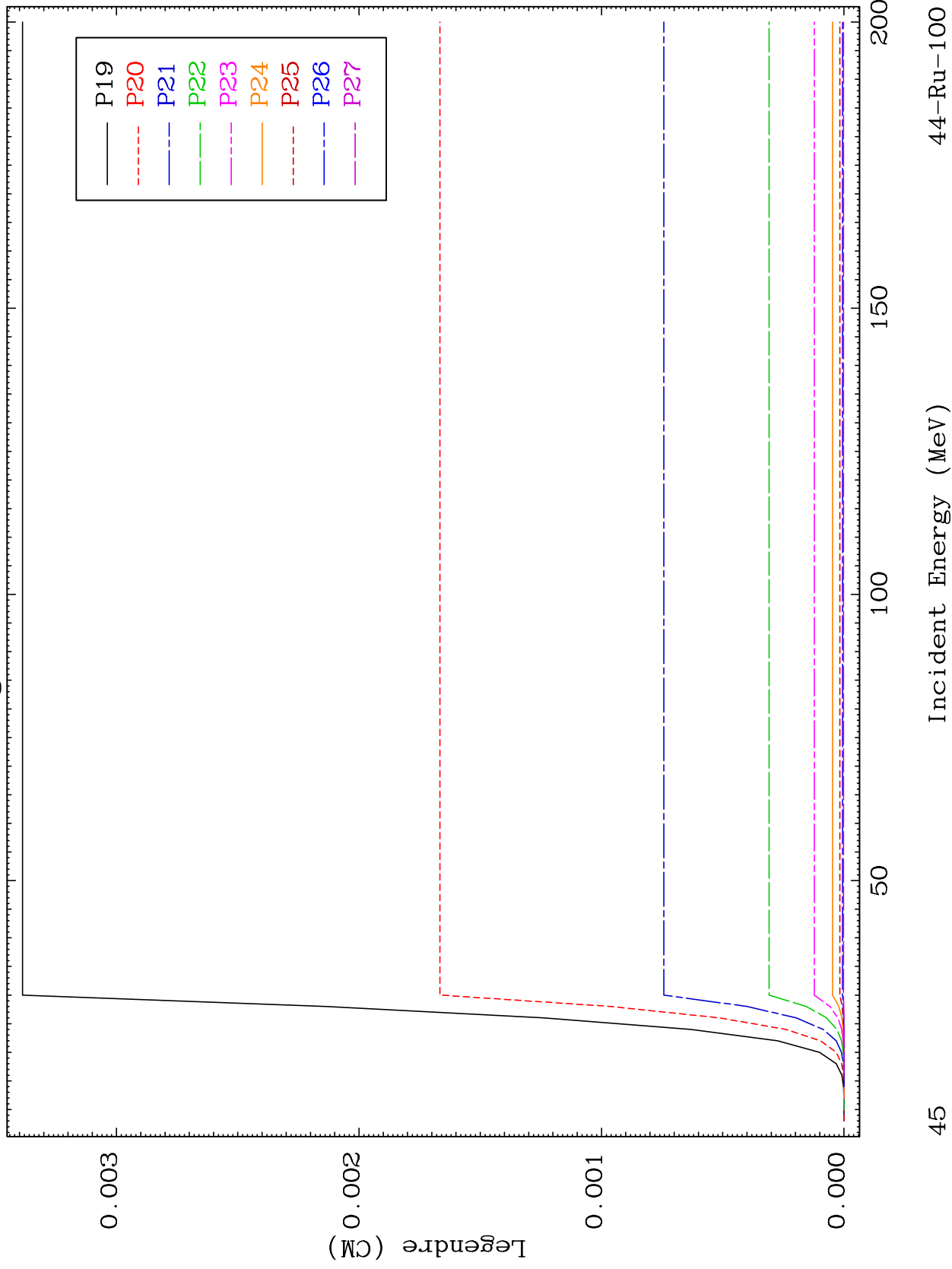
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



45

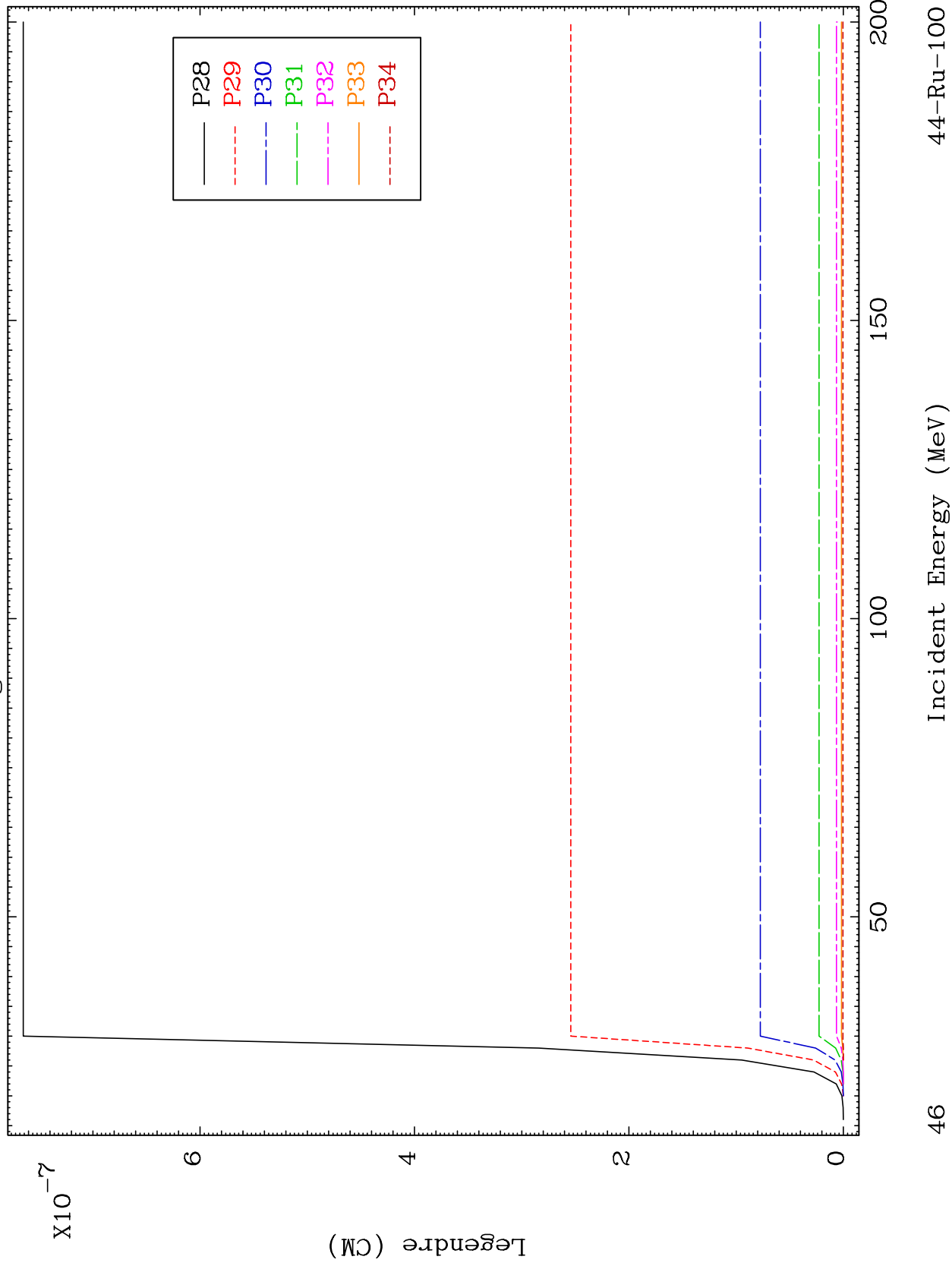
Incident Energy (MeV)

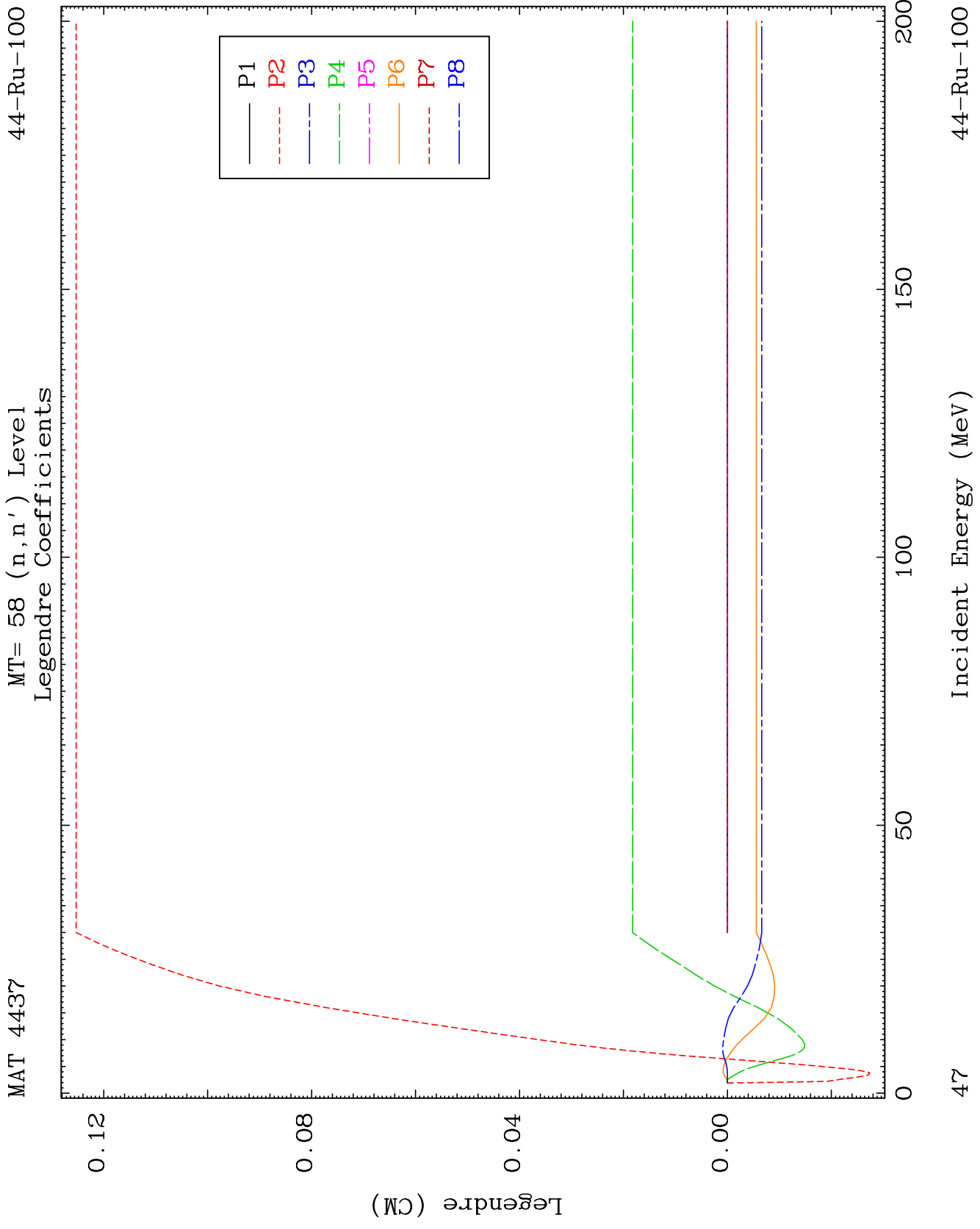
44-Ru-100

MAT 4437

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

44-Ru-100

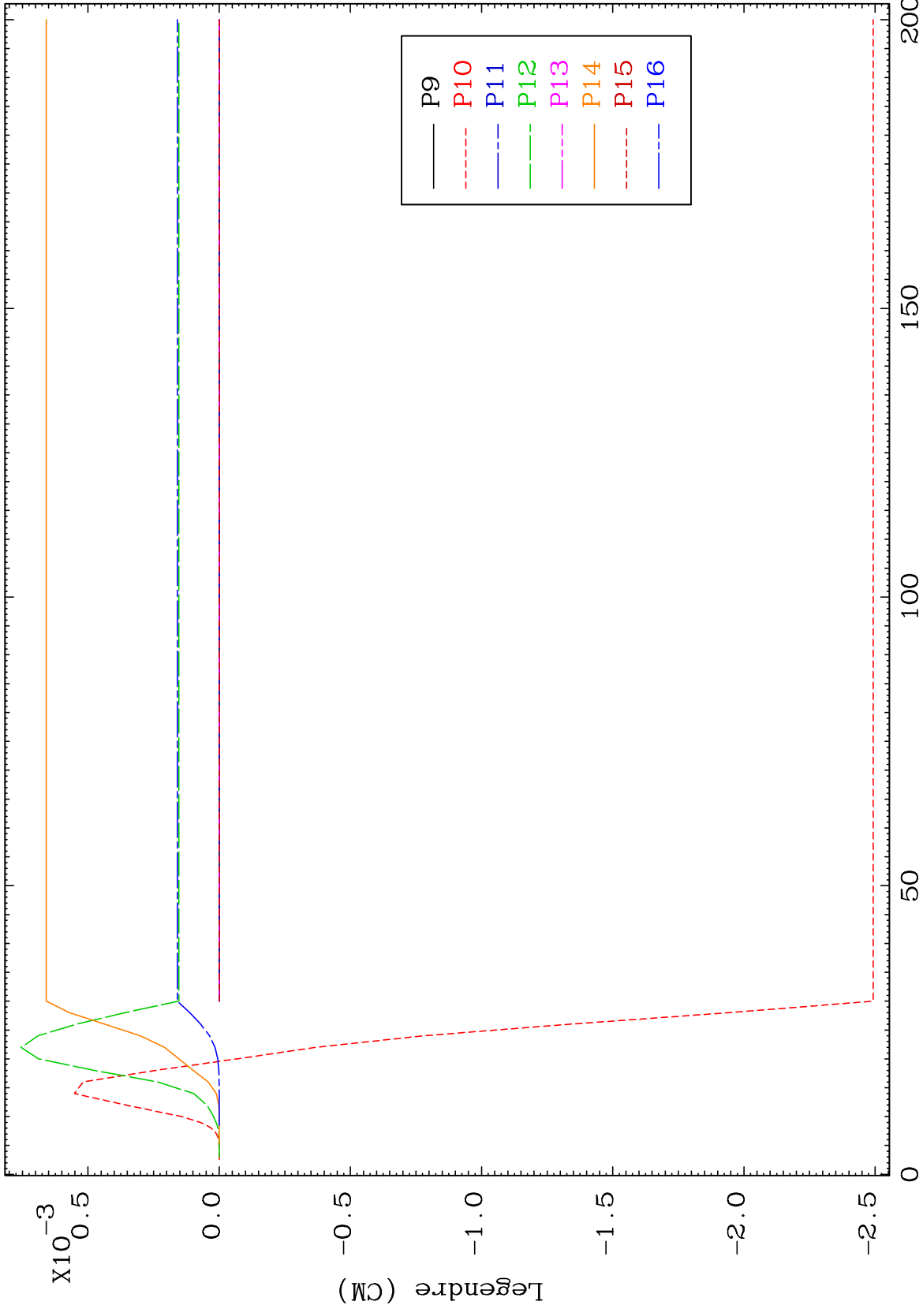




MAT 4437

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

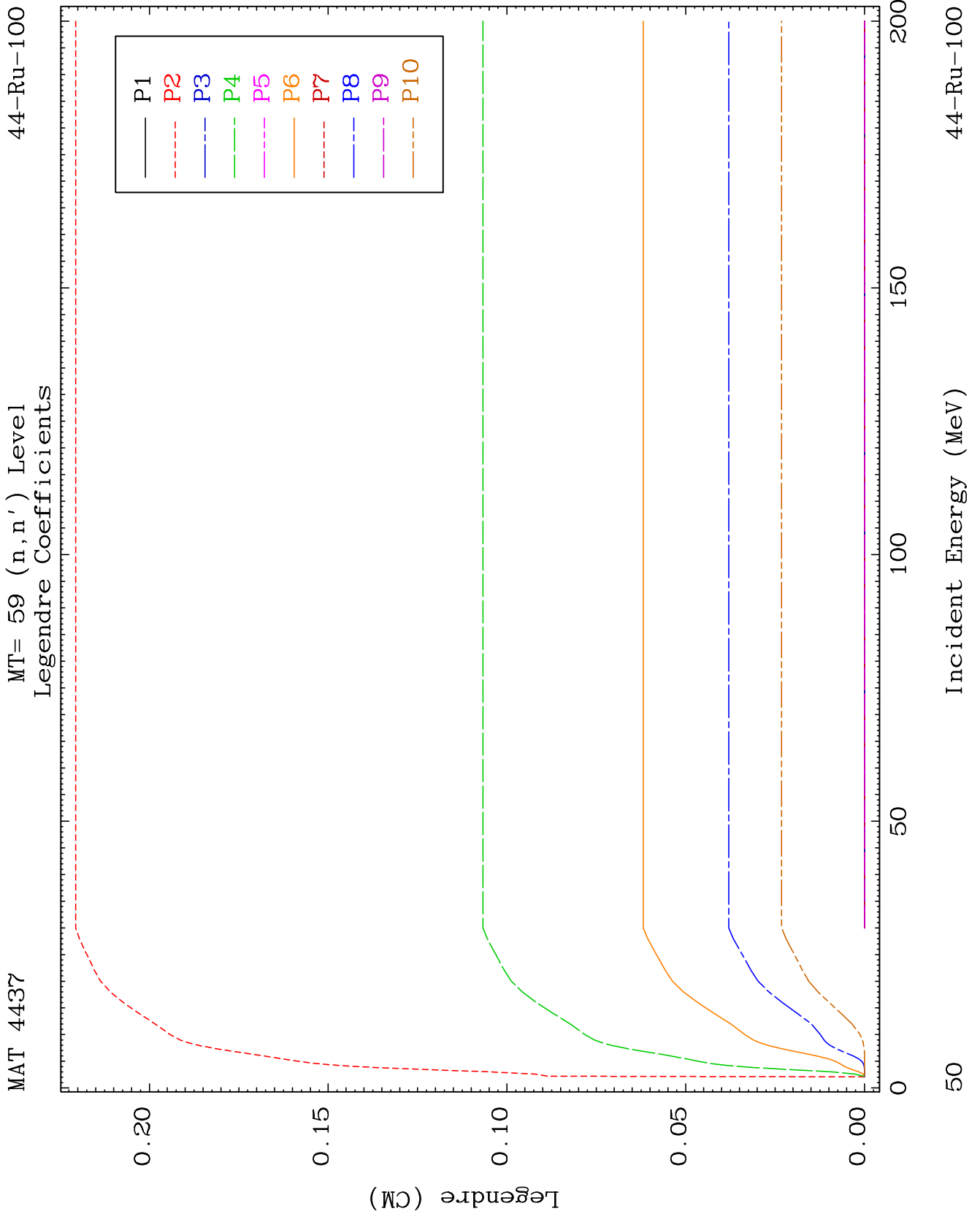
44-Ru-100



48

Incident Energy (MeV)

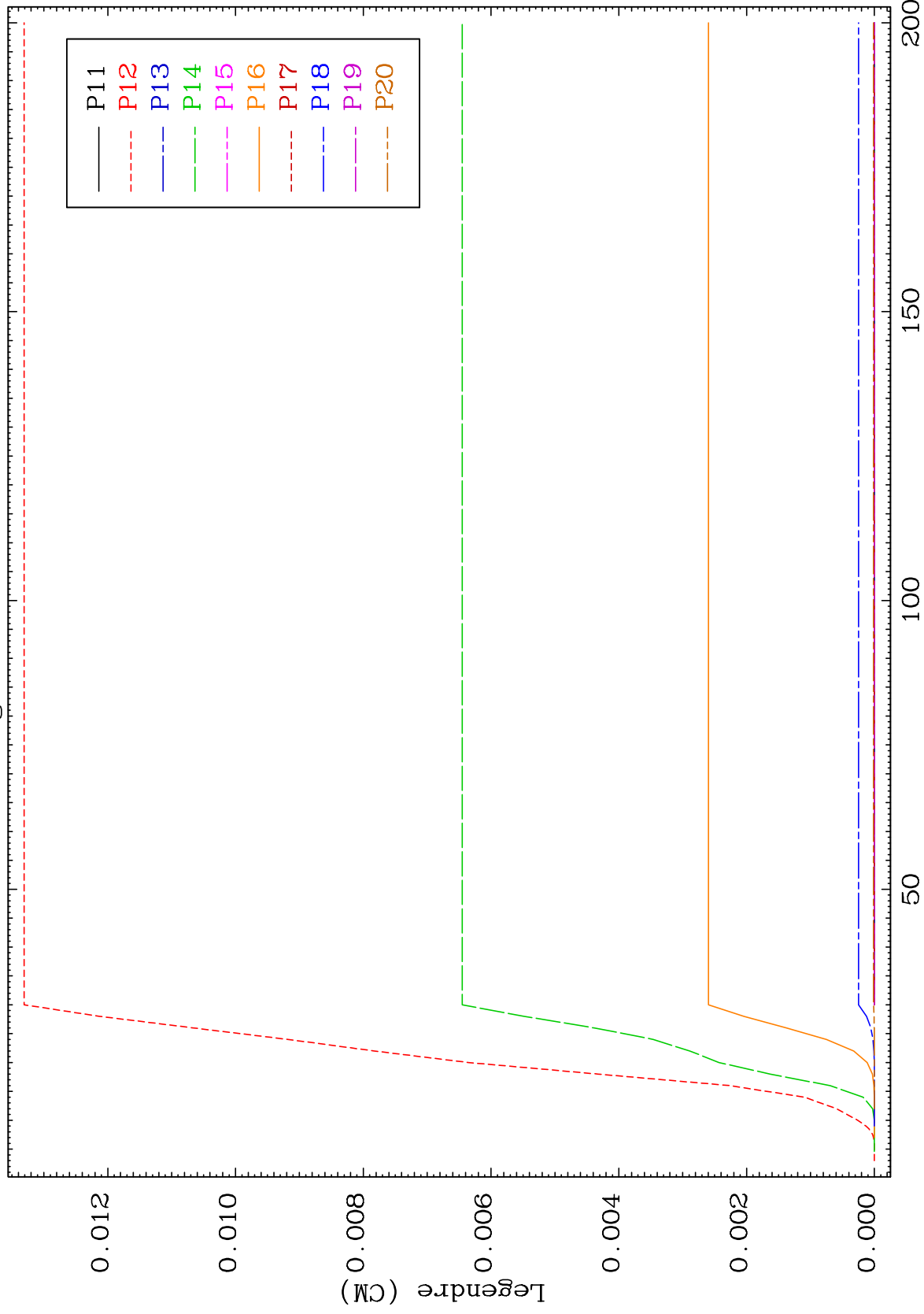
44-Ru-100



MAT 4437

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

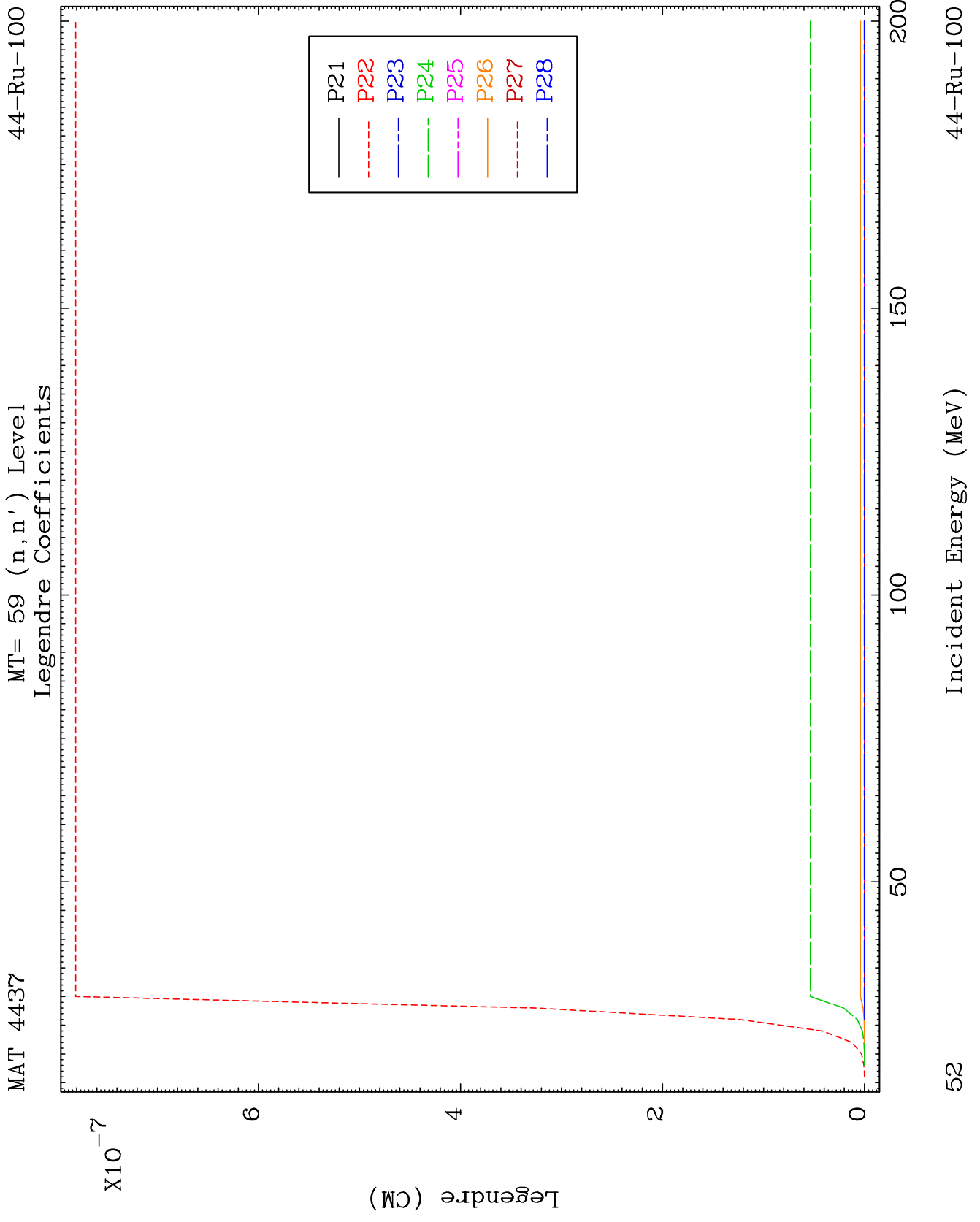
44-Ru-100



51

Incident Energy (MeV)

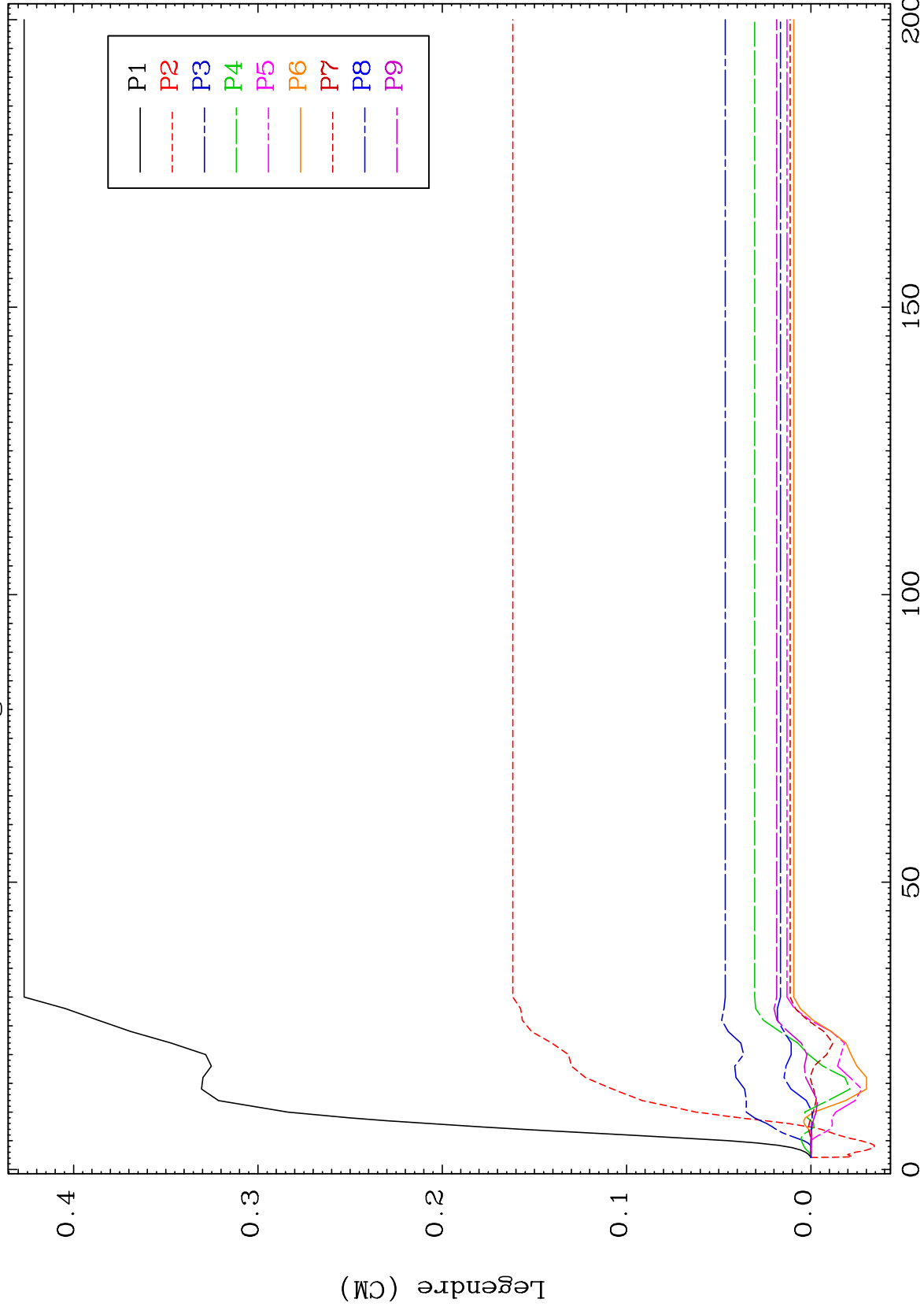
44-Ru-100



MAT 4437

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

44-Ru-100



53

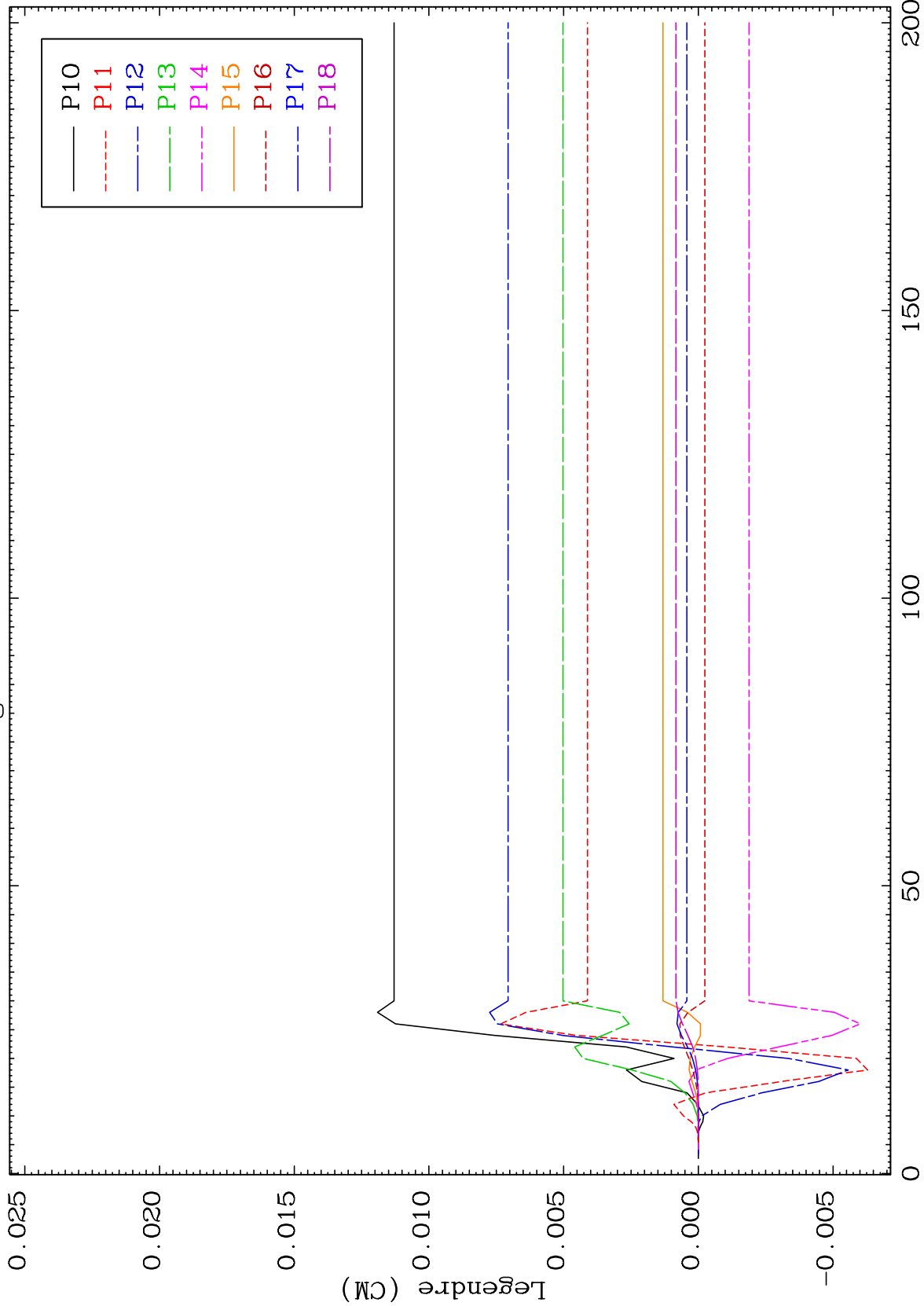
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



54

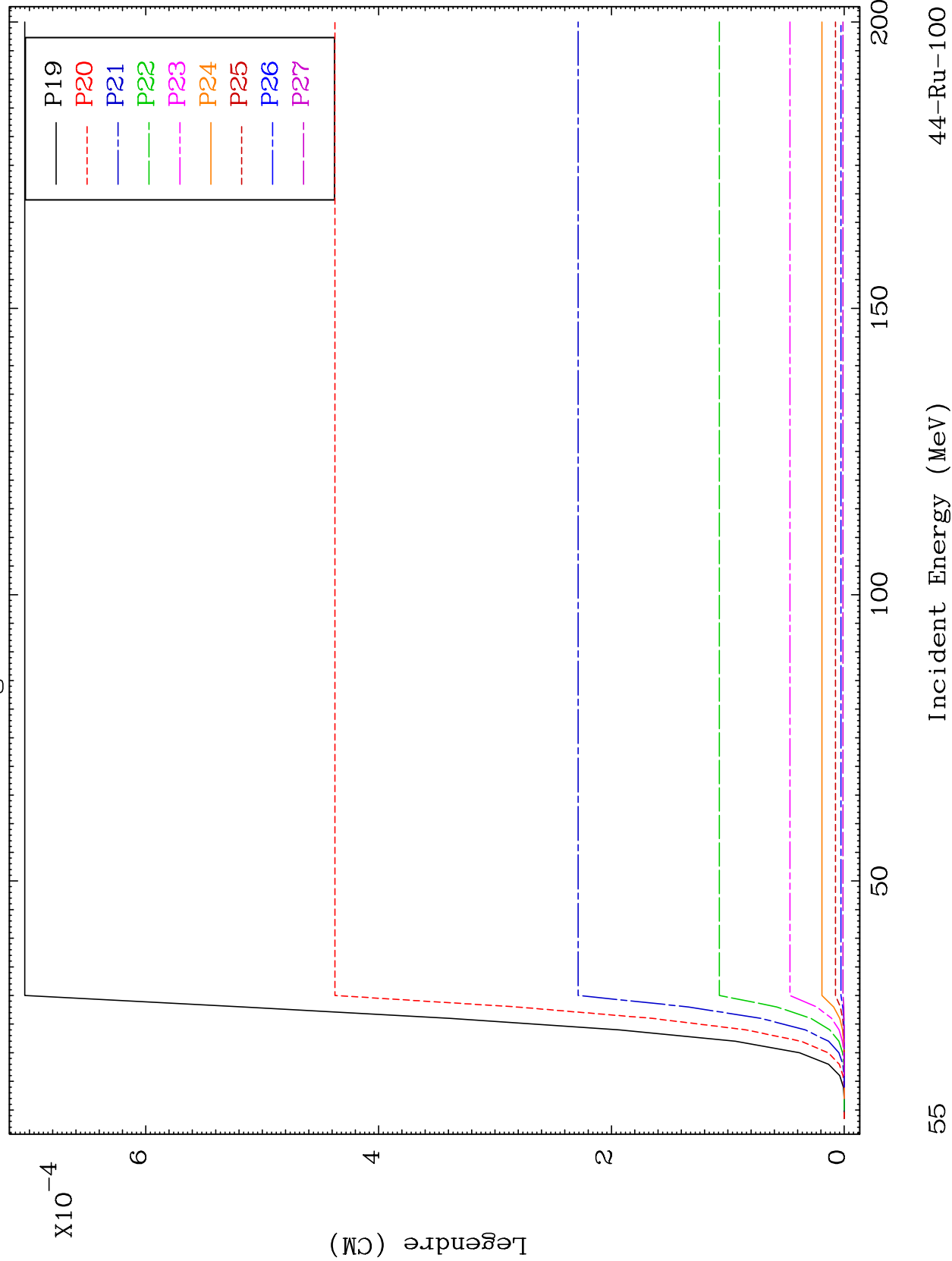
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



55

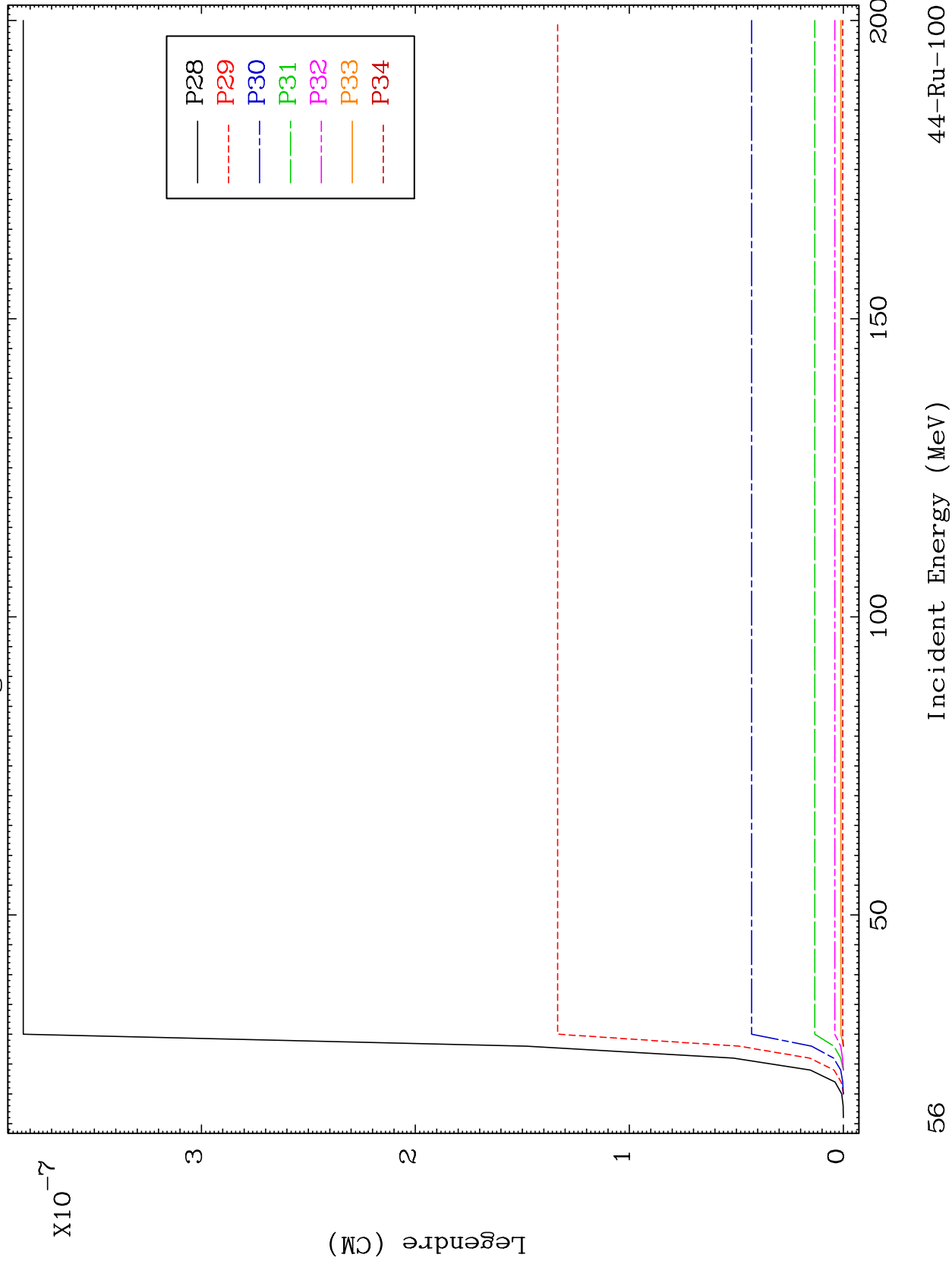
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



