

Program EVALPLOT
(Version 2015-2)

by

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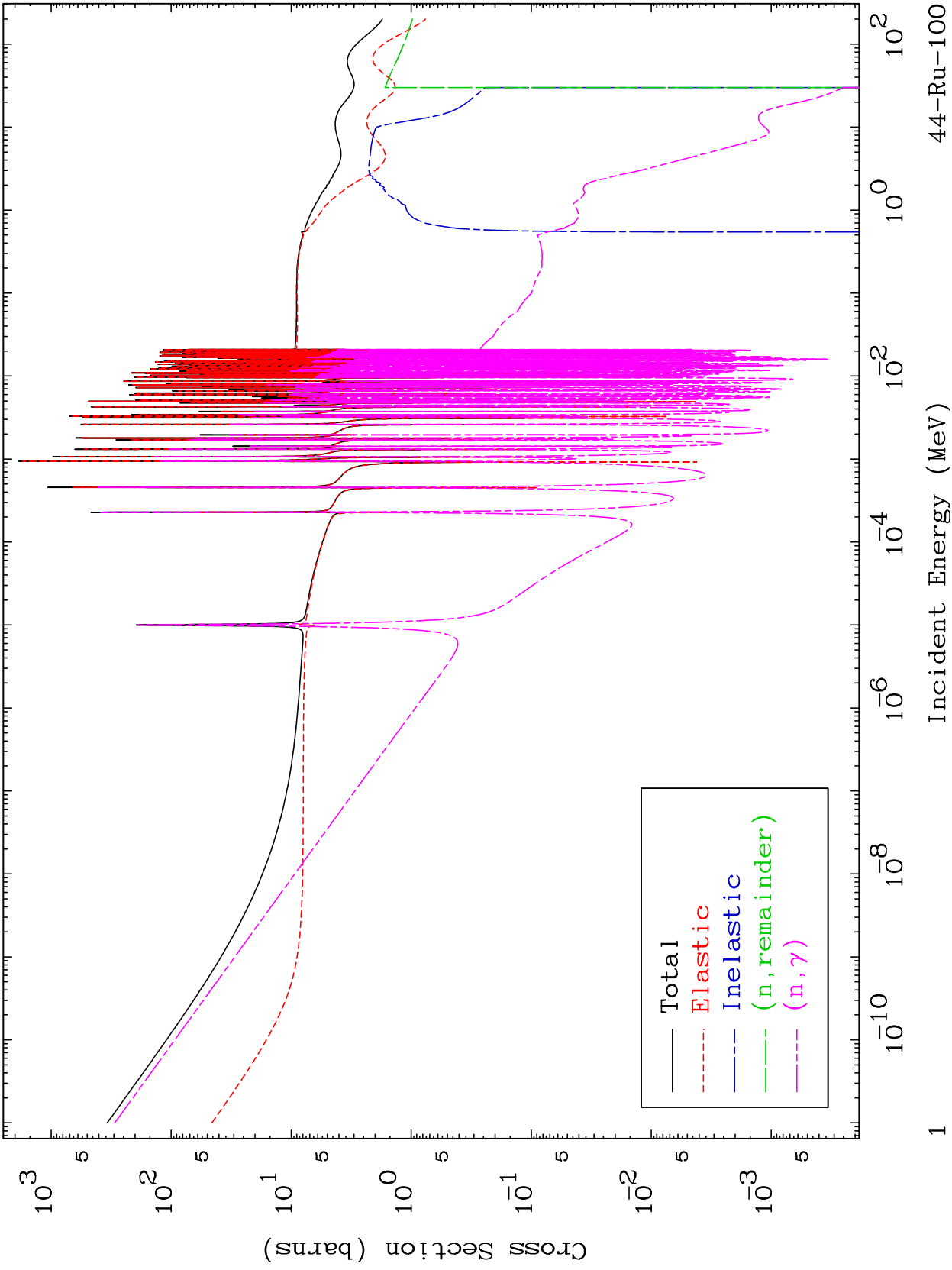
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 4437

Major
293 Kelvin Cross Sections

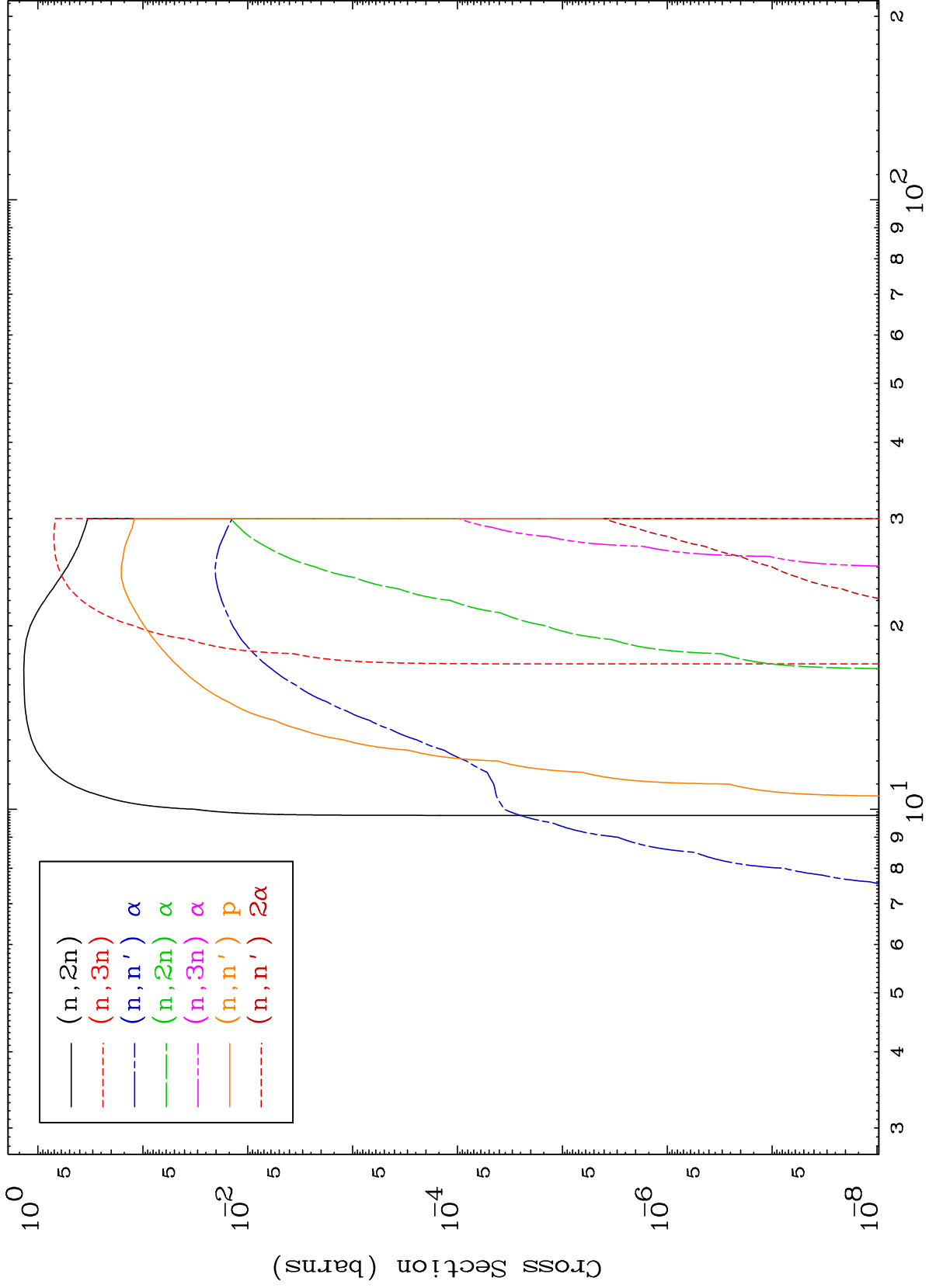
44-Ru-100



MAT 4437

Neutron Production
293 Kelvin Cross Sections

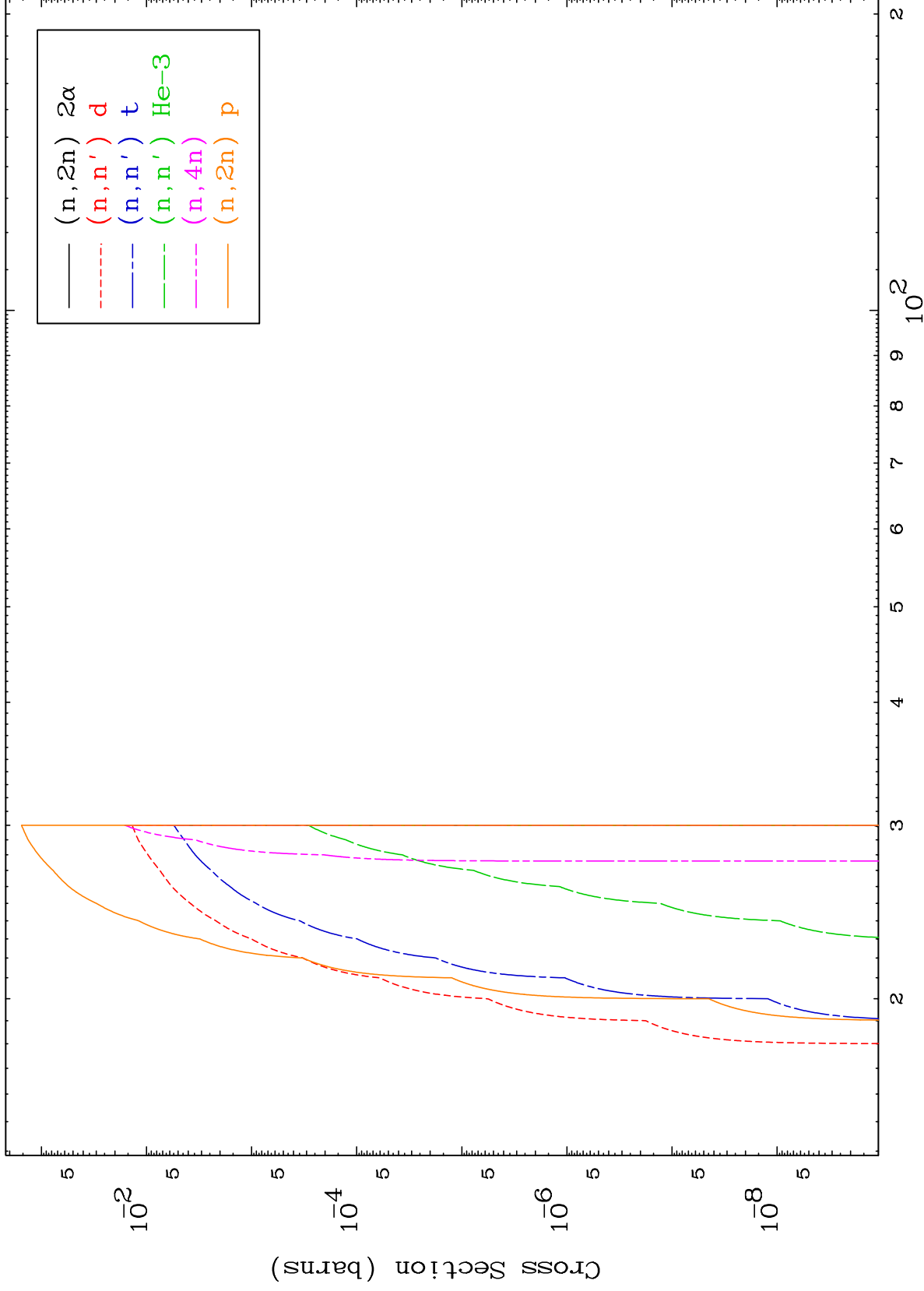
44-Ru-100



2

Incident Energy (MeV)

