

Program EVALPLOT
(Version 2015-2)

by

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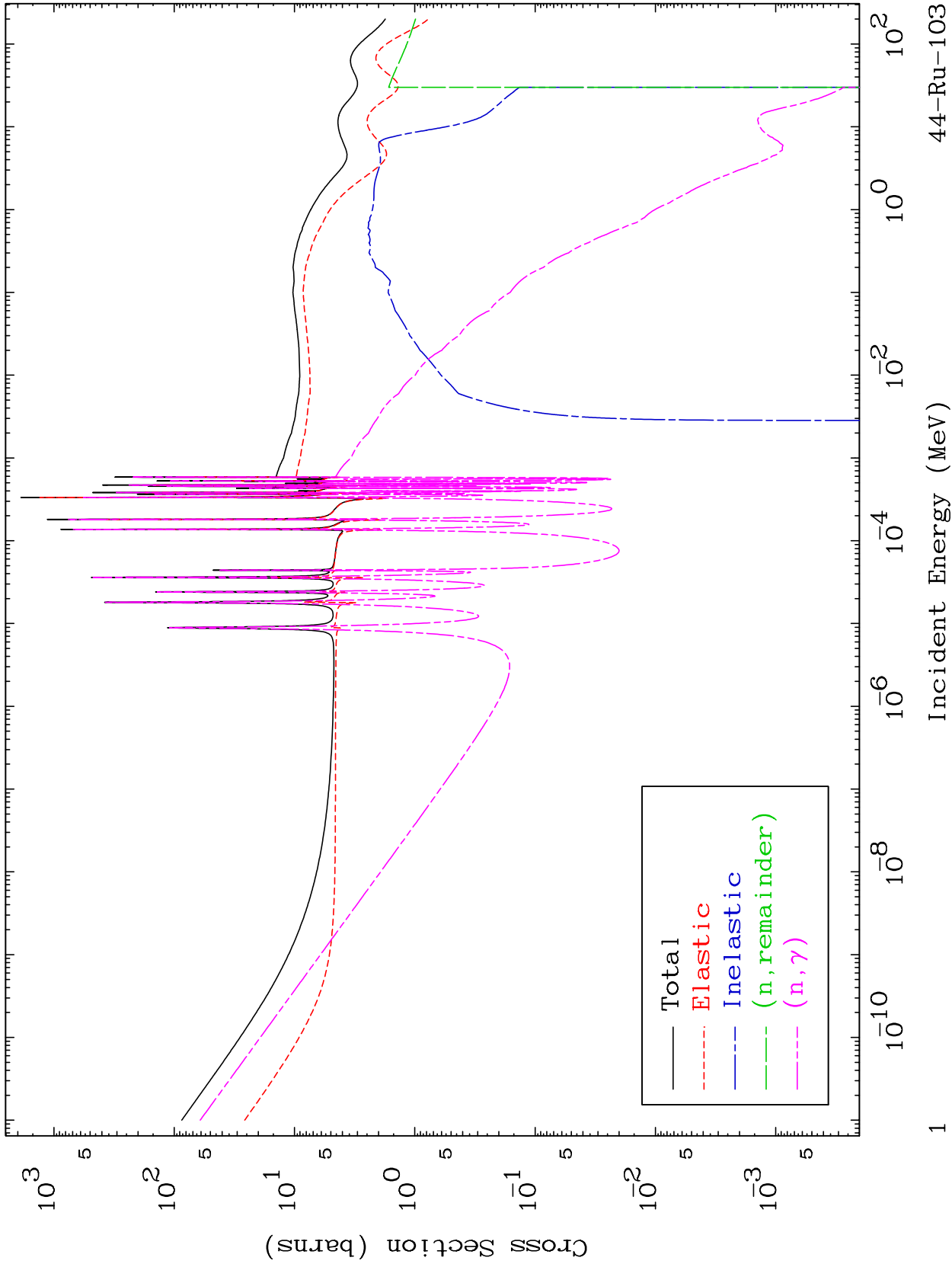
Press Mouse Button to Start

MAT 4446

Major

293 Kelvin Cross Sections

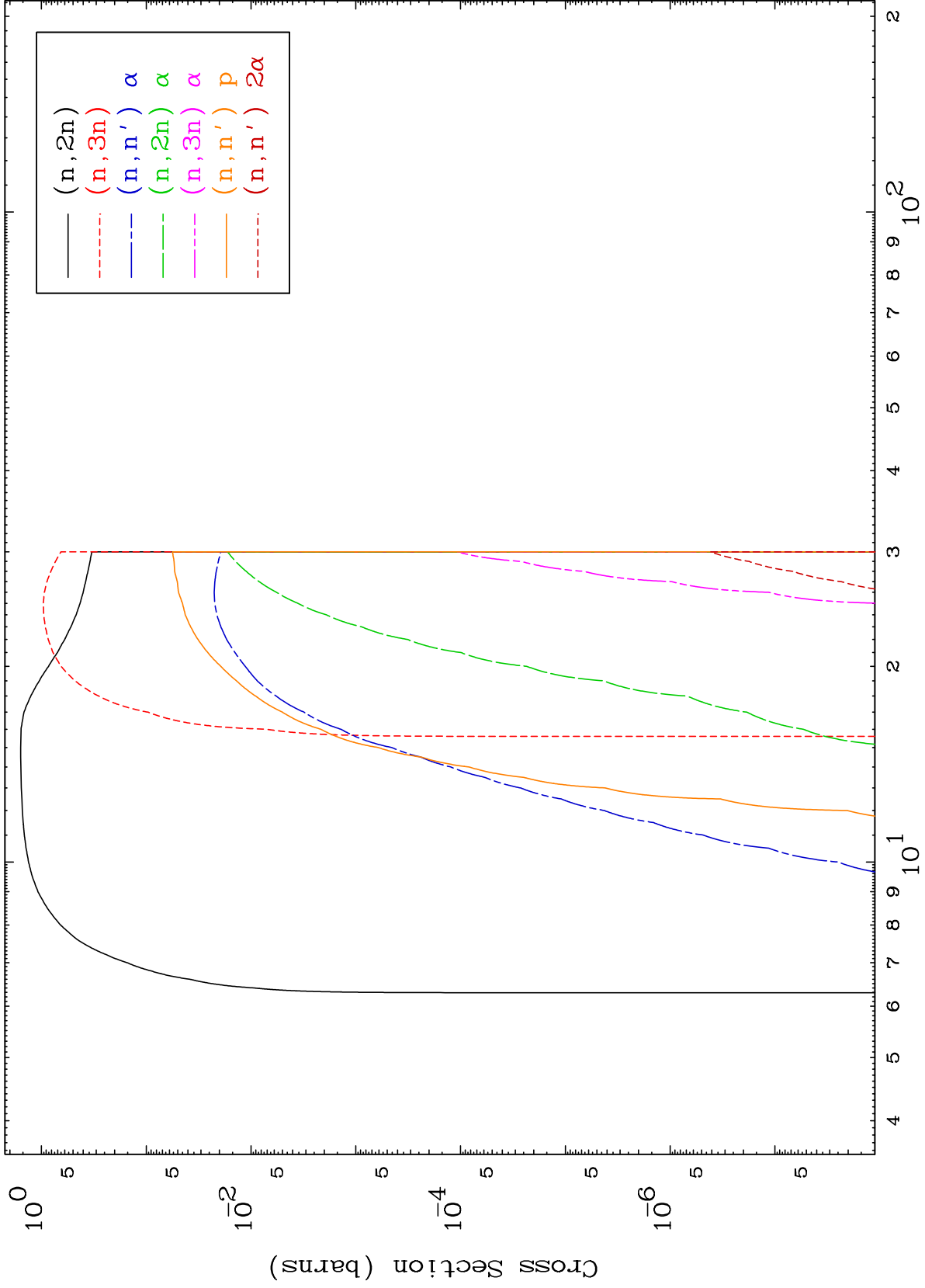
44-Ru-103



MAT 4446

Neutron Production
293 Kelvin Cross Sections

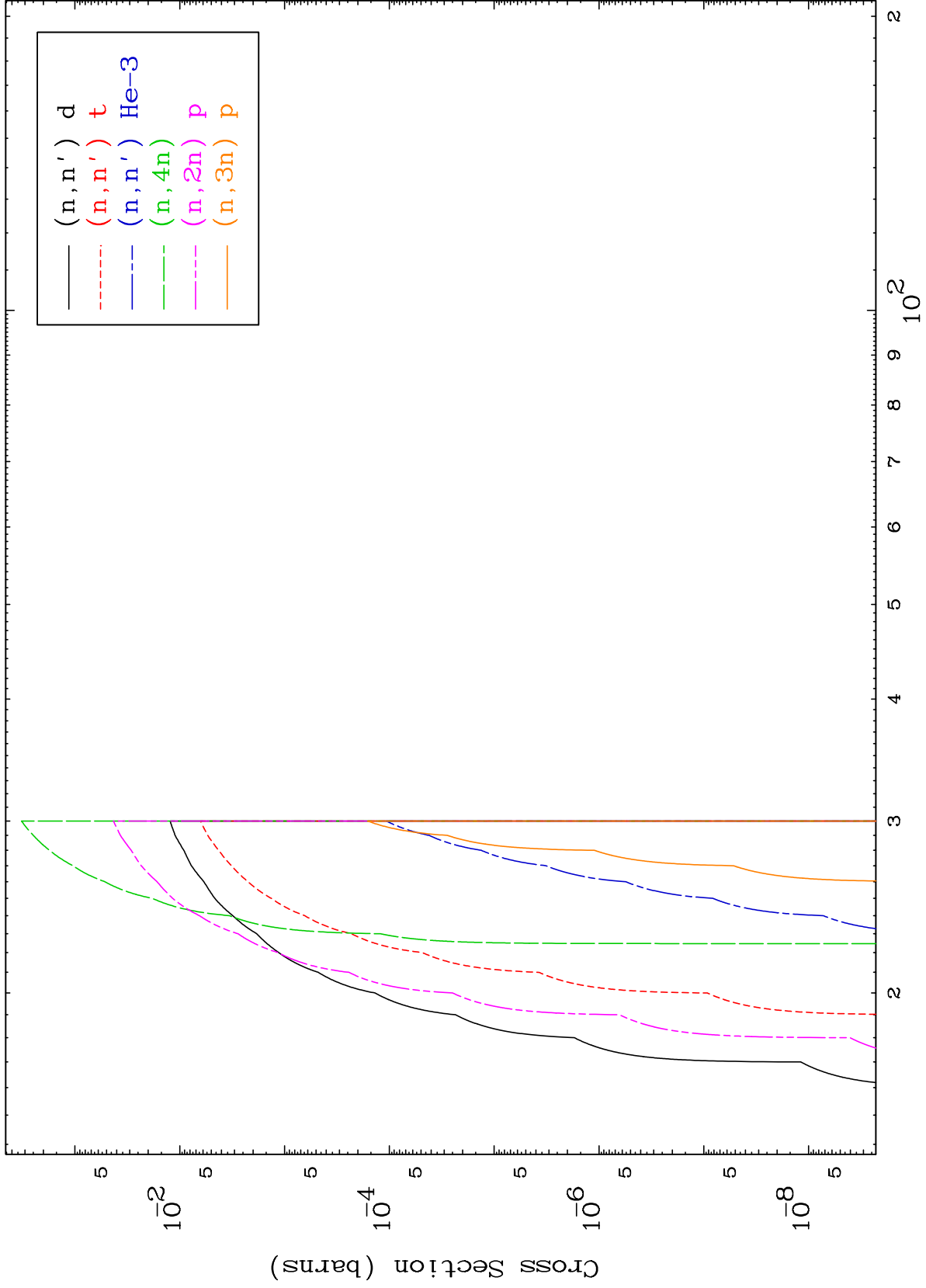
44-Ru-103



2

Incident Energy (MeV)

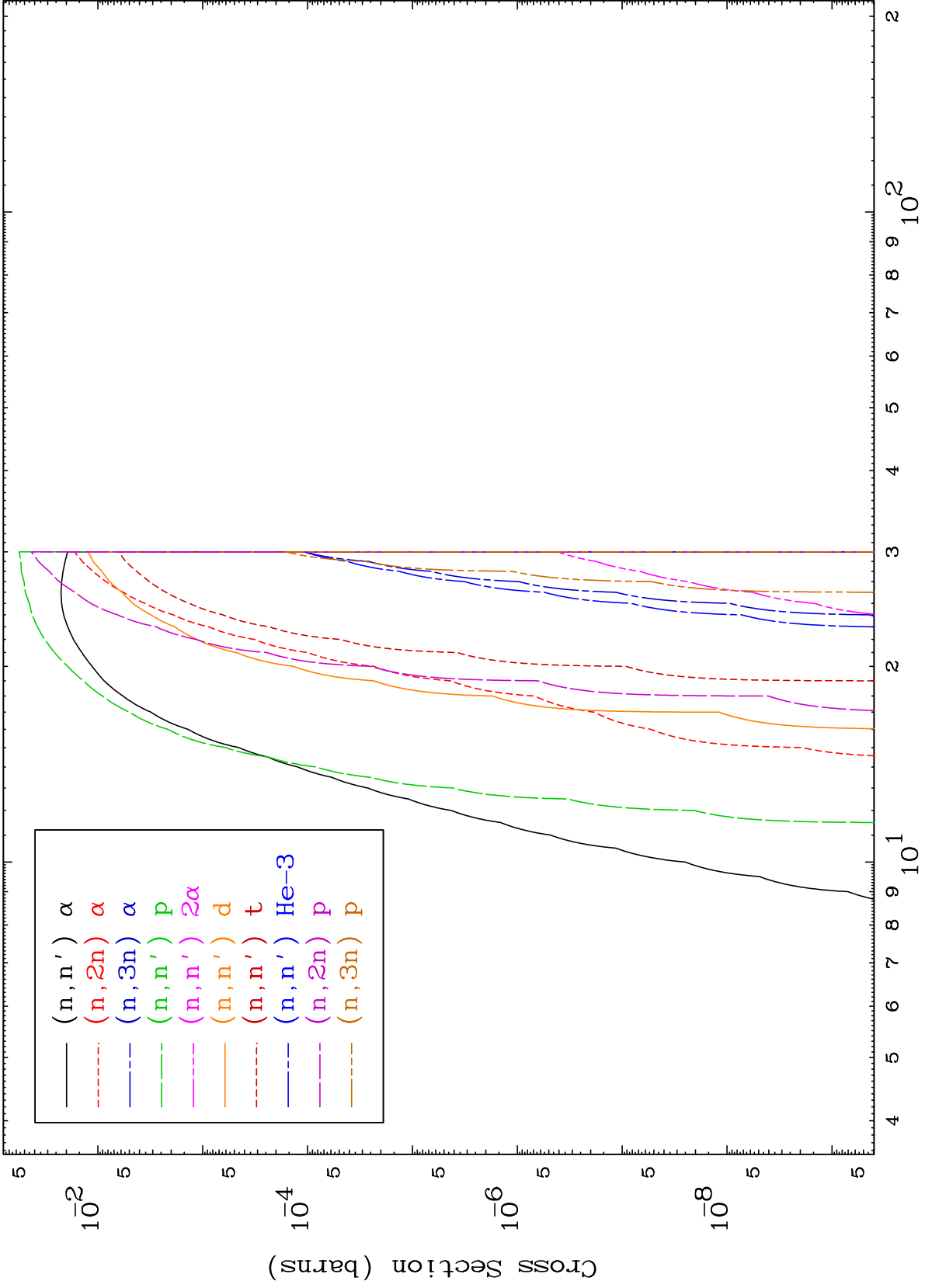
44-Ru-103



MAT 4446

Charged Particle
293 Kelvin Cross Sections

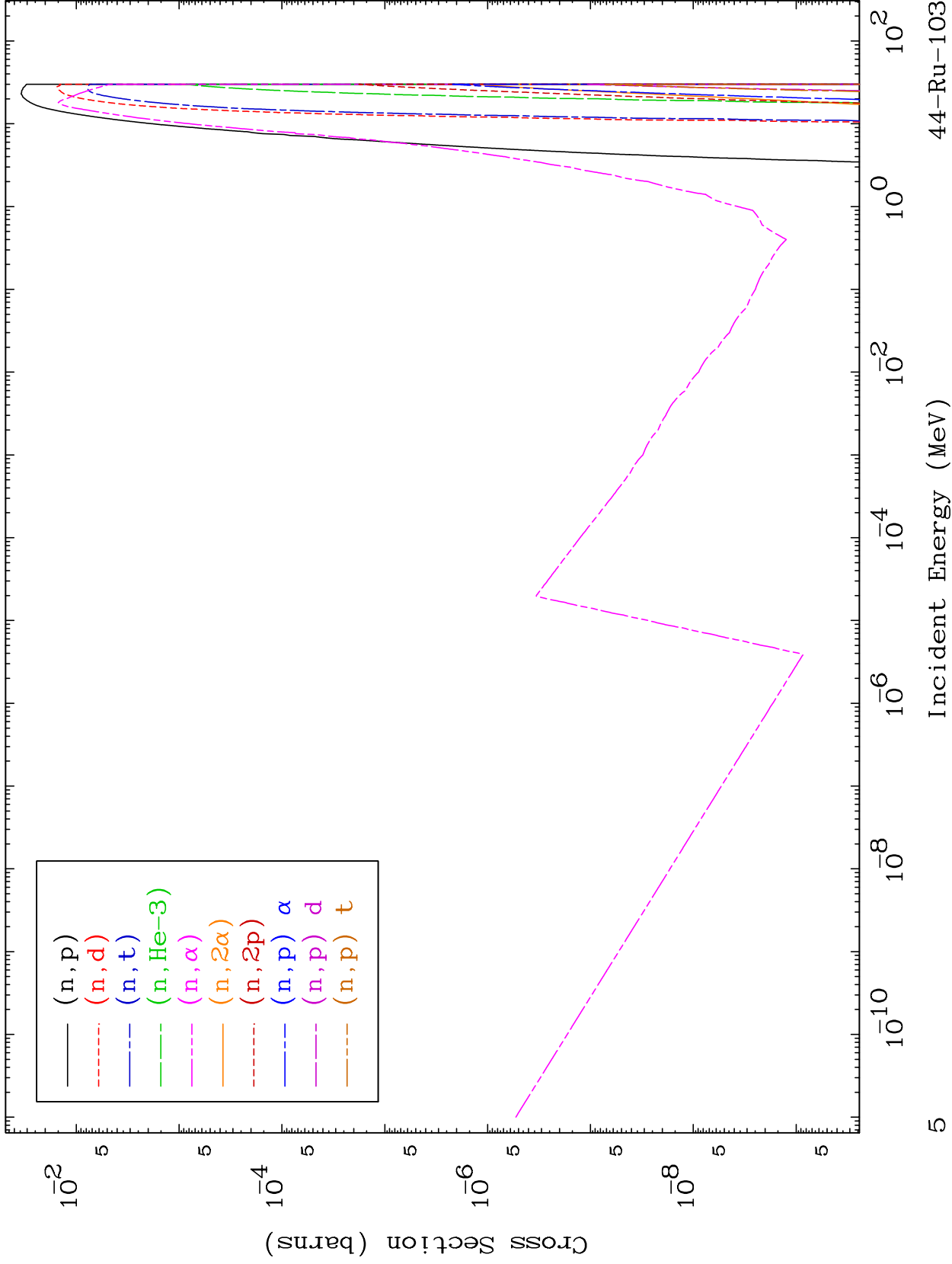
44-Ru-103



4

Incident Energy (MeV)

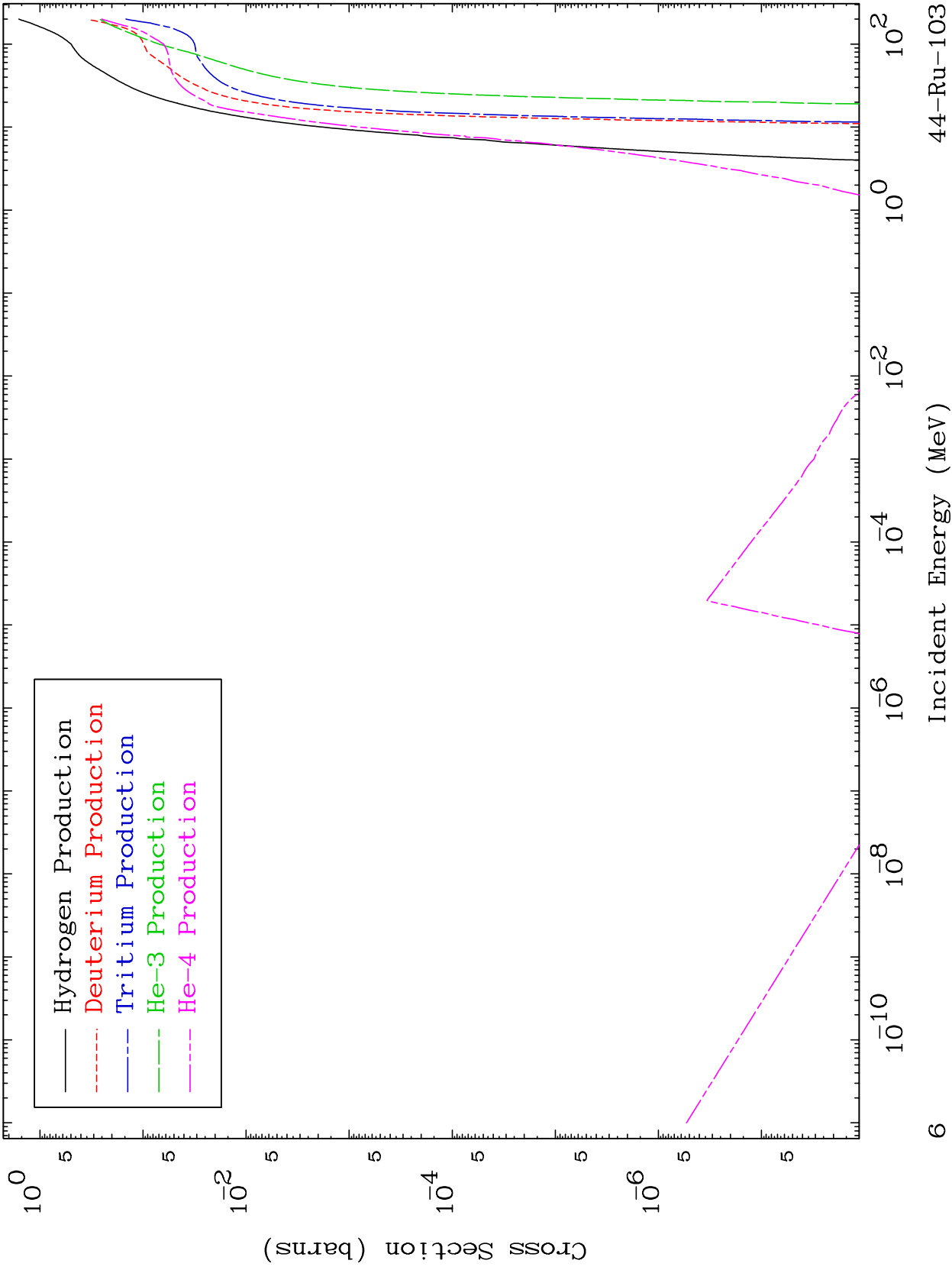
44-Ru-103



MAT 4446

Particle Production
293 Kelvin Cross Sections

44-Ru-103

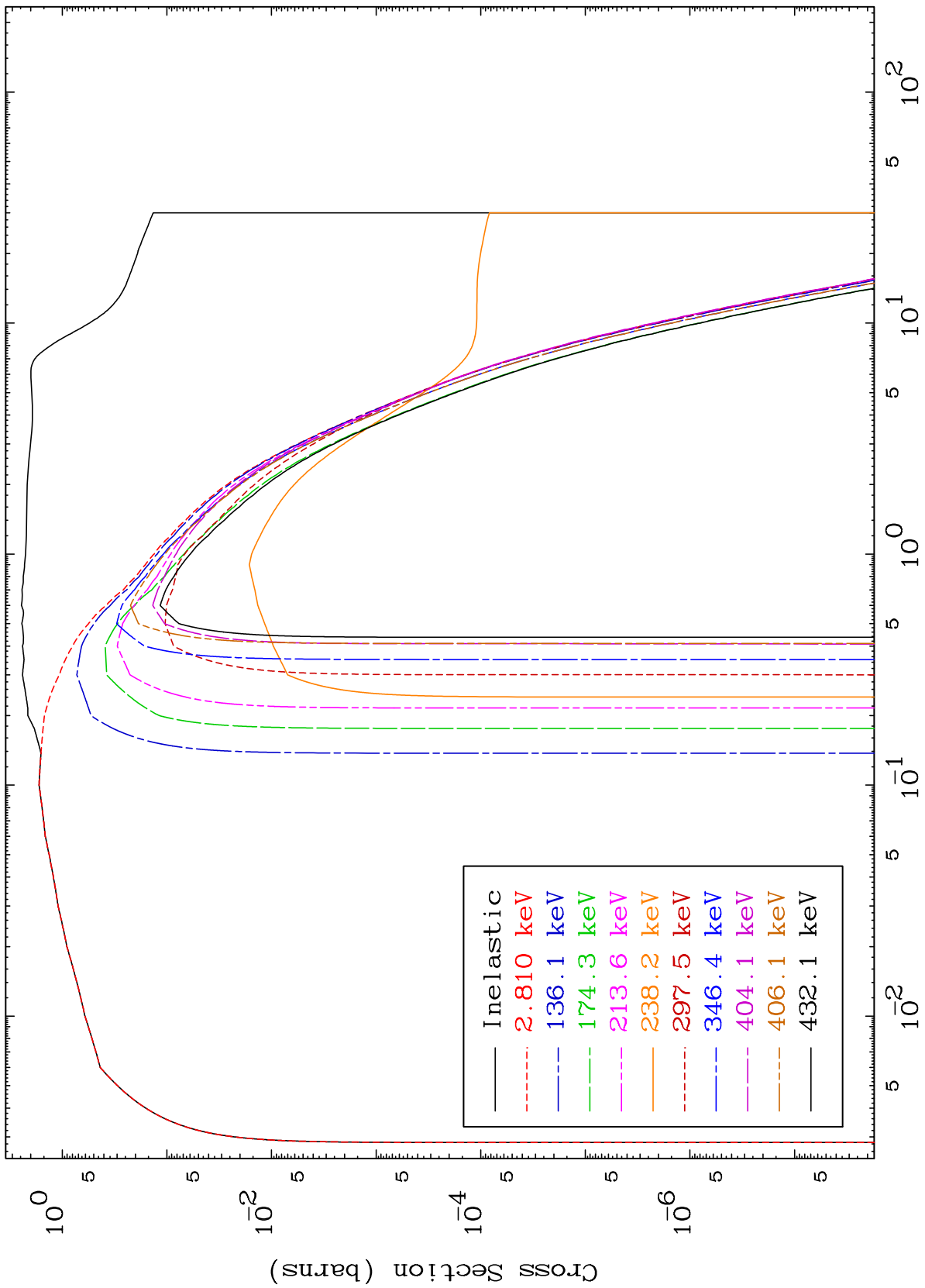


MAT 4446

(n,n') Level

44-Ru-103

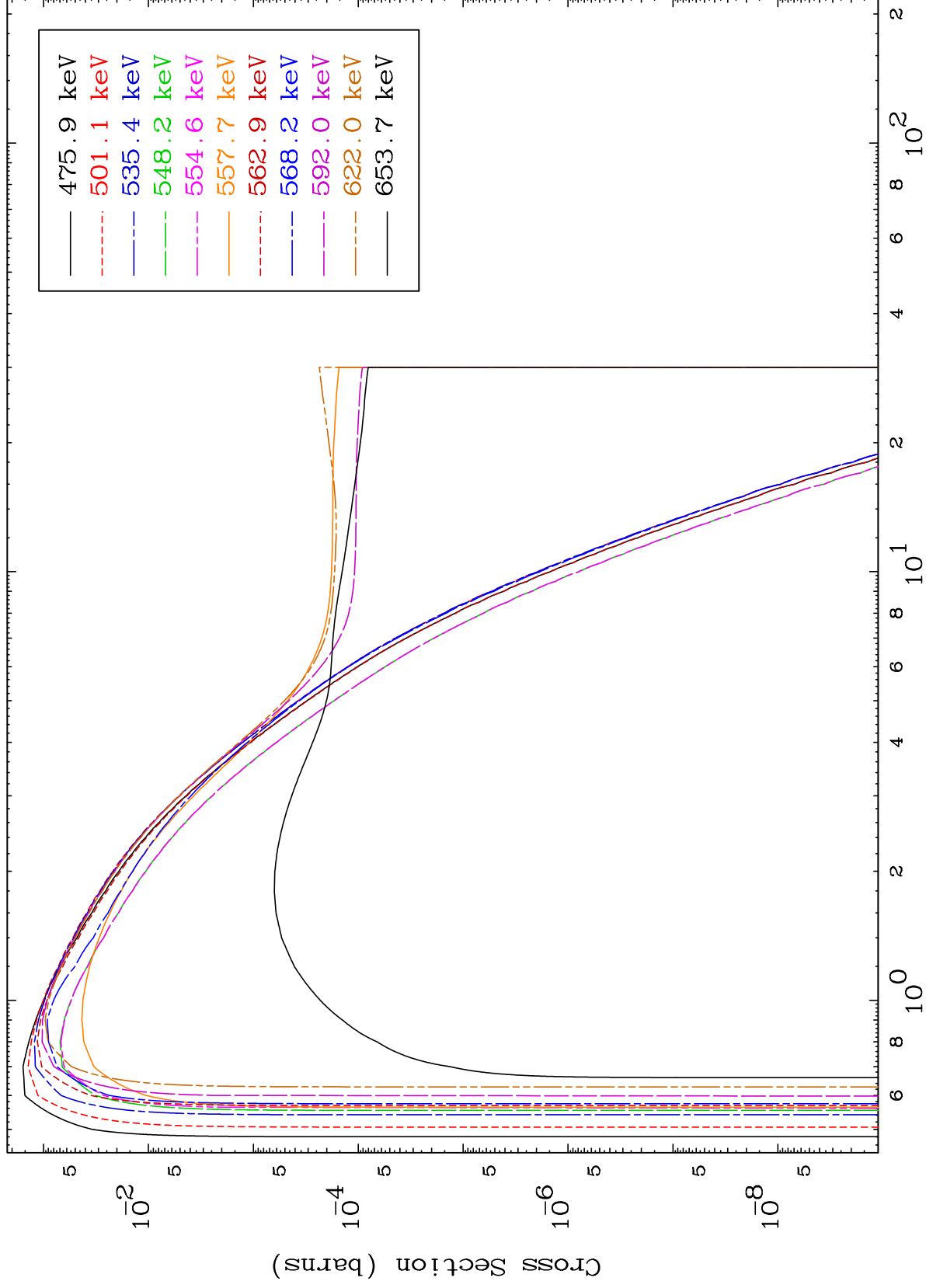
293 Kelvin Cross Sections



MAT 4446

(n,n') Level
293 Kelvin Cross Sections

44-Ru-103



8

Incident Energy (MeV)

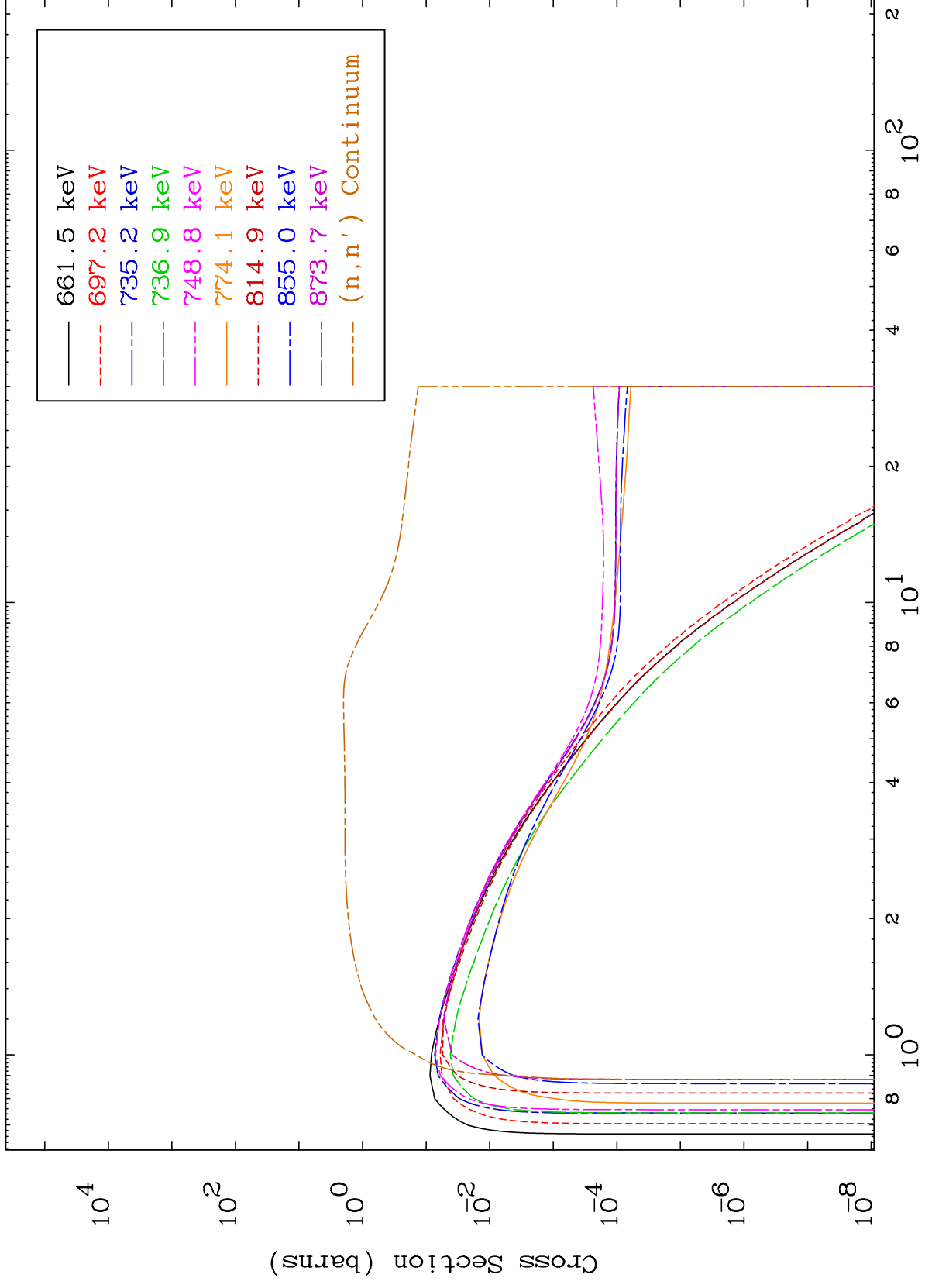
44-Ru-103

MAT 4446

(n,n') Level

44-Ru-103

293 Kelvin Cross Sections



9

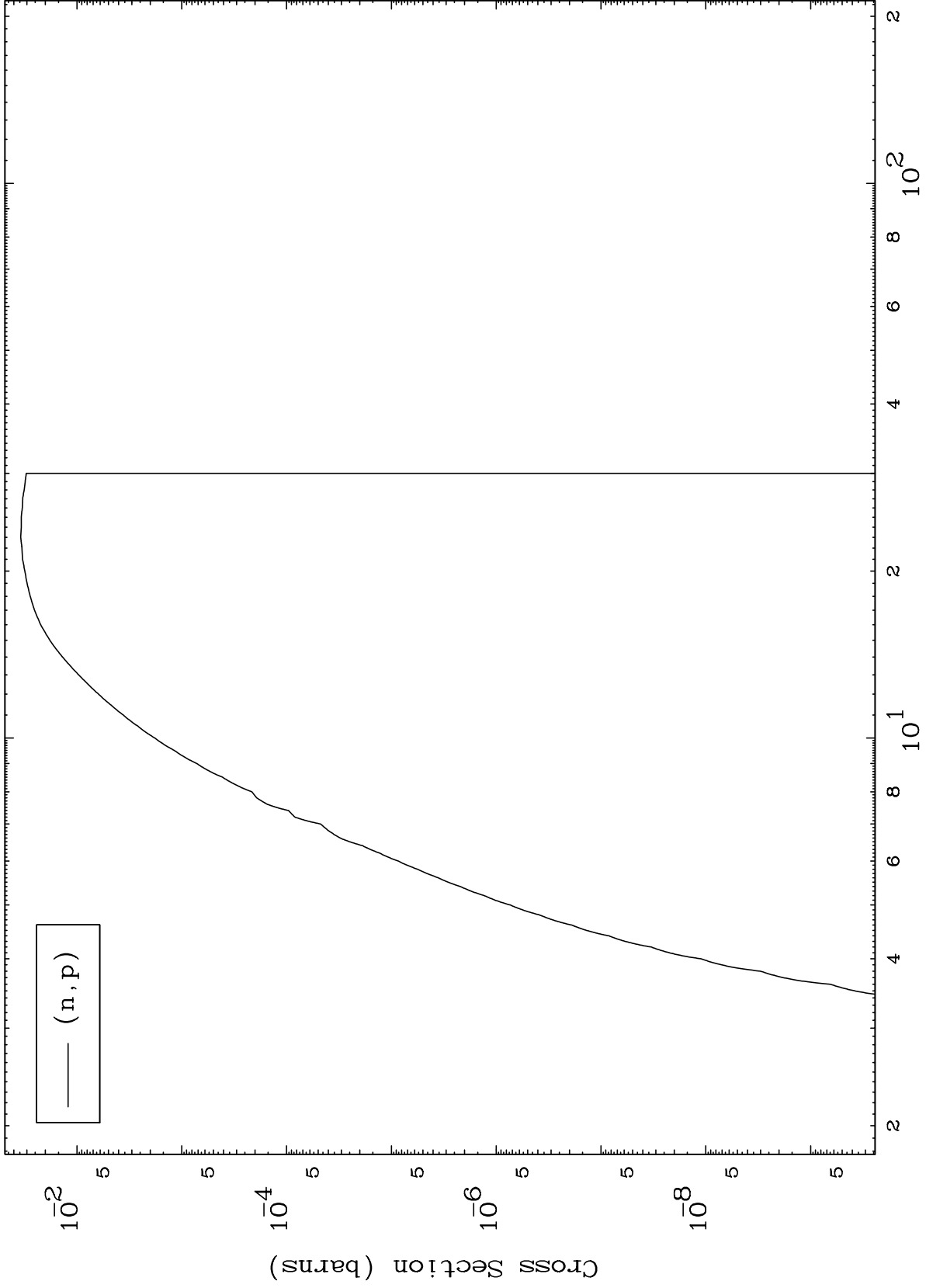
Incident Energy (MeV)

44-Ru-103

MAT 4446

(n,p) Levels
293 Kelvin Cross Sections

44-Ru-103



10

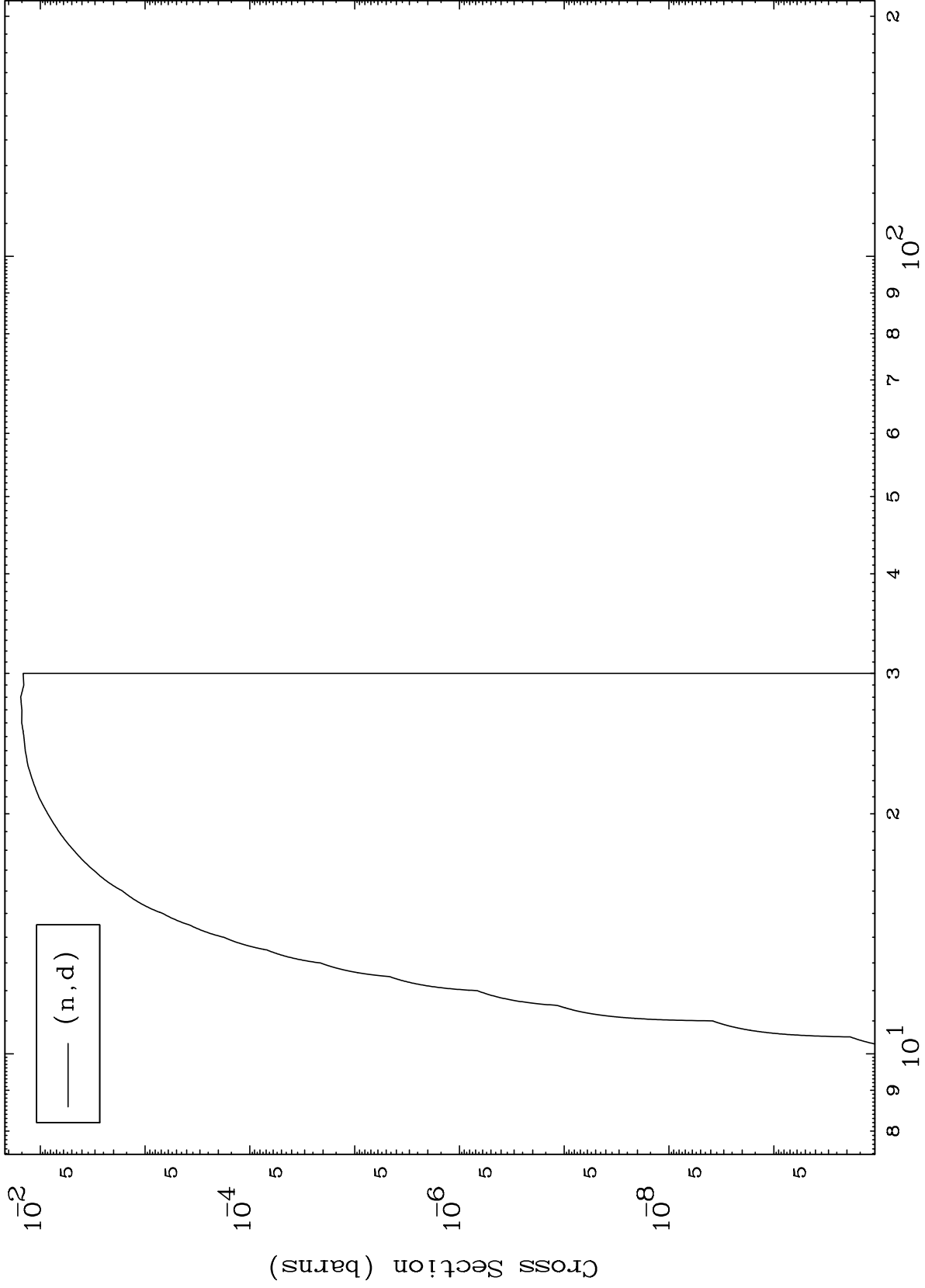
Incident Energy (MeV)

44-Ru-103

MAT 4446

(n,d) Levels
293 Kelvin Cross Sections

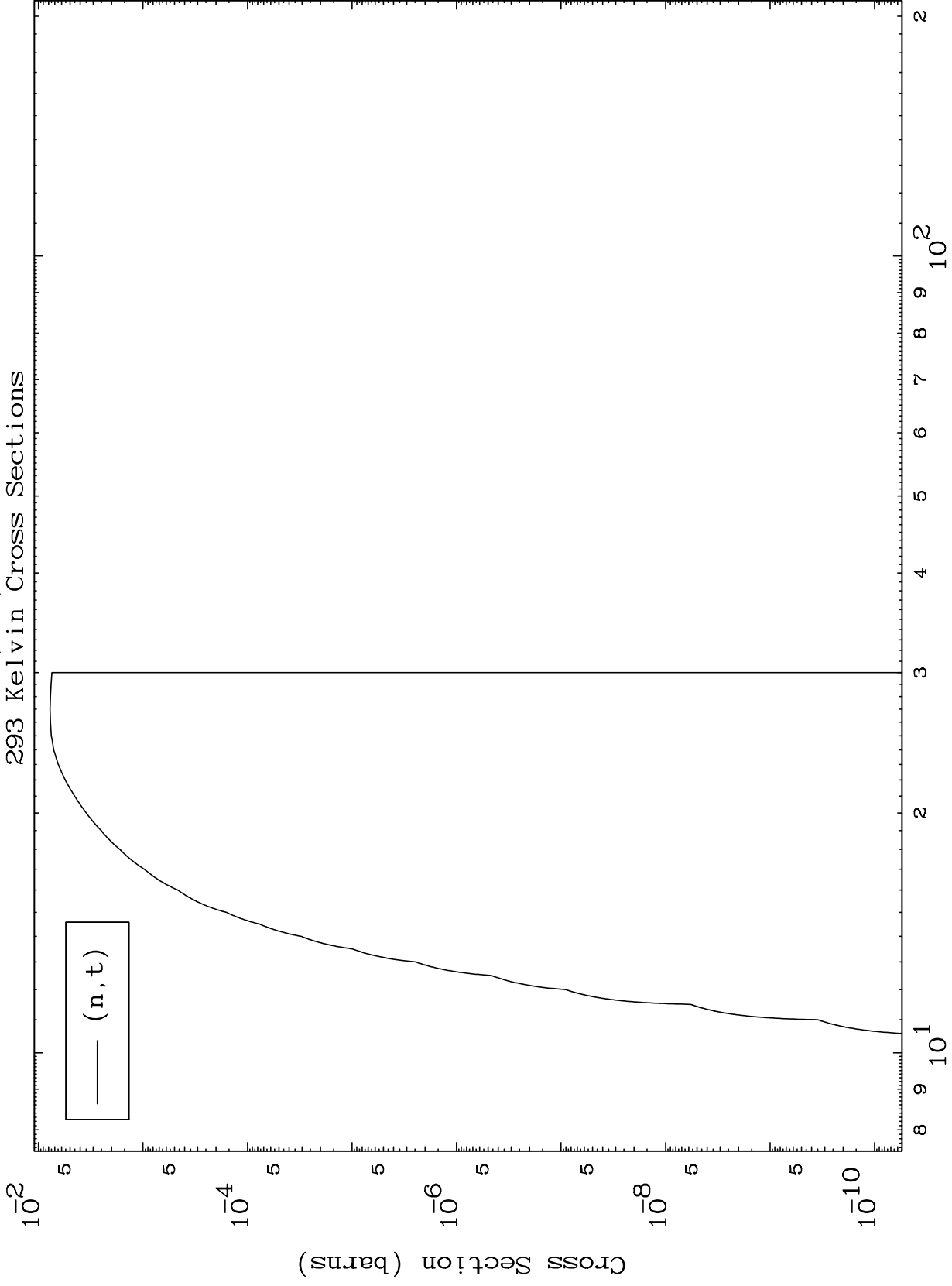
44-Ru-103



MAT 4446

(n,t) Levels
293 Kelvin Cross Sections

44-Ru-103



12

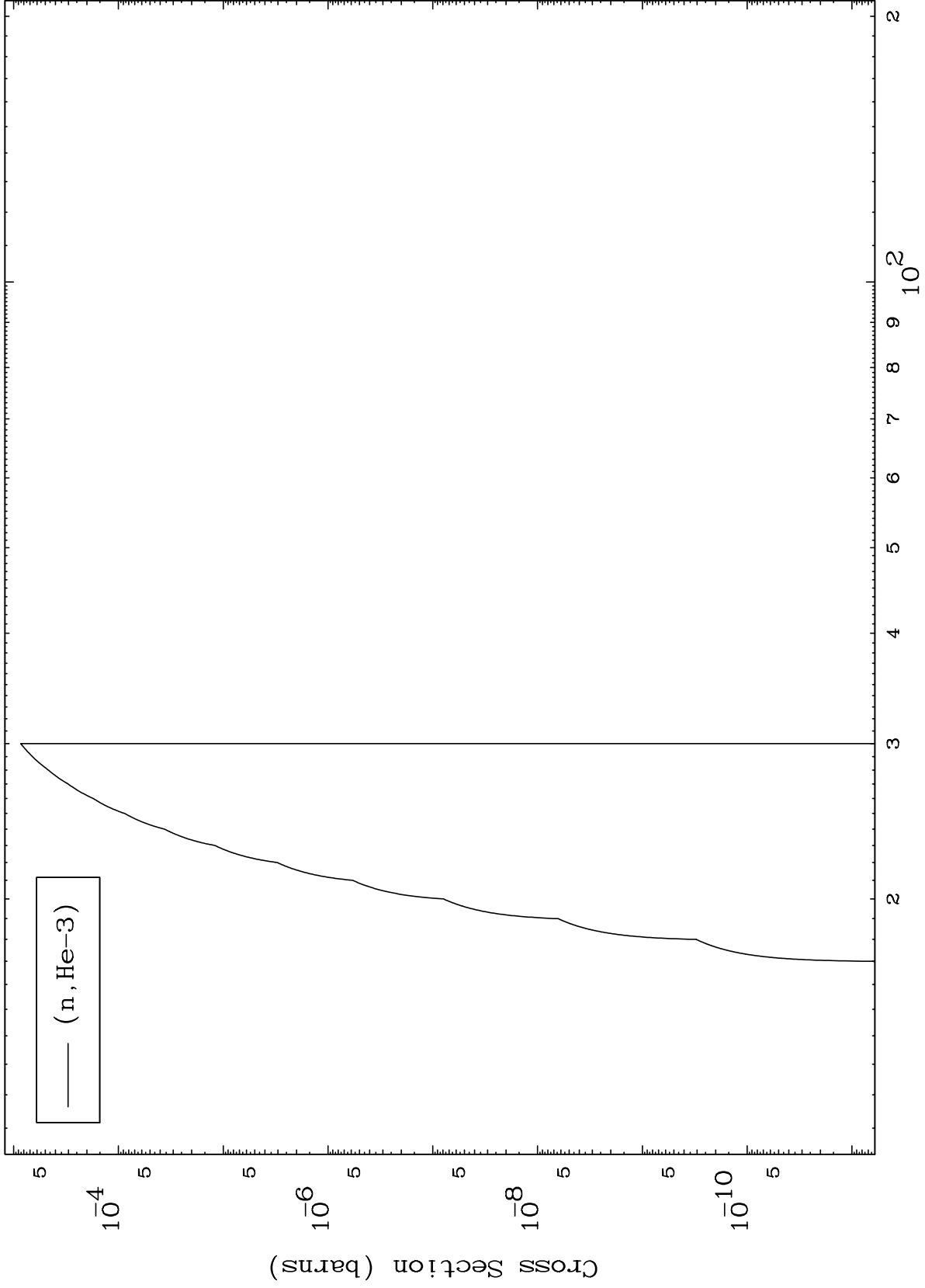
Incident Energy (MeV)