56

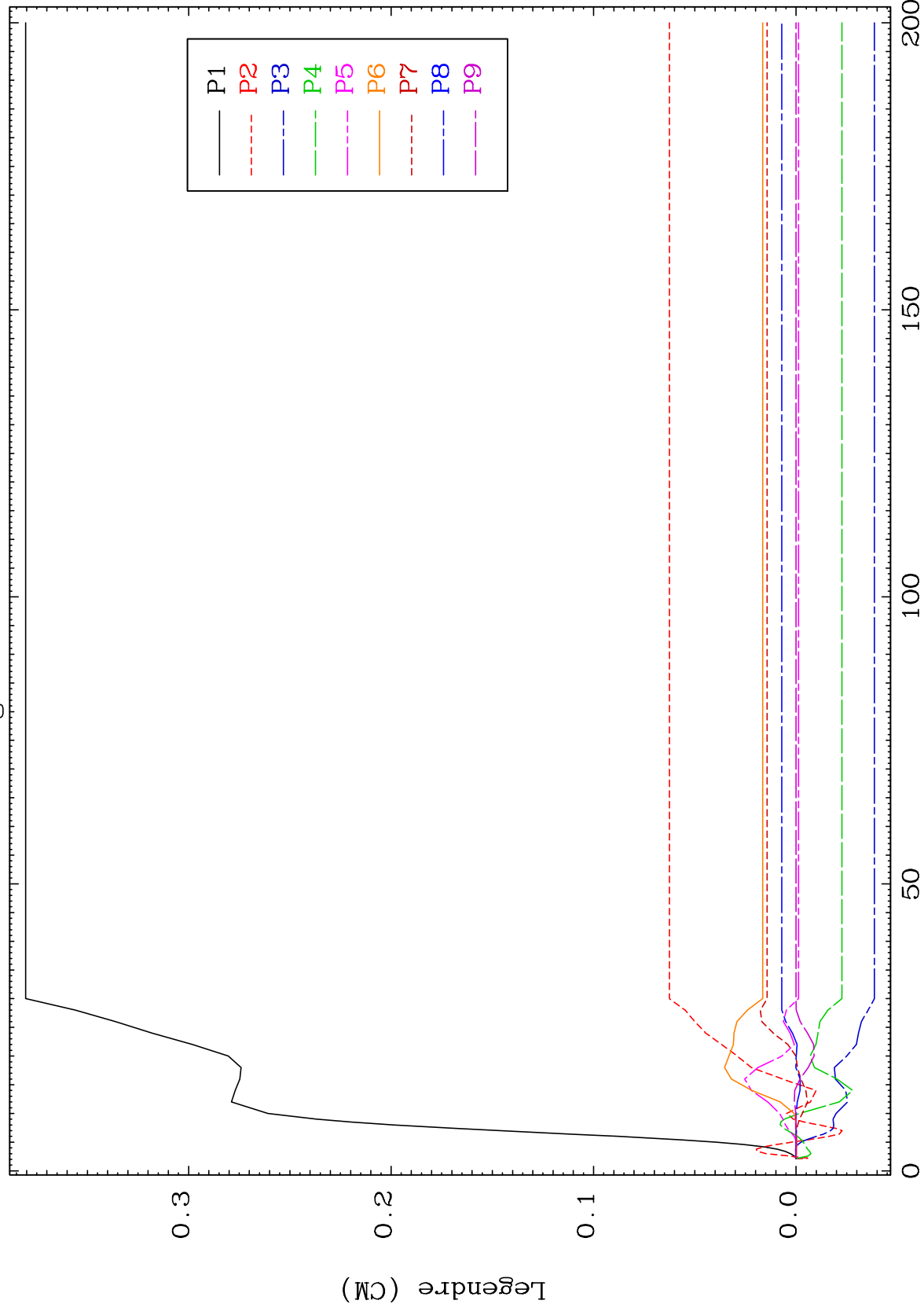
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



57

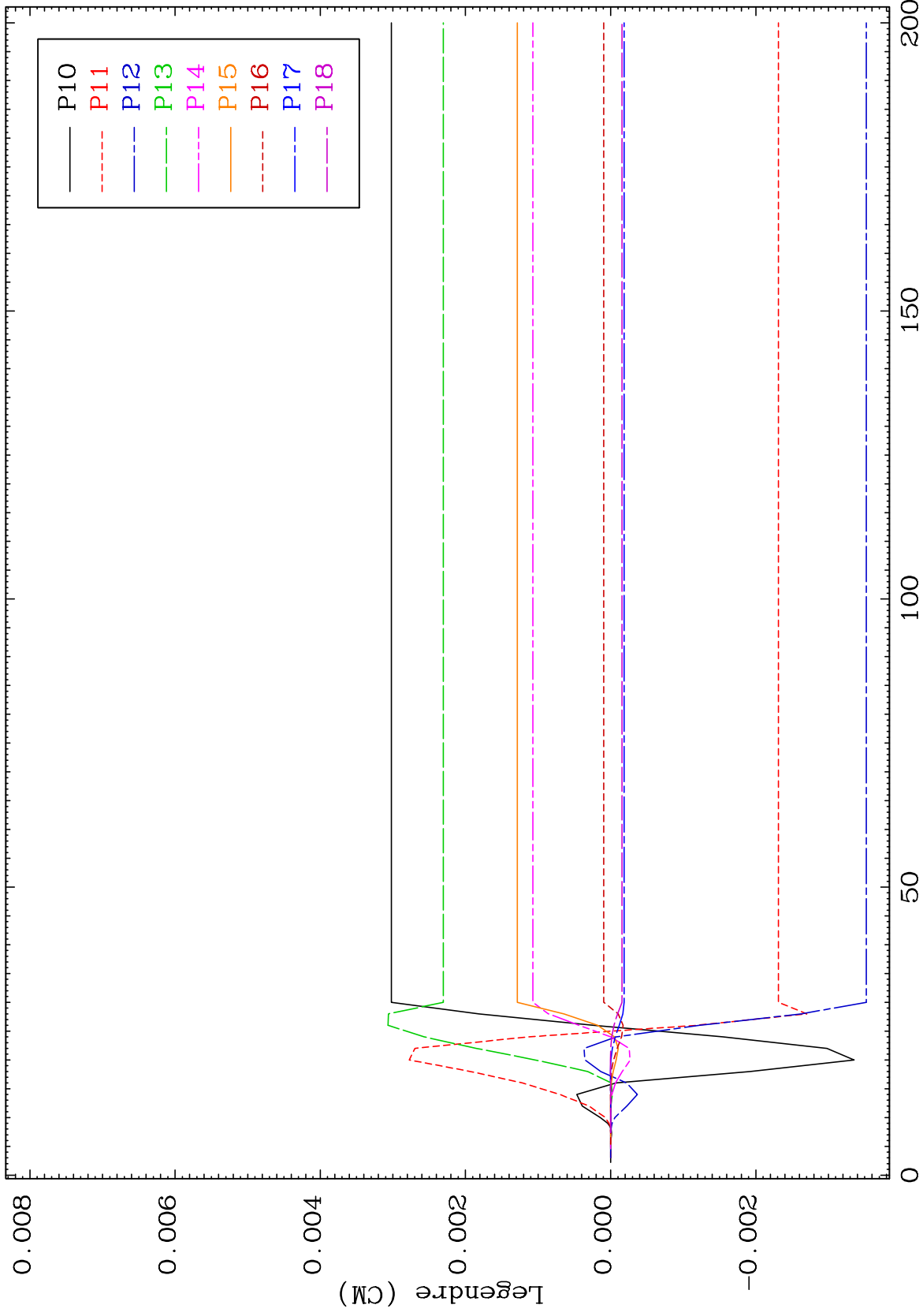
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



58

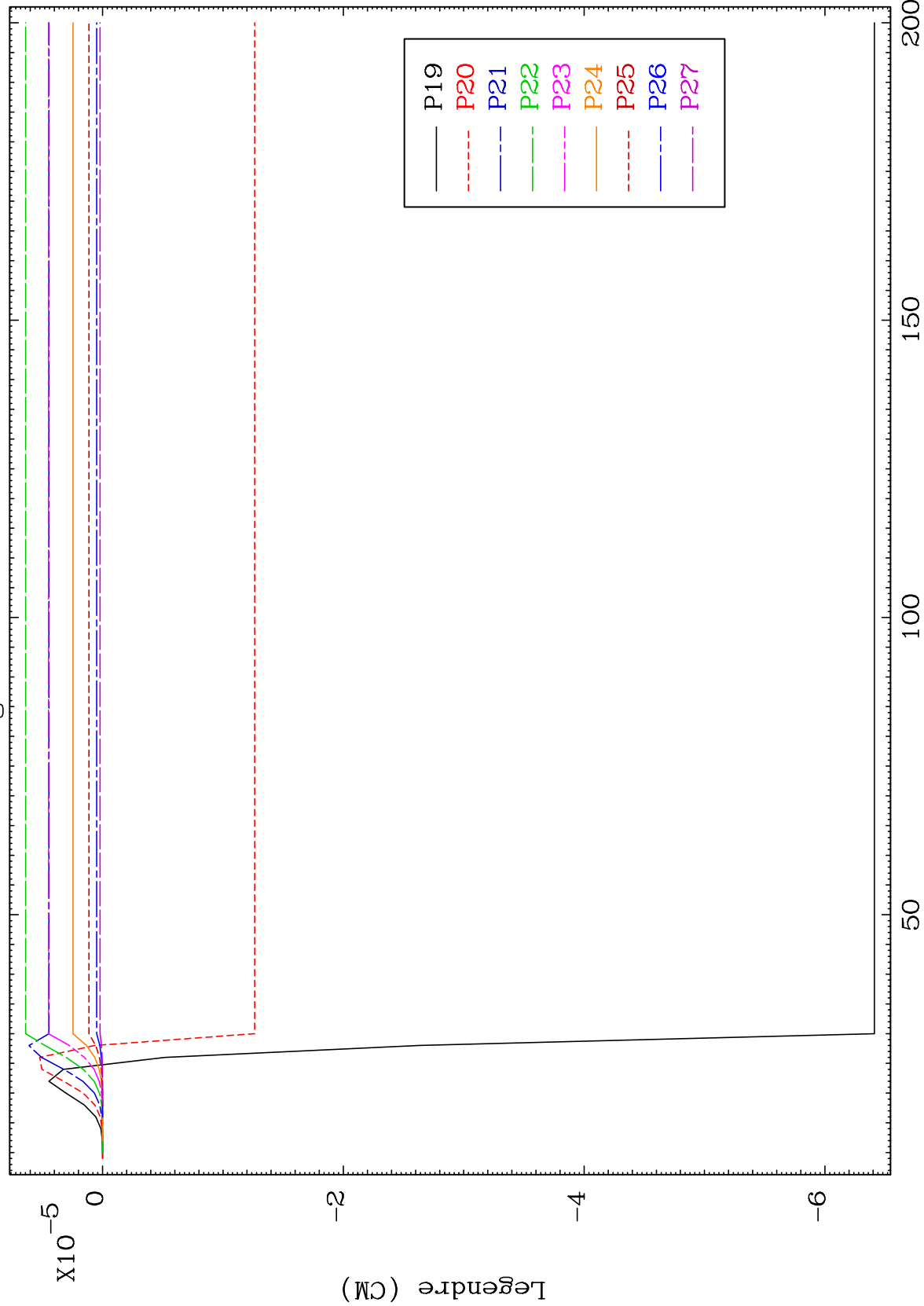
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



59

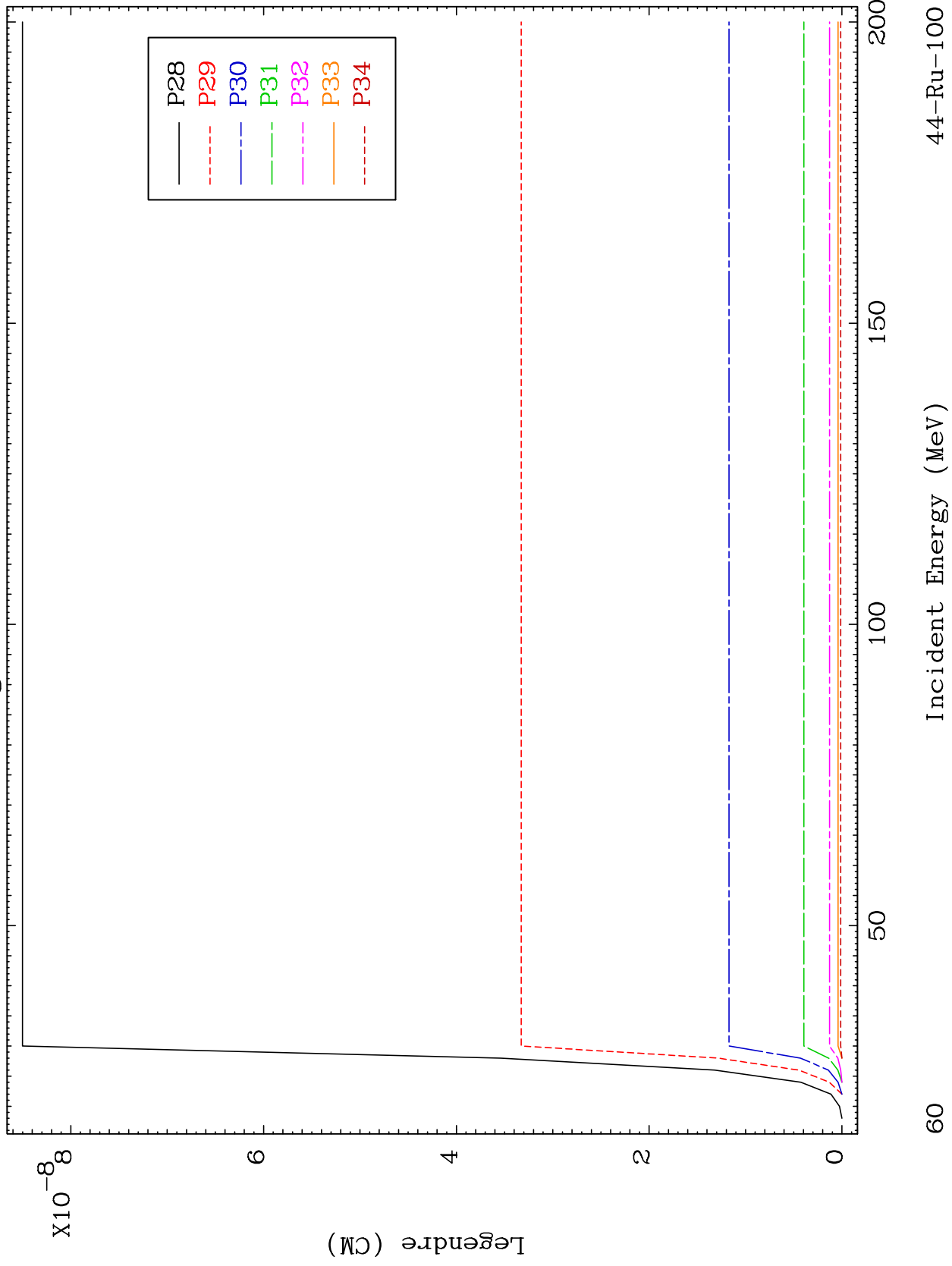
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



60

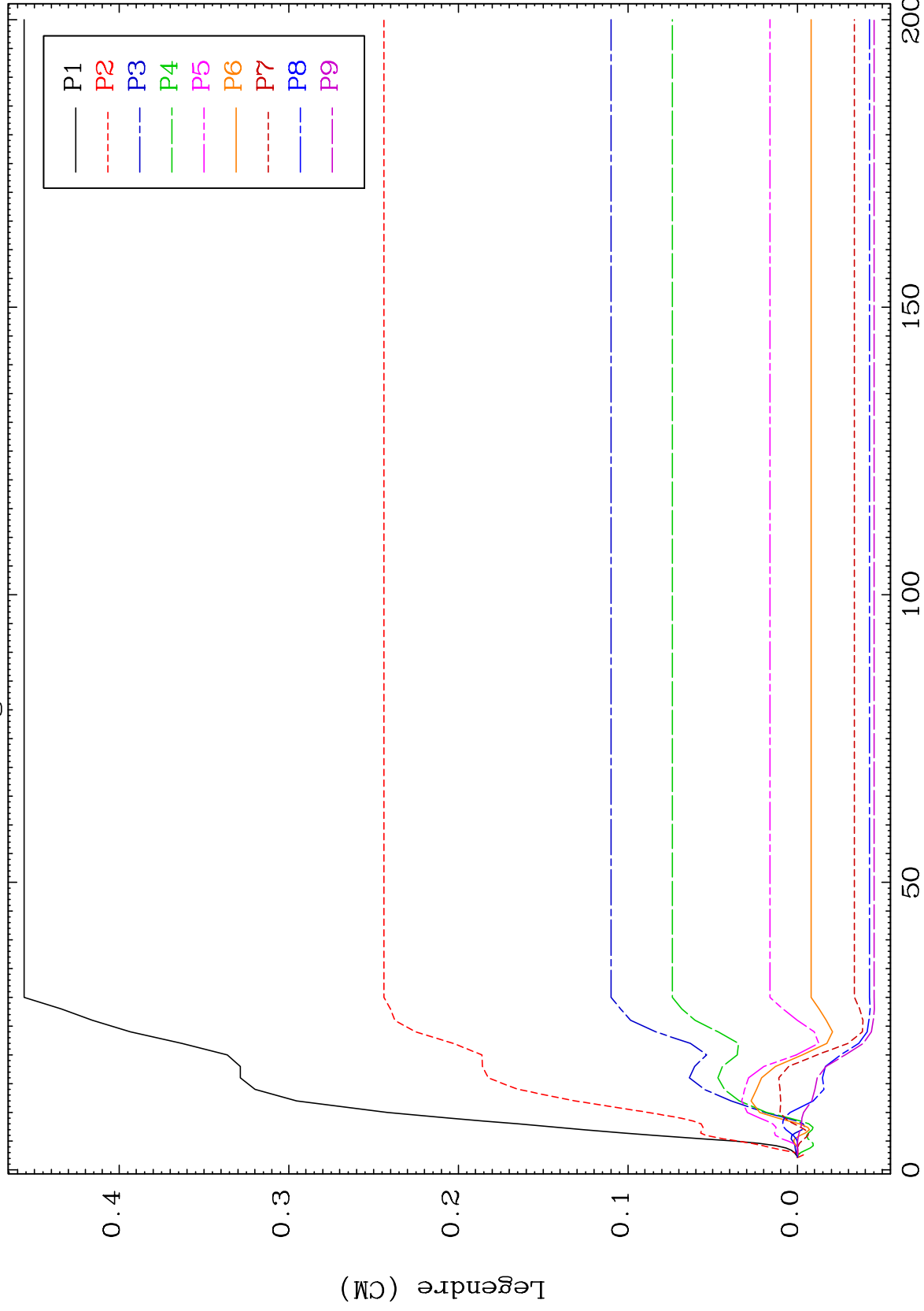
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



61

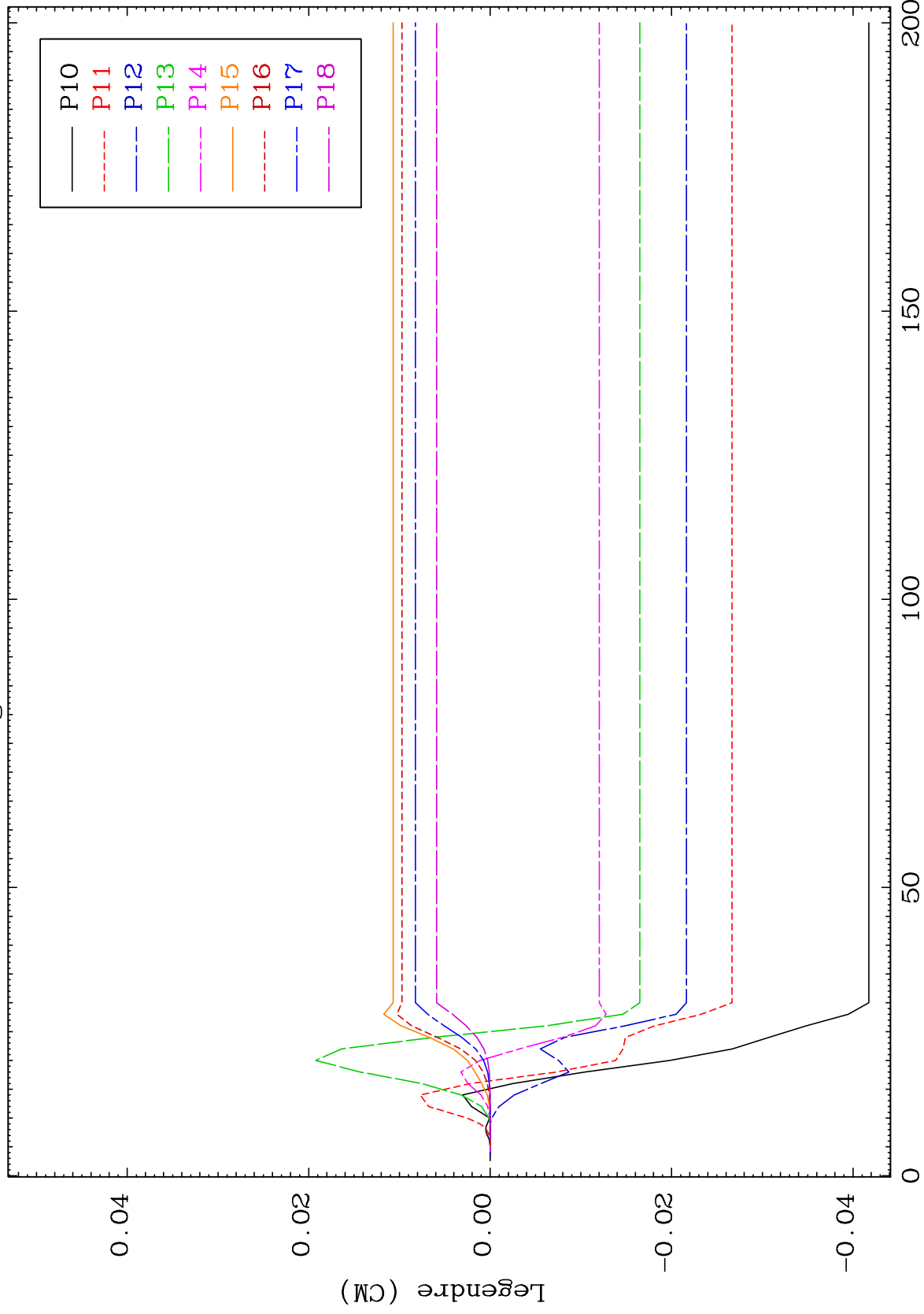
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



62

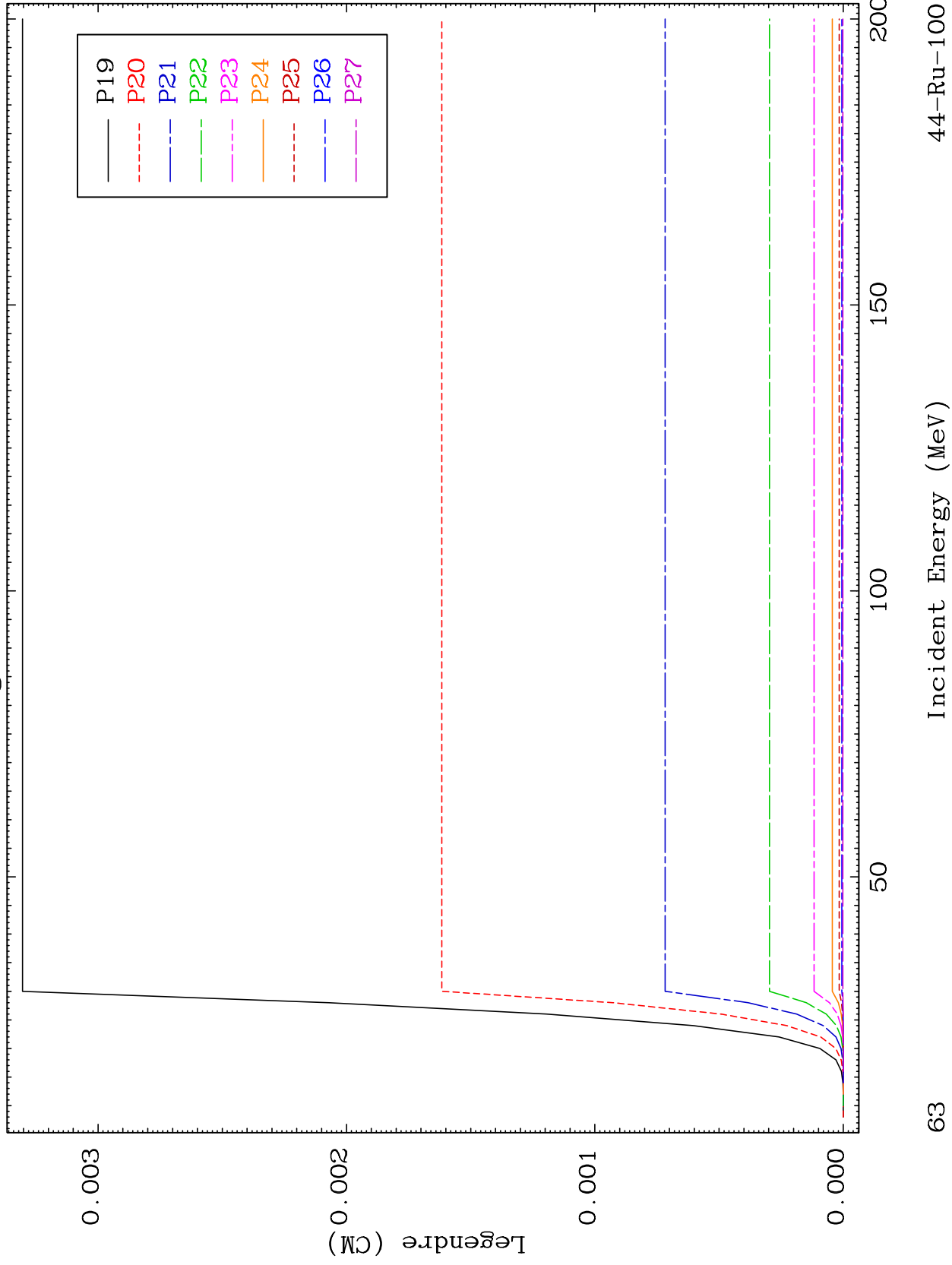
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



63

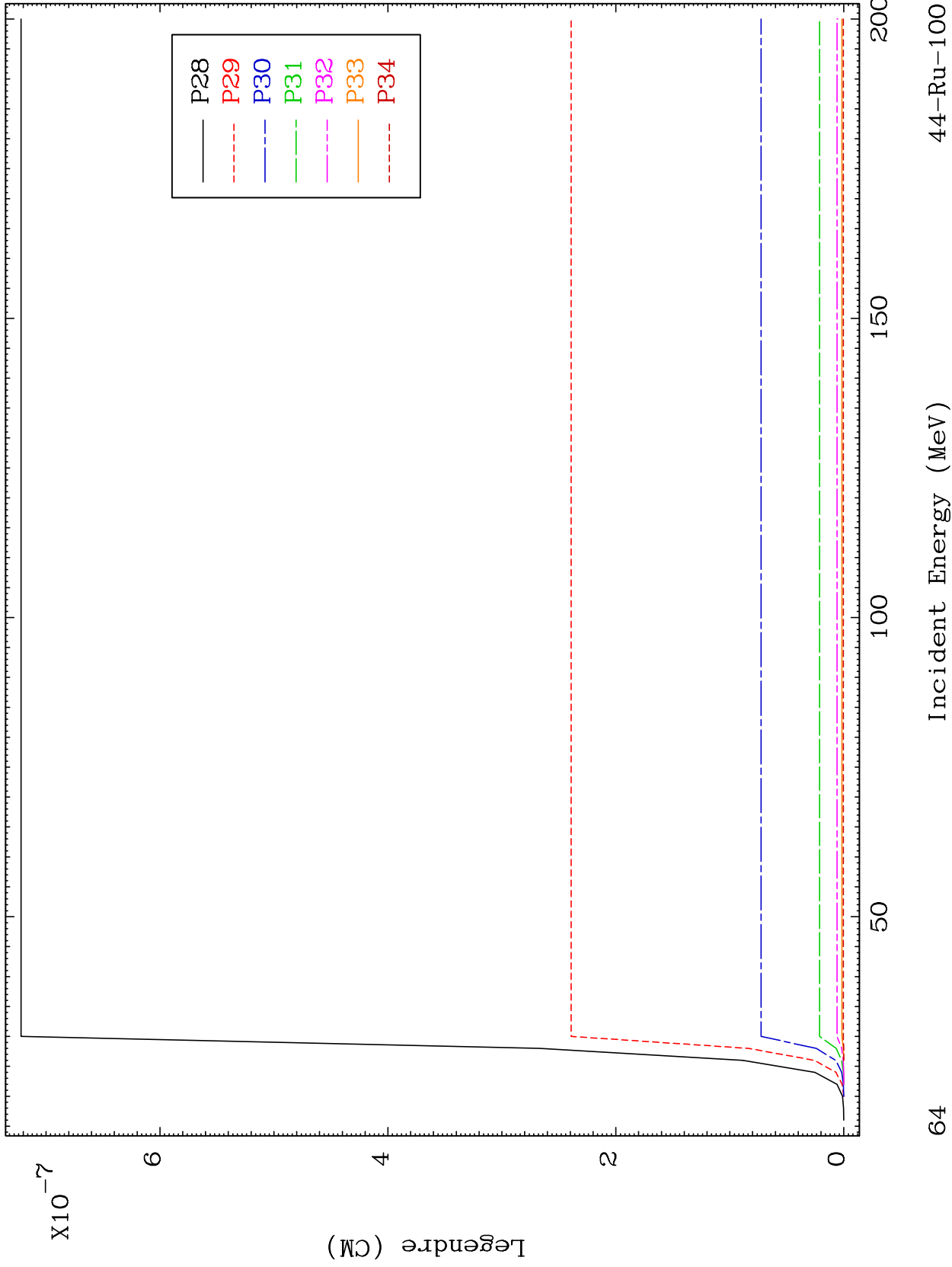
Incident Energy (MeV)

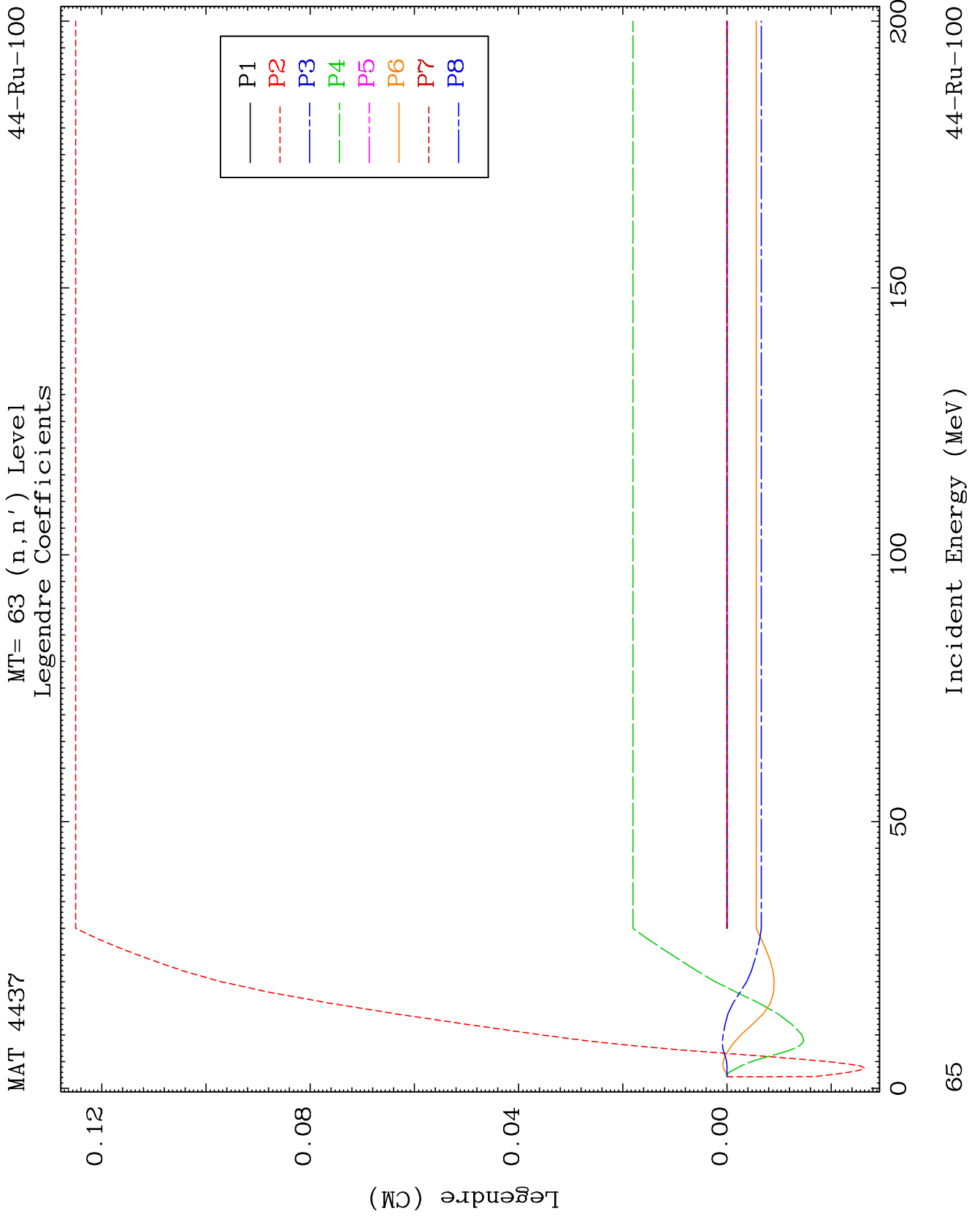
44-Ru-100

MAT 4437

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

44-Ru-100

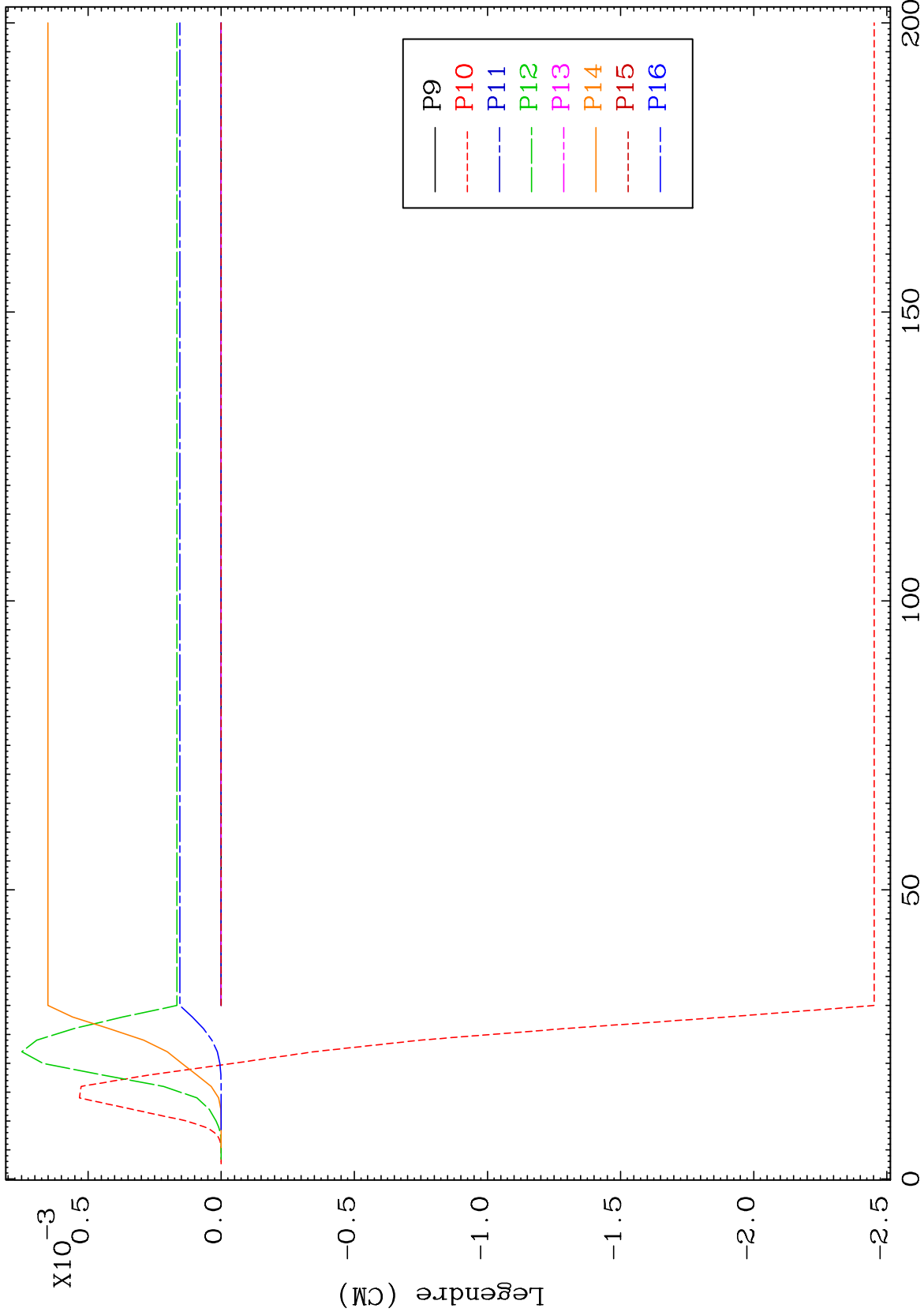




MAT 4437

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

44-Ru-100



66

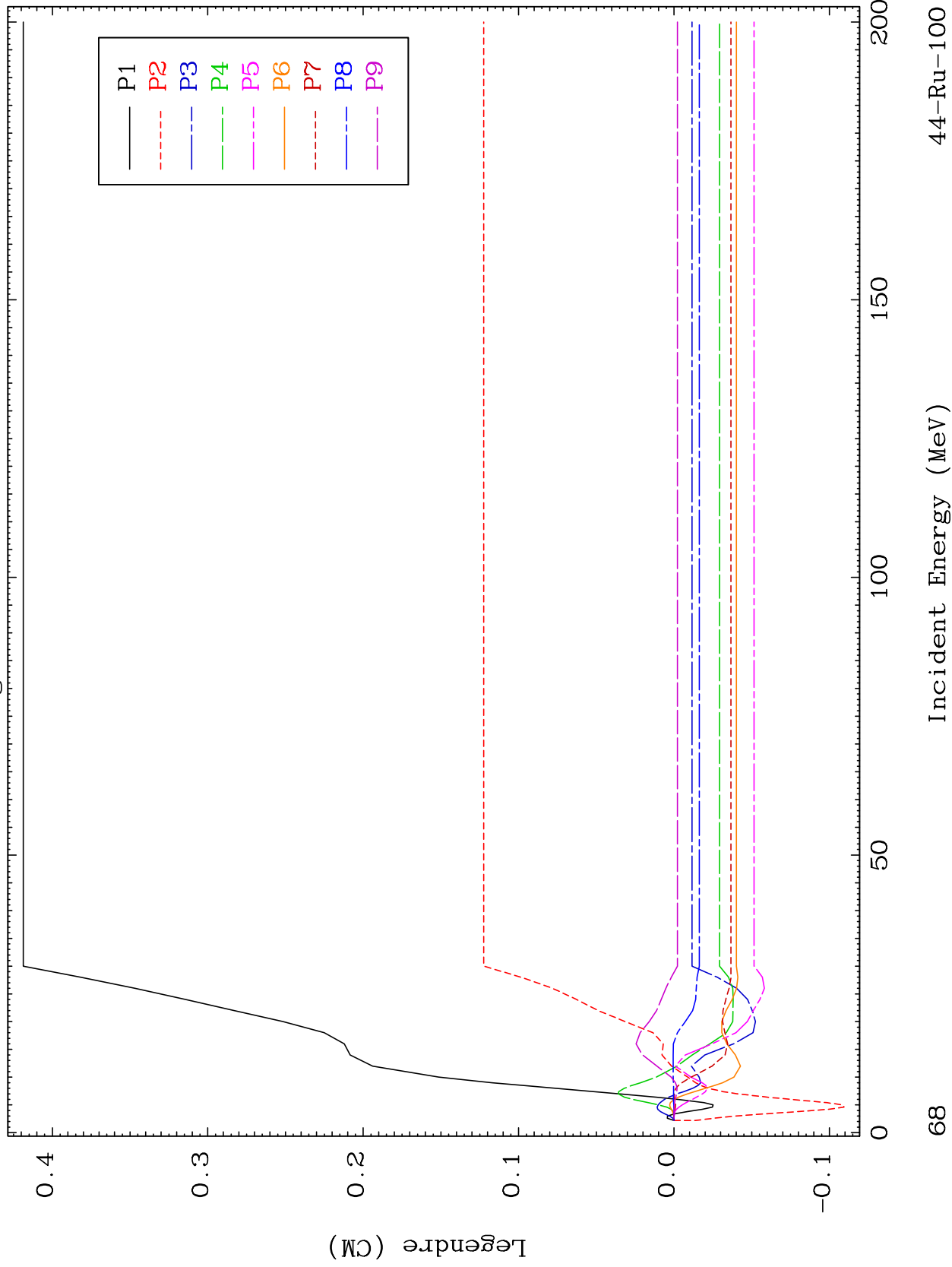
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