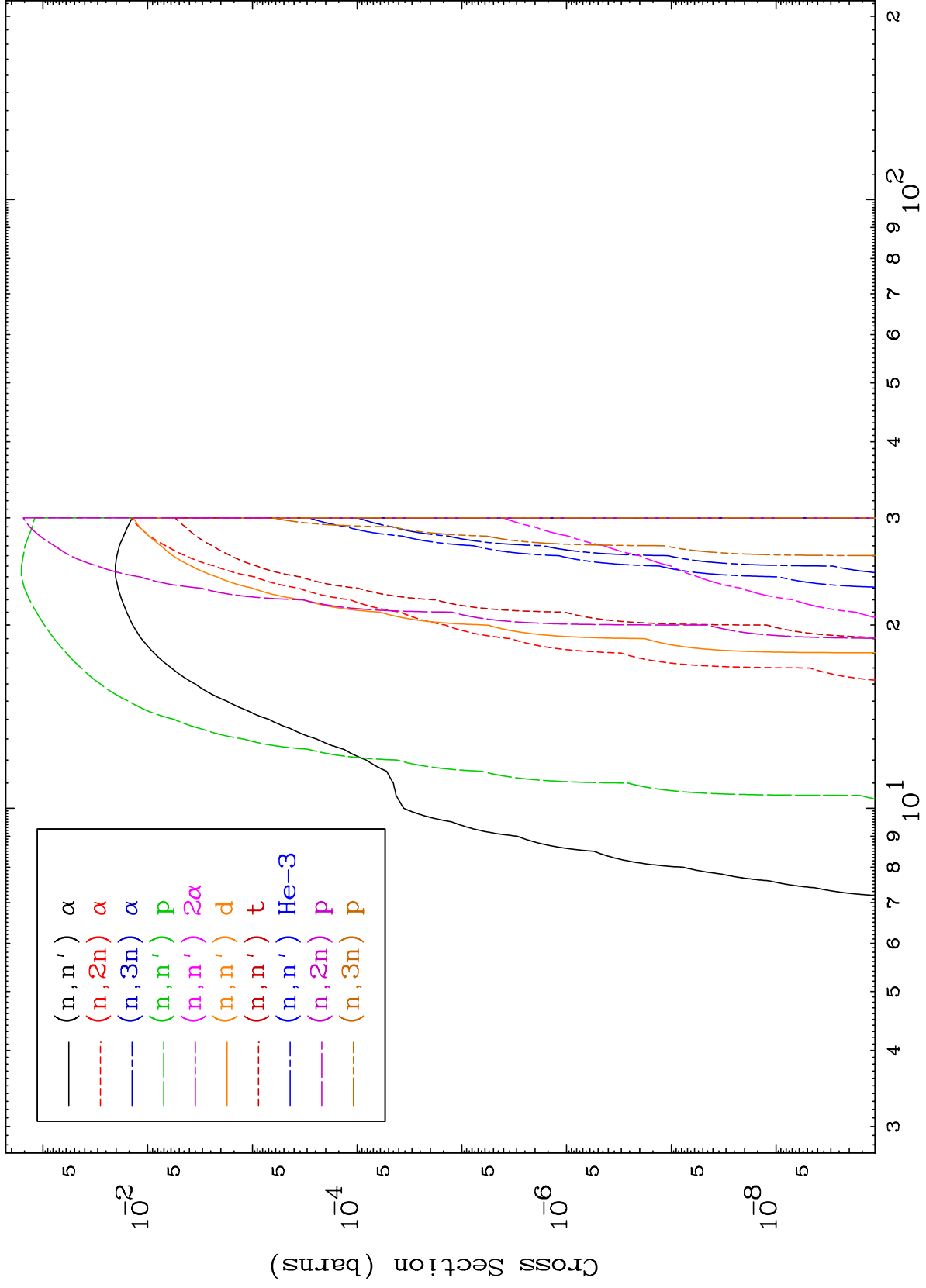
44-Ru-100



MAT 4437

Charged Particle
293 Kelvin Cross Sections

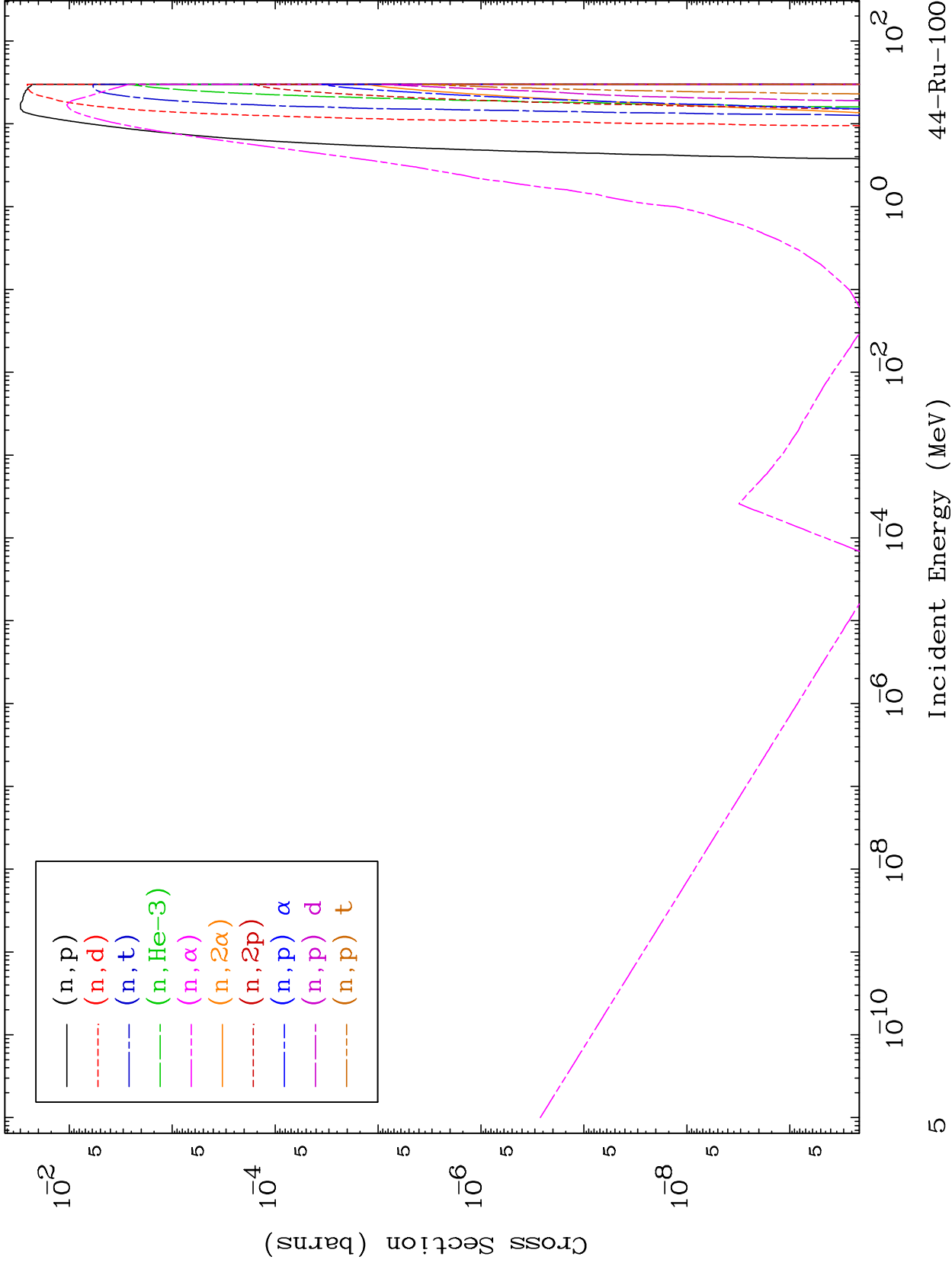
44-Ru-100



MAT 4437

Charged Particle
293 Kelvin Cross Sections

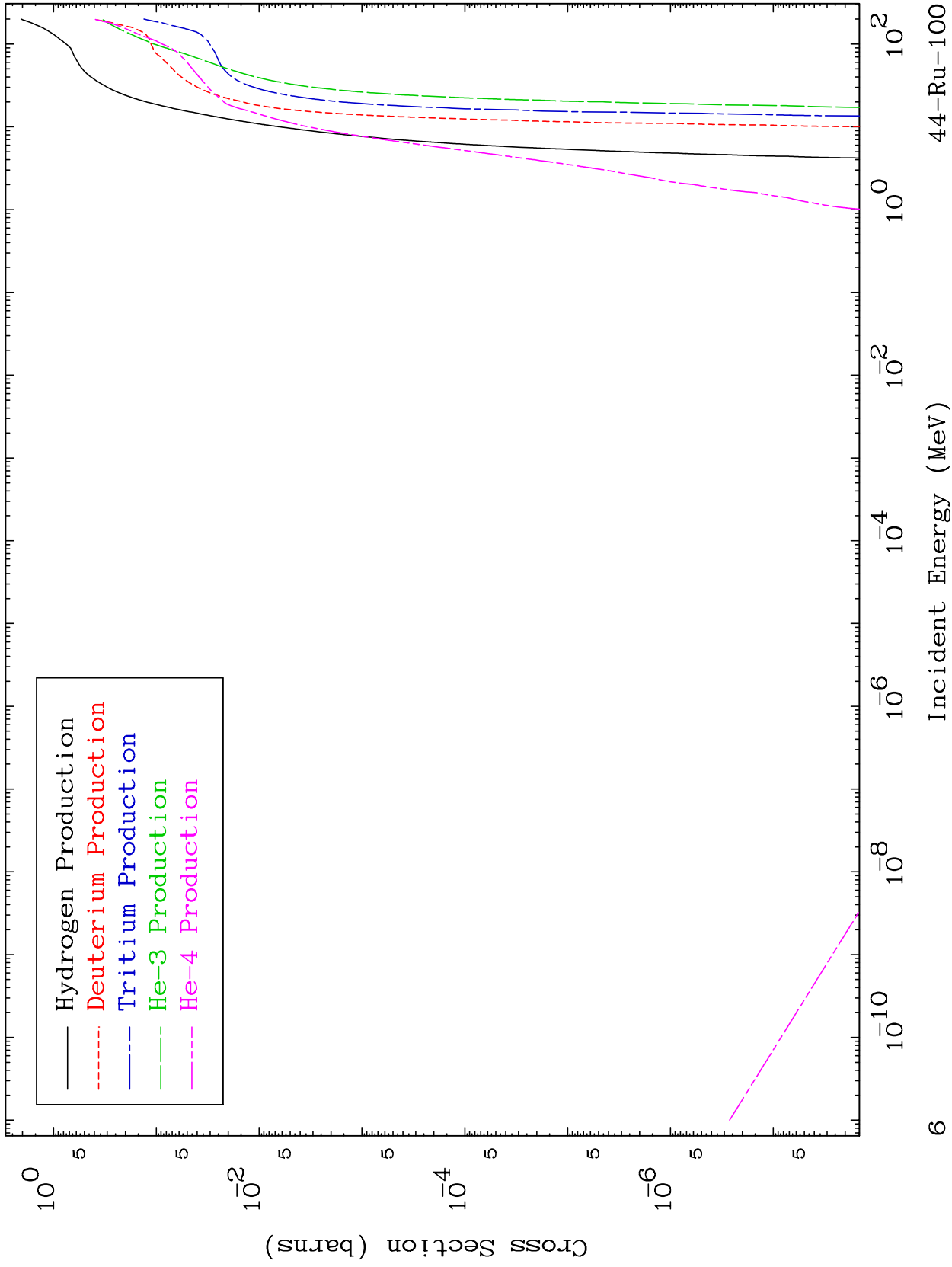
44-Ru-100



MAT 4437

Particle Production
293 Kelvin Cross Sections

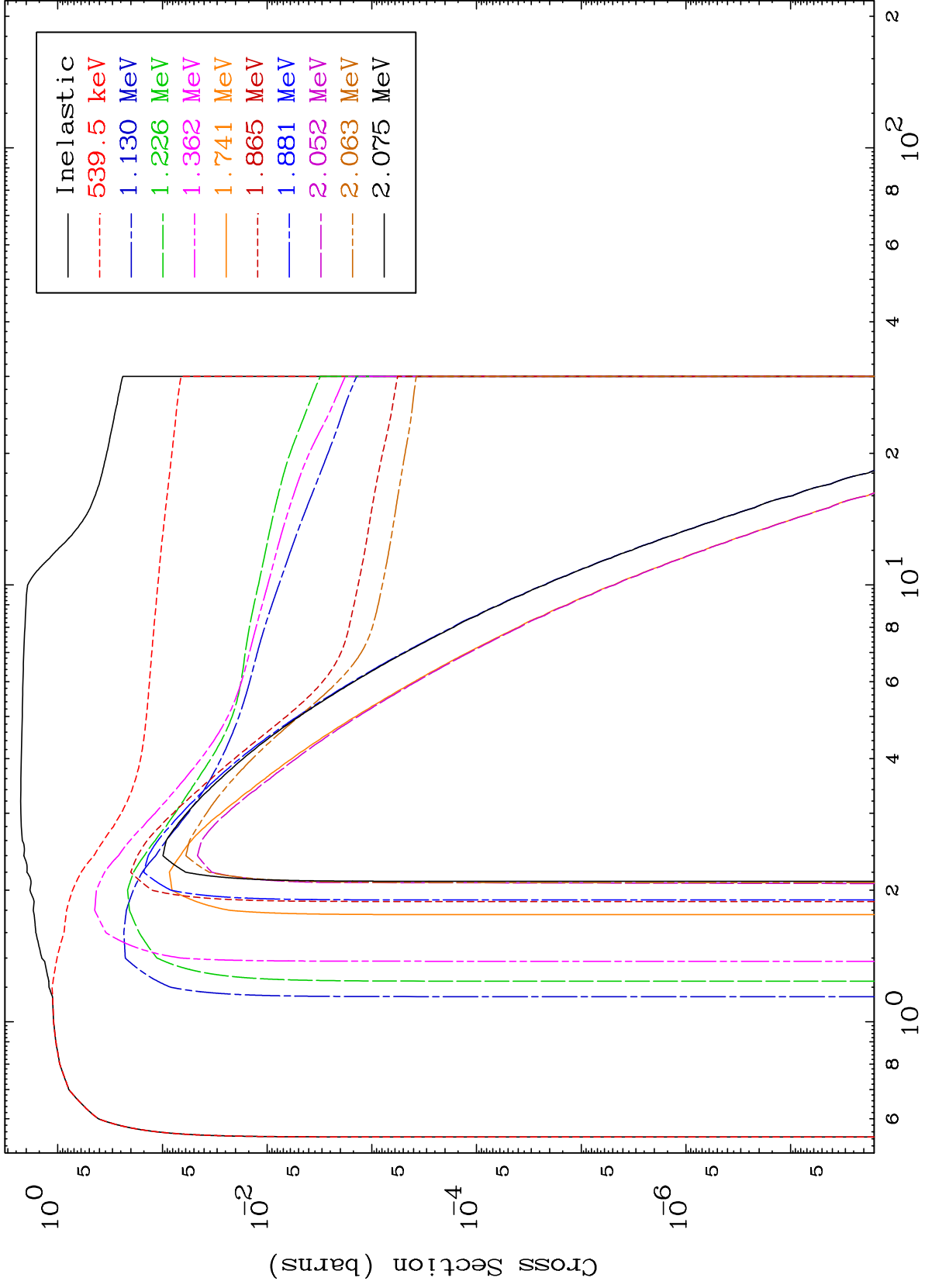
44-Ru-100



MAT 4437

(n,n') Level
293 Kelvin Cross Sections

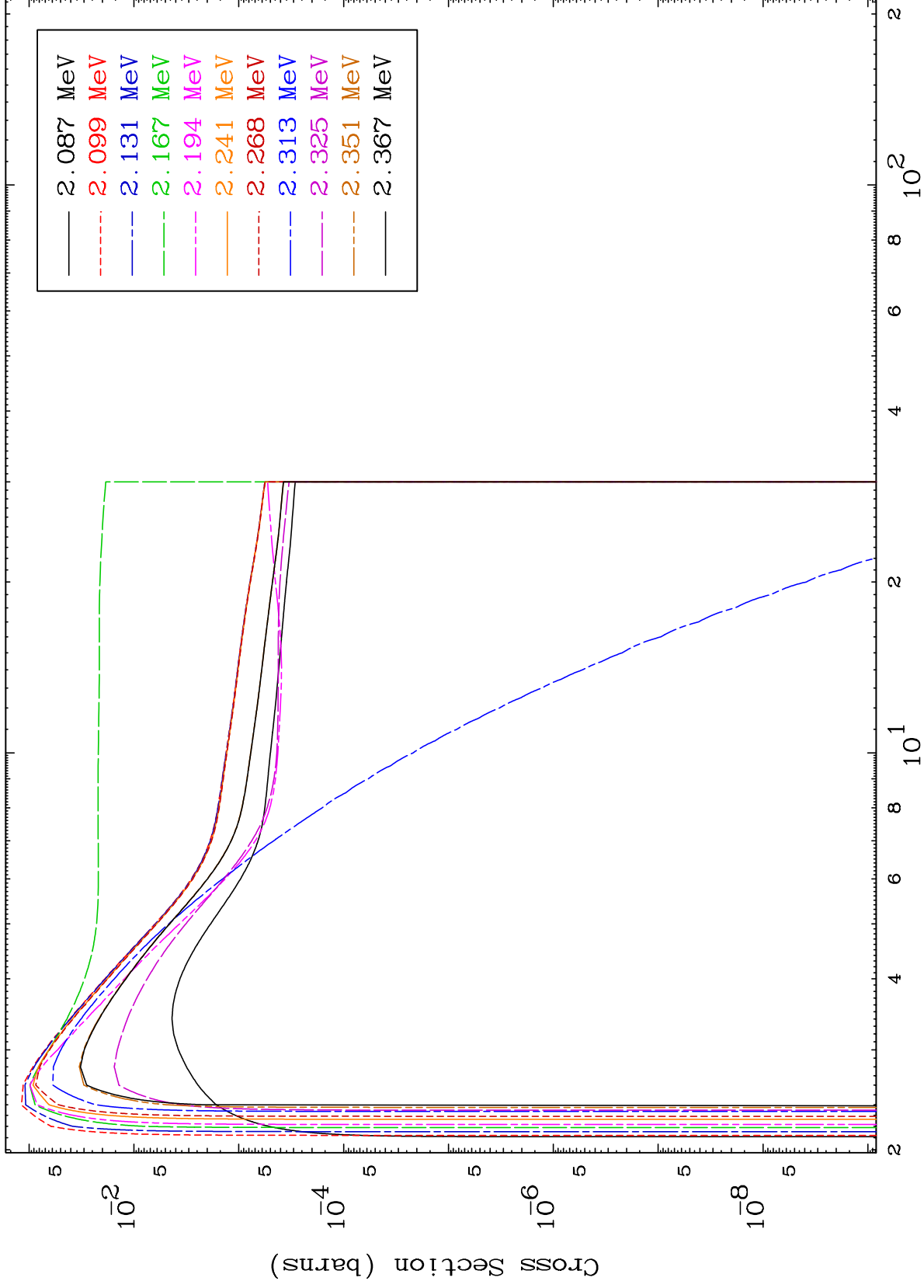
44-Ru-100



MAT 4437

(n,n') Level
293 Kelvin Cross Sections

44-Ru-100



8

Incident Energy (MeV)