44-Ru-103

MAT 4446

(n,He3) Levels
293 Kelvin Cross Sections

44-Ru-103



13

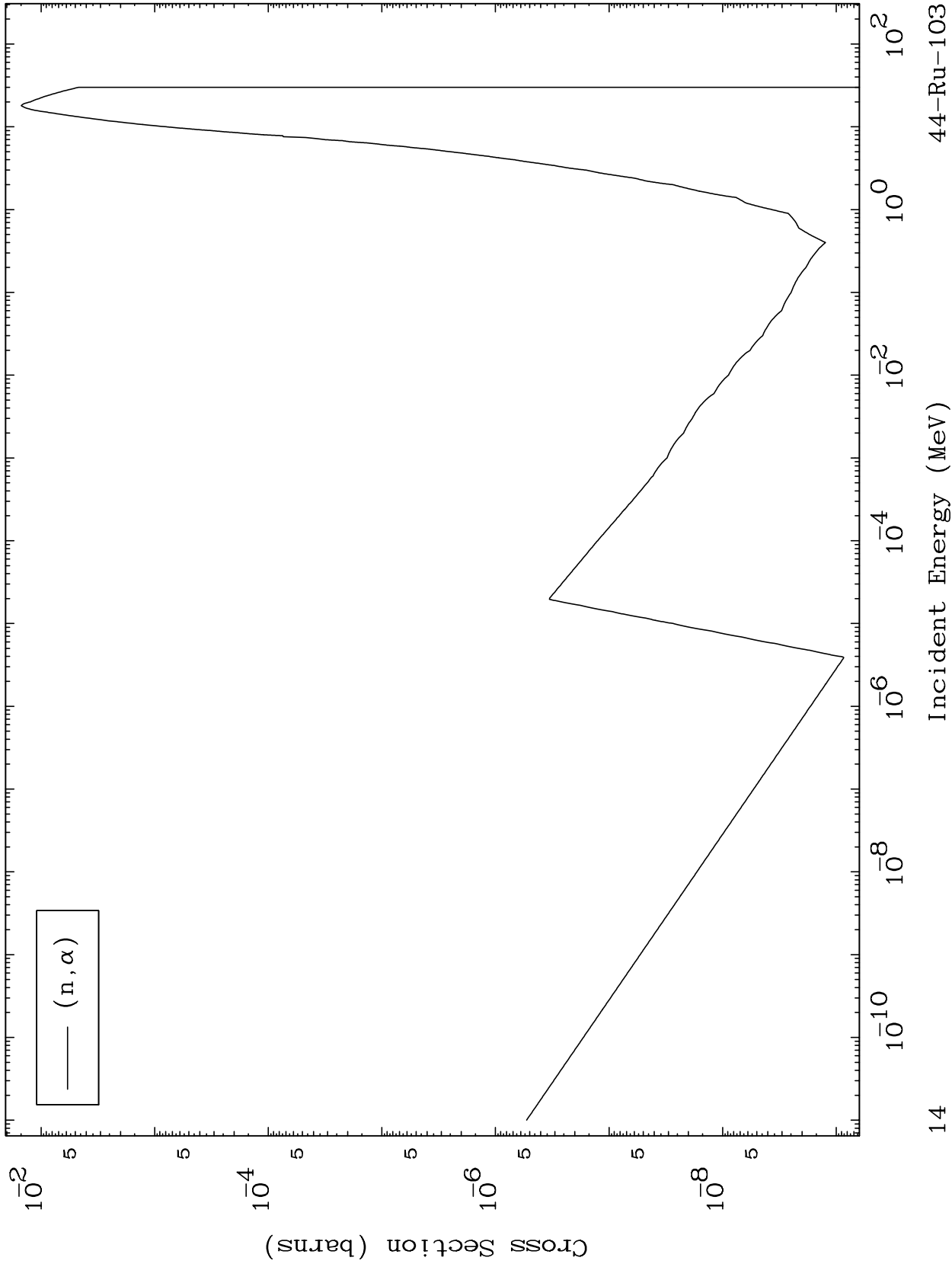
Incident Energy (MeV)

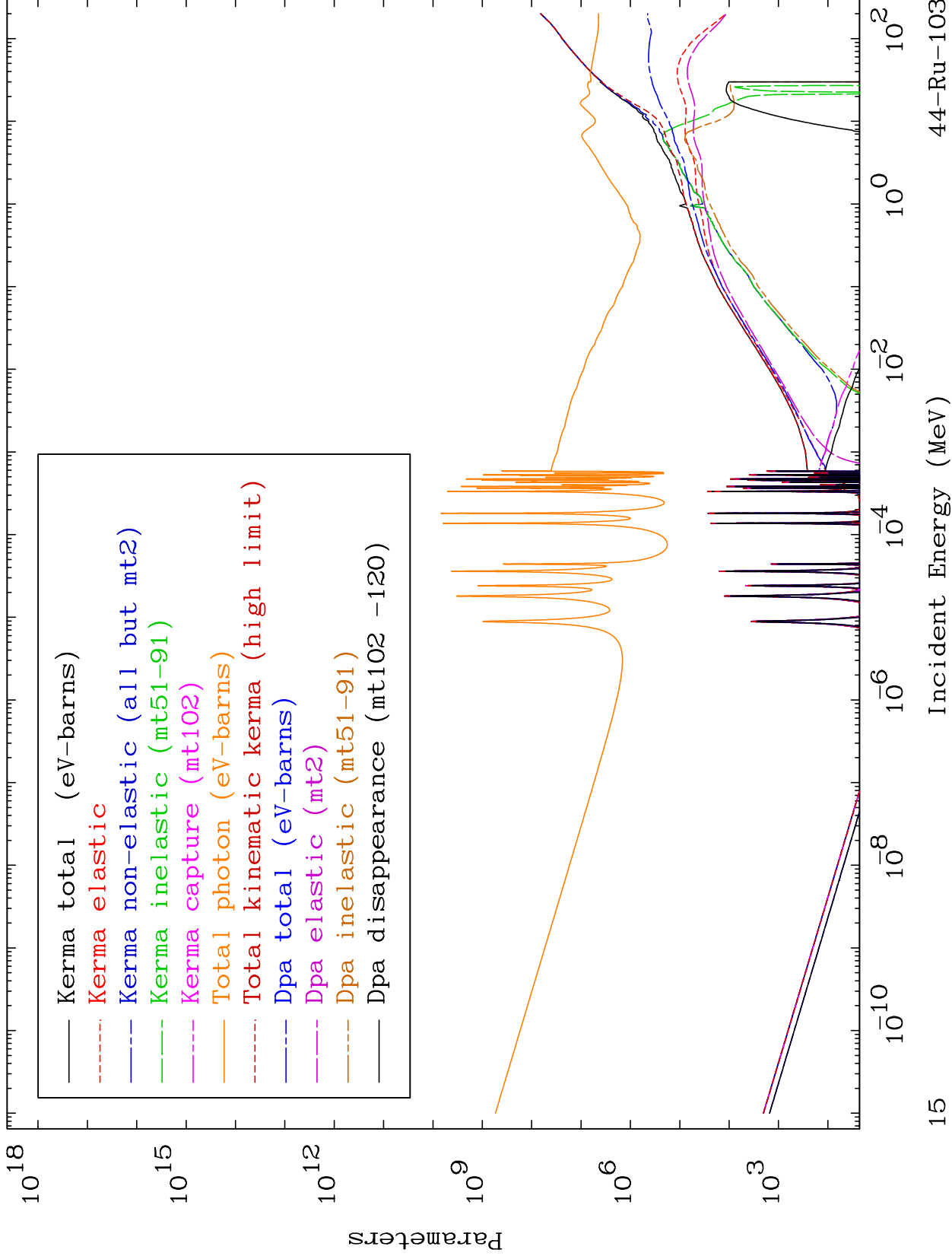
44-Ru-103

MAT 4446

(n, α) Levels
293 Kelvin Cross Sections

44-Ru-103

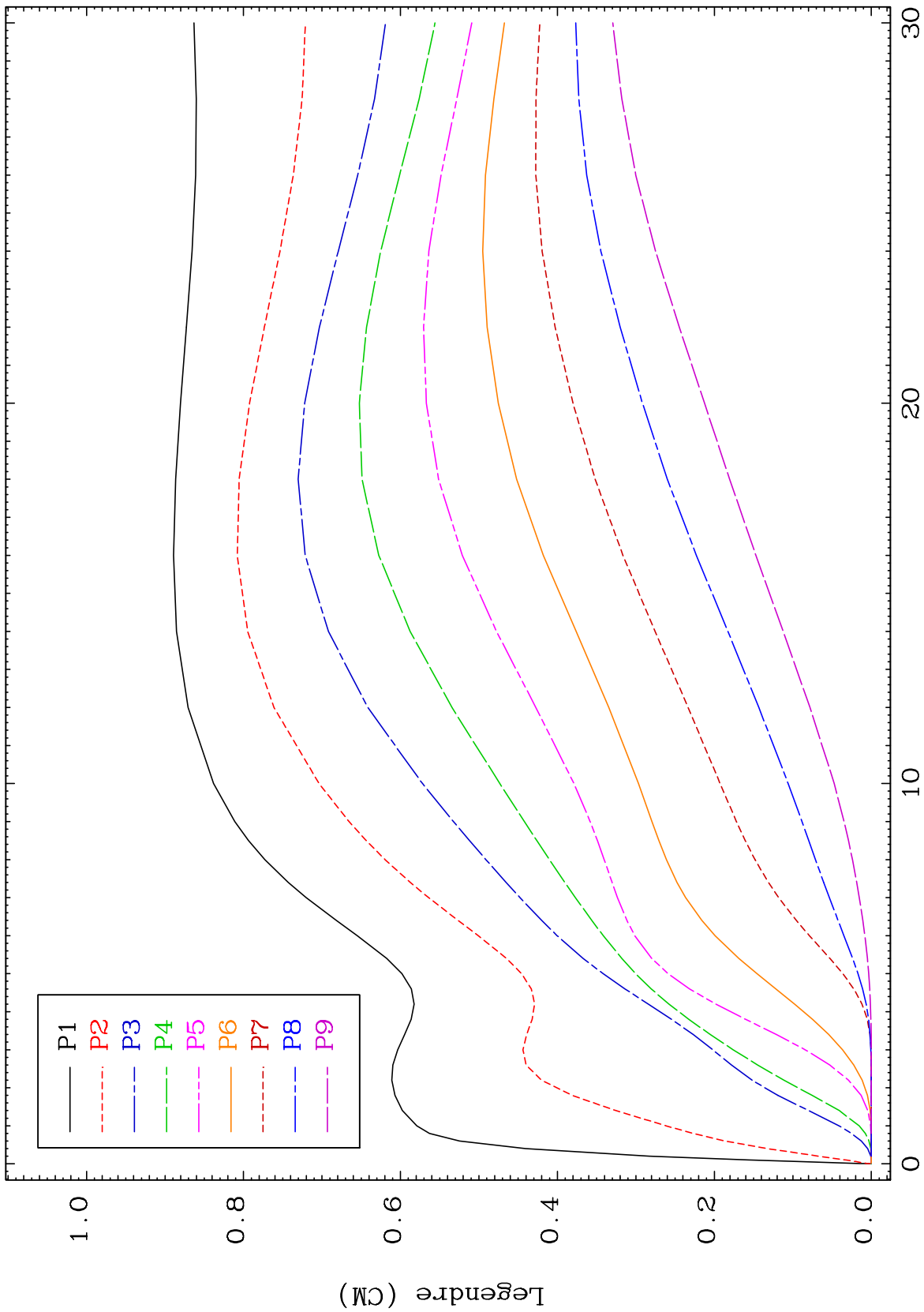




MAT 4446

Elastic Legendre Coefficients

44-Ru-103



16

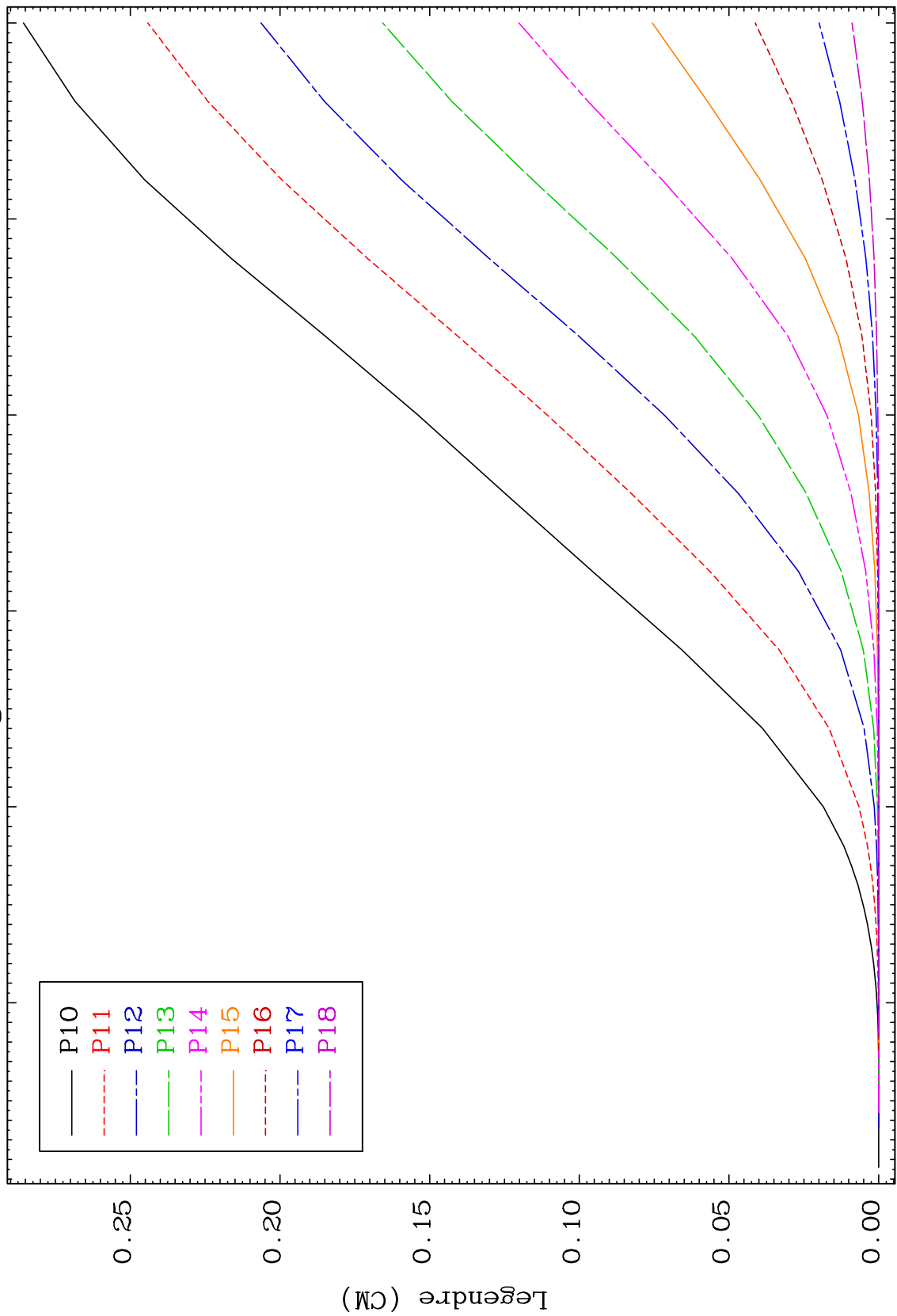
Incident Energy (MeV)

44-Ru-103

MAT 4446

Elastic
Legendre Coefficients

44-Ru-103



17

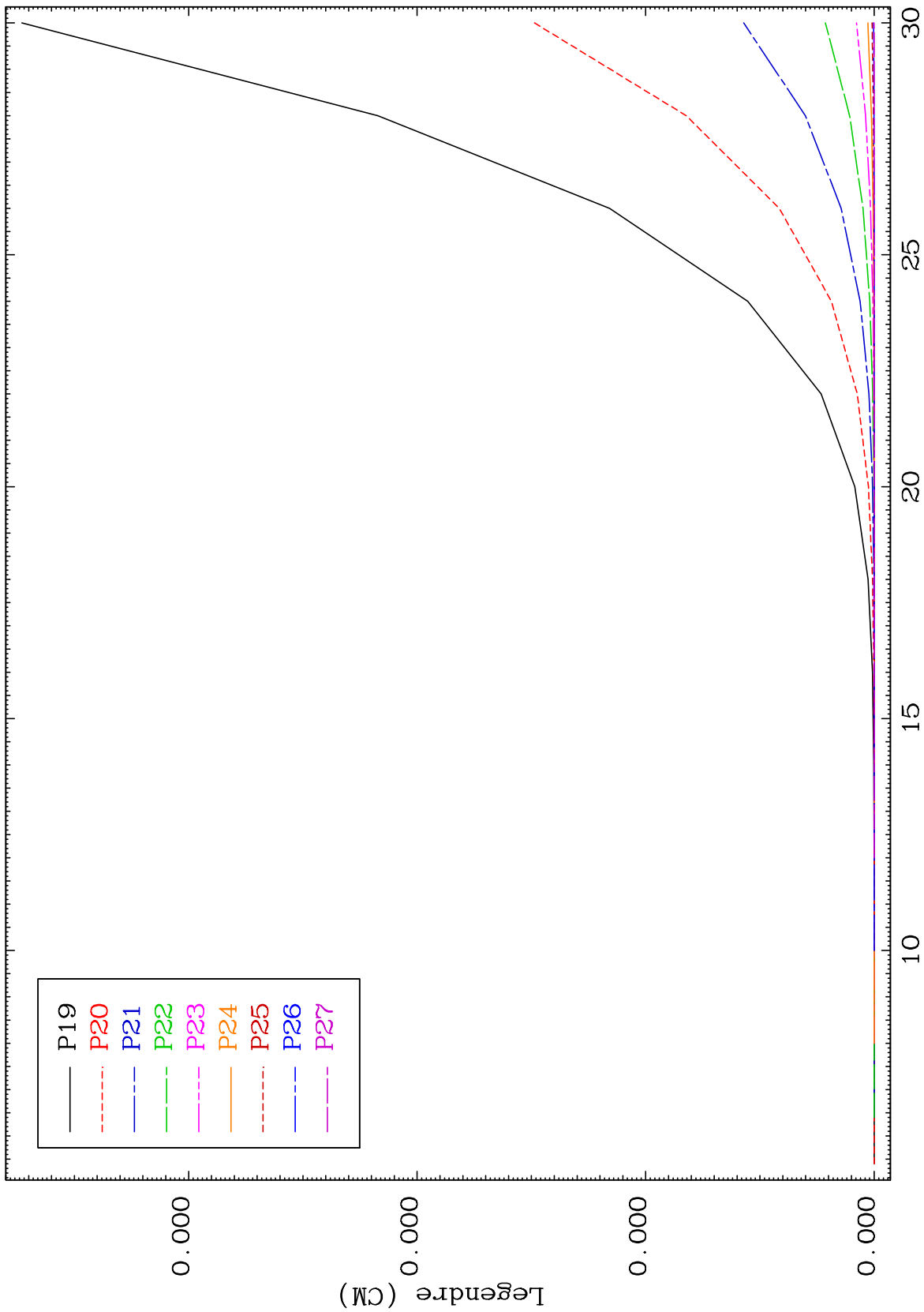
Incident Energy (MeV)

44-Ru-103

MAT 4446

Elastic Legendre Coefficients

44-Ru-103



18

Incident Energy (MeV)

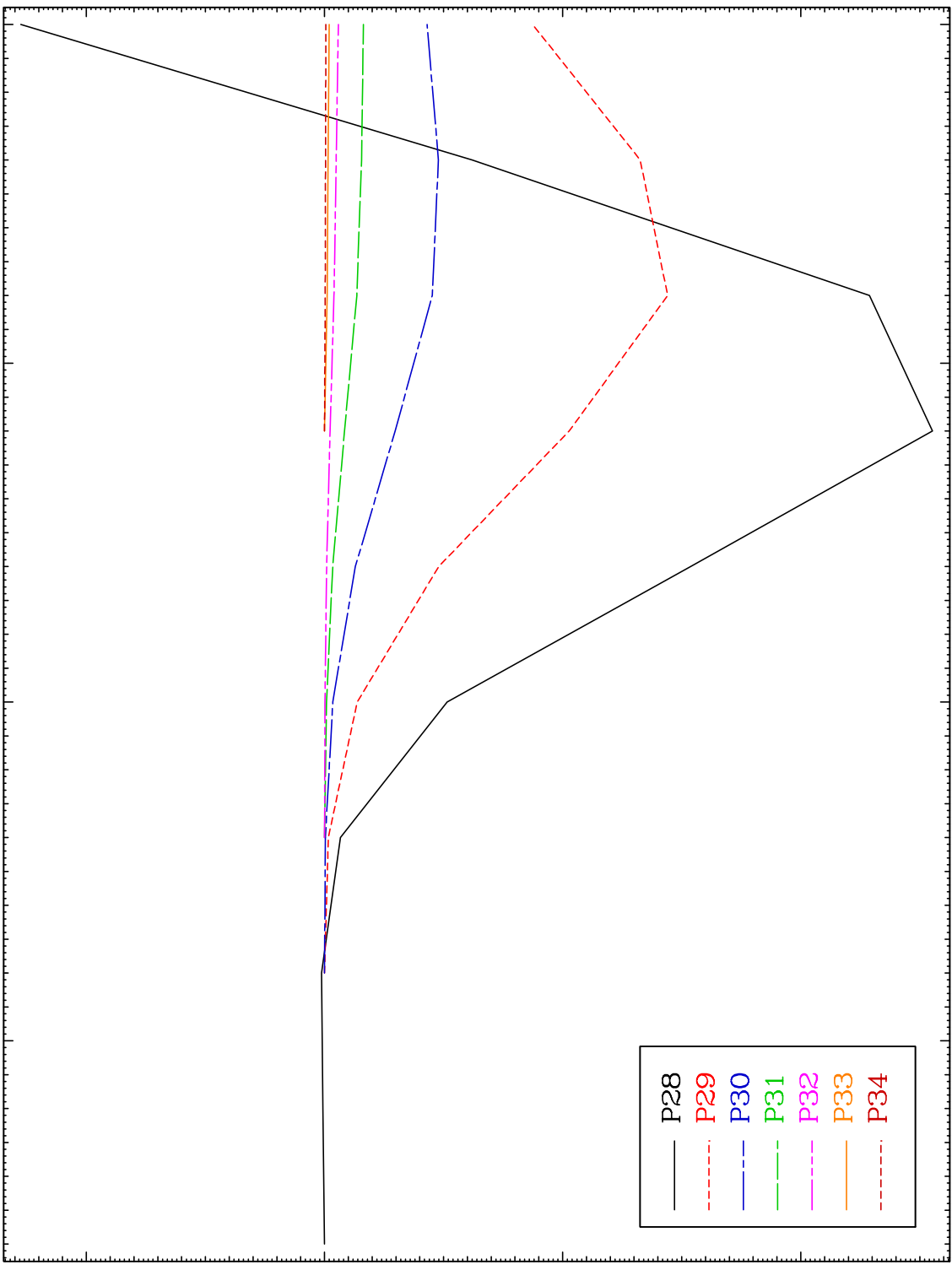
44-Ru-103

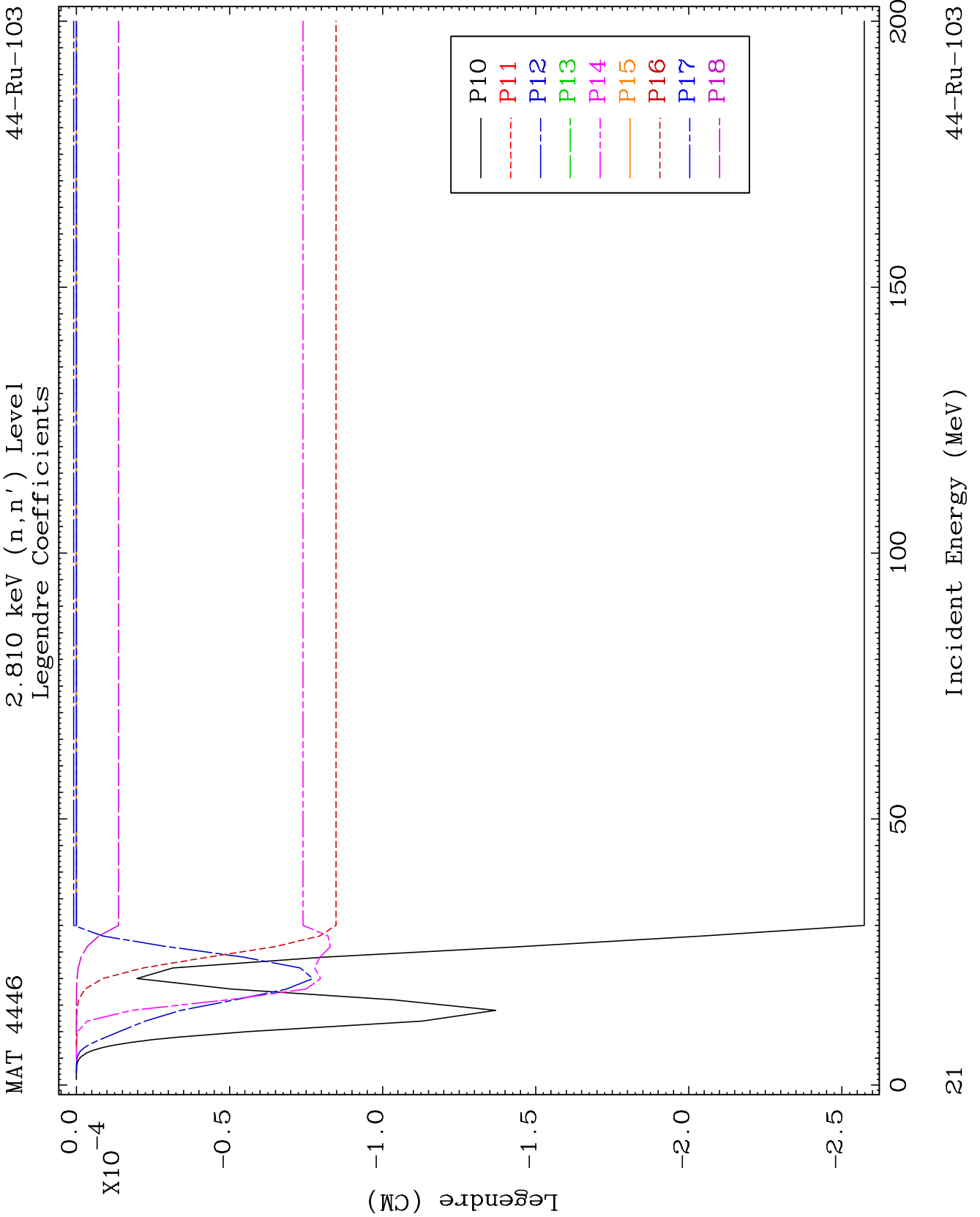
MAT 4446

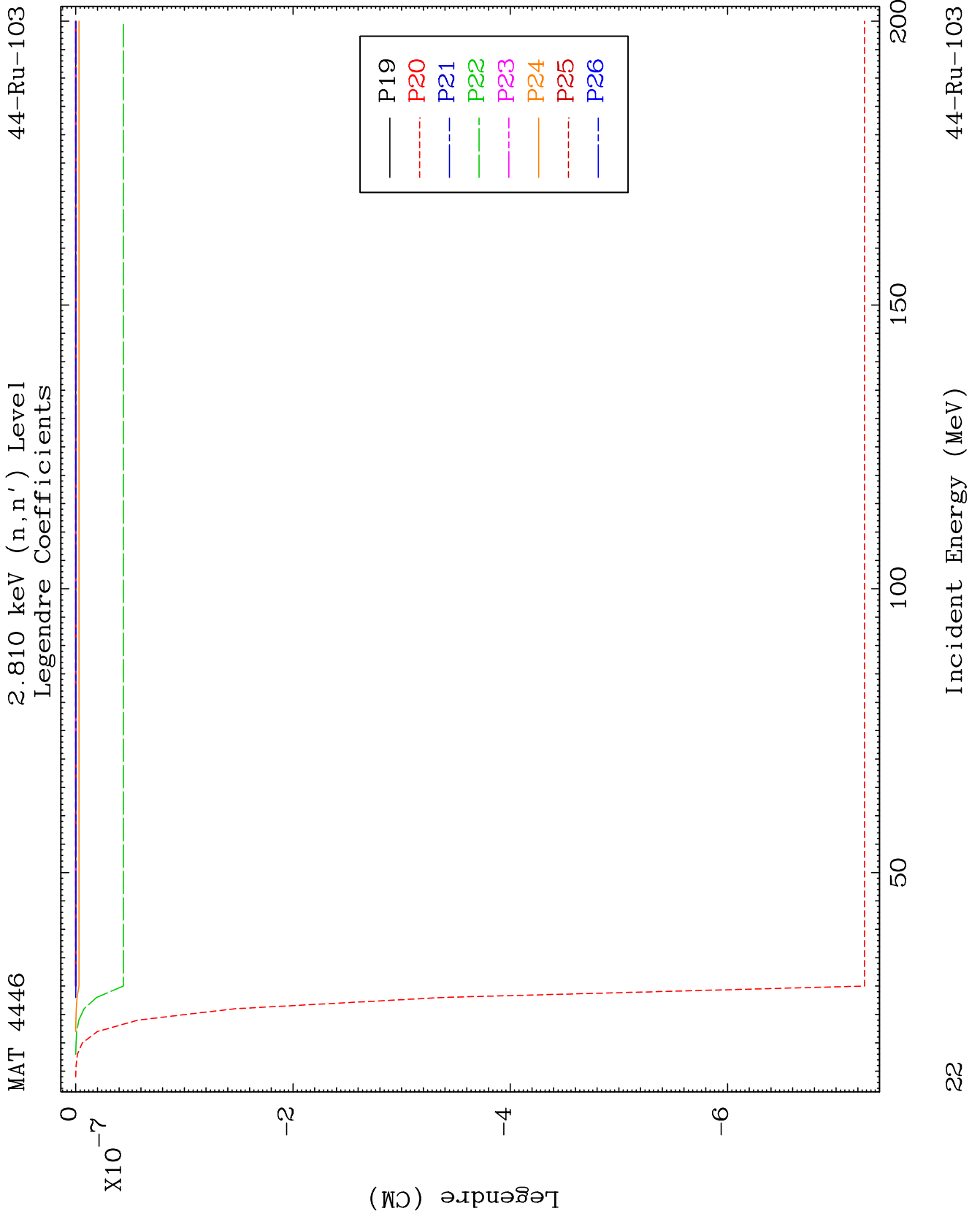
Elastic Legendre Coefficients

44-Ru-103

$\times 10^{-7}$
Legendre (CM)



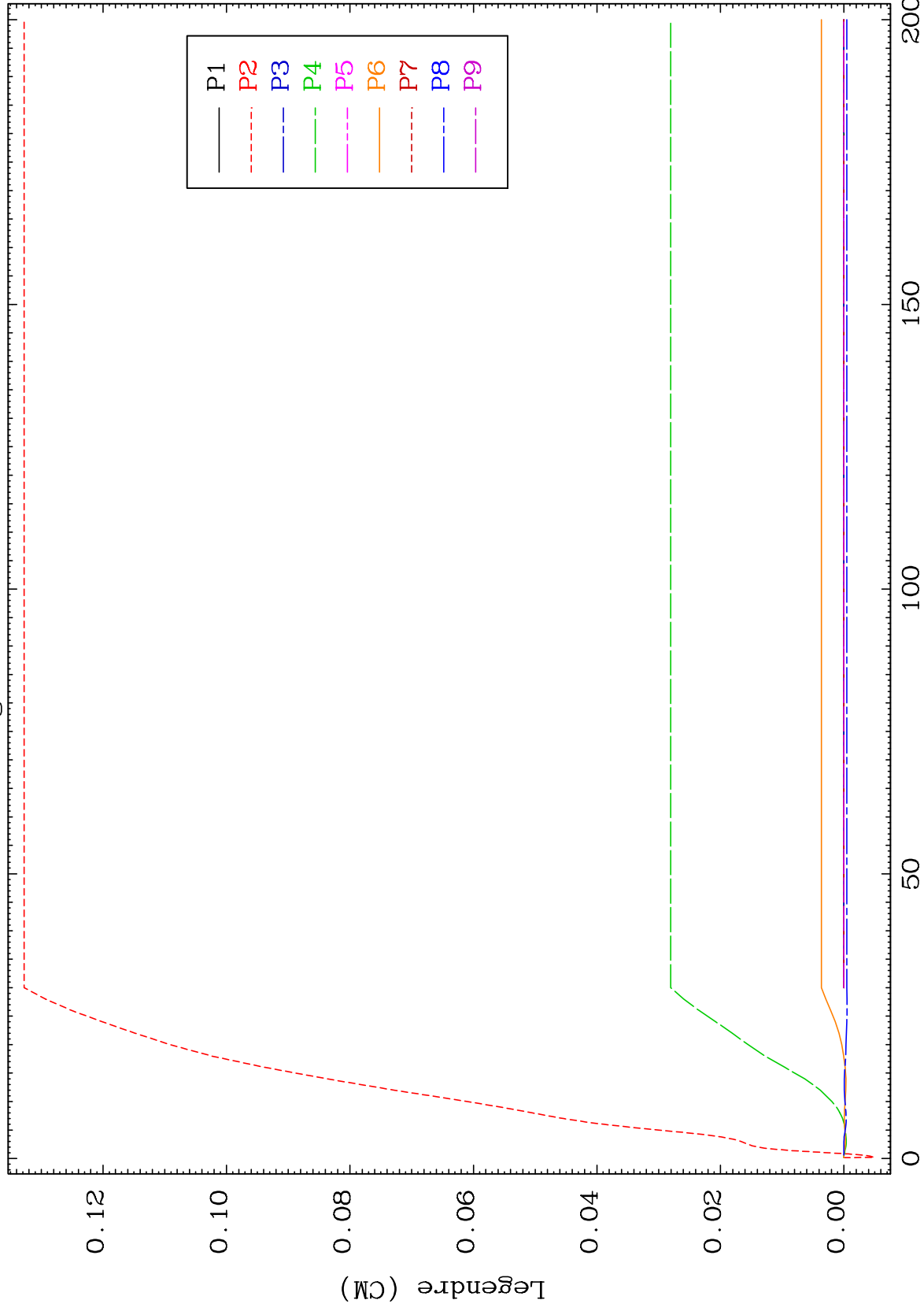




MAT 4446

136.1 keV (n,n') Level
Legendre Coefficients

44-Ru-103



23

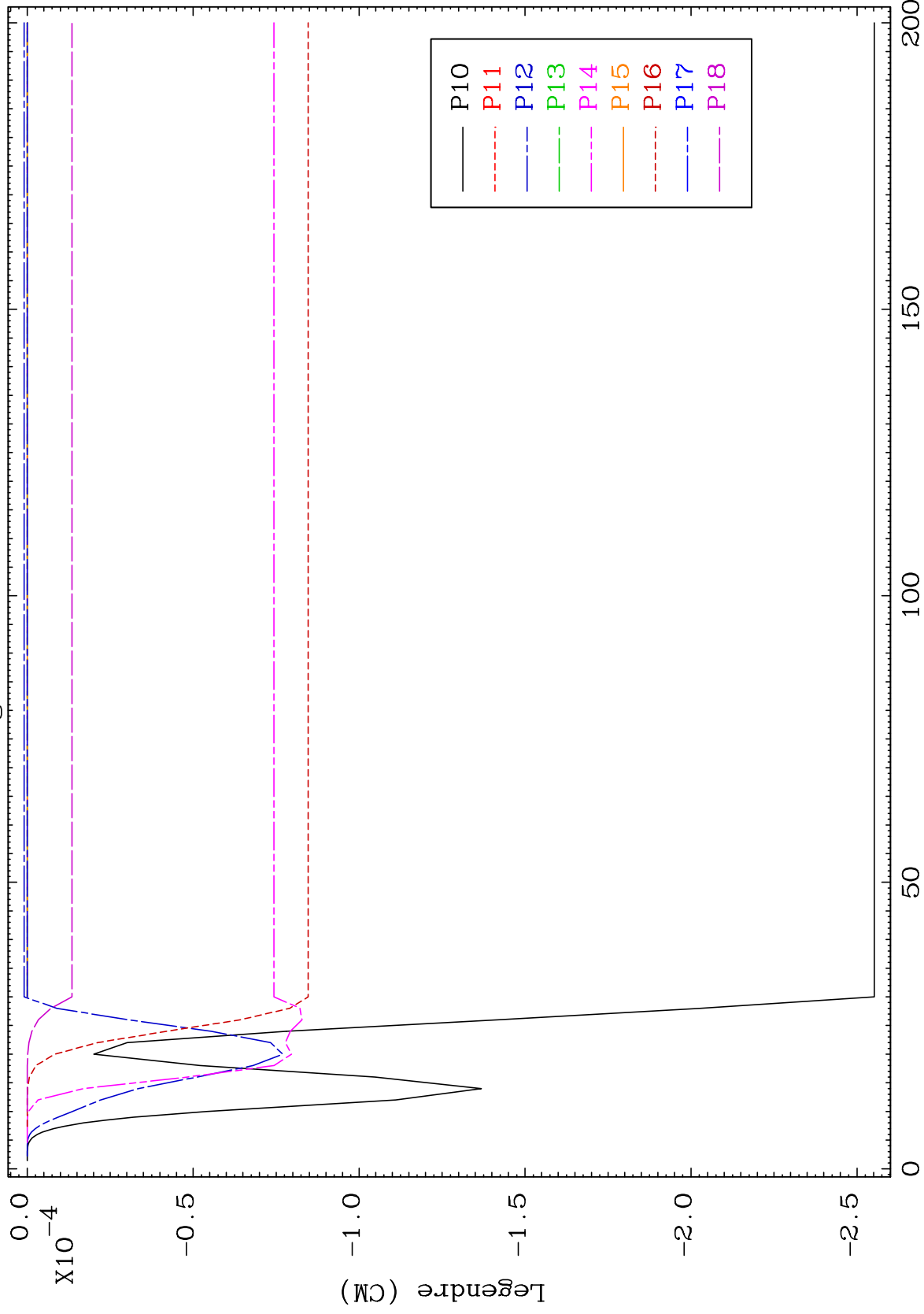
Incident Energy (MeV)

44-Ru-103

MAT 4446

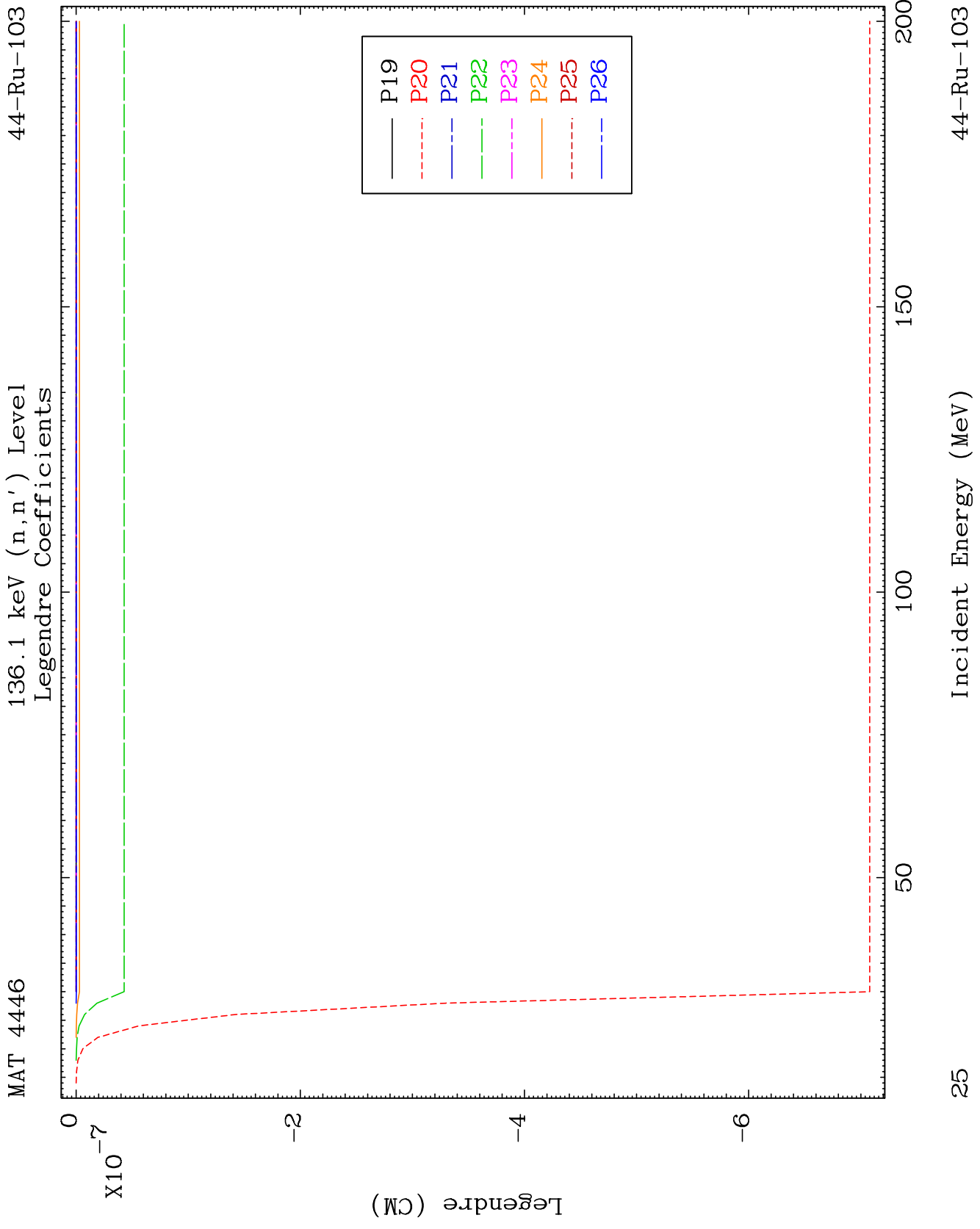
136.1 keV (n,n') Level
Legendre Coefficients