68

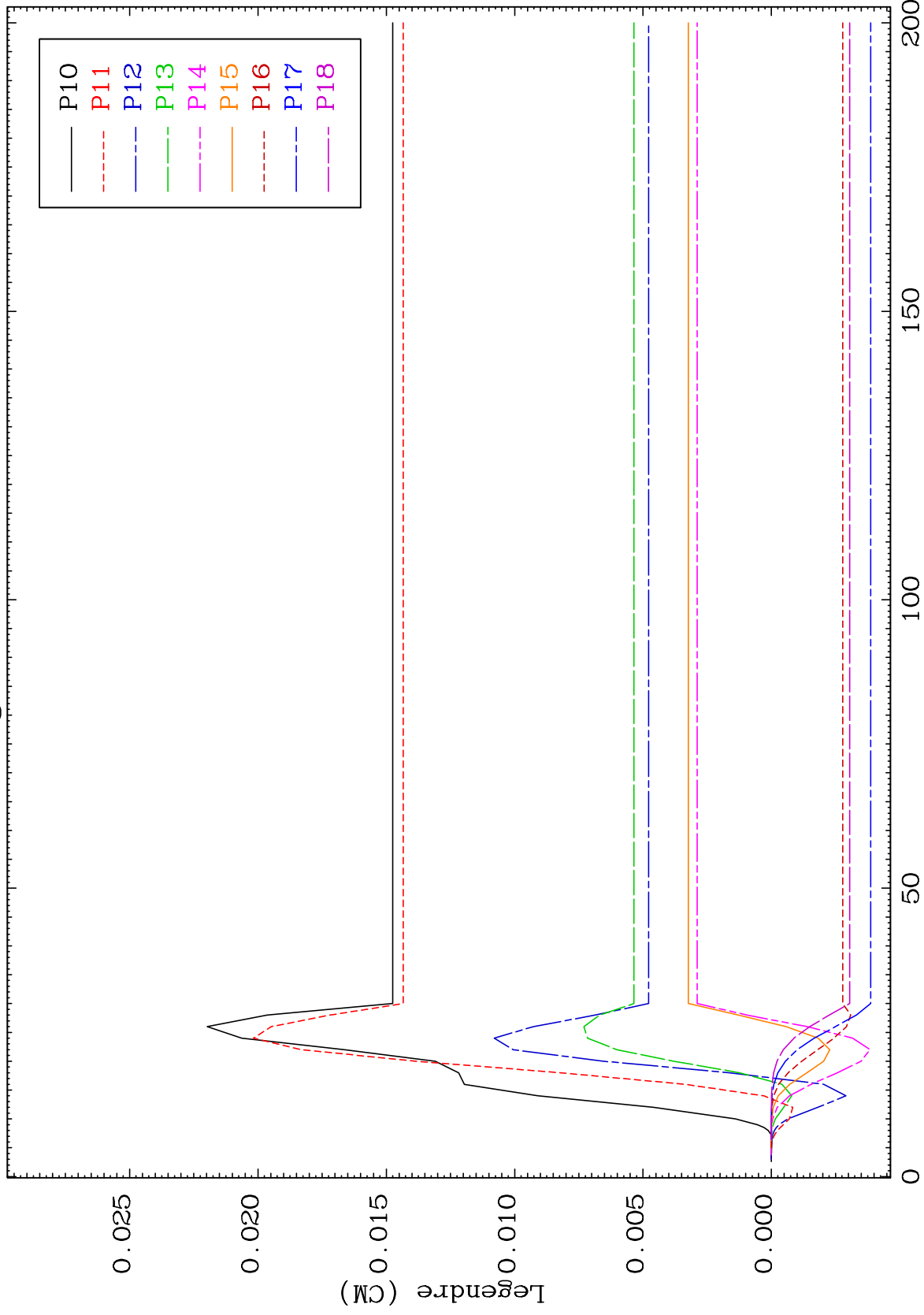
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

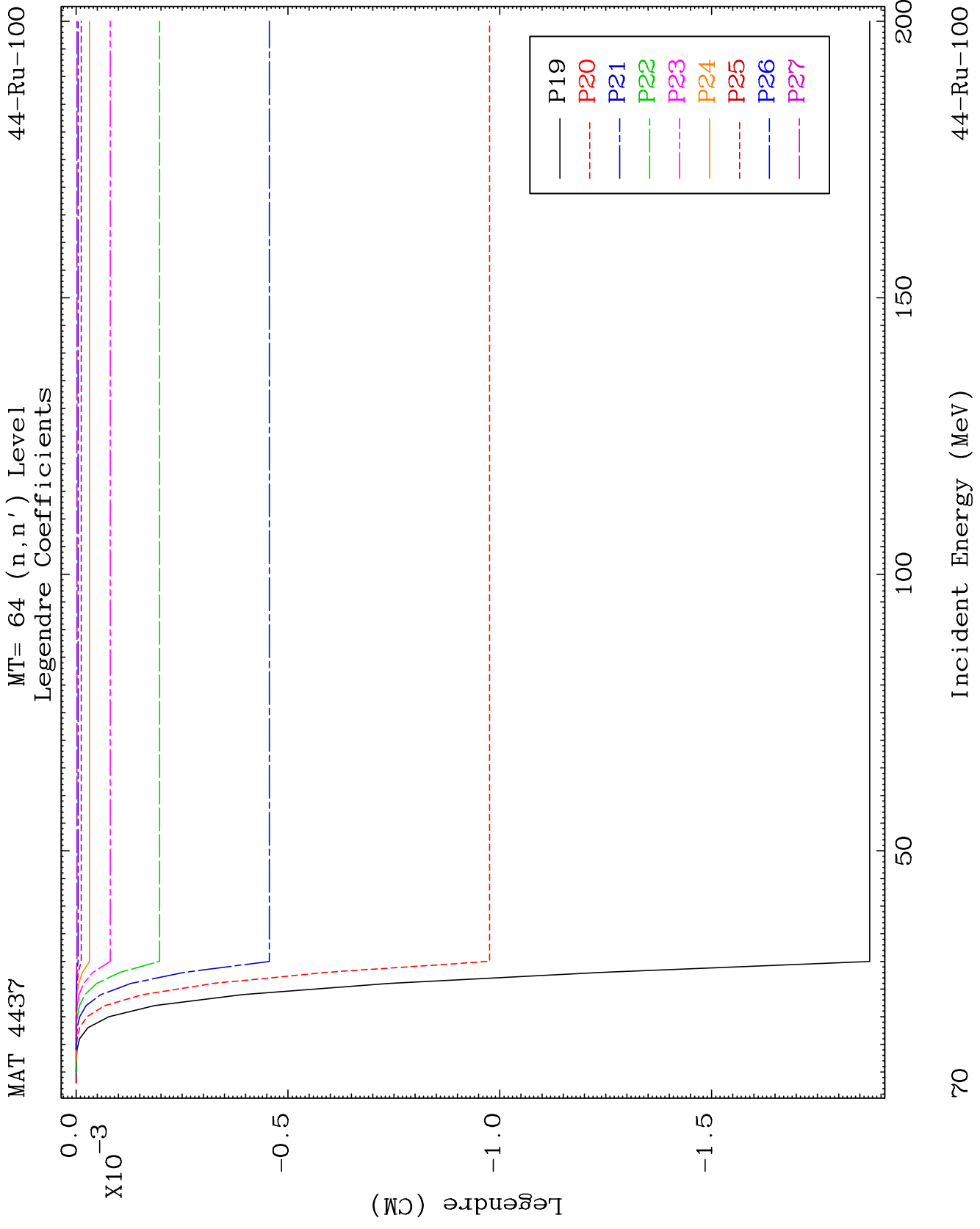
44-Ru-100

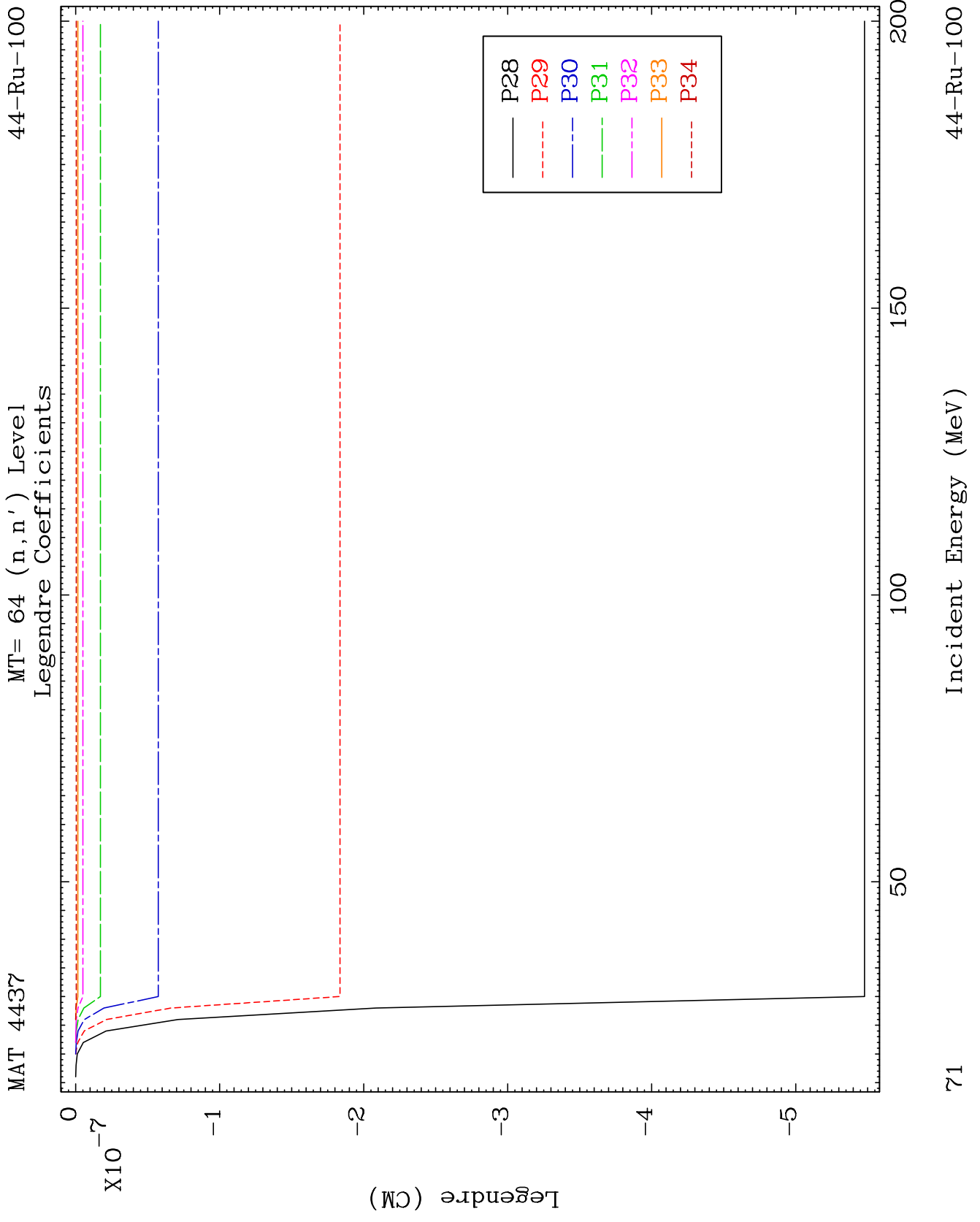


69

Incident Energy (MeV)

44-Ru-100

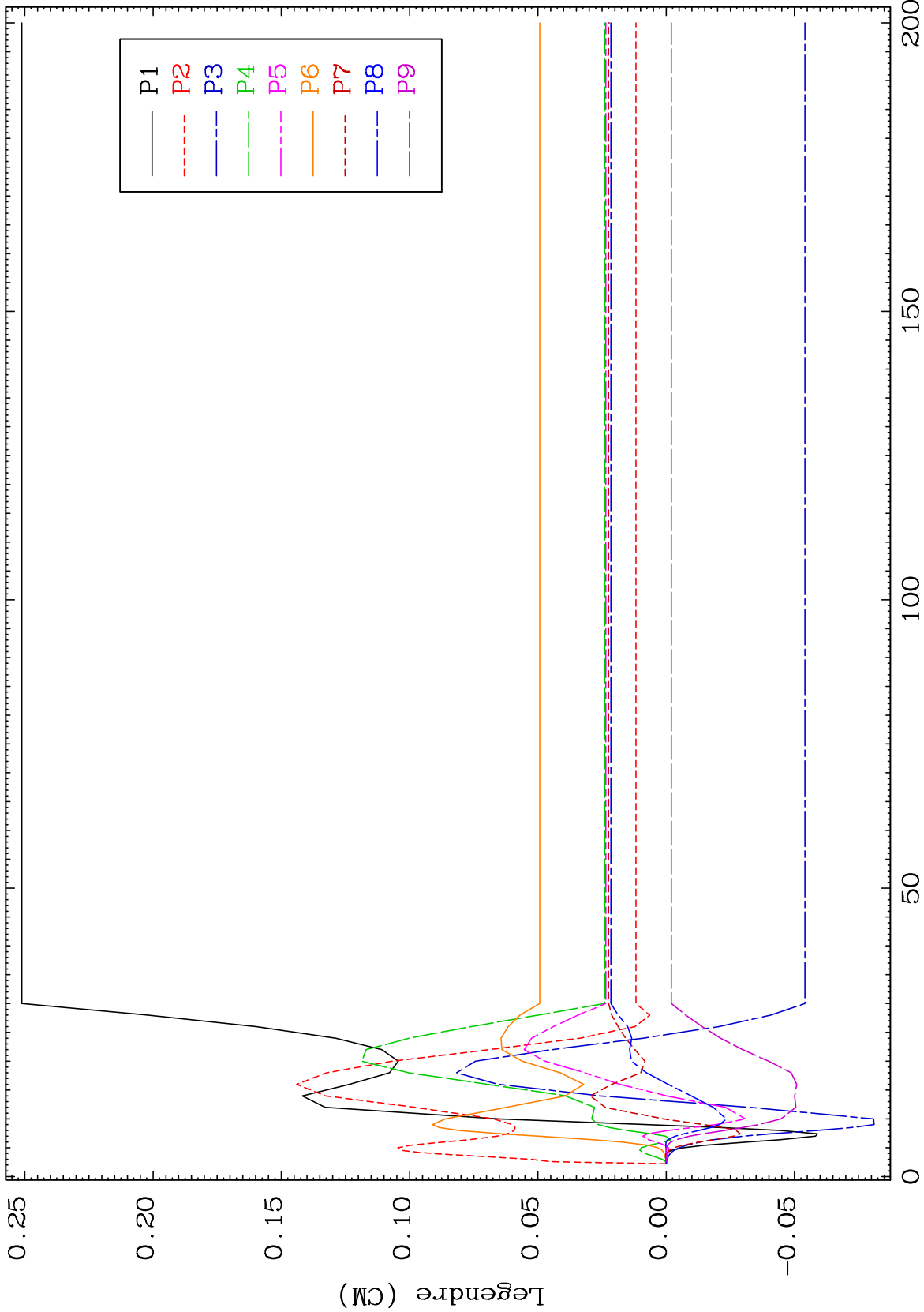




MAT 4437

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

44-Ru-100



72

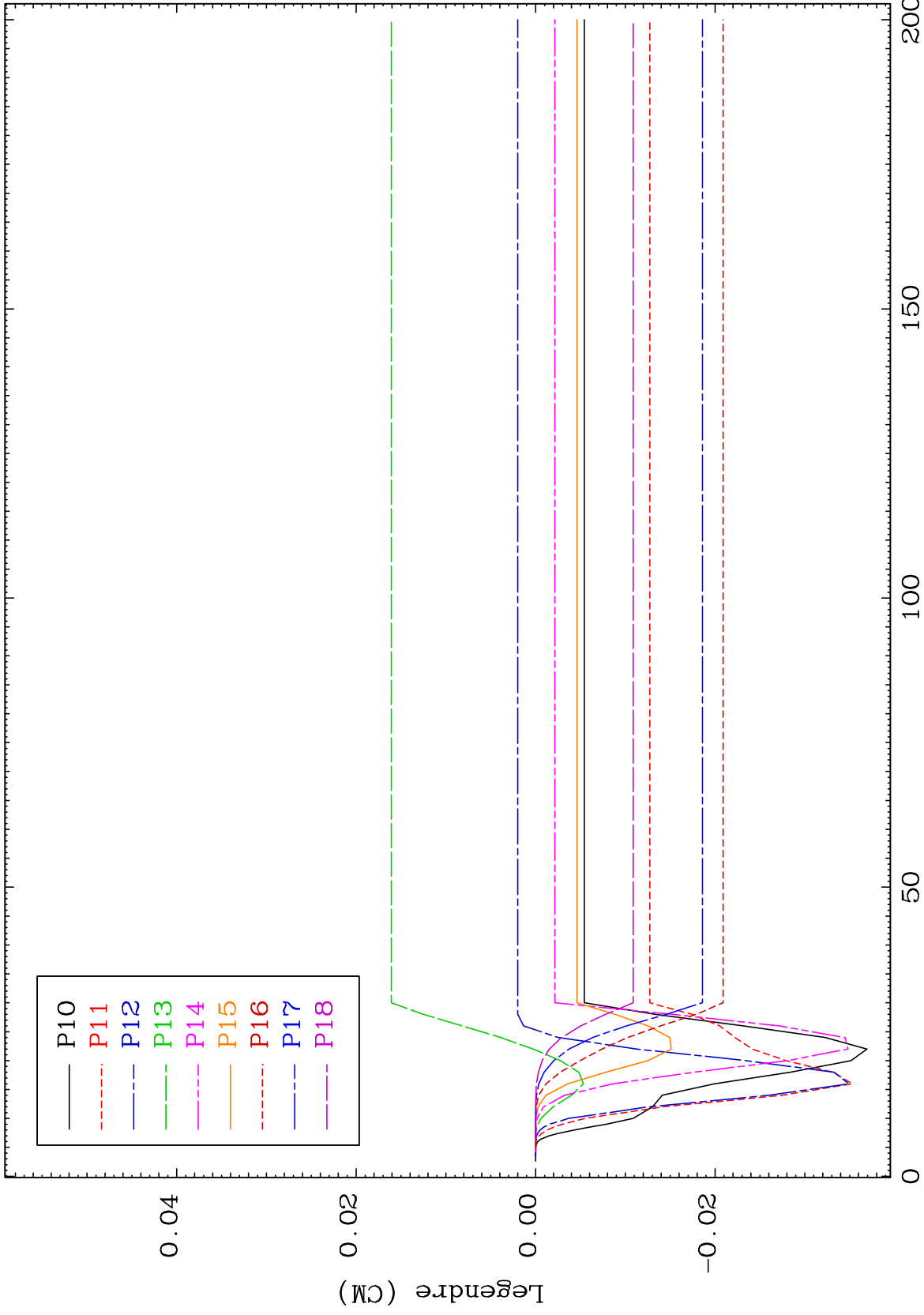
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

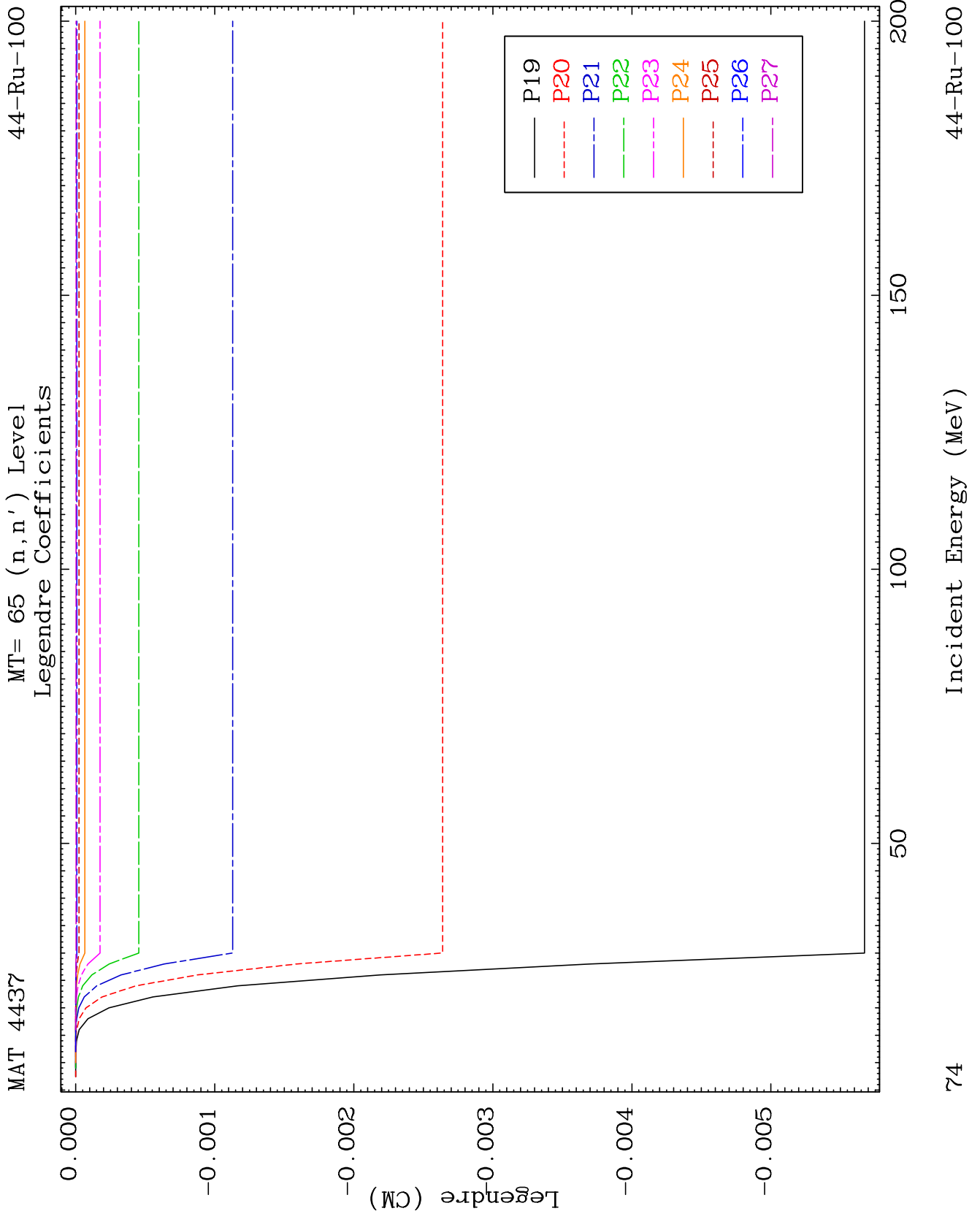
44-Ru-100

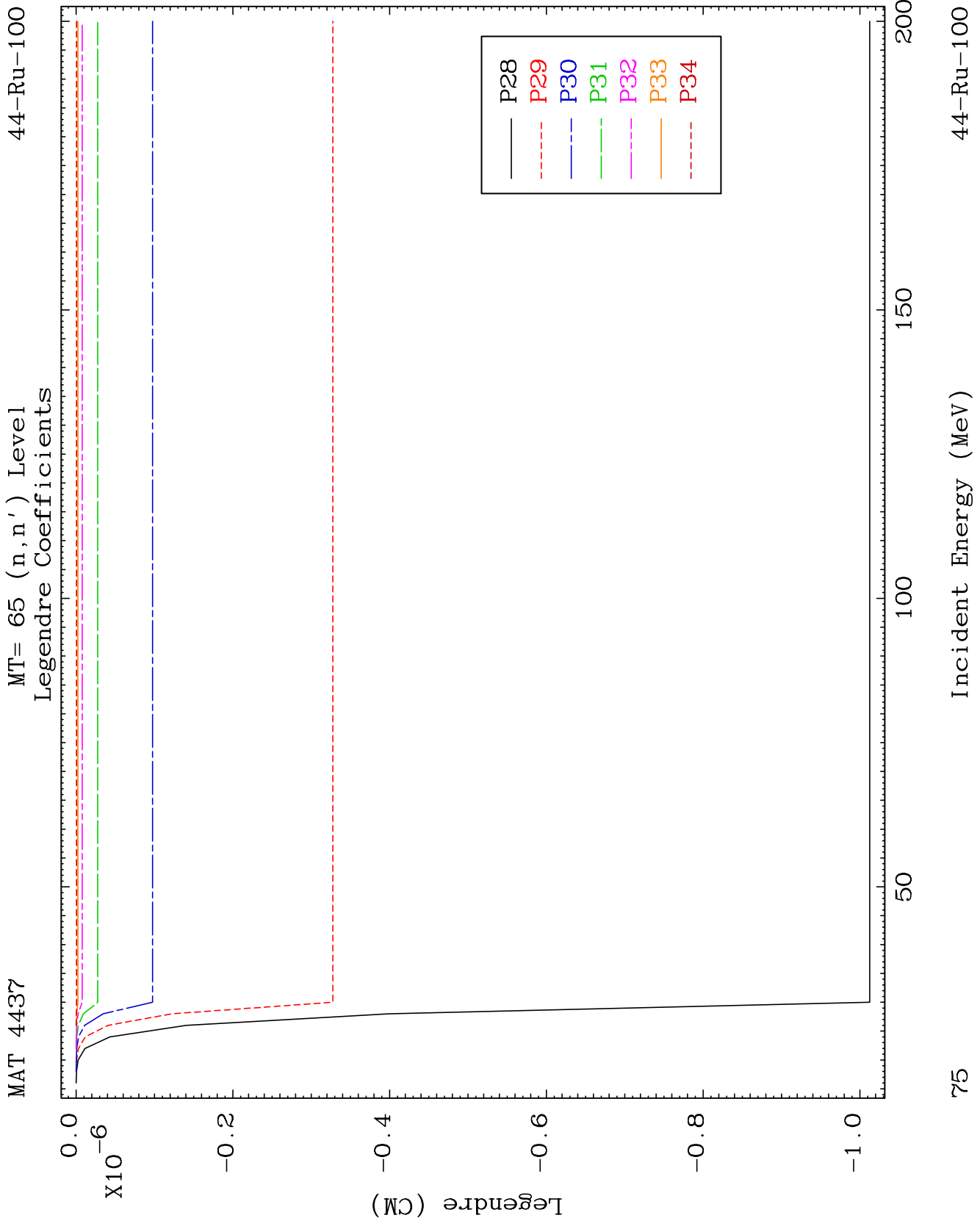


73

Incident Energy (MeV)

44-Ru-100

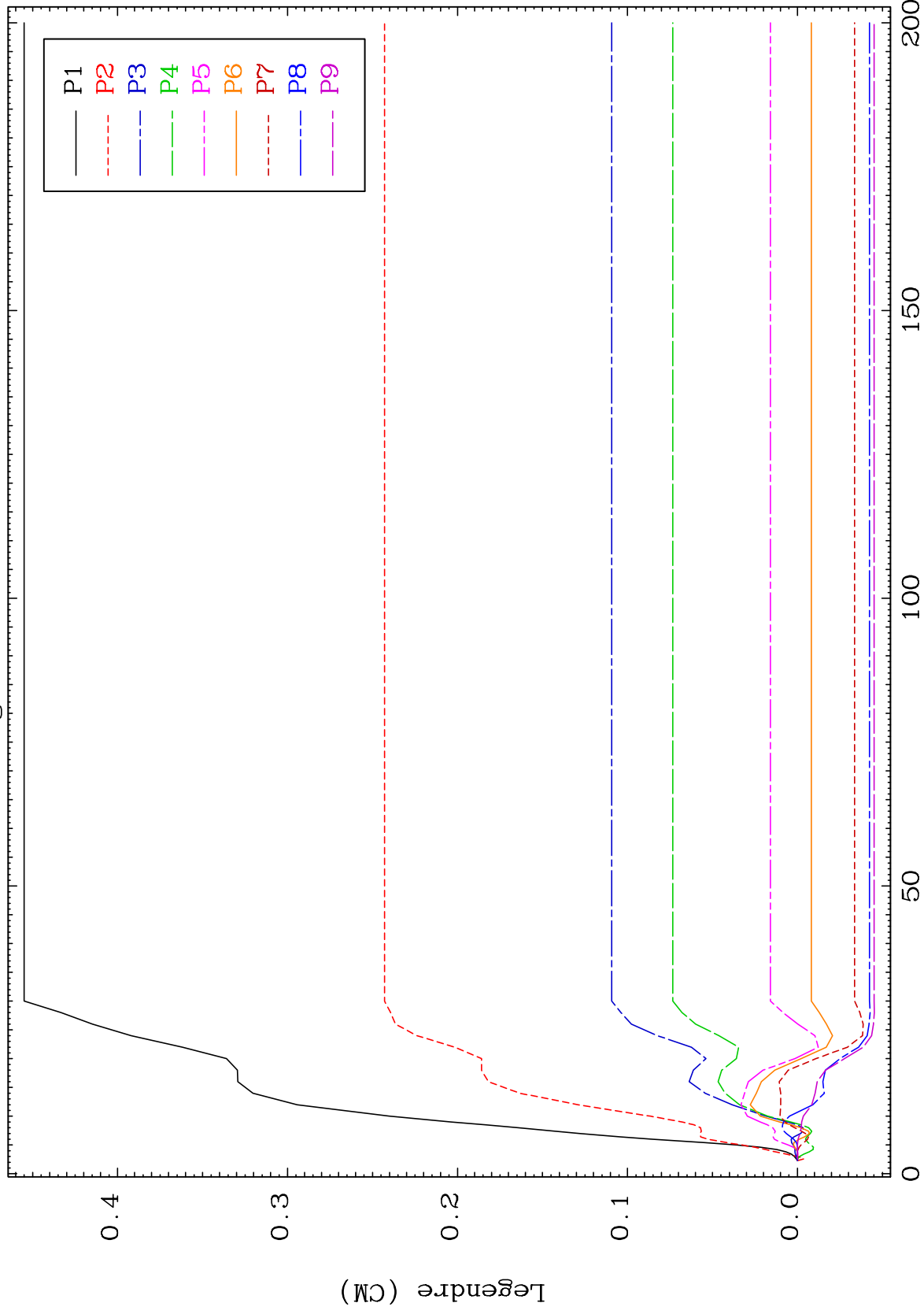




MAT 4437

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

44-Ru-100



76

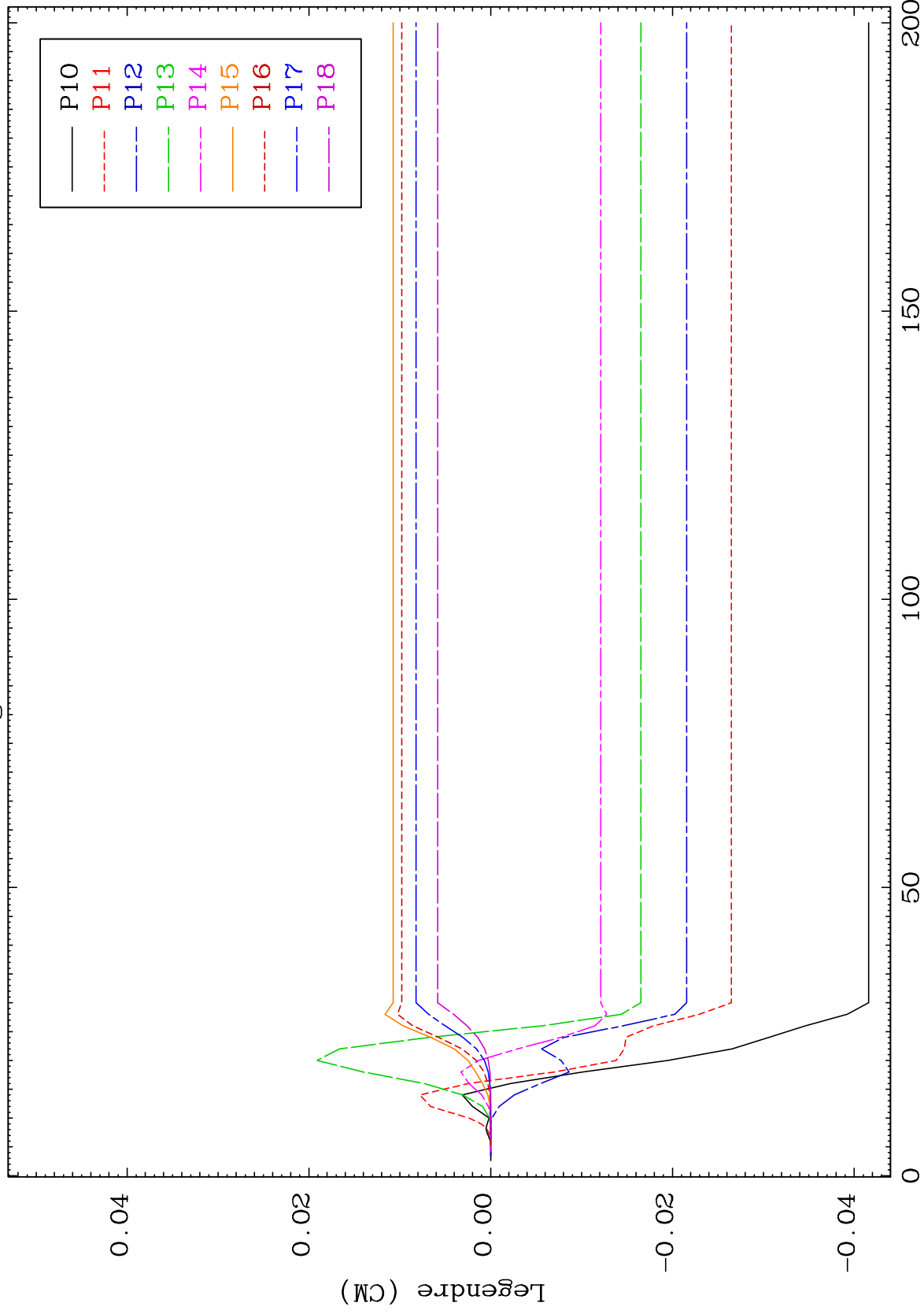
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



77

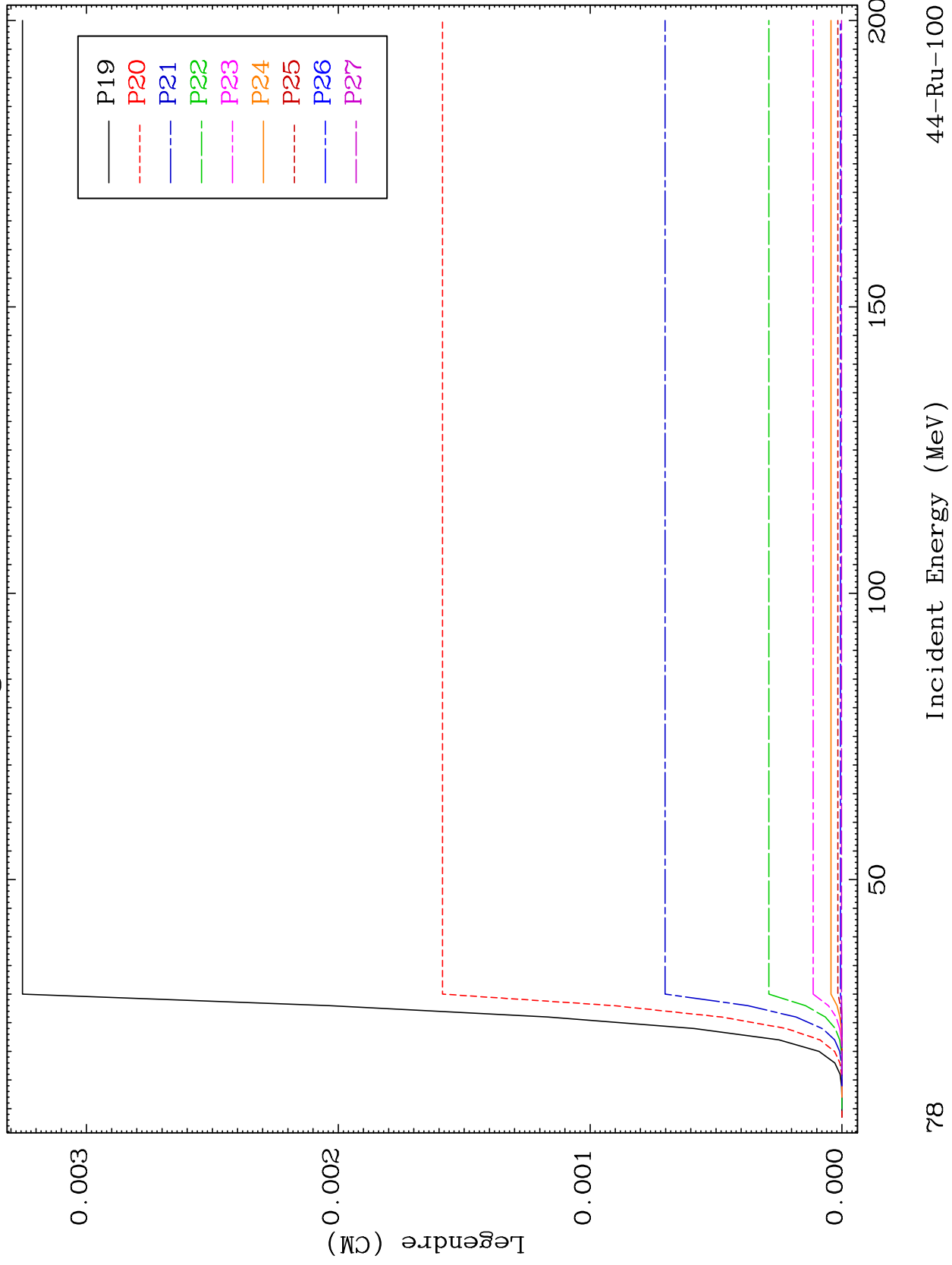
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



78

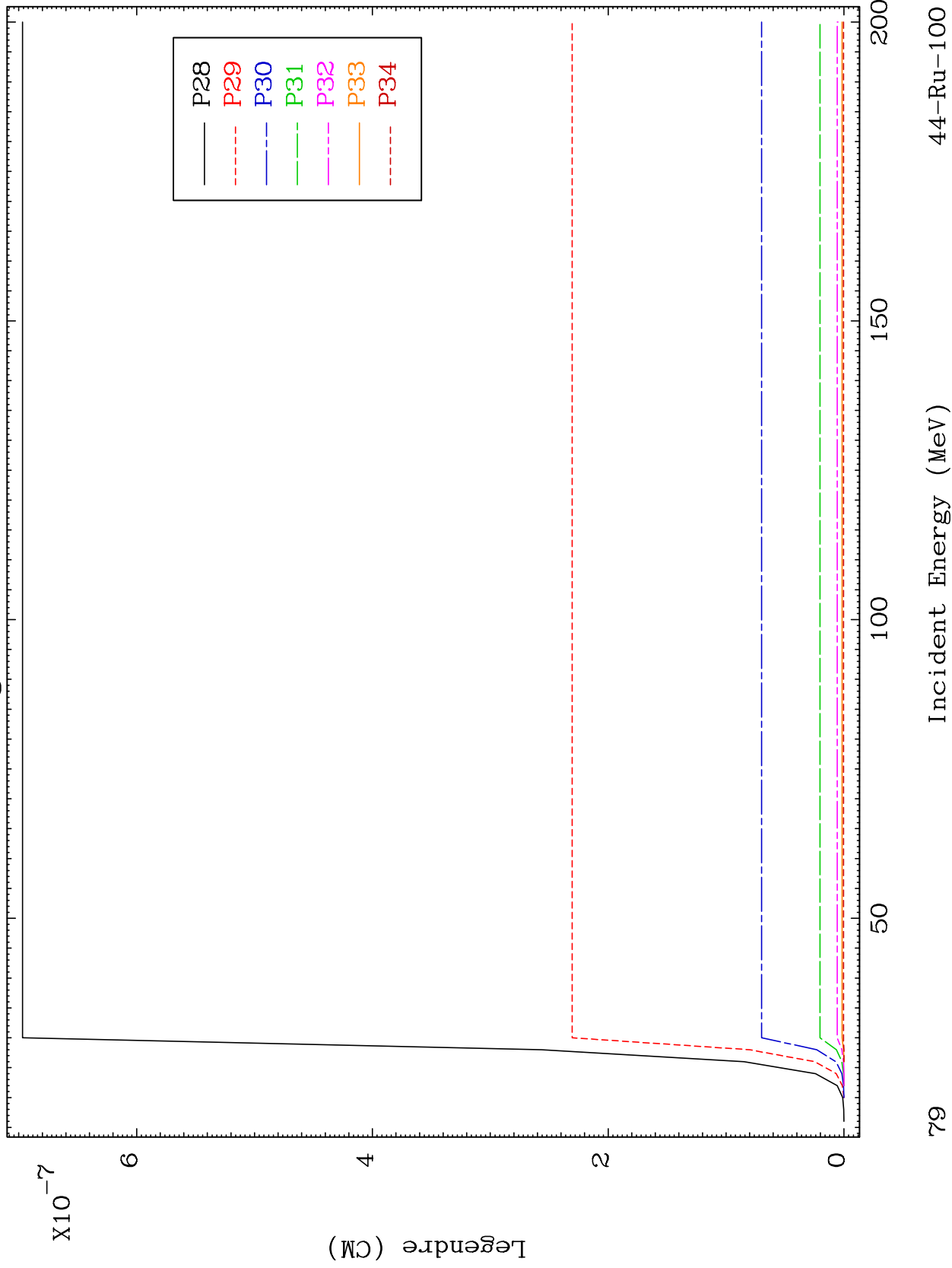
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