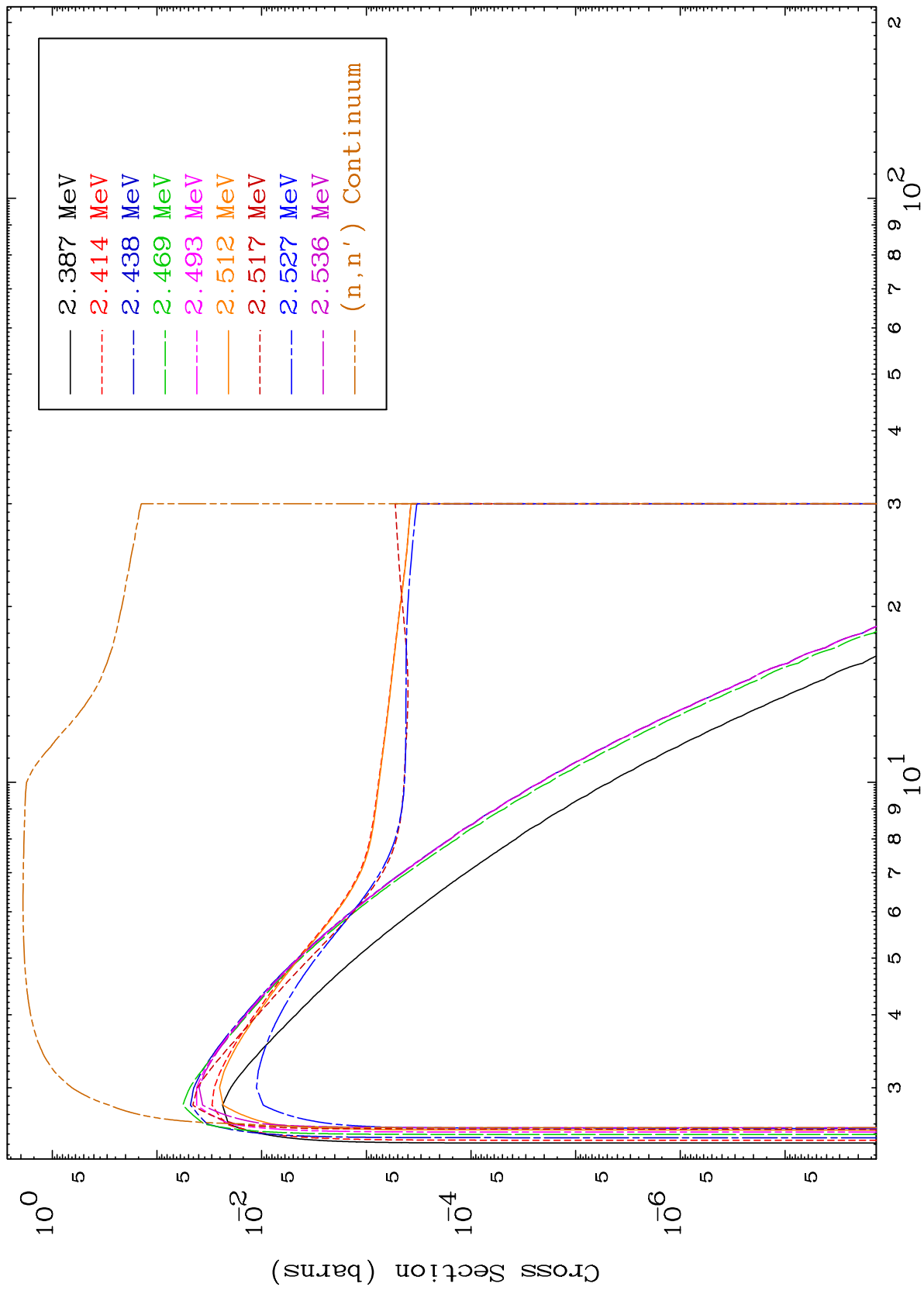
44-Ru-100

MAT 4437

(n,n') Level

44-Ru-100

293 Kelvin Cross Sections



9

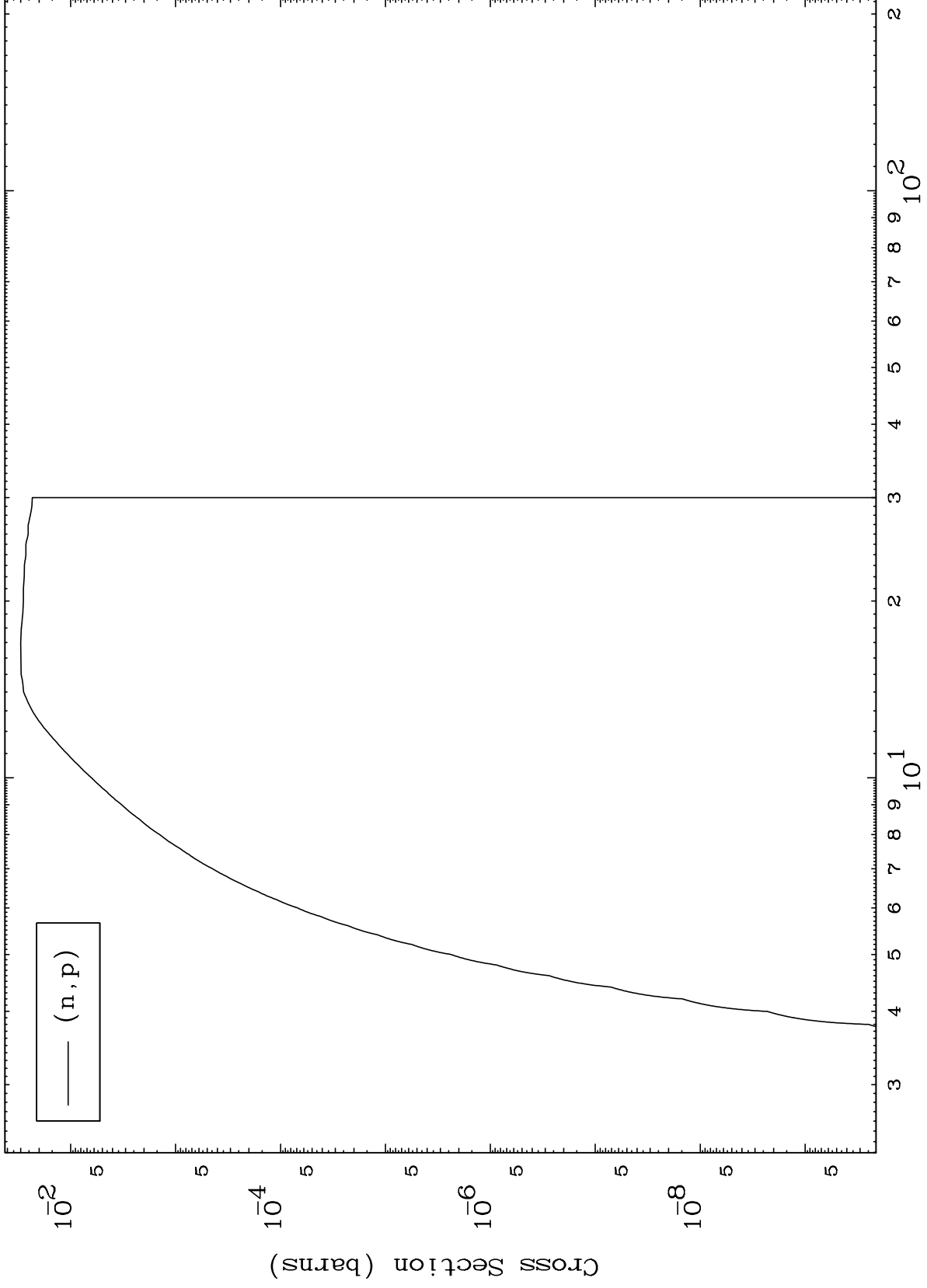
Incident Energy (MeV)

44-Ru-100

MAT 4437

(n,p) Levels
293 Kelvin Cross Sections

44-Ru-100



— (n,p)

10

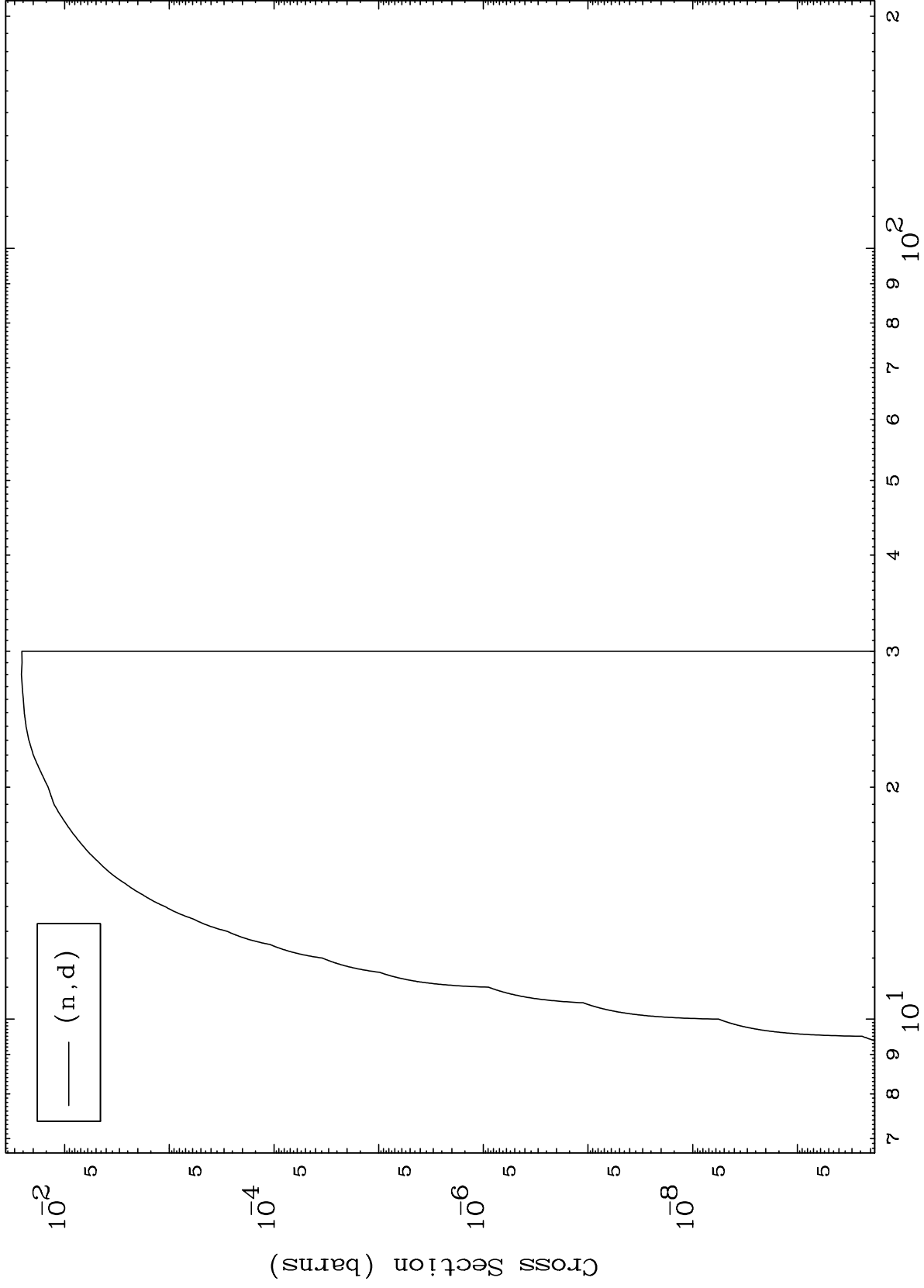
Incident Energy (MeV)

44-Ru-100

MAT 4437

(n,d) Levels
293 Kelvin Cross Sections

44-Ru-100



11

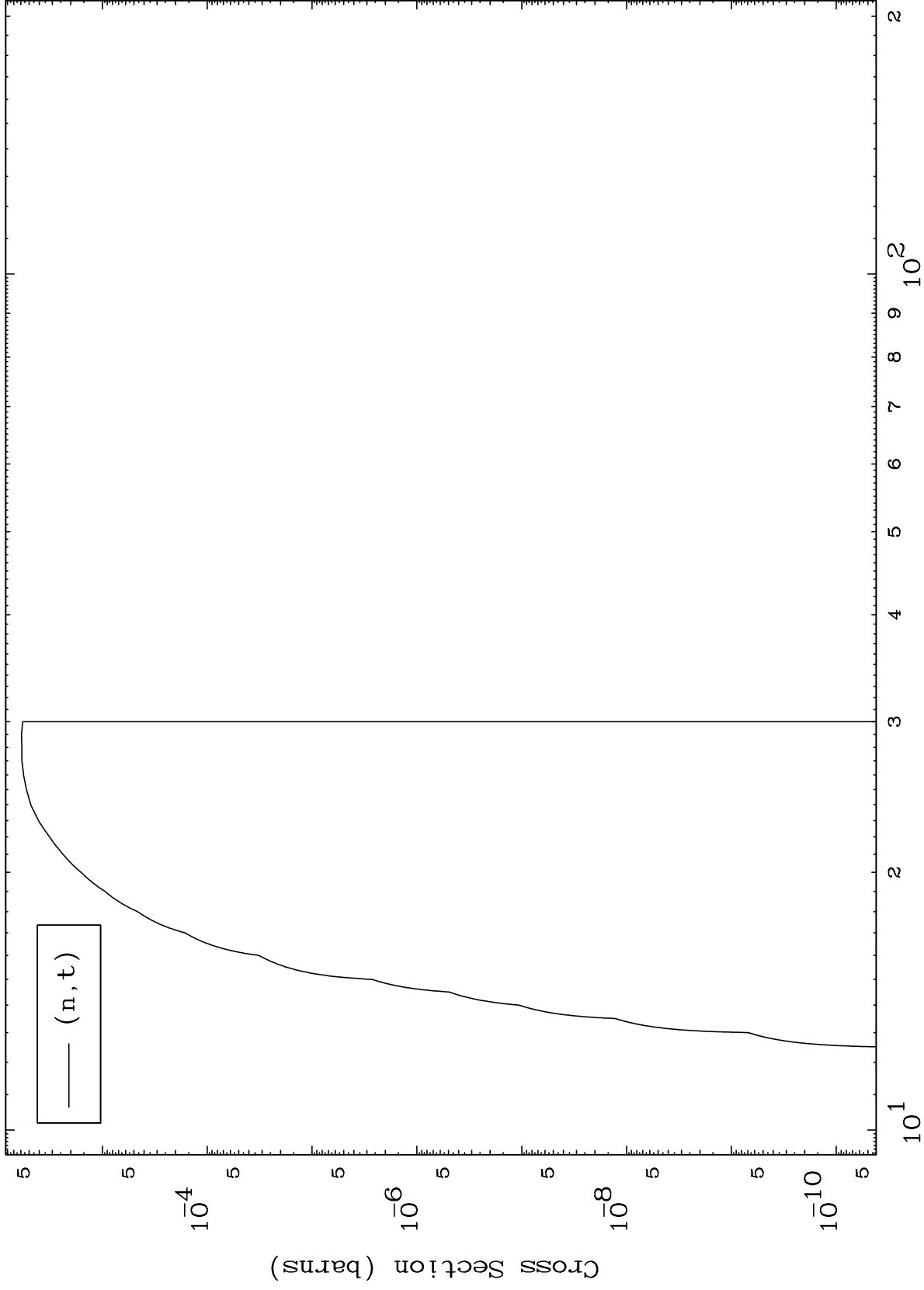
Incident Energy (MeV)

44-Ru-100

MAT 4437

(n,t) Levels
293 Kelvin Cross Sections

44-Ru-100



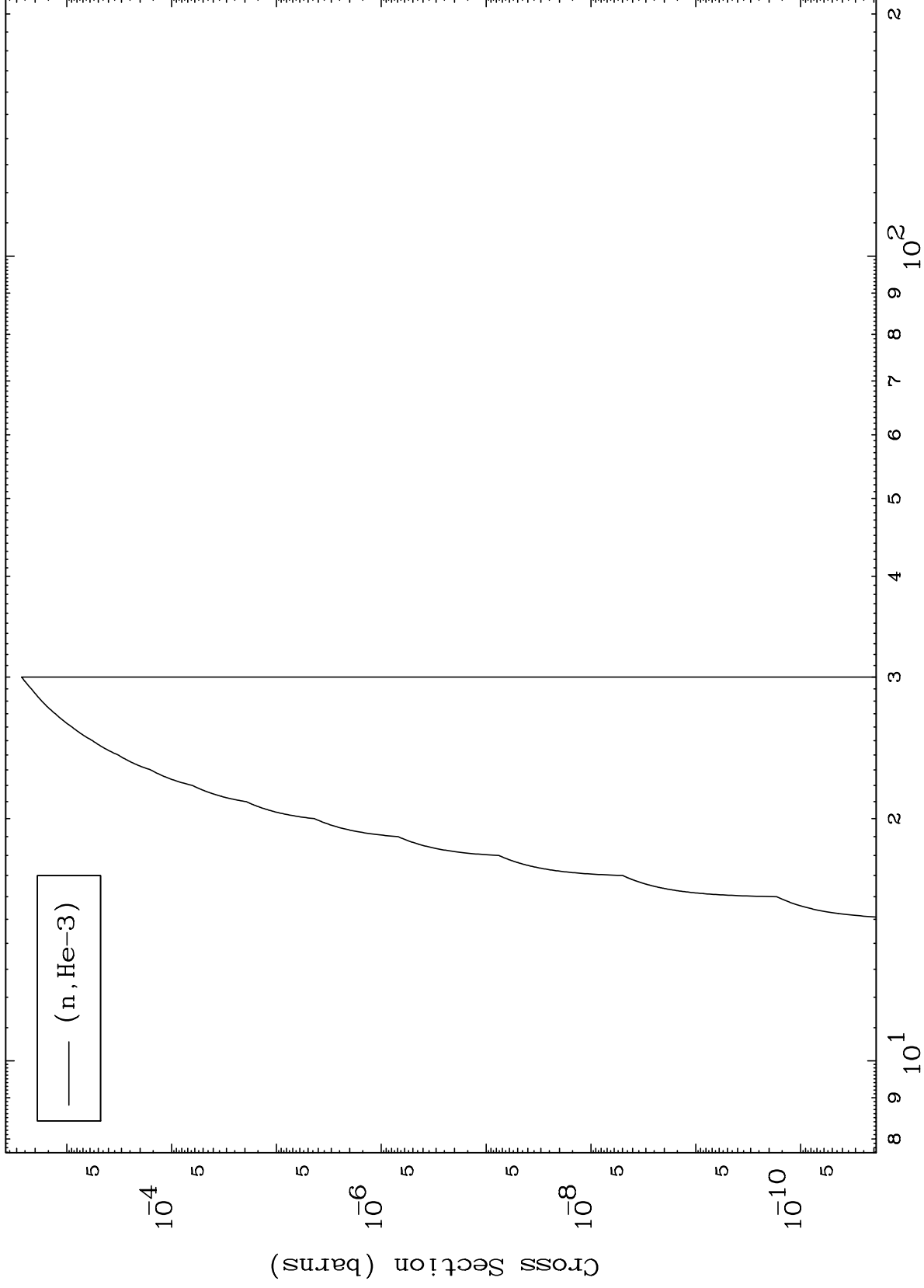
Incident Energy (MeV)

44-Ru-100

MAT 4437

(n,He3) Levels
293 Kelvin Cross Sections

44-Ru-100



13

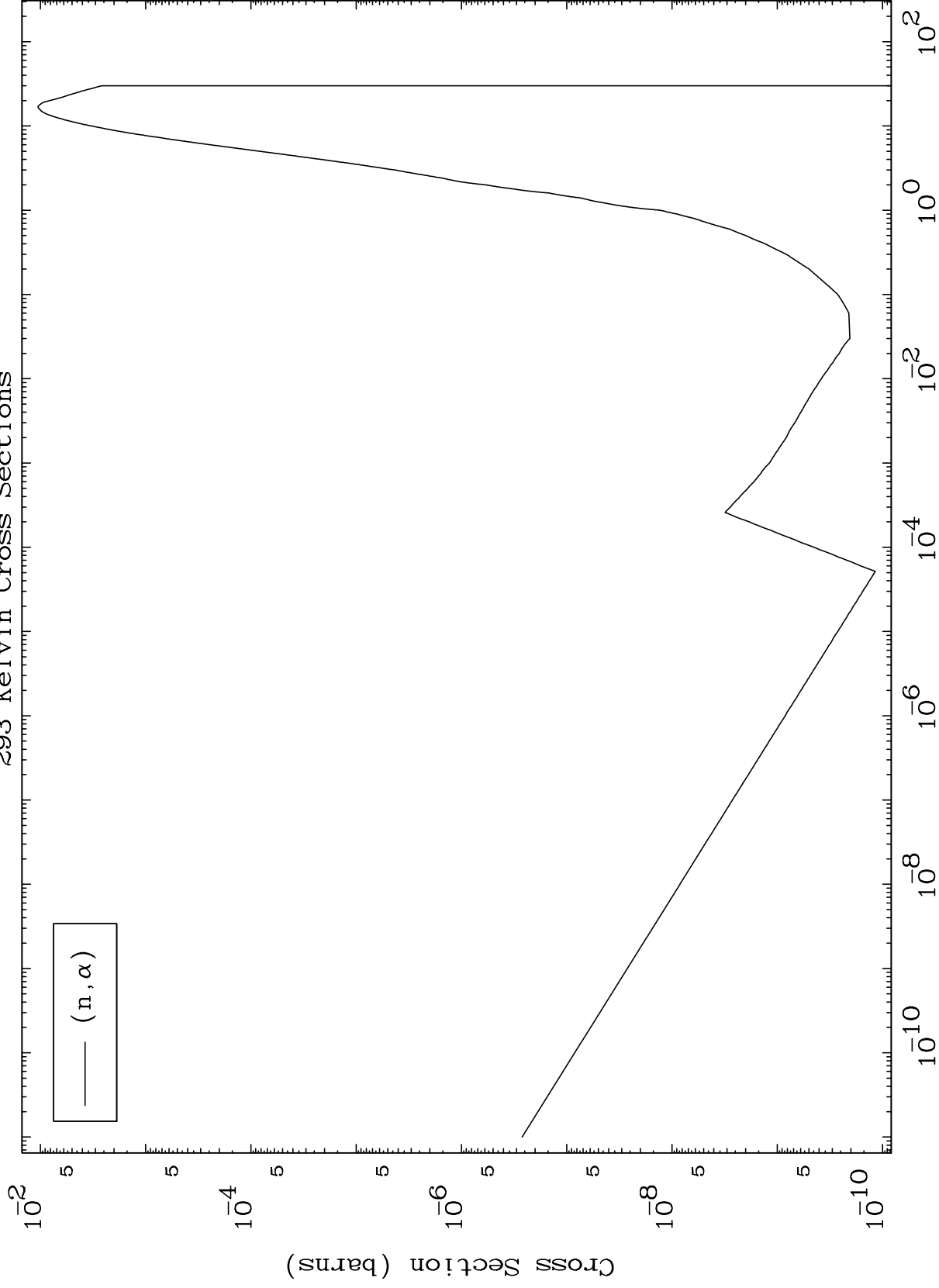
Incident Energy (MeV)