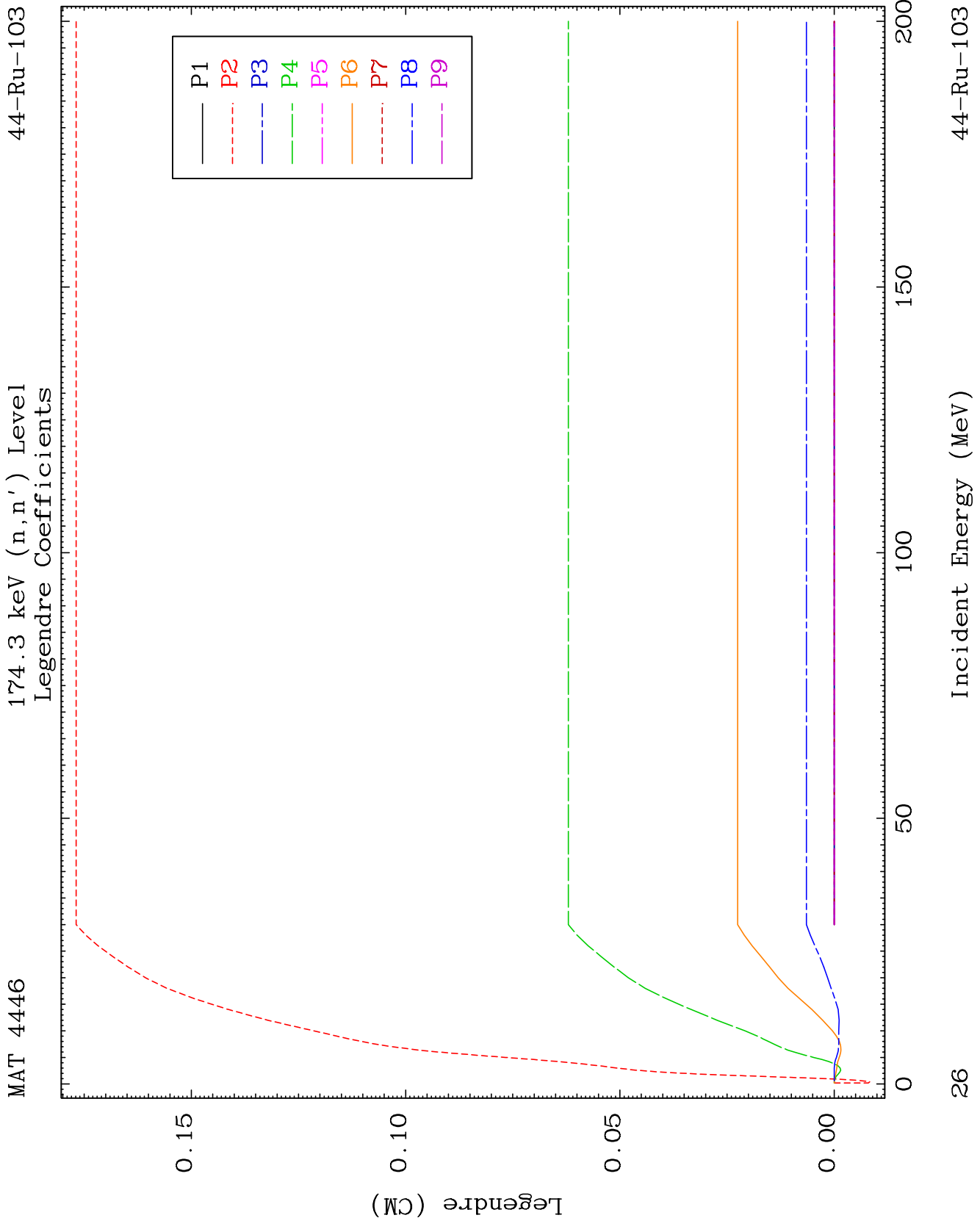
44-Ru-103

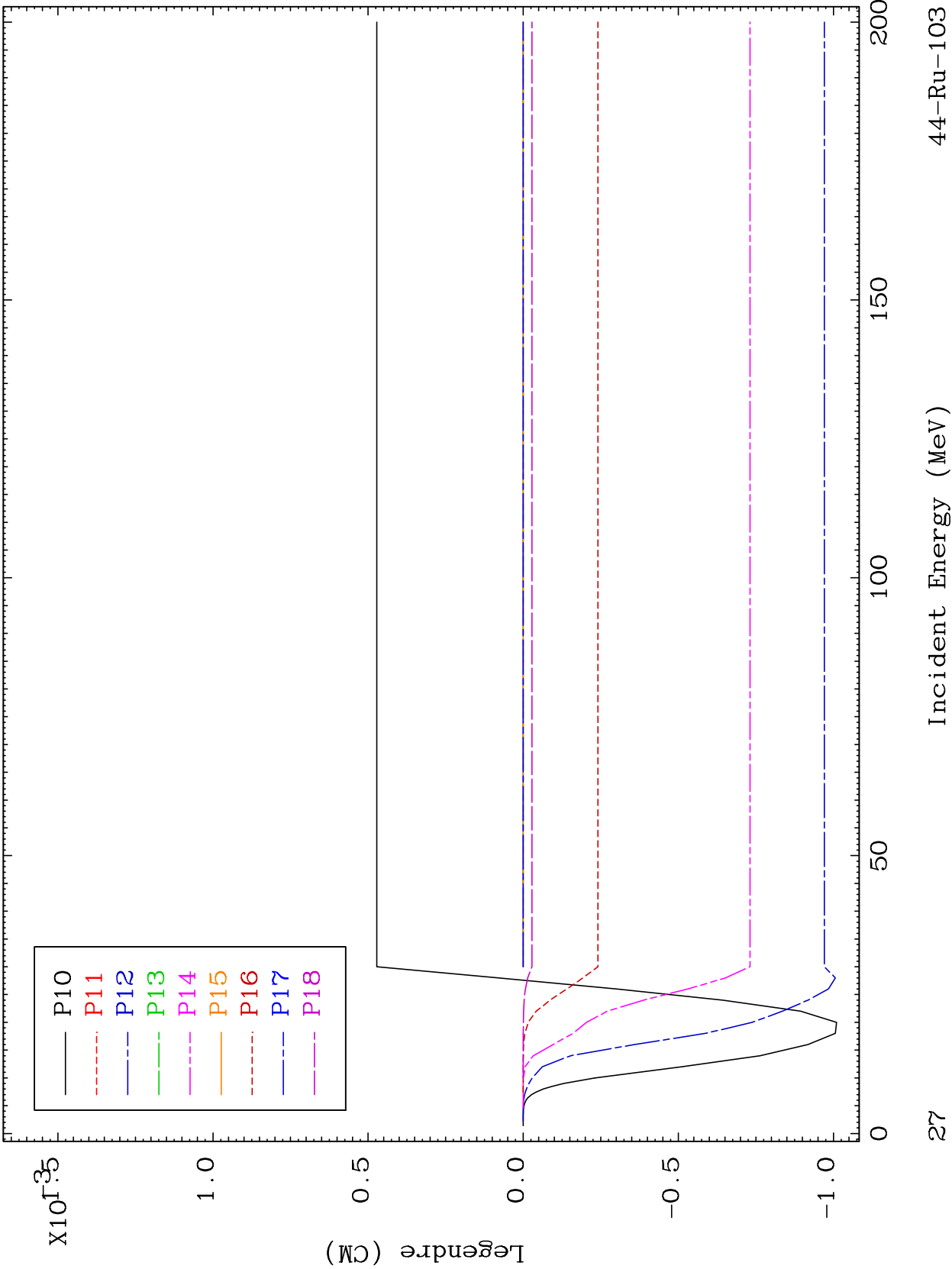


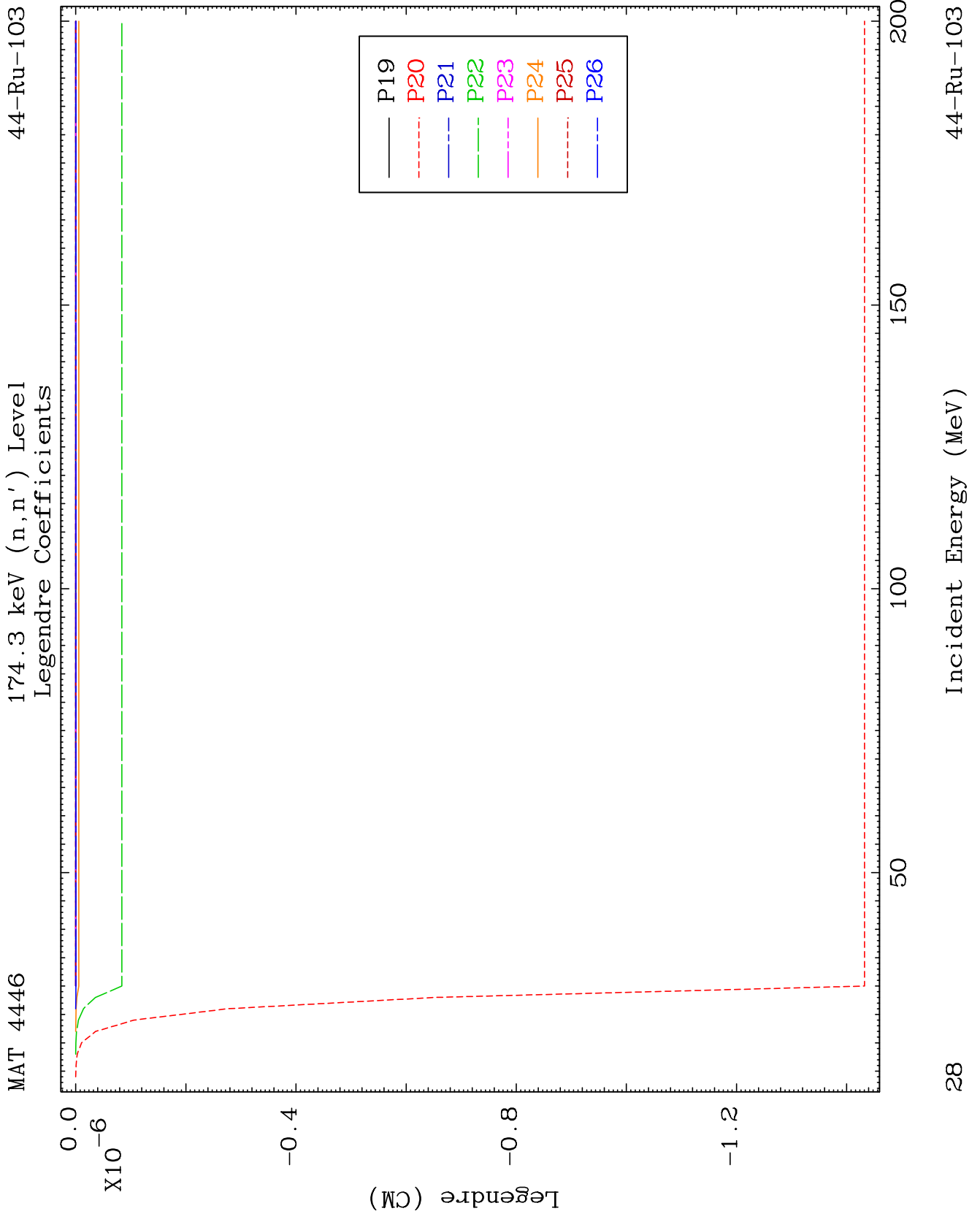
24

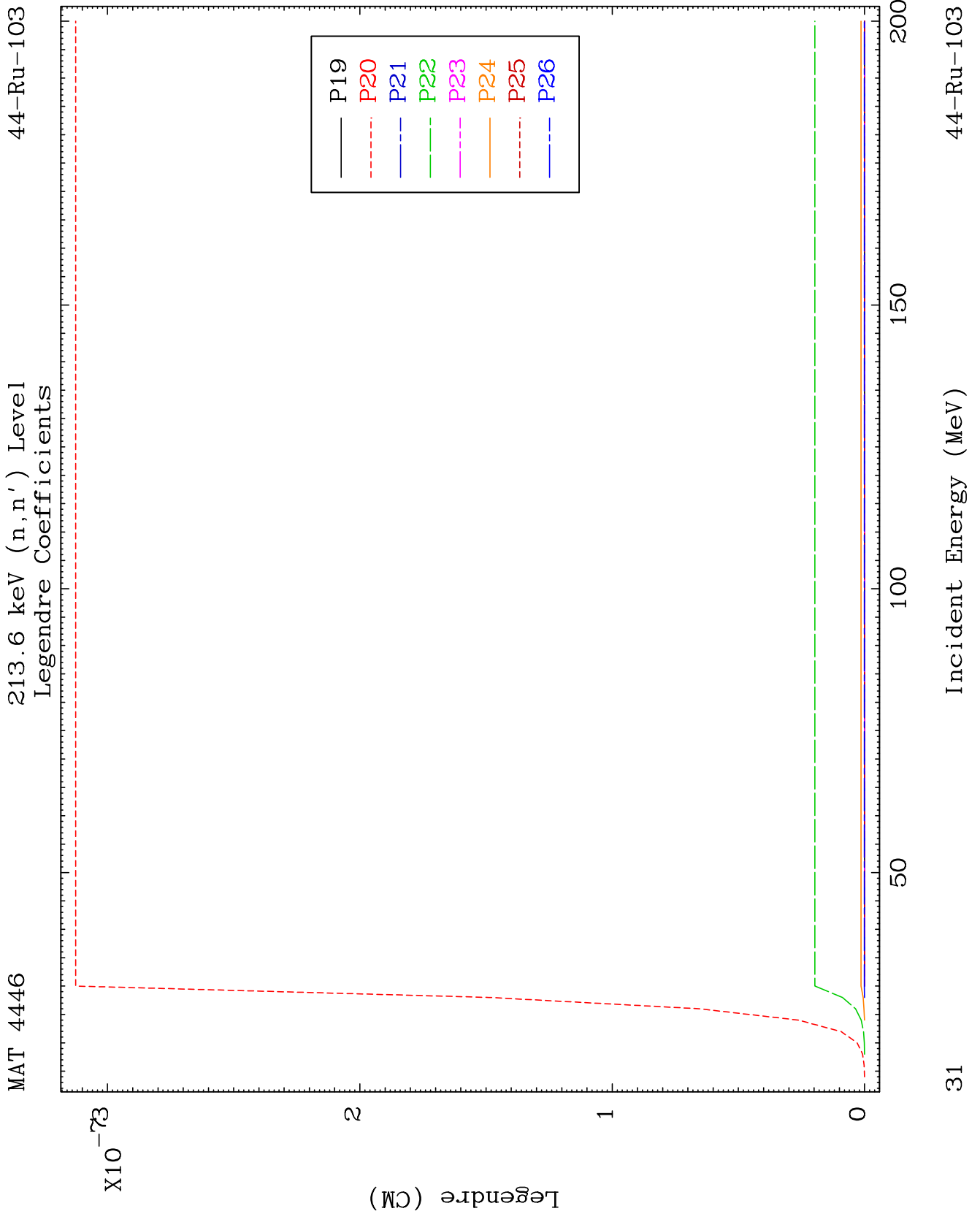
44-Ru-103







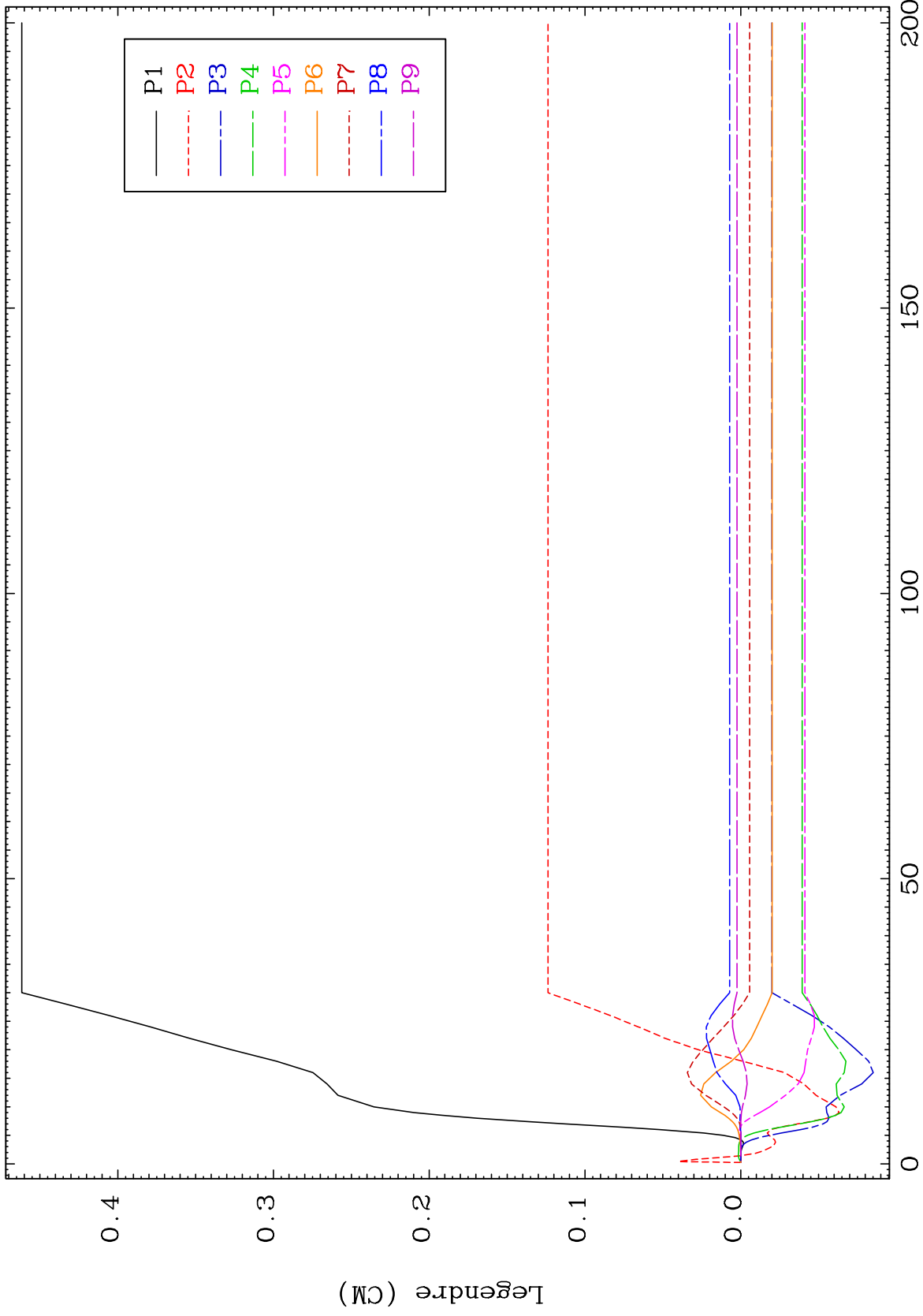




MAT 4446

238.2 keV (n,n') Level
Legendre Coefficients

44-Ru-103



32

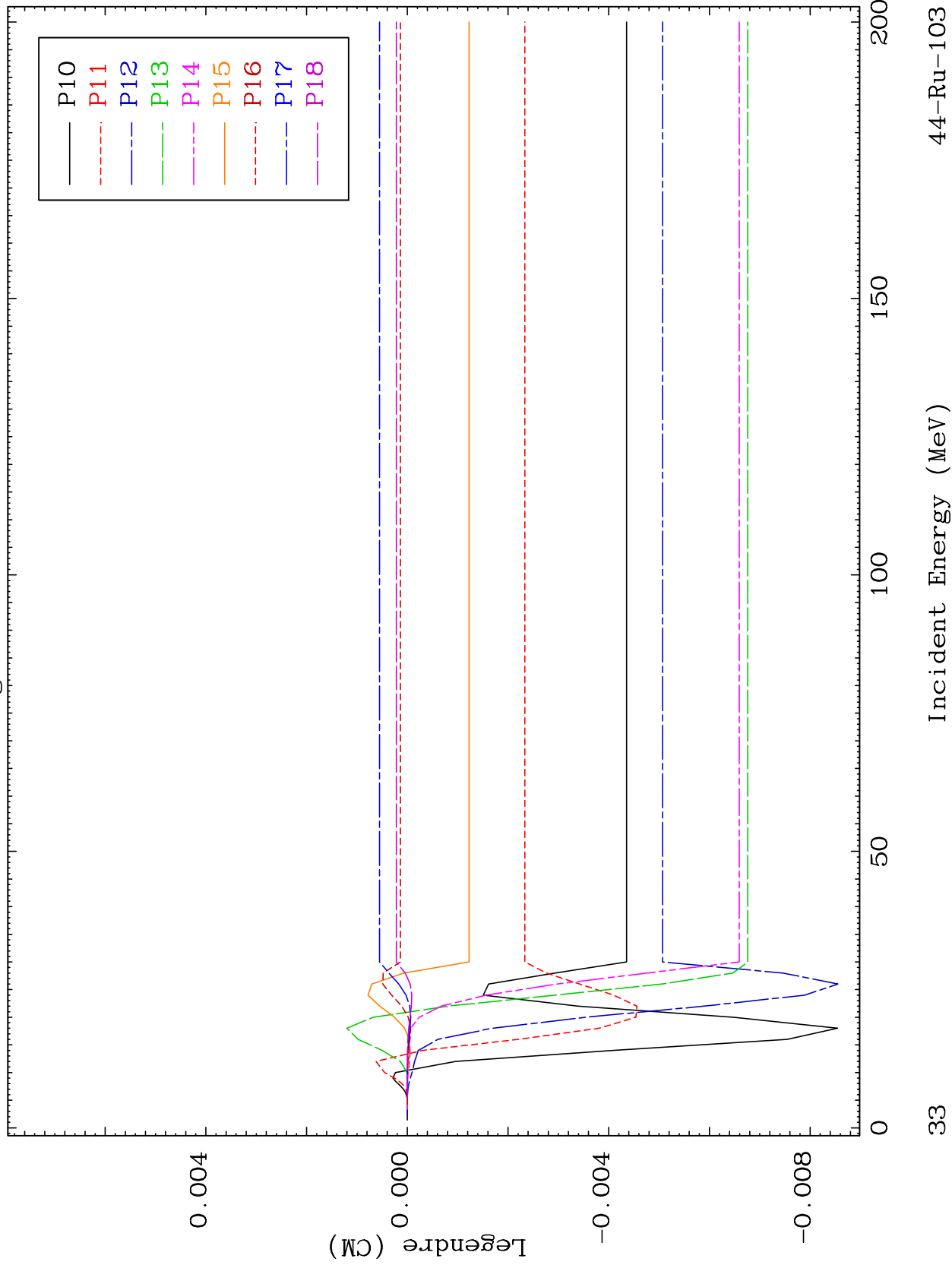
Incident Energy (MeV)

44-Ru-103

MAT 4446

238.2 keV (n, n') Level
Legendre Coefficients

44-Ru-103



44-Ru-103

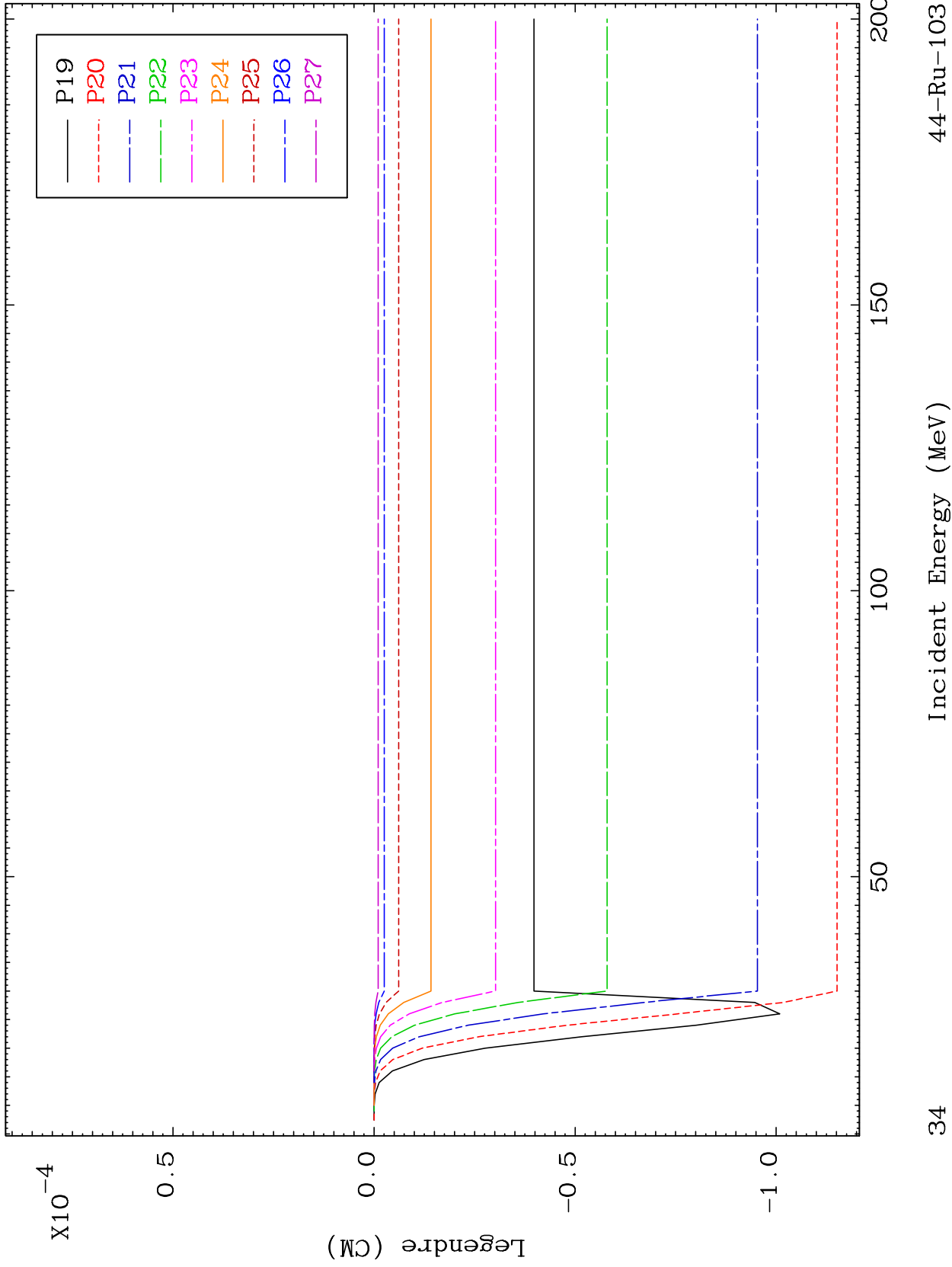
Incident Energy (MeV)

33

MAT 4446

238.2 keV (n,n') Level
Legendre Coefficients

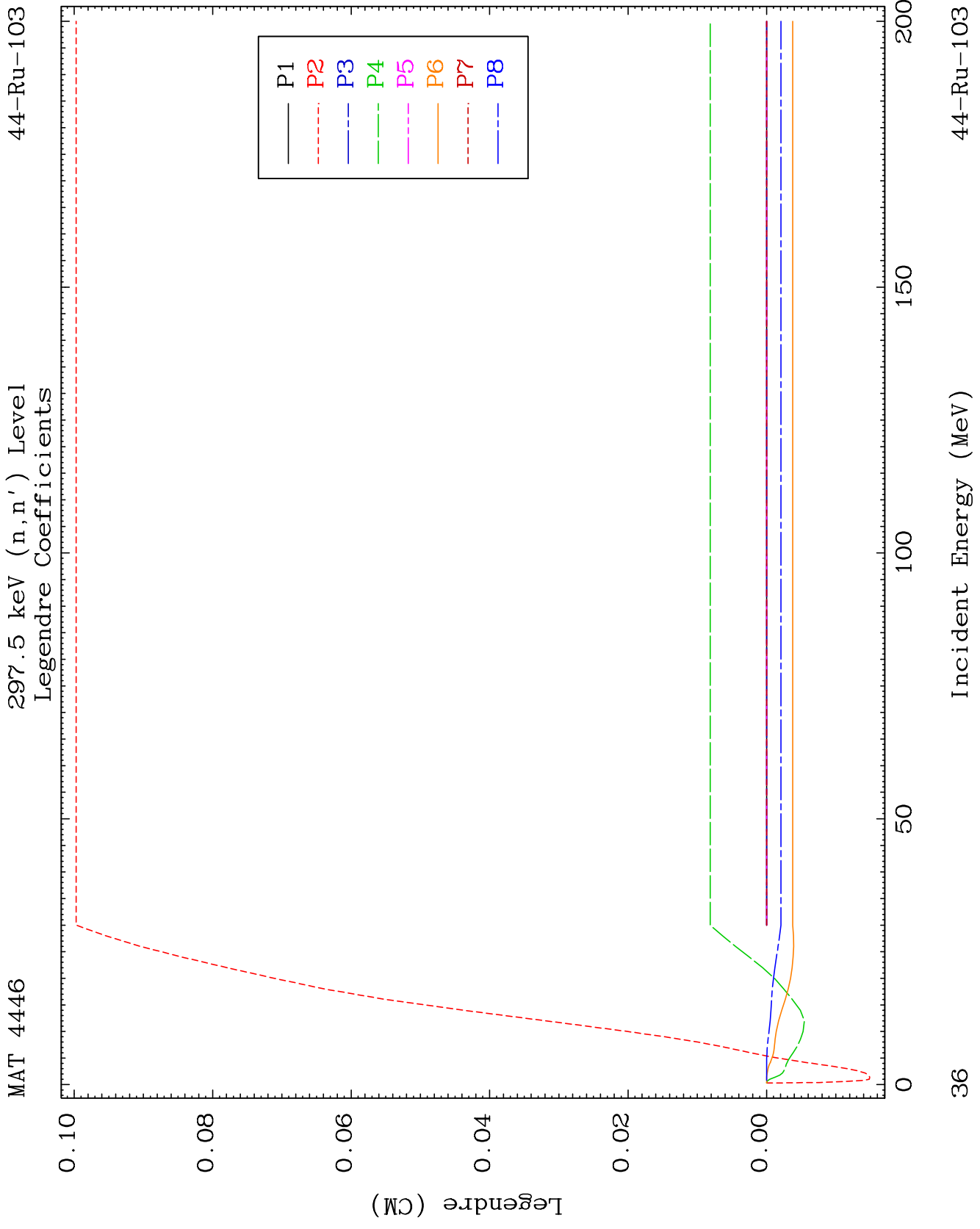
44-Ru-103

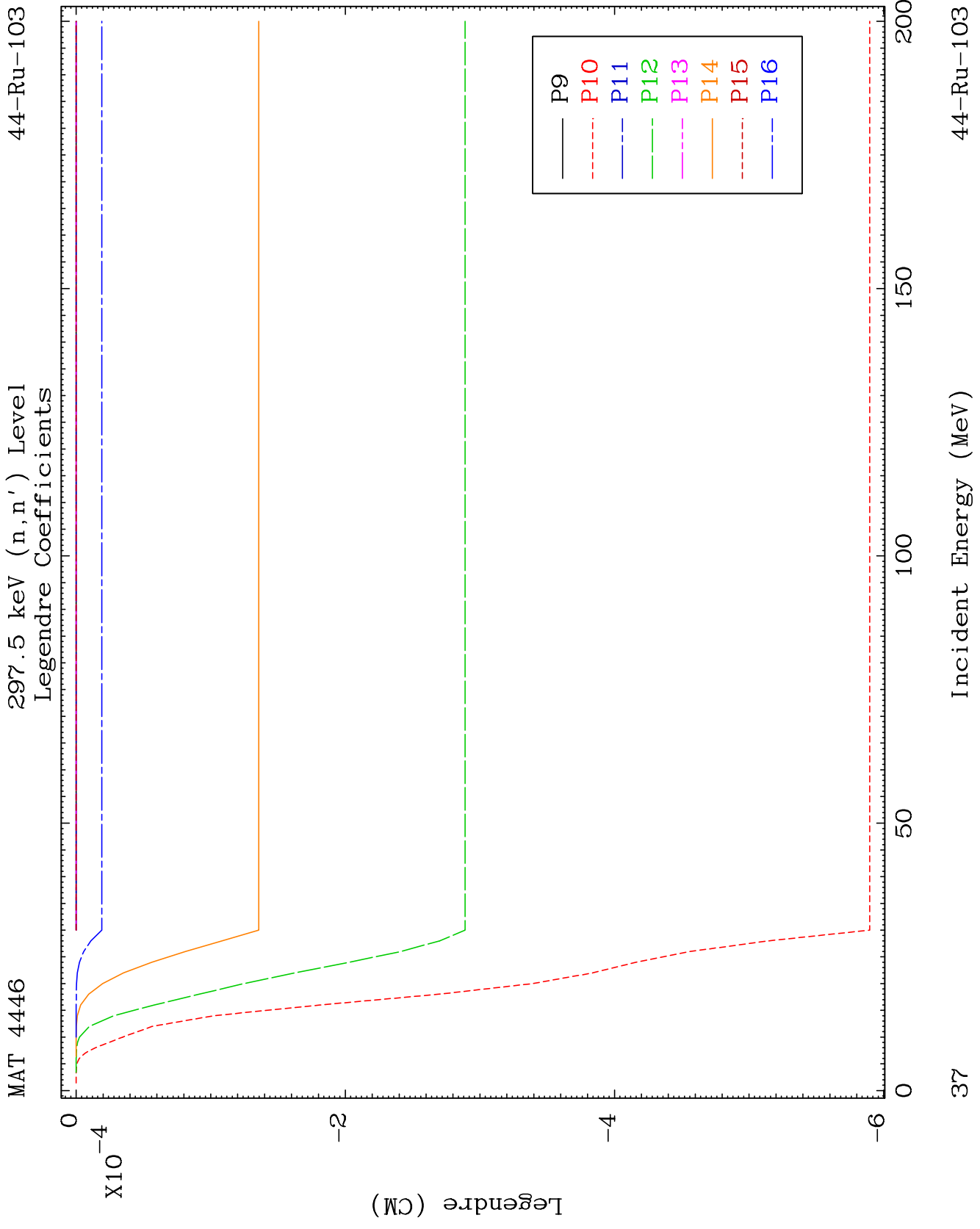


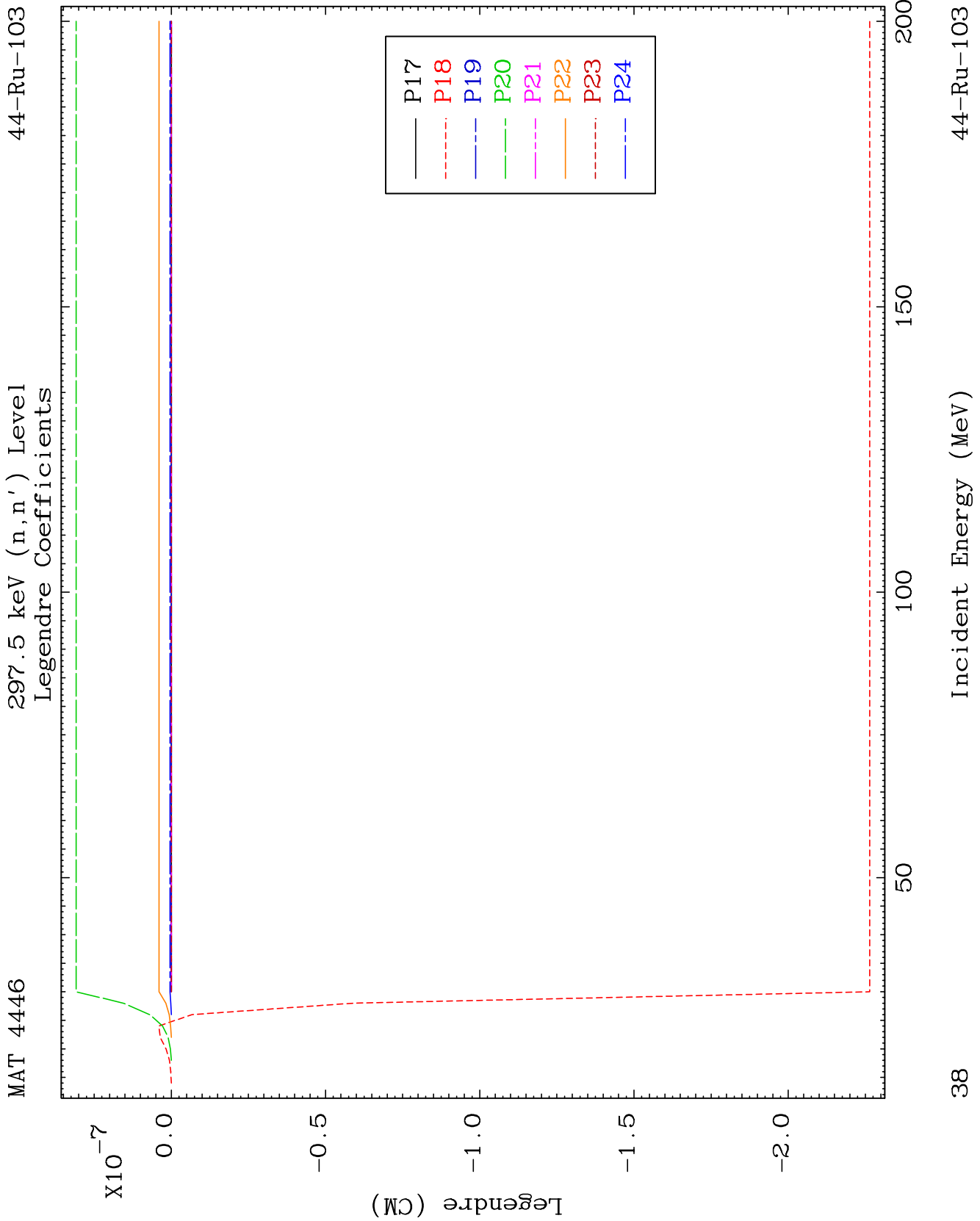
34

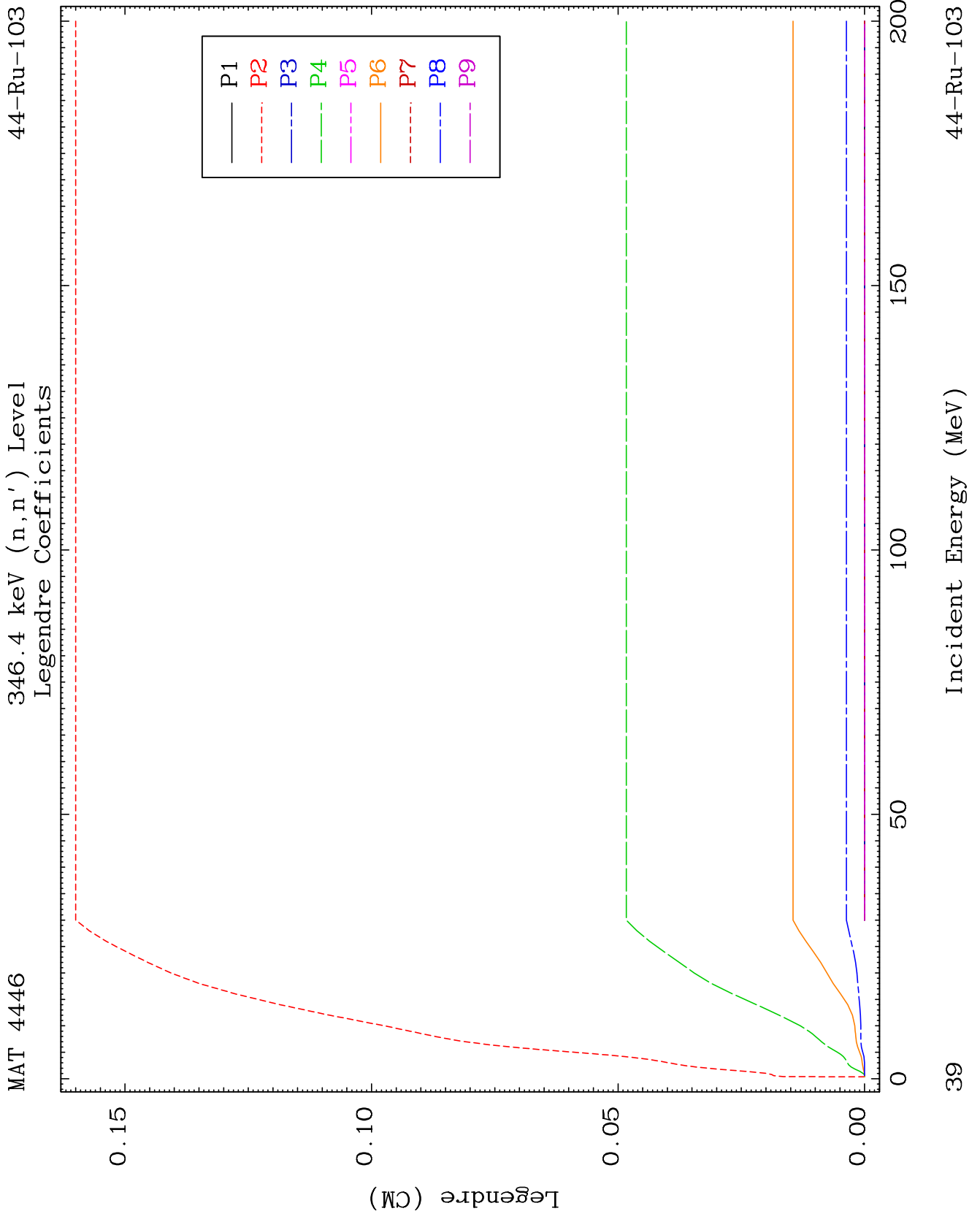
Incident Energy (MeV)

44-Ru-103





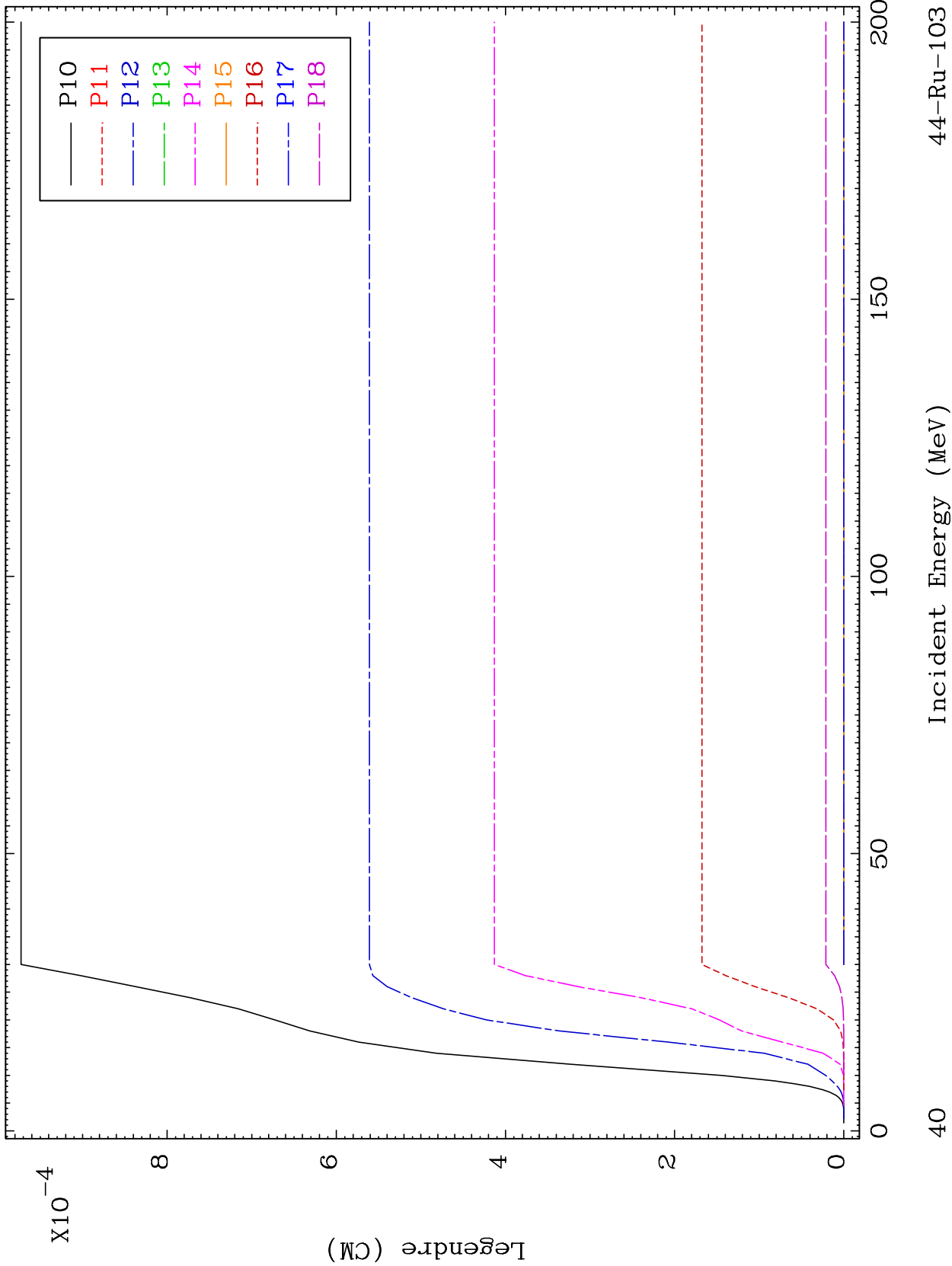


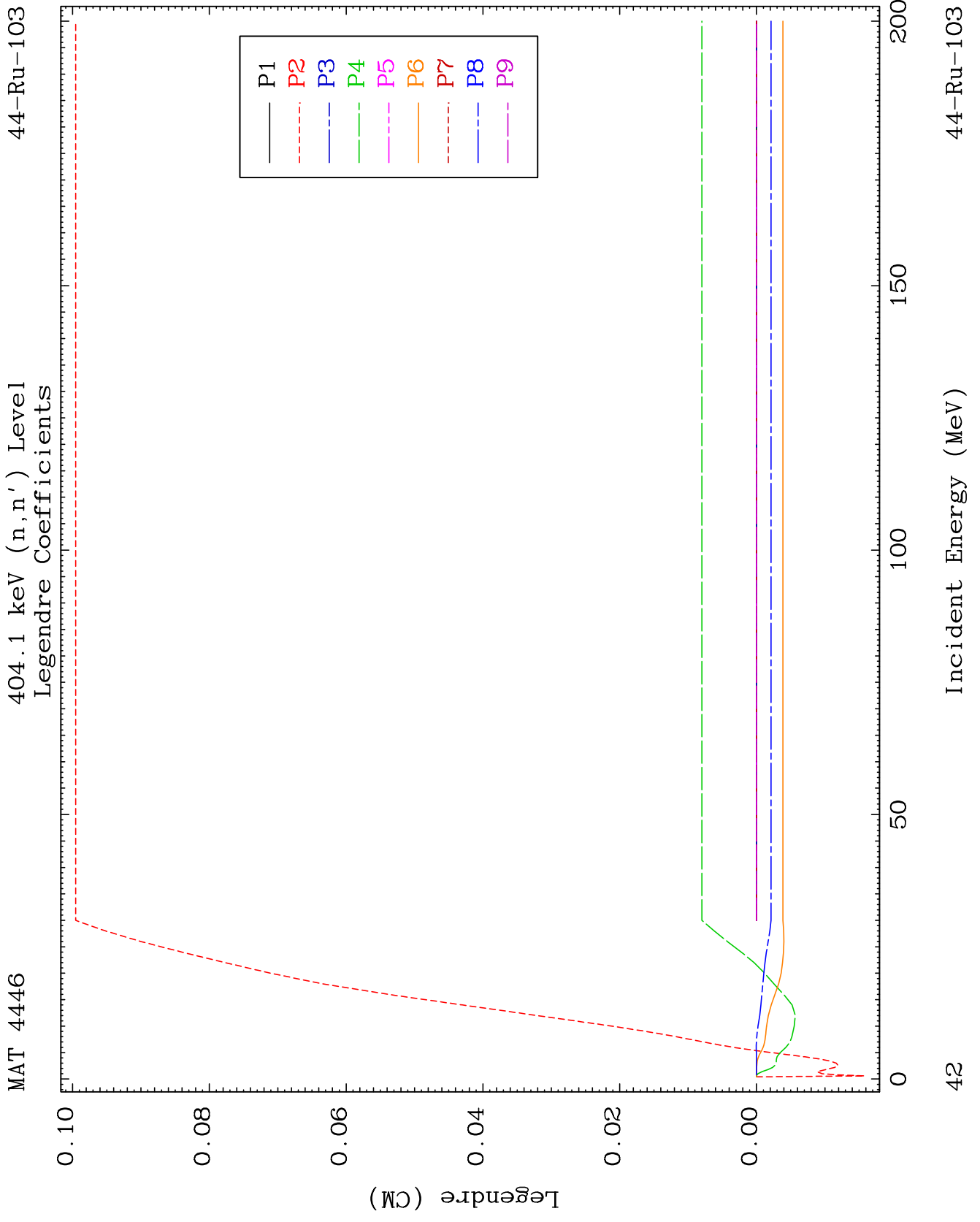


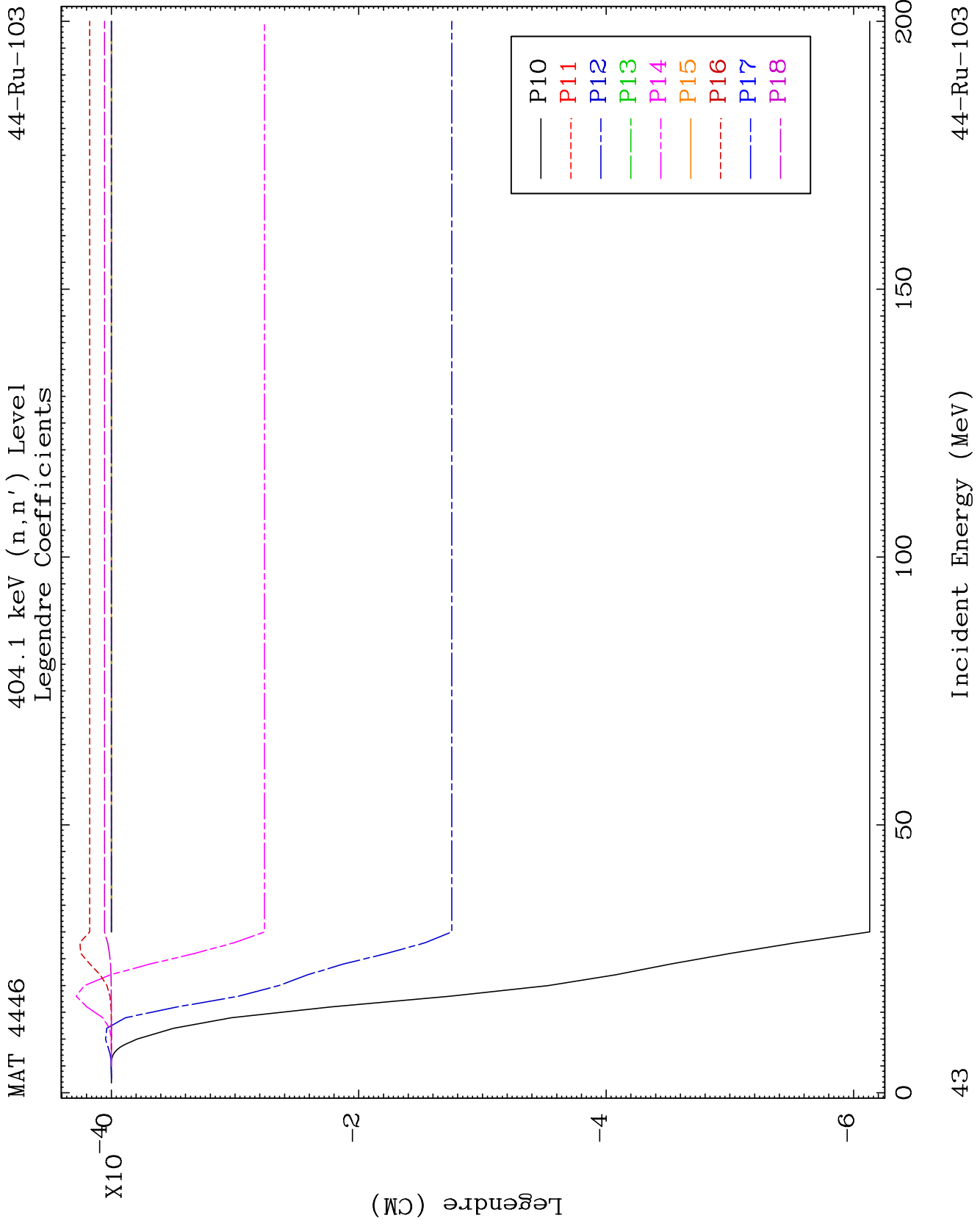
MAT 4446

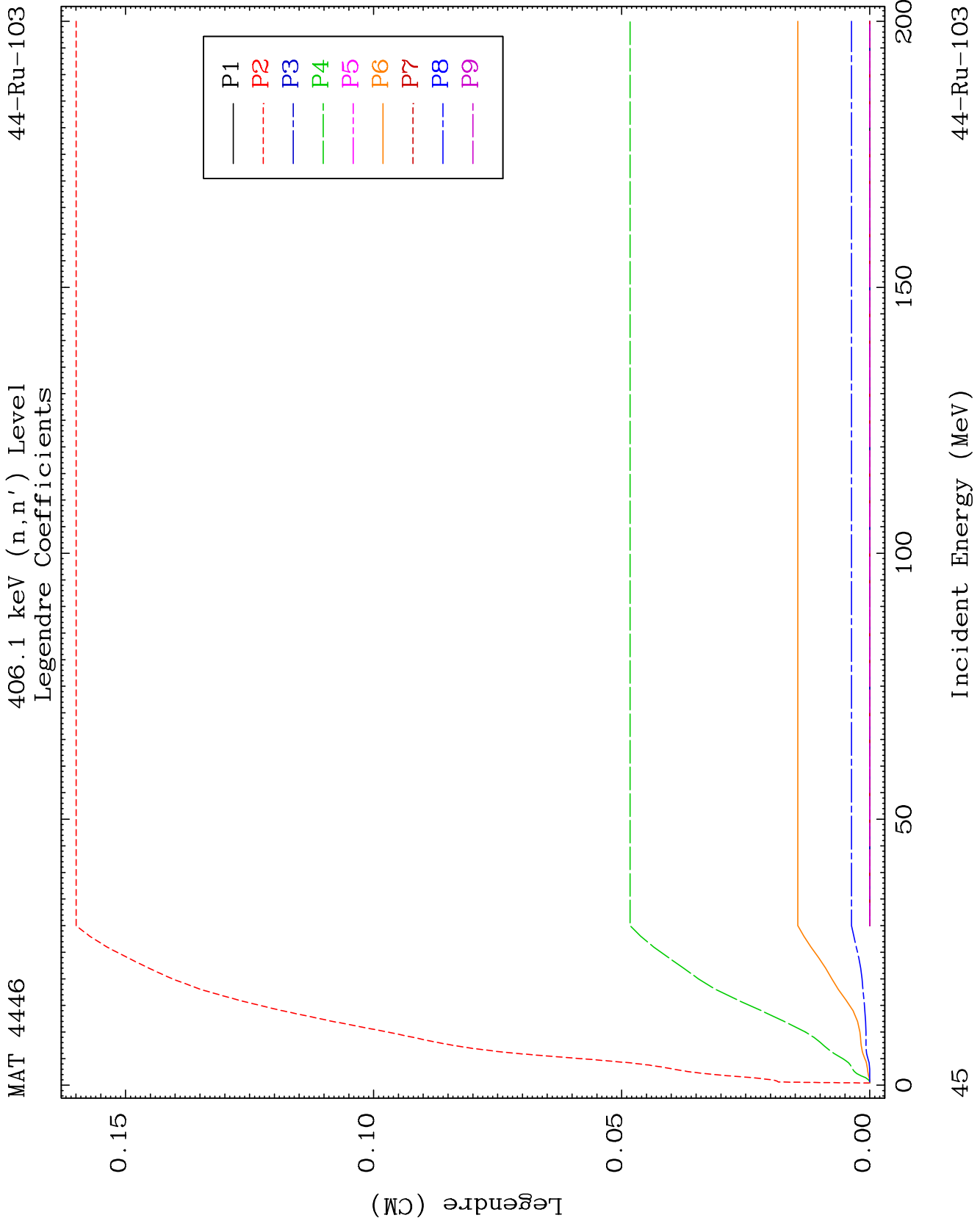
346.4 keV (n, n') Level
Legendre Coefficients