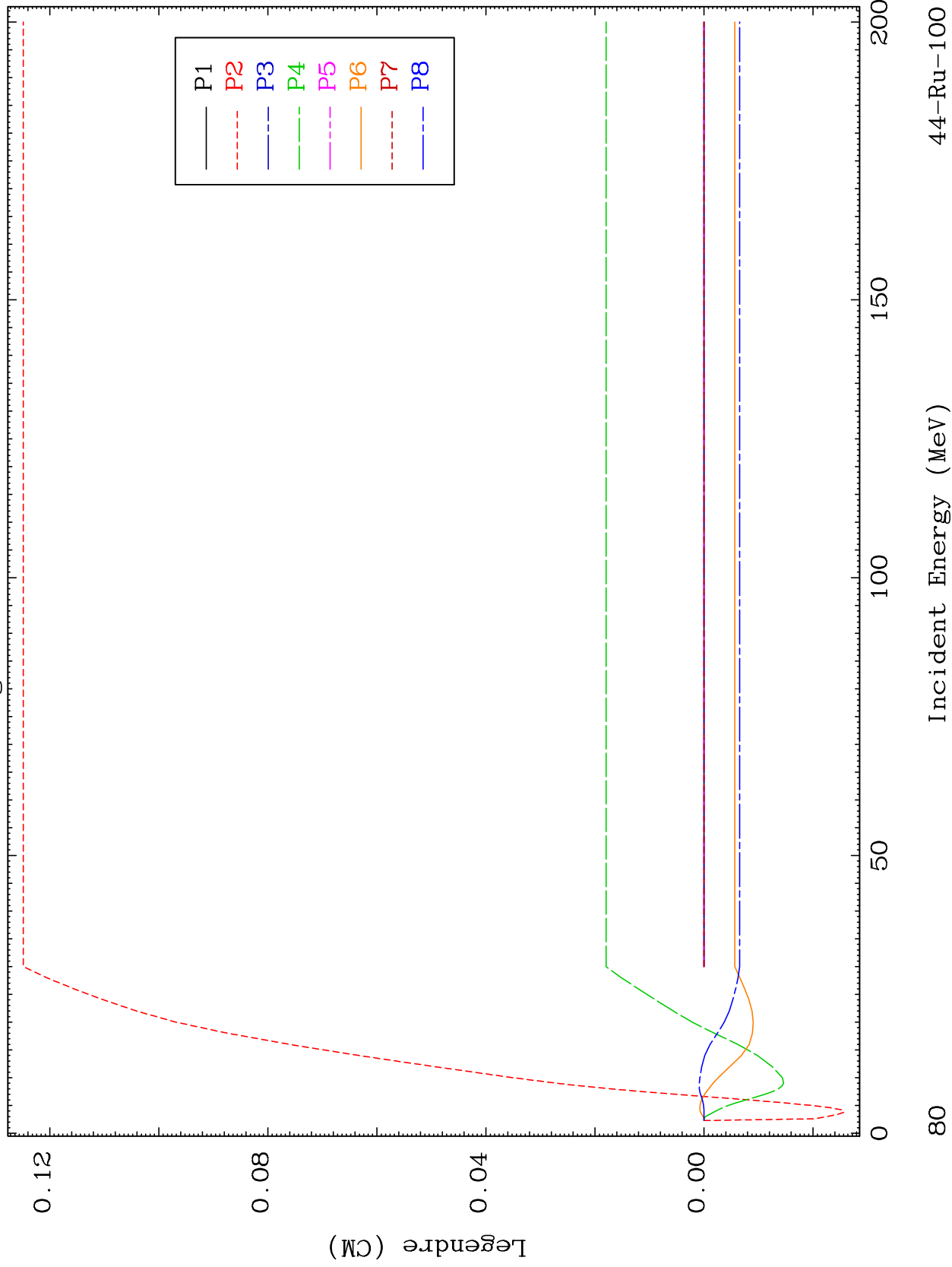
44-Ru-100



MAT 4437

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

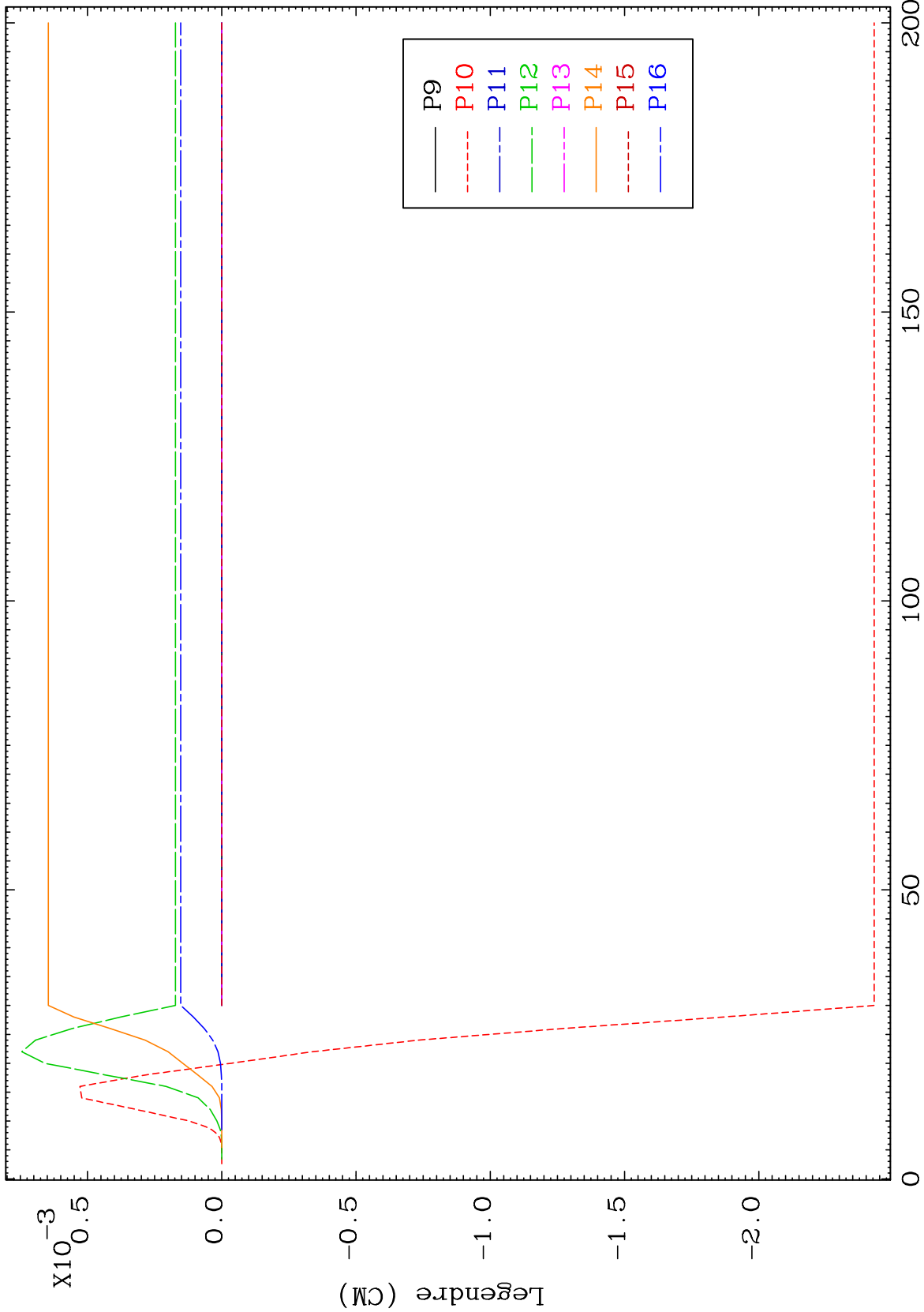
44-Ru-100



MAT 4437

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

44-Ru-100



81

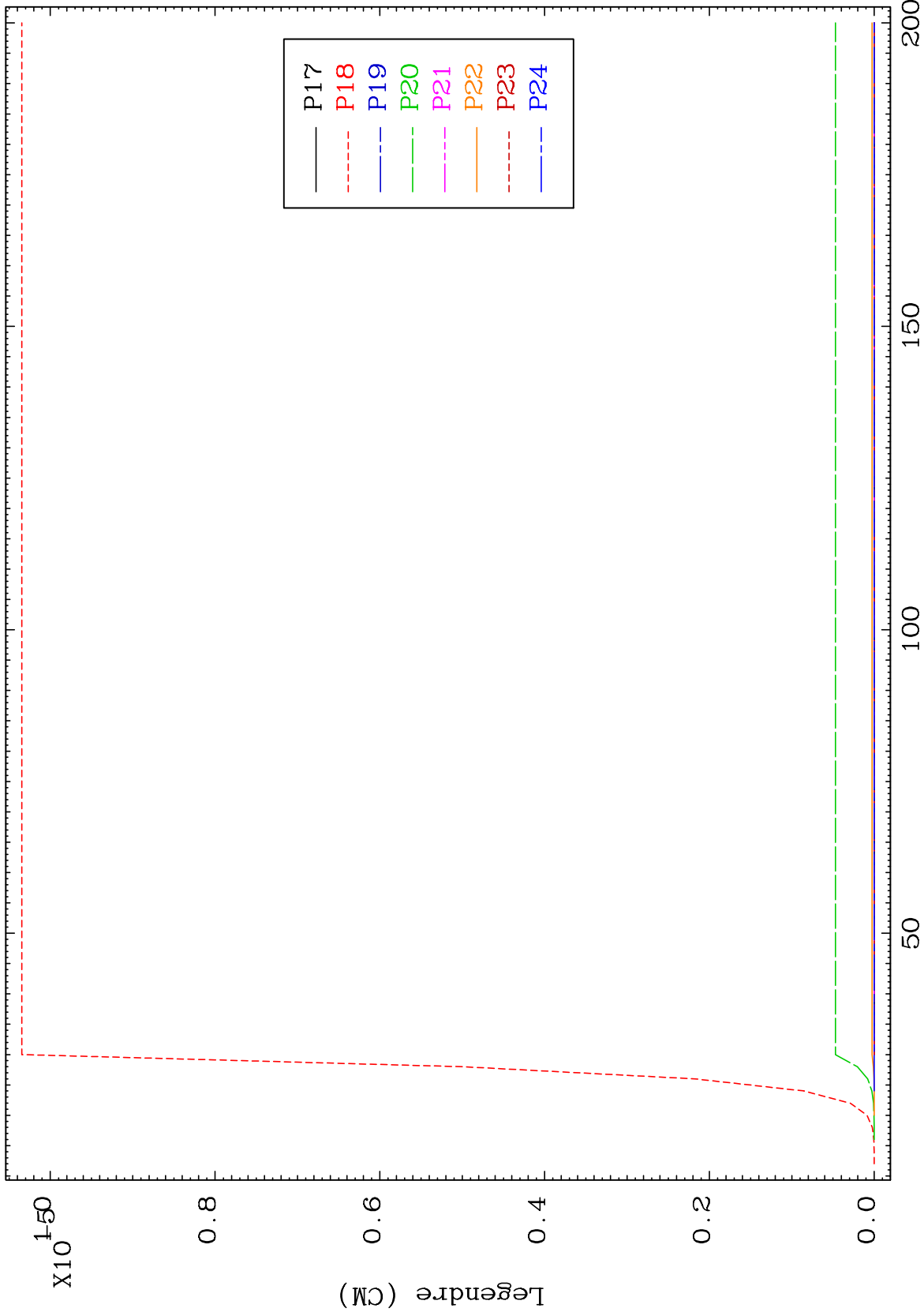
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



82

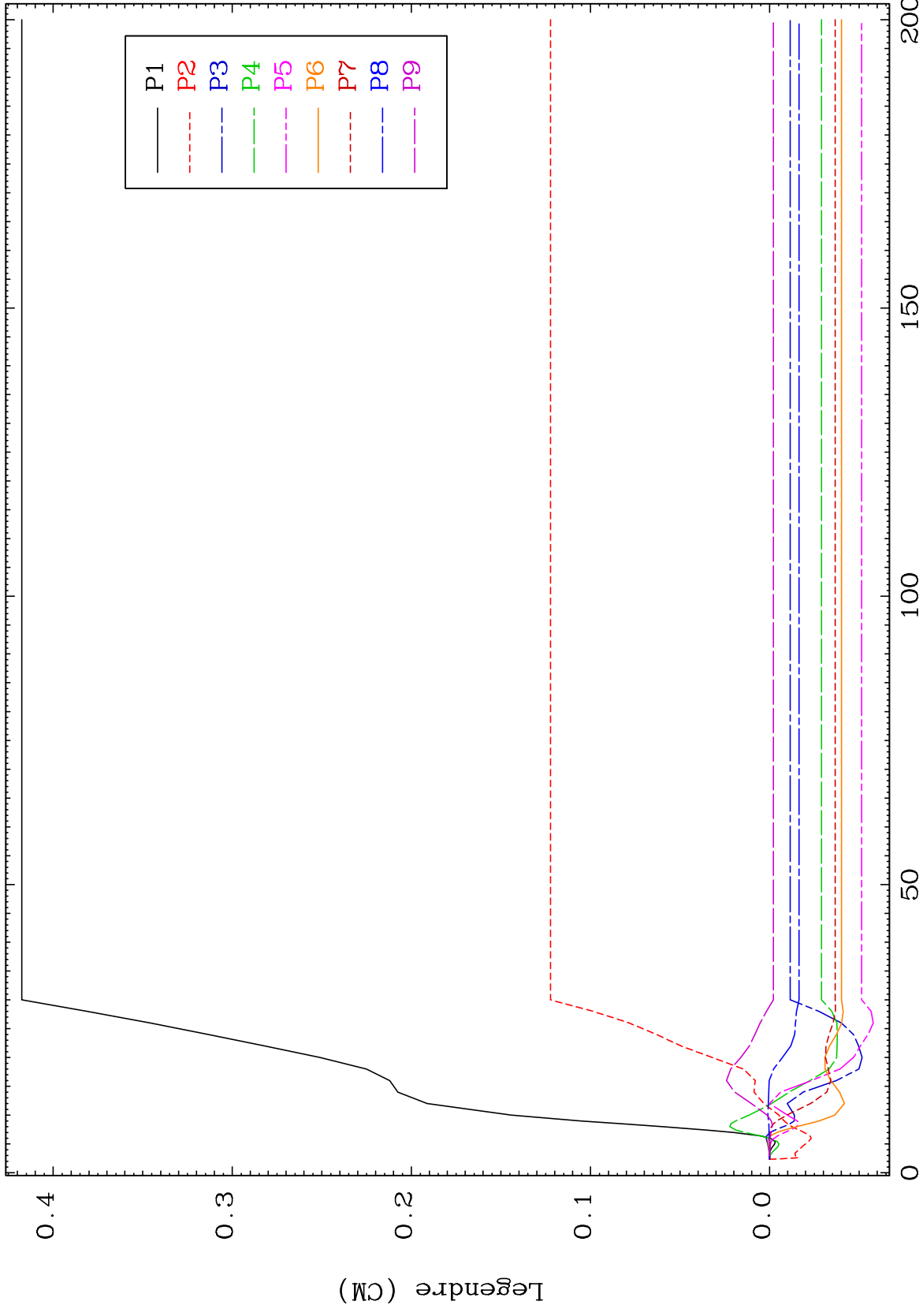
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



83

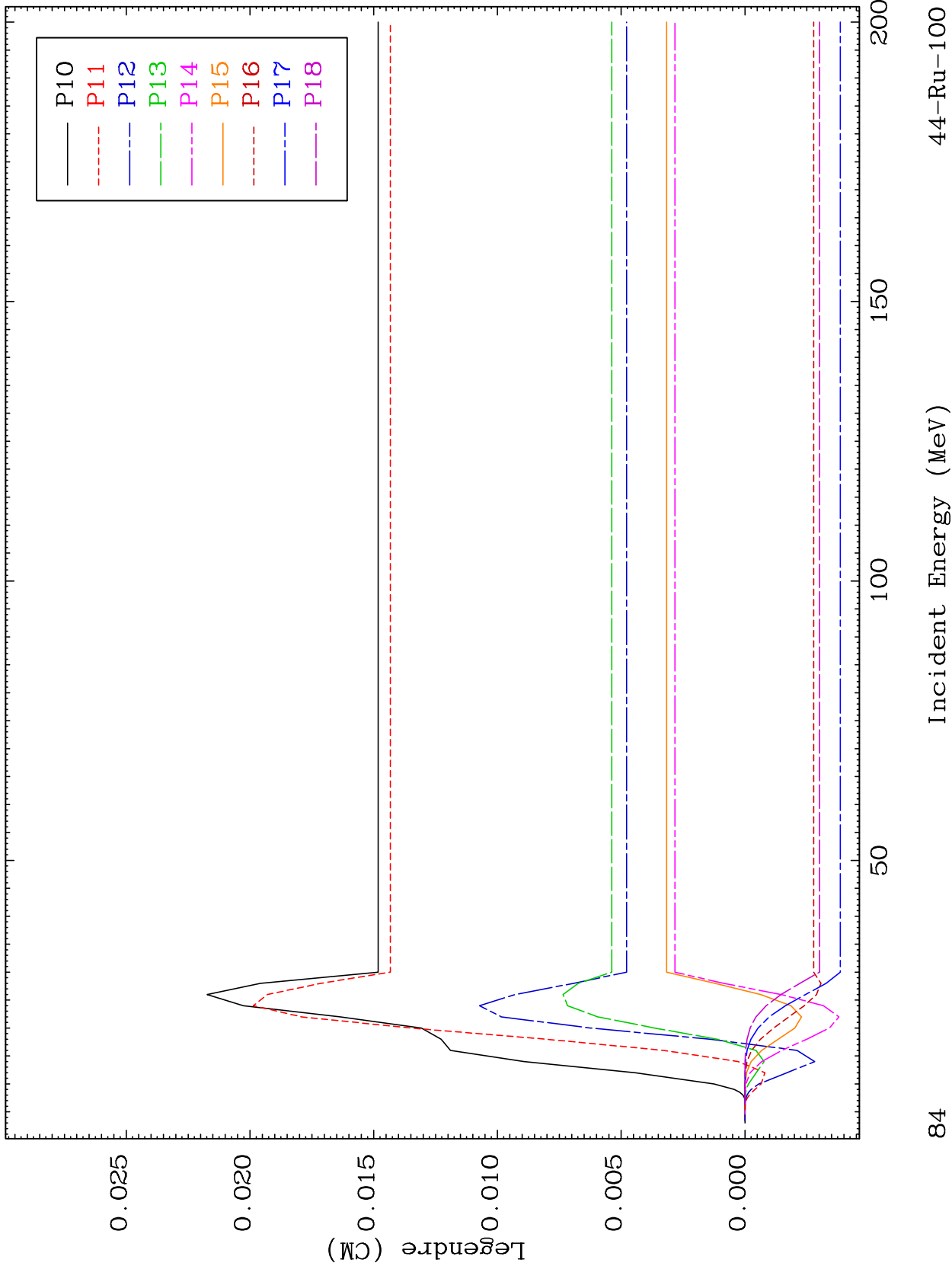
Incident Energy (MeV)

44-Ru-100

MAT 4437

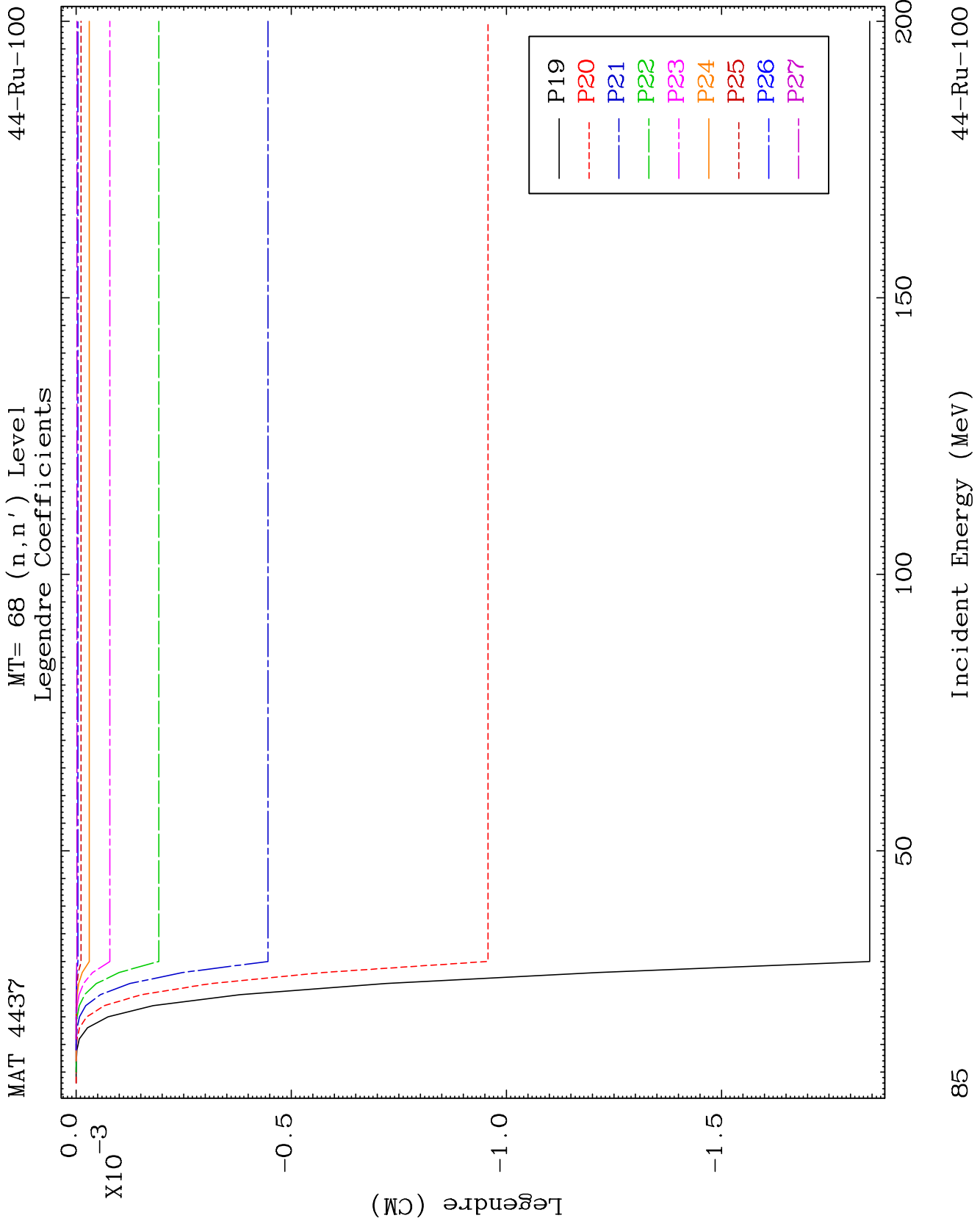
MT= 68 (n,n') Level
Legendre Coefficients

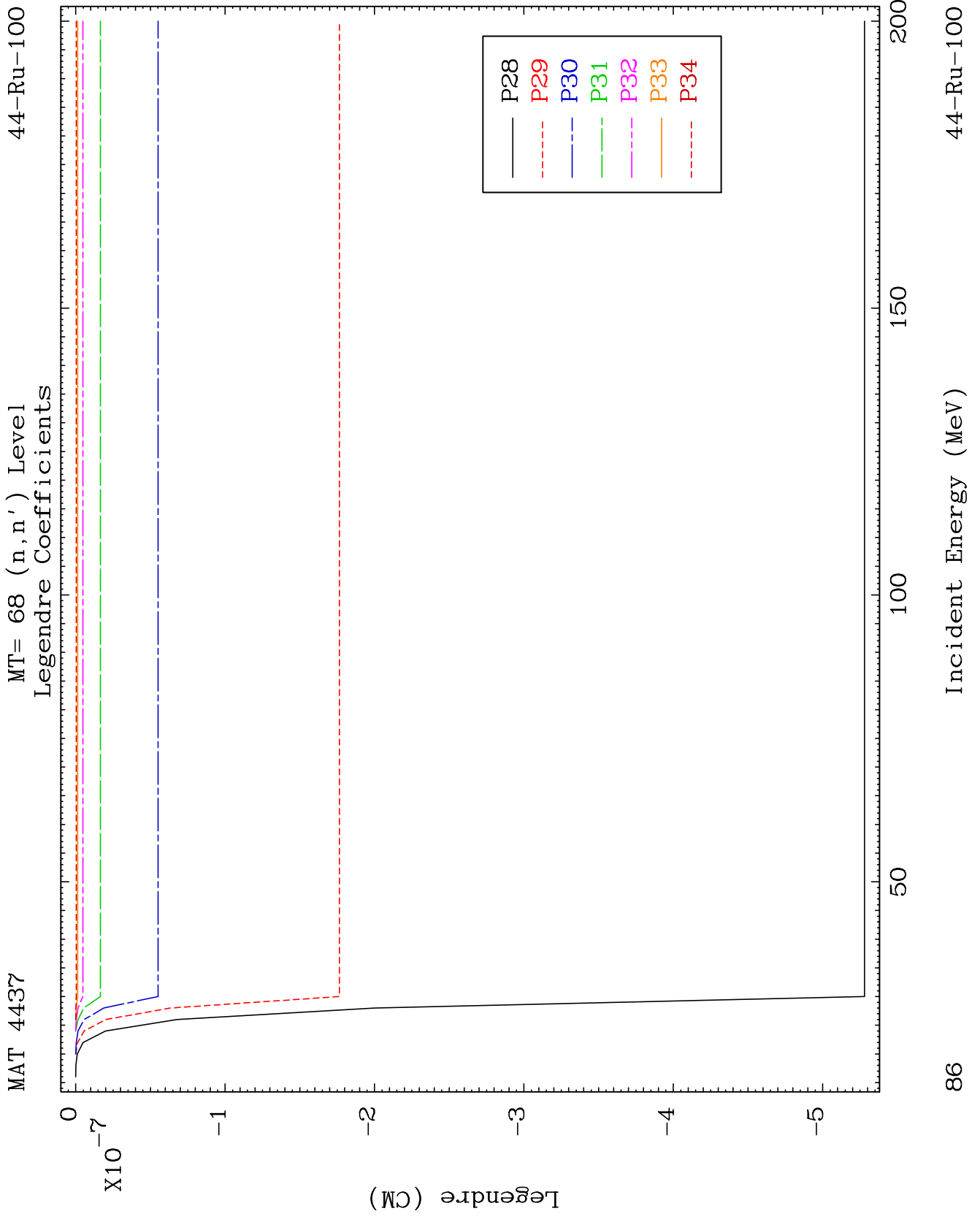
44-Ru-100



84

44-Ru-100

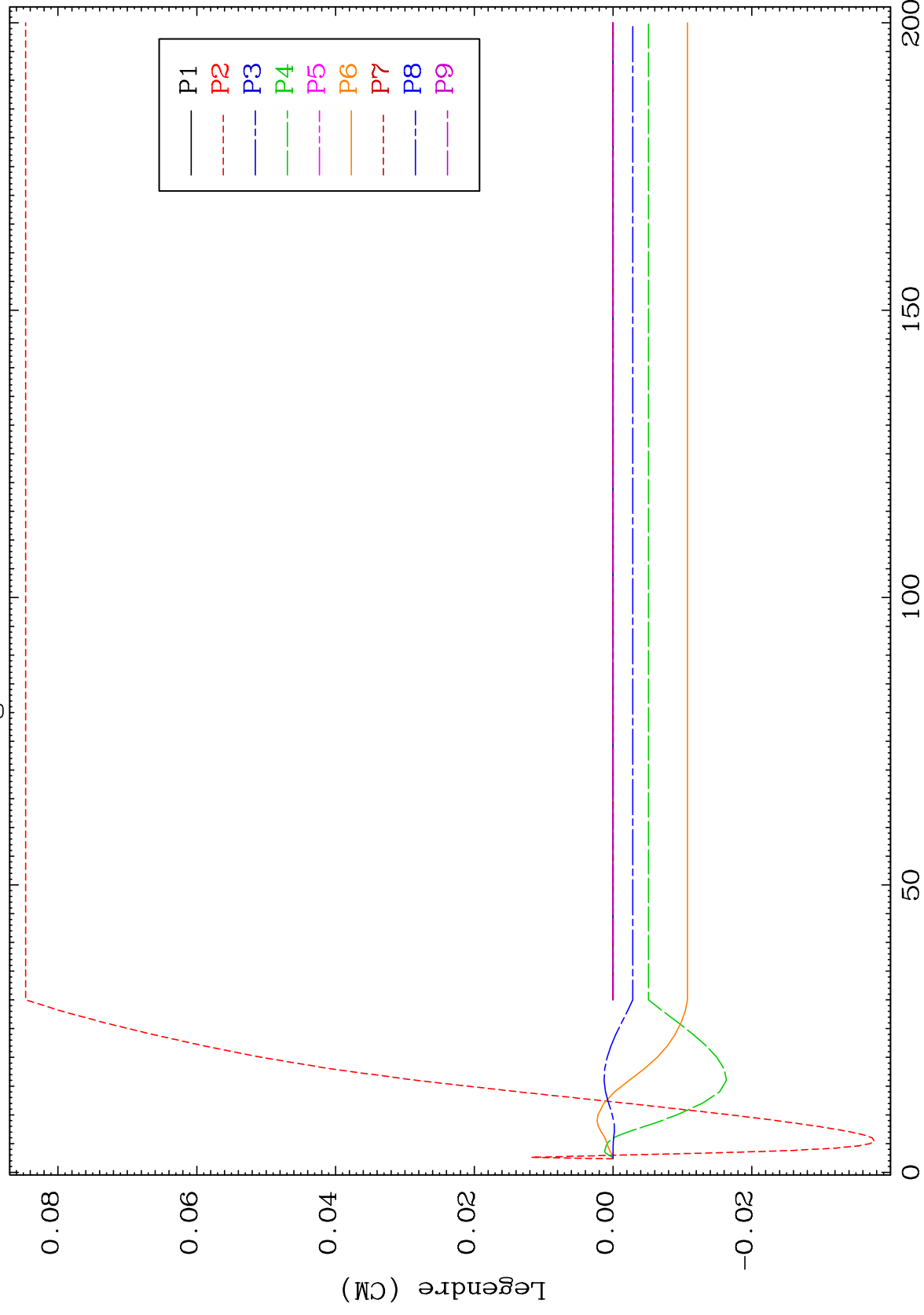




MAT 4437

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

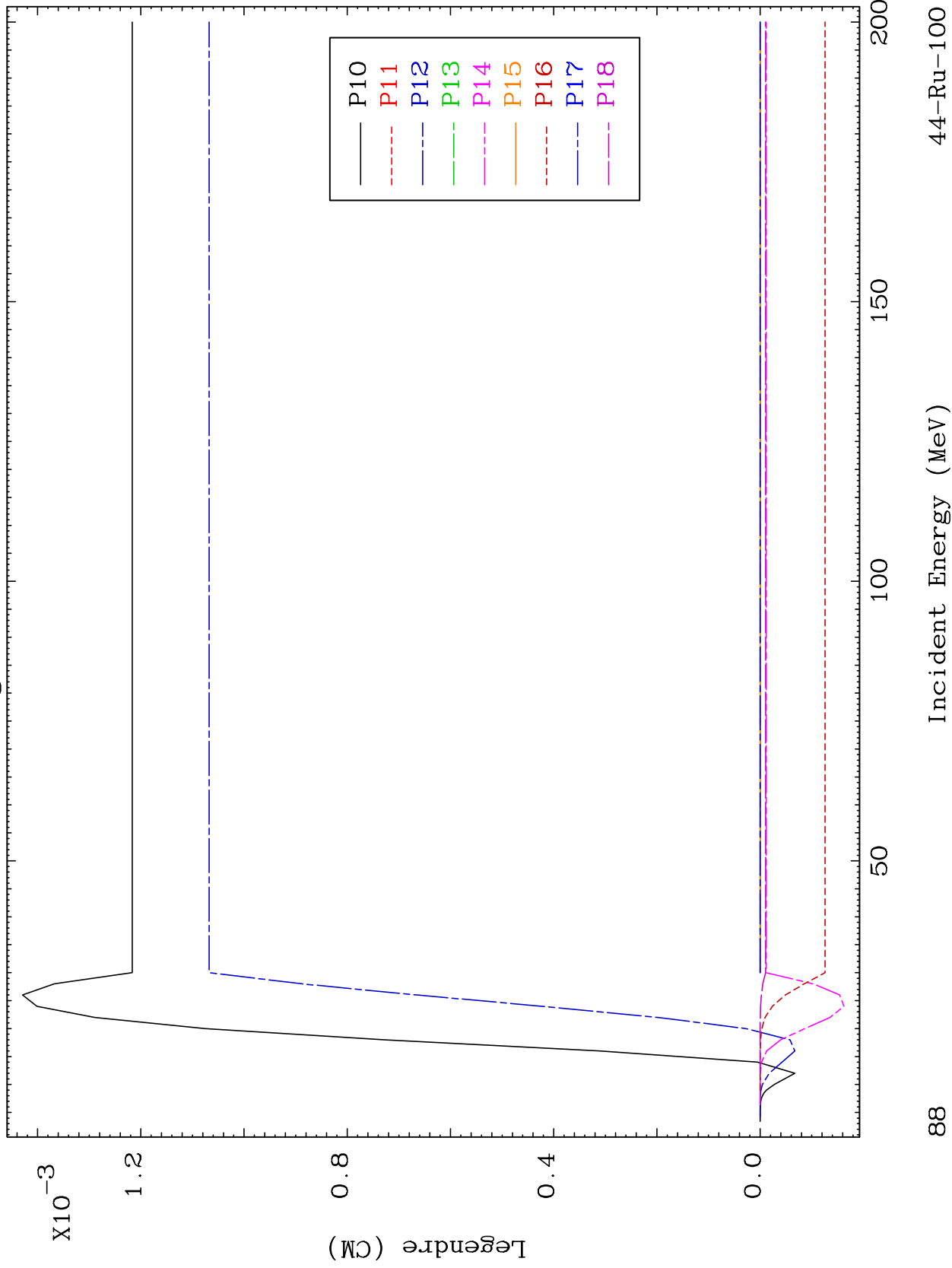
44-Ru-100

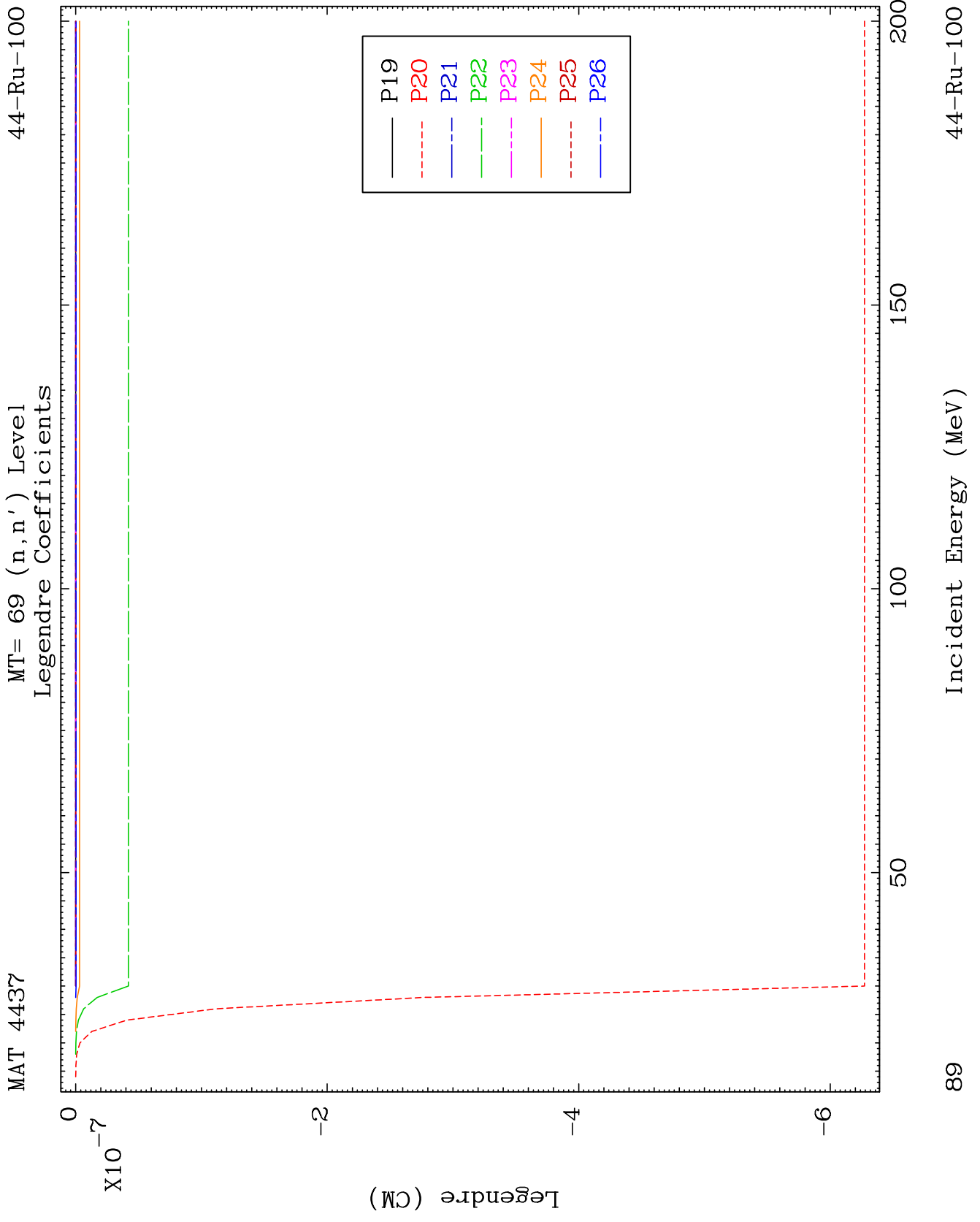


87

Incident Energy (MeV)