44-Ru-100

MAT 4437

(n, α) Levels
293 Kelvin Cross Sections

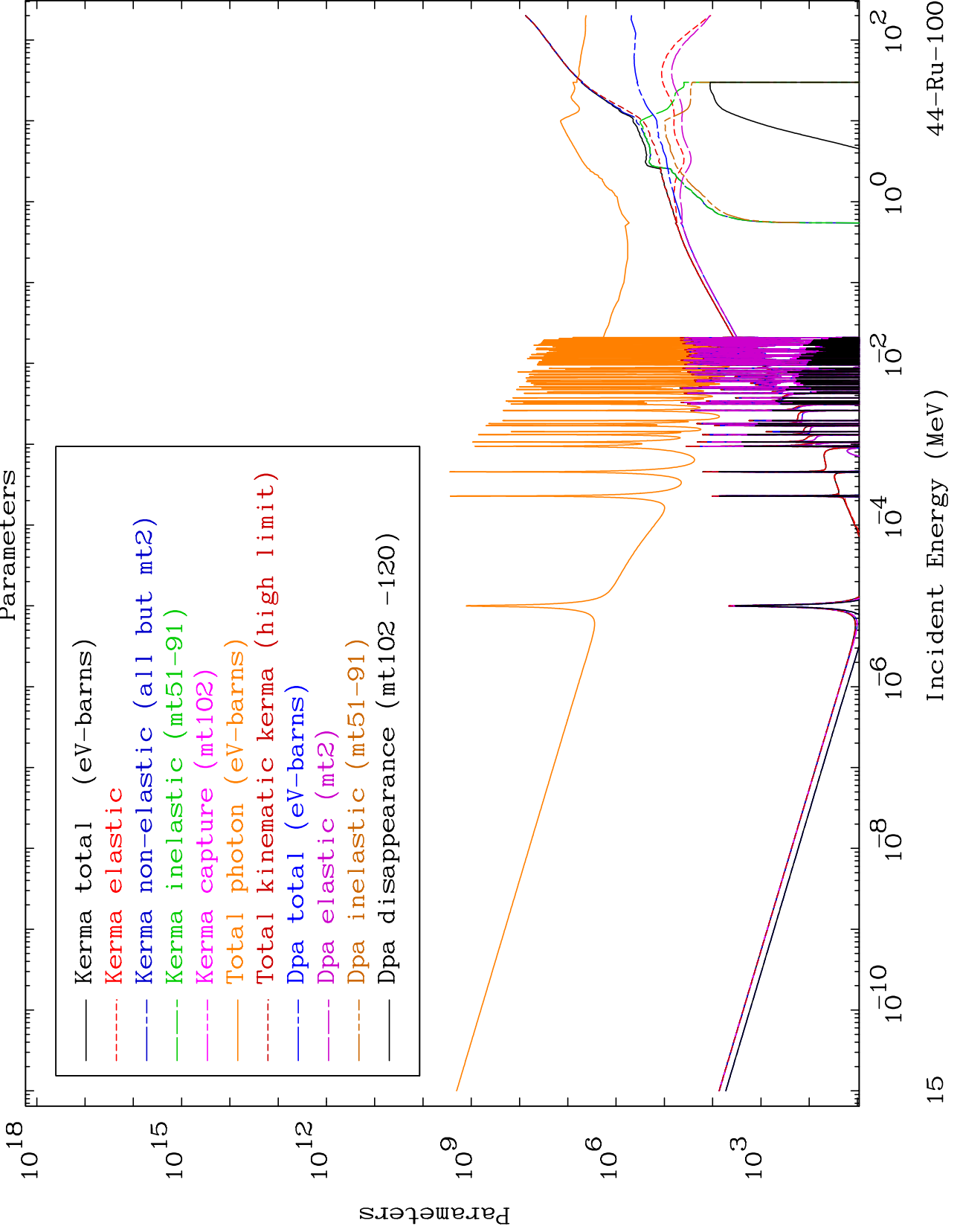
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14

Incident Energy (MeV)

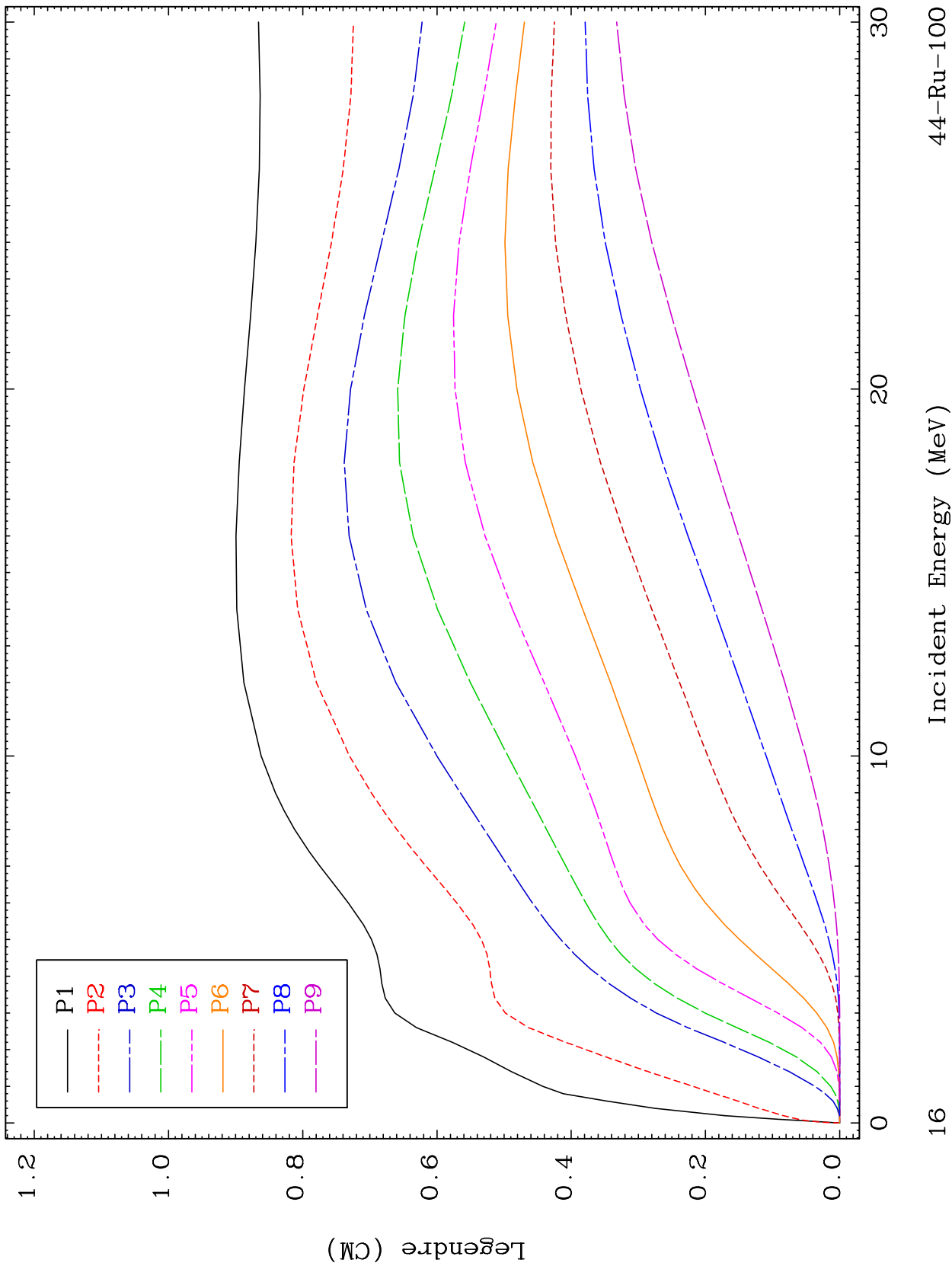
44-Ru-100



MAT 4437

Elastic Legendre Coefficients

44-Ru-100

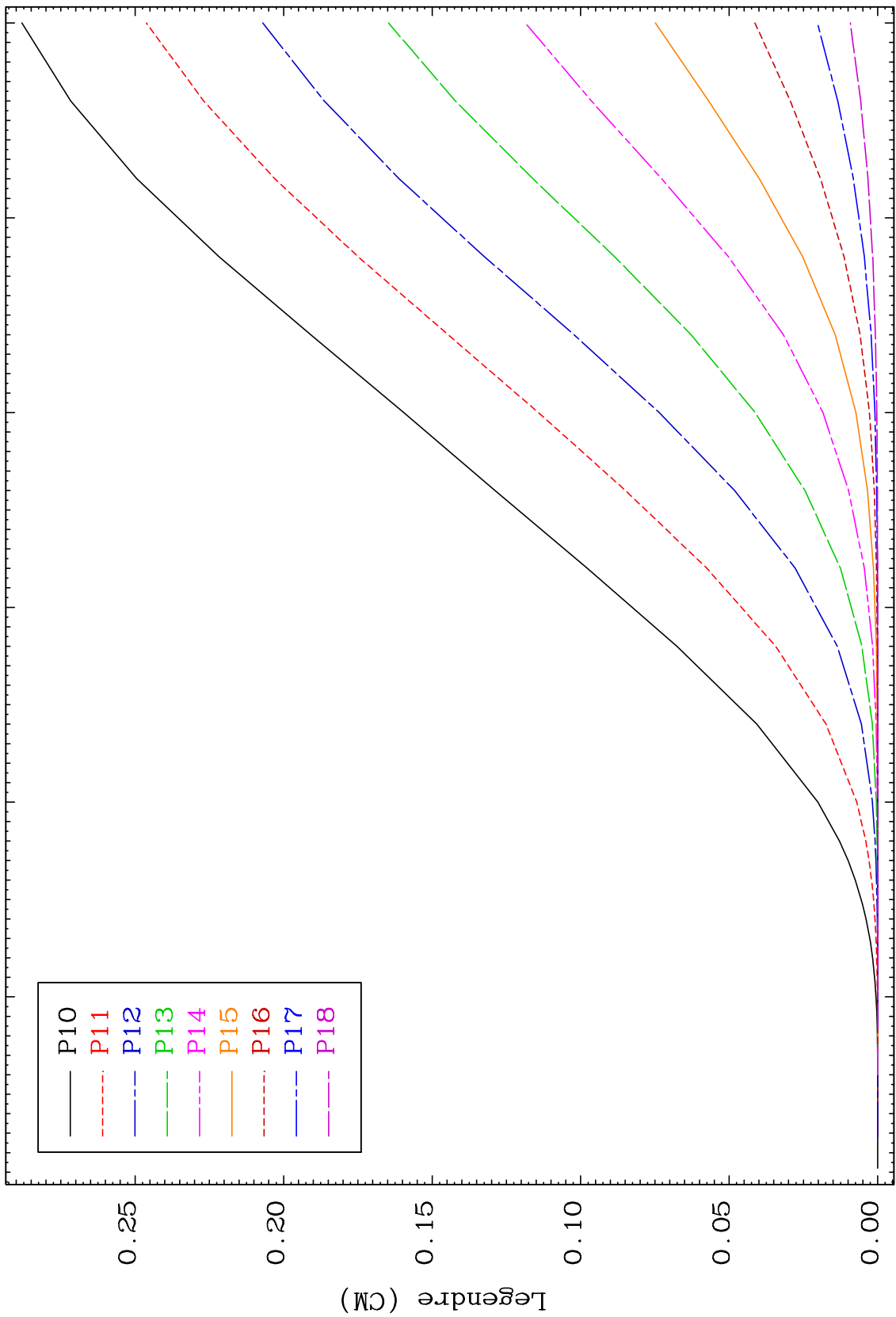


16

Incident Energy (MeV)

44-Ru-100

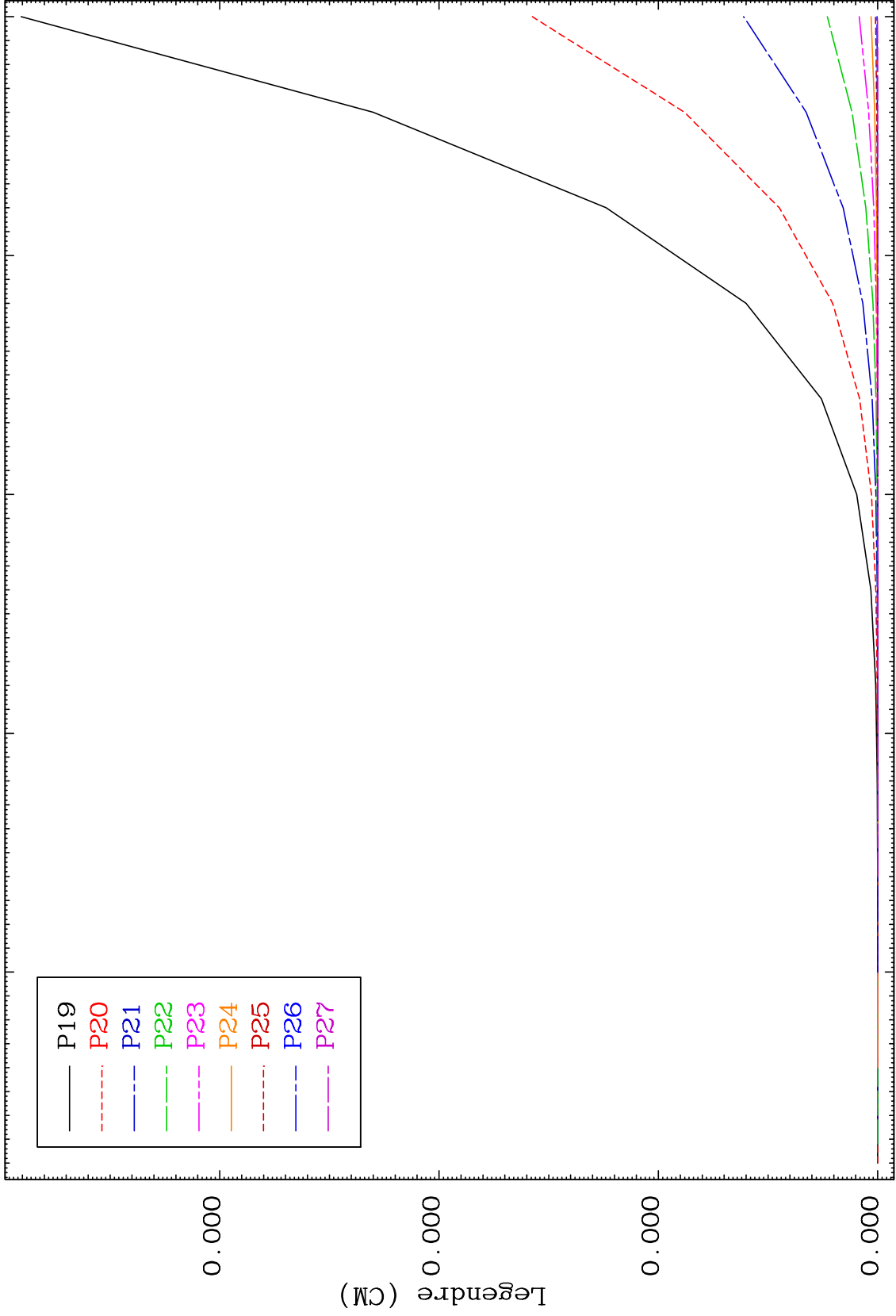
Elastic Legendre Coefficients



MAT 4437

Elastic Legendre Coefficients

44-Ru-100



18

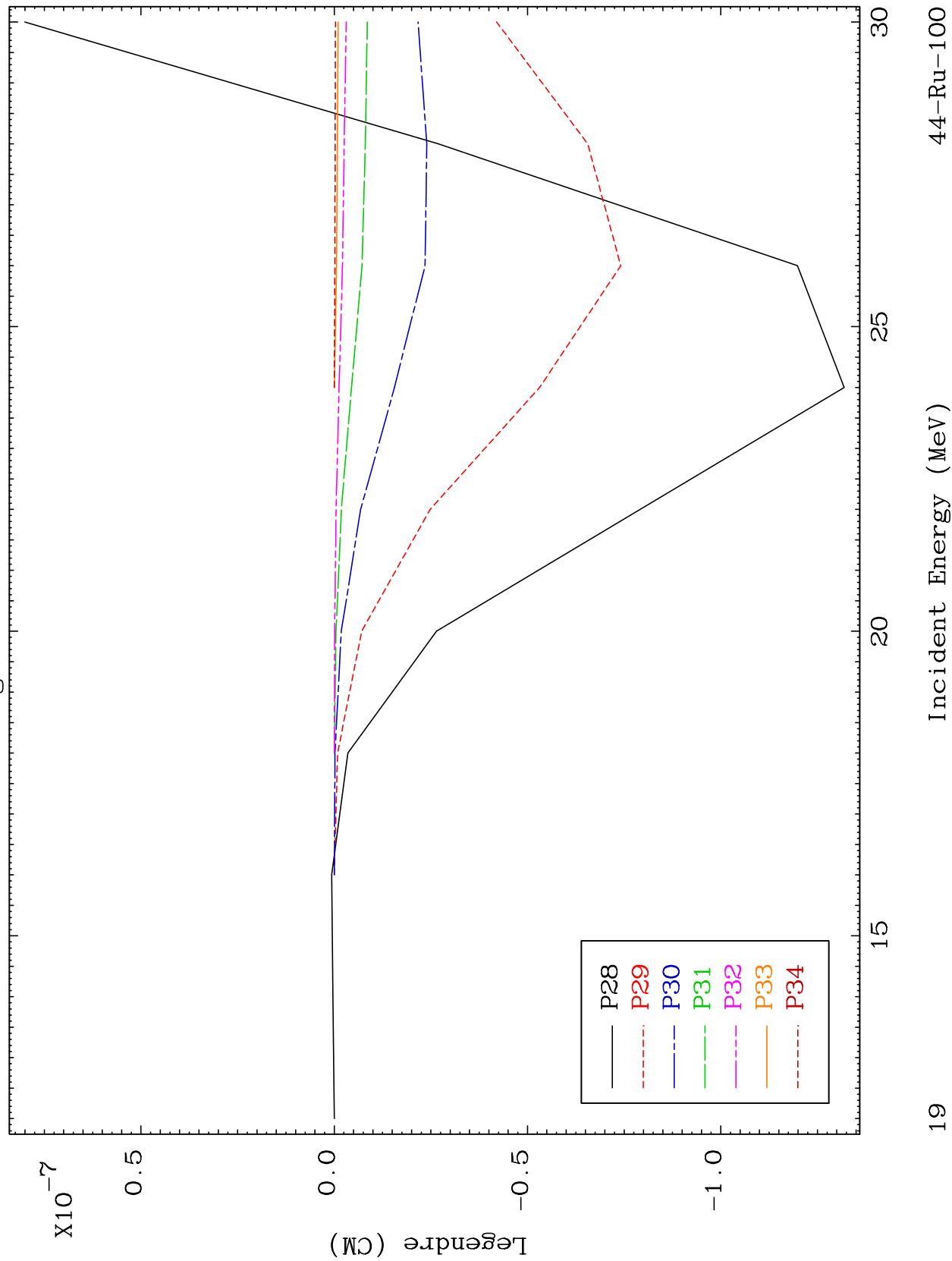
Incident Energy (MeV)