44-Ru-103





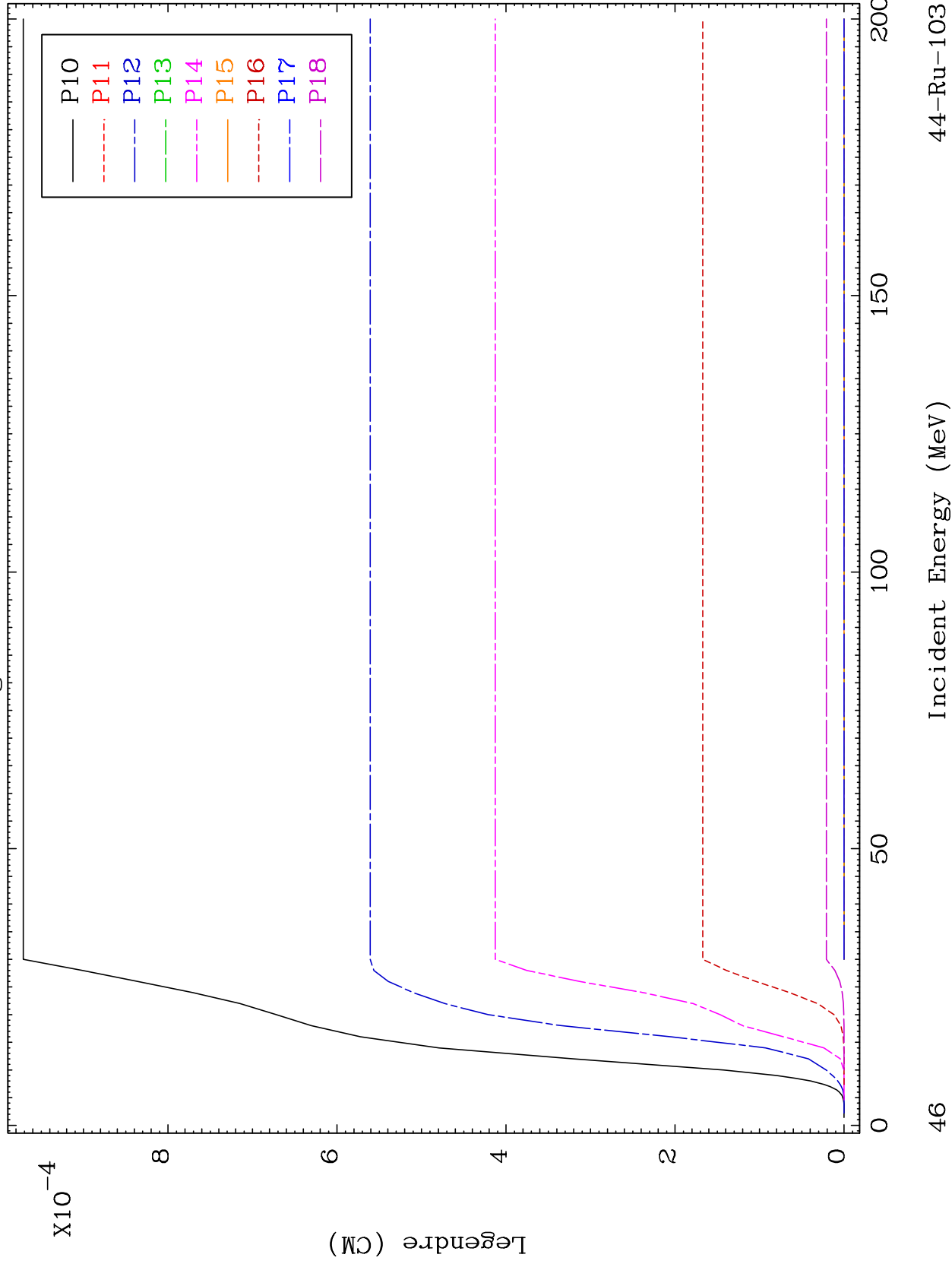




MAT 4446

406.1 keV (n, n') Level
Legendre Coefficients

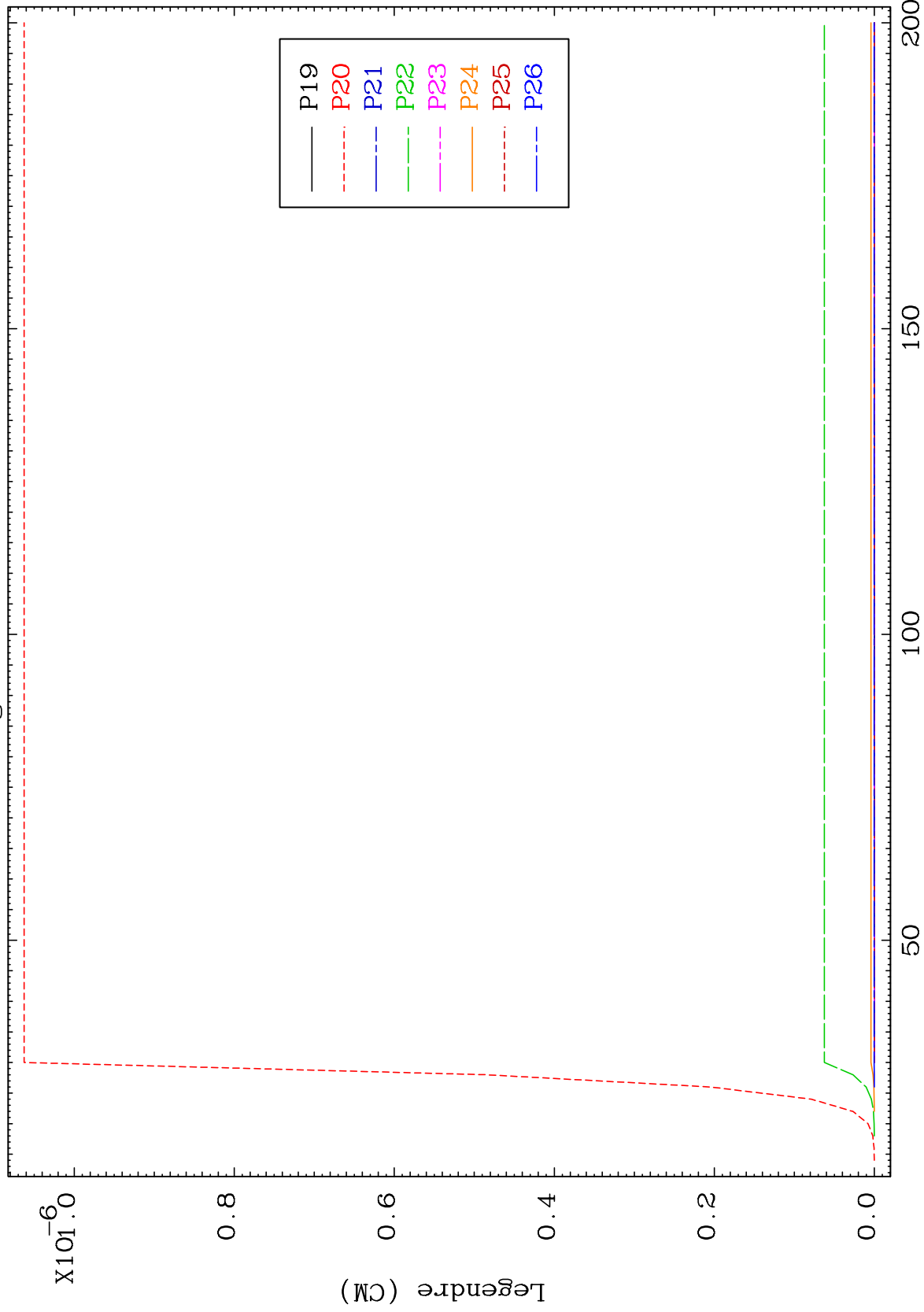
44-Ru-103



MAT 4446

406.1 keV (n, n') Level
Legendre Coefficients

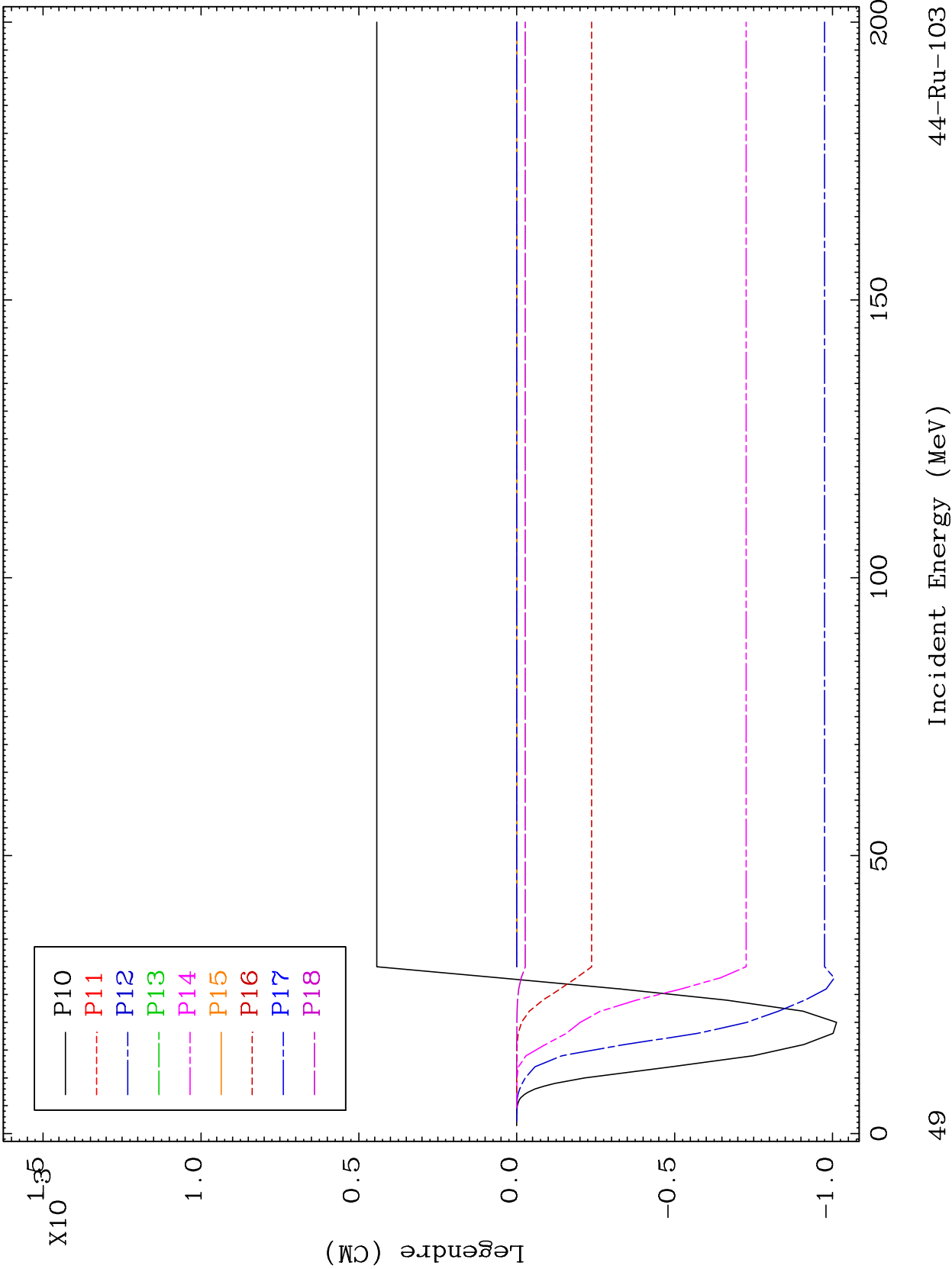
44-Ru-103

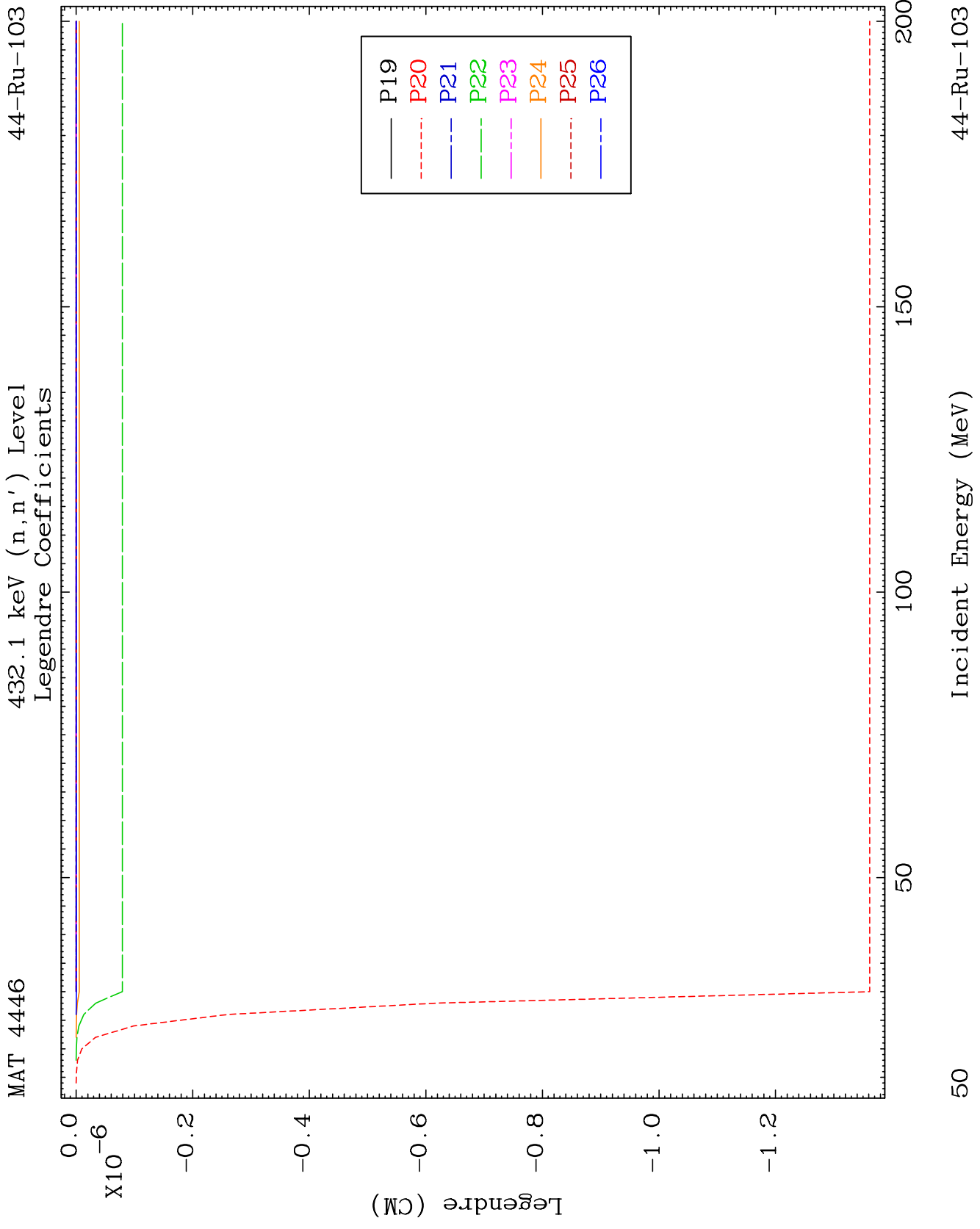


47

Incident Energy (MeV)

44-Ru-103

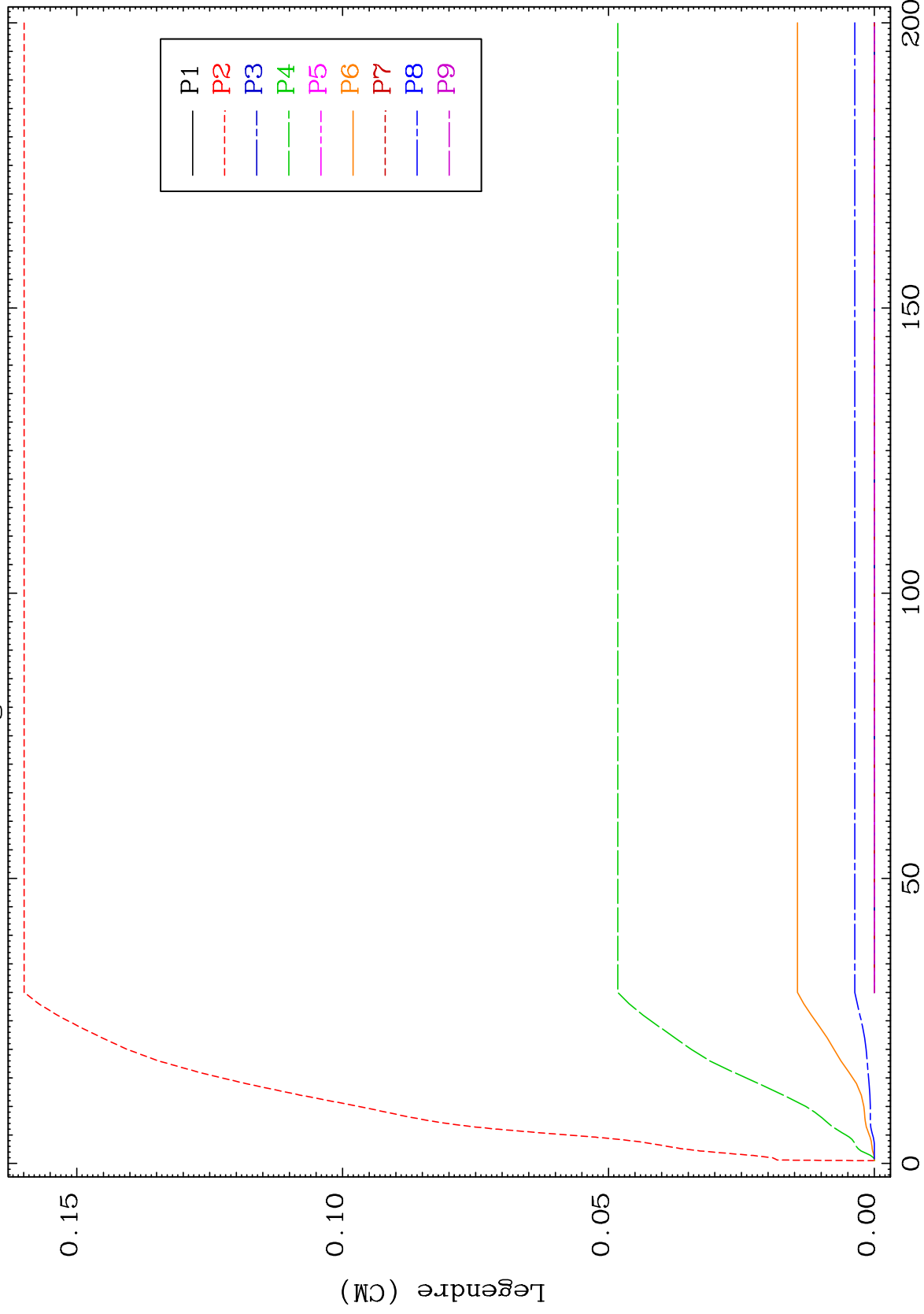




MAT 4446

475.9 keV (n, n') Level
Legendre Coefficients

44-Ru-103



51

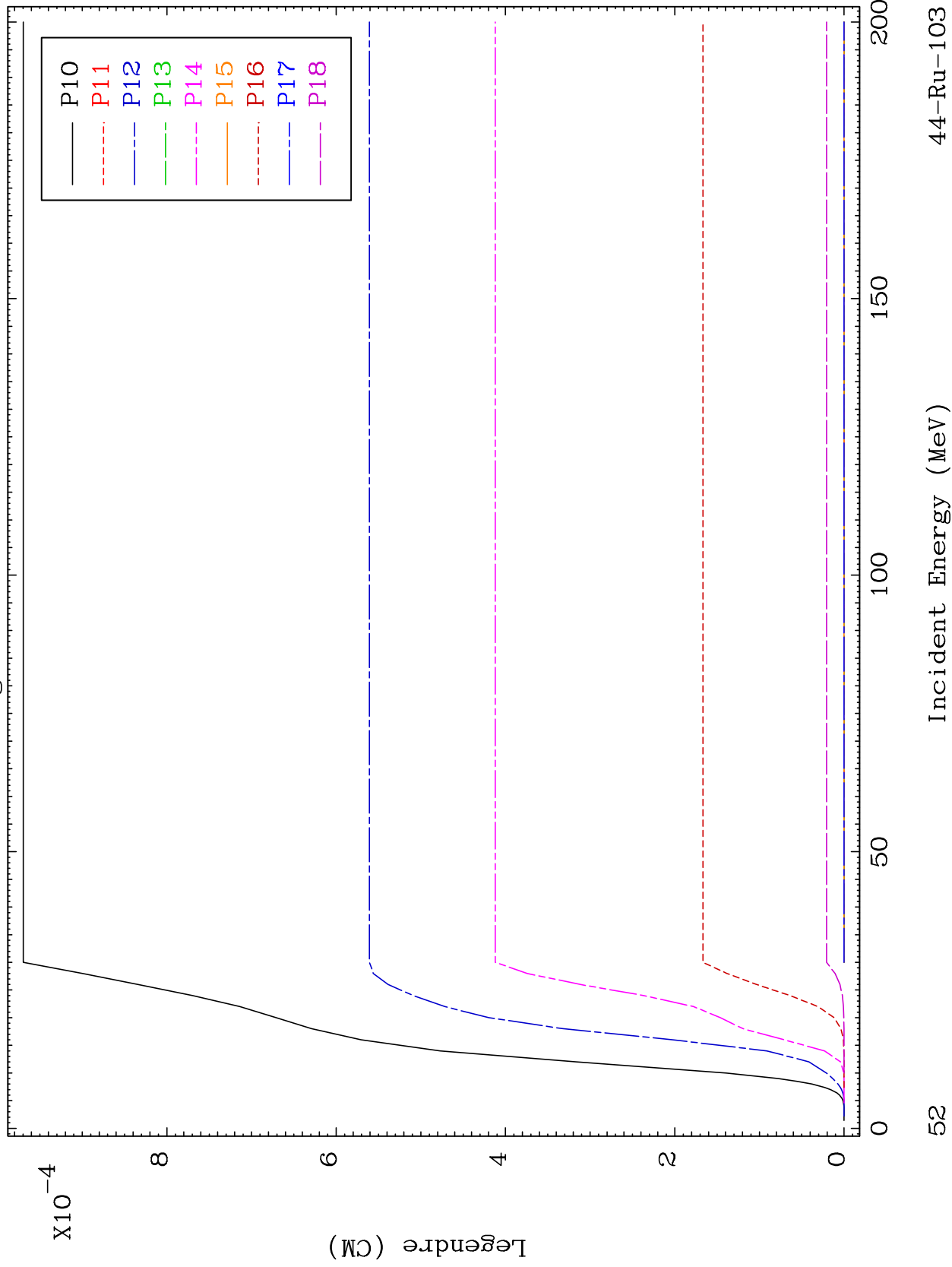
Incident Energy (MeV)

44-Ru-103

MAT 4446

475.9 keV (n, n') Level
Legendre Coefficients

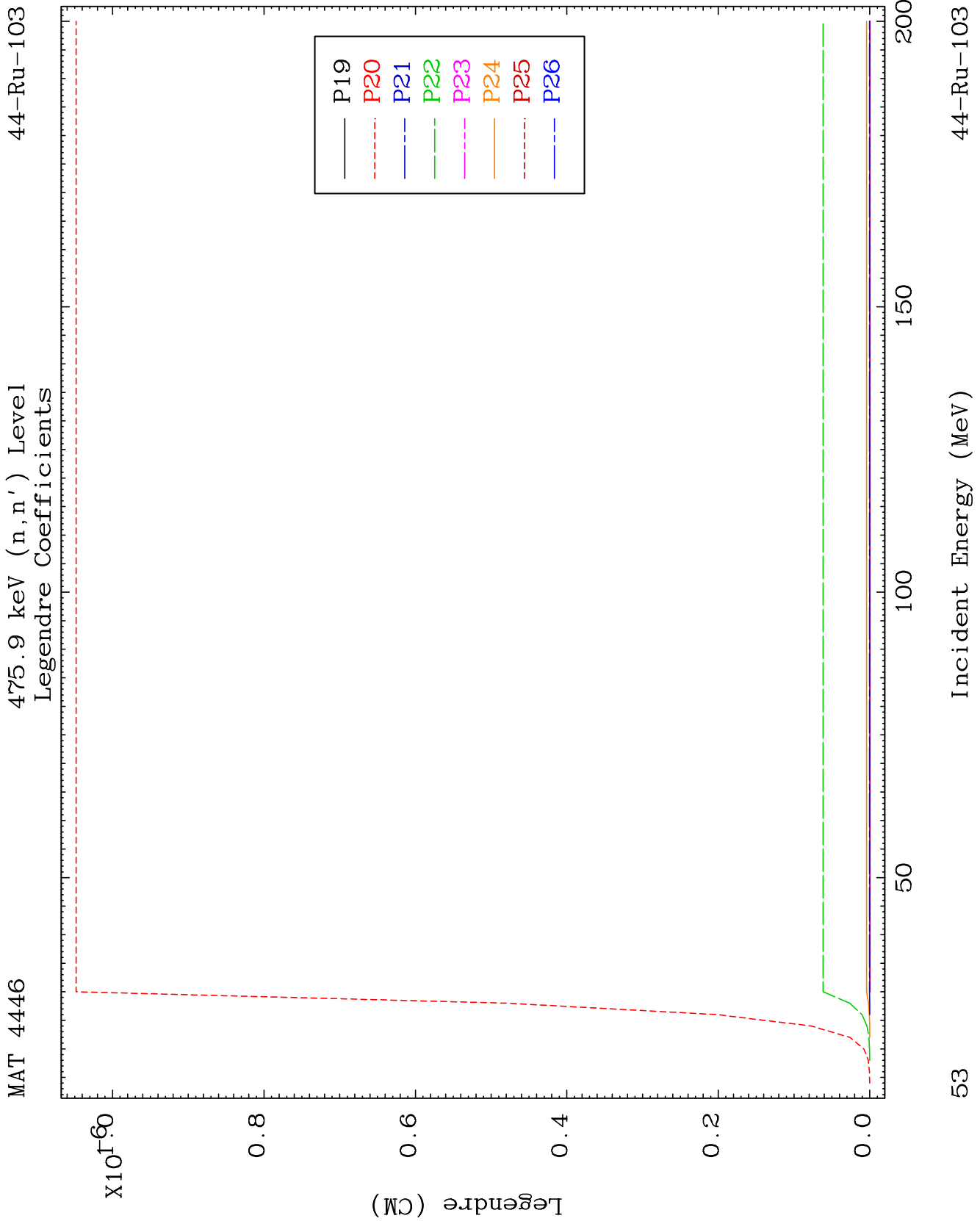
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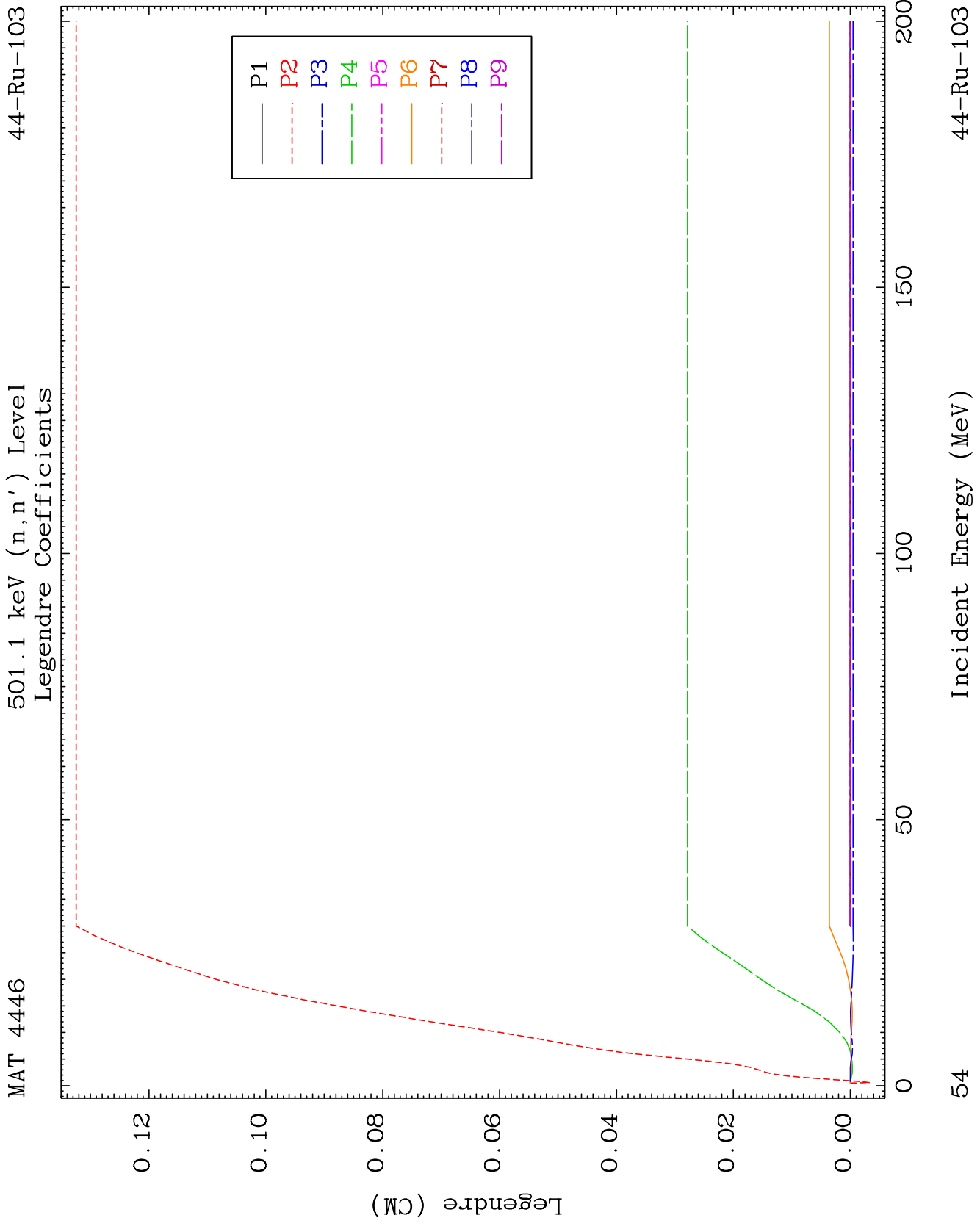


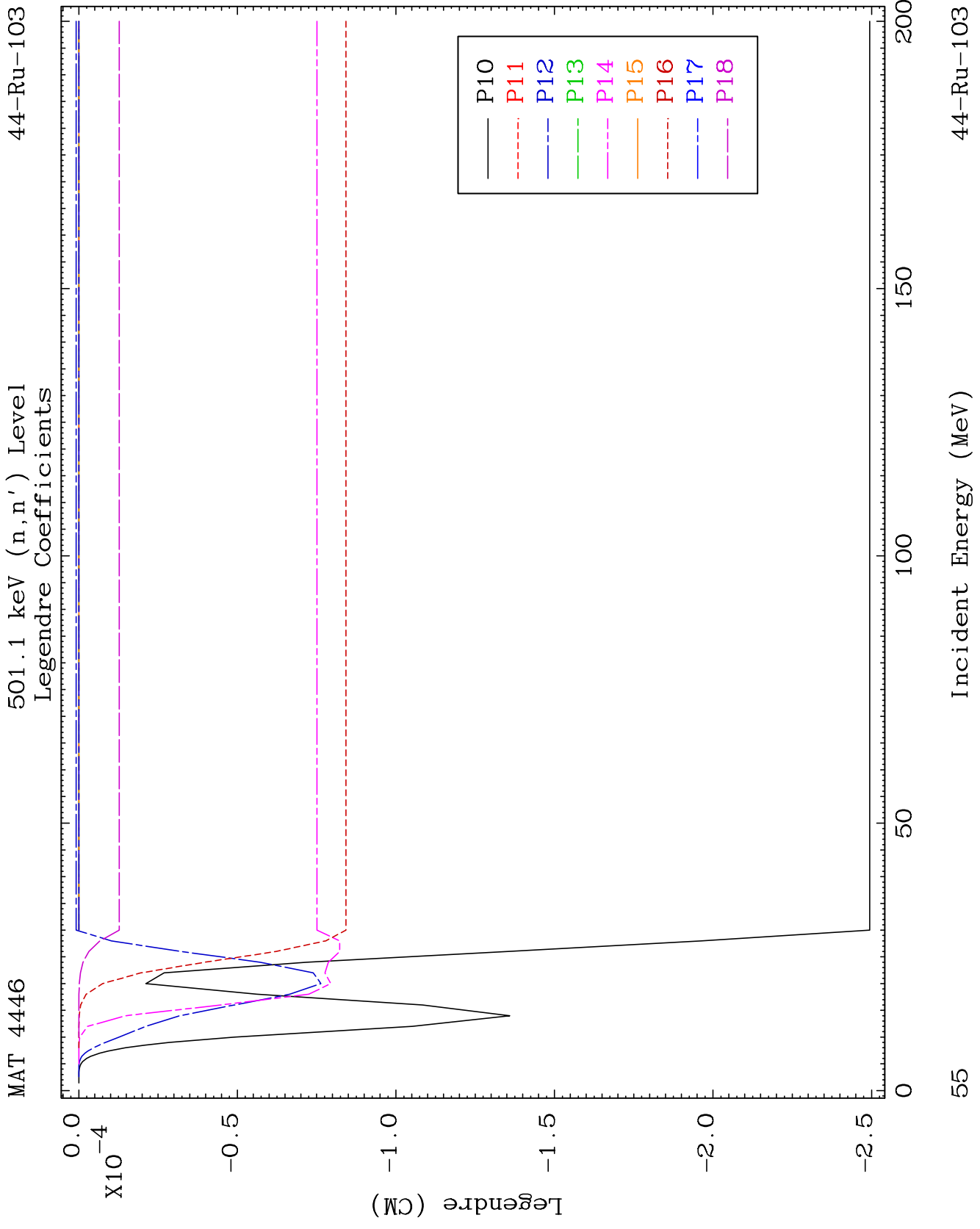
44-Ru-103

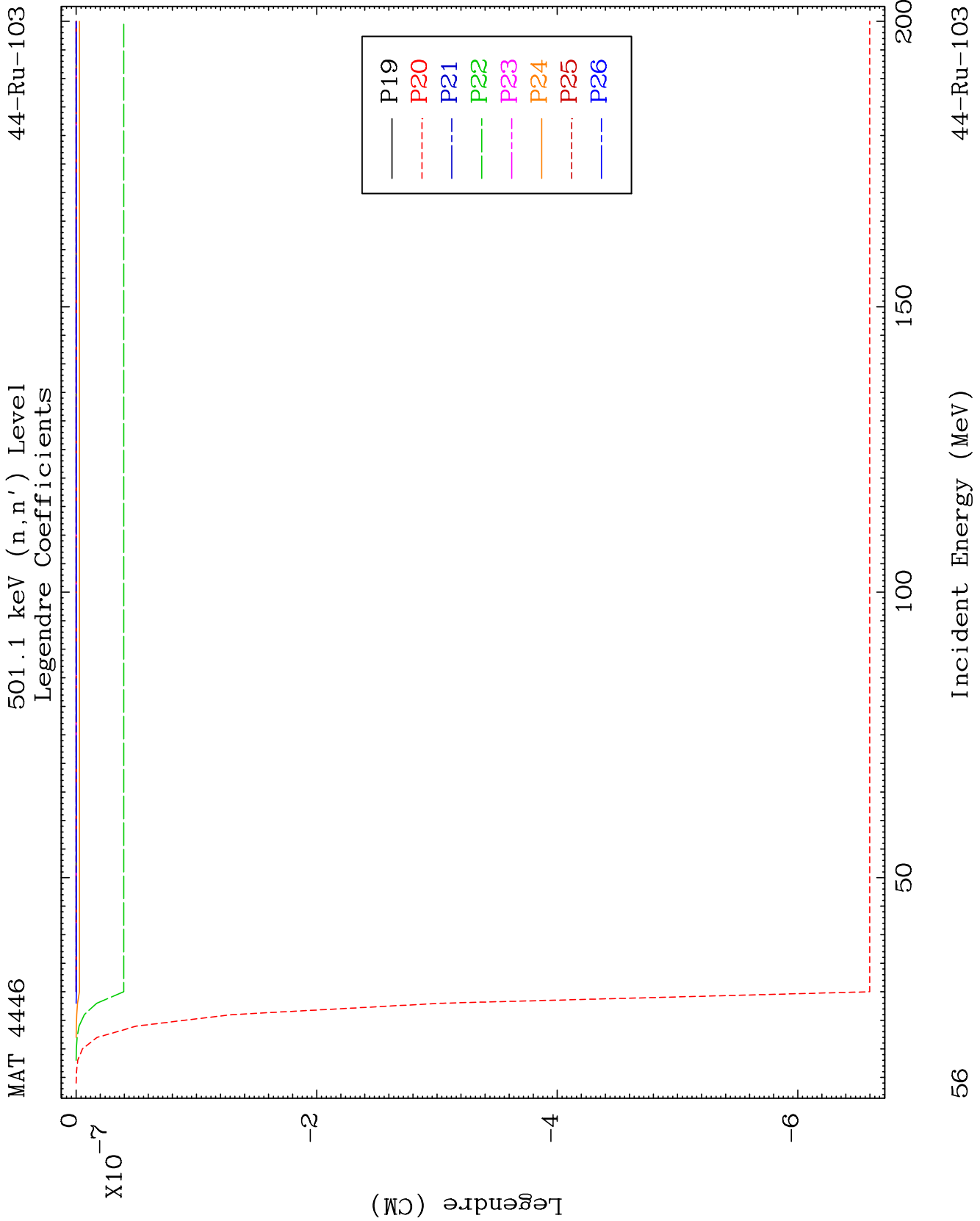
Incident Energy (MeV)