44-Ru-100

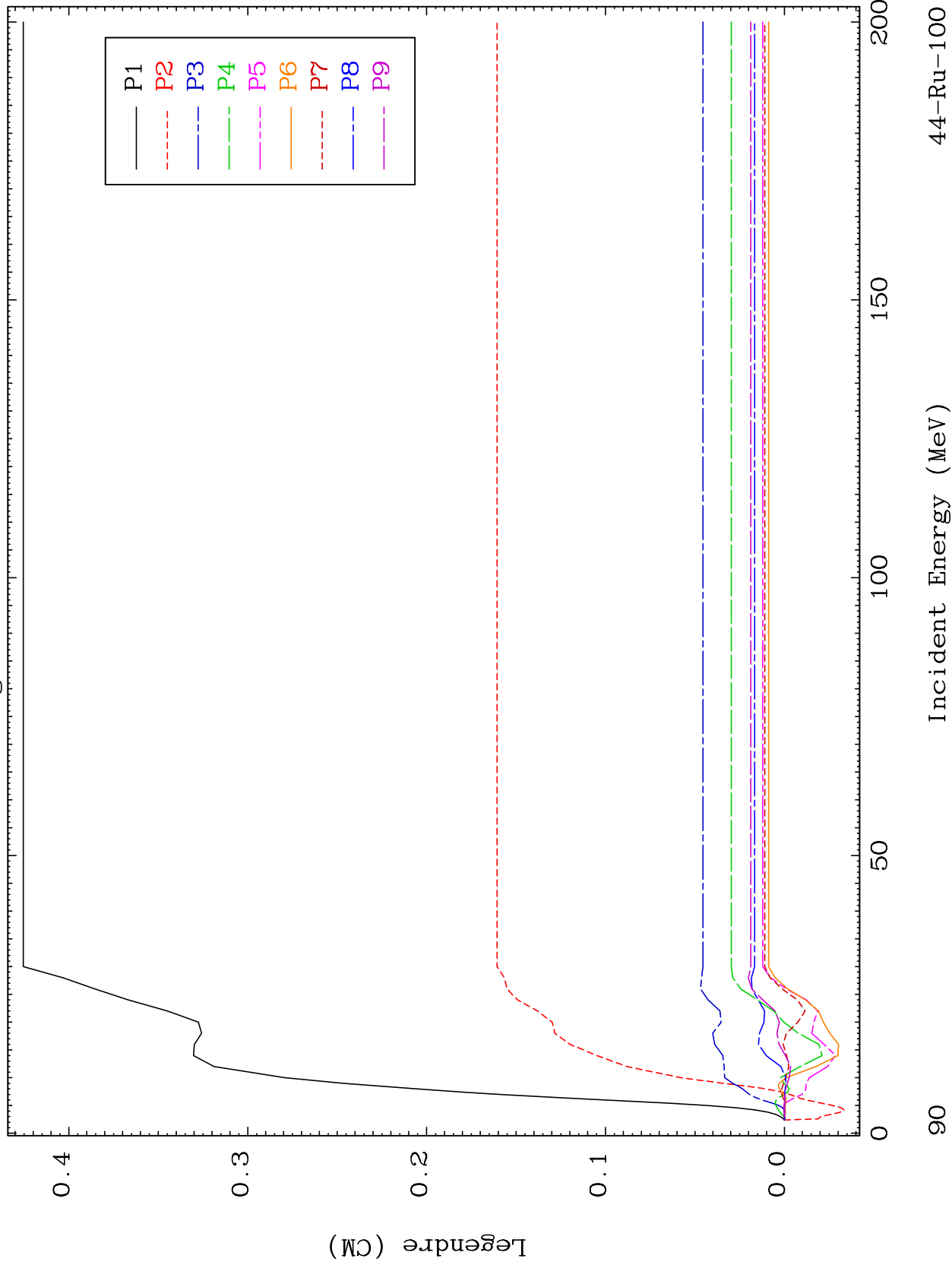




MAT 4437

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

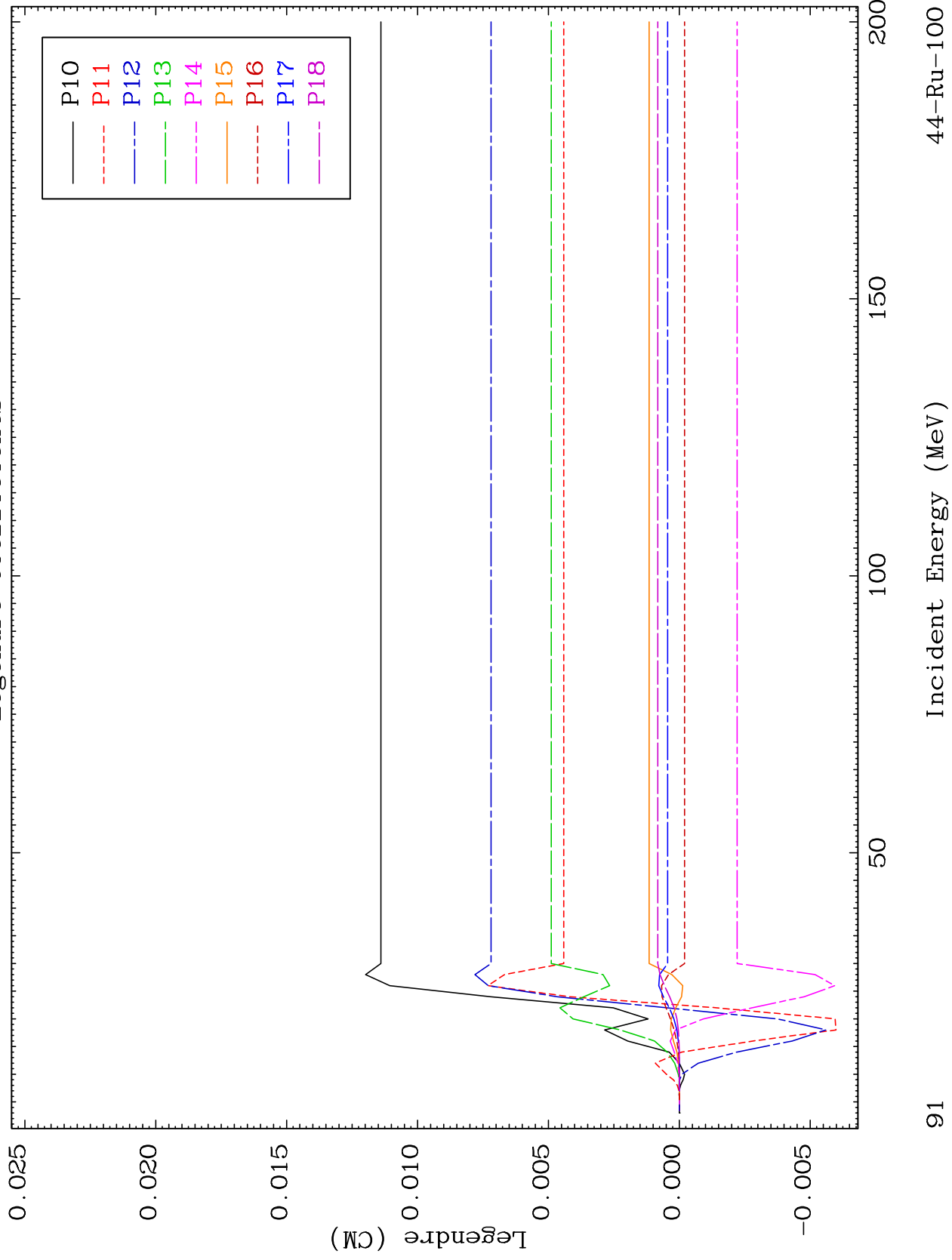
44-Ru-100



MAT 4437

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

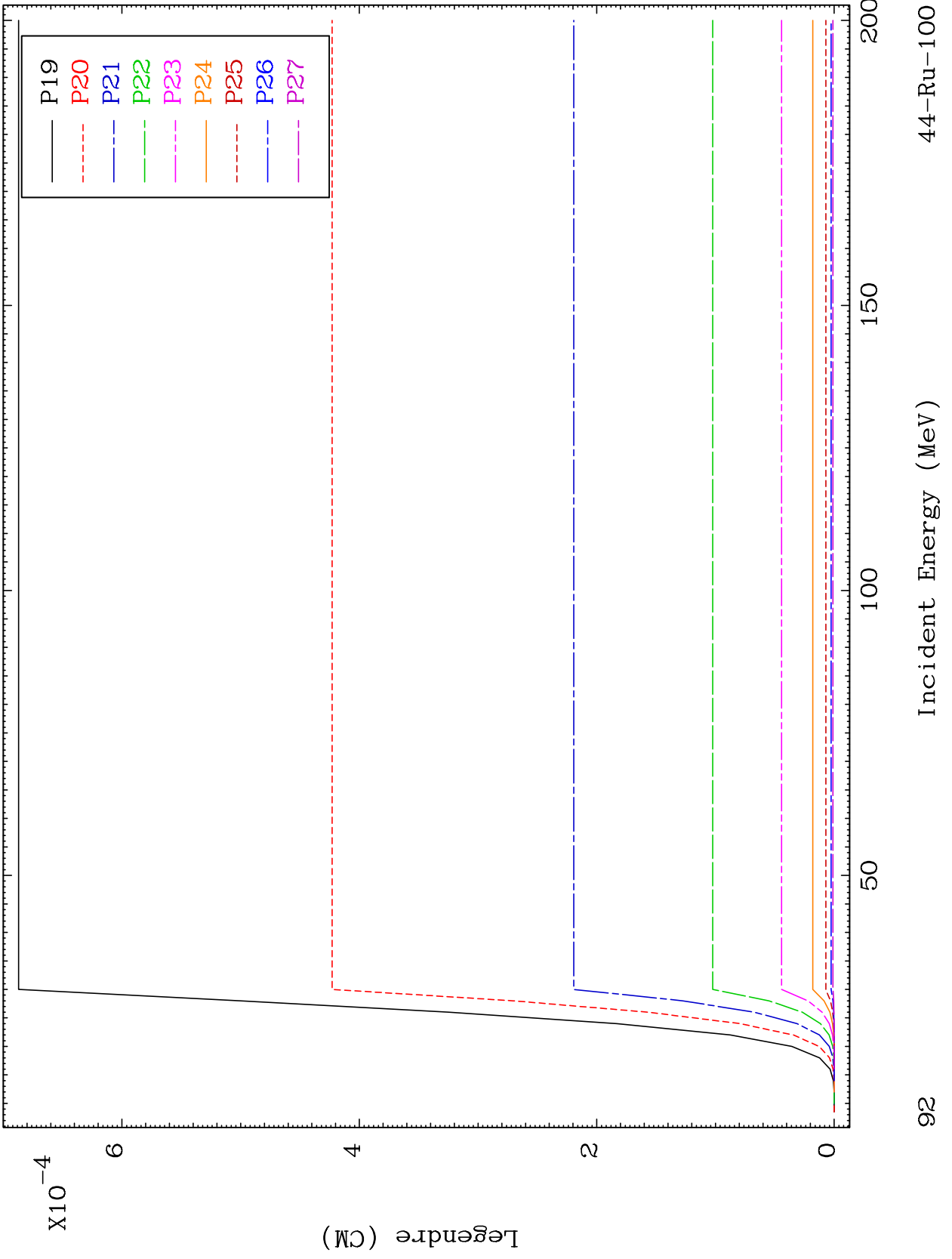
44-Ru-100



MAT 4437

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

44-Ru-100

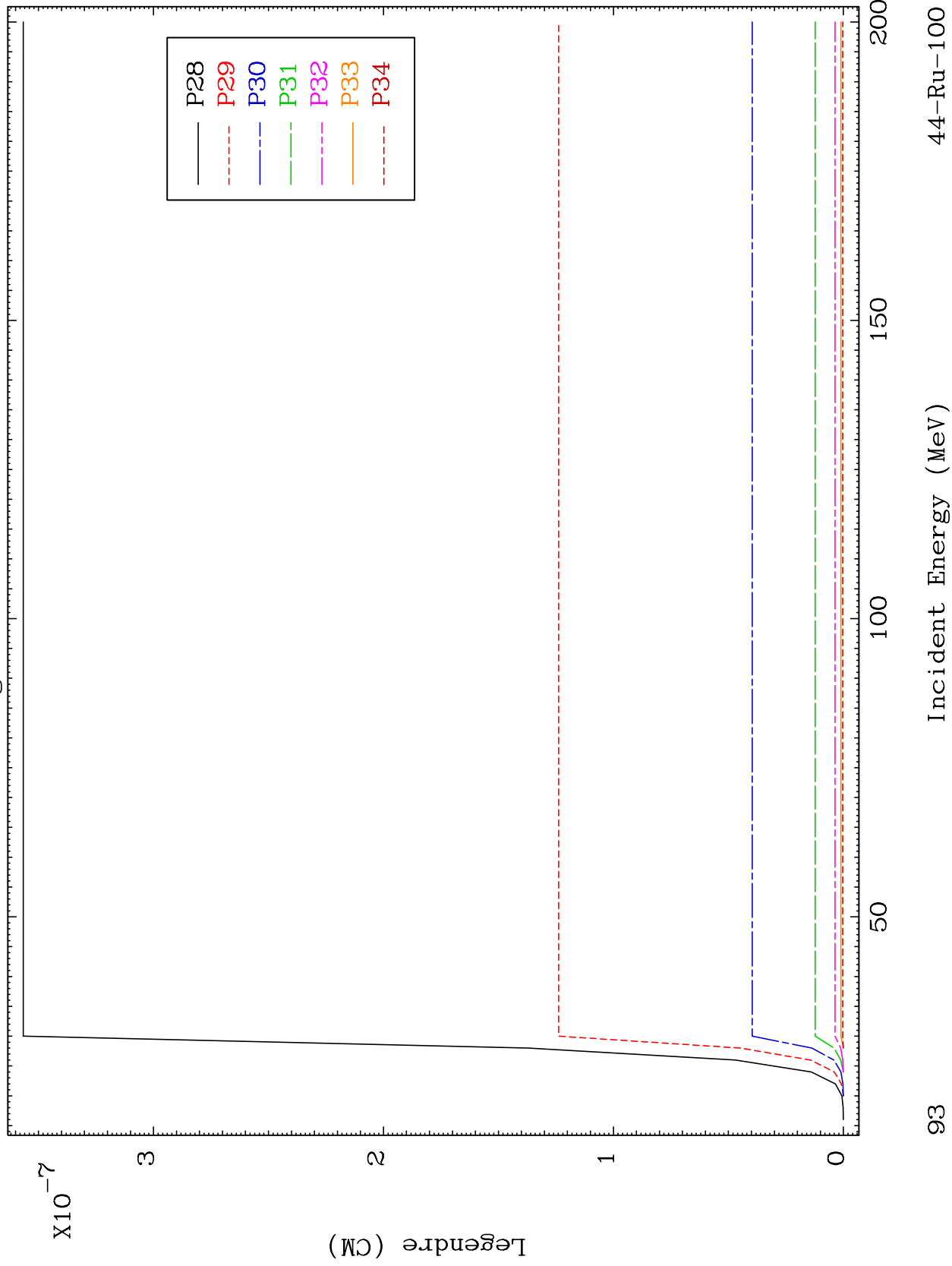


92

MAT 4437

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

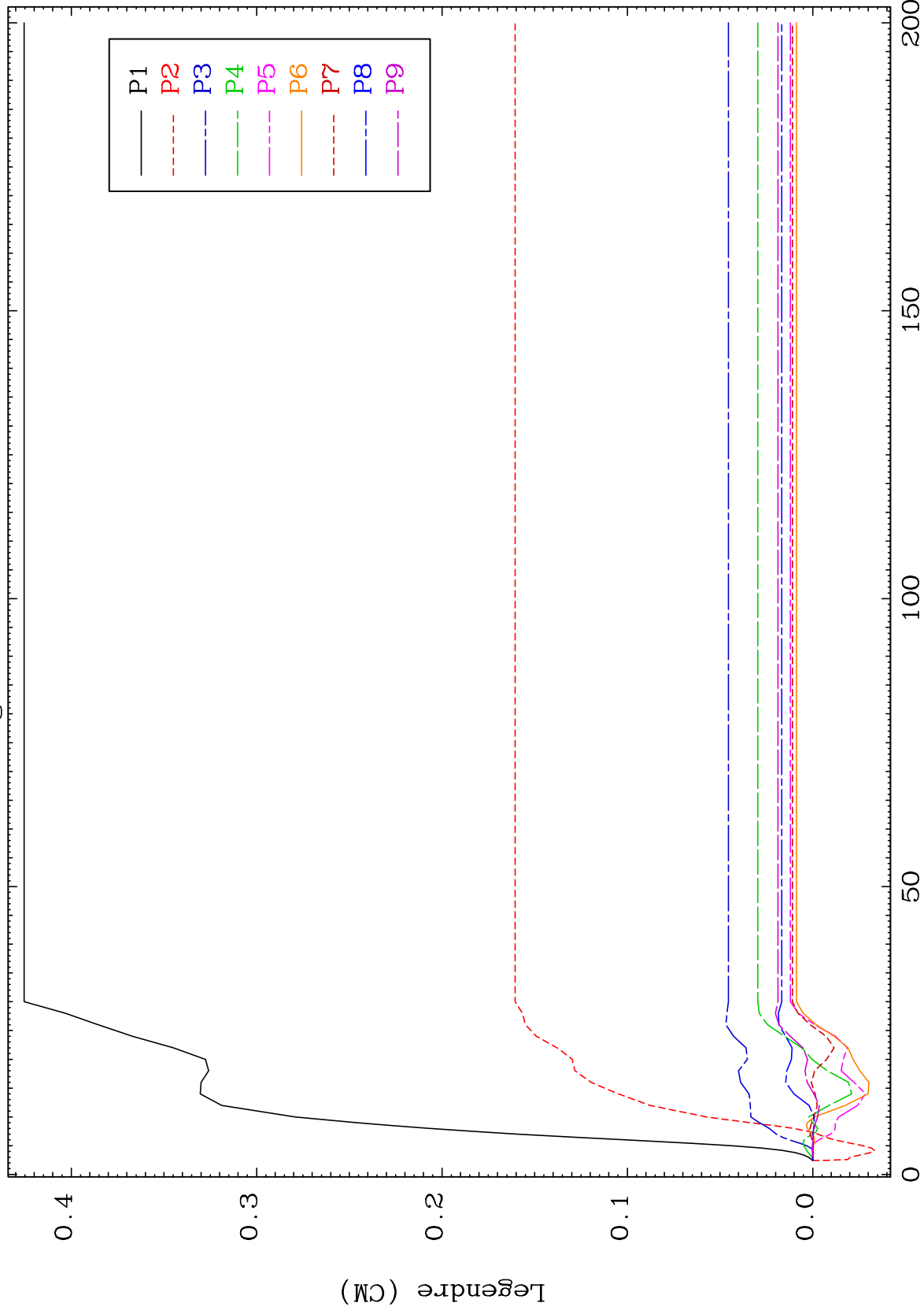
44-Ru-100



MAT 4437

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

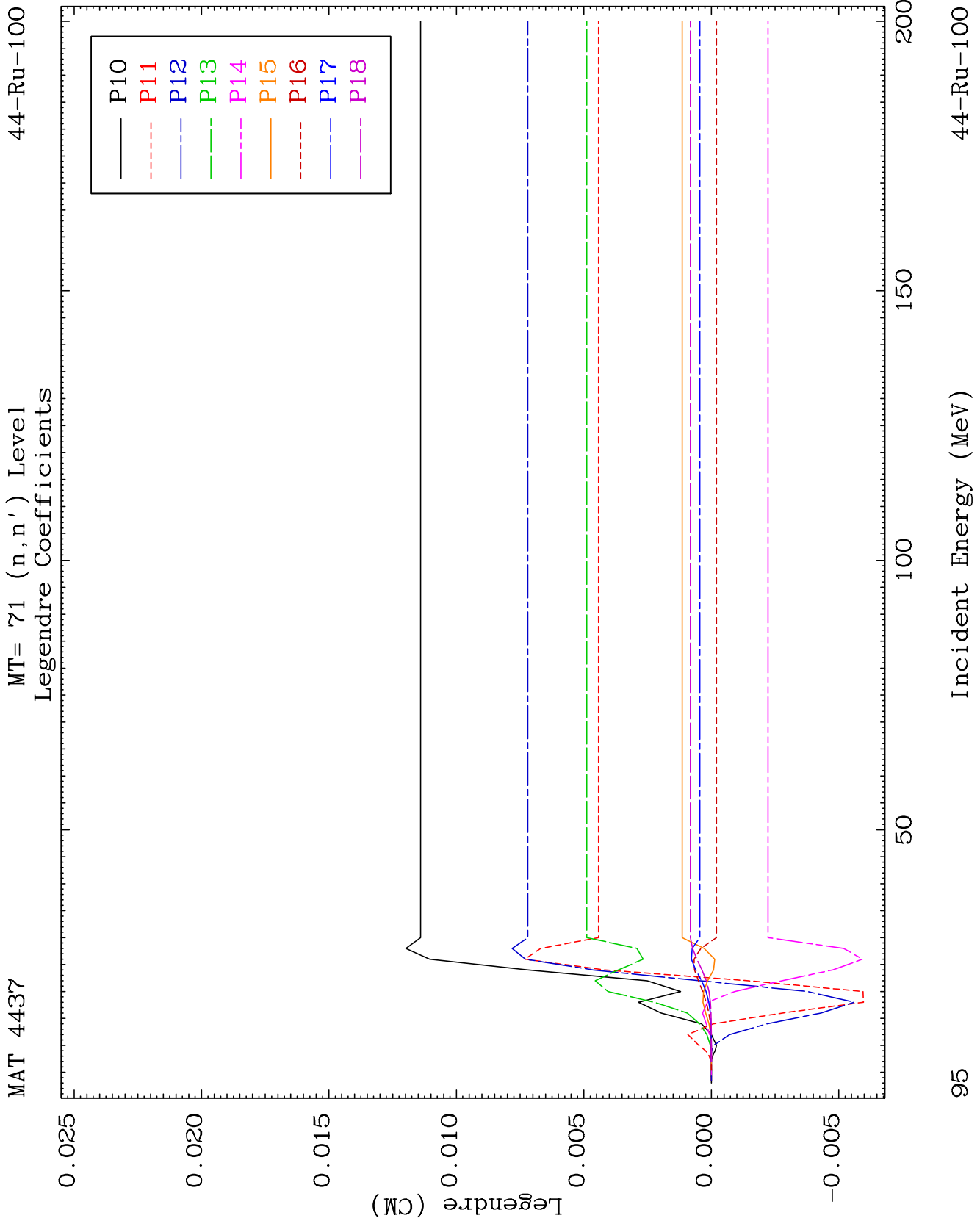
44-Ru-100



94

Incident Energy (MeV)

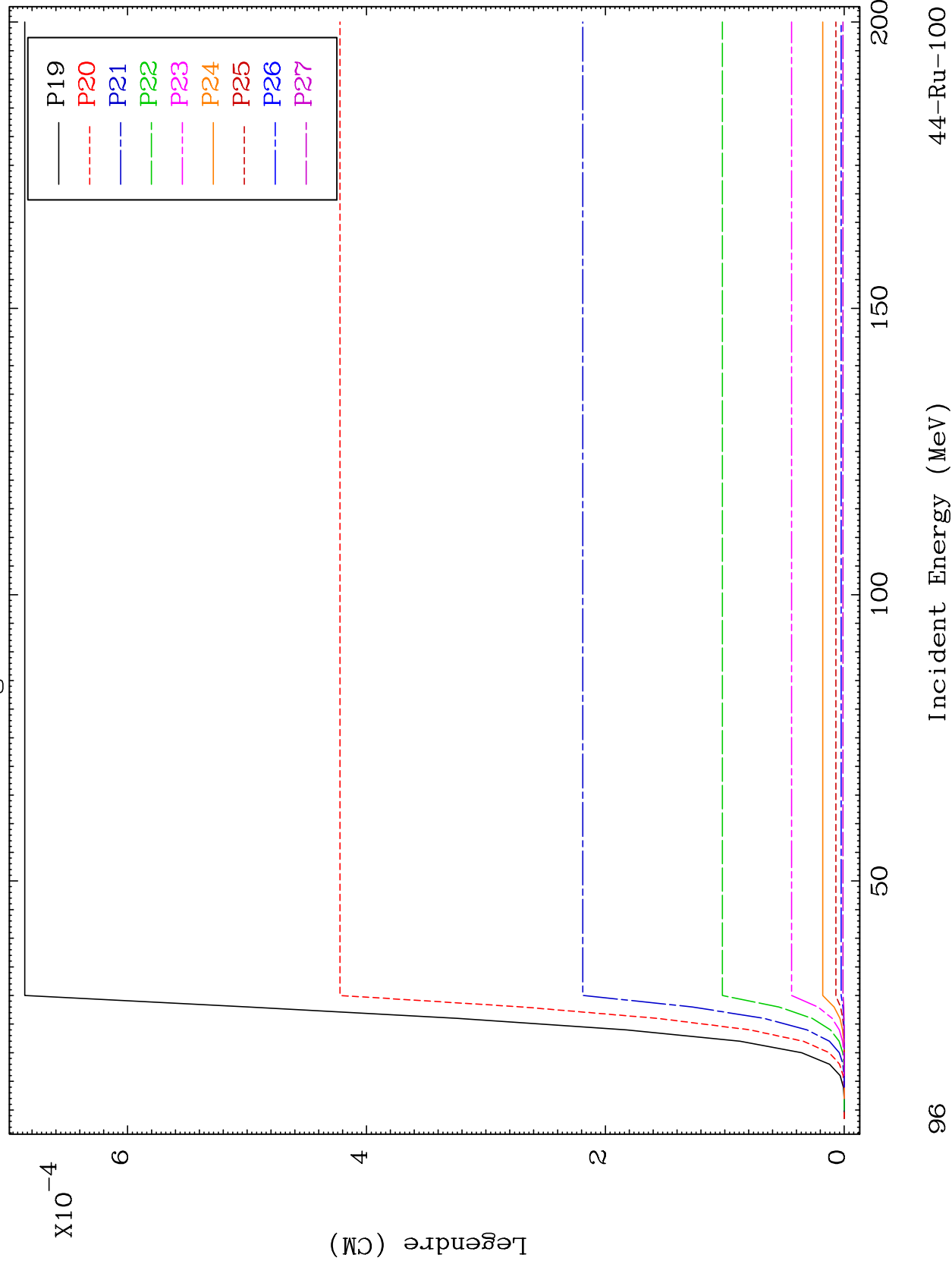
44-Ru-100



MAT 4437

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

44-Ru-100

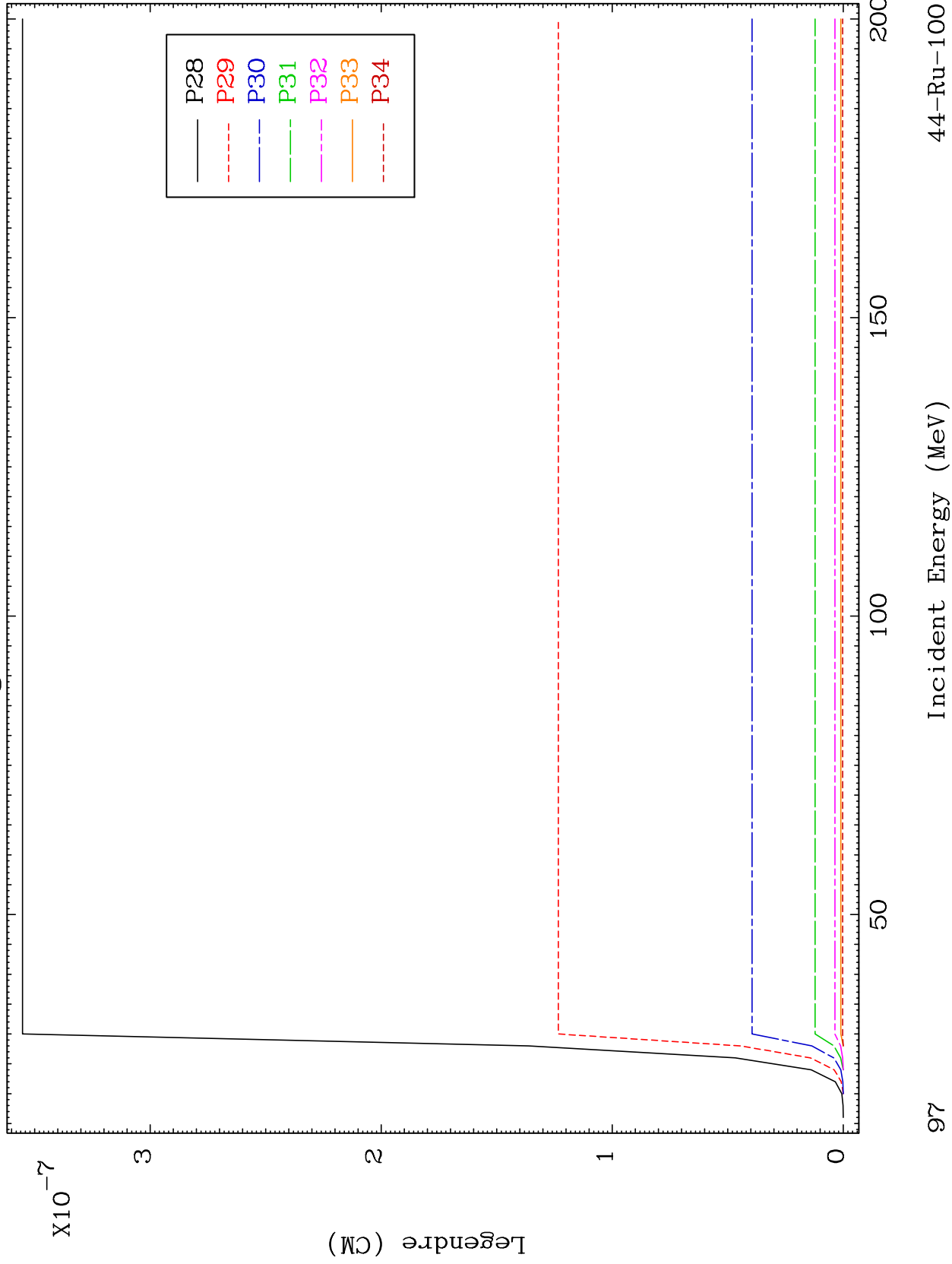


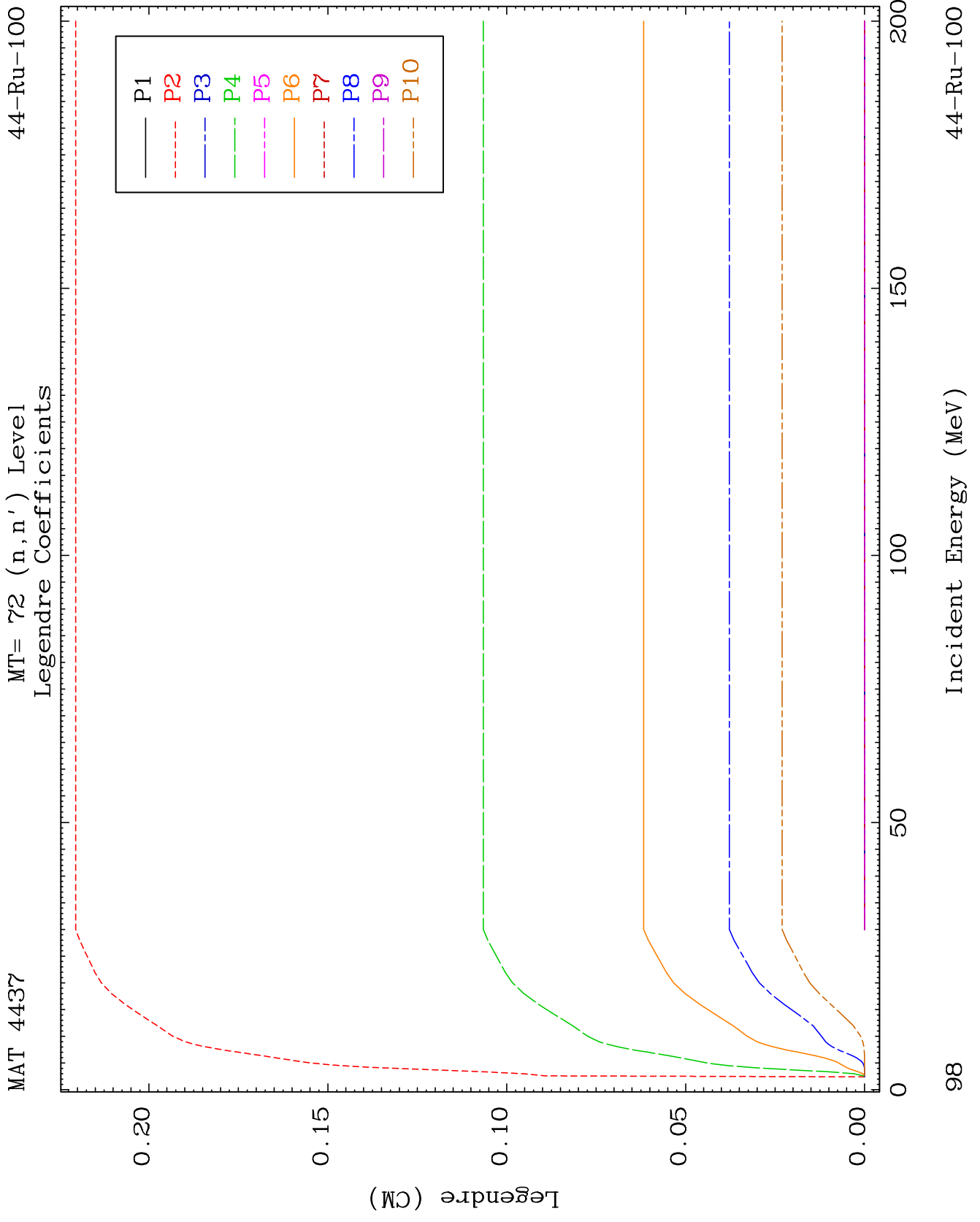
96

MAT 4437

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

44-Ru-100

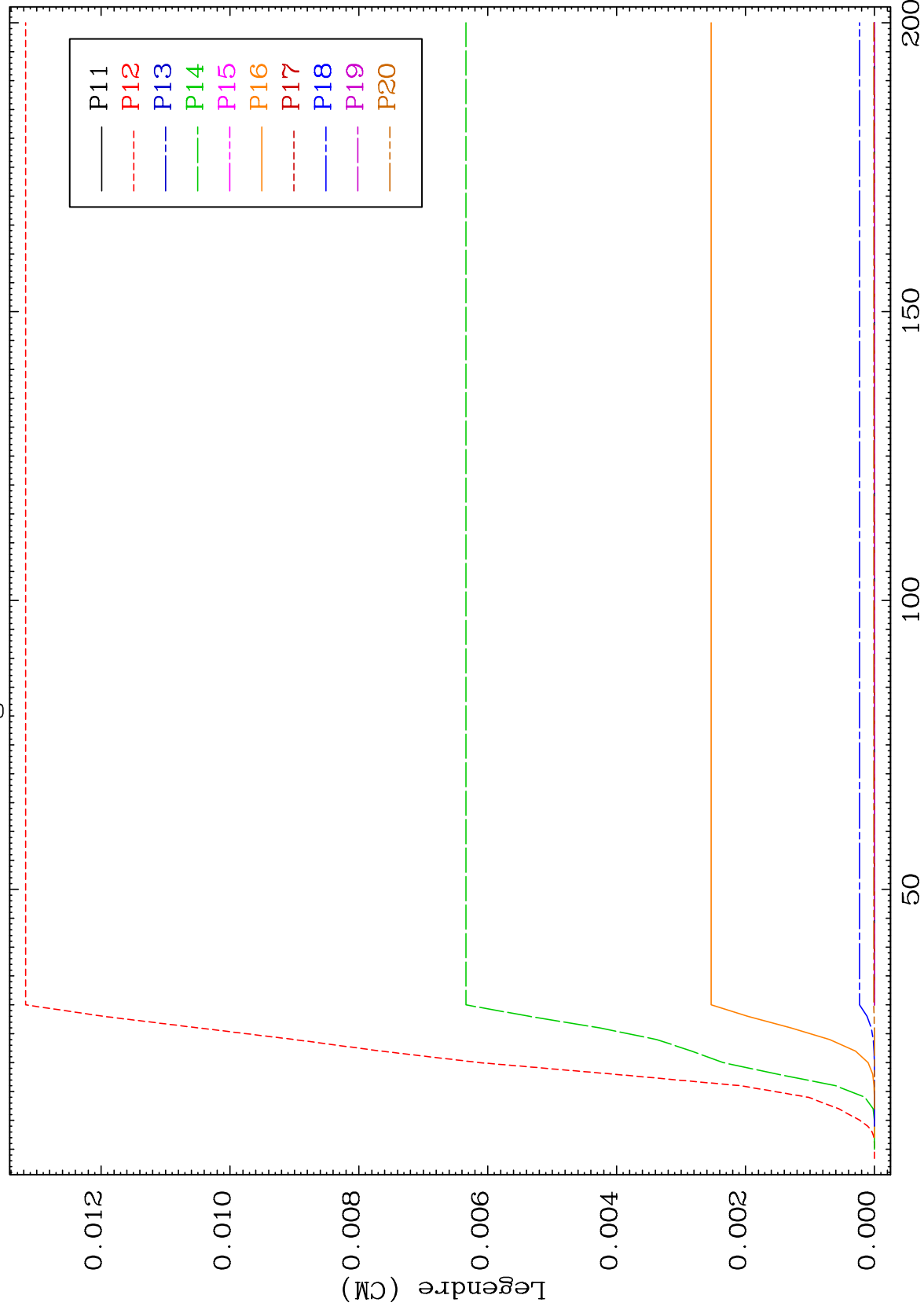




MAT 4437

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

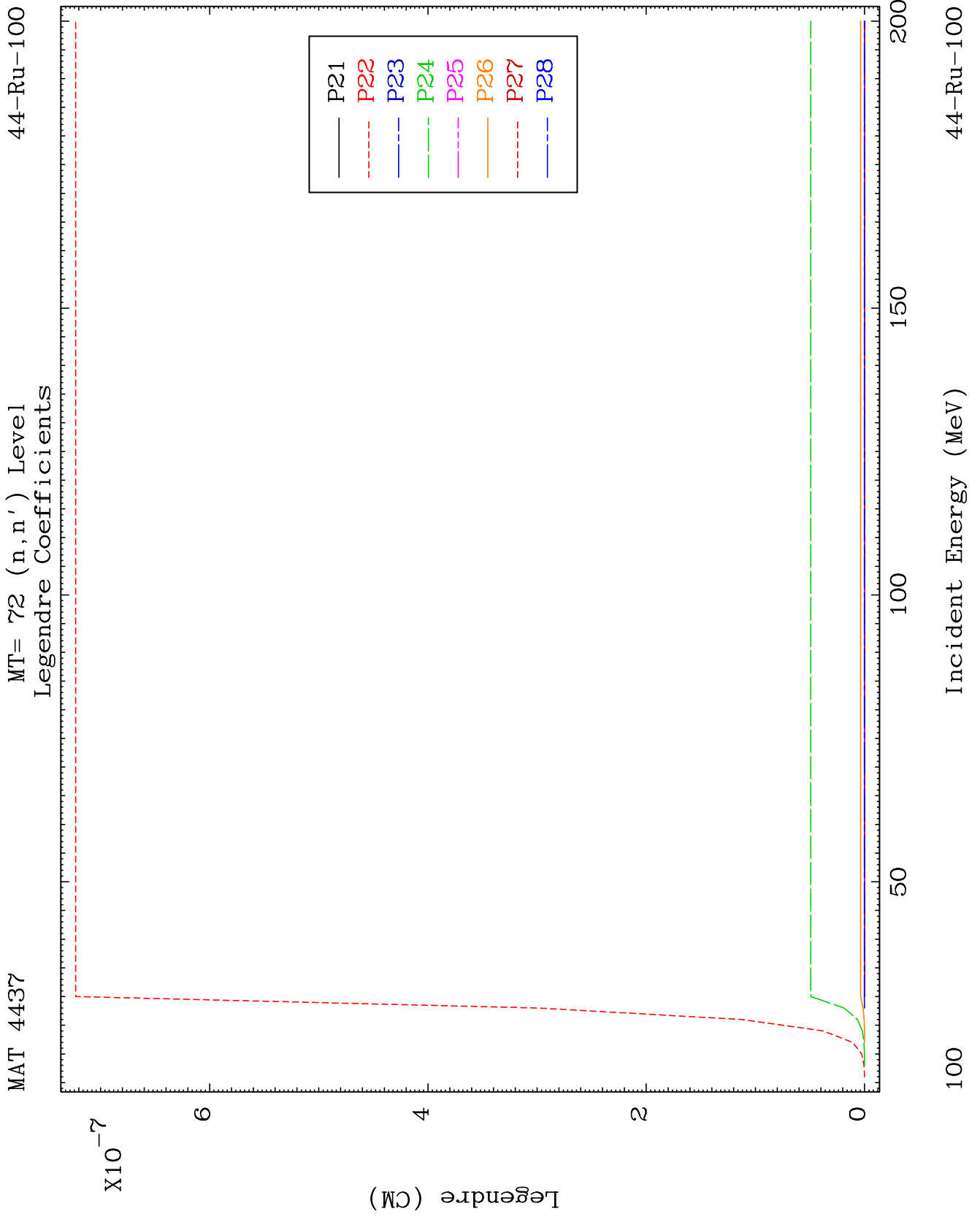
44-Ru-100



99

Incident Energy (MeV)

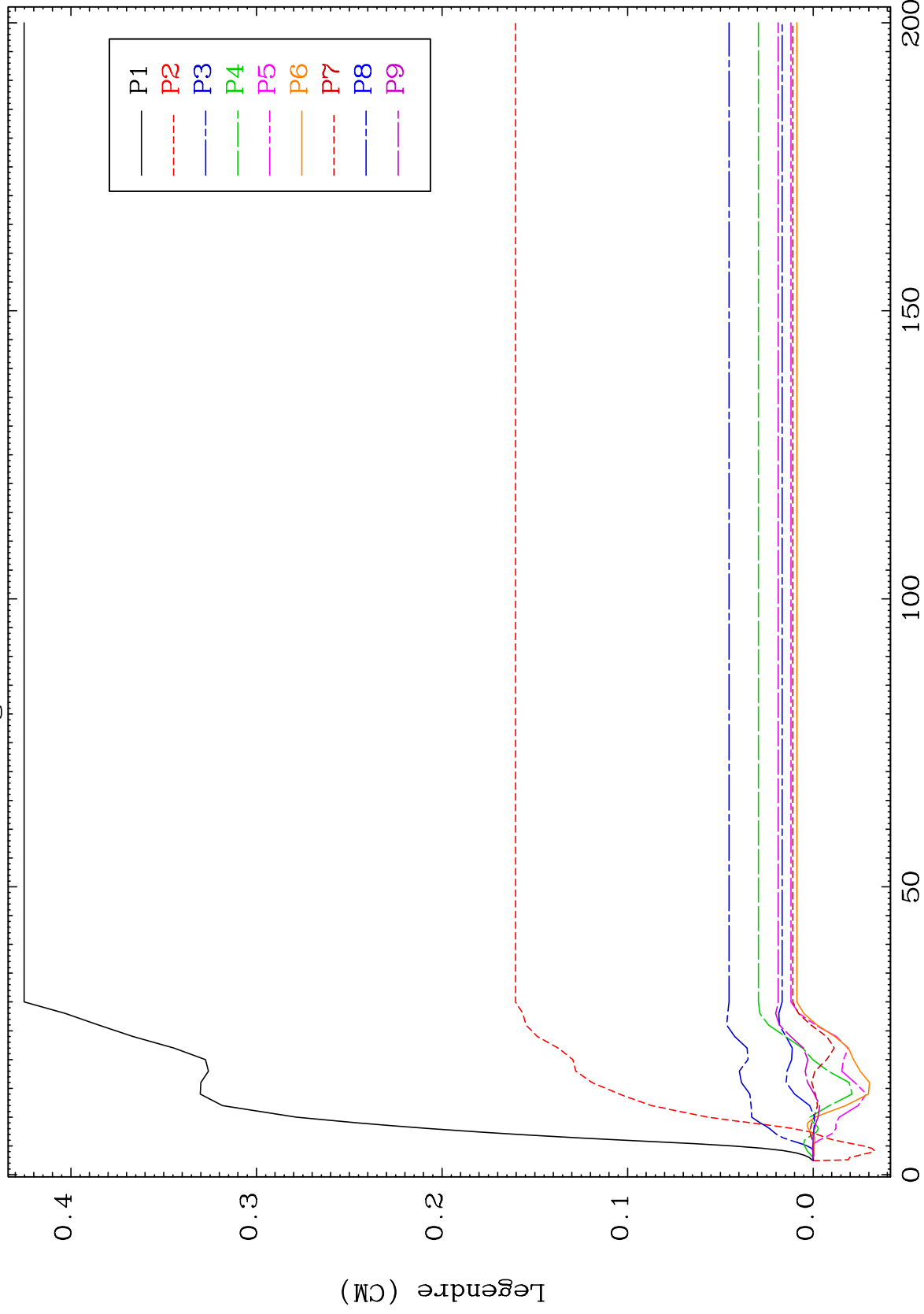
44-Ru-100



MAT 4437

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

44-Ru-100



101

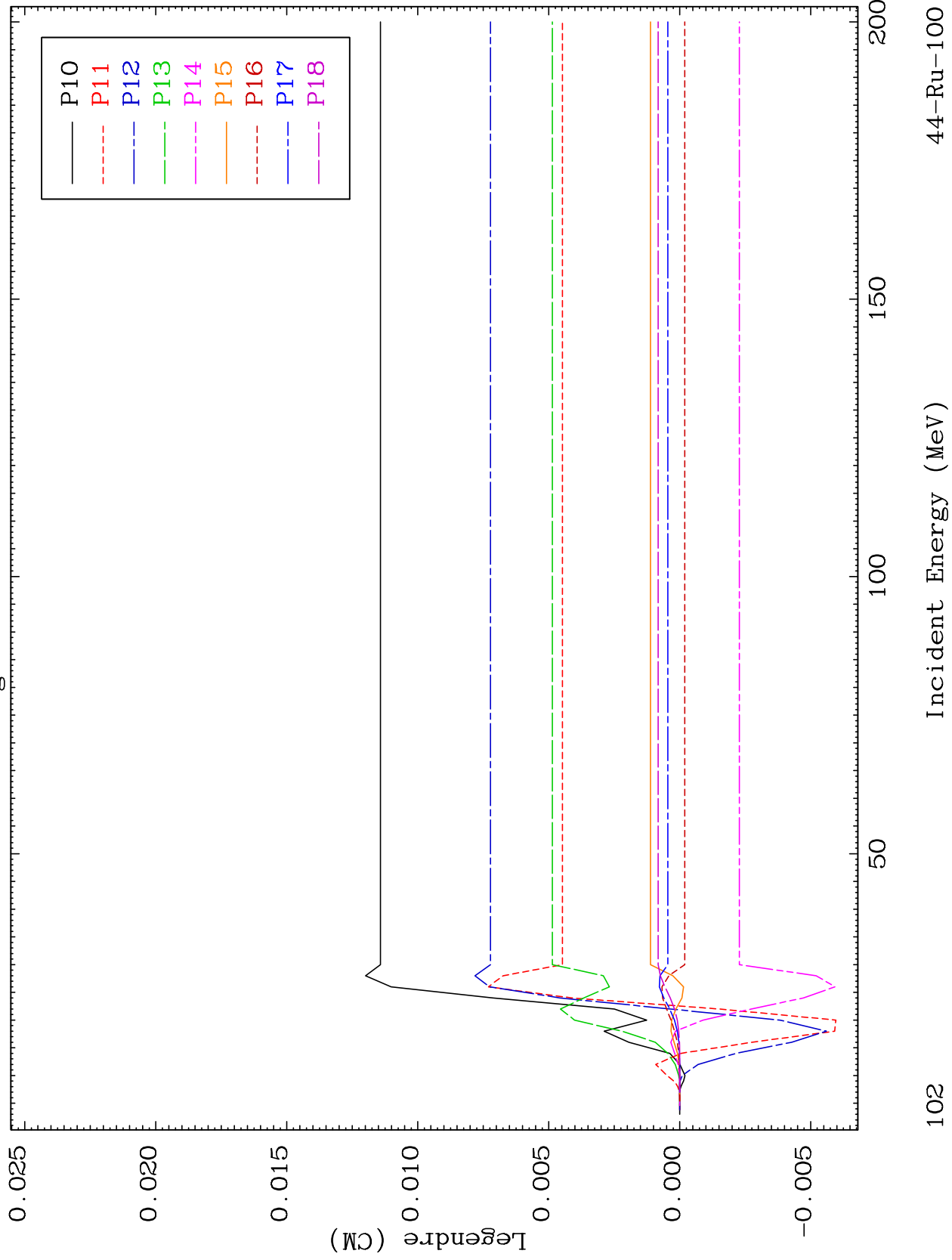
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100