44-Ru-100

MAT 4437

Elastic Legendre Coefficients

44-Ru-100



19

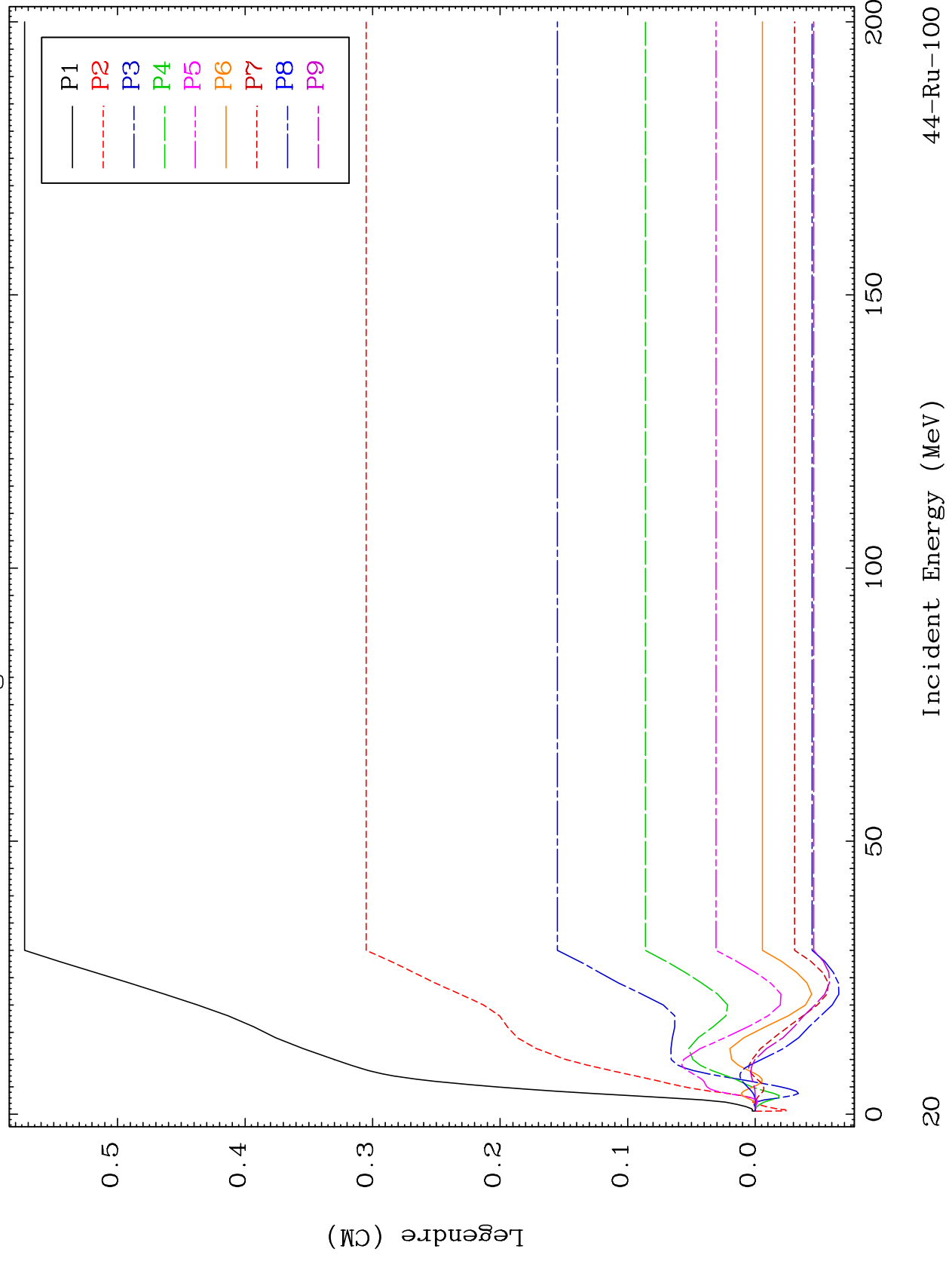
Incident Energy (MeV)

44-Ru-100

MAT 4437

539.5 keV (n, n') Level
Legendre Coefficients

44-Ru-100



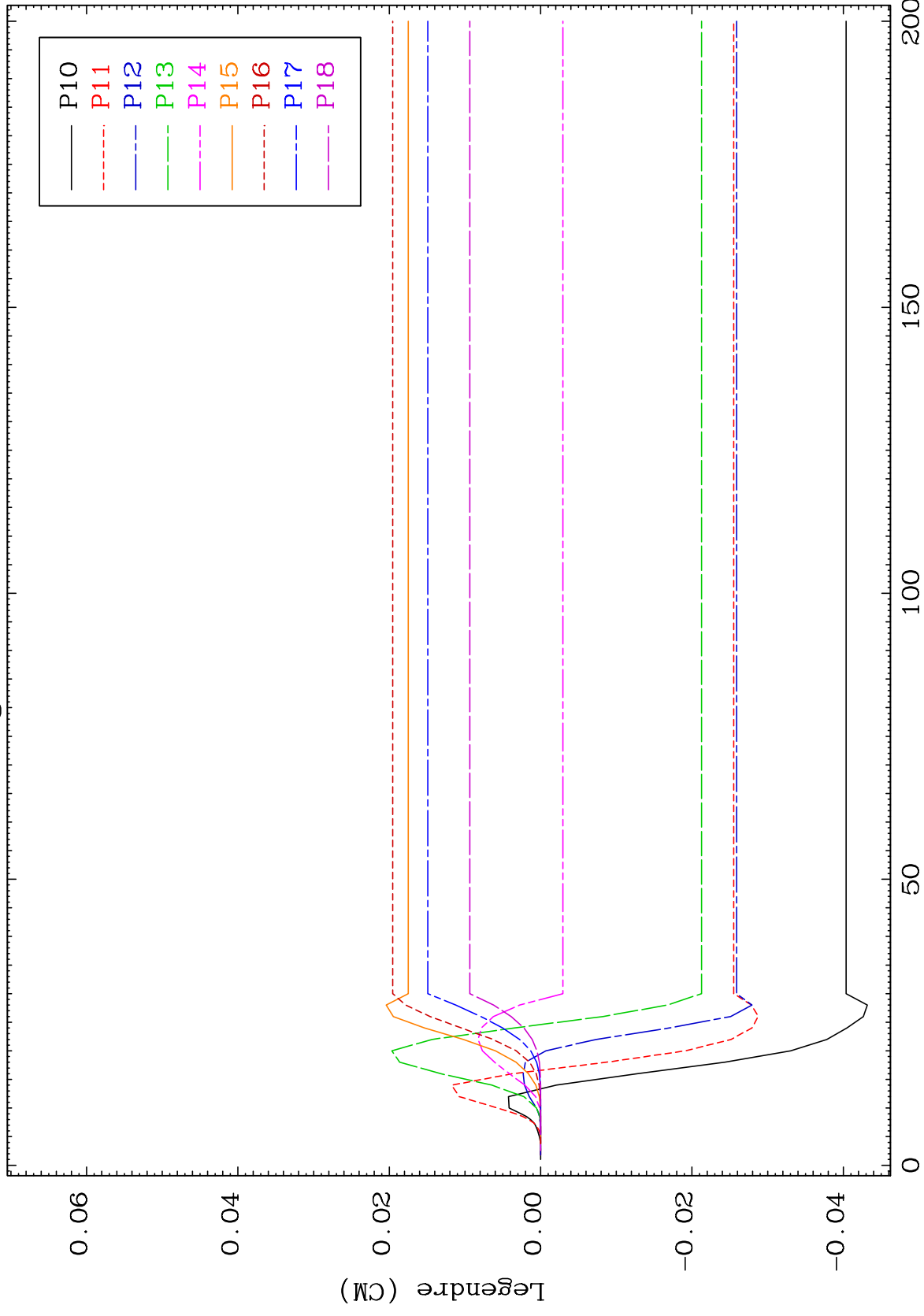
44-Ru-100

Incident Energy (MeV)

MAT 4437

539.5 keV (n,n') Level
Legendre Coefficients

44-Ru-100



21

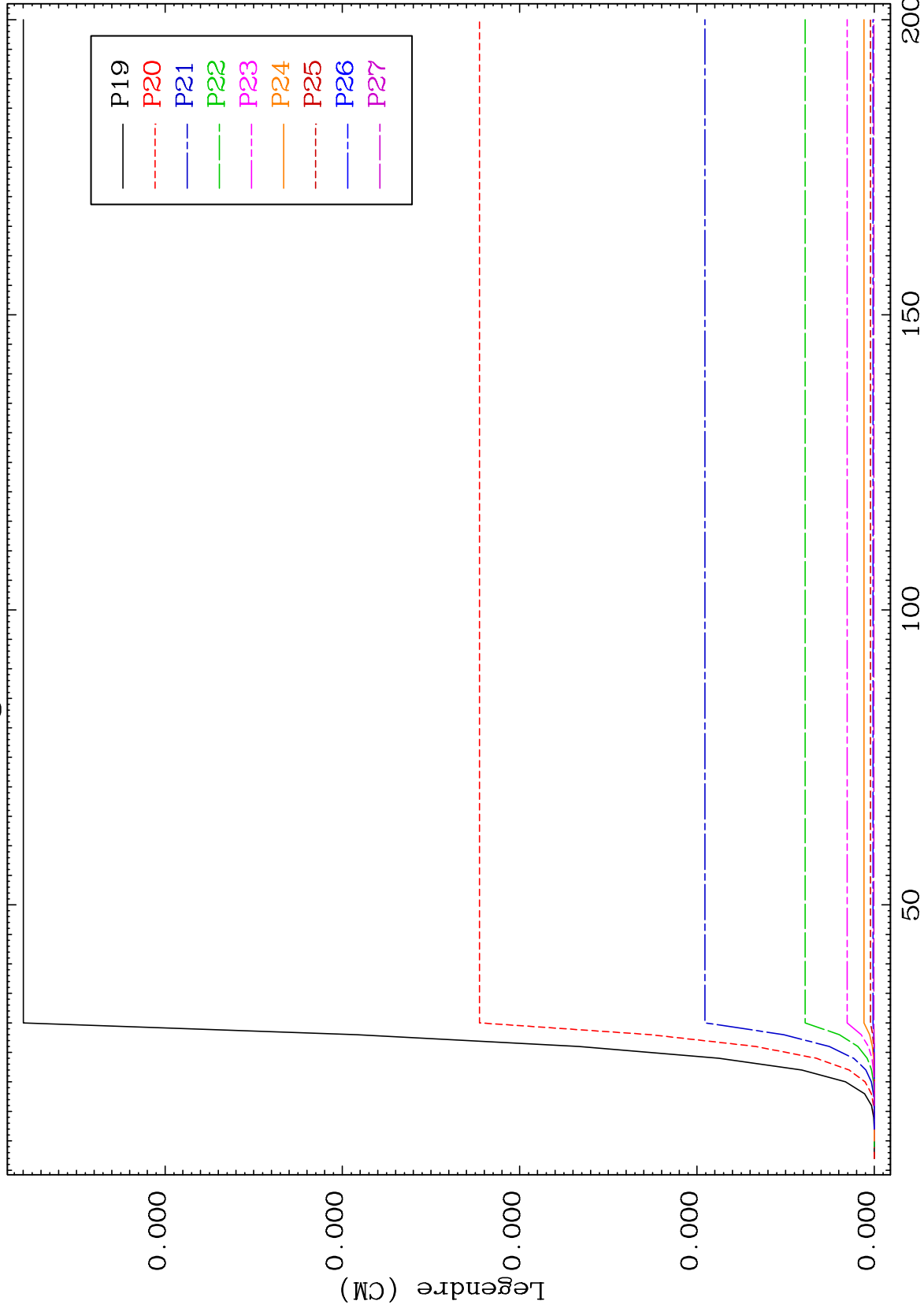
Incident Energy (MeV)

44-Ru-100

MAT 4437

539.5 keV (n,n') Level
Legendre Coefficients

44-Ru-100



22

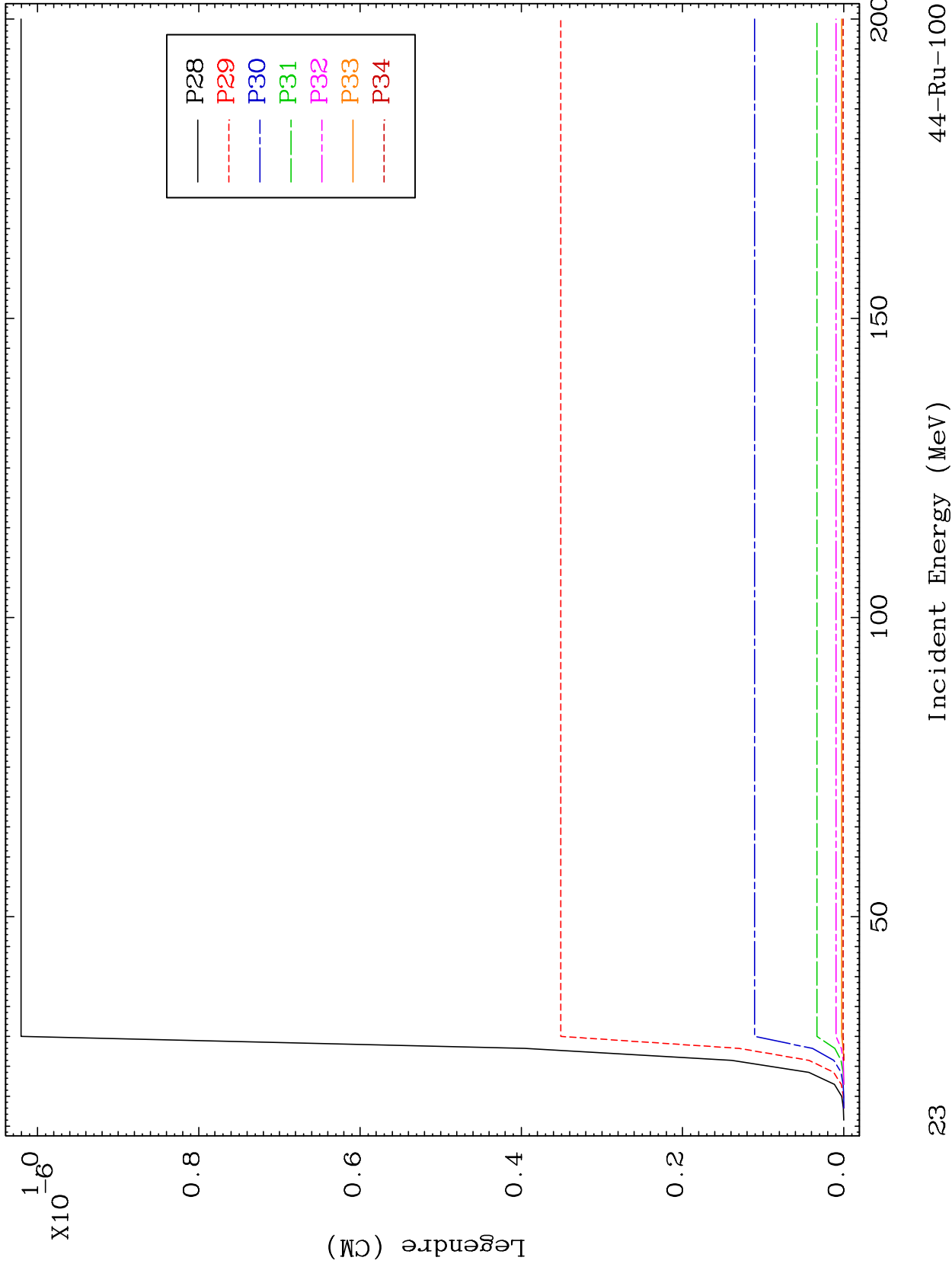
Incident Energy (MeV)