52





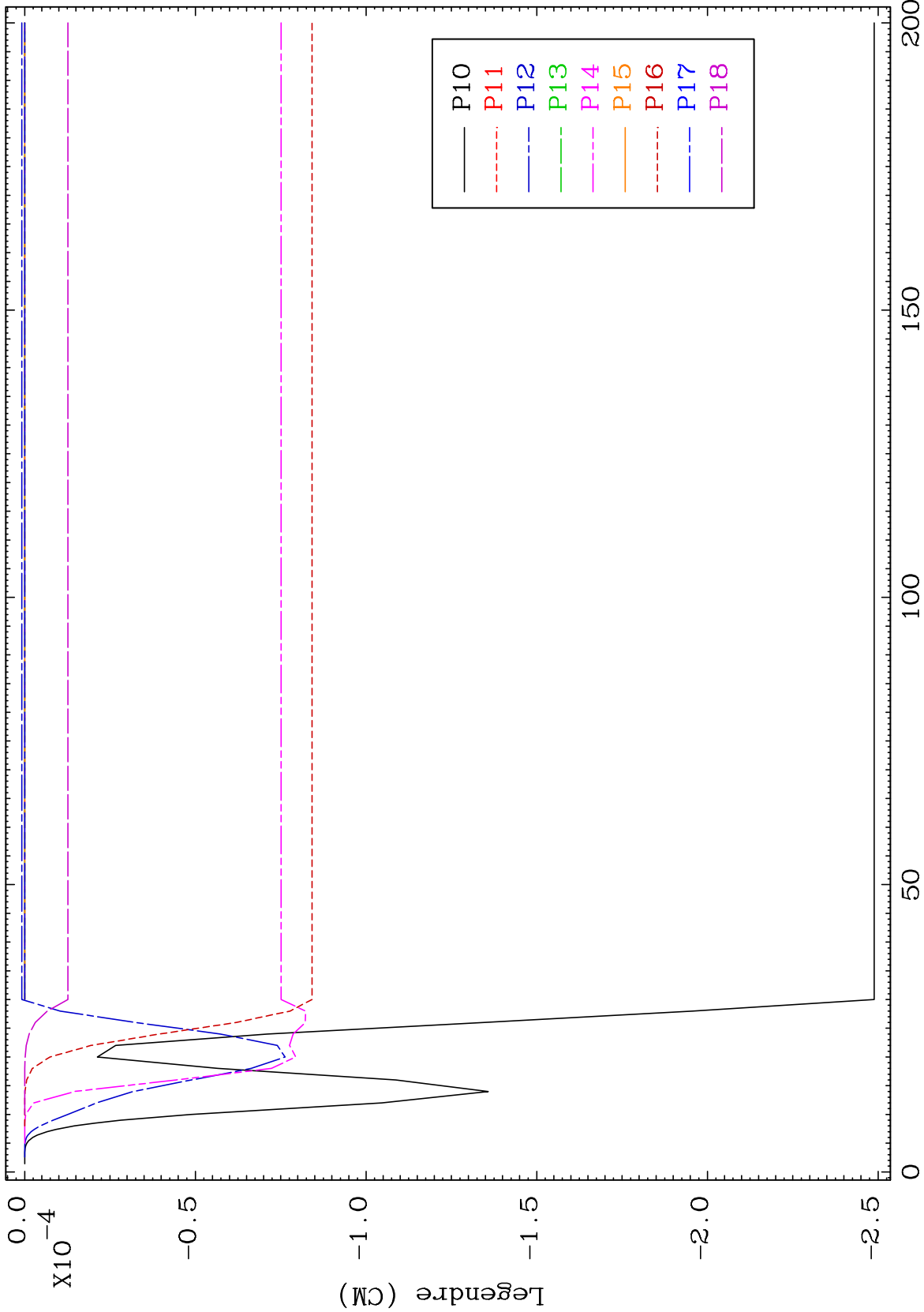




MAT 4446

535.4 keV (n,n') Level
Legendre Coefficients

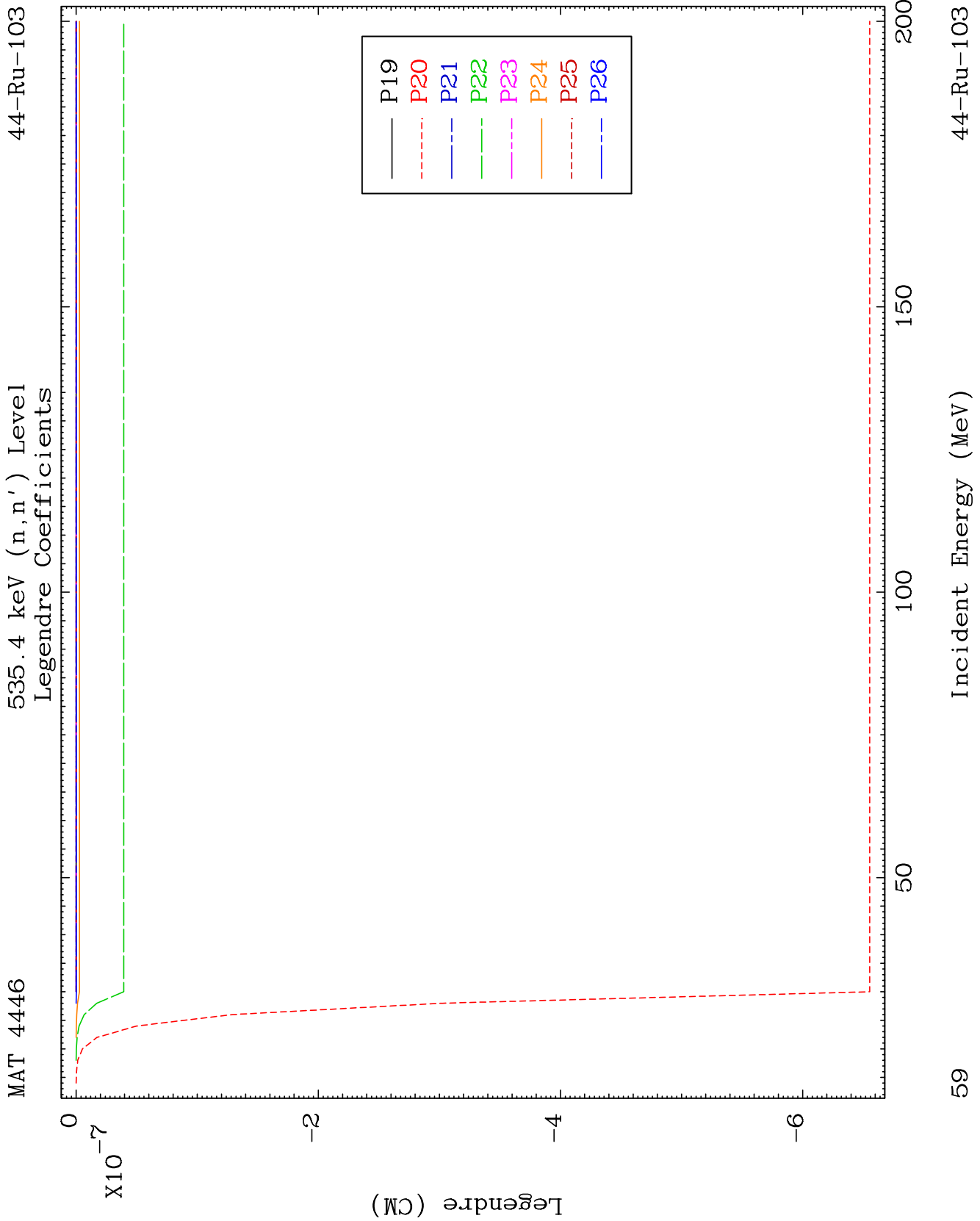
44-Ru-103

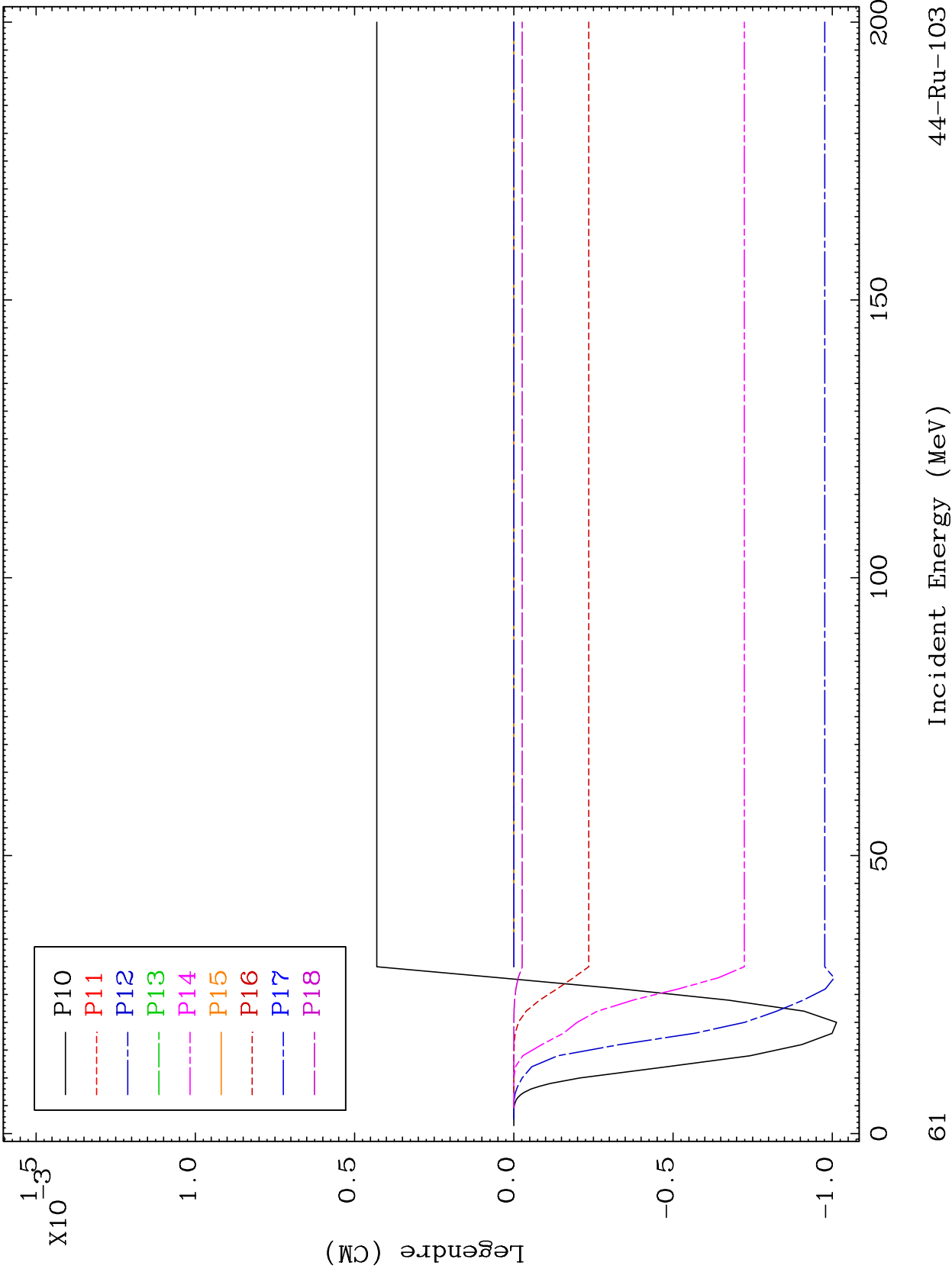


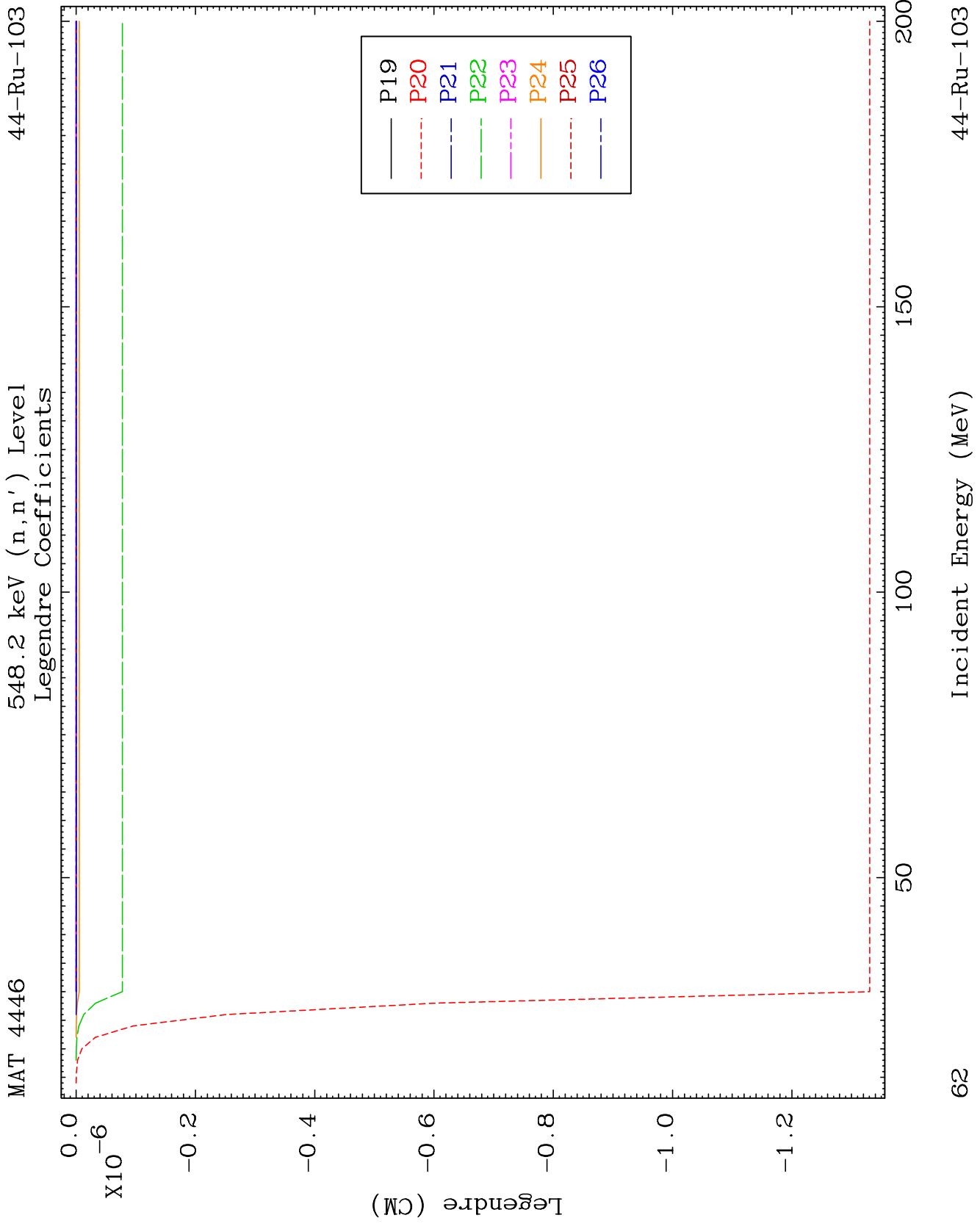
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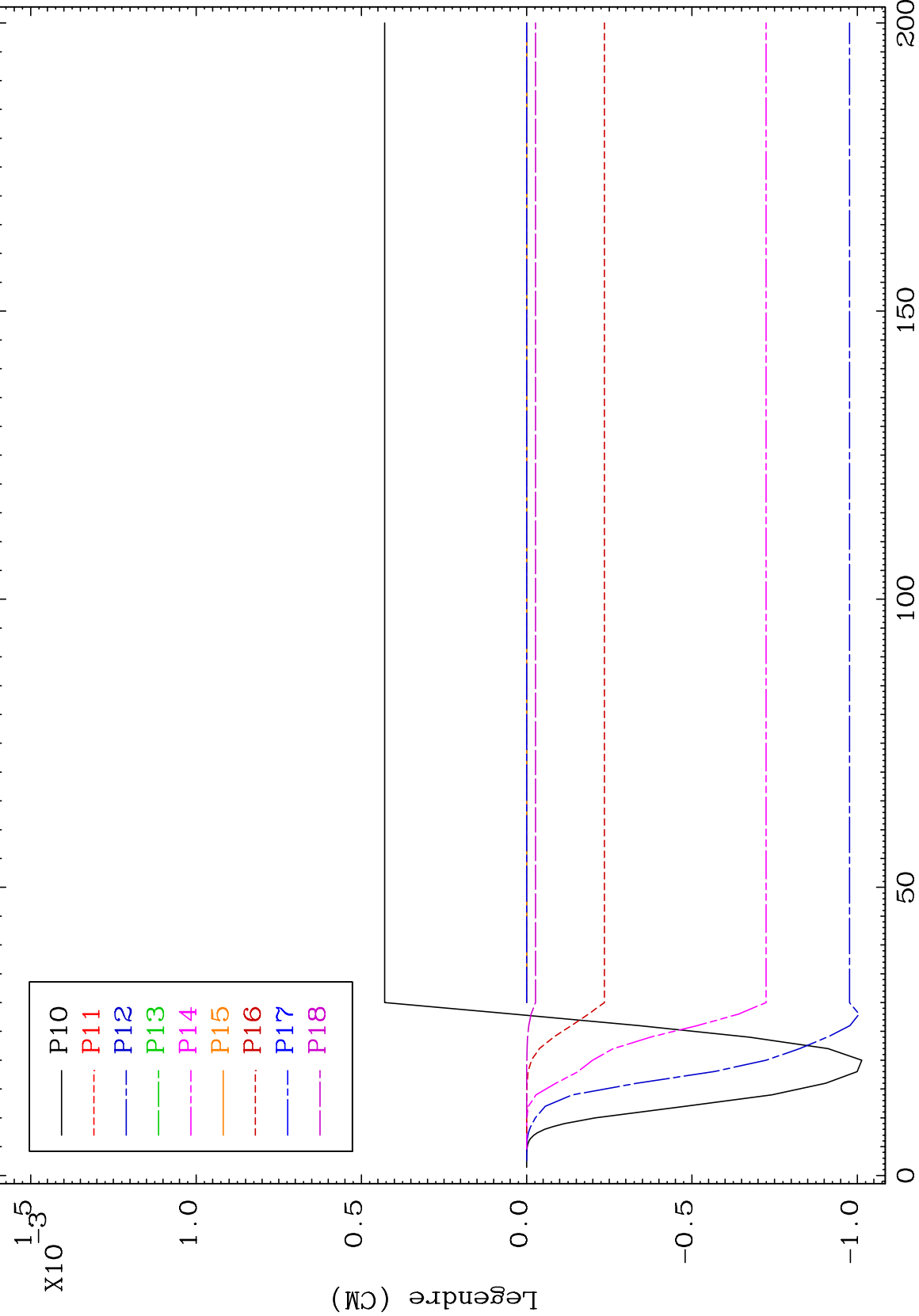
Incident Energy (MeV)

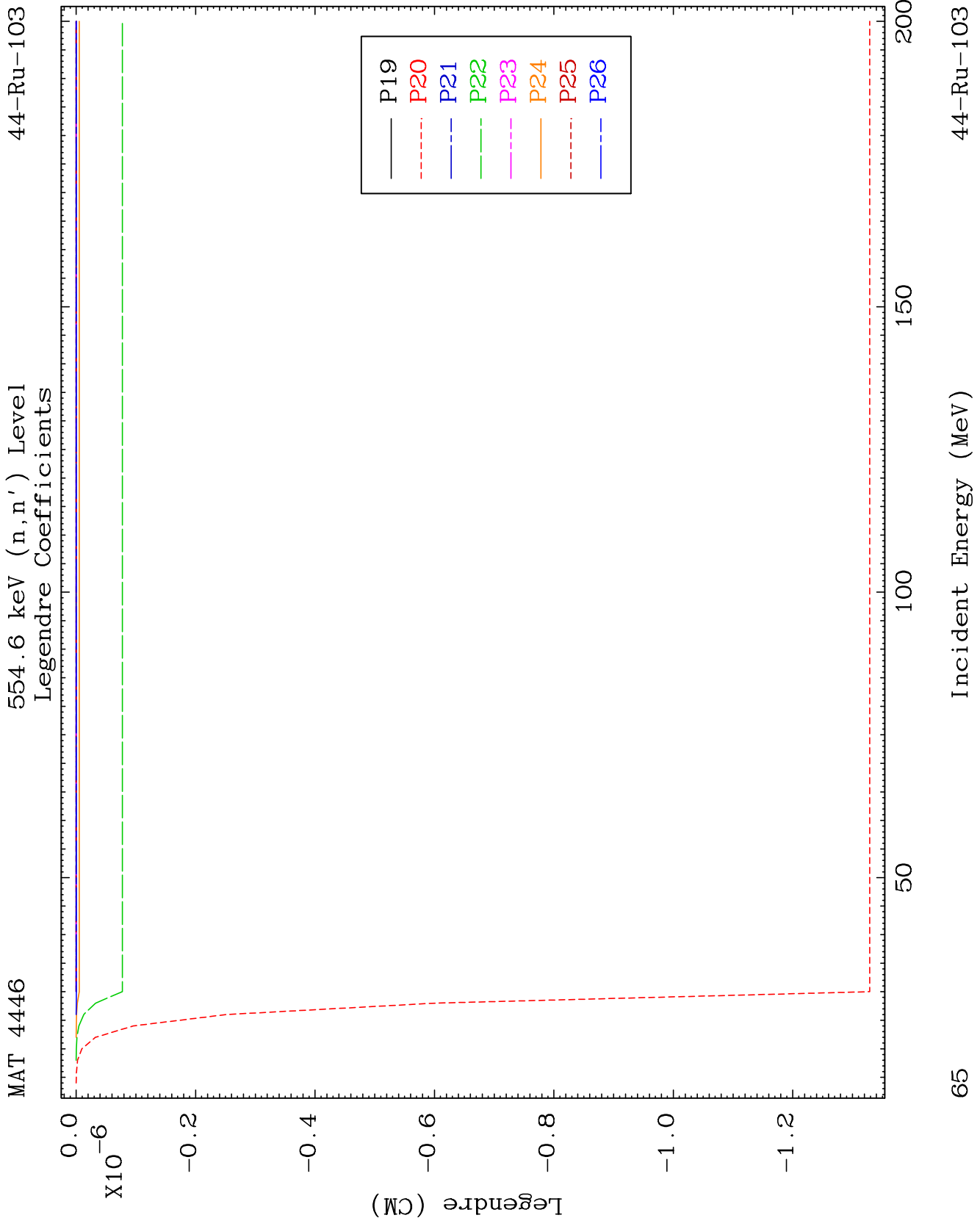
44-Ru-103







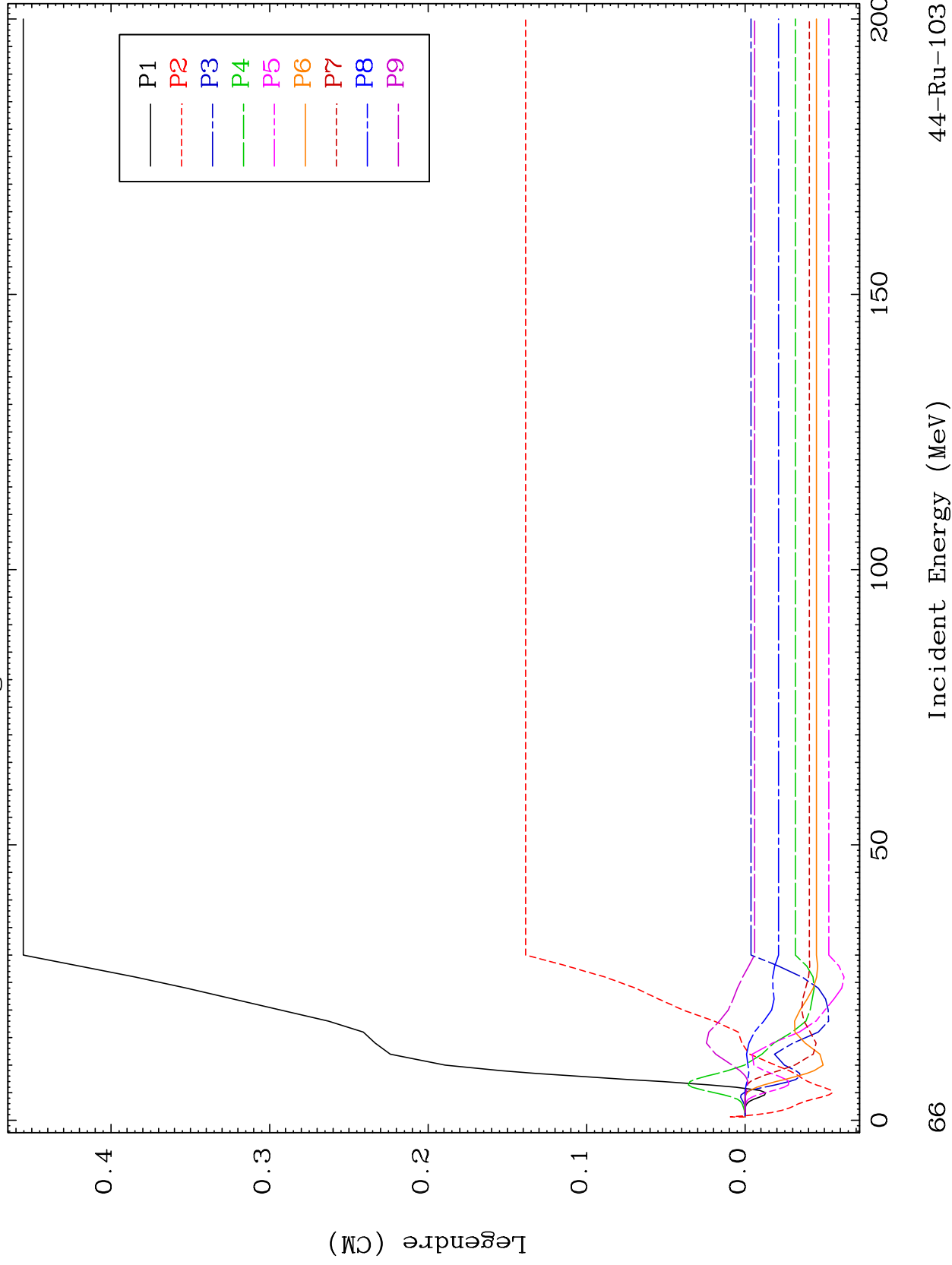




MAT 4446

557.7 keV (n,n') Level
Legendre Coefficients

44-Ru-103



44-Ru-103

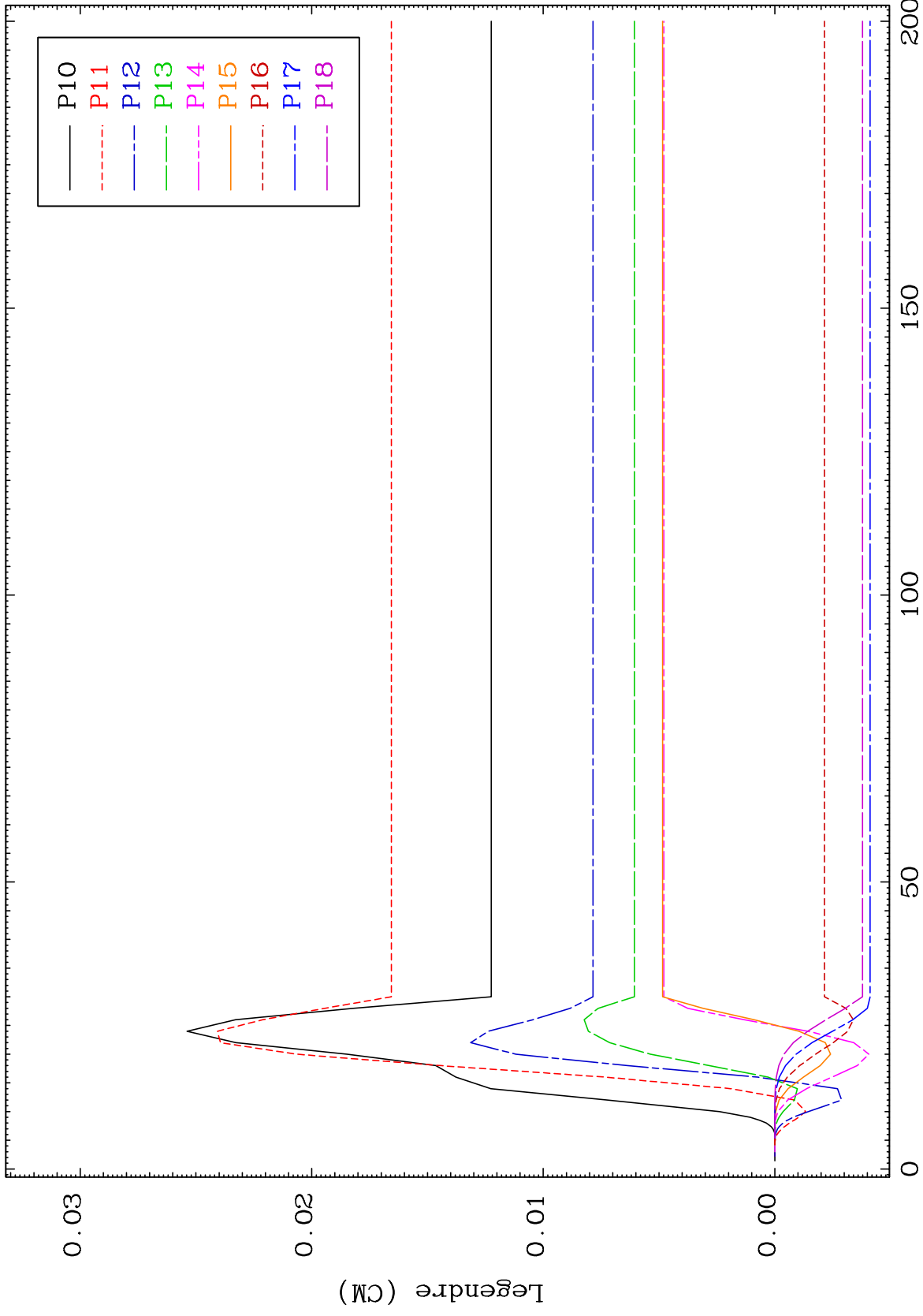
Incident Energy (MeV)

66

MAT 4446

557.7 keV (n,n') Level
Legendre Coefficients

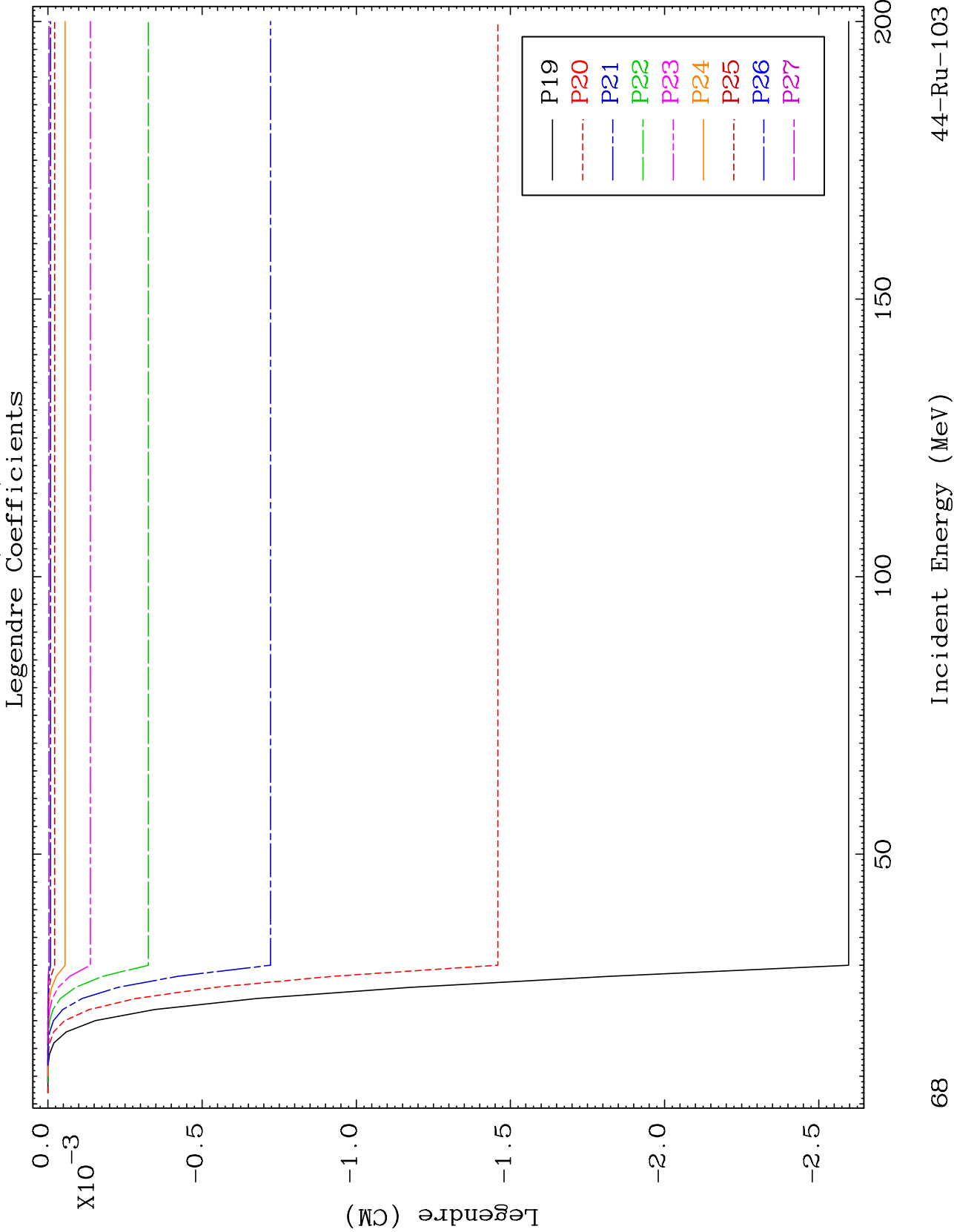
44-Ru-103

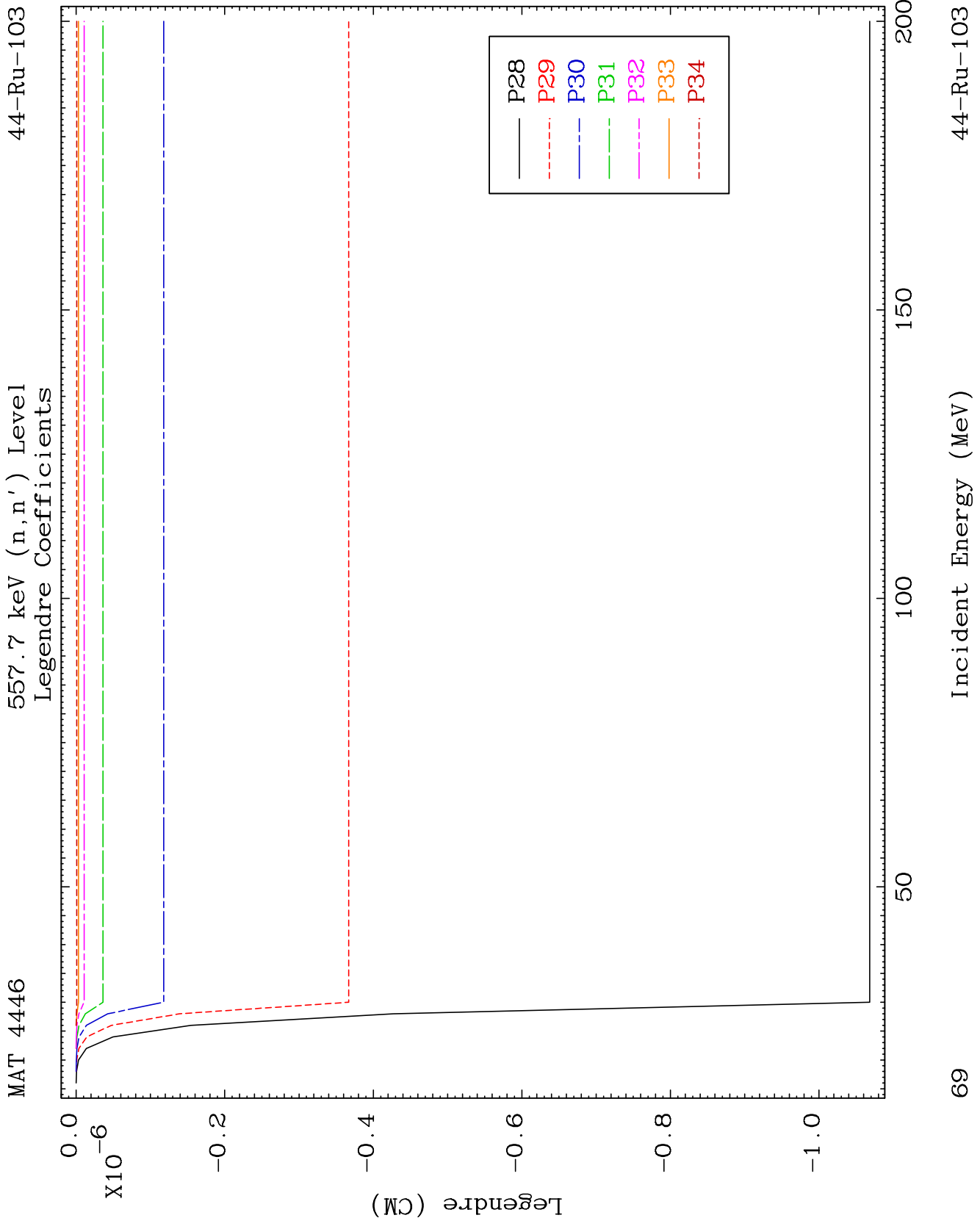


67

Incident Energy (MeV)

44-Ru-103

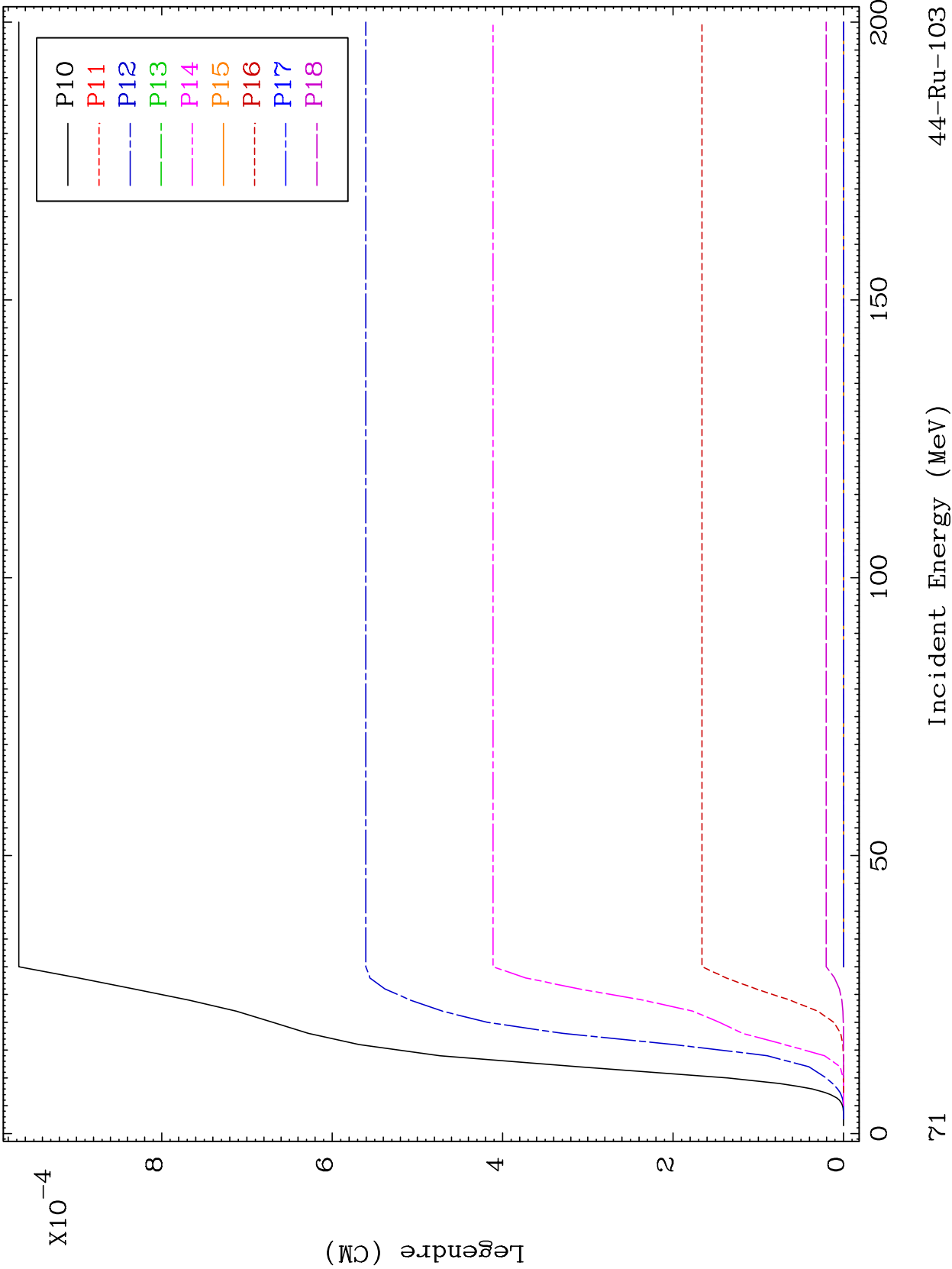




MAT 4446

562.9 keV (n, n') Level
Legendre Coefficients

44-Ru-103



44-Ru-103

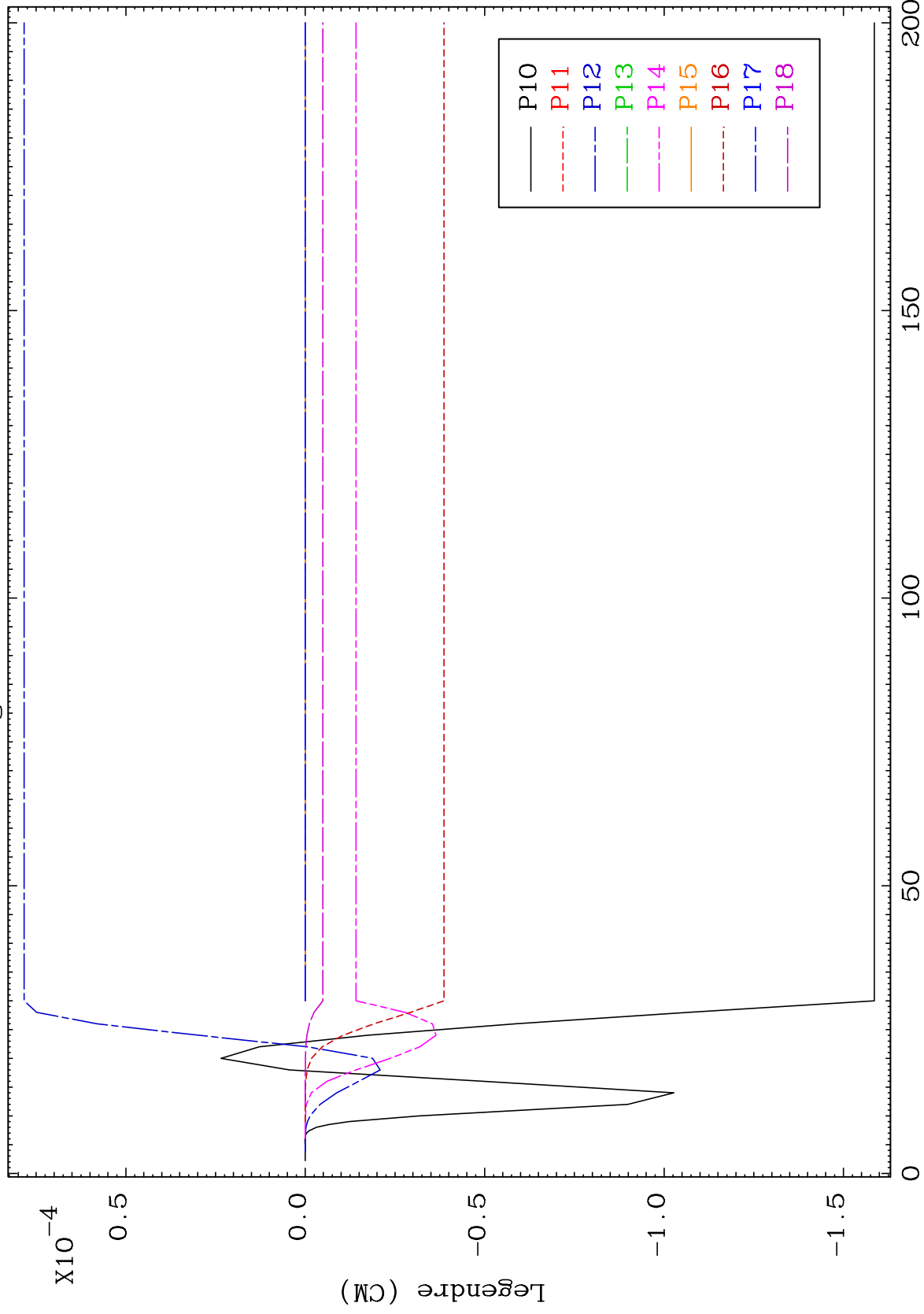
Incident Energy (MeV)

71

MAT 4446

568.2 keV (n, n') Level
Legendre Coefficients

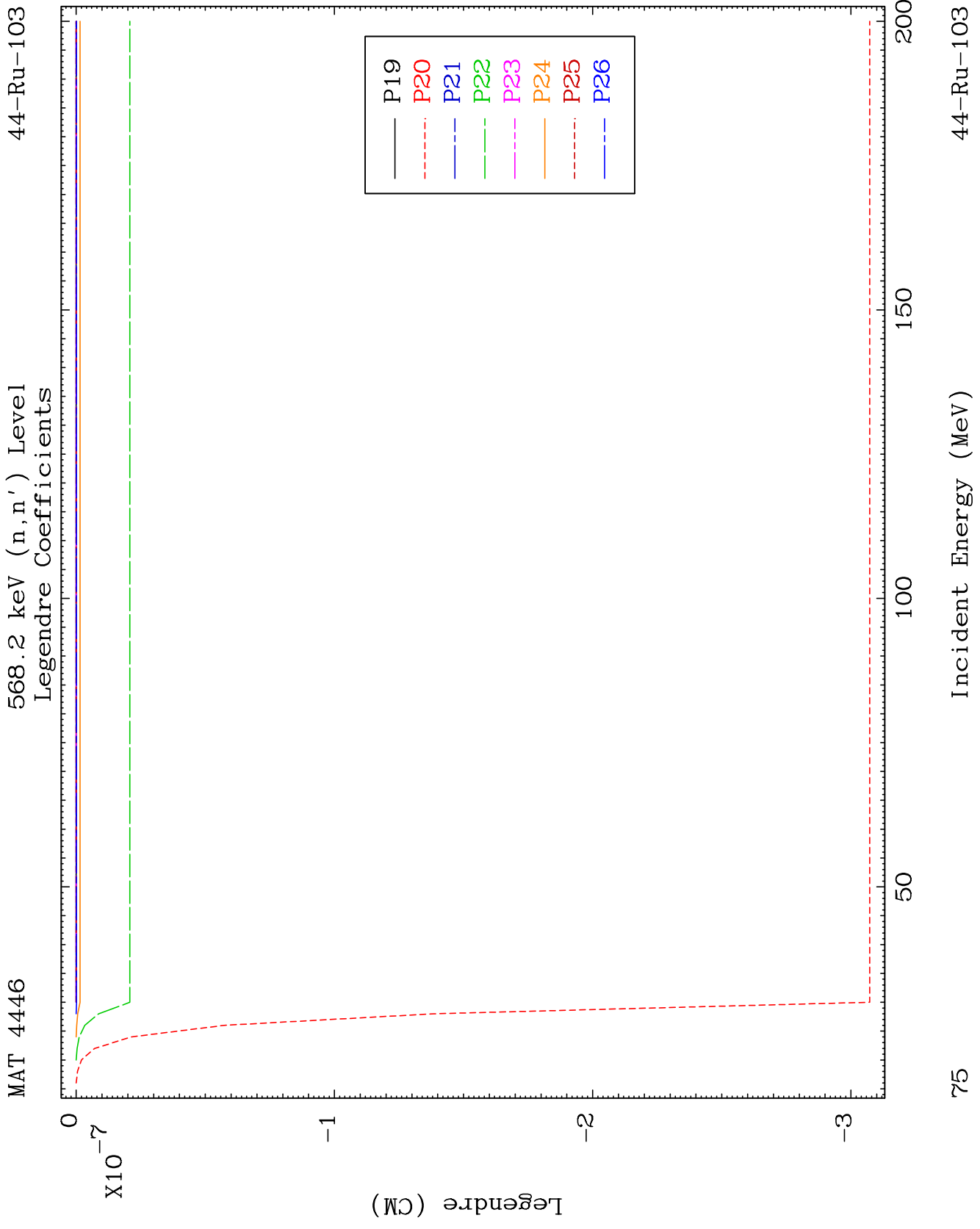
44-Ru-103



74

Incident Energy (MeV)

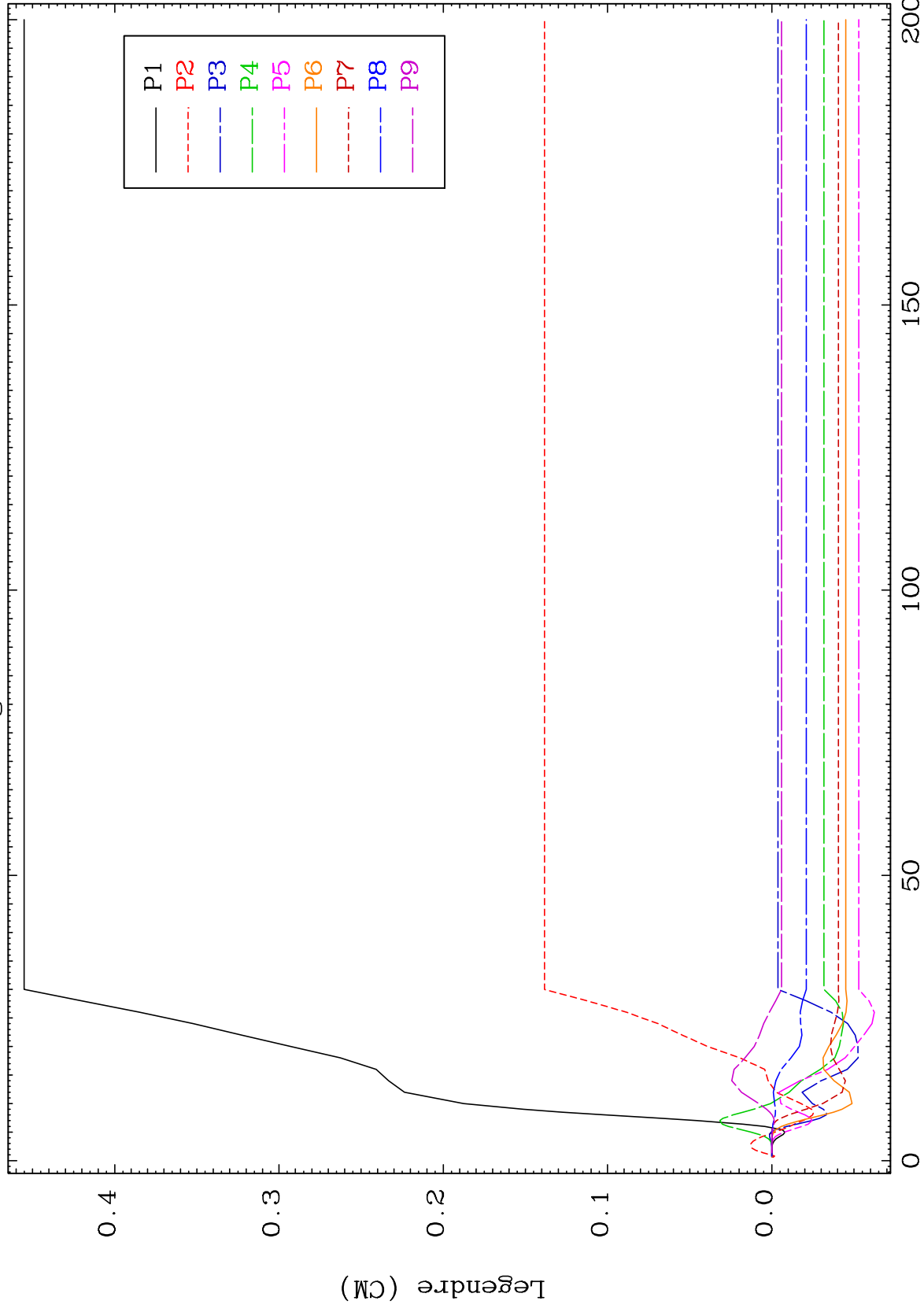
44-Ru-103



MAT 4446

592.0 keV (n,n') Level
Legendre Coefficients

44-Ru-103



76

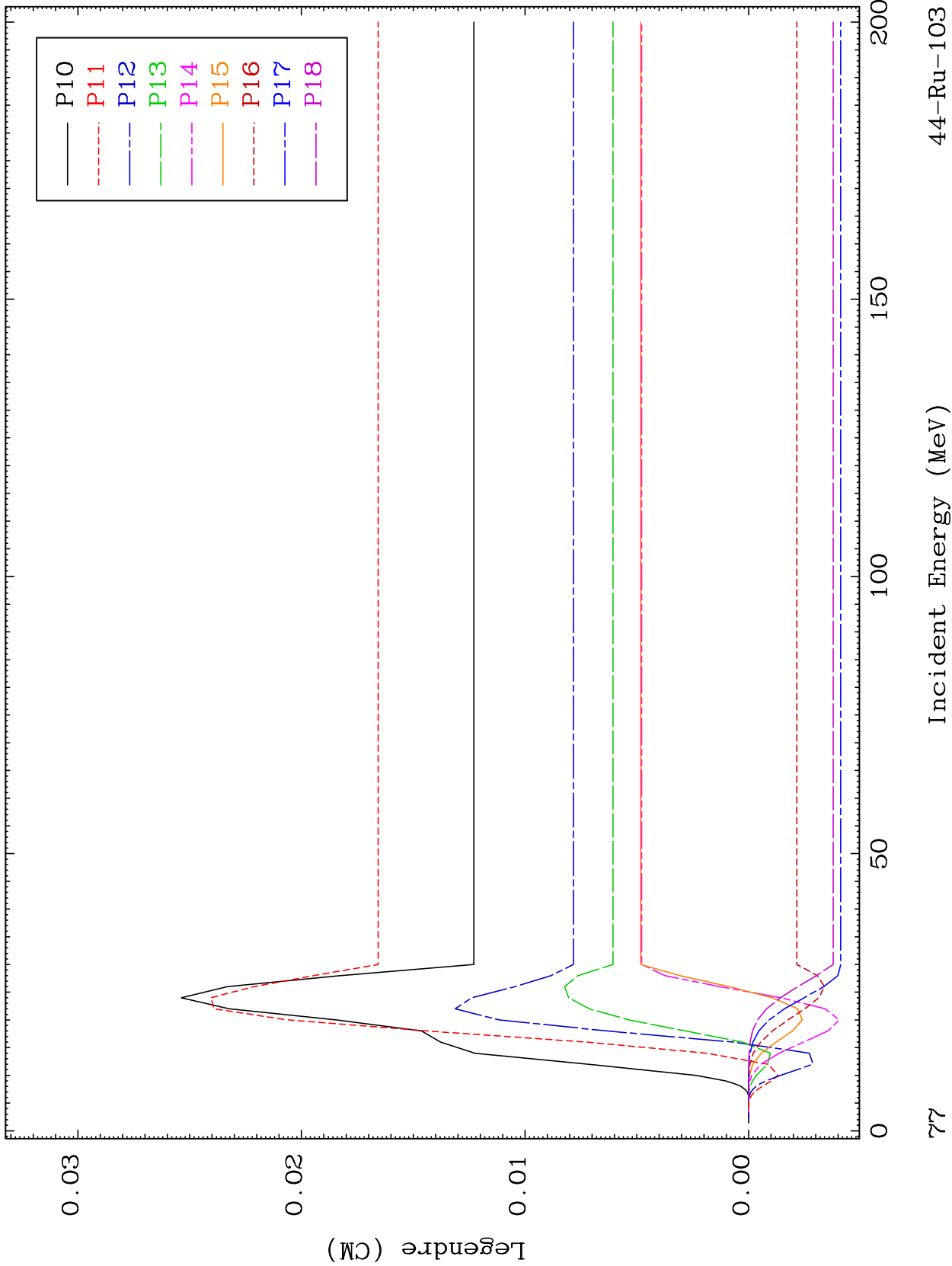
Incident Energy (MeV)