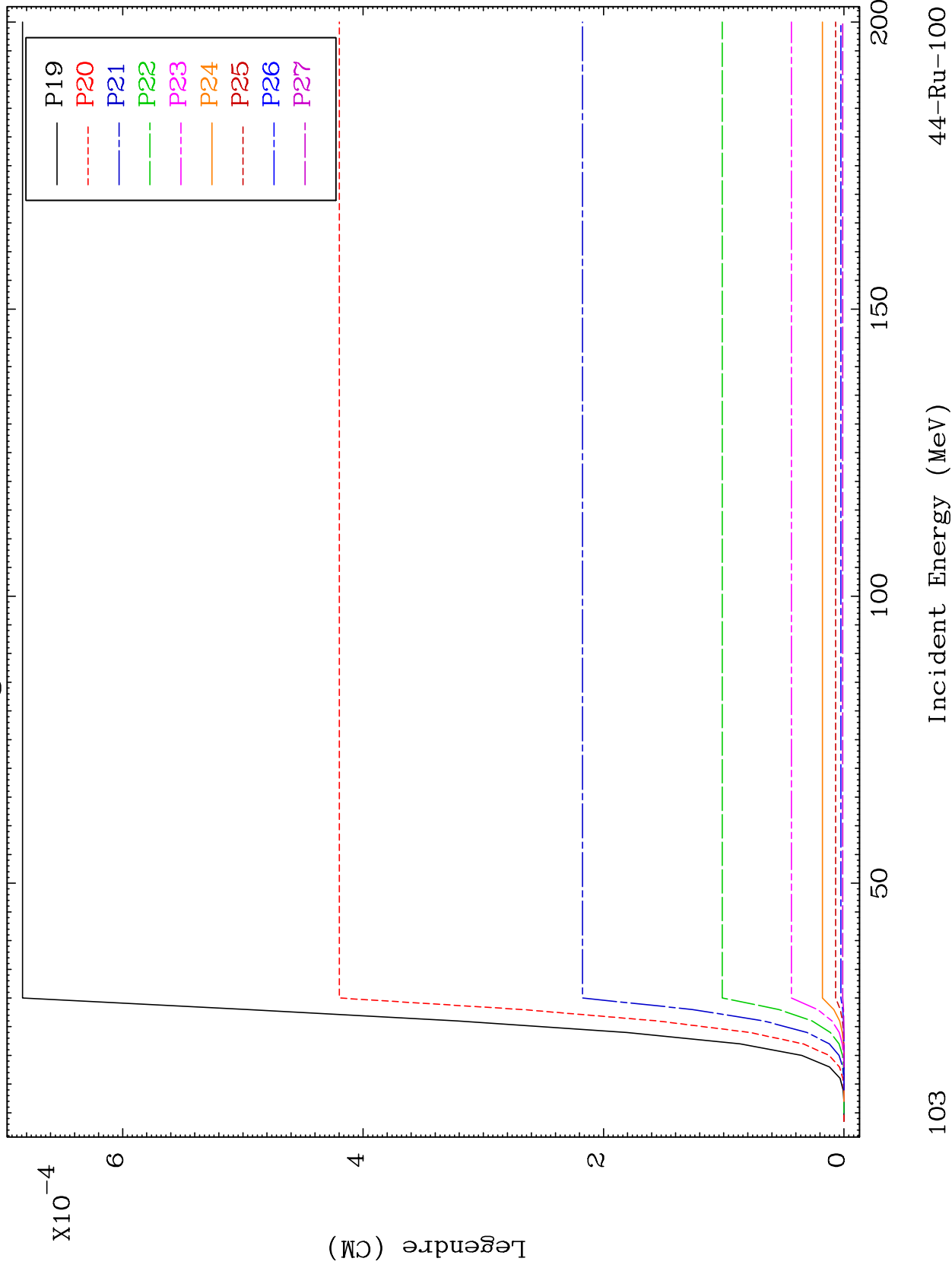


102

MAT 4437

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

44-Ru-100



103

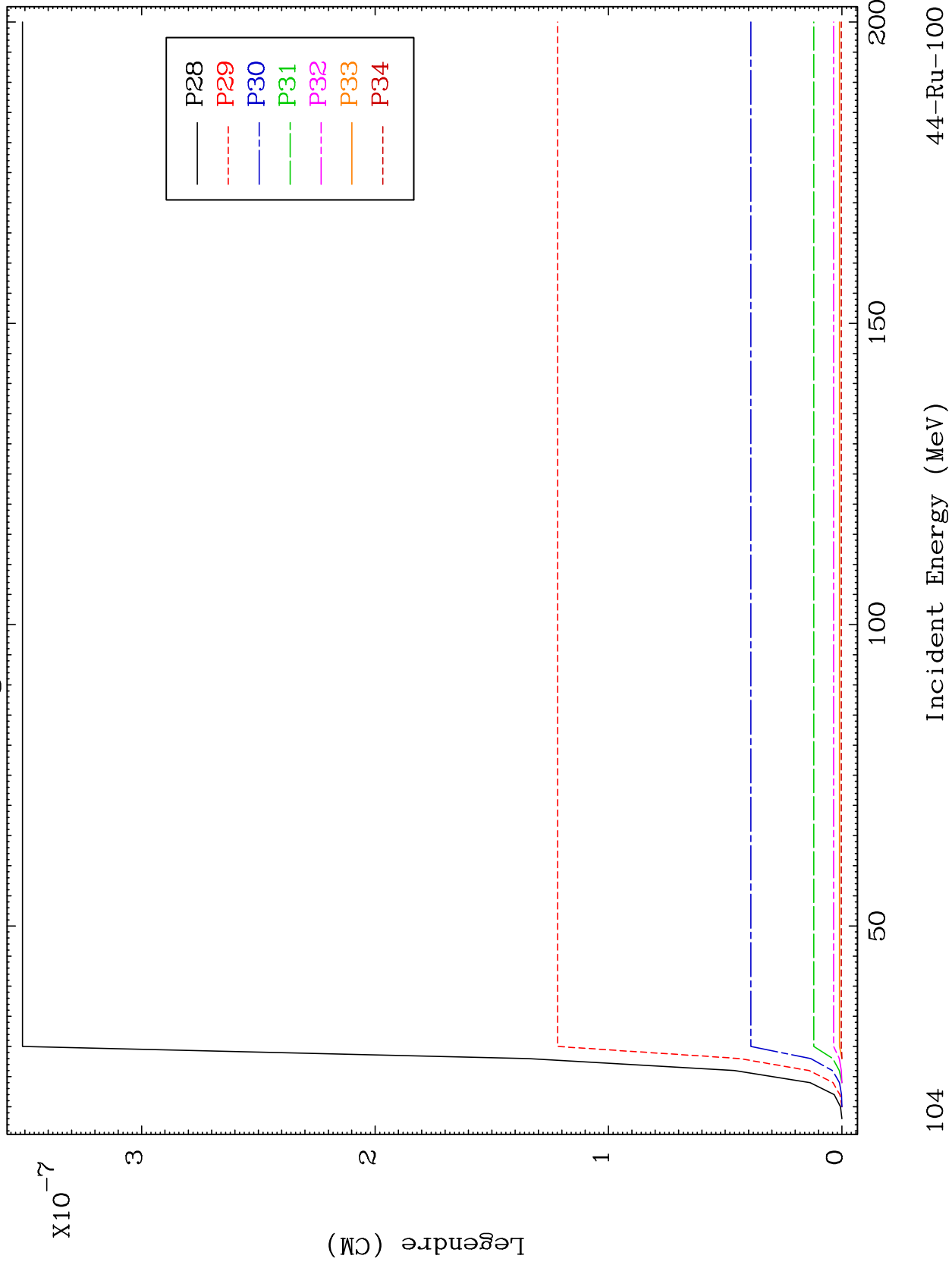
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

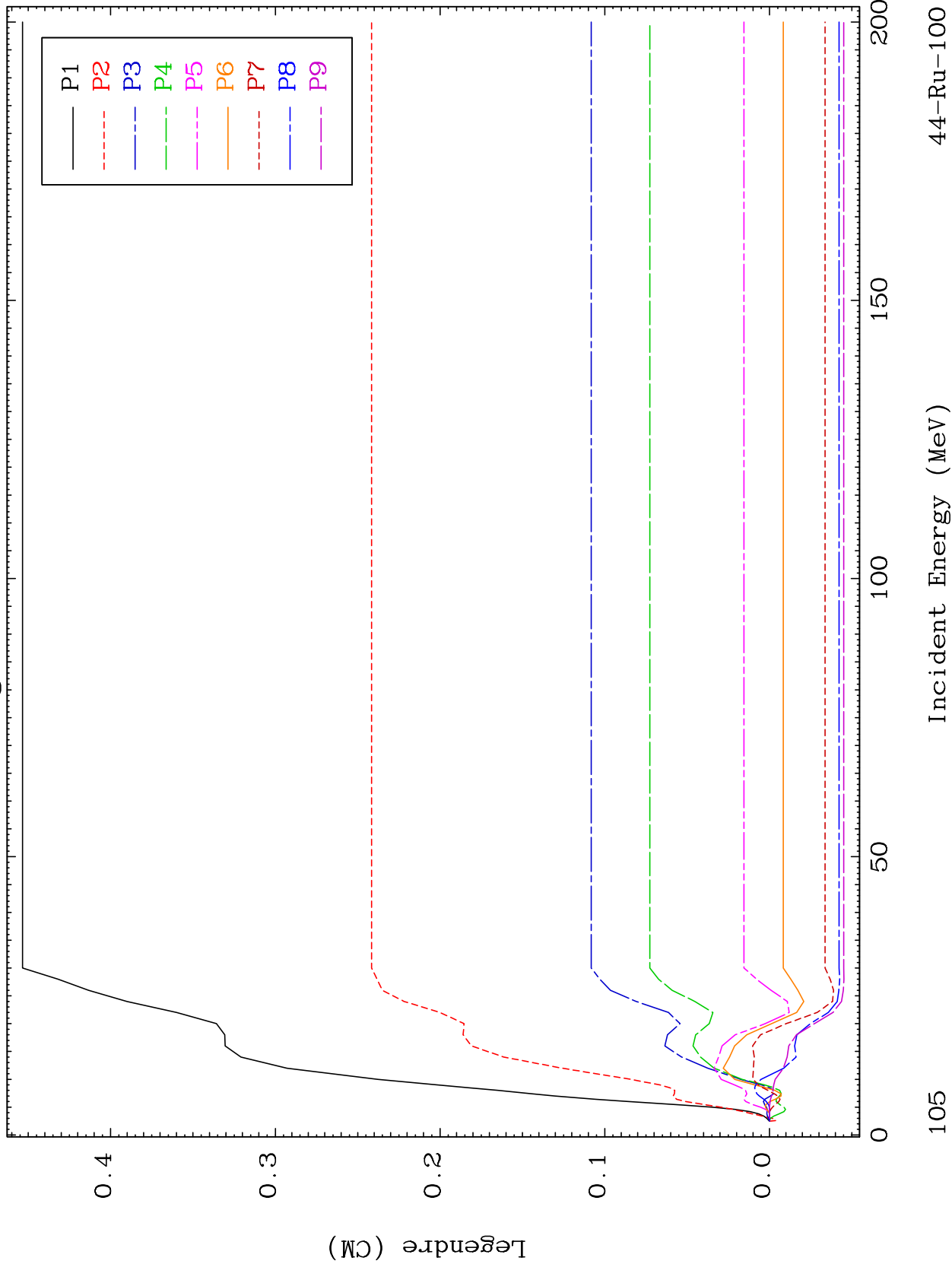
44-Ru-100



MAT 4437

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

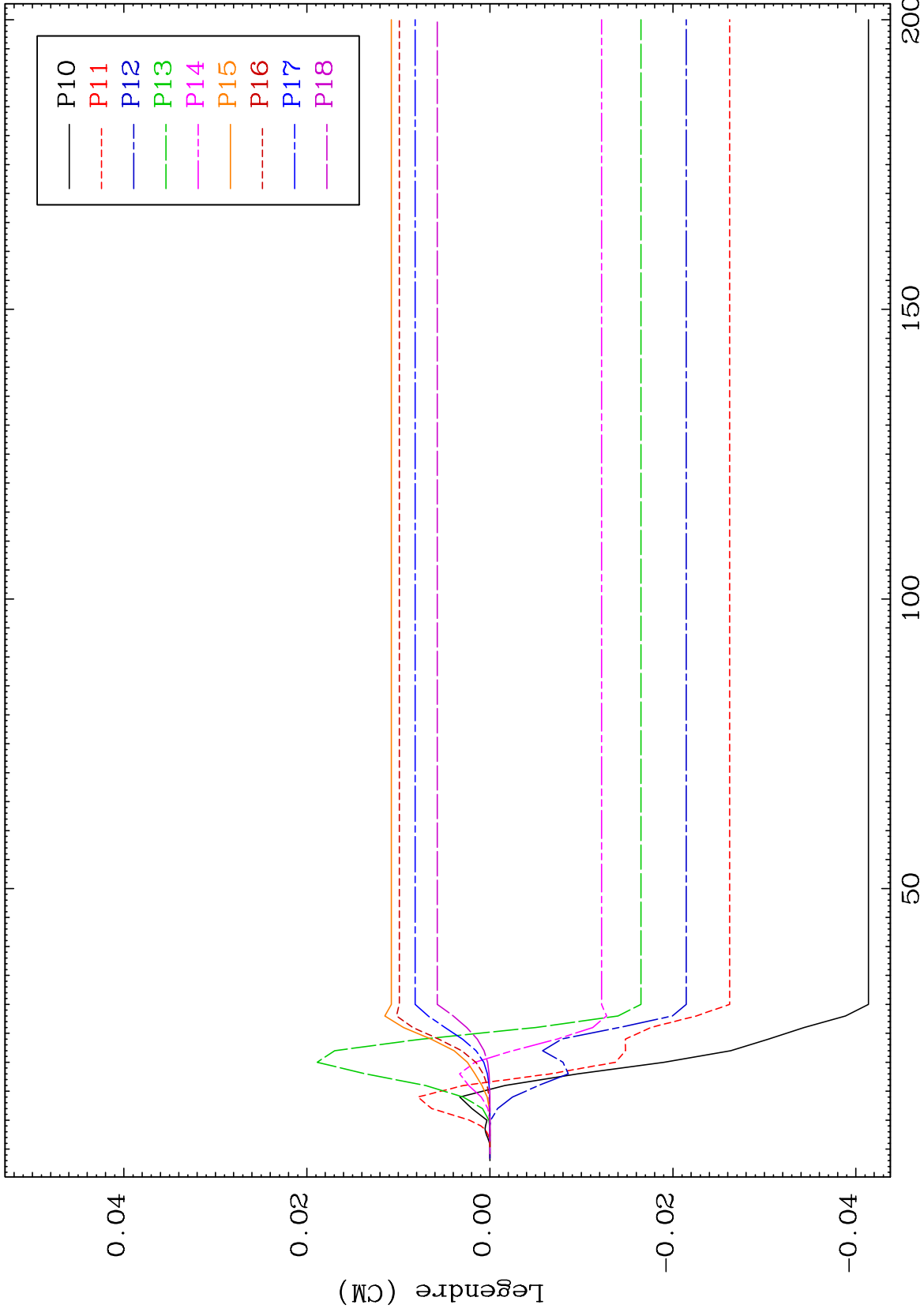
44-Ru-100



MAT 4437

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

44-Ru-100



106

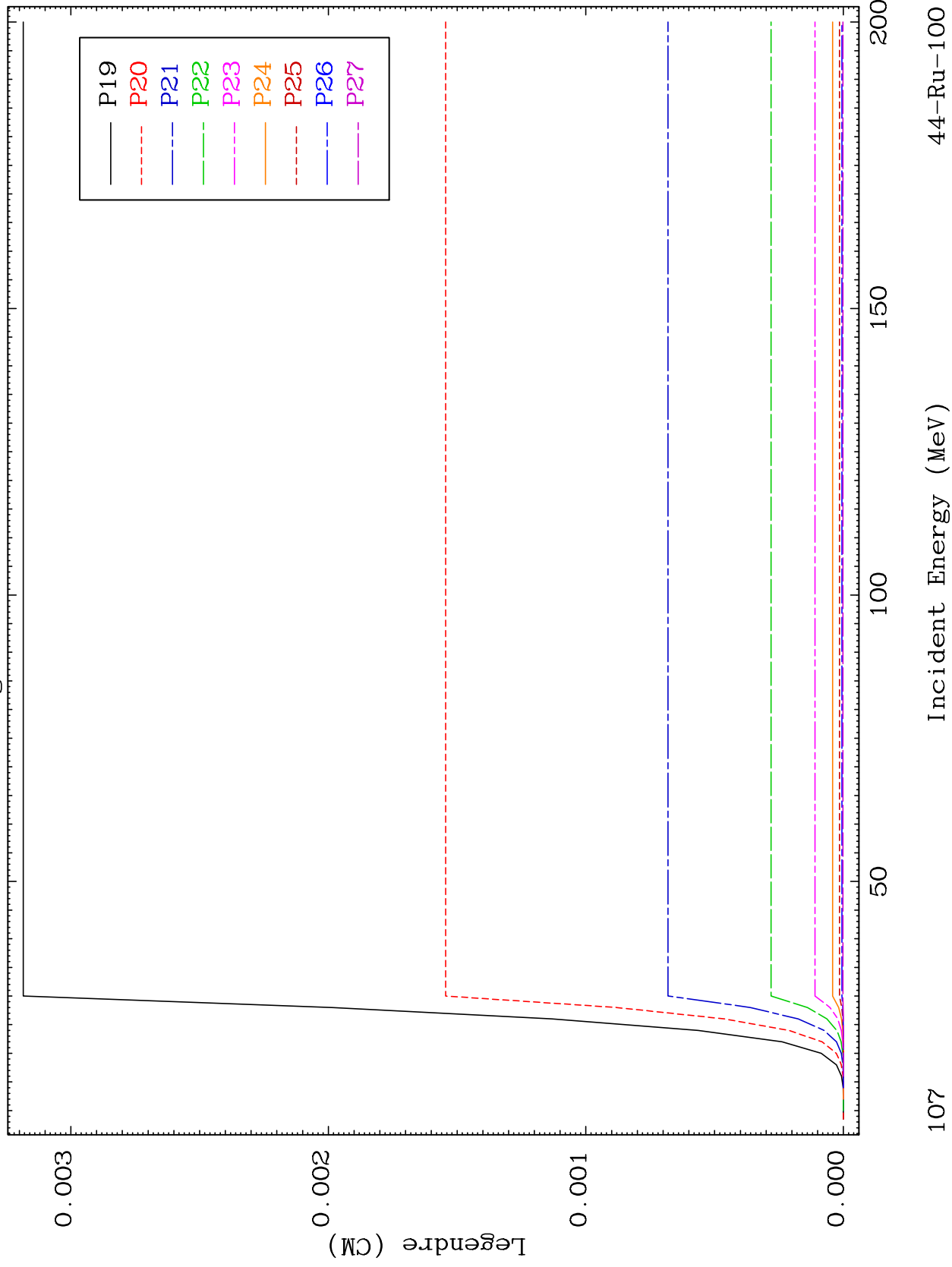
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



107

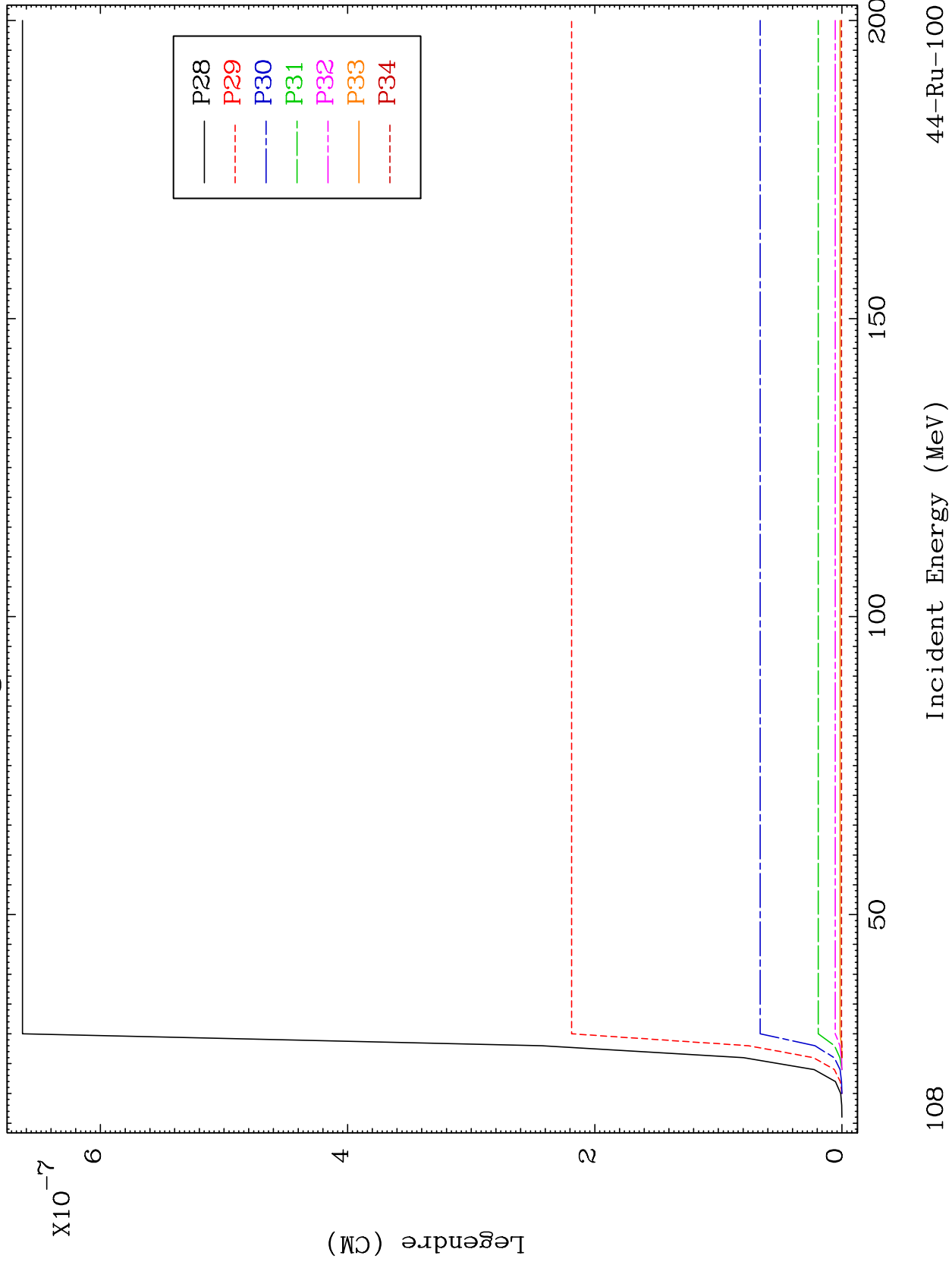
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

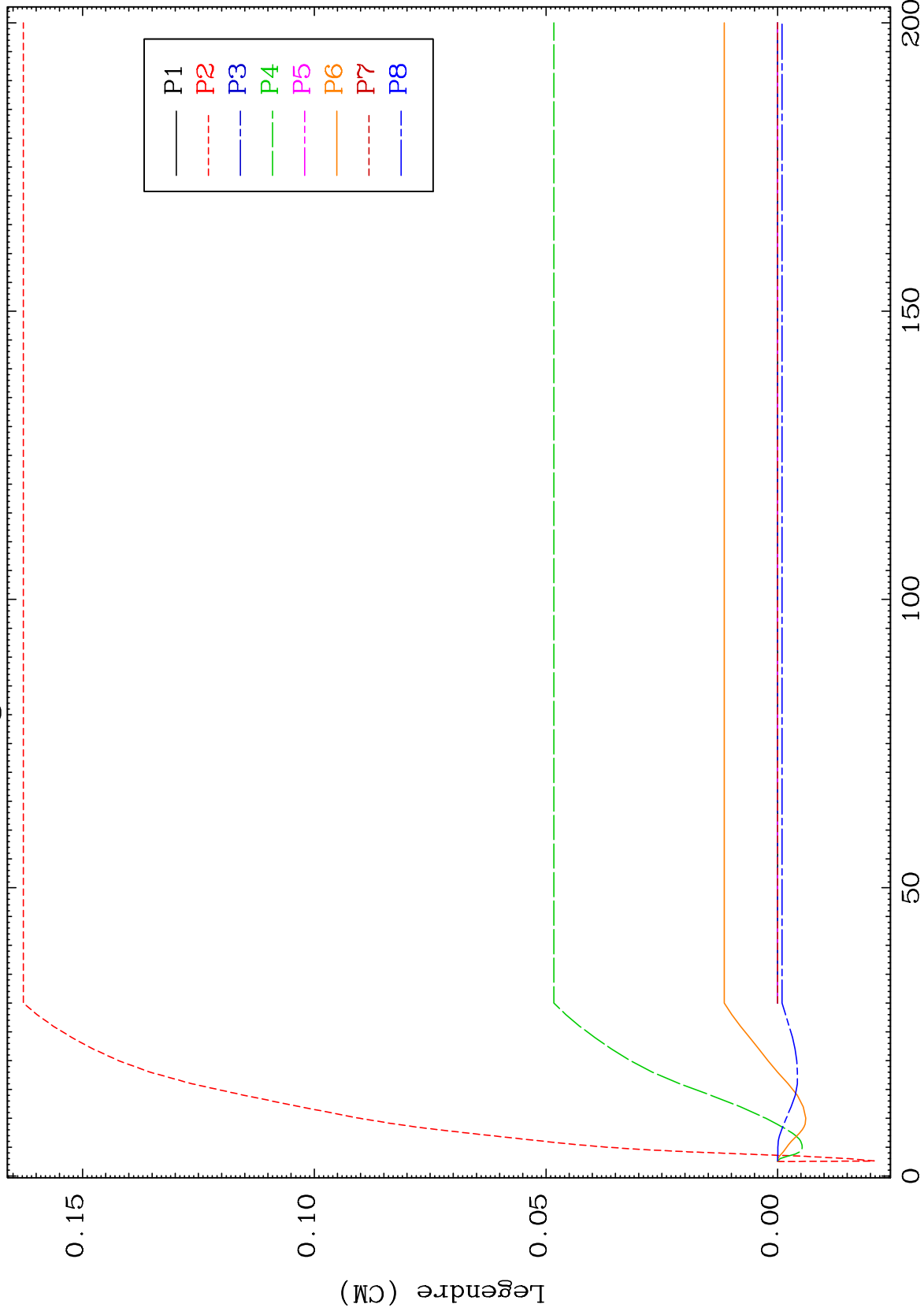
44-Ru-100



MAT 4437

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

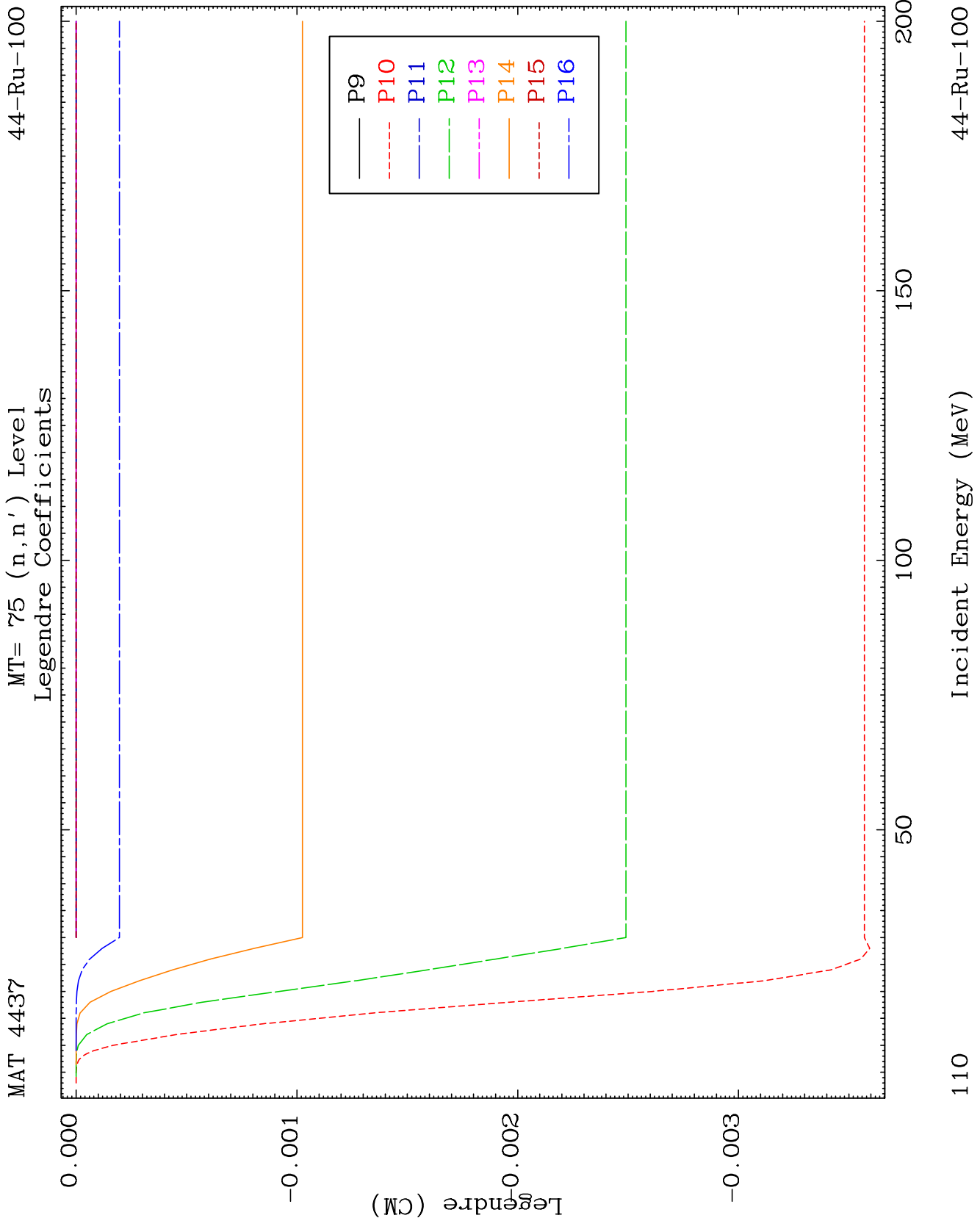
44-Ru-100

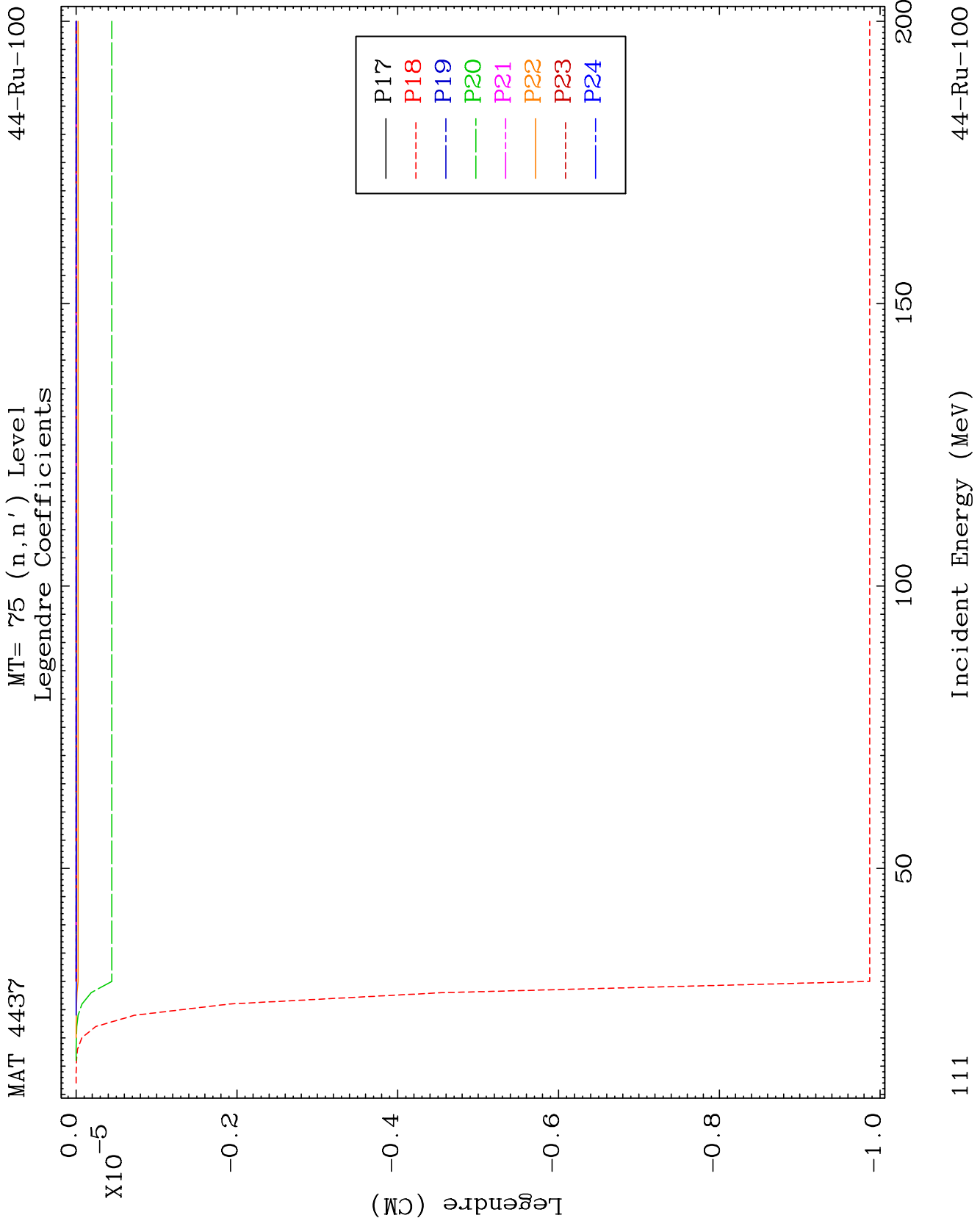


109

Incident Energy (MeV)

44-Ru-100

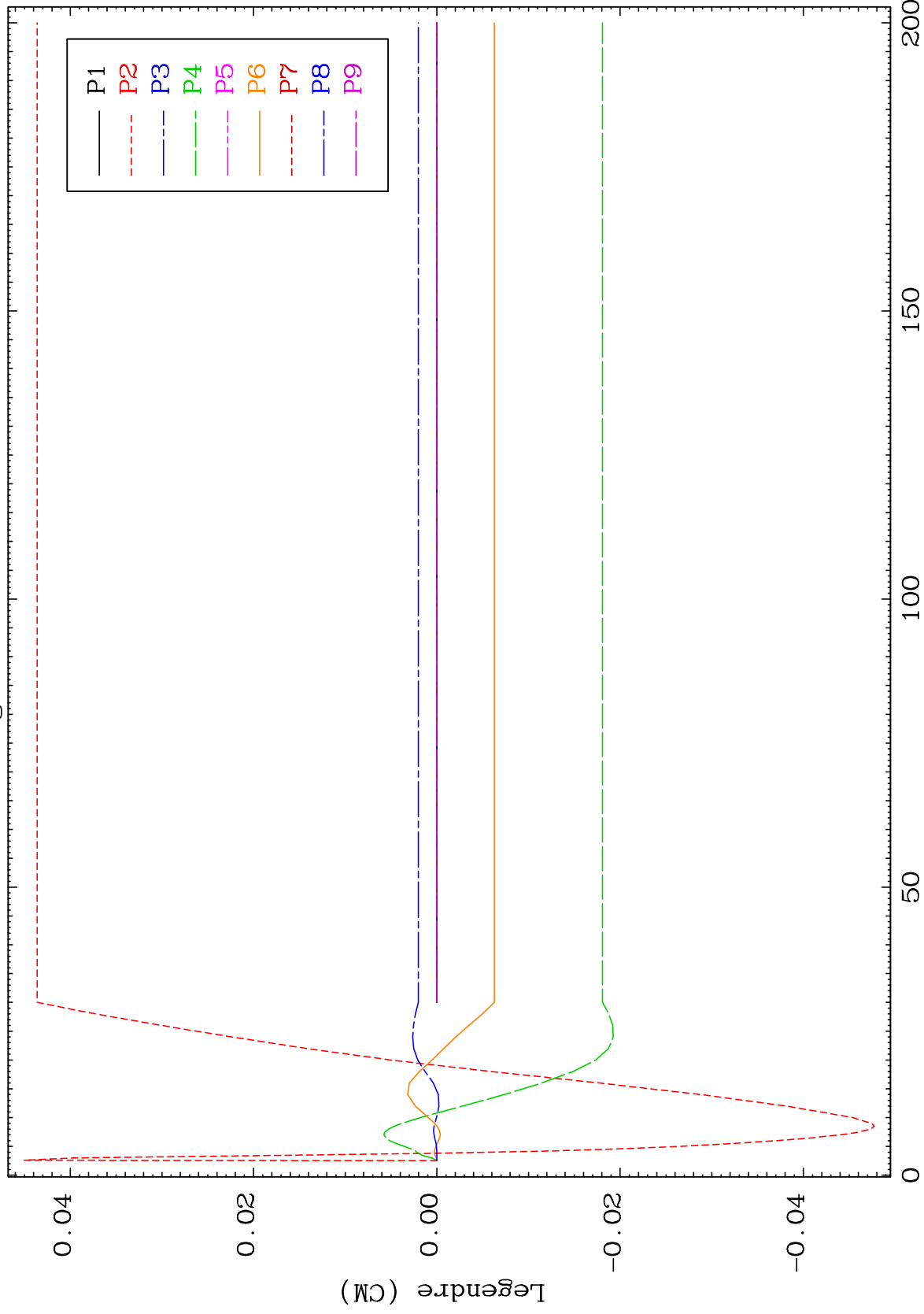




MAT 4437

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

44-Ru-100



112

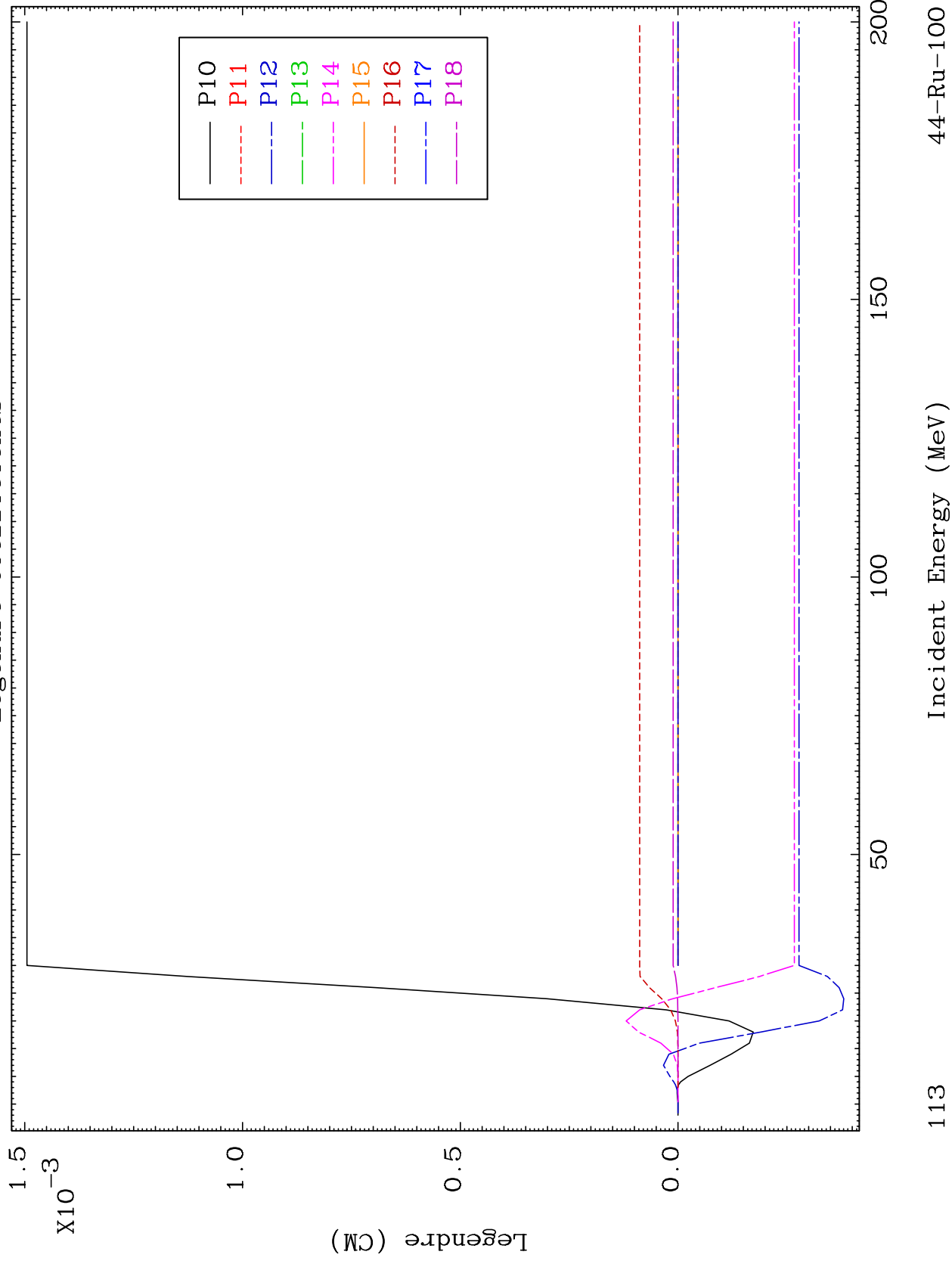
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