44-Ru-100

MAT 4437

539.5 keV (n, n') Level
Legendre Coefficients

44-Ru-100



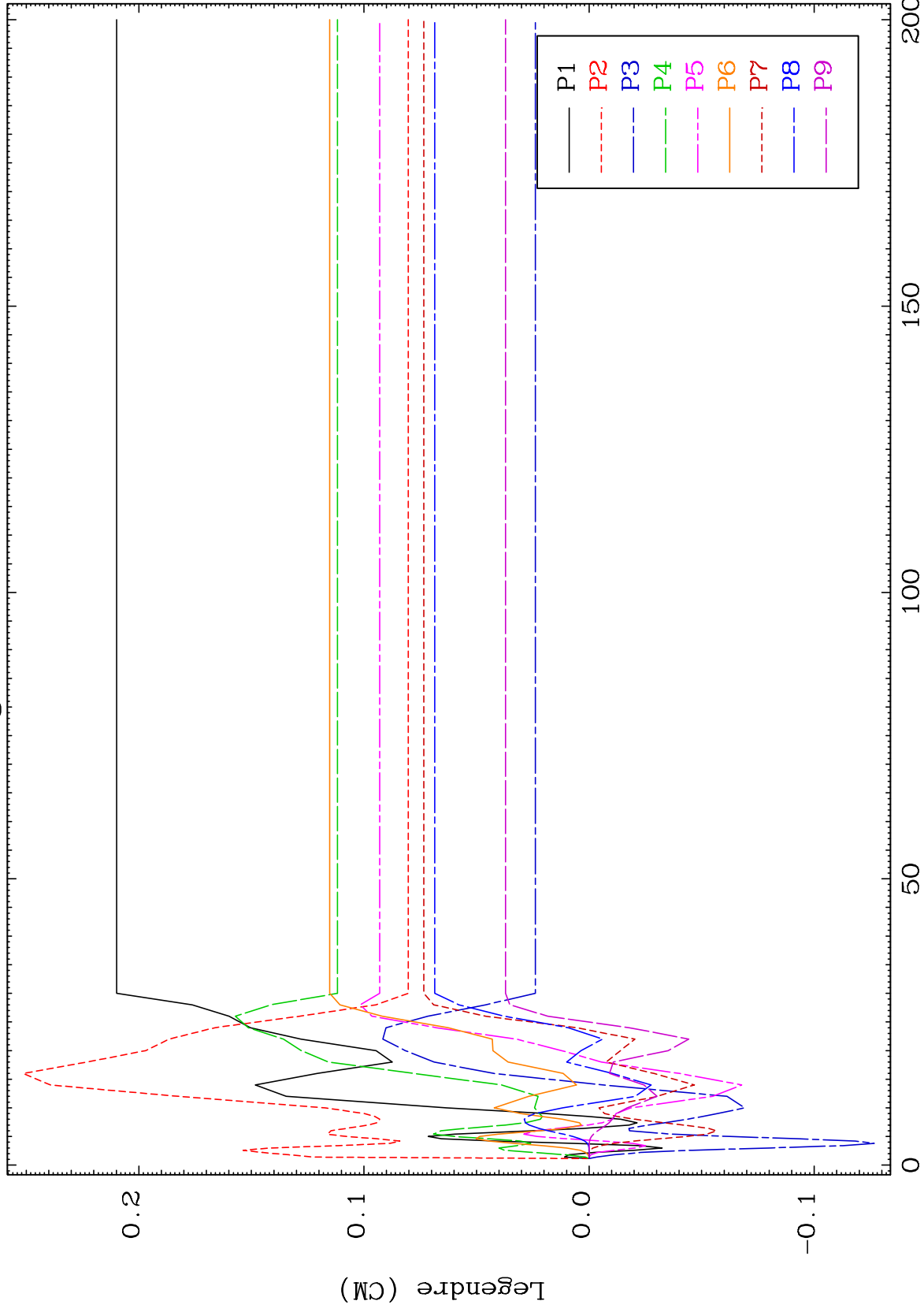
23

44-Ru-100

MAT 4437

1.130 MeV (n,n') Level
Legendre Coefficients

44-Ru-100



24

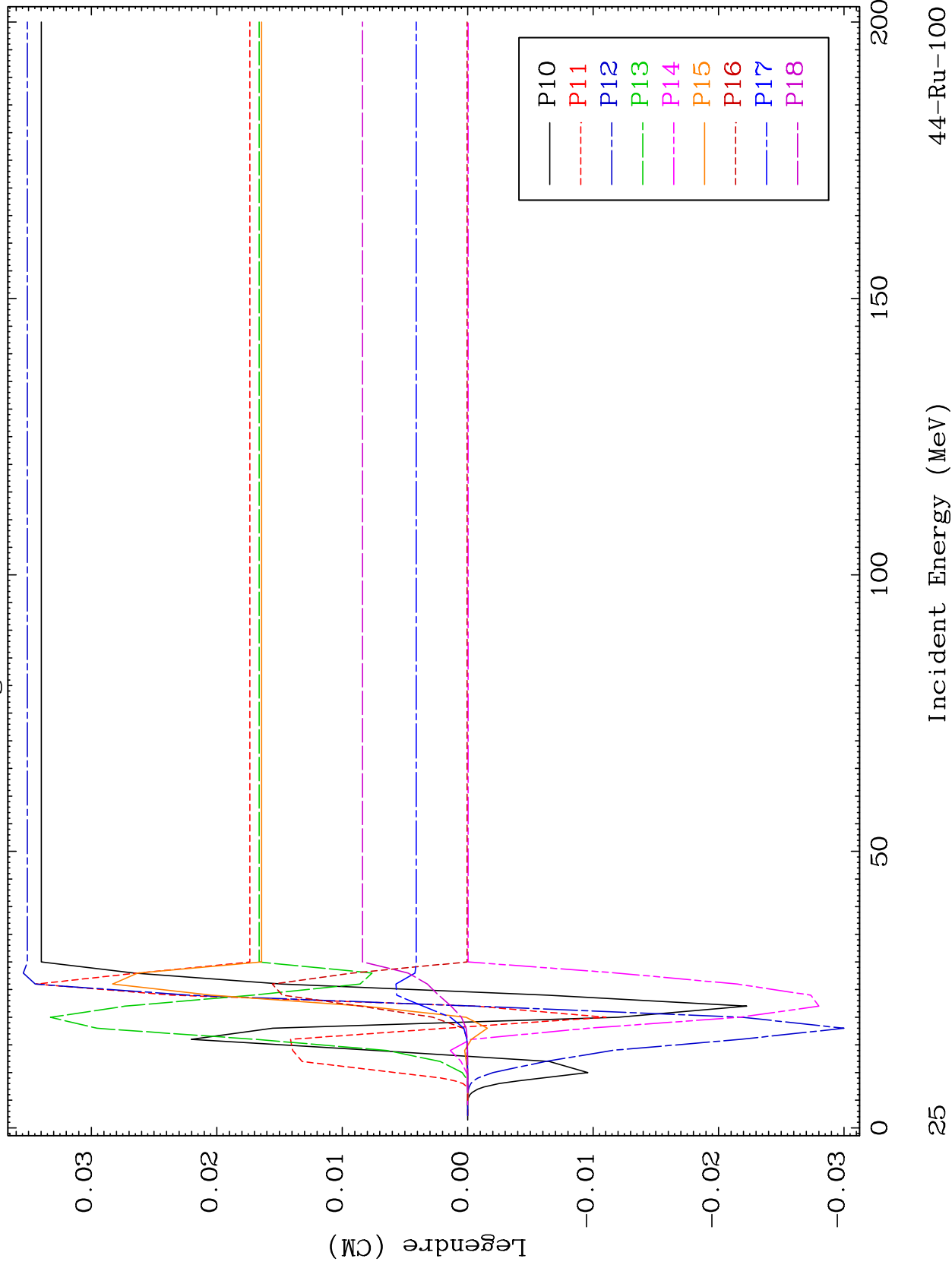
Incident Energy (MeV)

44-Ru-100

MAT 4437

1.130 MeV (n,n') Level
Legendre Coefficients

44-Ru-100



44-Ru-100

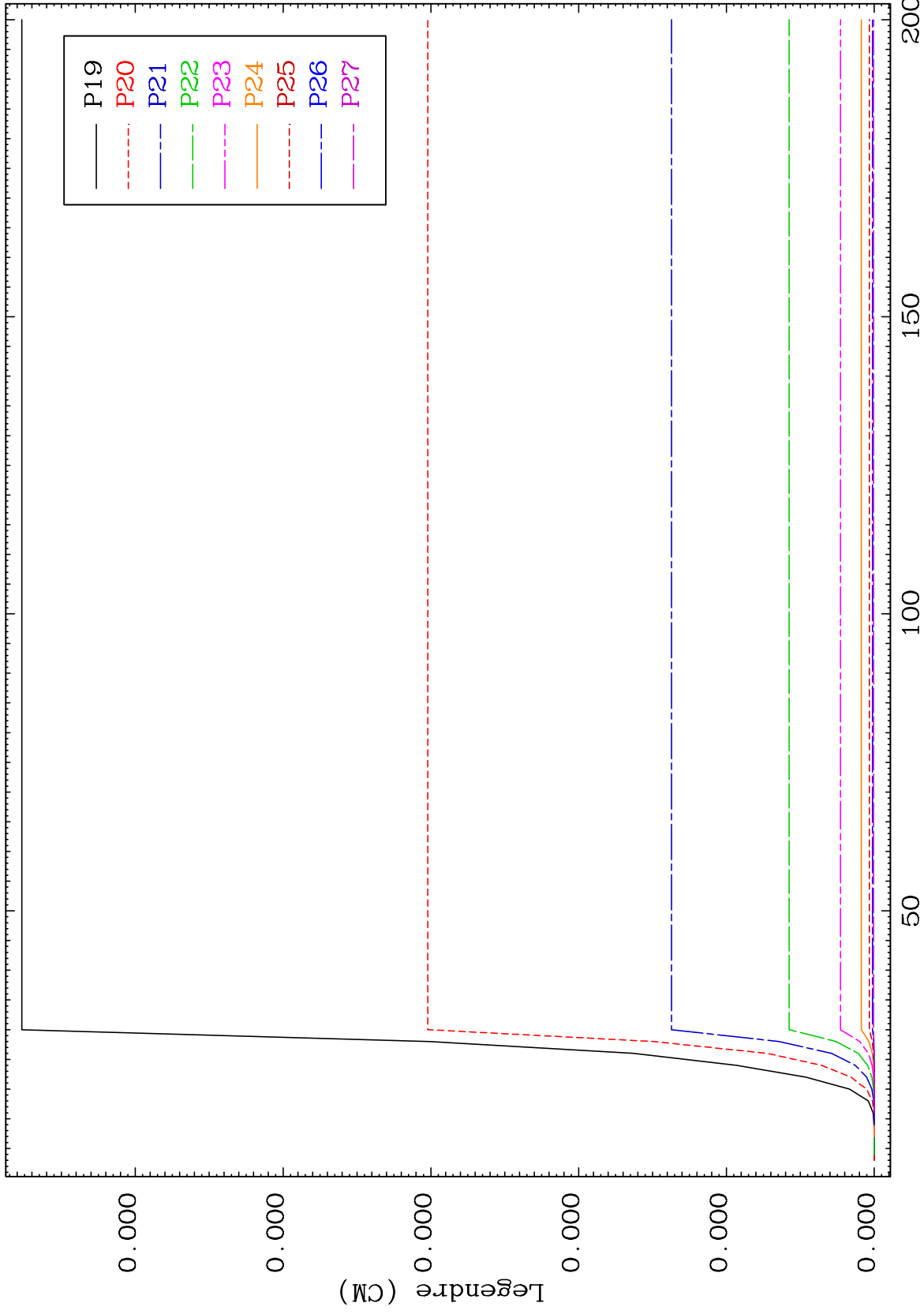
Incident Energy (MeV)

25

MAT 4437

1.130 MeV (n, n') Level
Legendre Coefficients

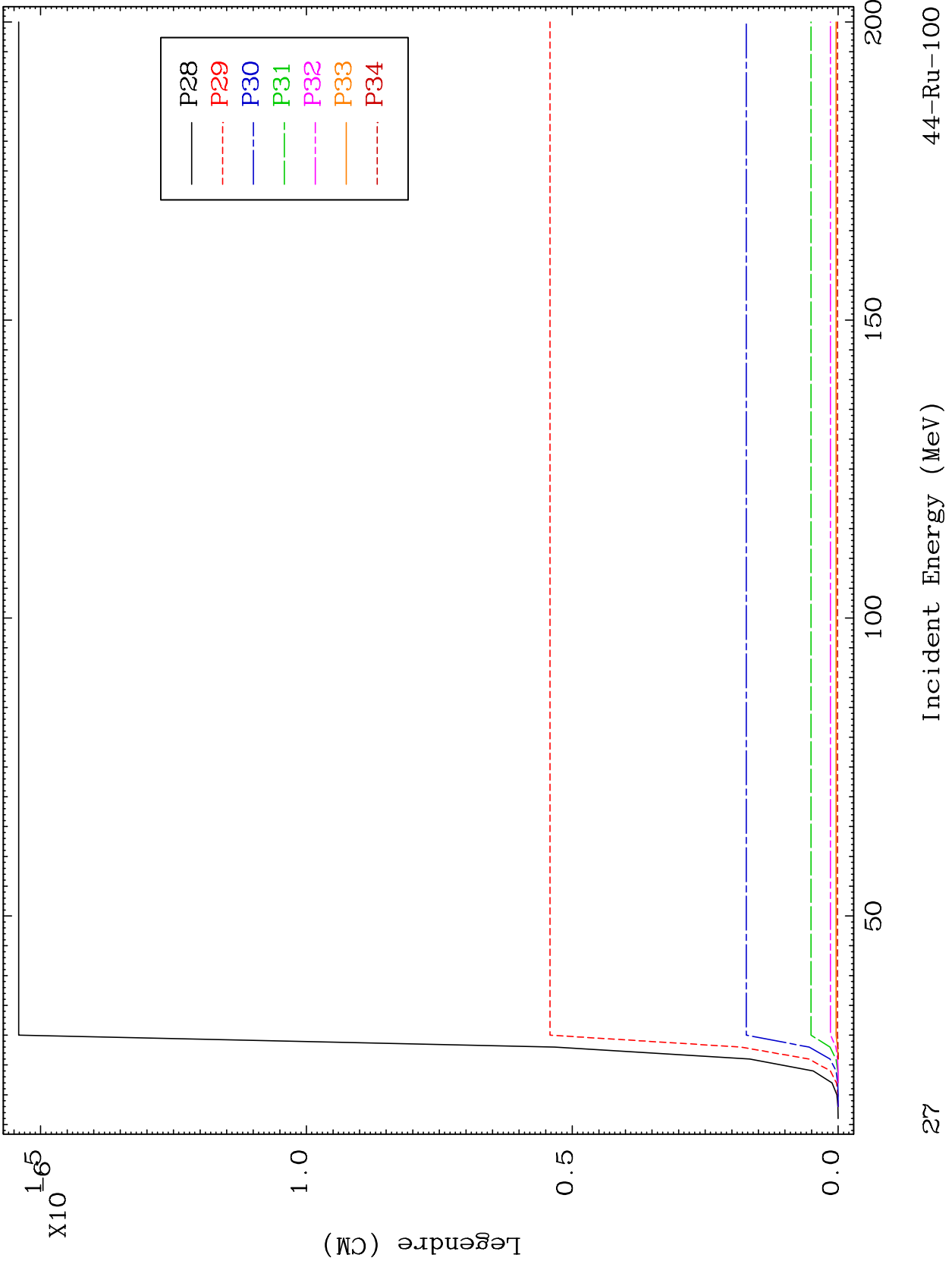
44-Ru-100



26

Incident Energy (MeV)