44-Ru-103

MAT 4446

592.0 keV (n,n') Level
Legendre Coefficients

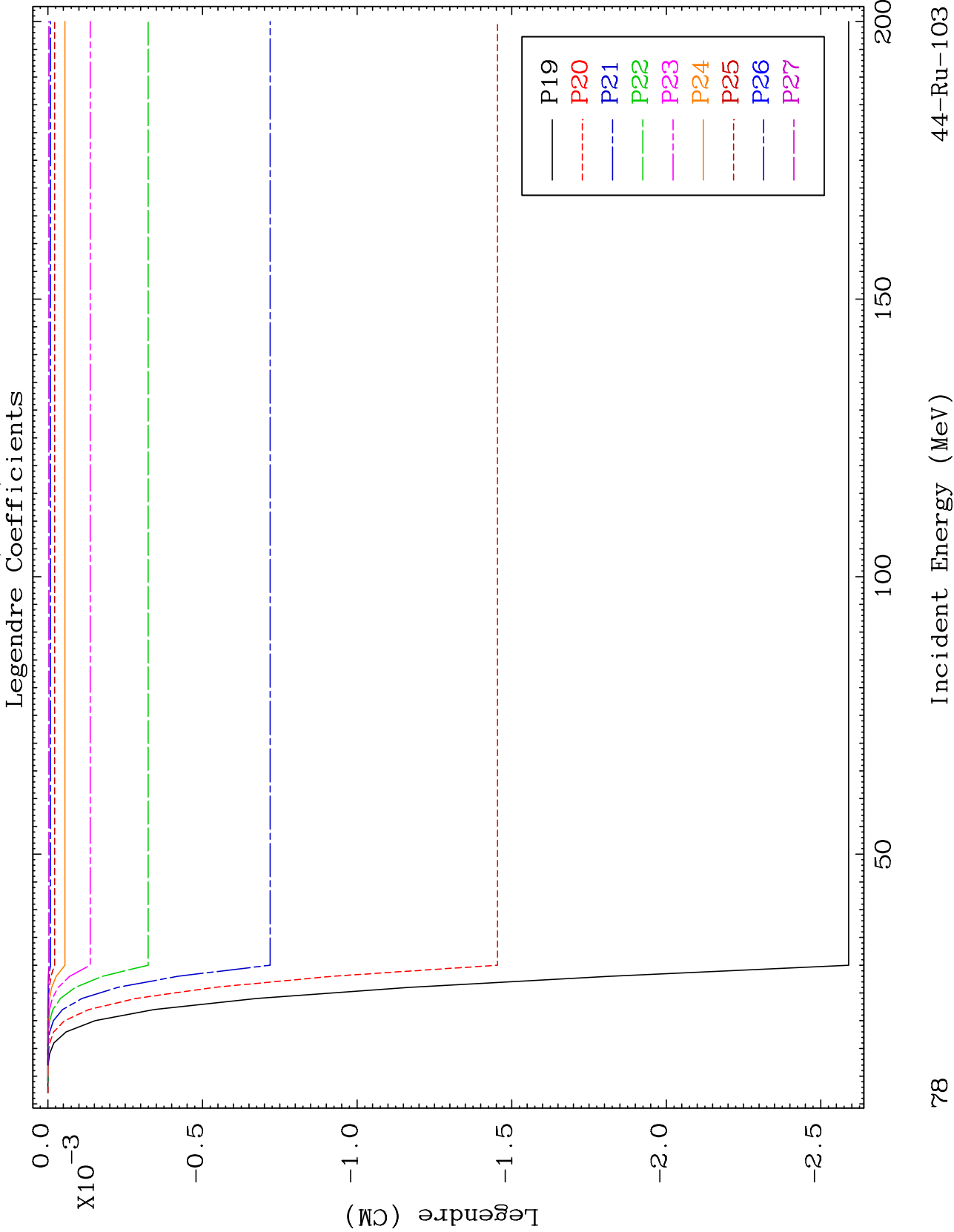
44-Ru-103

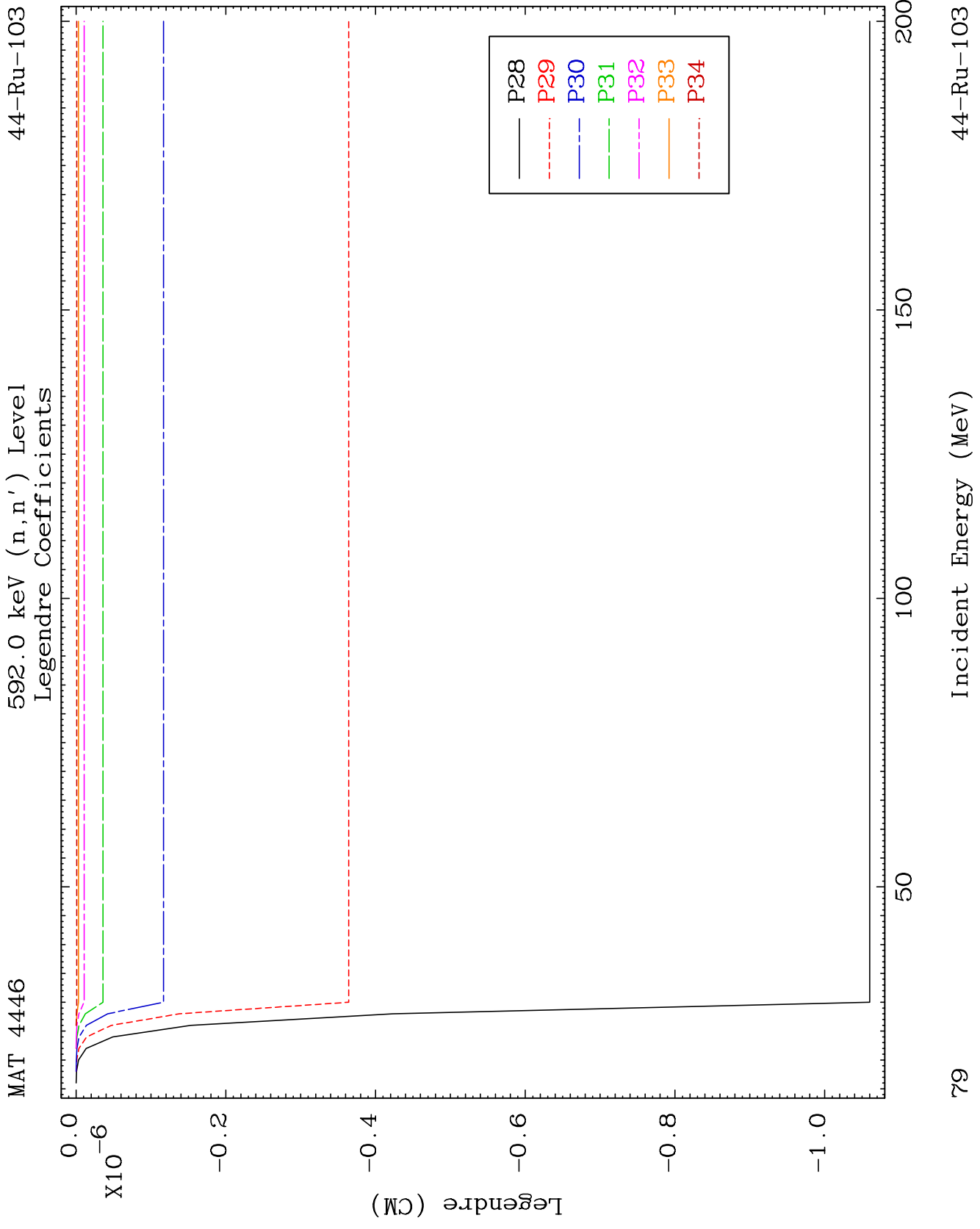


44-Ru-103

Incident Energy (MeV)

77

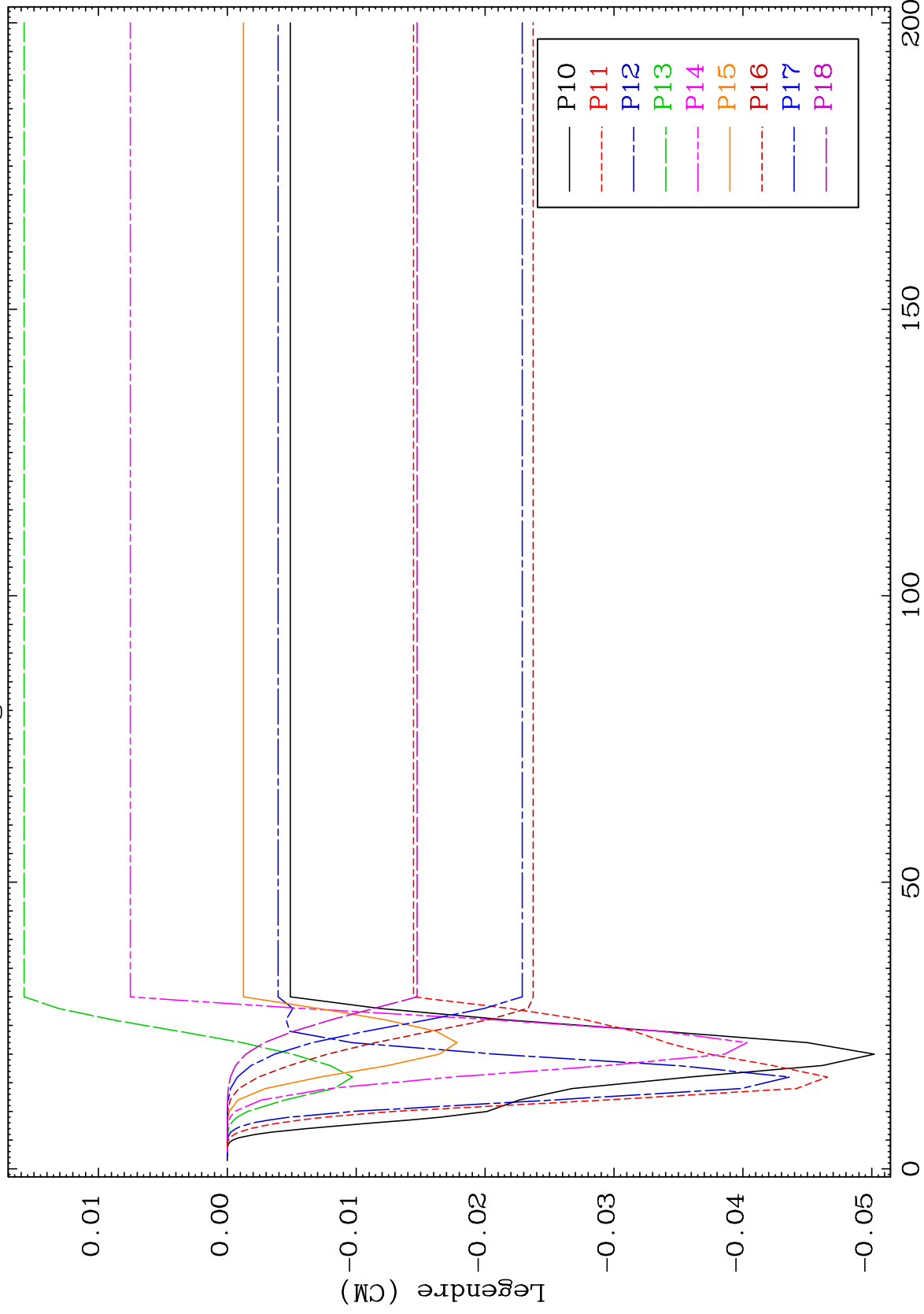




MAT 4446

622.0 keV (n,n') Level
Legendre Coefficients

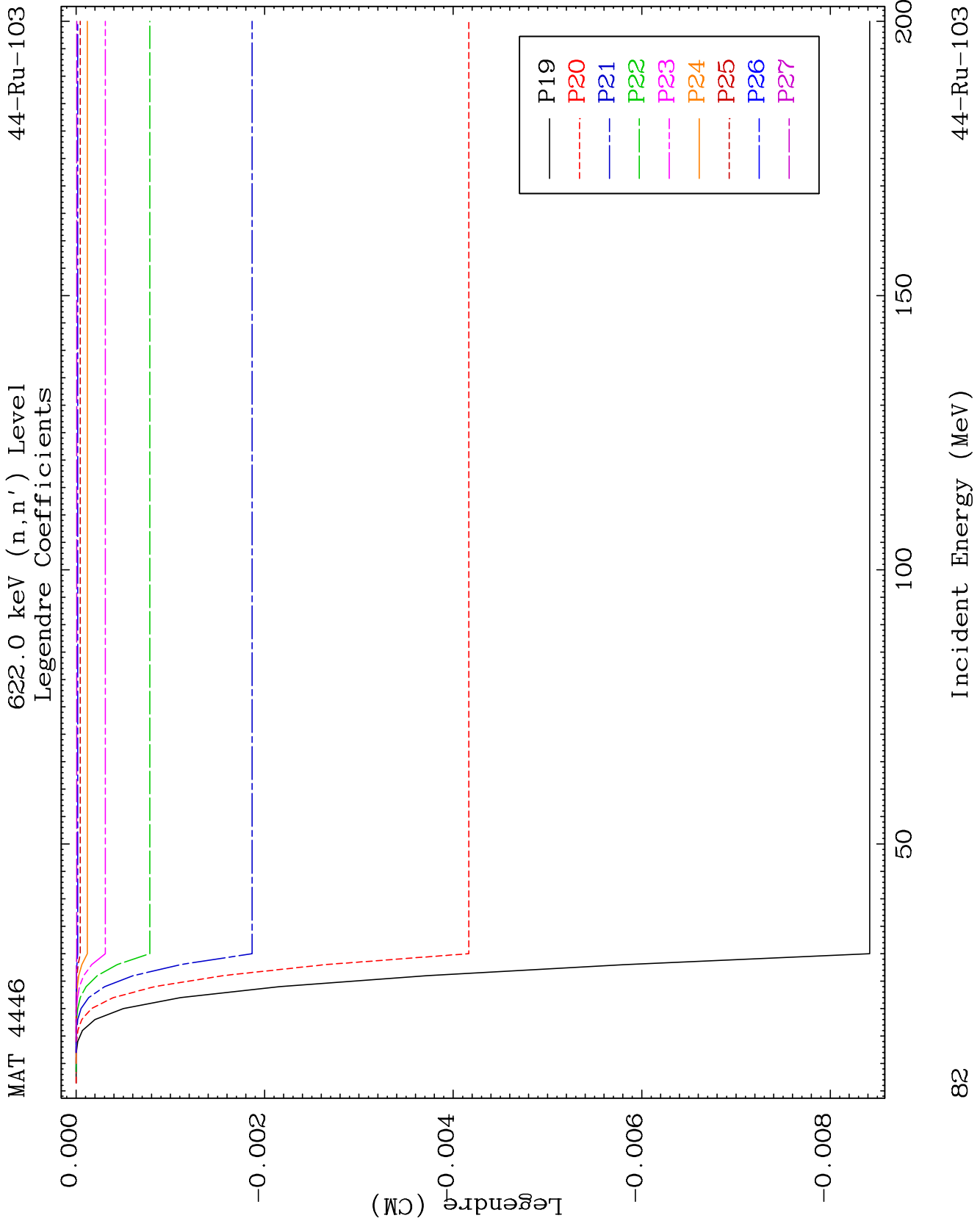
44-Ru-103

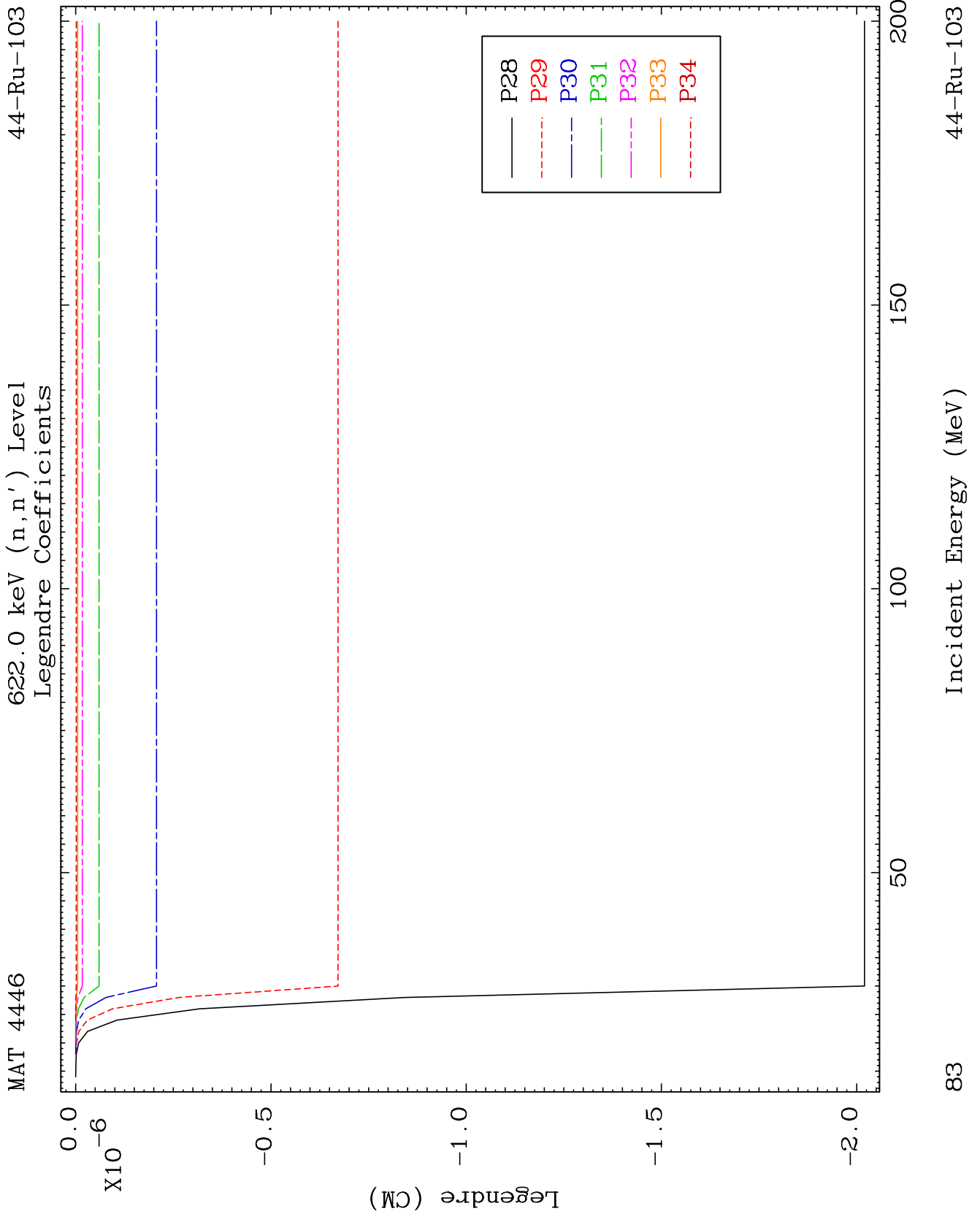


81

Incident Energy (MeV)

44-Ru-103

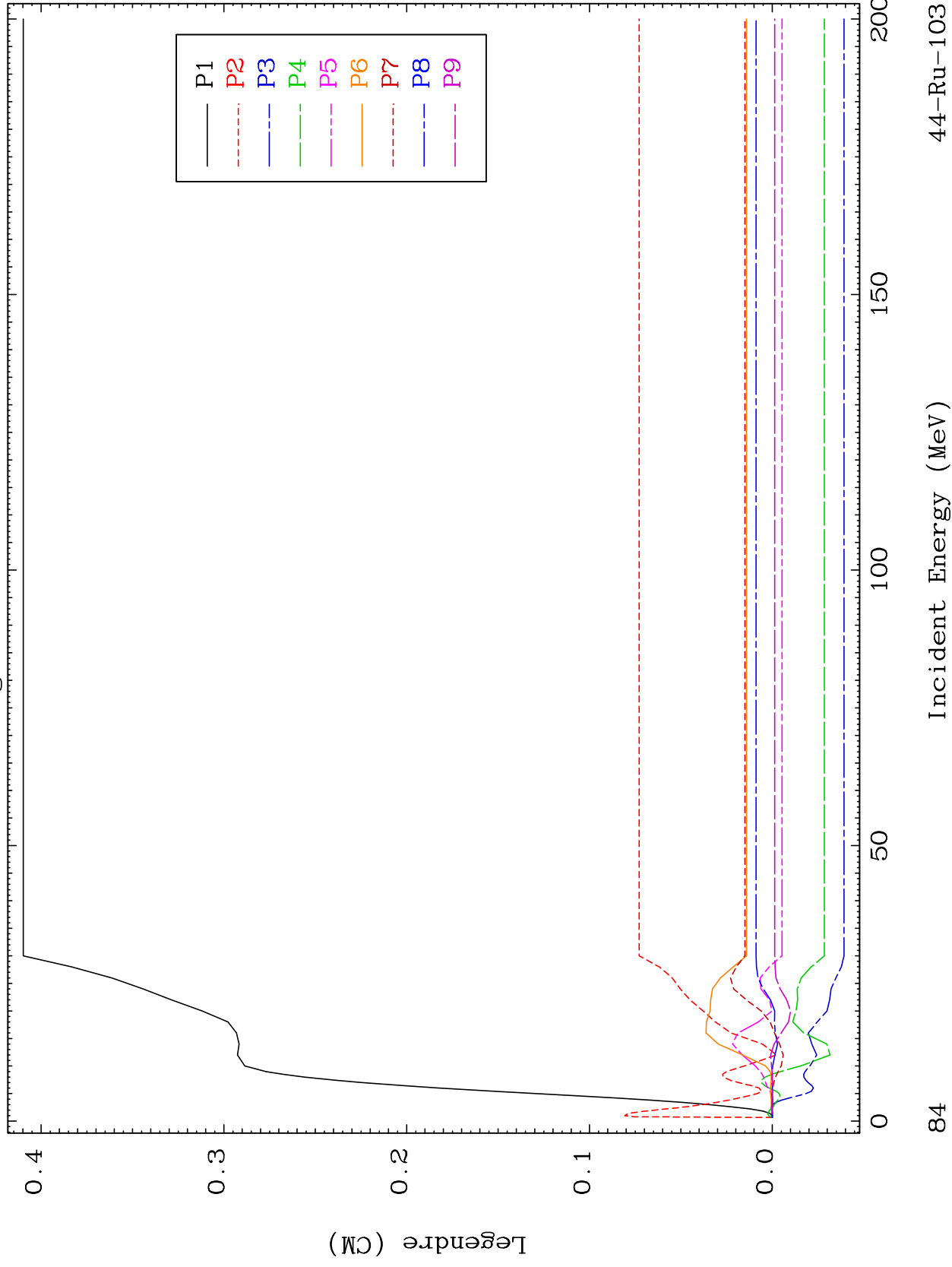




MAT 4446

653.7 keV (n,n') Level
Legendre Coefficients

44-Ru-103



84

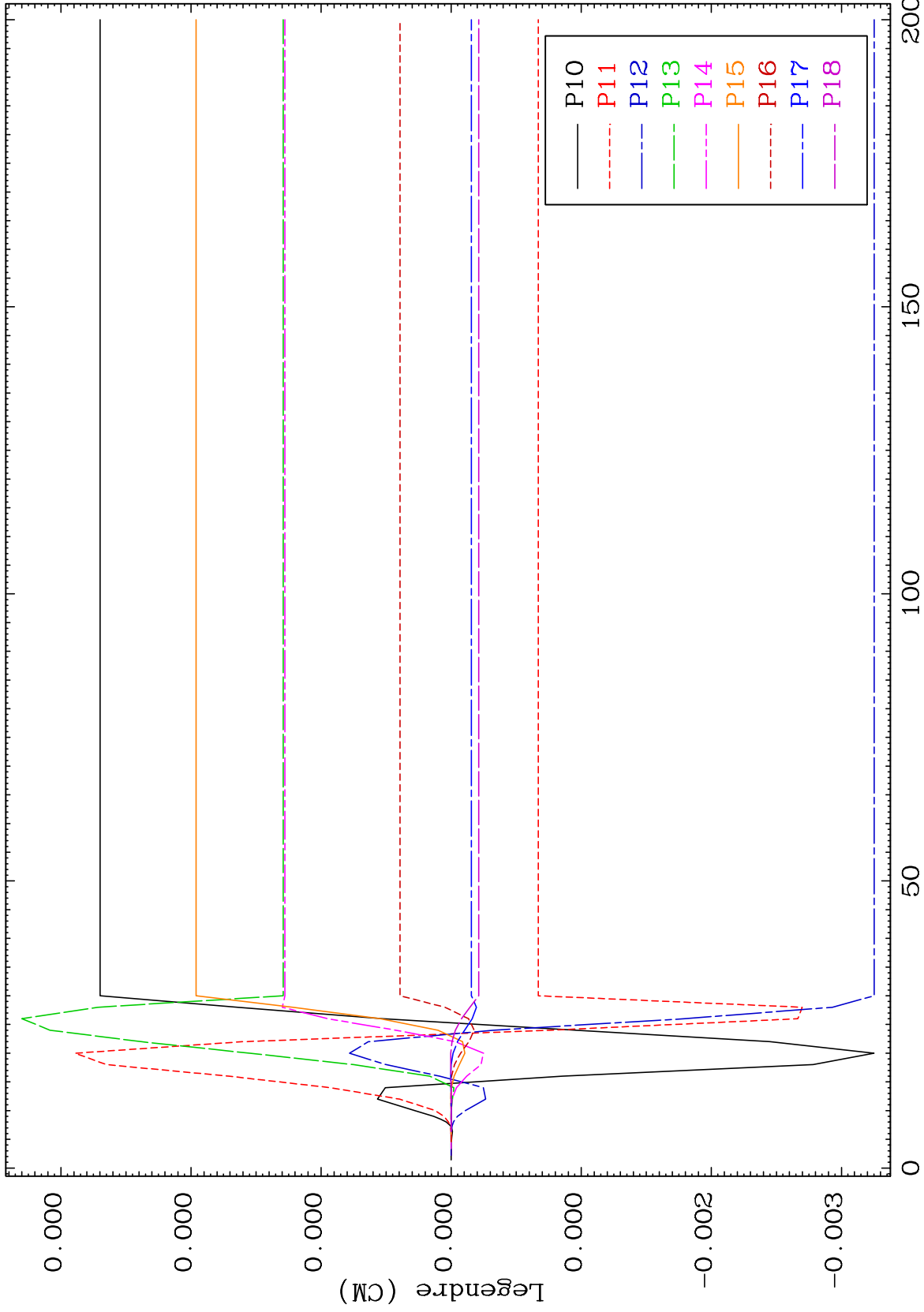
Incident Energy (MeV)

44-Ru-103

MAT 4446

653.7 keV (n,n') Level
Legendre Coefficients

44-Ru-103



85

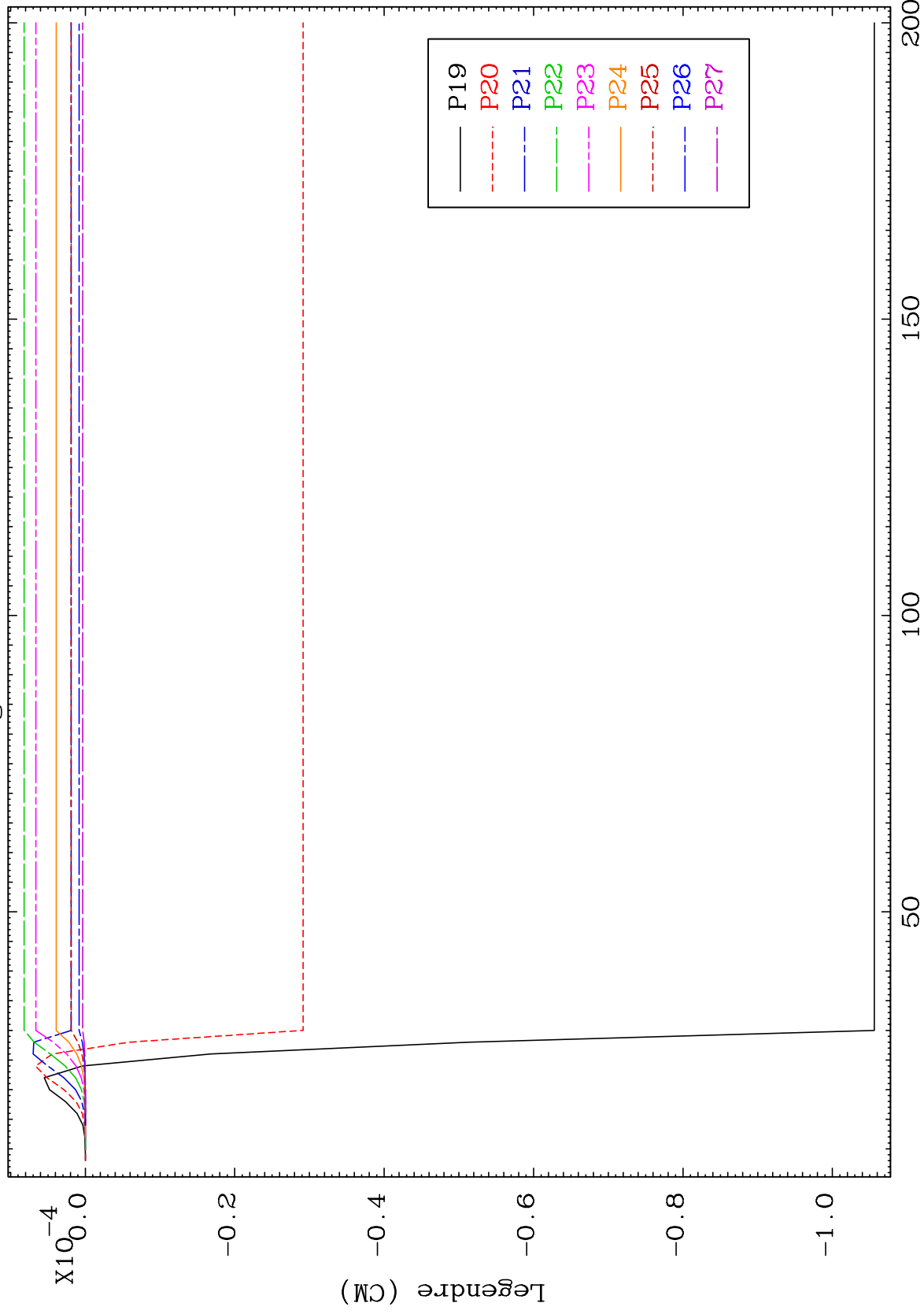
Incident Energy (MeV)

44-Ru-103

MAT 4446

653.7 keV (n,n') Level
Legendre Coefficients

44-Ru-103



86

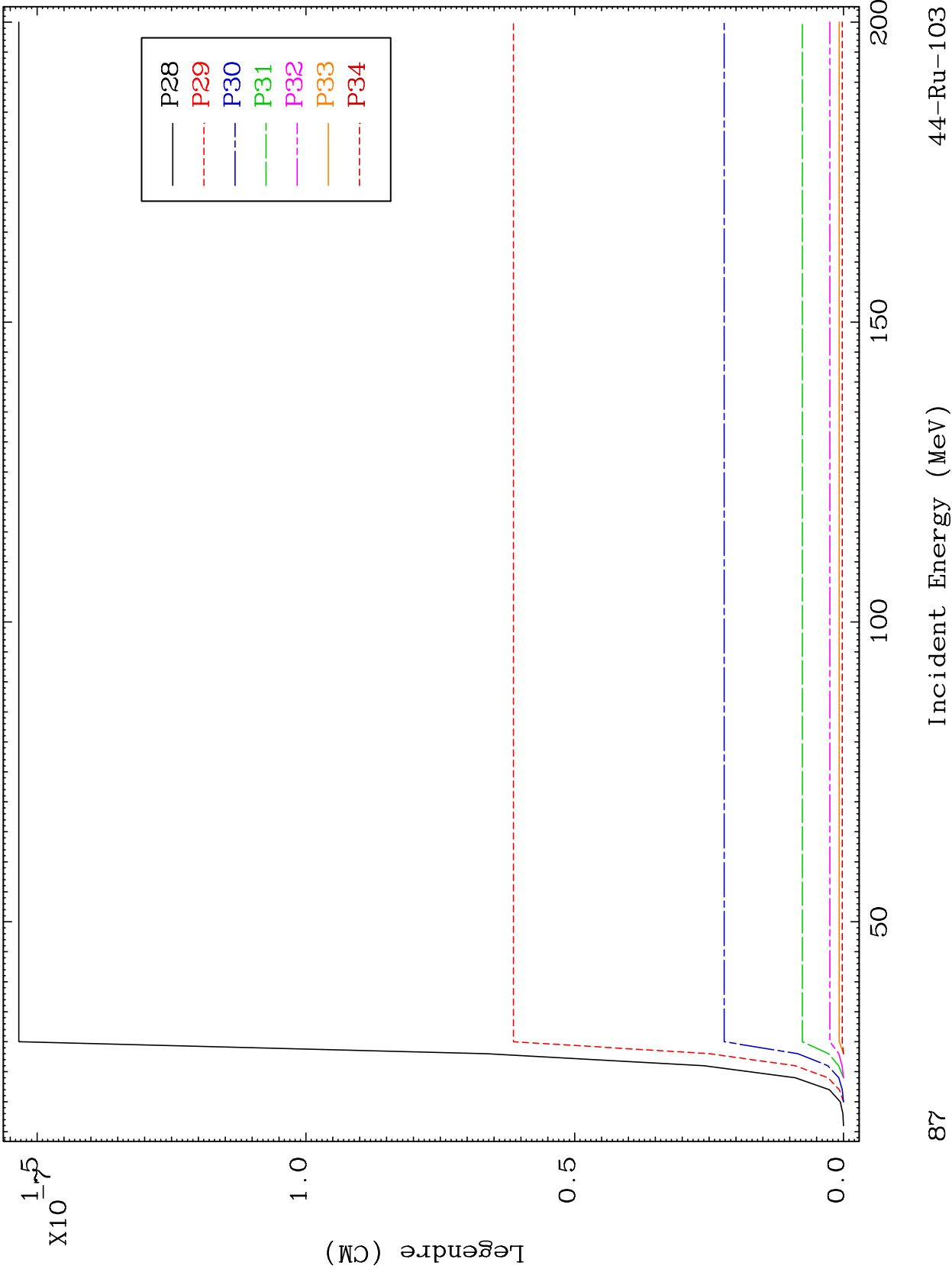
Incident Energy (MeV)

44-Ru-103

MAT 4446

653.7 keV (n,n') Level
Legendre Coefficients

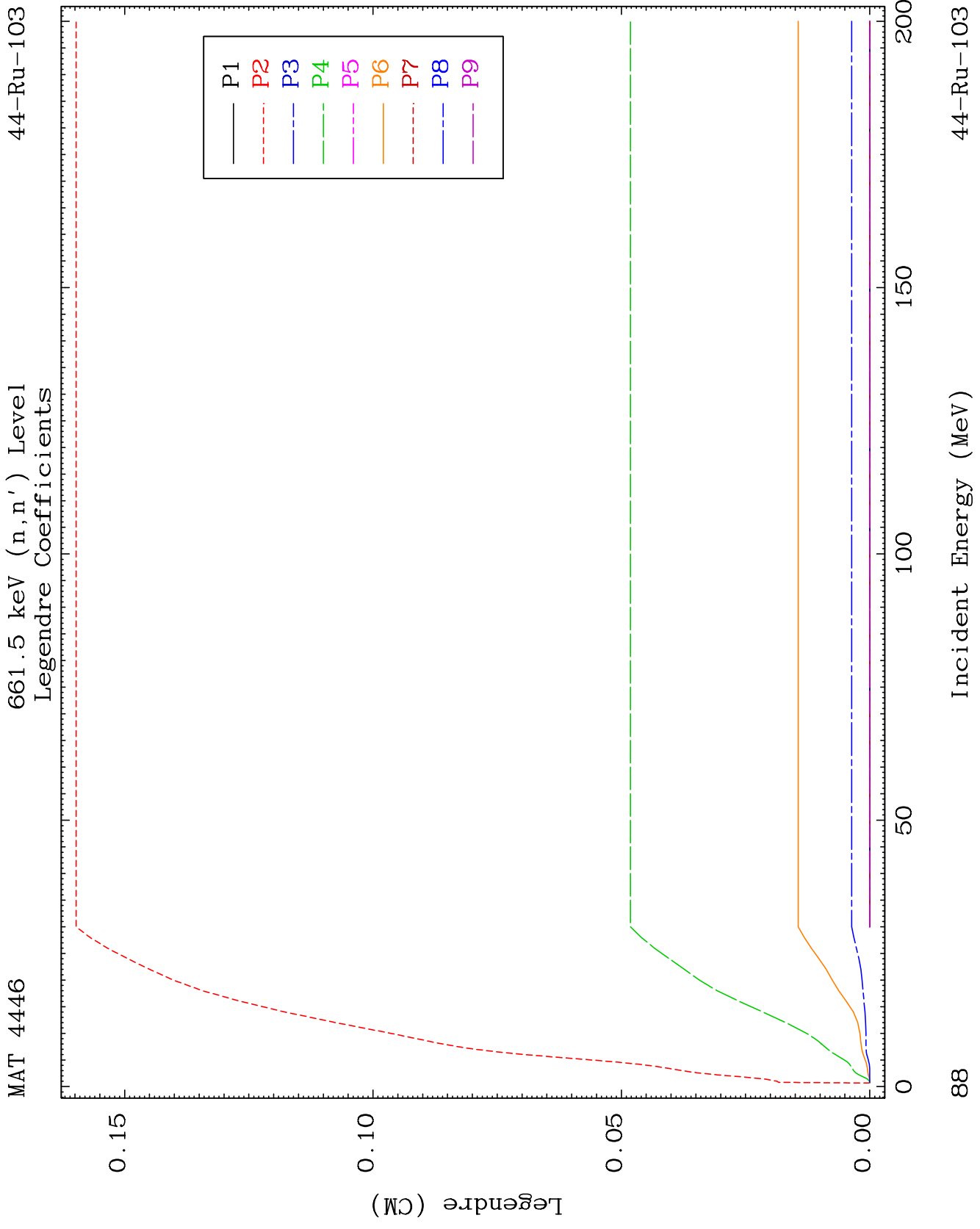
44-Ru-103



87

Incident Energy (MeV)