113

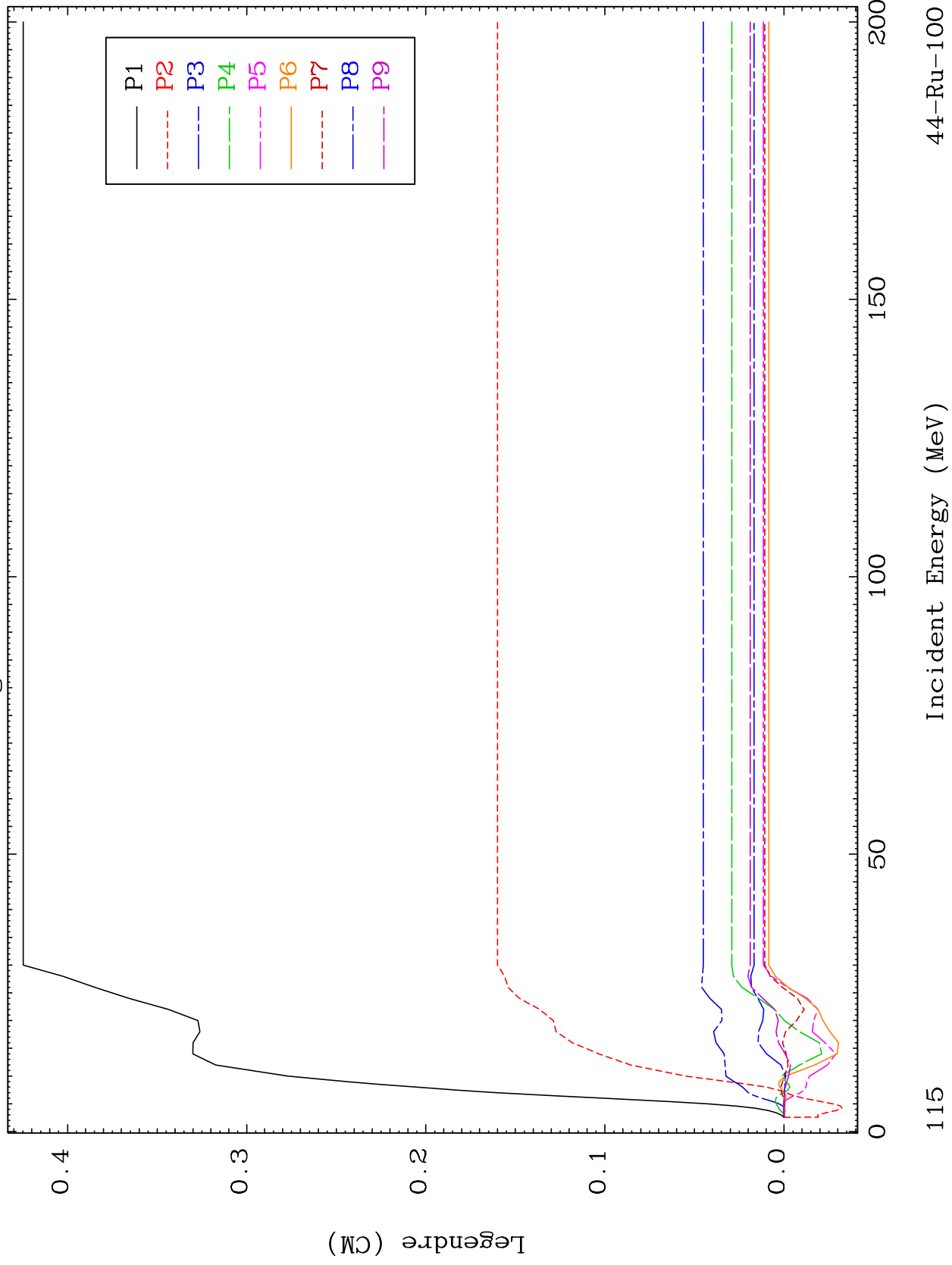
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



44-Ru-100

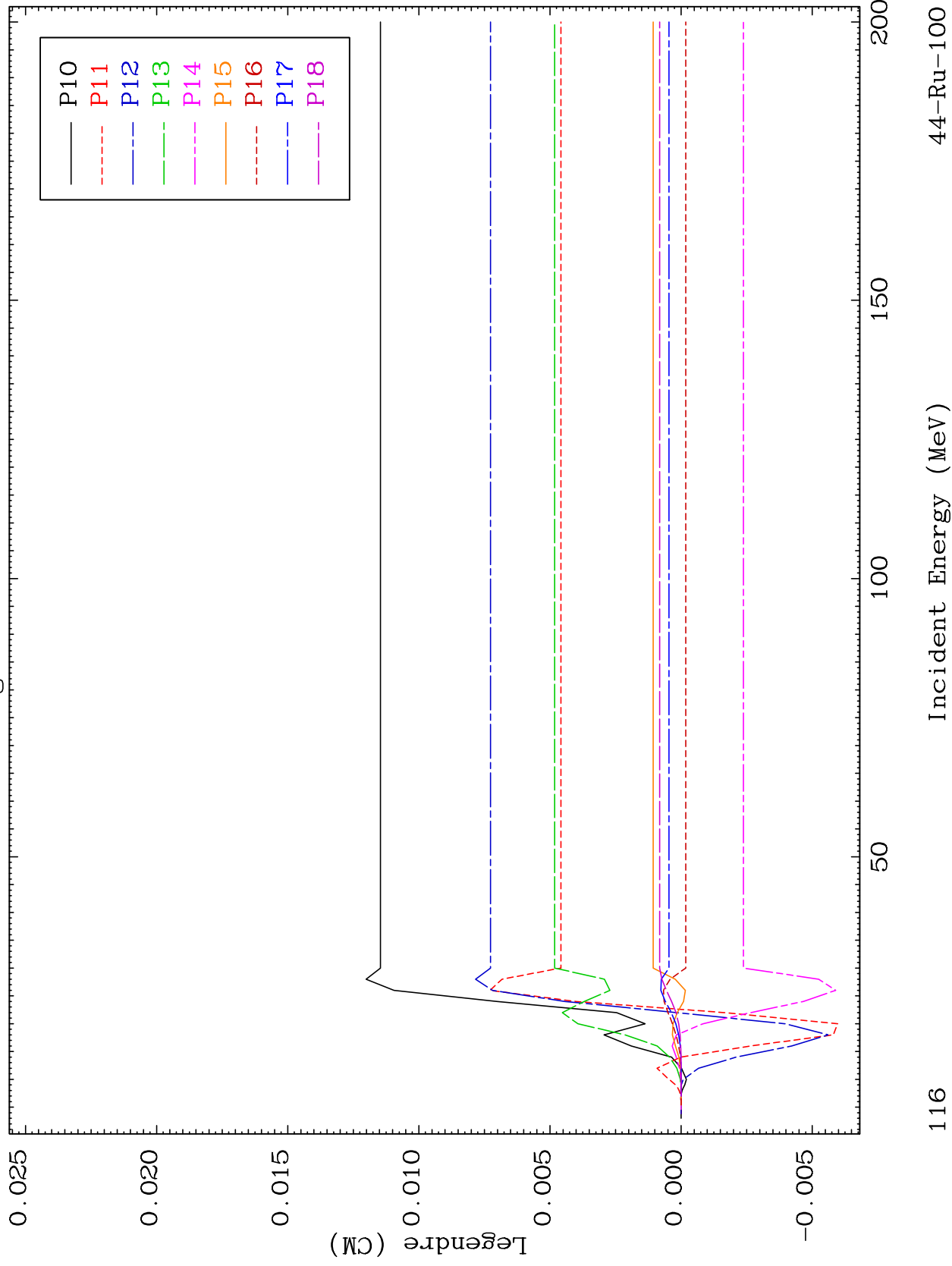
Incident Energy (MeV)

115

MAT 4437

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

44-Ru-100

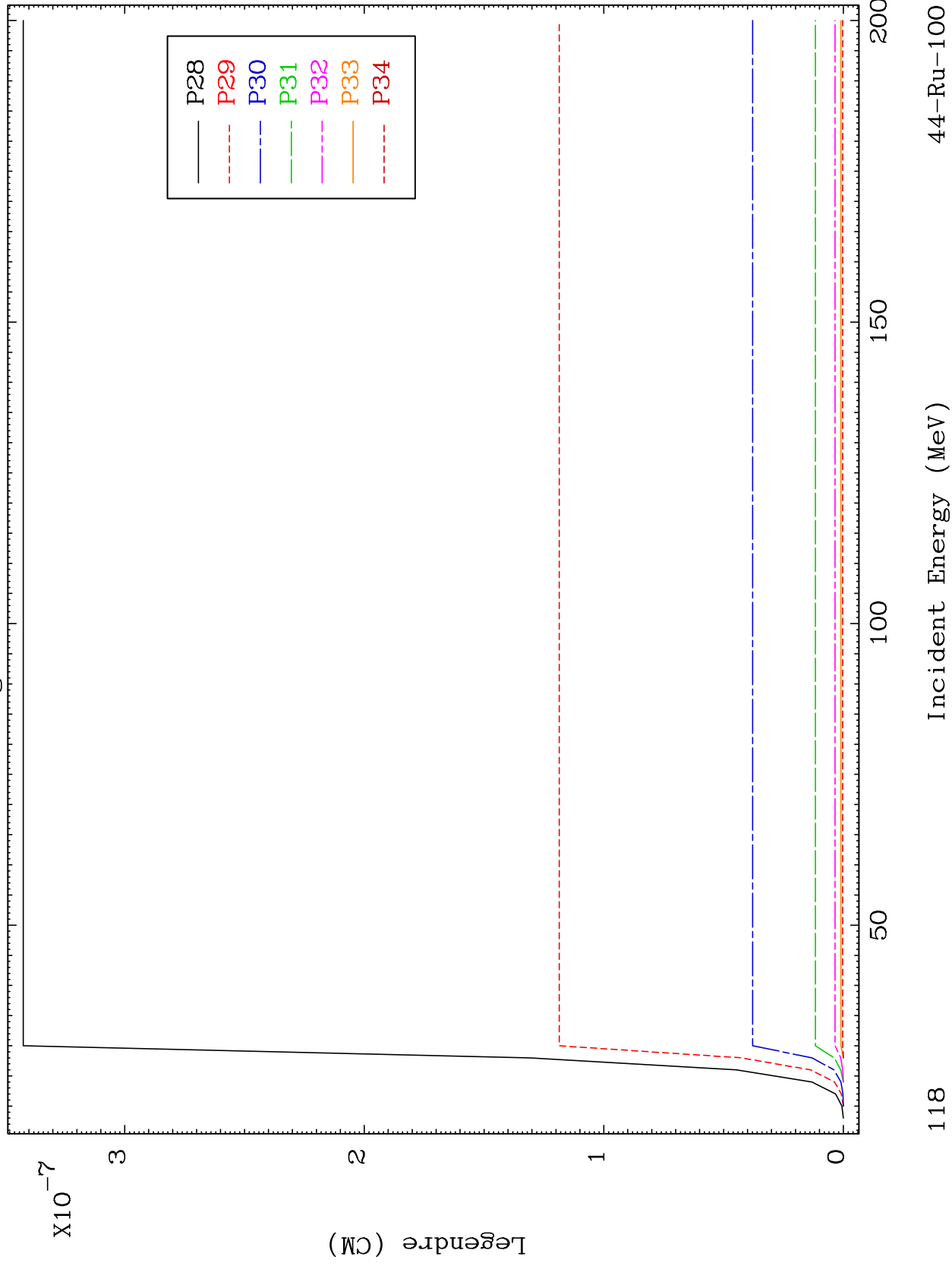


116

MAT 4437

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

44-Ru-100

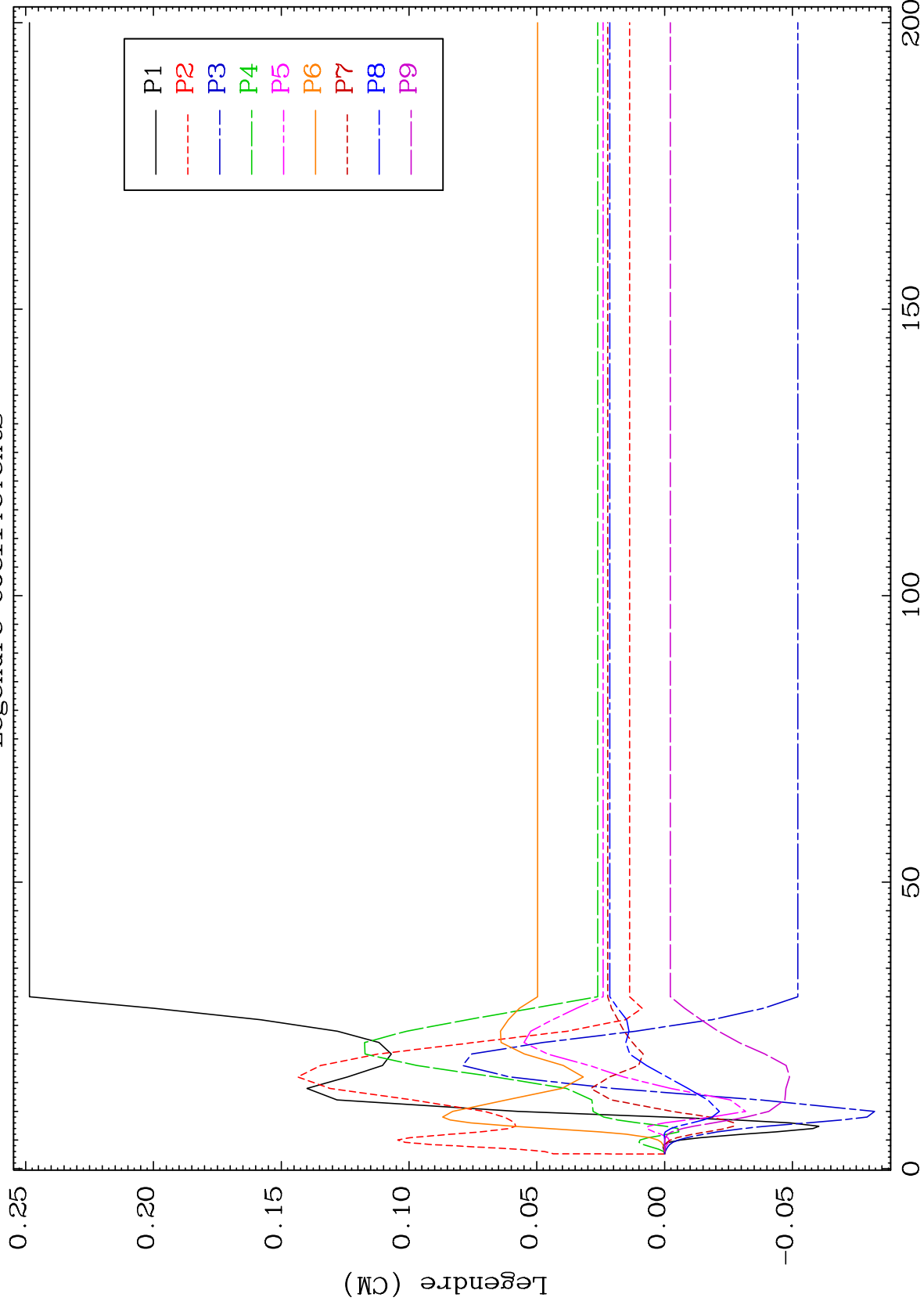


118

MAT 4437

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

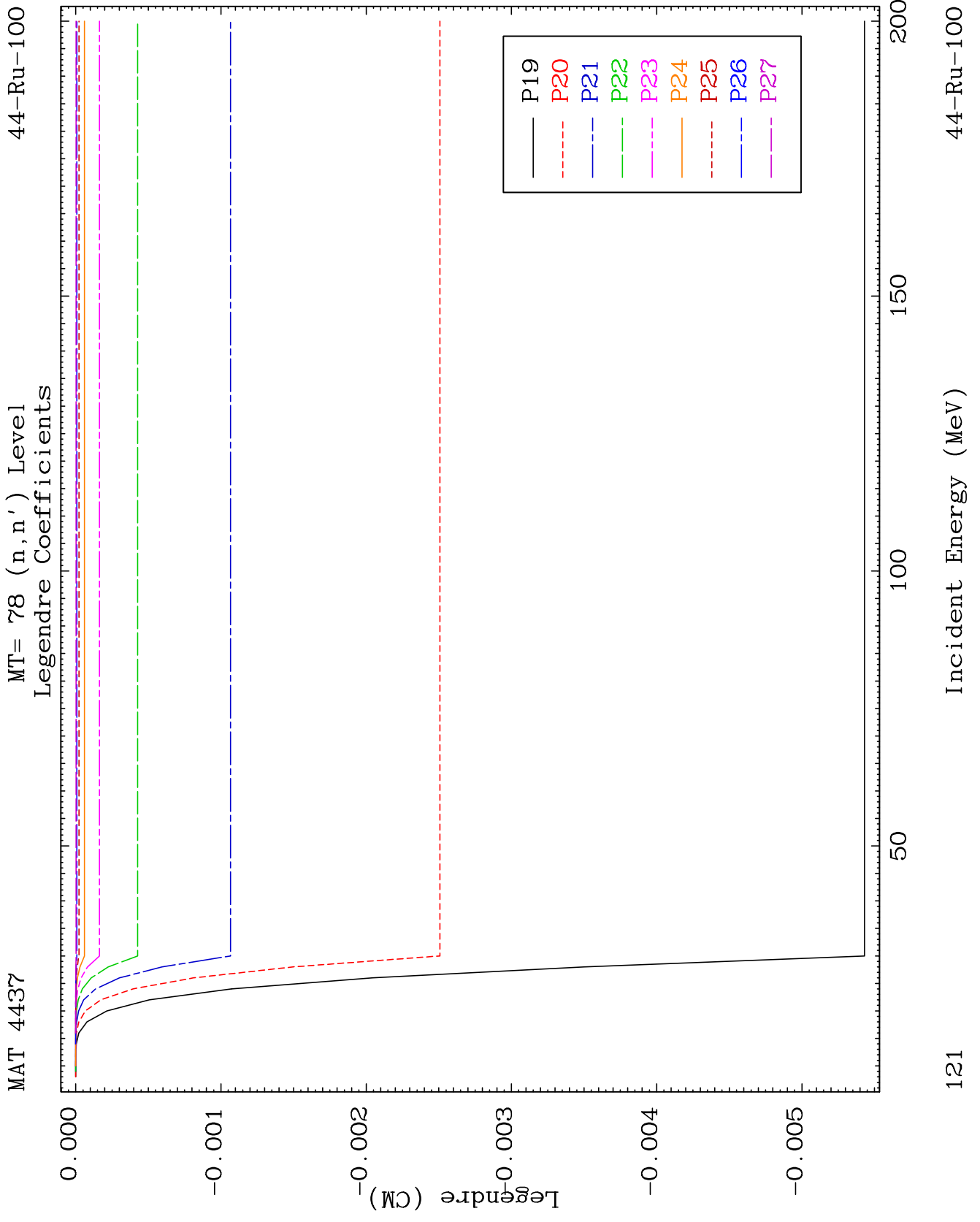
44-Ru-100

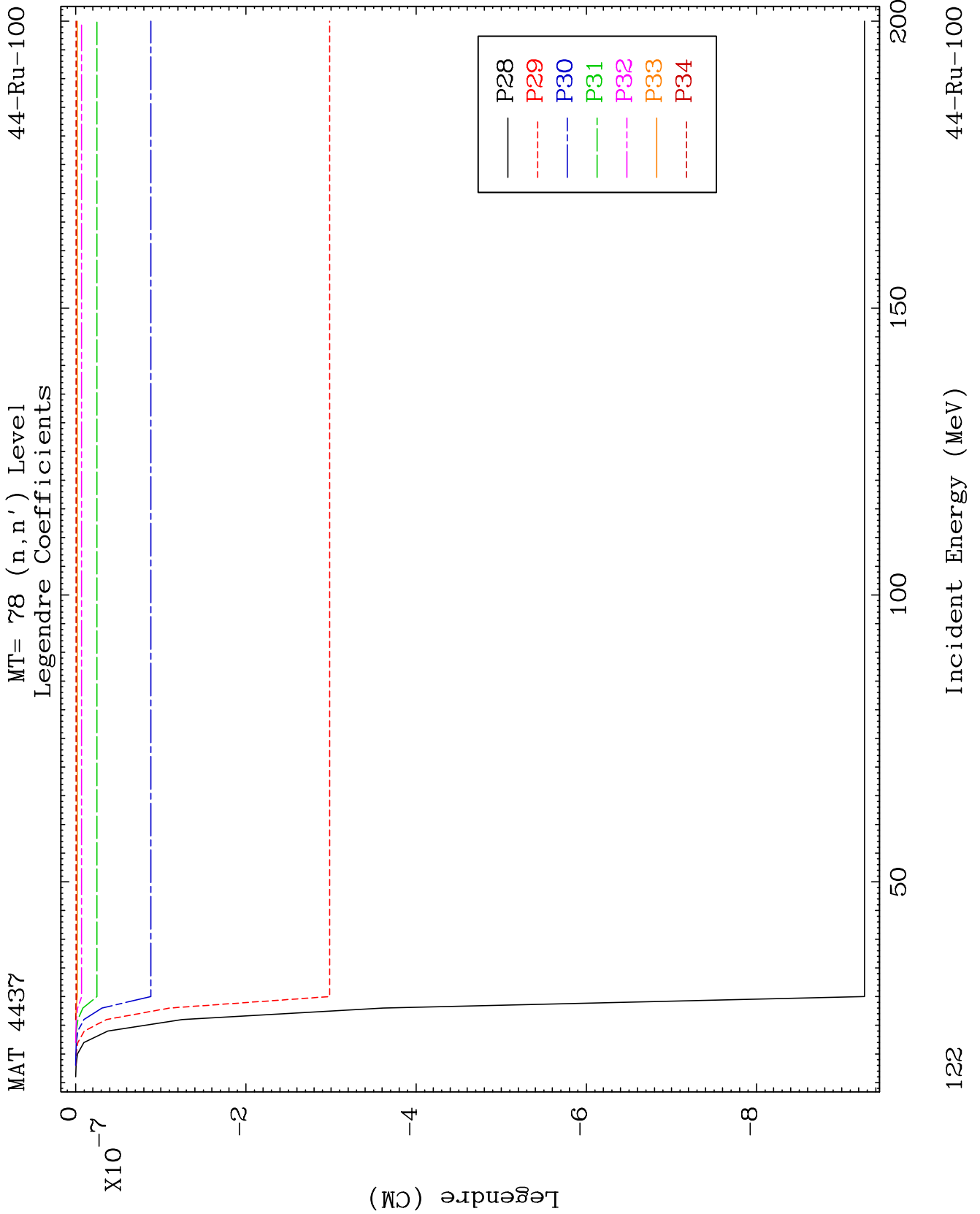


119

Incident Energy (MeV)

44-Ru-100

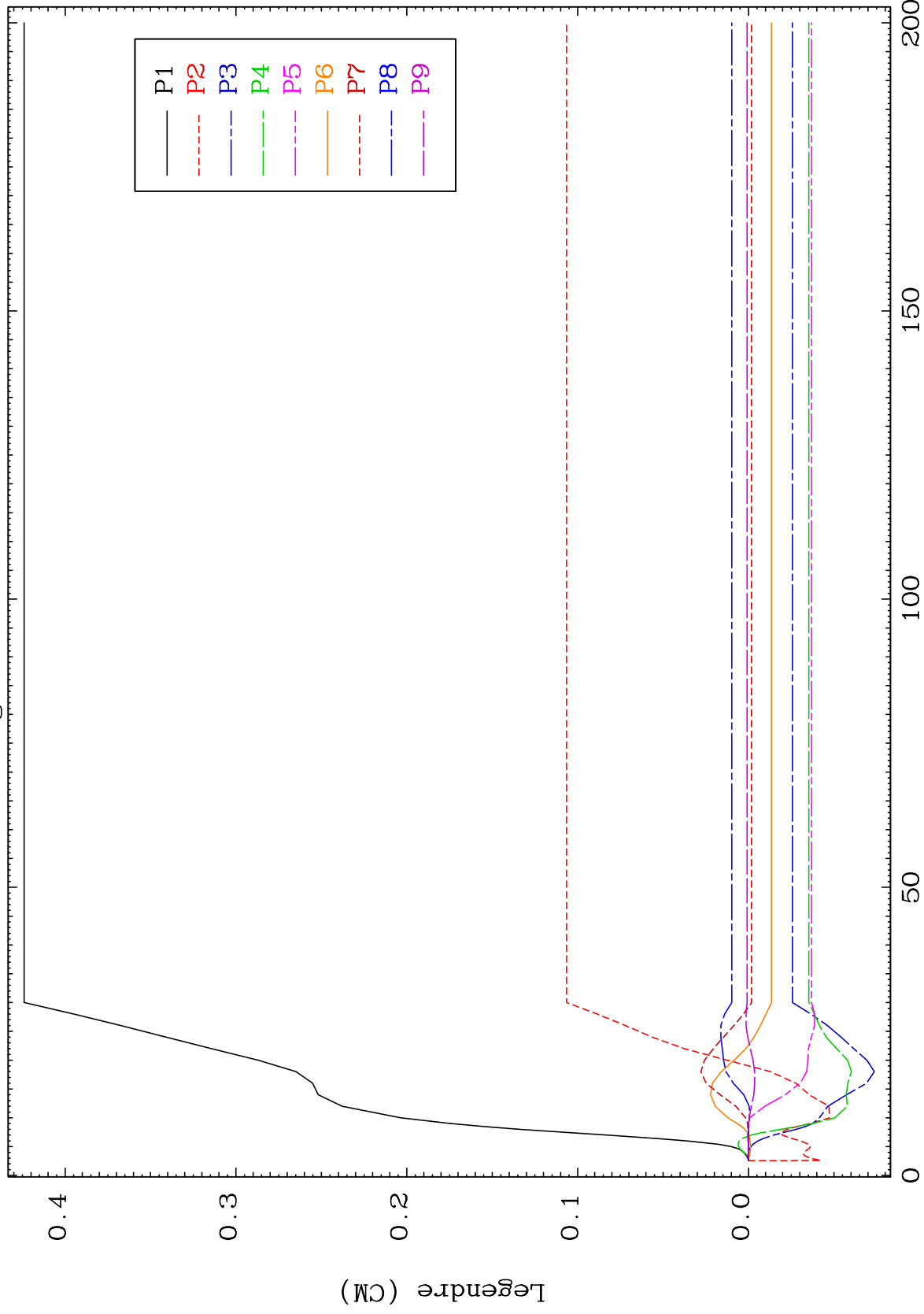




MAT 4437

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

44-Ru-100



123

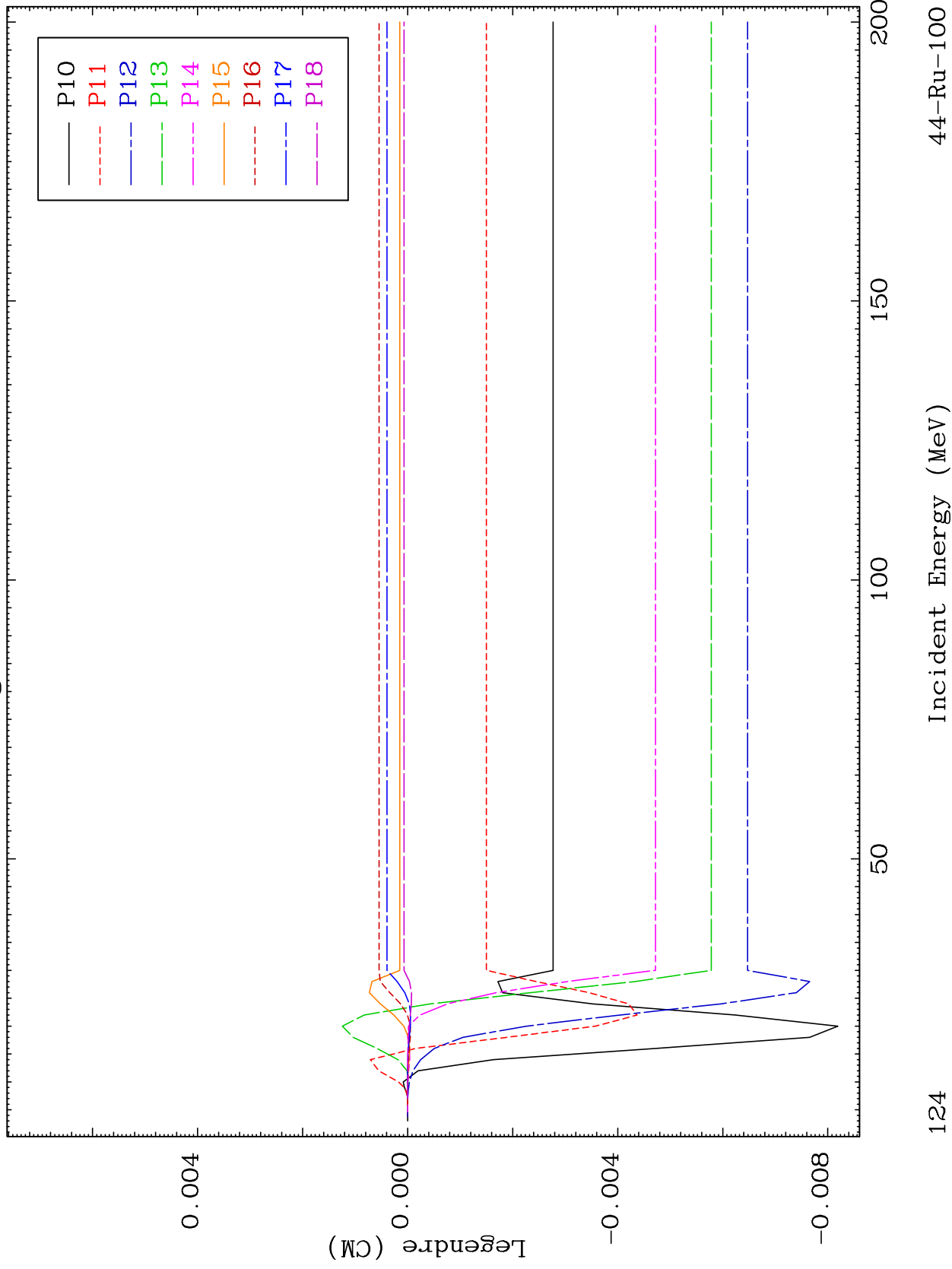
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



124

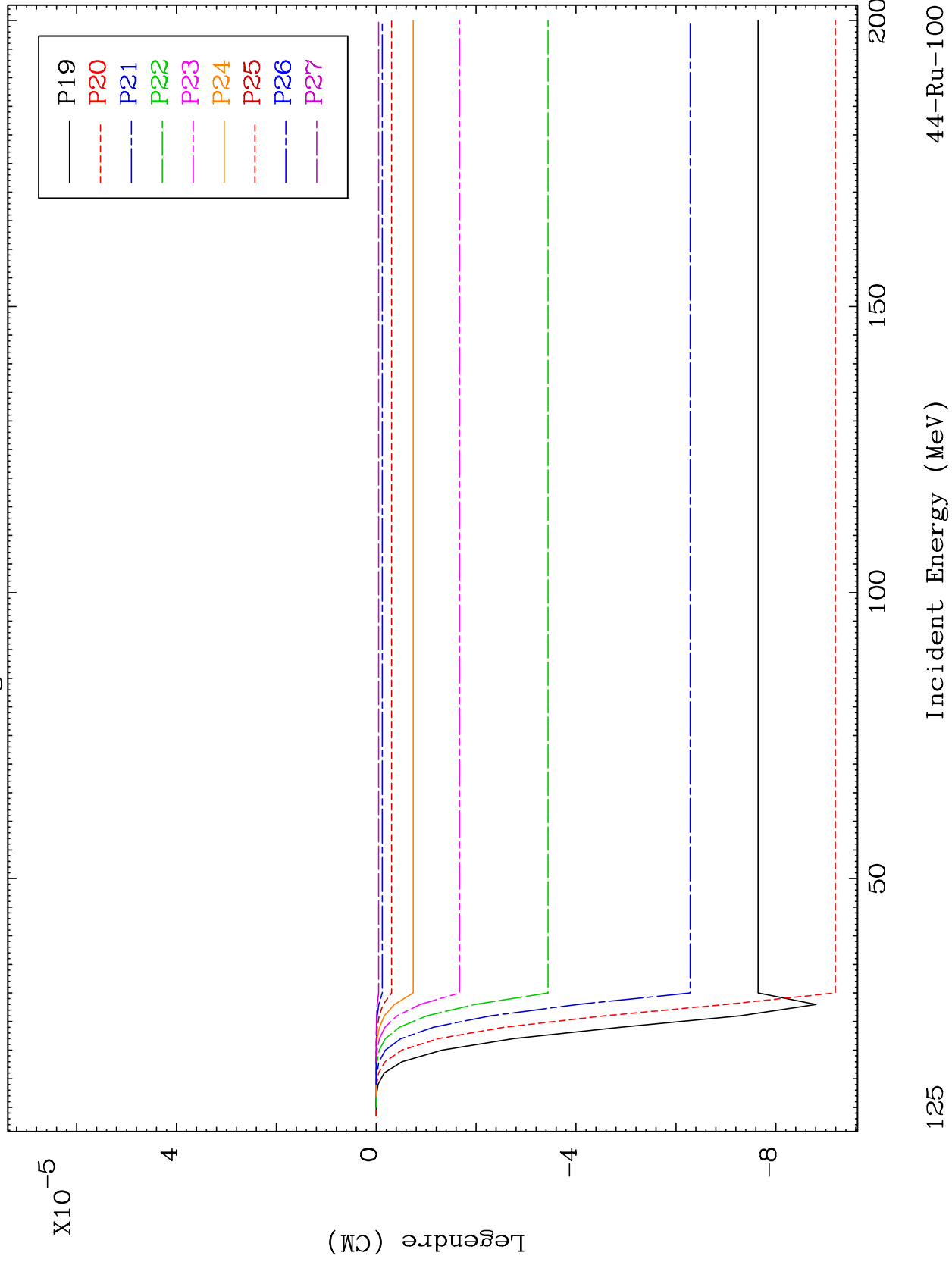
Incident Energy (MeV)