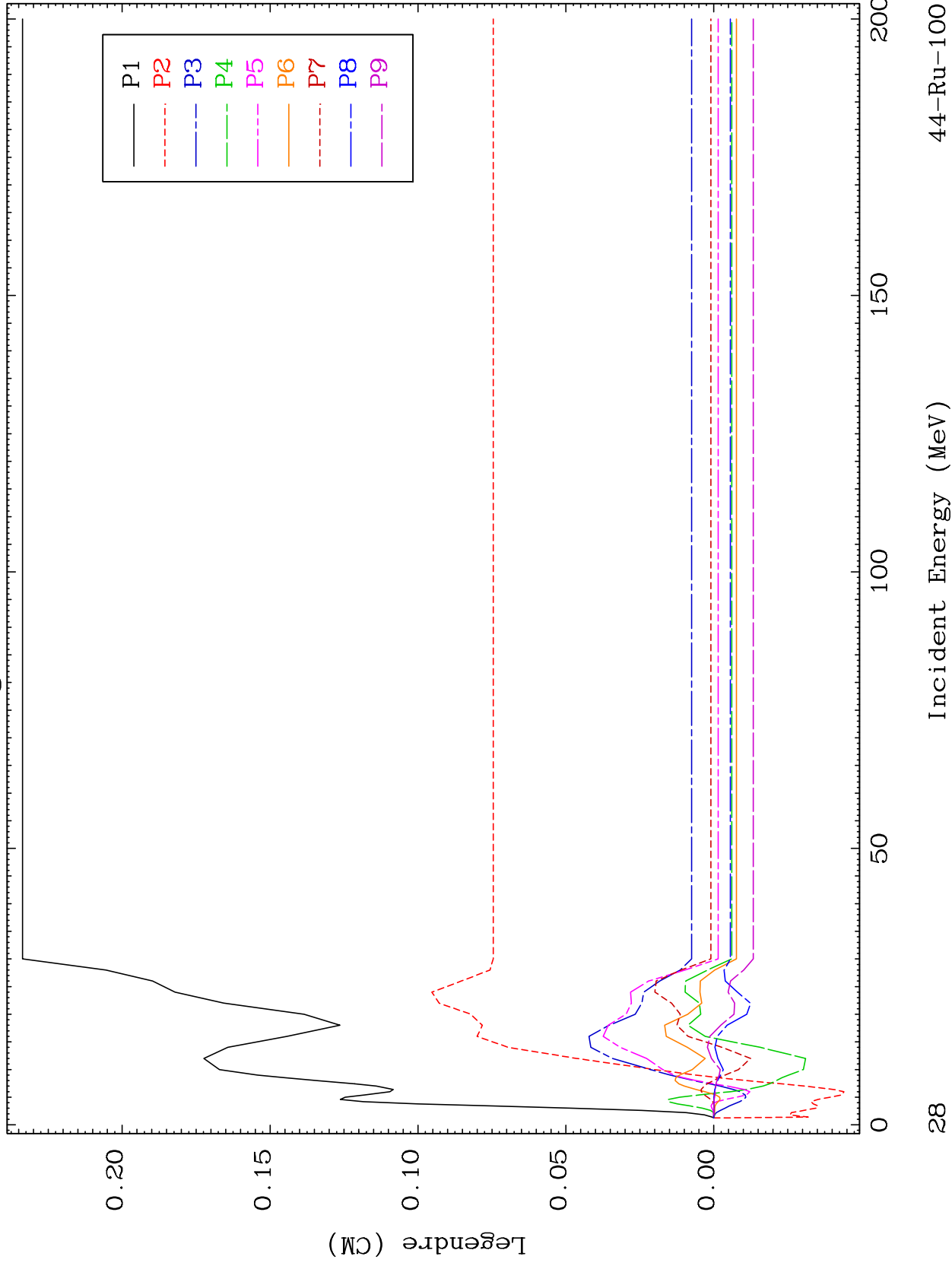
44-Ru-100



MAT 4437

1.226 MeV (n,n') Level
Legendre Coefficients

44-Ru-100



44-Ru-100

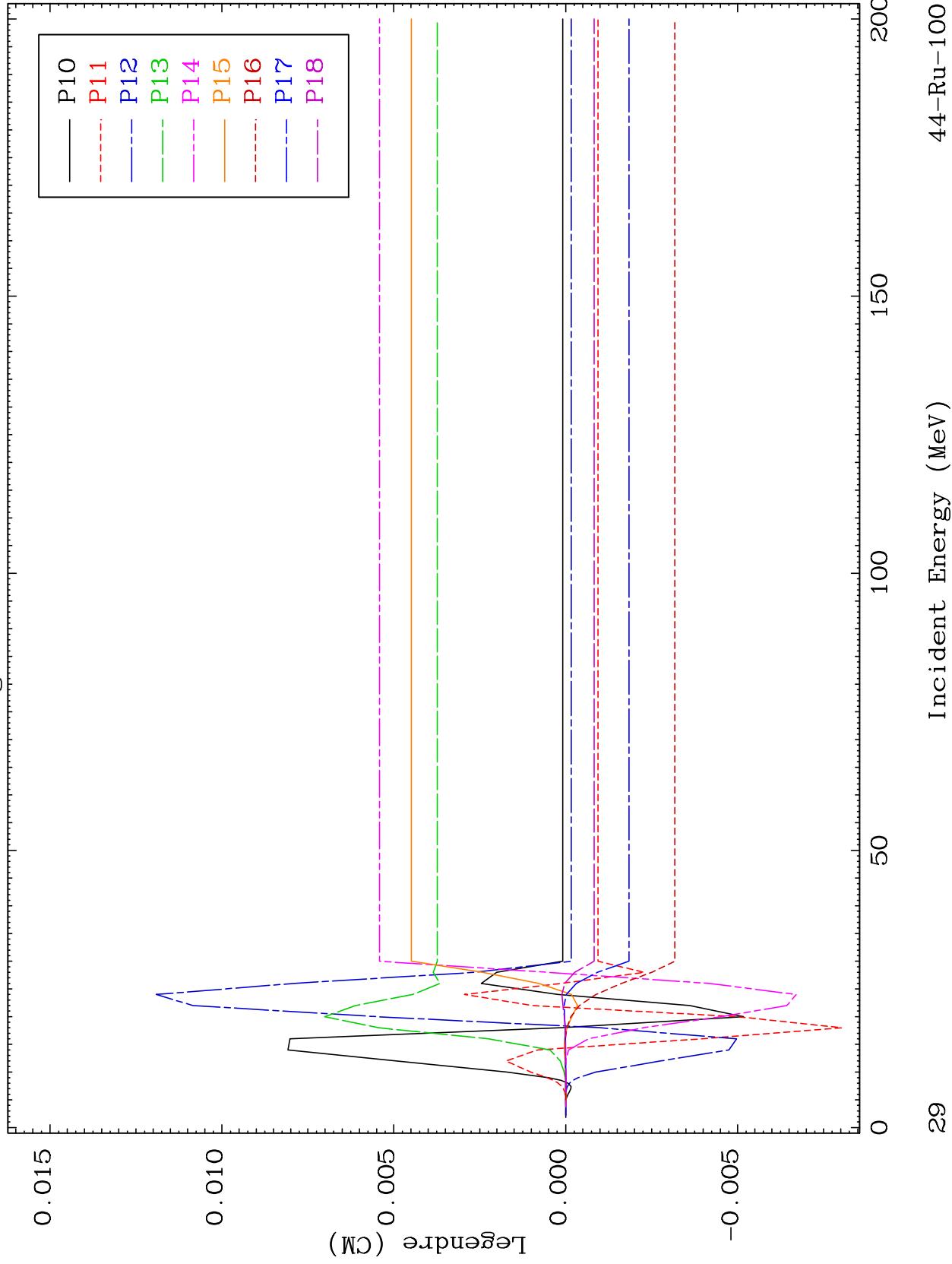
Incident Energy (MeV)

28

MAT 4437

1.226 MeV (n,n') Level
Legendre Coefficients

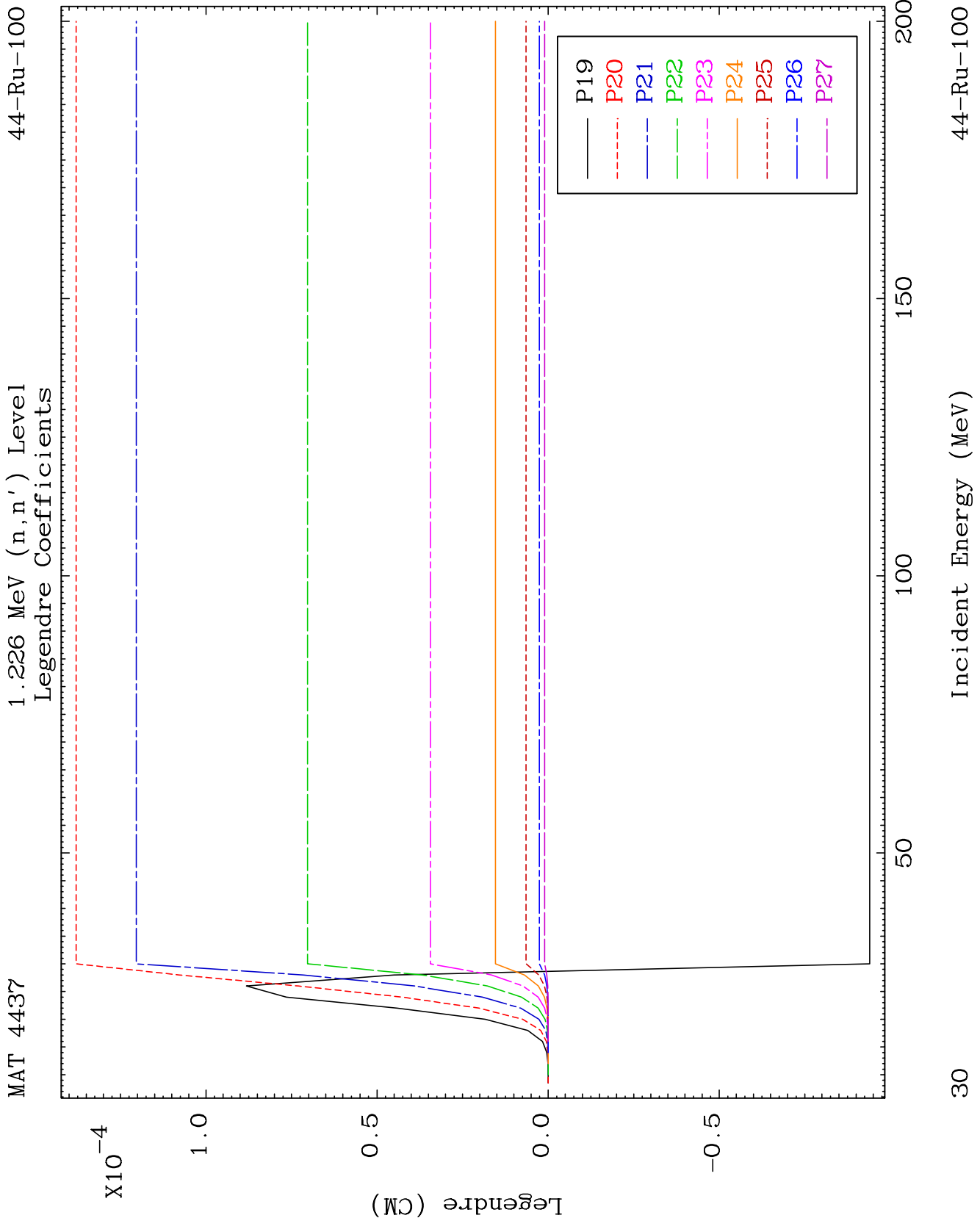
44-Ru-100



29

Incident Energy (MeV)

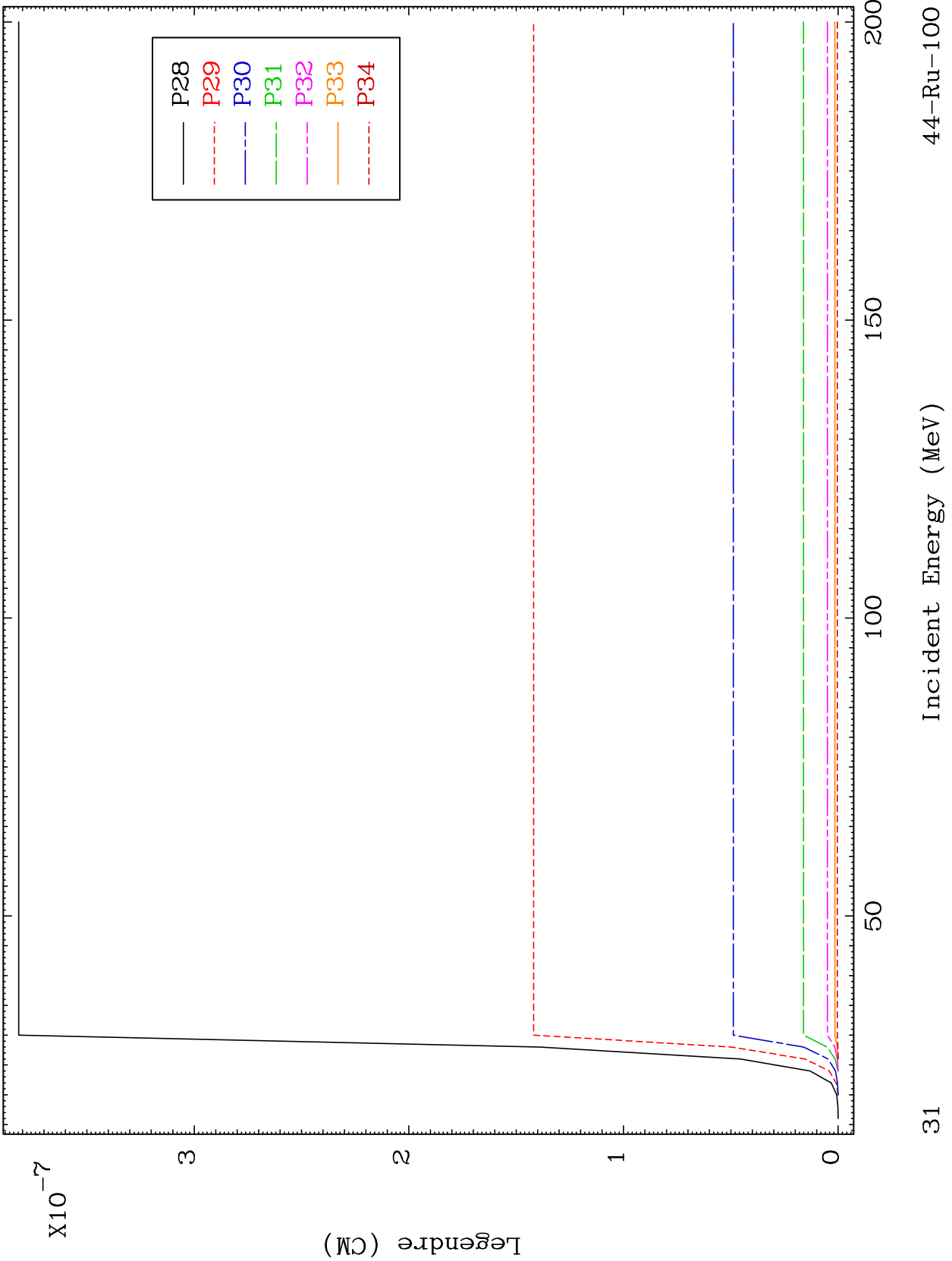
44-Ru-100



MAT 4437

1.226 MeV (n, n') Level
Legendre Coefficients

44-Ru-100



31

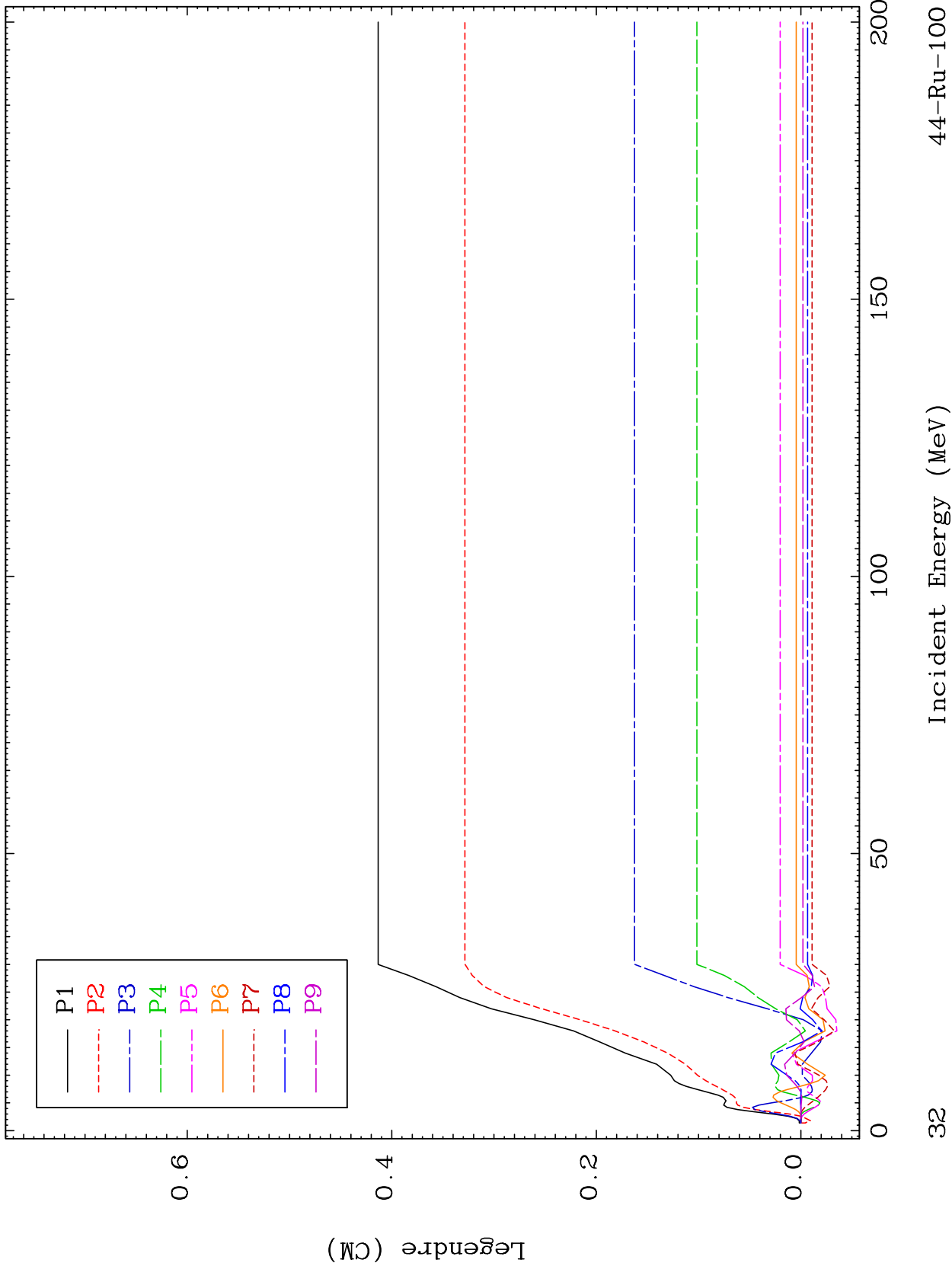
Incident Energy (MeV)