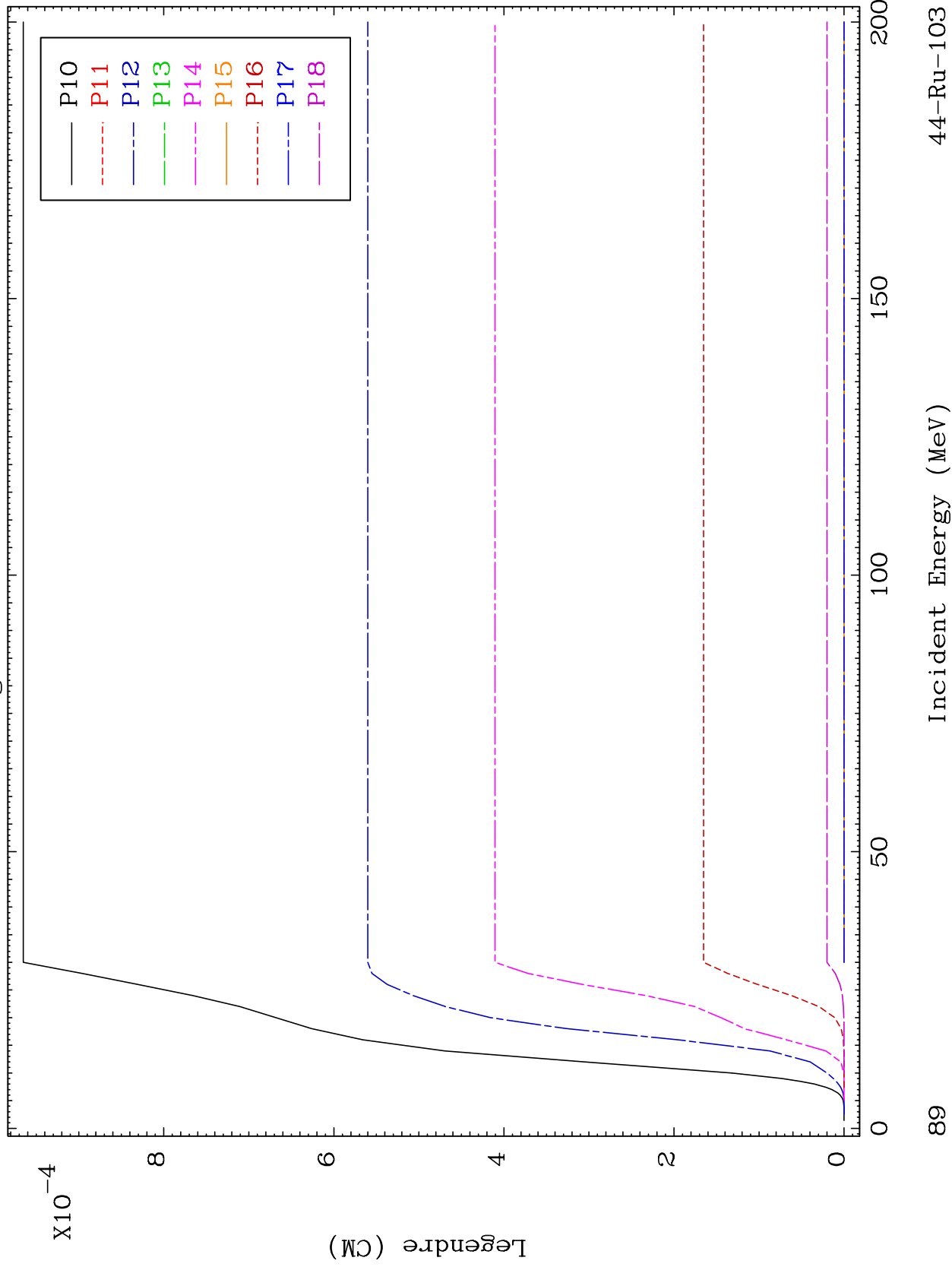
44-Ru-103

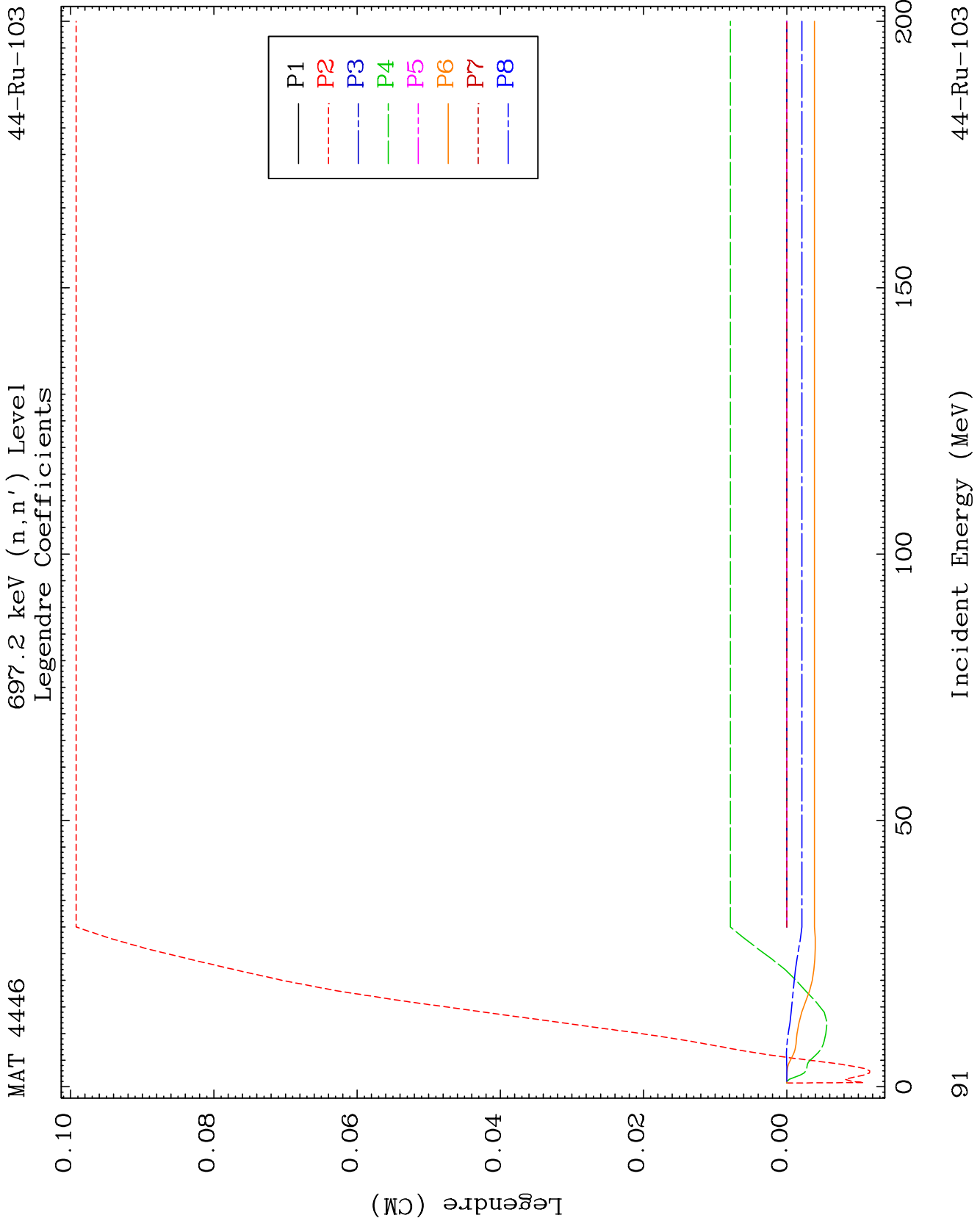


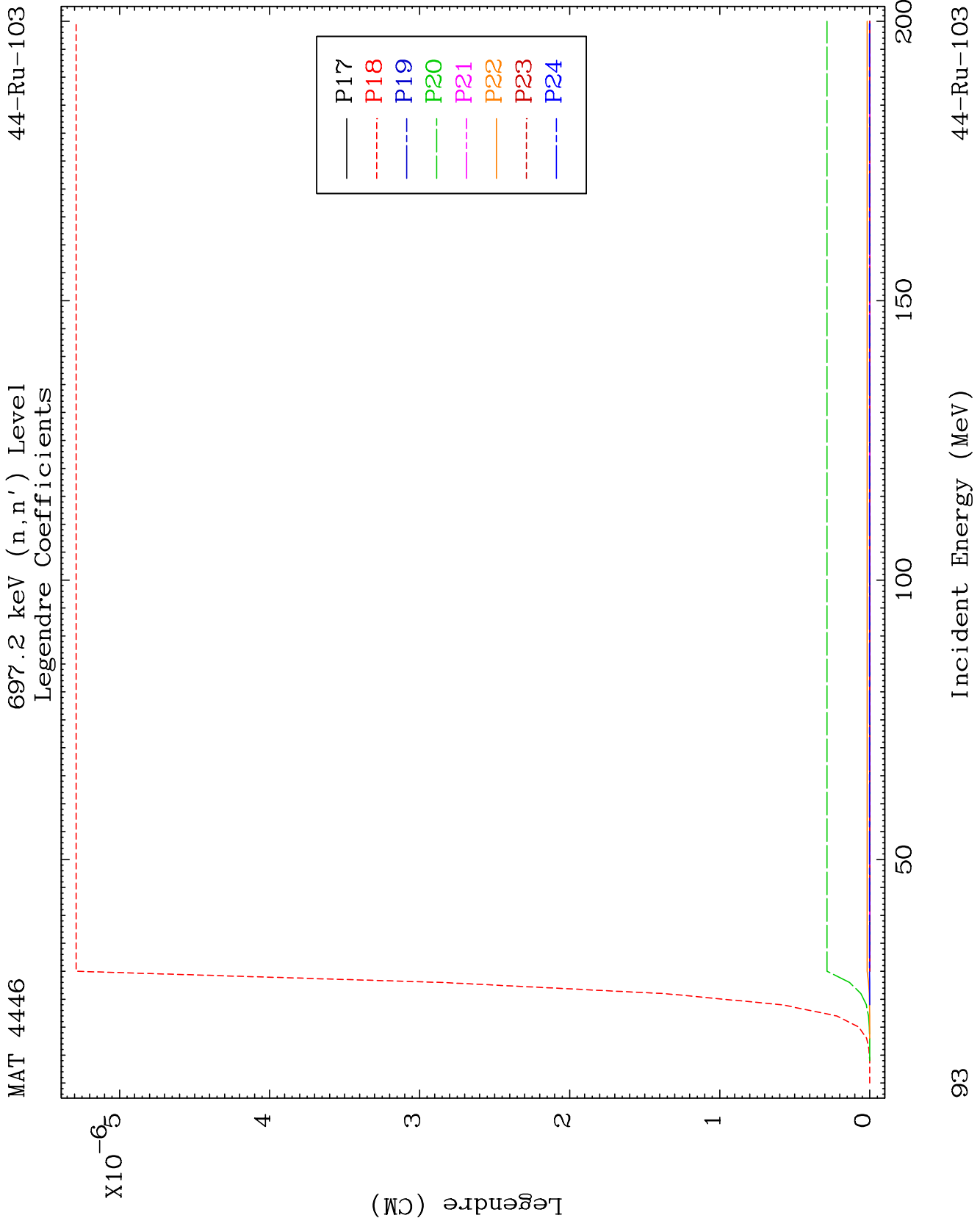
MAT 4446

661.5 keV (n,n') Level
Legendre Coefficients

44-Ru-103



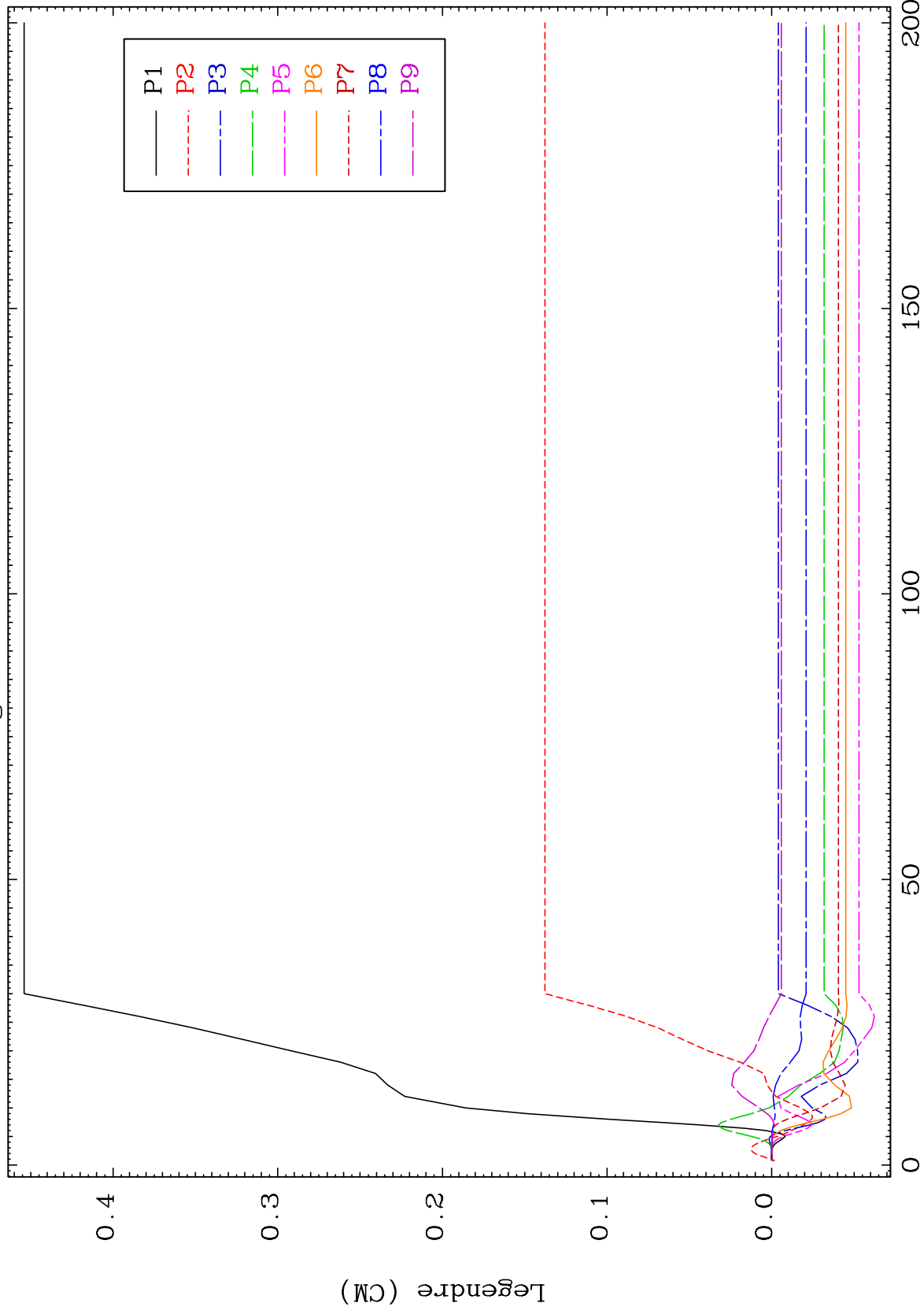




MAT 4446

735.2 keV (n,n') Level
Legendre Coefficients

44-Ru-103



94

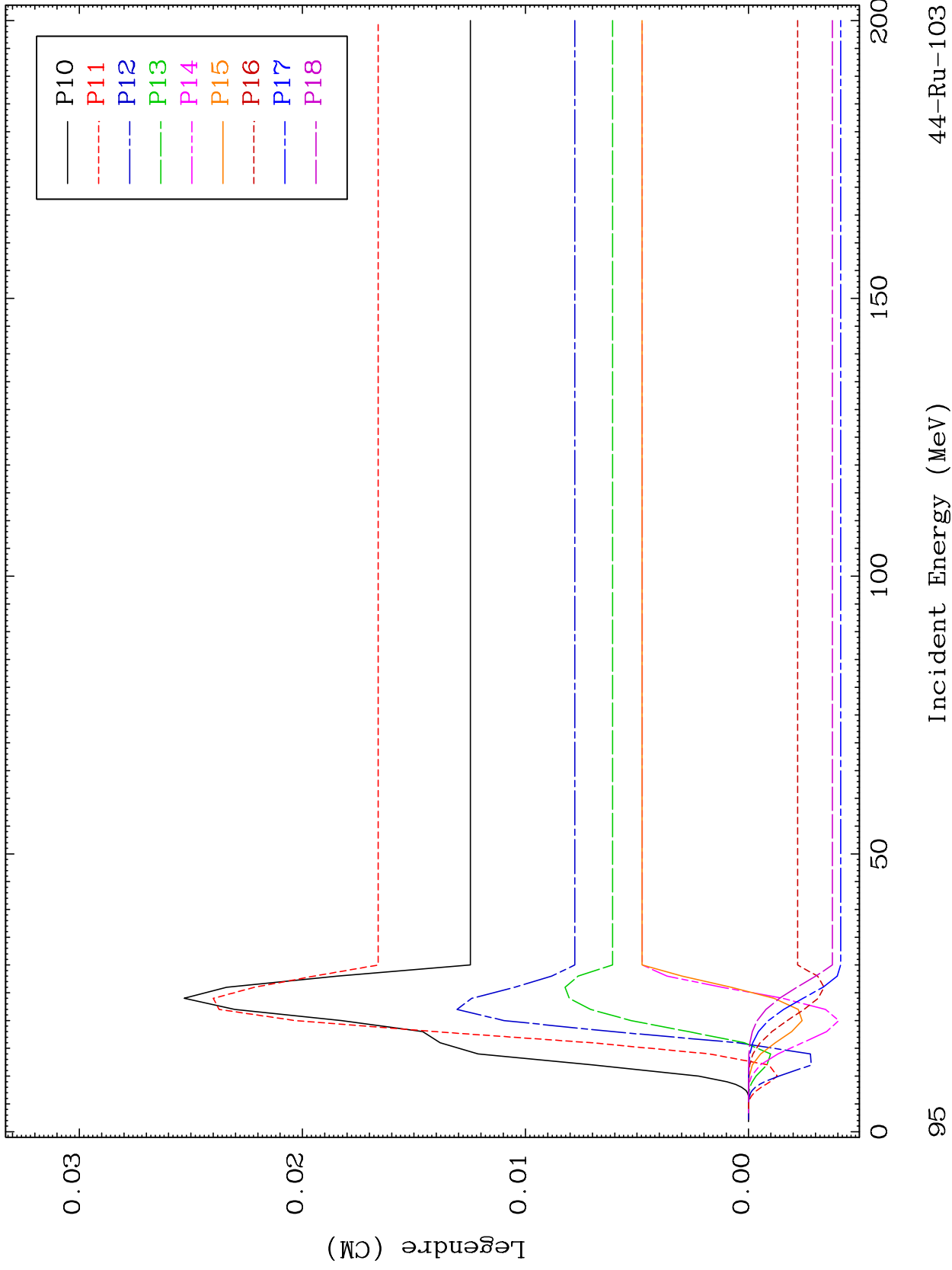
Incident Energy (MeV)

44-Ru-103

MAT 4446

735.2 keV (n, n') Level
Legendre Coefficients

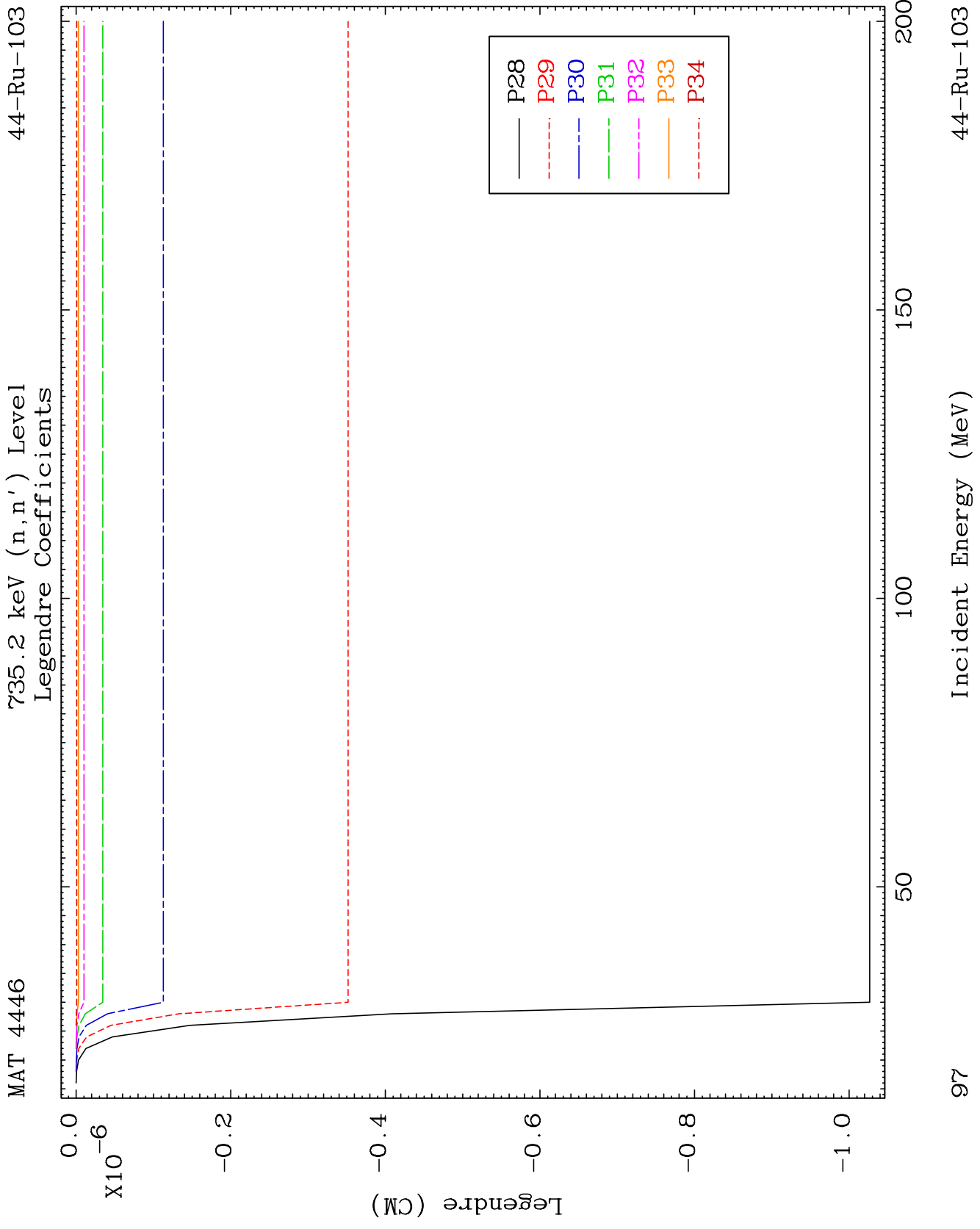
44-Ru-103

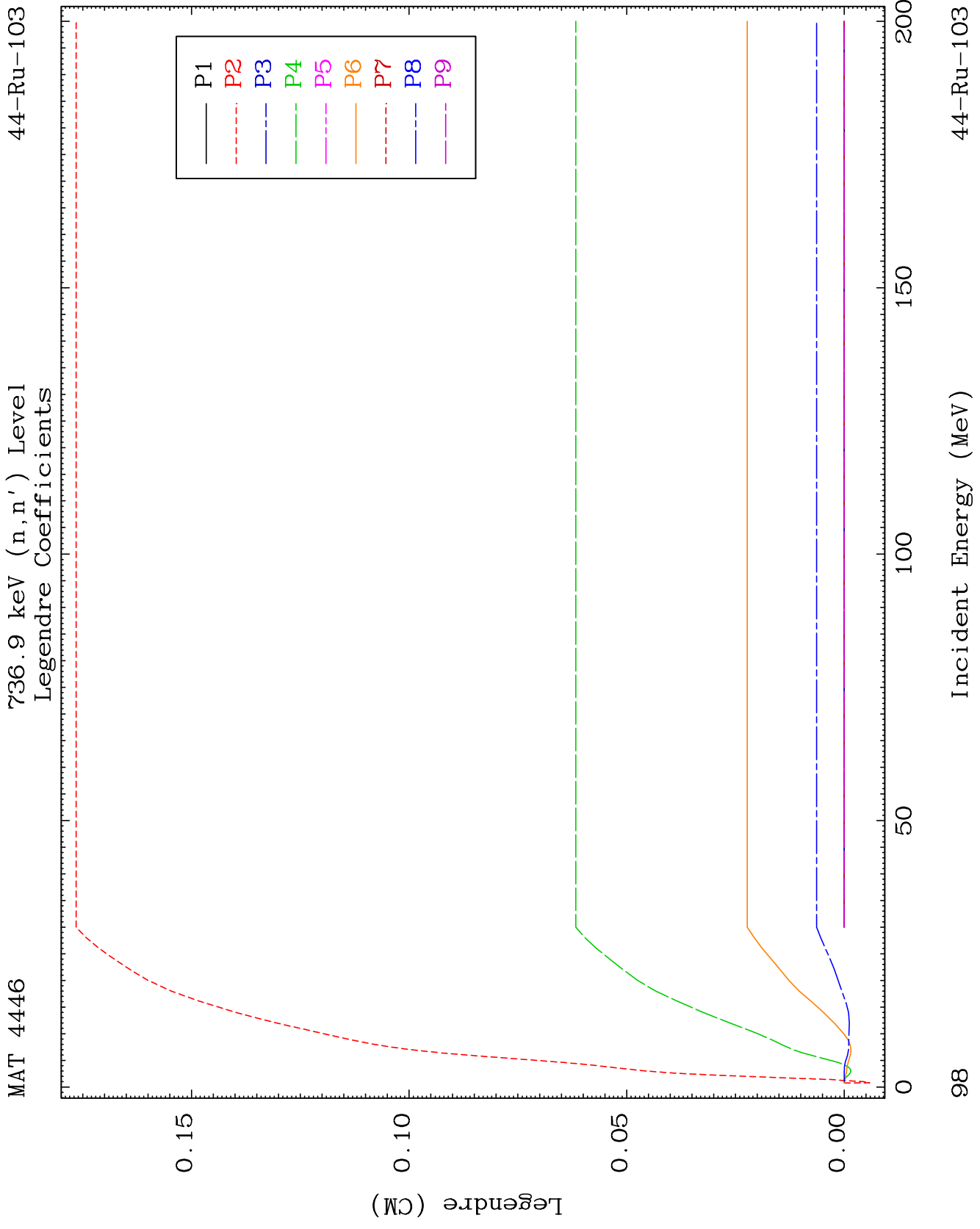


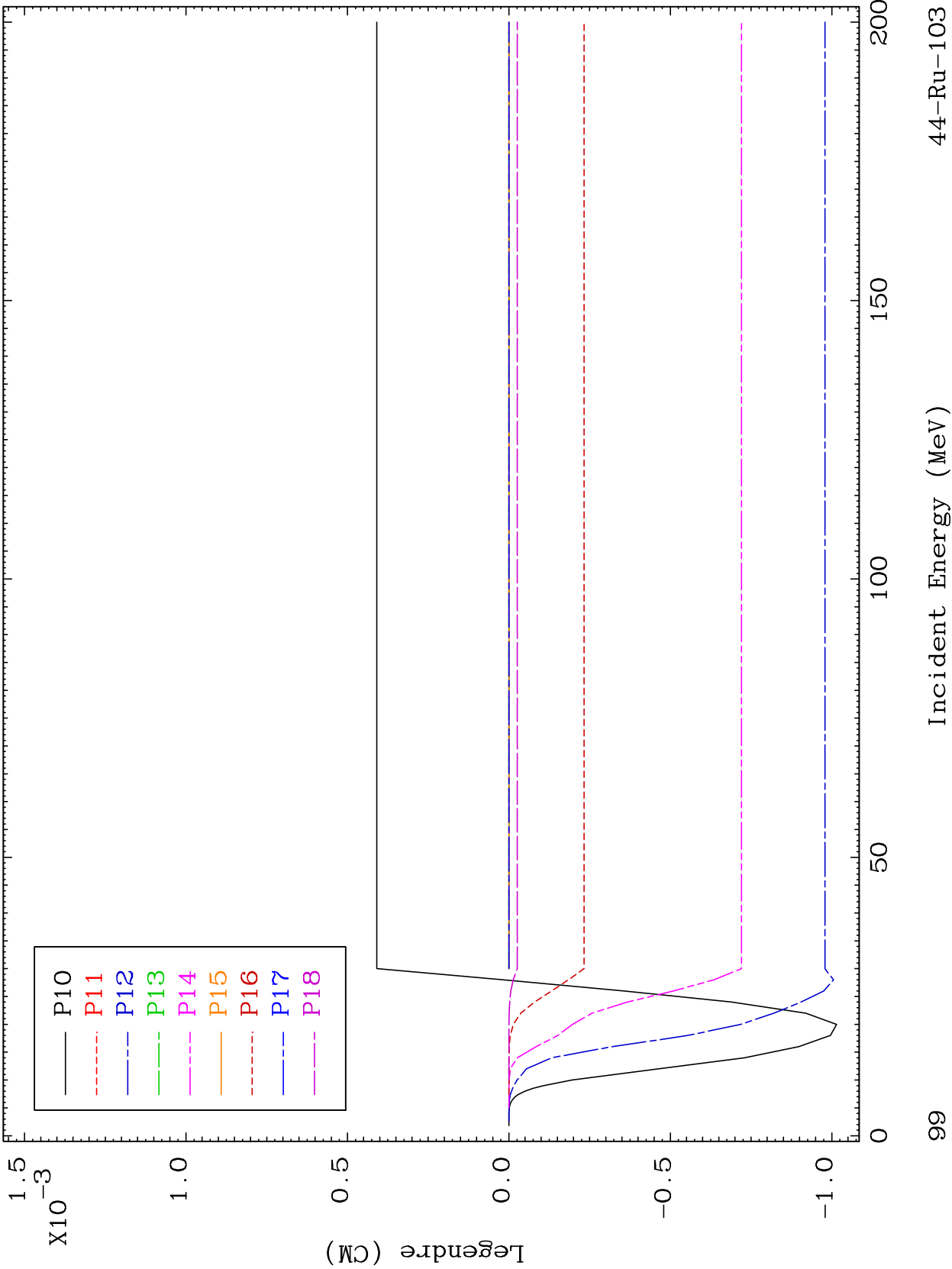
95

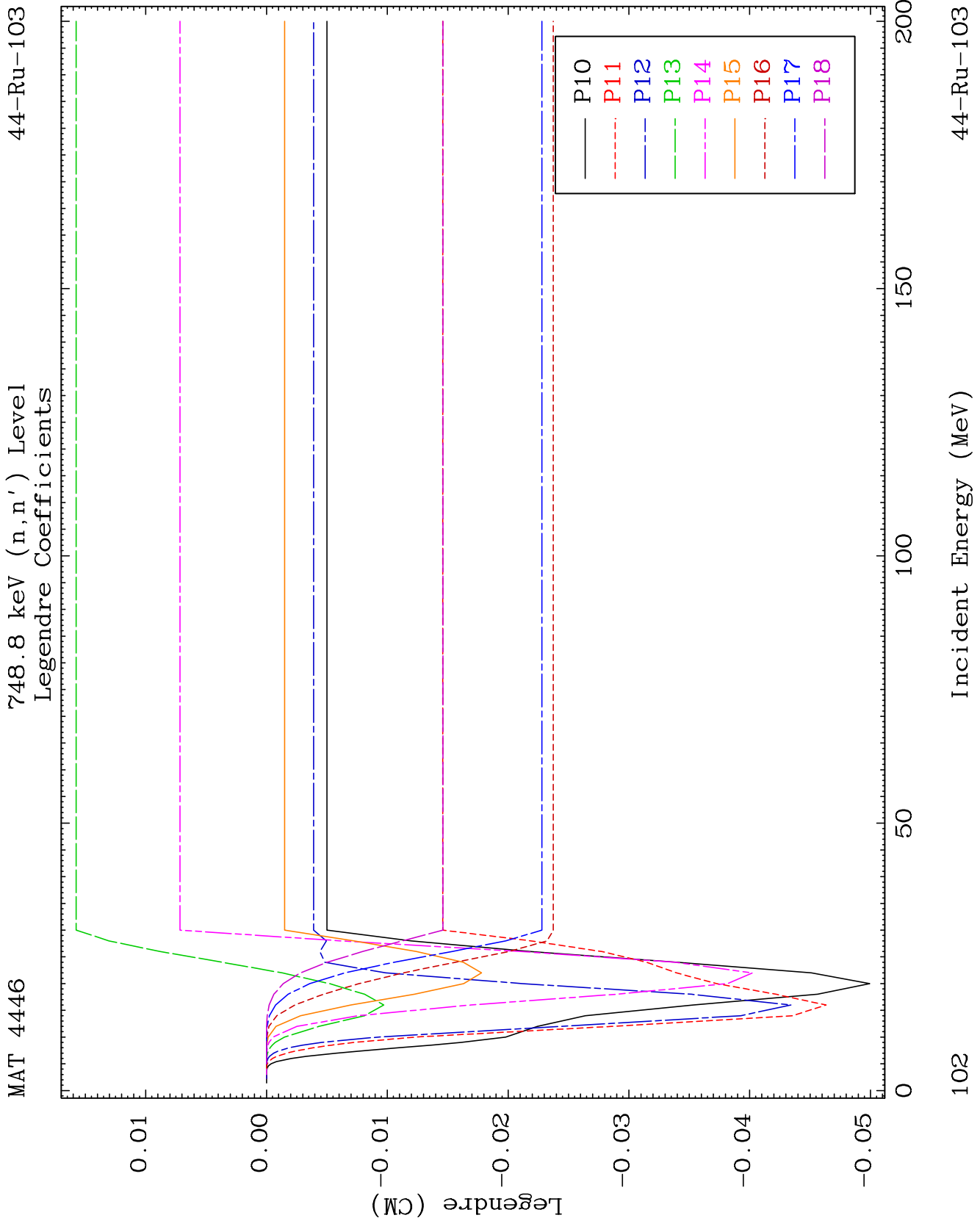
Incident Energy (MeV)

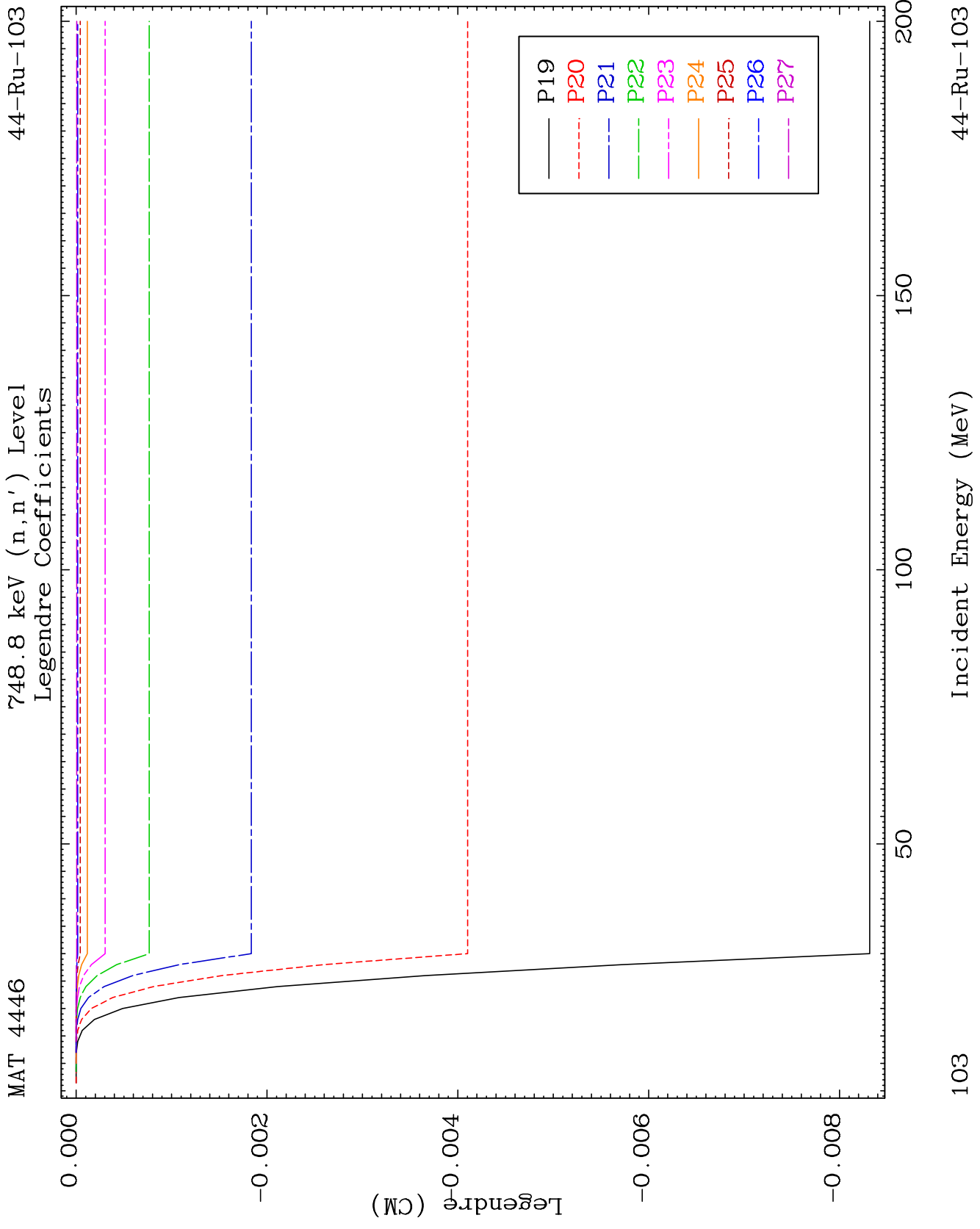
44-Ru-103

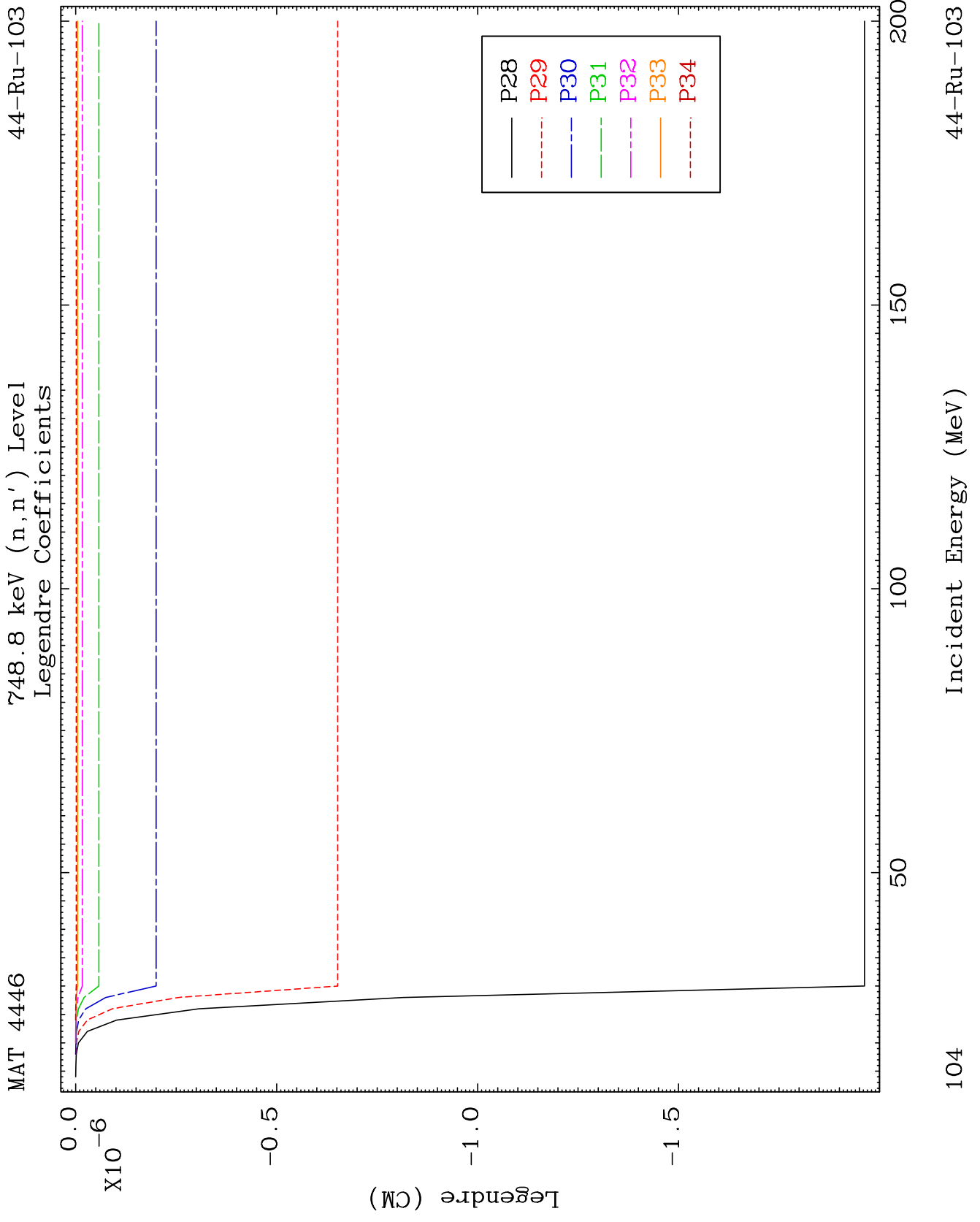








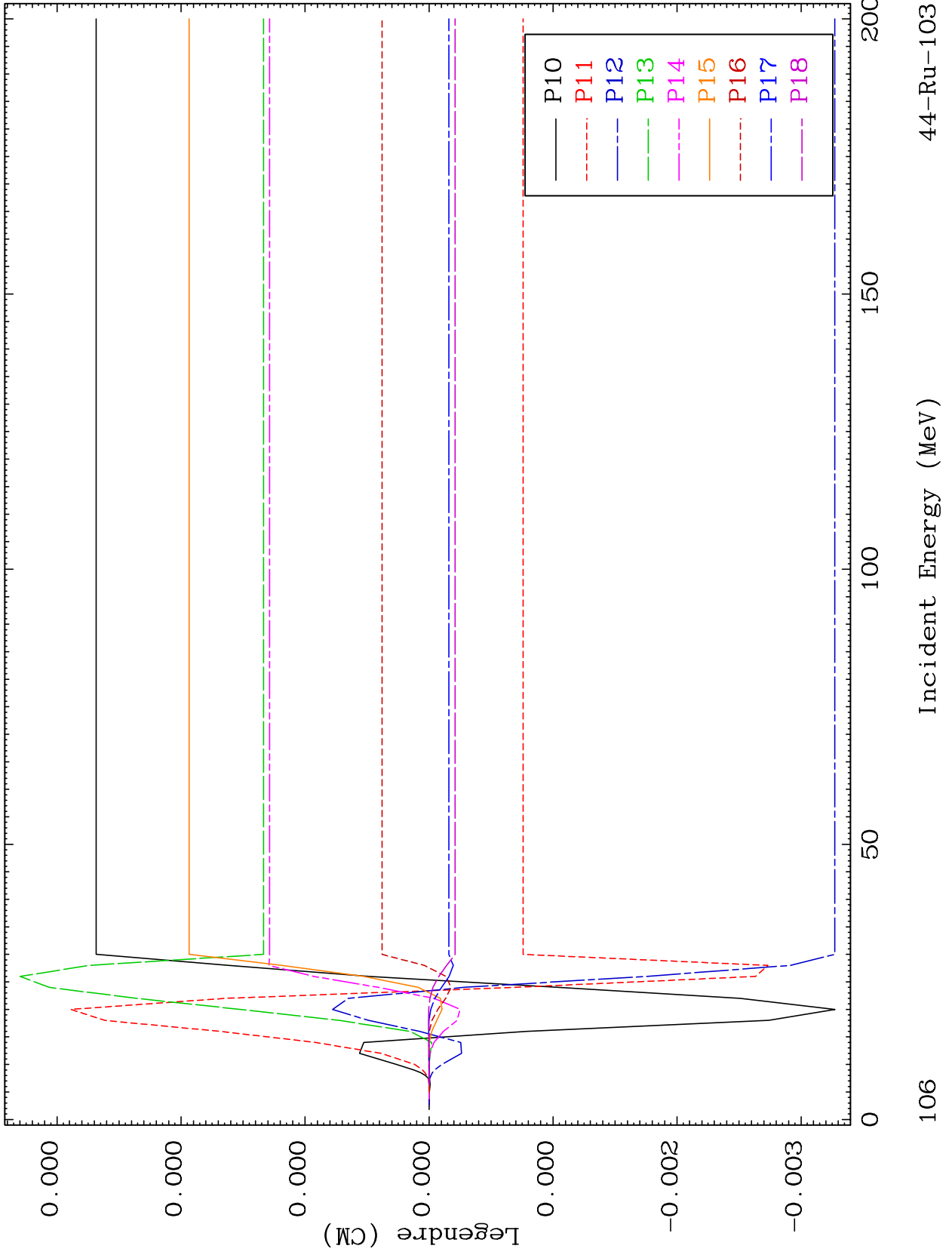




MAT 4446

774.1 keV (n,n') Level
Legendre Coefficients

44-Ru-103

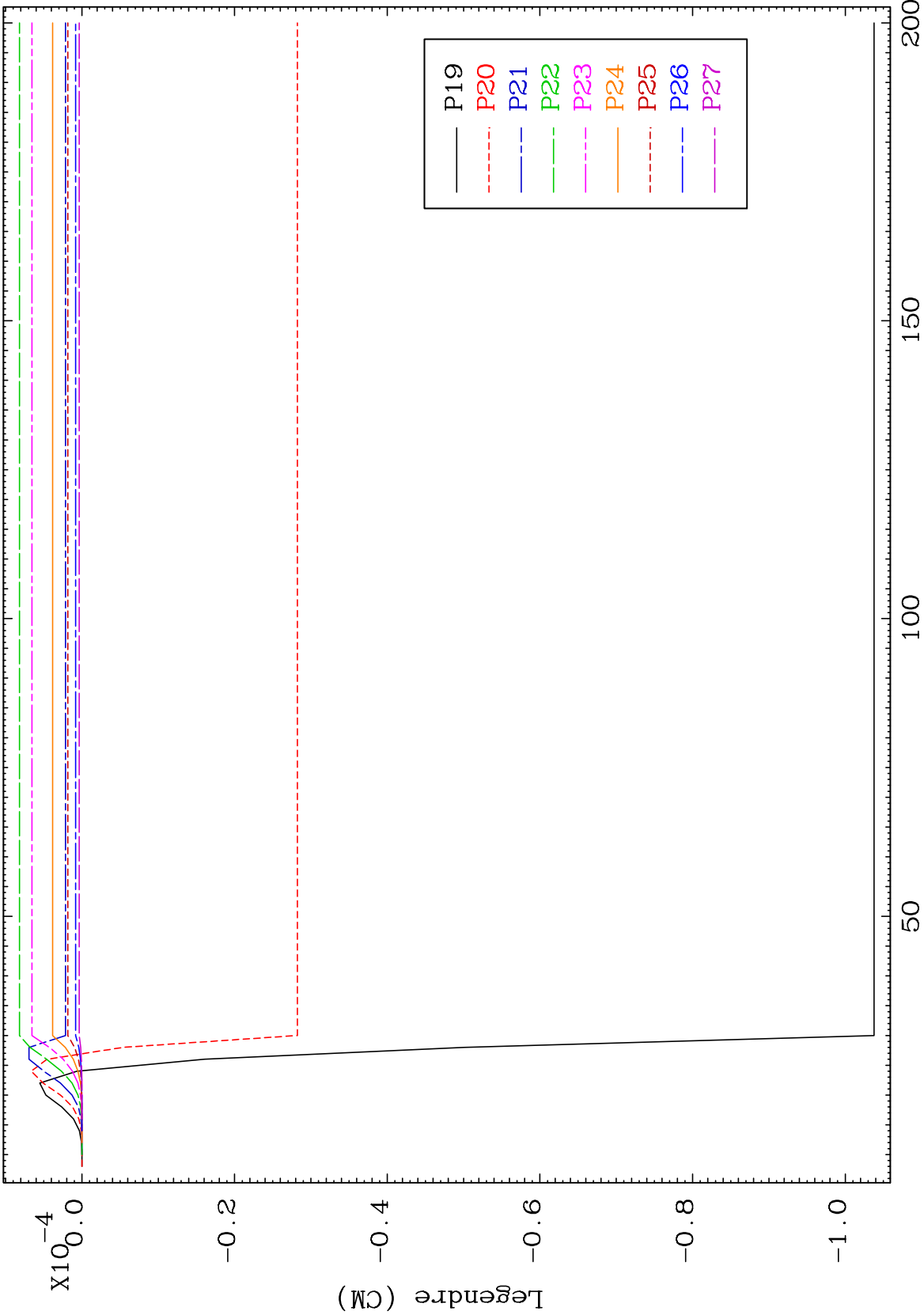


106

Incident Energy (MeV)