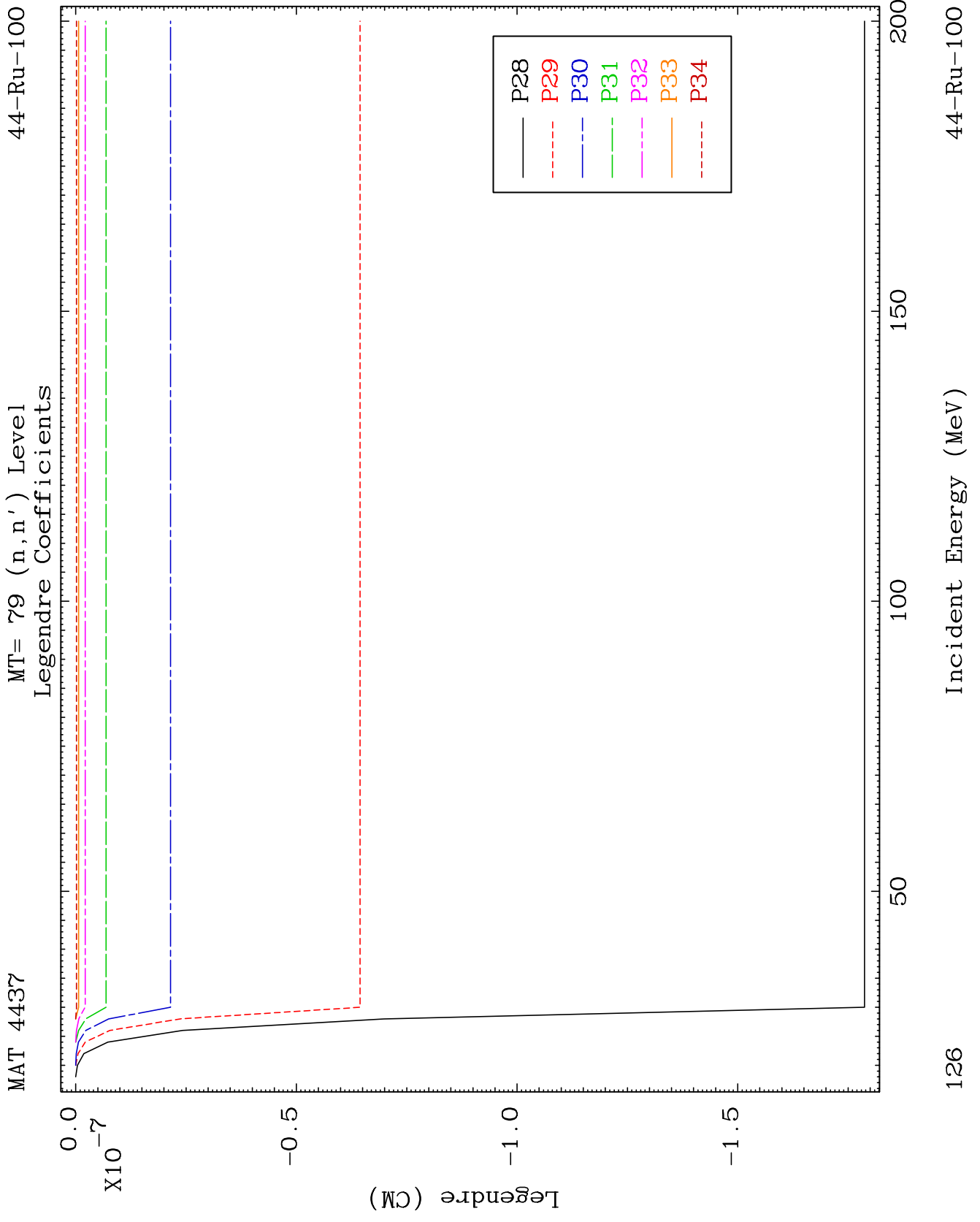
44-Ru-100

MAT 4437

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

44-Ru-100

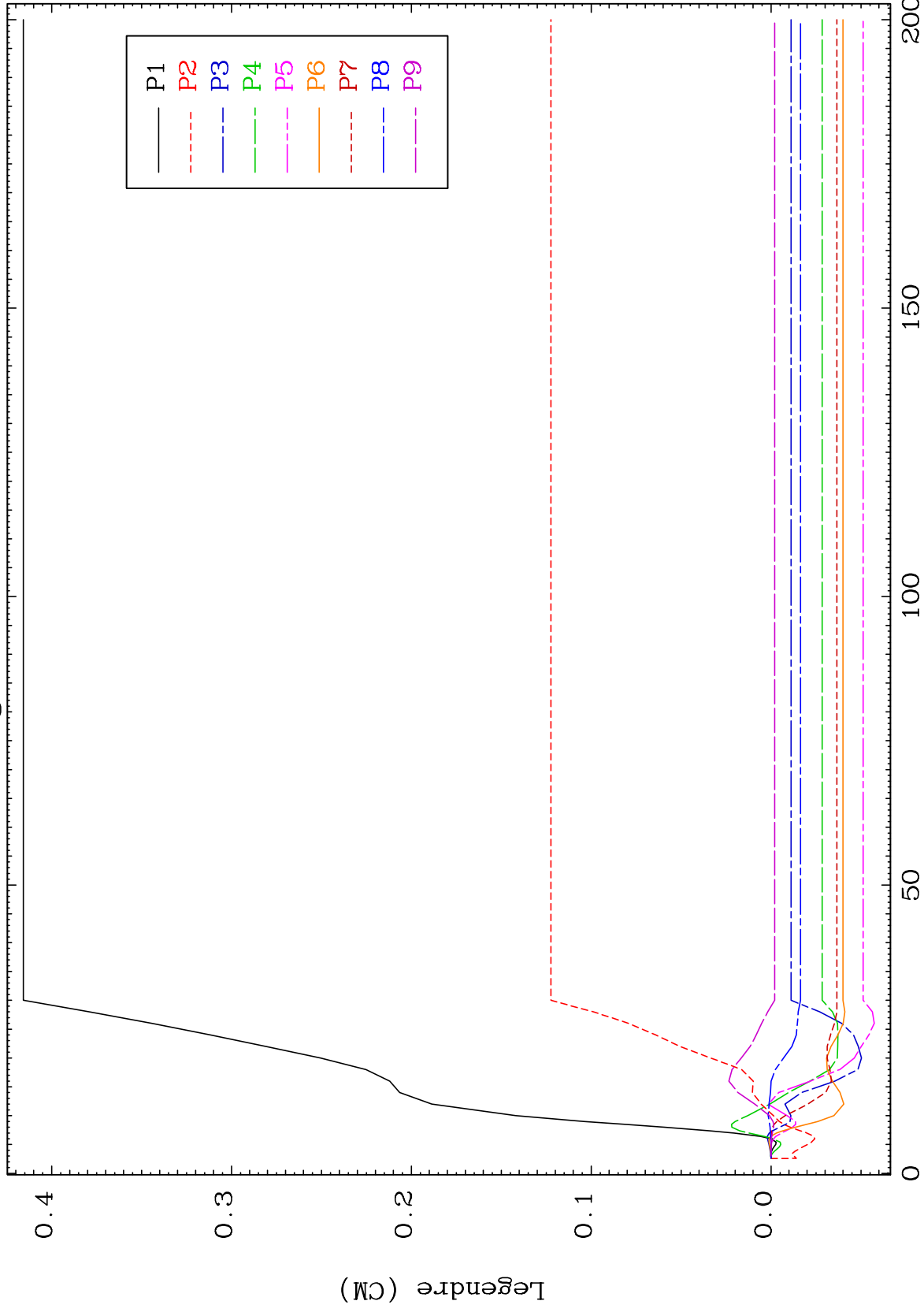




MAT 4437

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

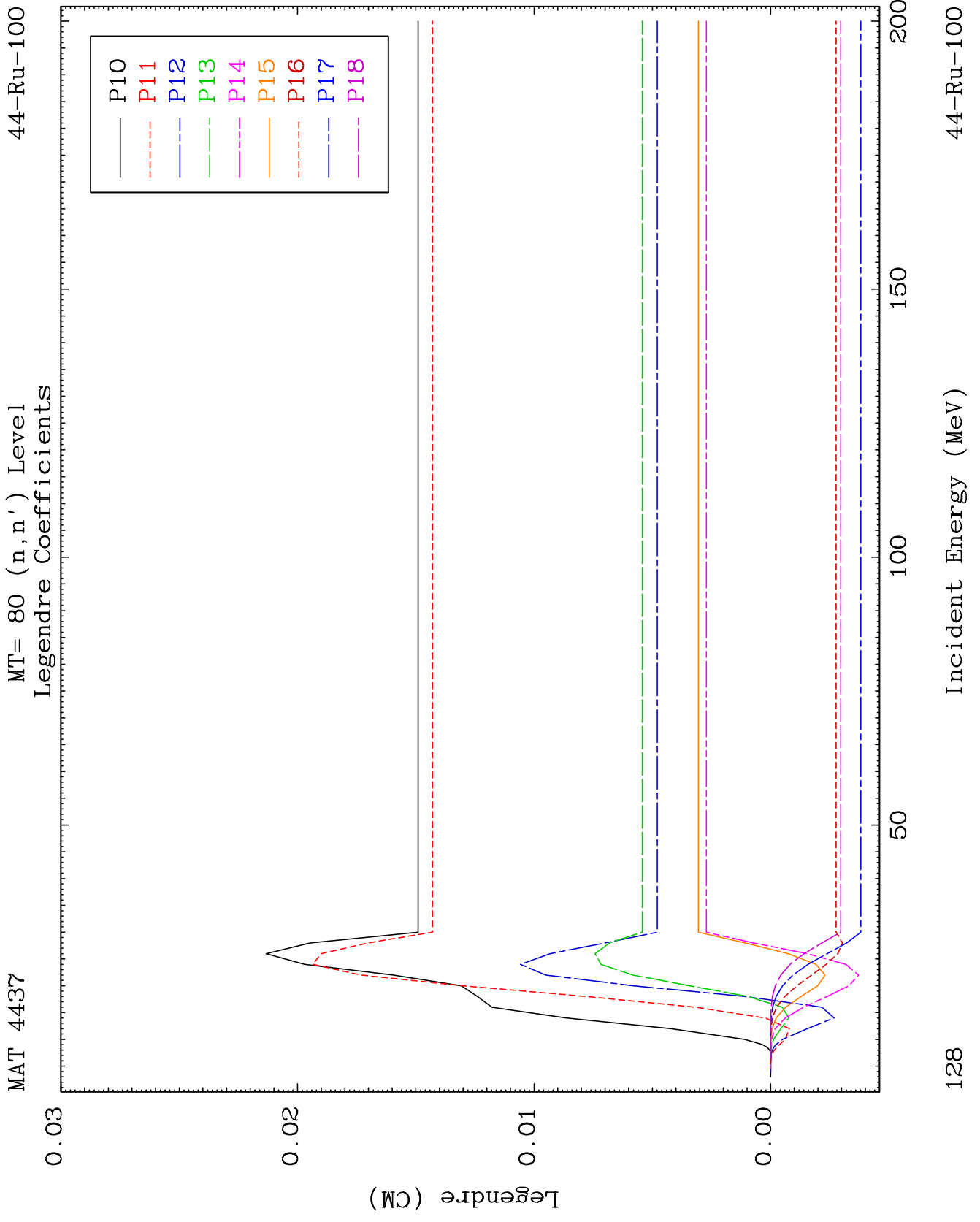
44-Ru-100

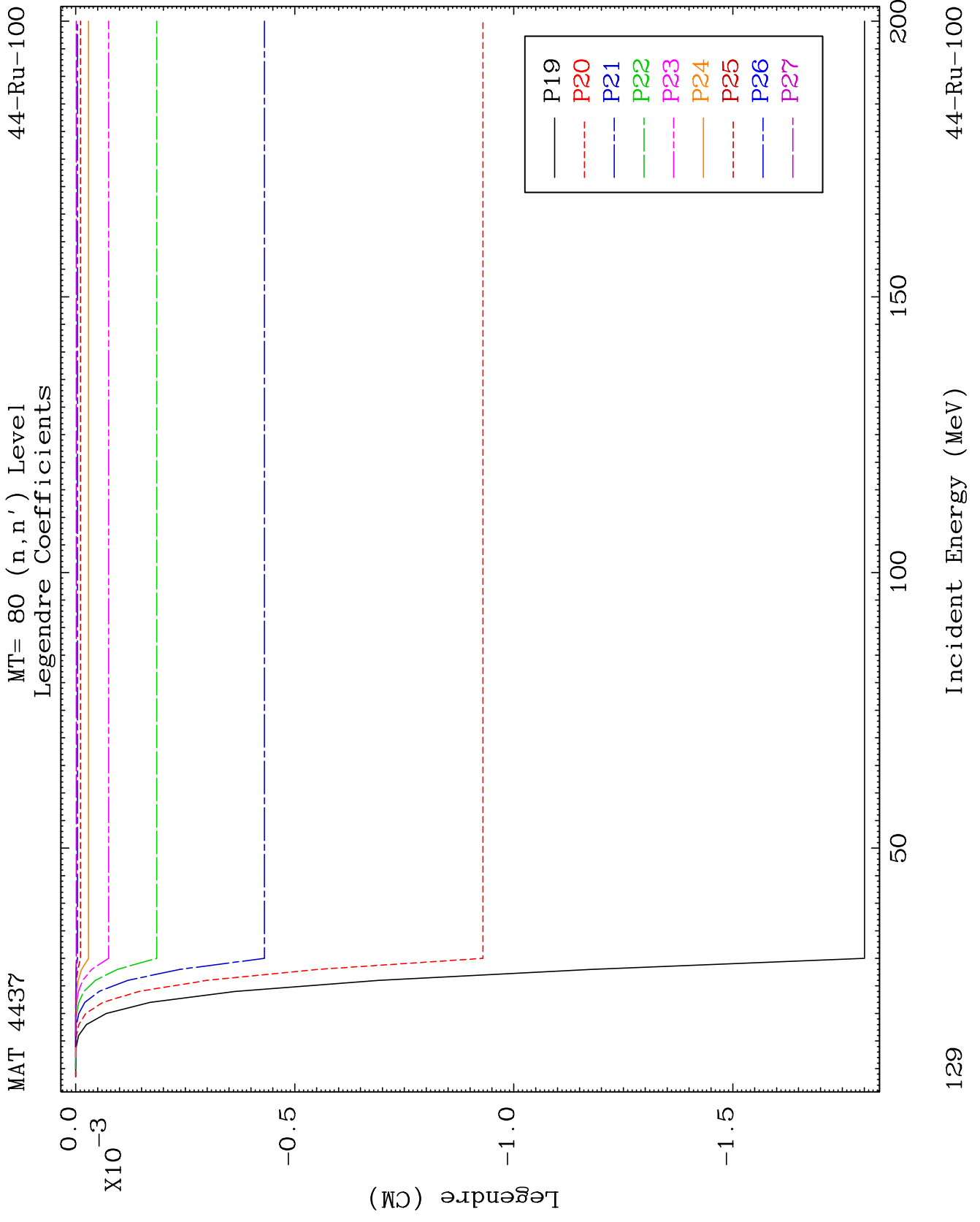


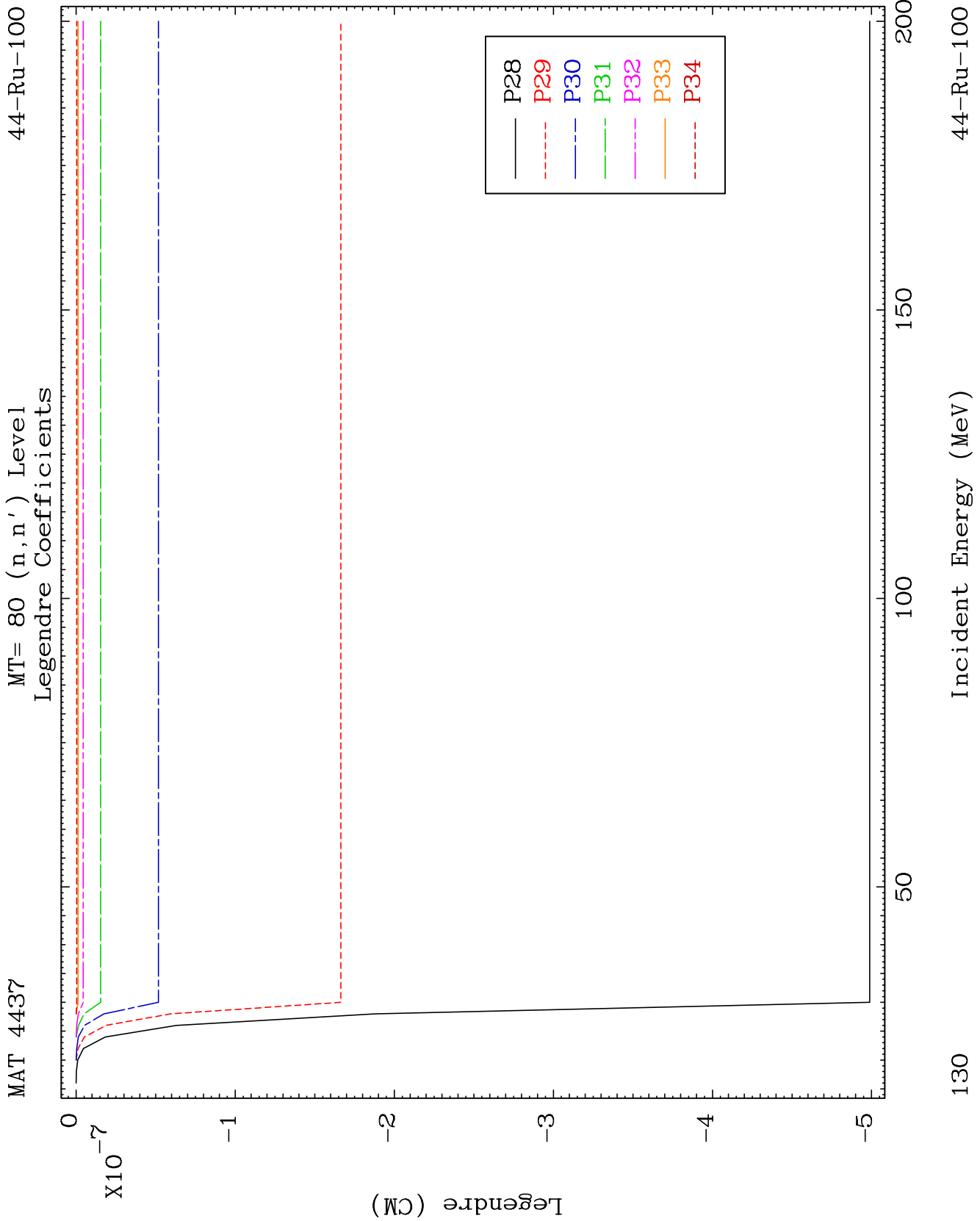
127

Incident Energy (MeV)

44-Ru-100





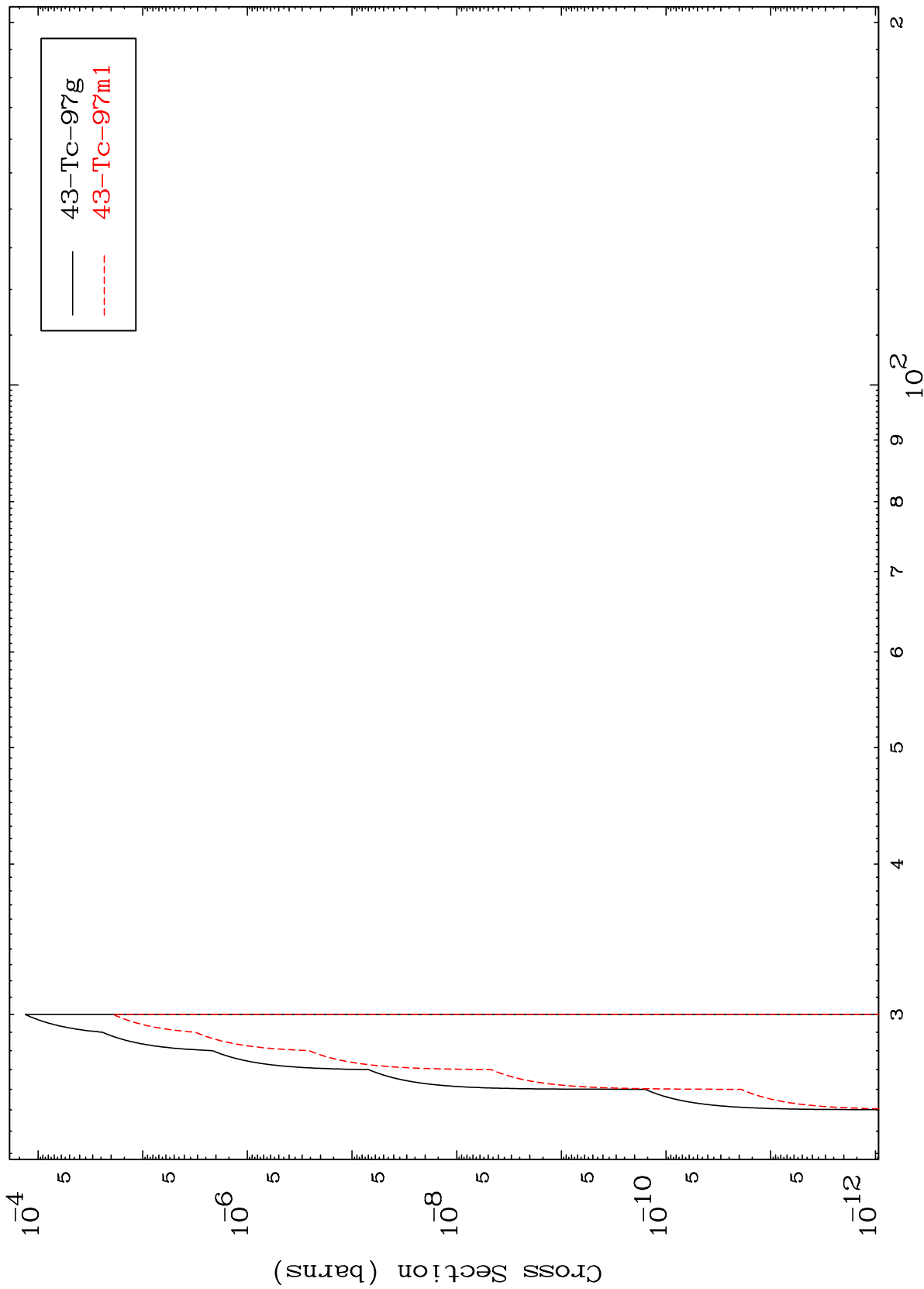


MAT 4437

(n,2n) d

44-Ru-100

Radionuclide Production Cross Section



43-Tc-97g
43-Tc-97m1

131

Incident Energy (MeV)

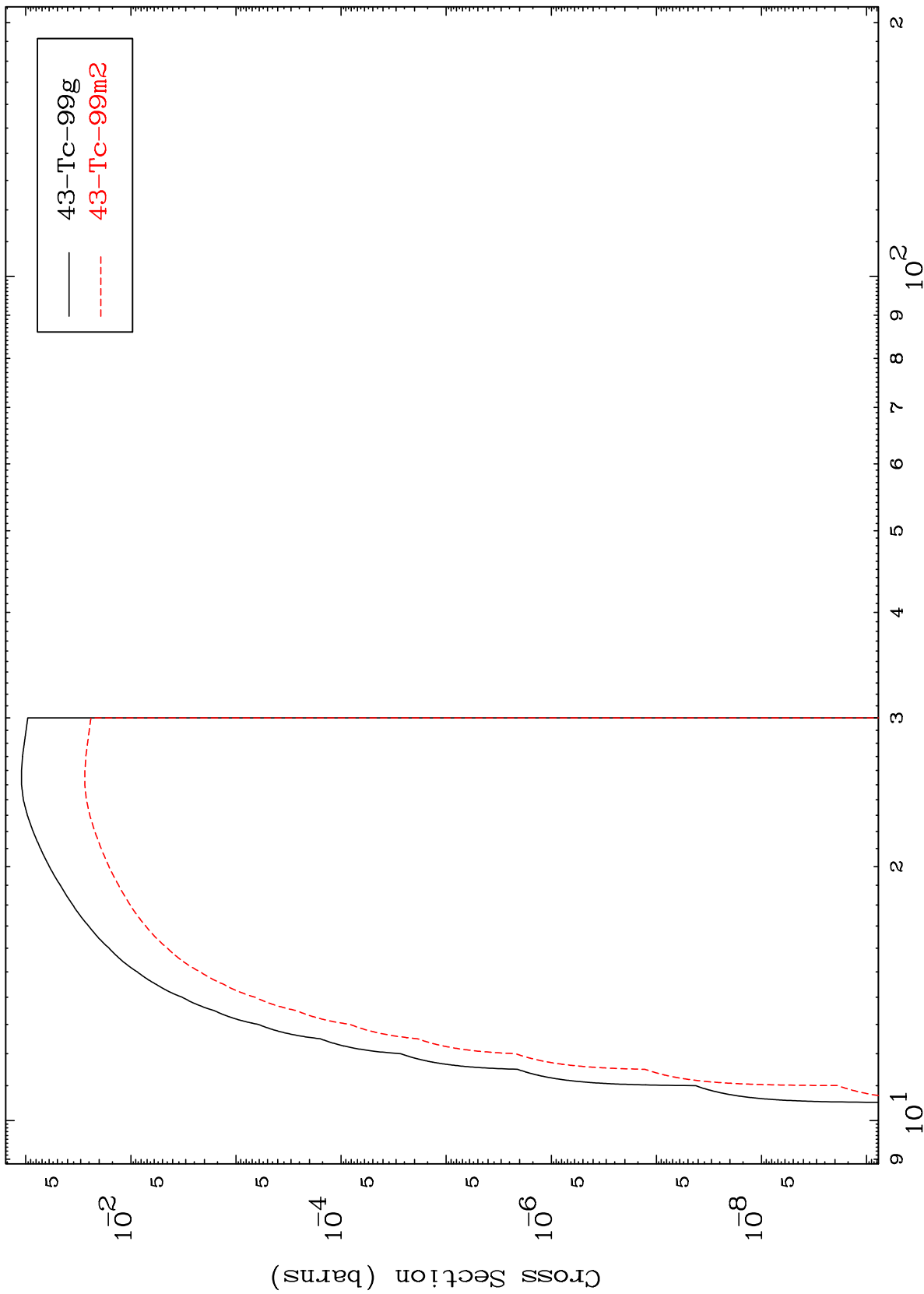
44-Ru-100

MAT 4437

(n,n') p

44-Ru-100

Radionuclide Production Cross Section

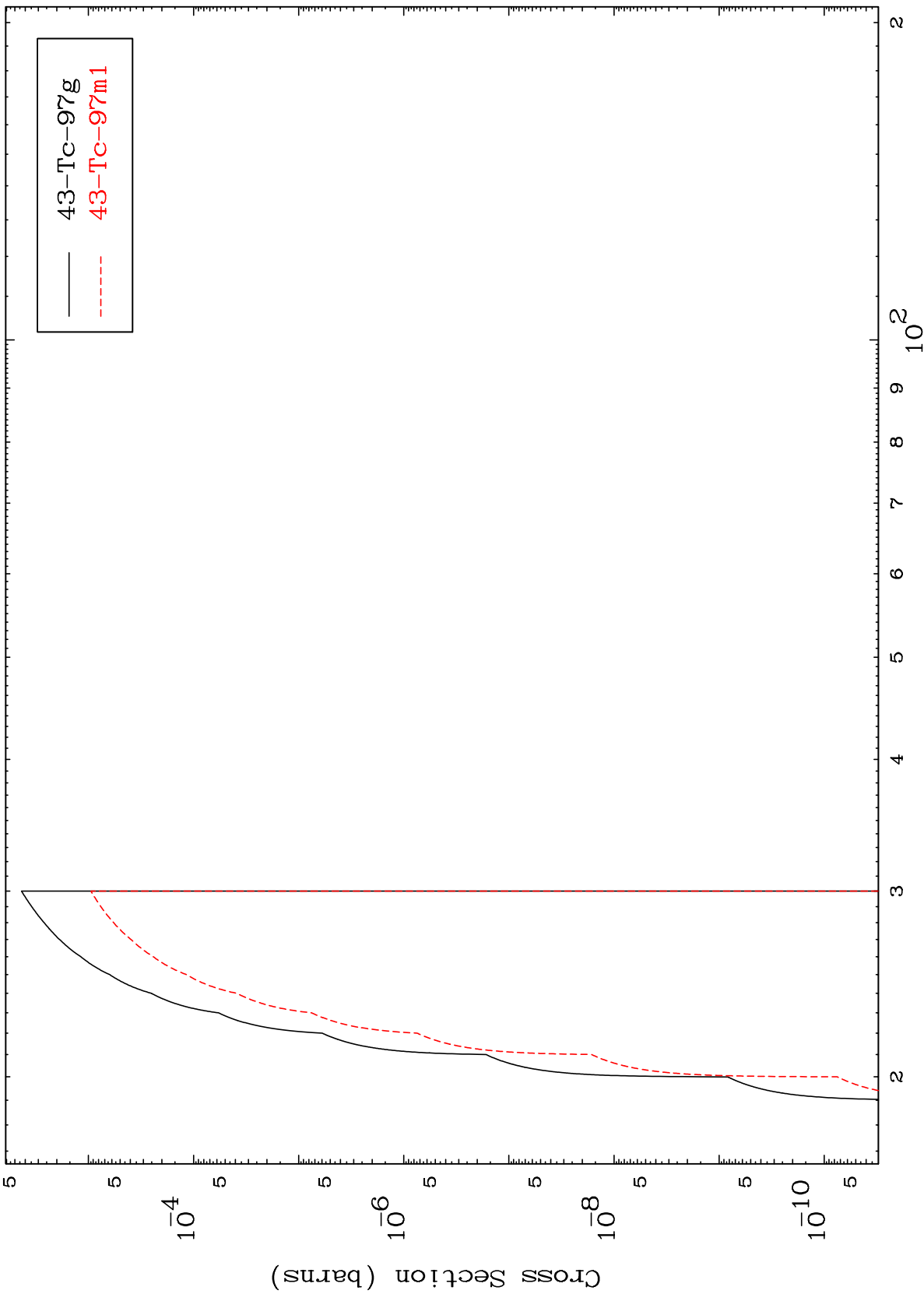


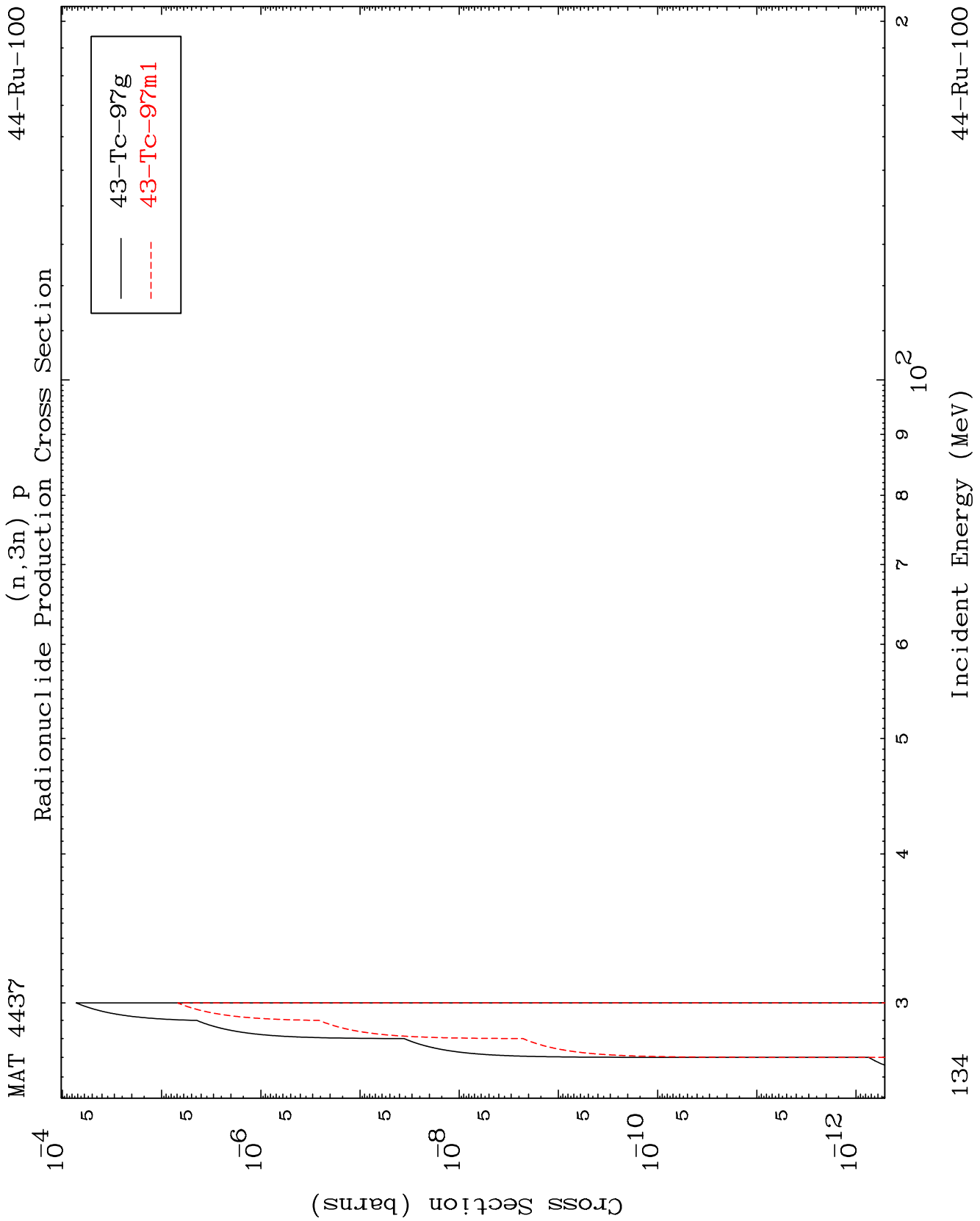
132

Incident Energy (MeV)

44-Ru-100

Radionuclide Production Cross Section



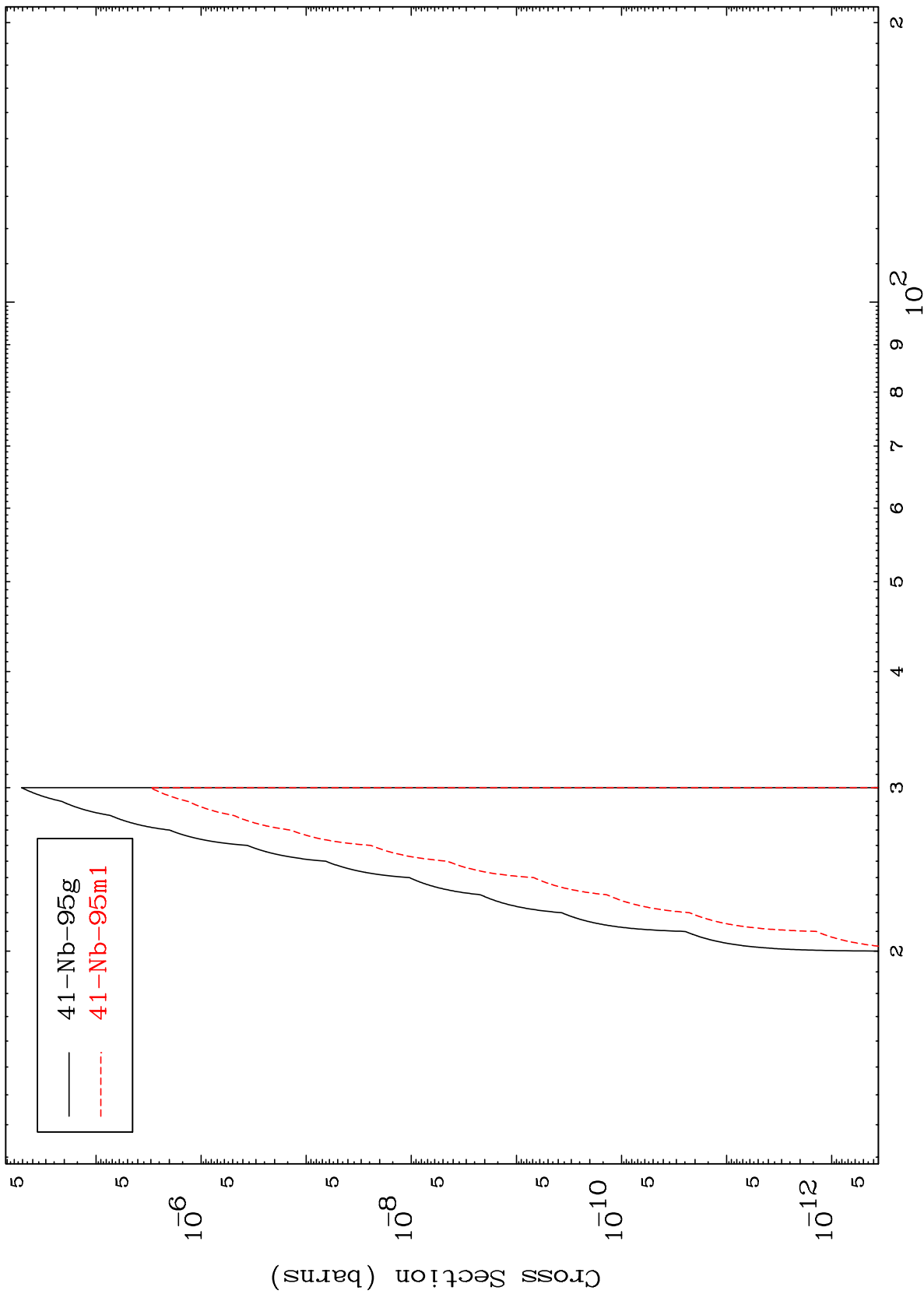


MAT 4437

(n,n') p α

44-Ru-100

Radionuclide Production Cross Section



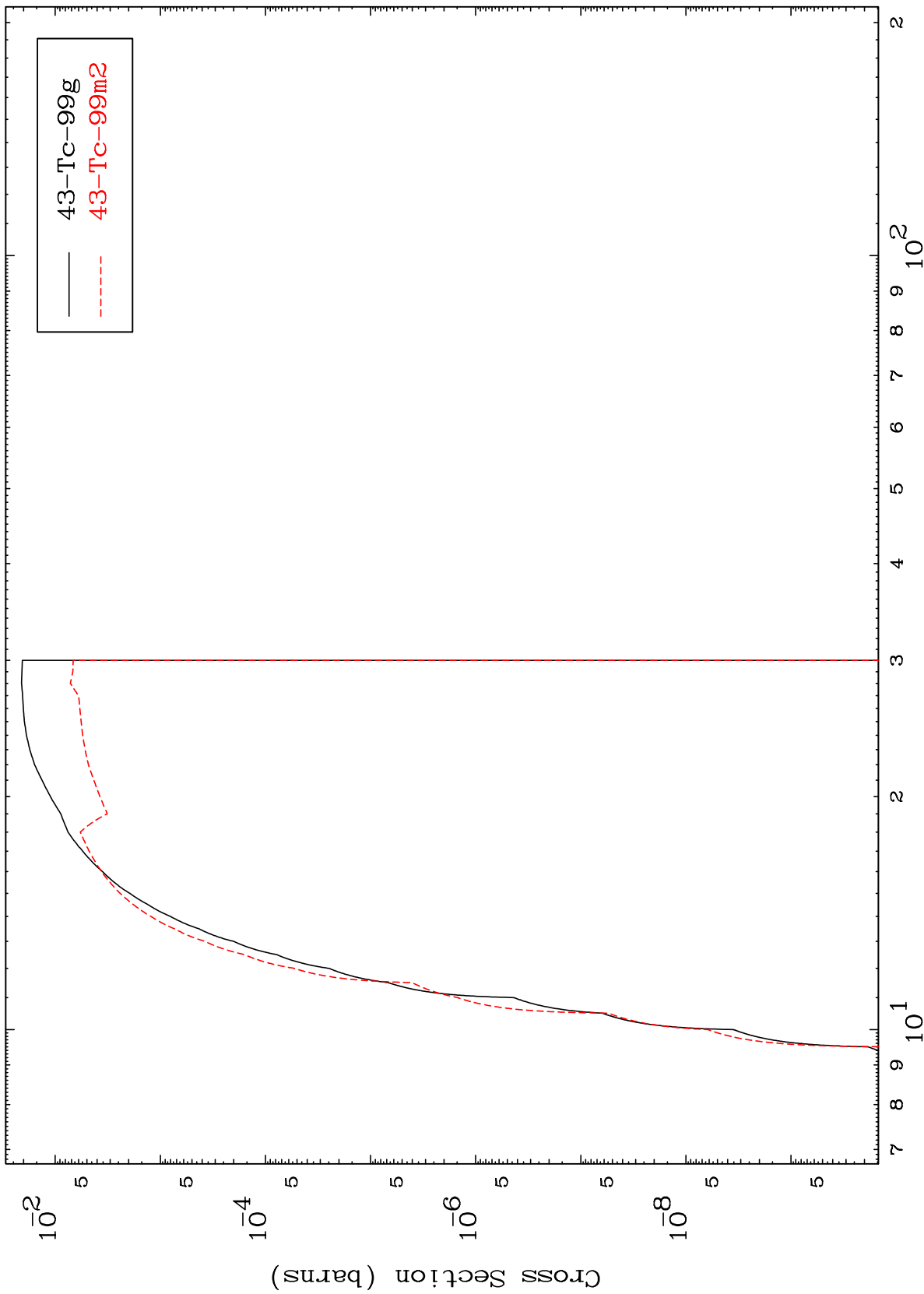
135

44-Ru-100

MAT 4437

44-Ru-100

(n,d)
Radionuclide Production Cross Section



136

Incident Energy (MeV)

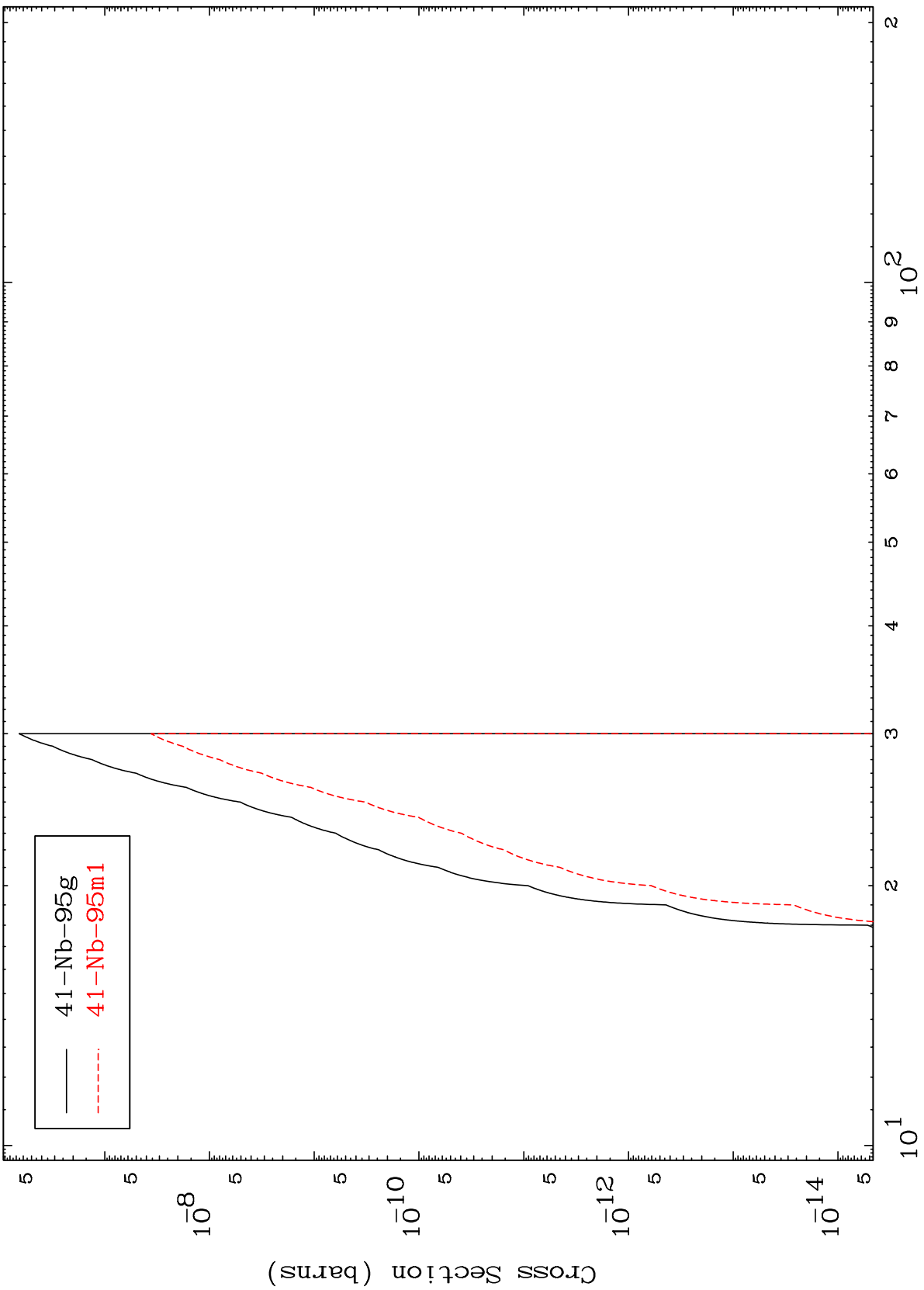
44-Ru-100

MAT 4437

(n,d) α

44-Ru-100

Radionuclide Production Cross Section



137

Incident Energy (MeV)

44-Ru-100