44-Ru-103

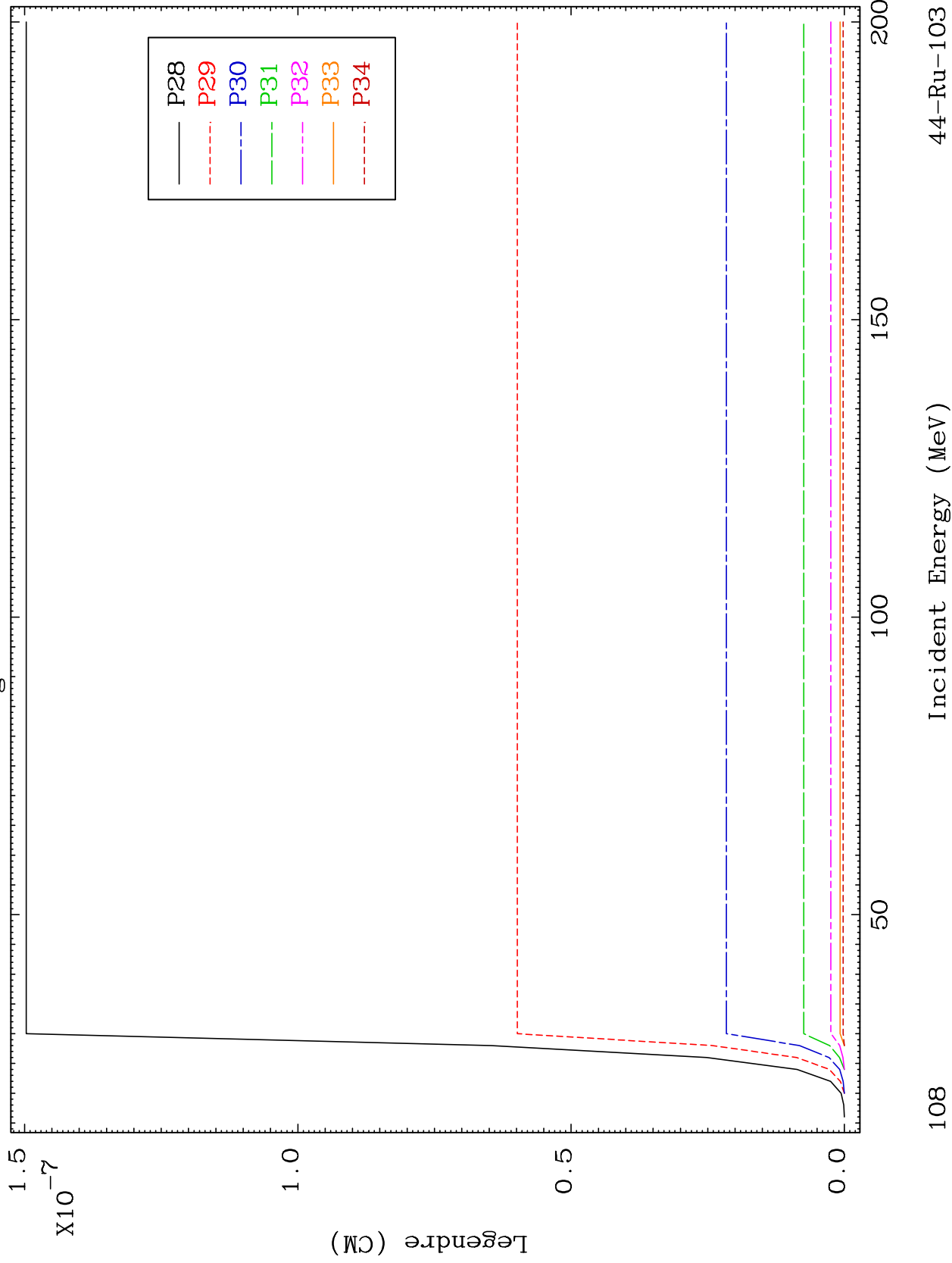
Legendre Coefficients



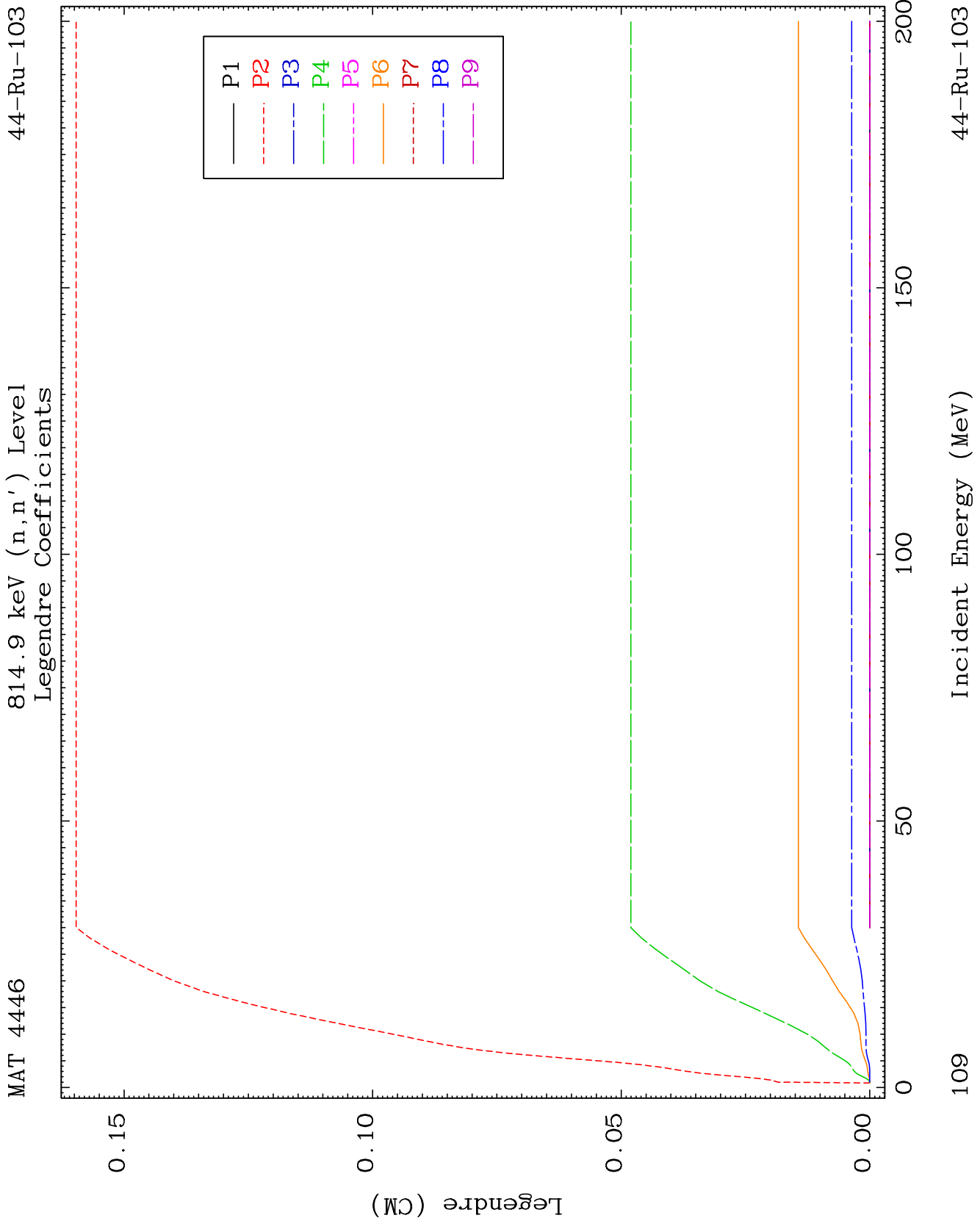
MAT 4446

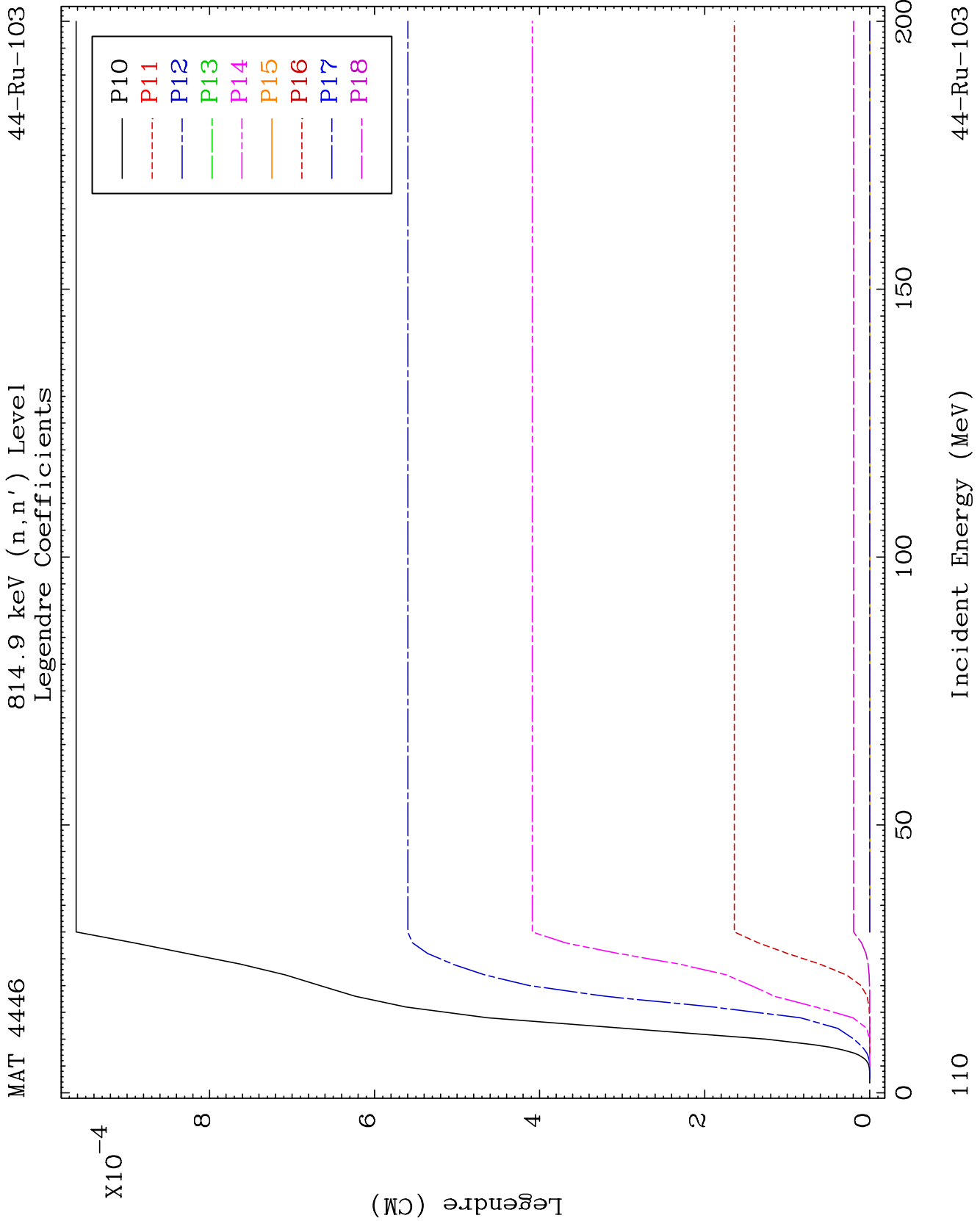
774.1 keV (n, n') Level
Legendre Coefficients

44-Ru-103



108

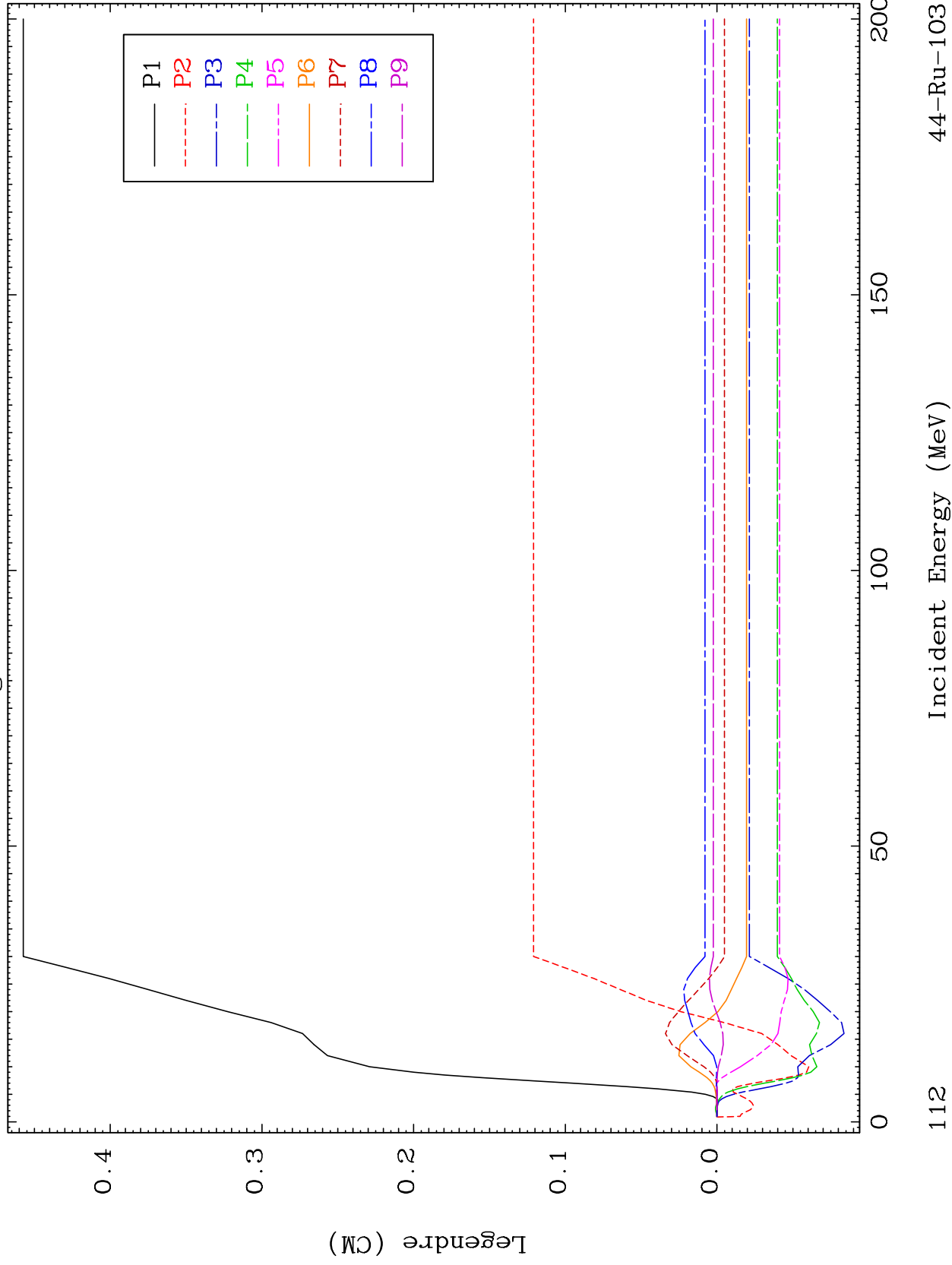




MAT 4446

855.0 keV (n,n') Level
Legendre Coefficients

44-Ru-103

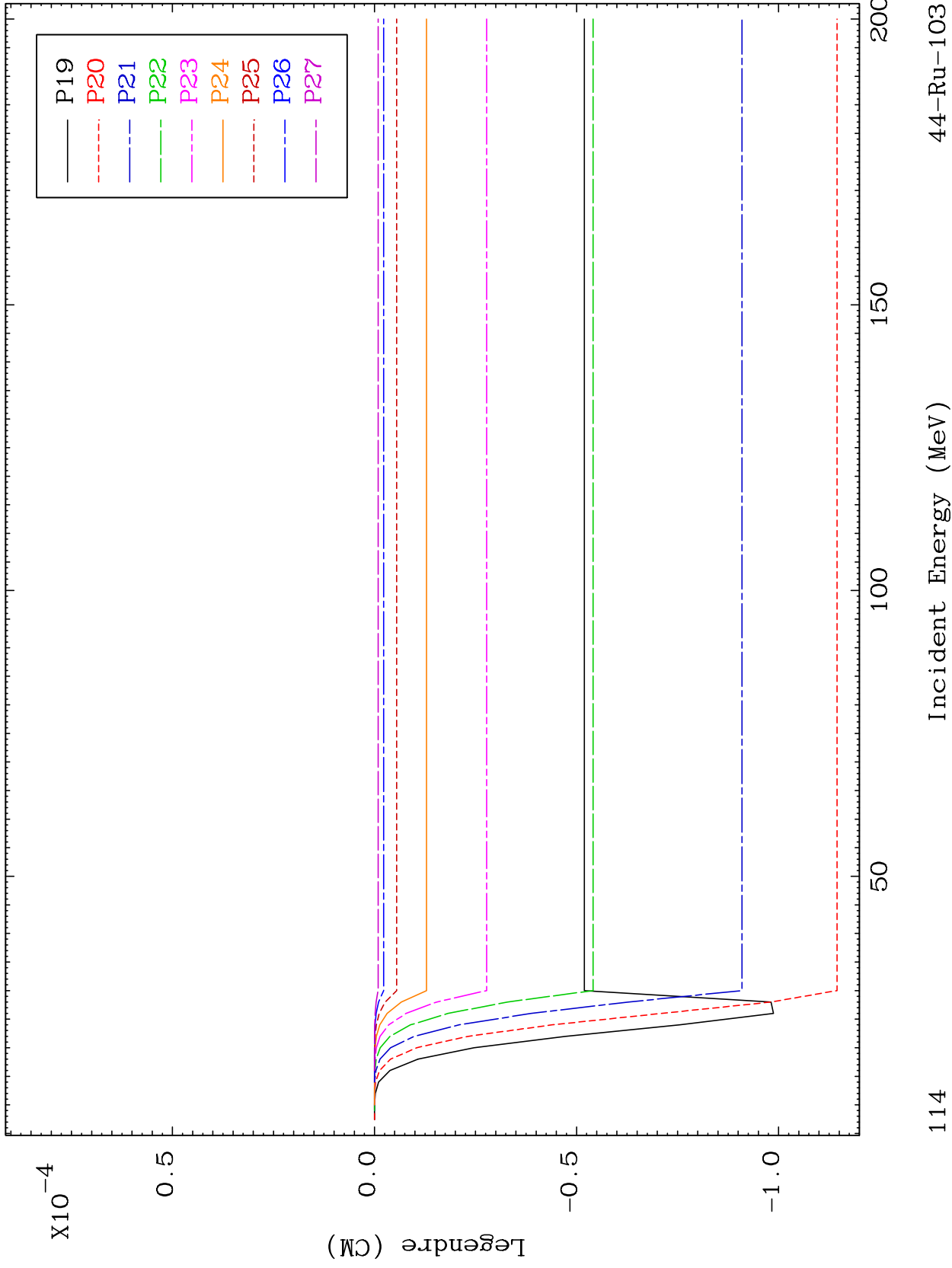


112

MAT 4446

855.0 keV (n,n') Level
Legendre Coefficients

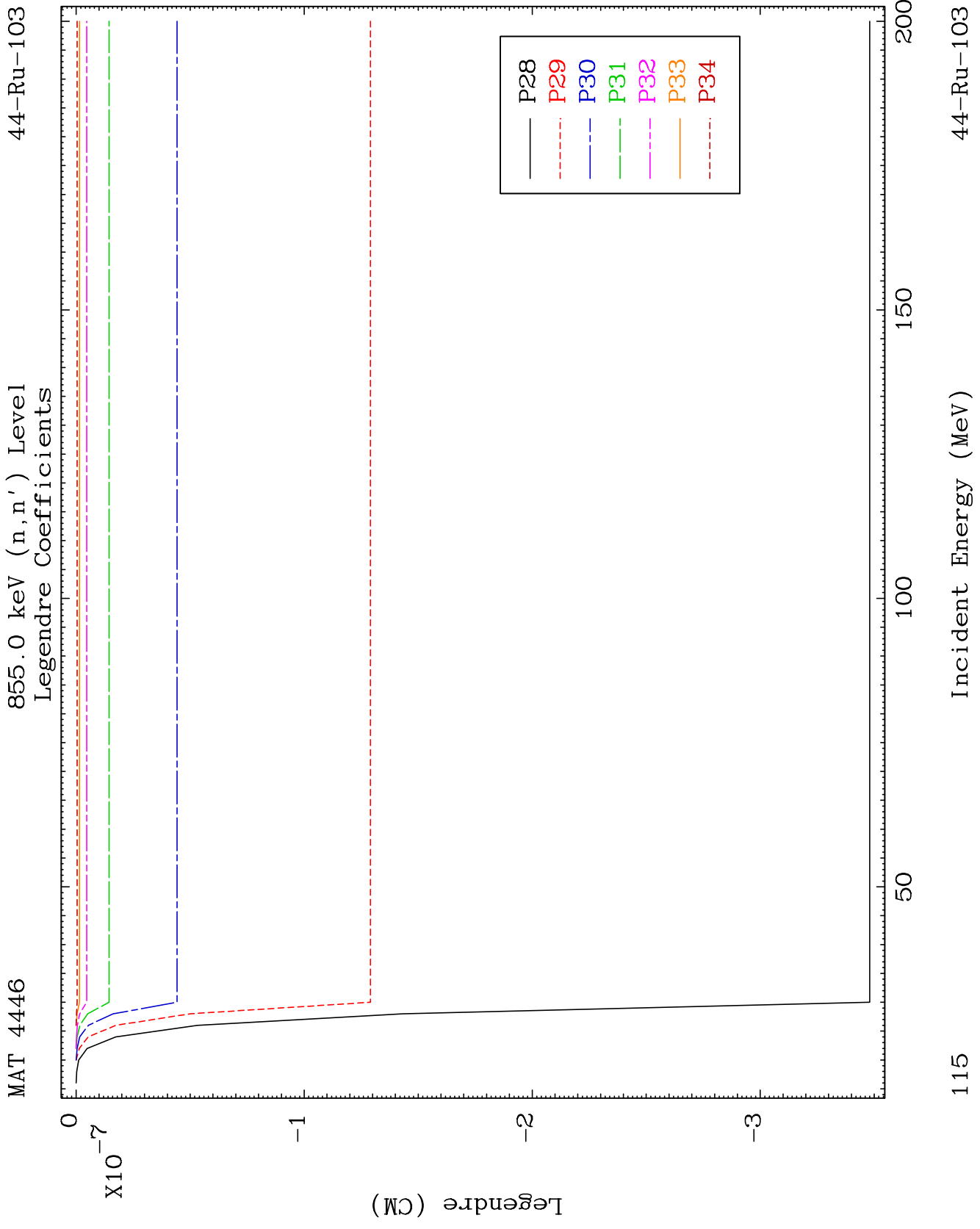
44-Ru-103



114

Incident Energy (MeV)

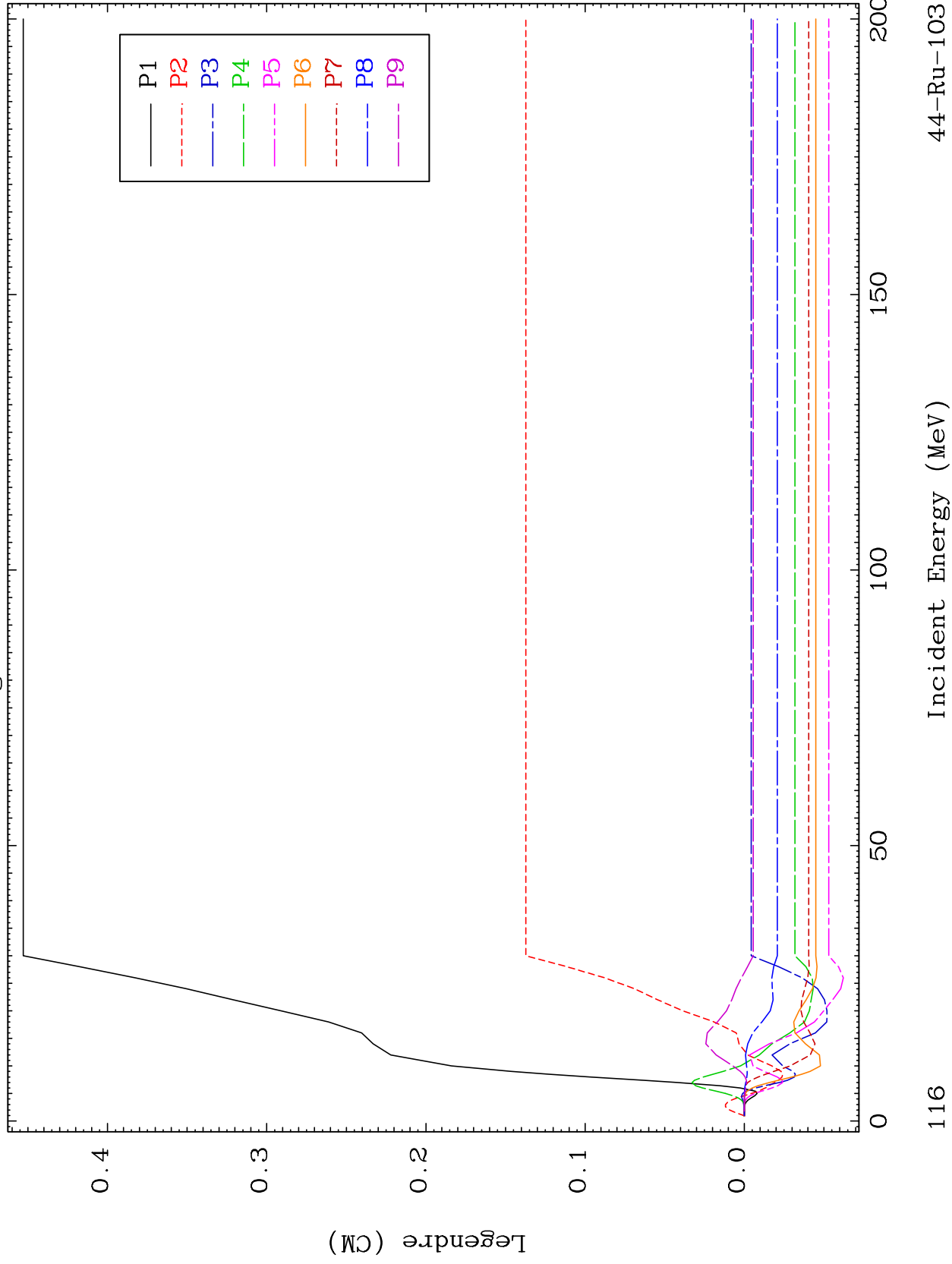
44-Ru-103



MAT 4446

873.7 keV (n,n') Level
Legendre Coefficients

44-Ru-103



44-Ru-103

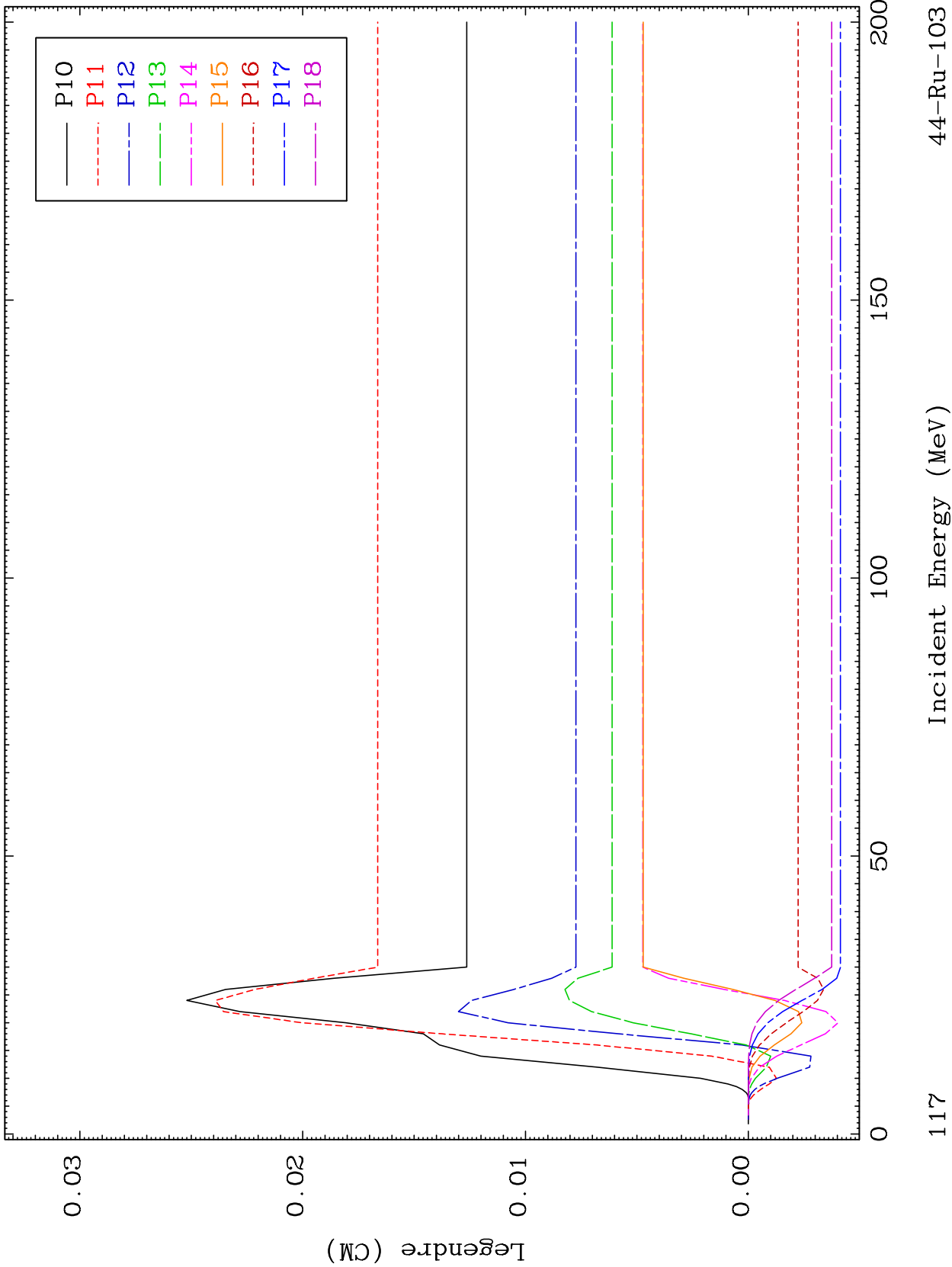
Incident Energy (MeV)

116

MAT 4446

873.7 keV (n, n') Level
Legendre Coefficients

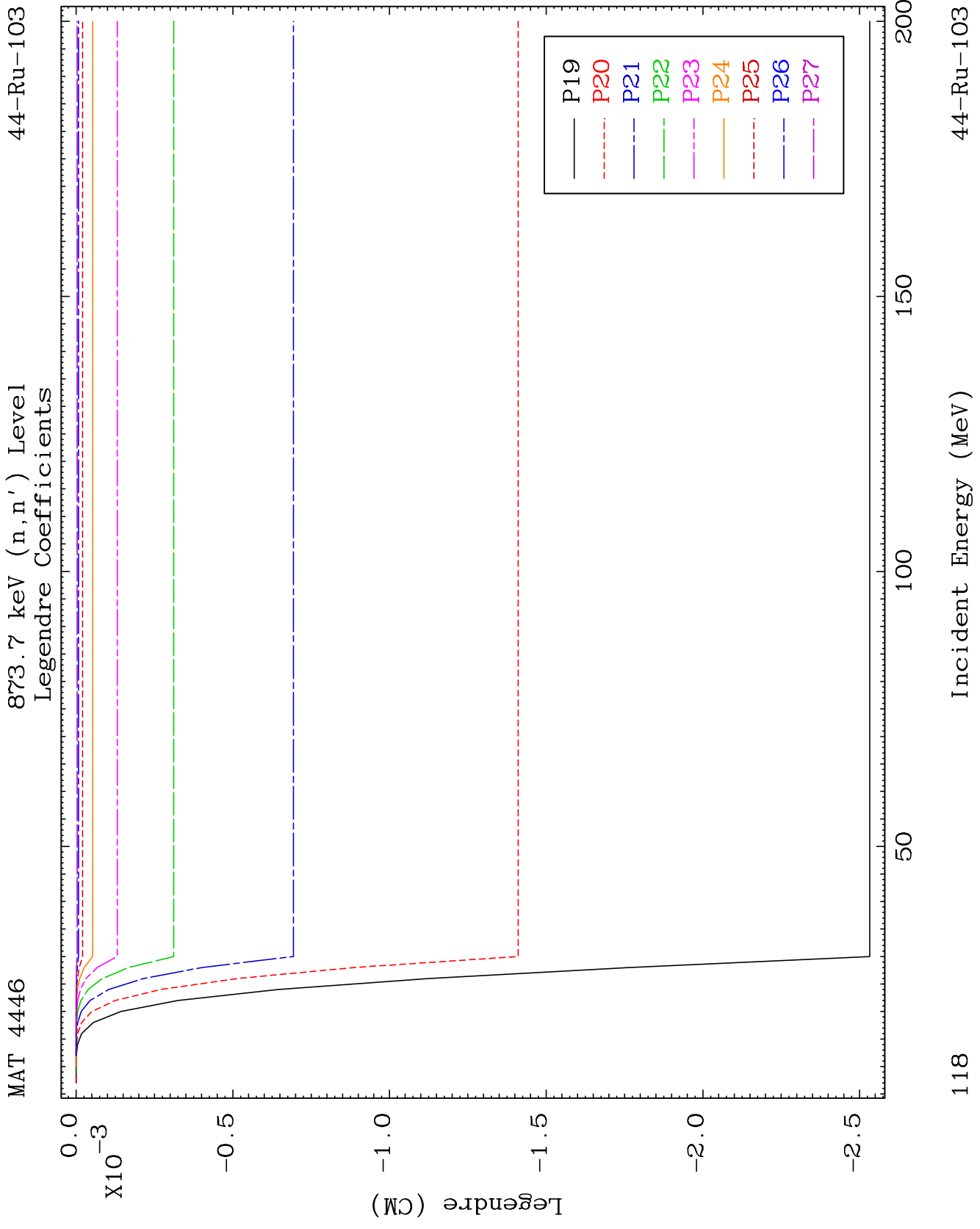
44-Ru-103

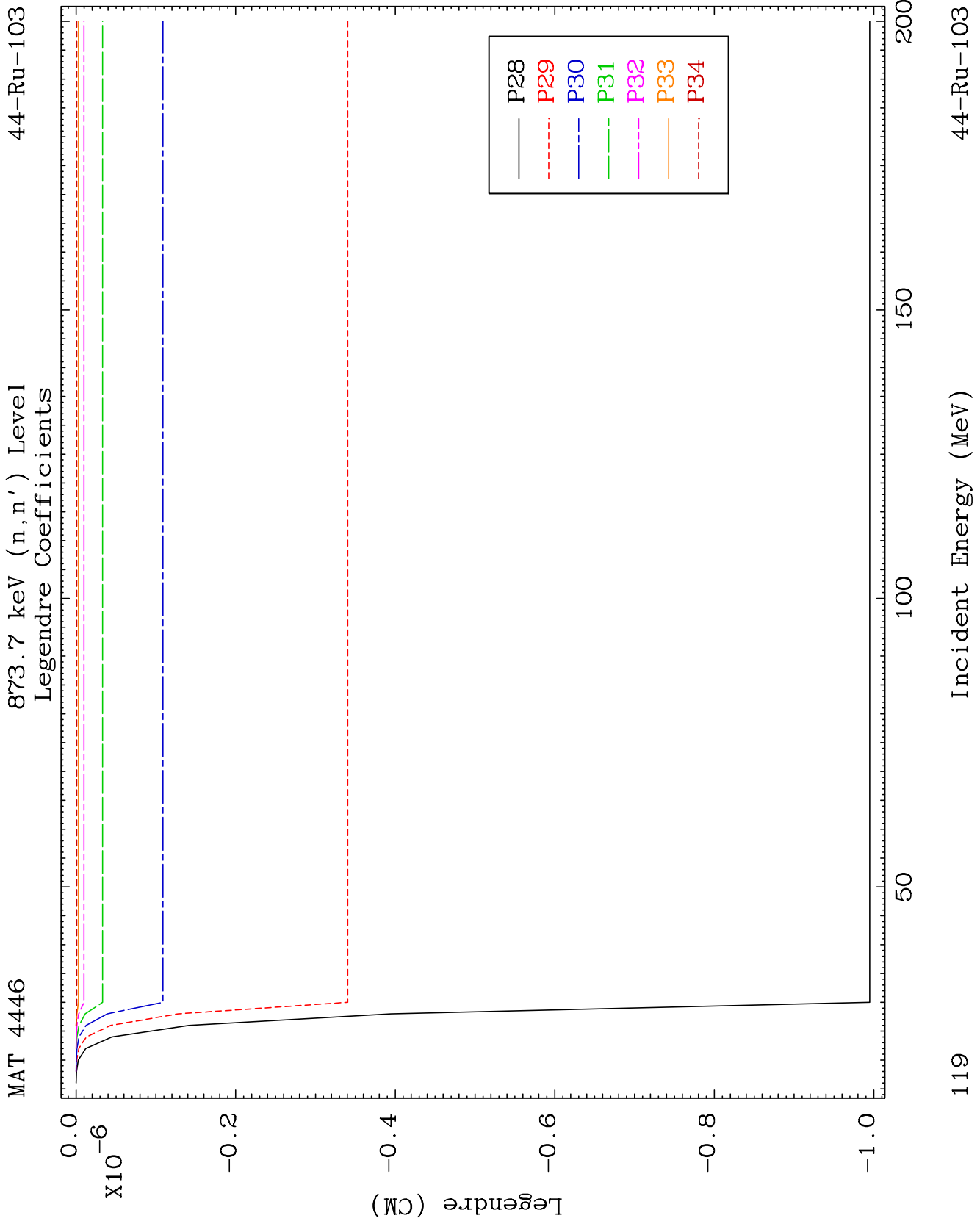


117

Incident Energy (MeV)

44-Ru-103



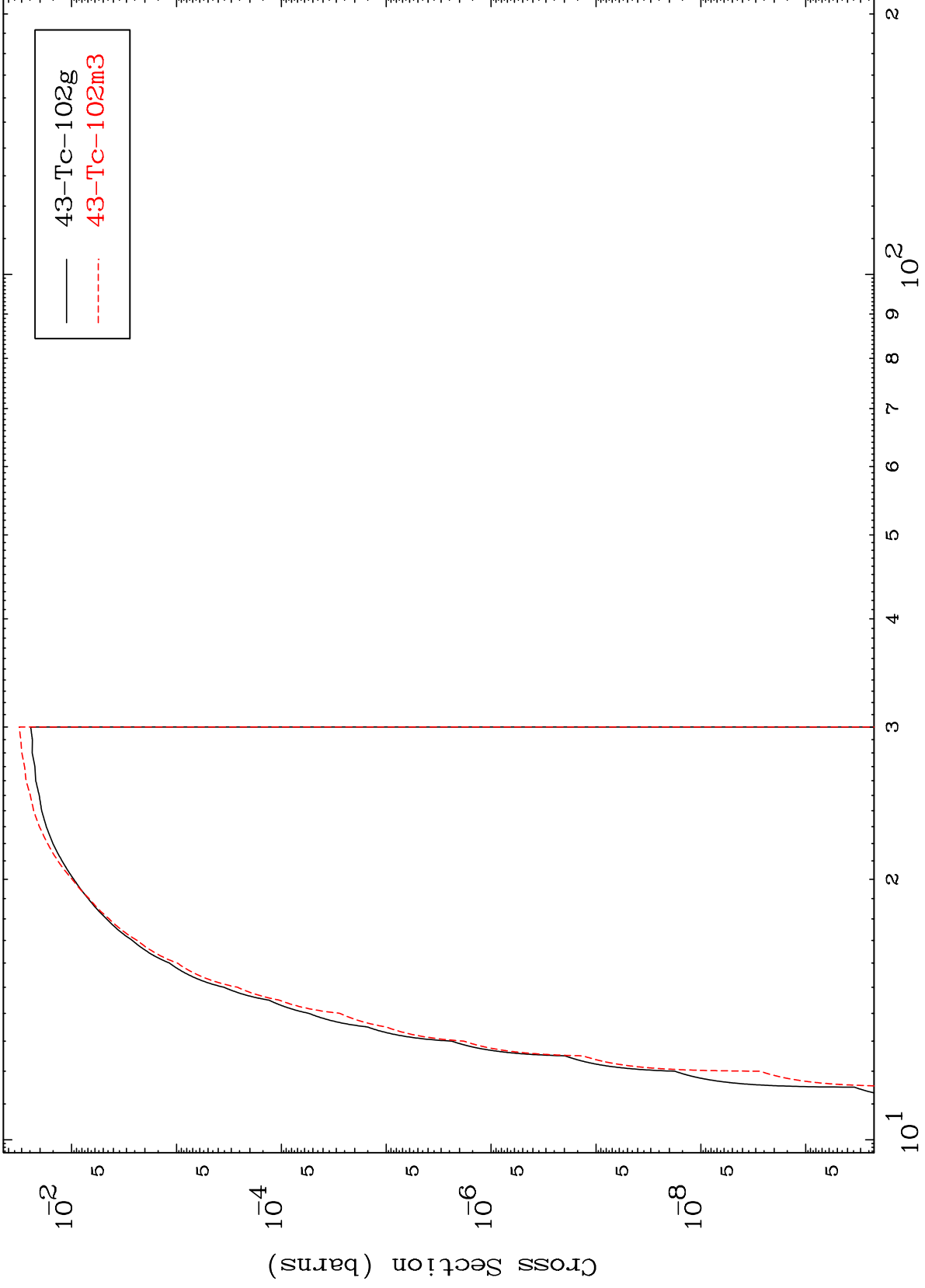


MAT 4446

(n,n') p

44-Ru-103

Radionuclide Production Cross Section



10¹

Incident Energy (MeV)

10²

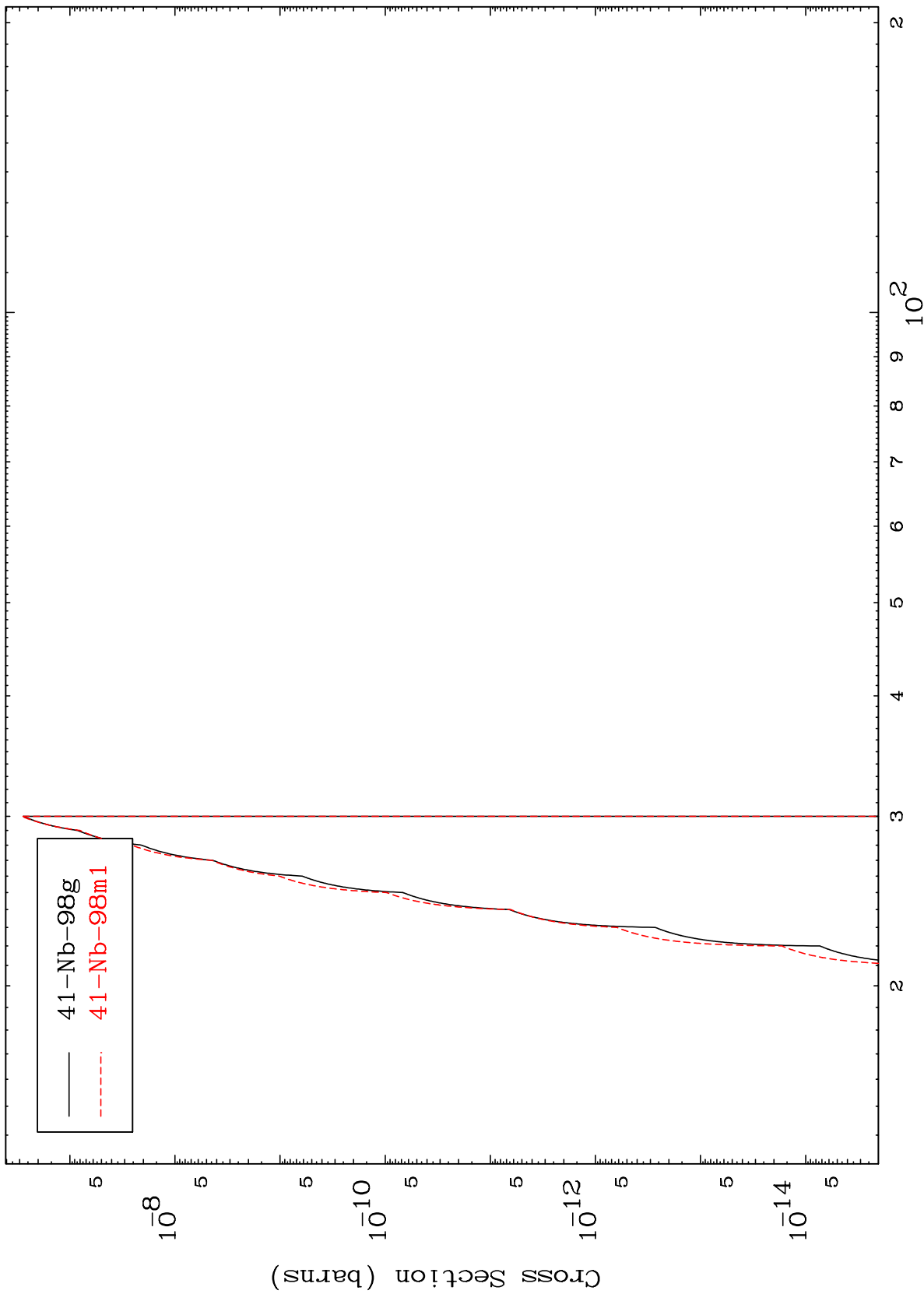
44-Ru-103

MAT 4446

(n,n') p α

44-Ru-103

Radionuclide Production Cross Section



121

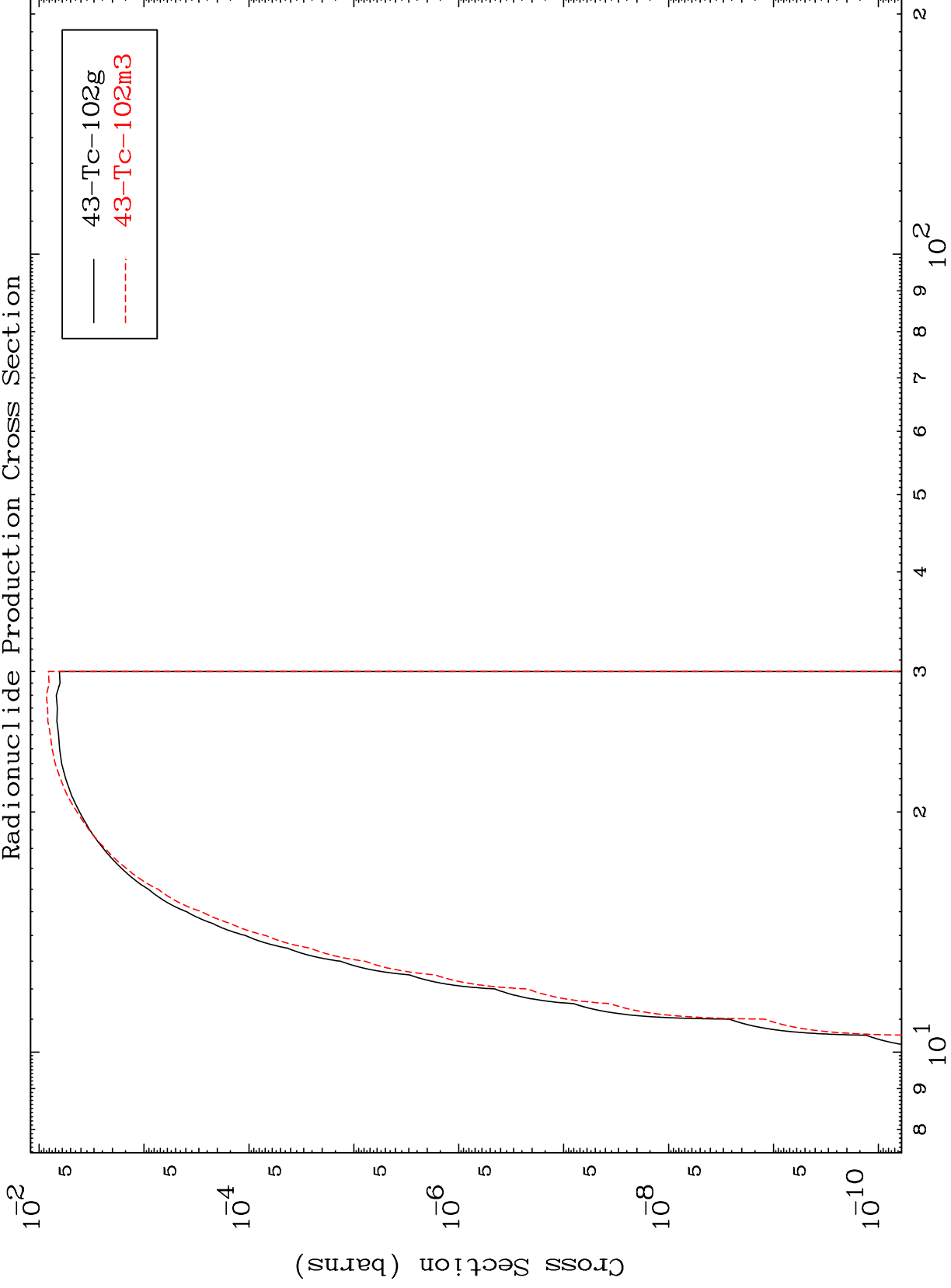
Incident Energy (MeV)

44-Ru-103

MAT 4446

44-Ru-103

(n,d)
Radionuclide Production Cross Section



122

Incident Energy (MeV)

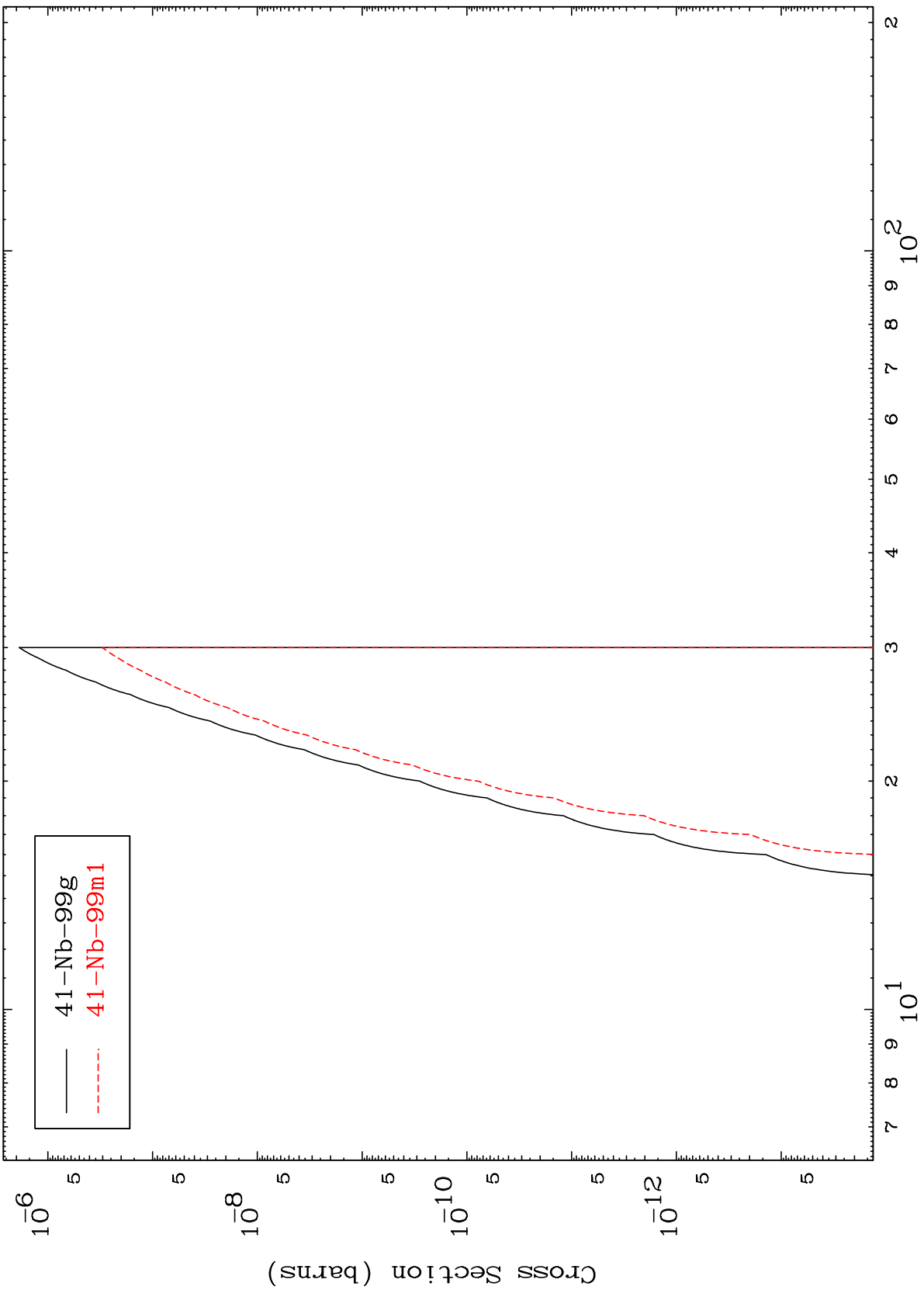
44-Ru-103

MAT 4446

(n,p) α

44-Ru-103

Radionuclide Production Cross Section



123

Incident Energy (MeV)

44-Ru-103

Radionuclide Production Cross Section