44-Ru-100

MAT 4437

1.362 MeV (n,n') Level
Legendre Coefficients

44-Ru-100



44-Ru-100

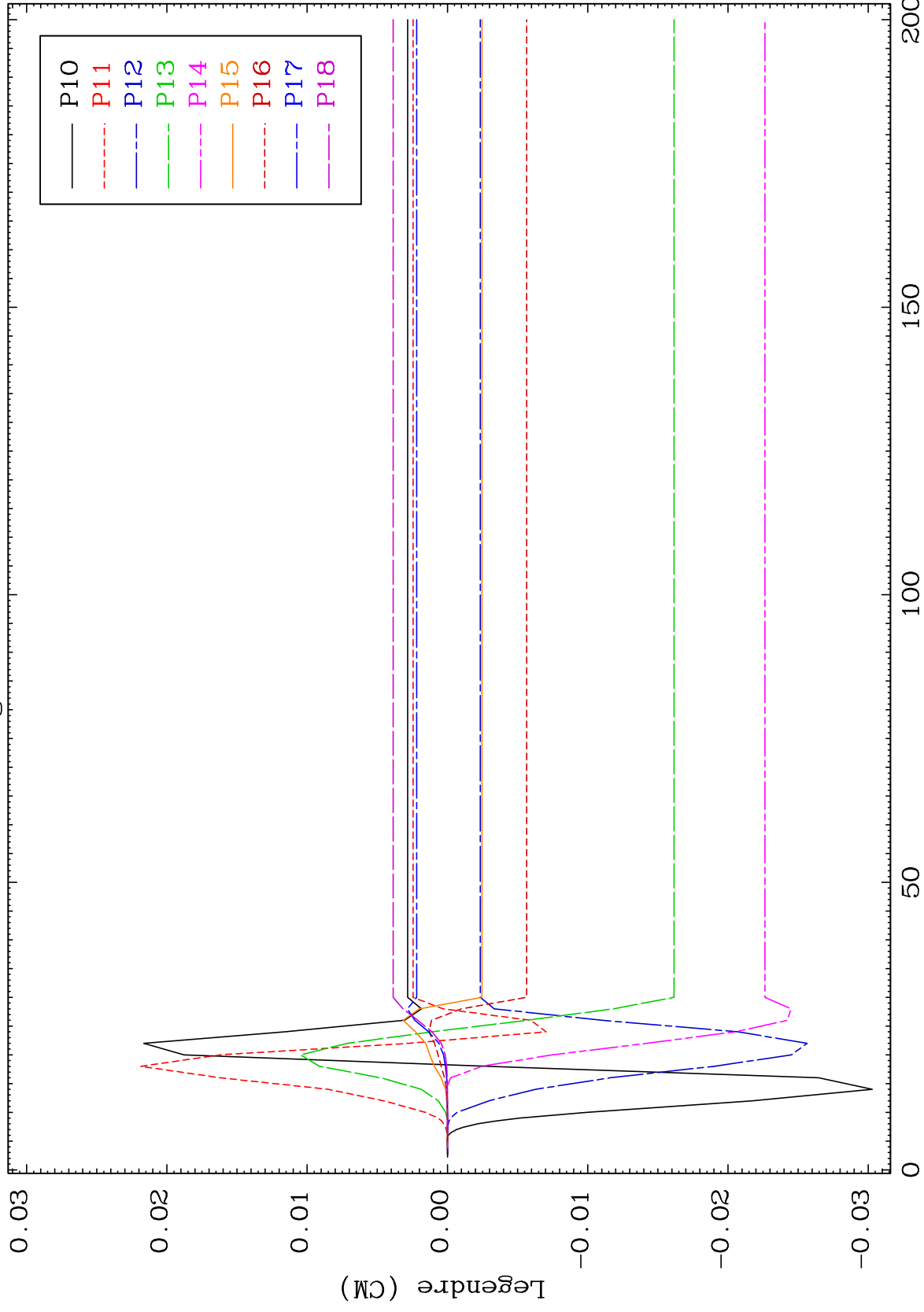
Incident Energy (MeV)

32

MAT 4437

1.362 MeV (n,n') Level
Legendre Coefficients

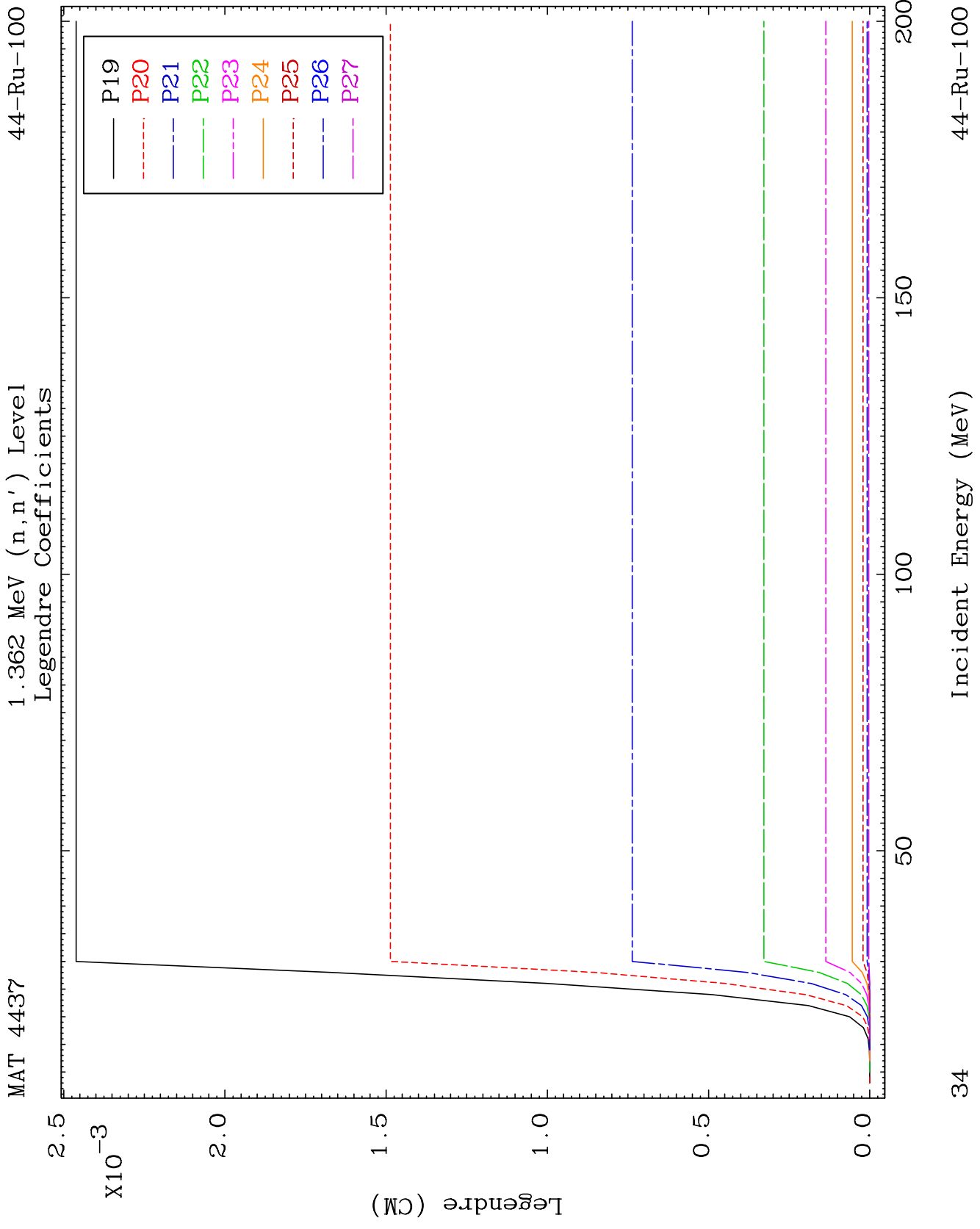
44-Ru-100



33

Incident Energy (MeV)

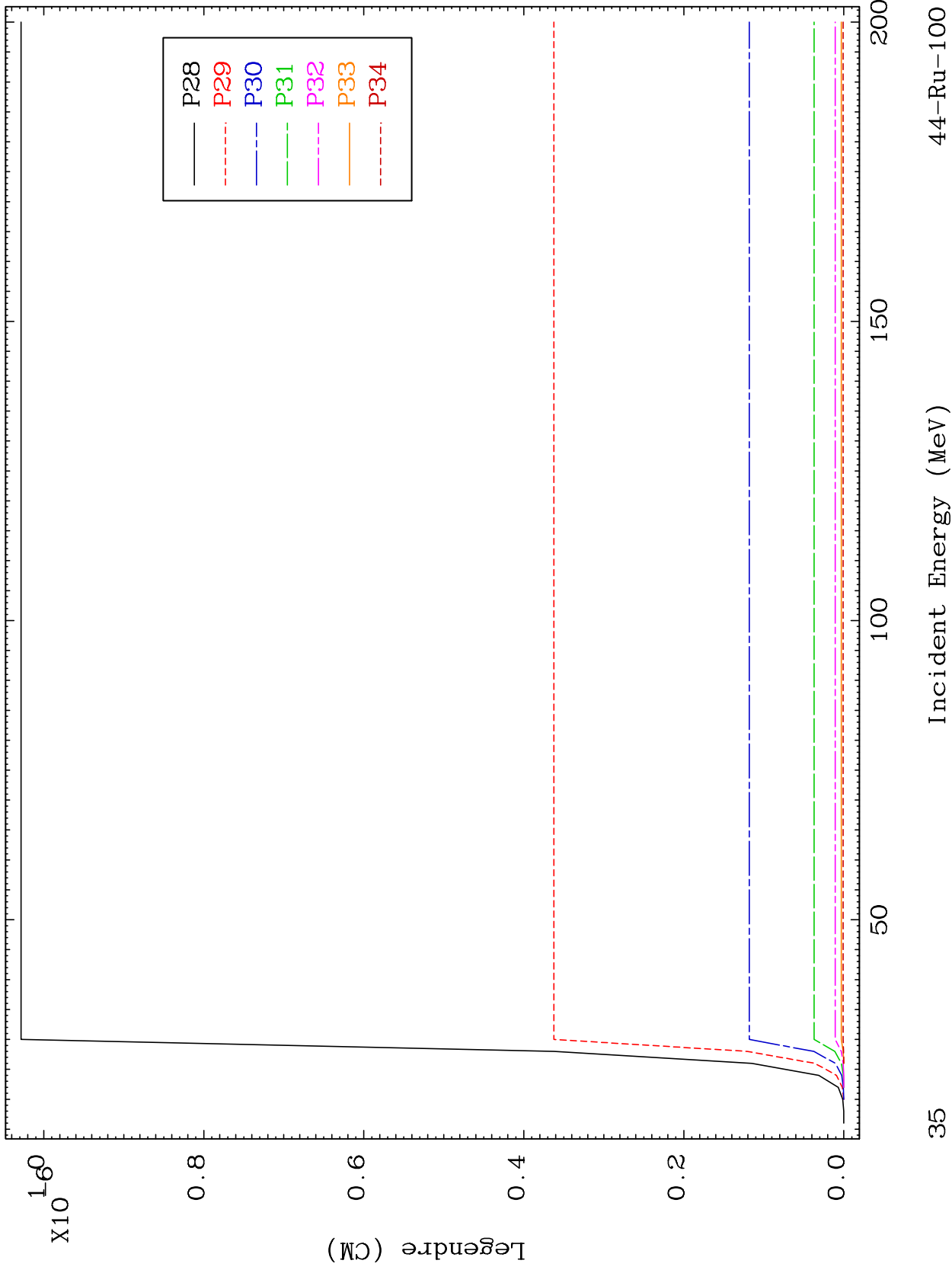
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MAT 4437

1.362 MeV (n, n') Level
Legendre Coefficients

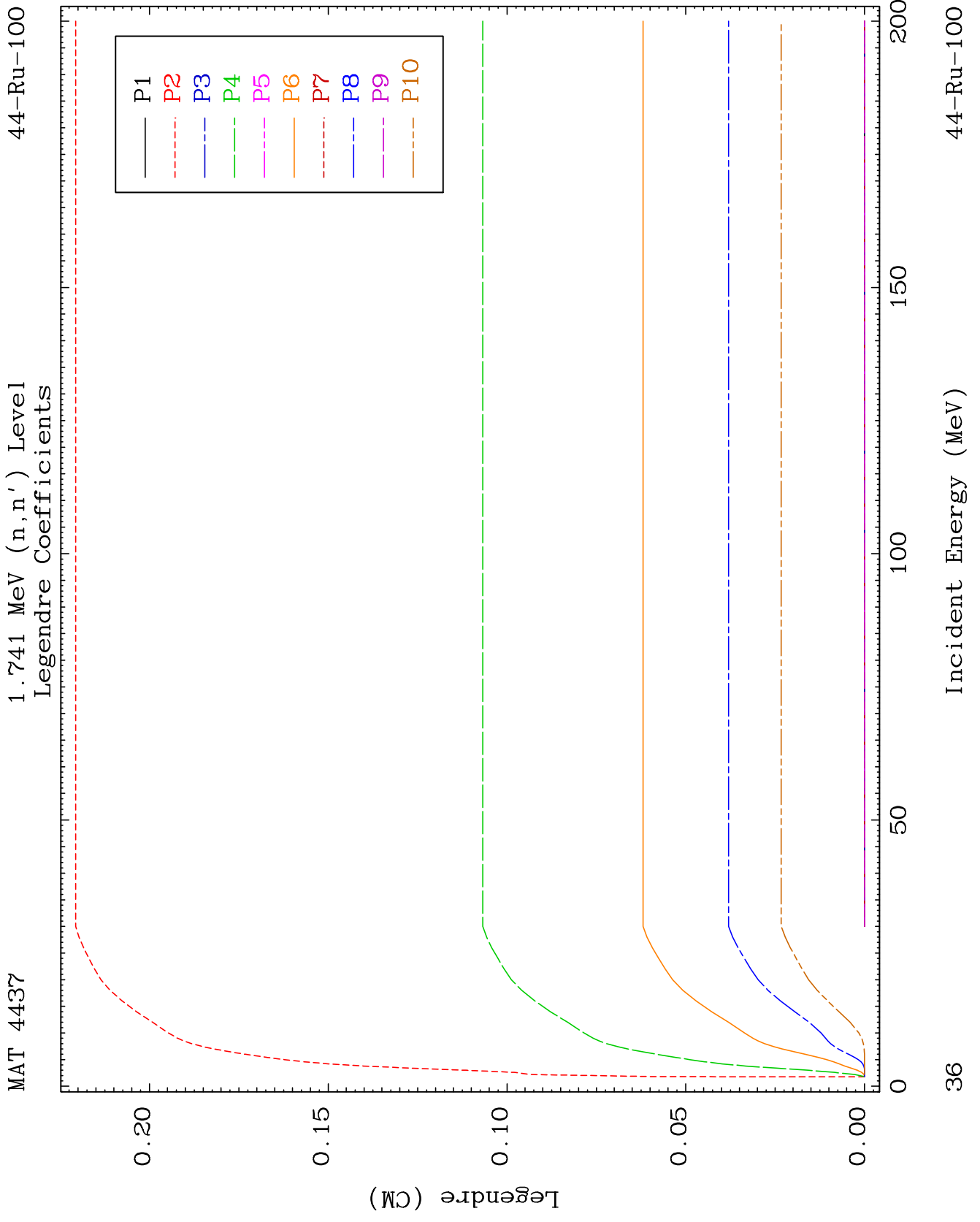
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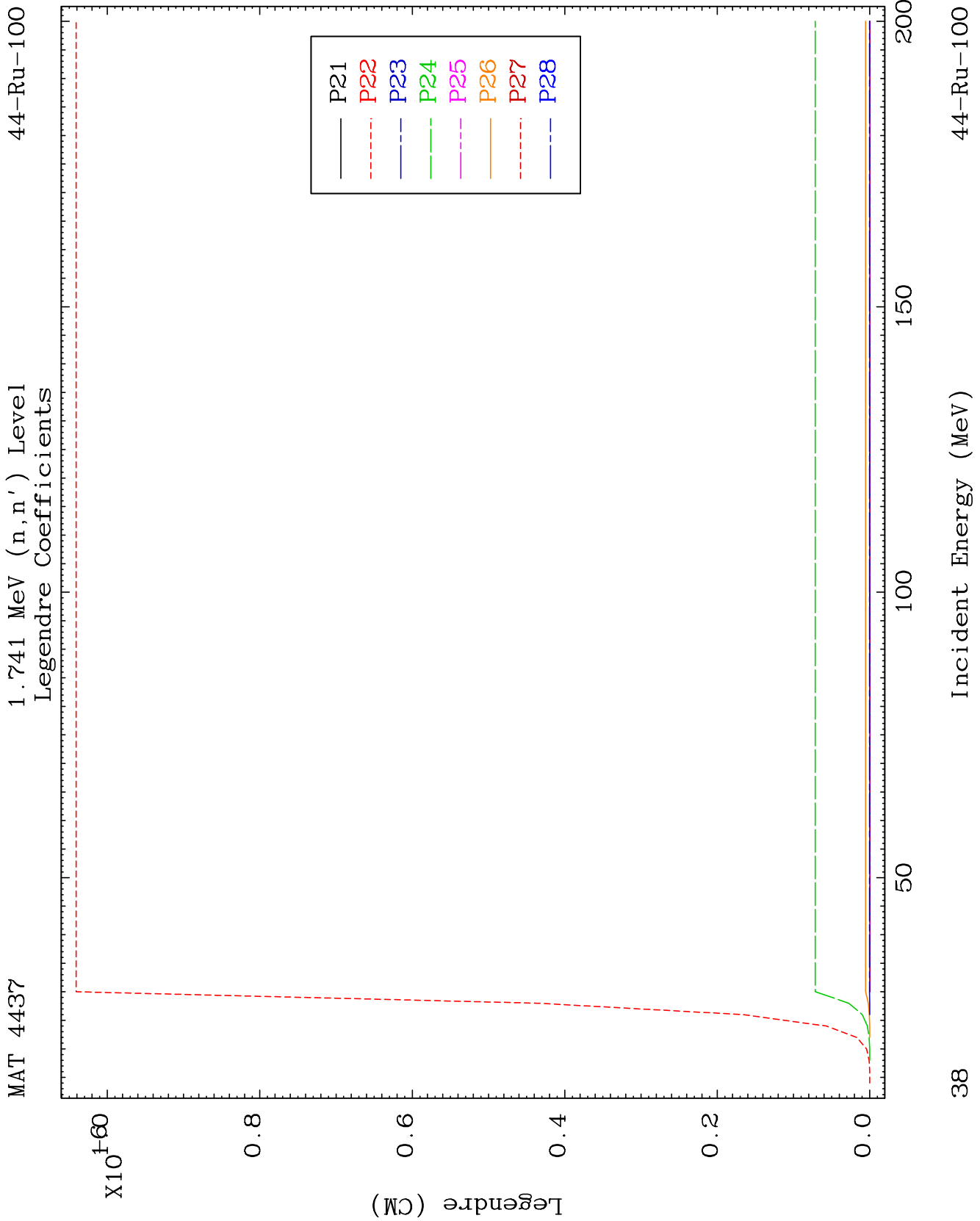


35

Incident Energy (MeV)

44-Ru-100

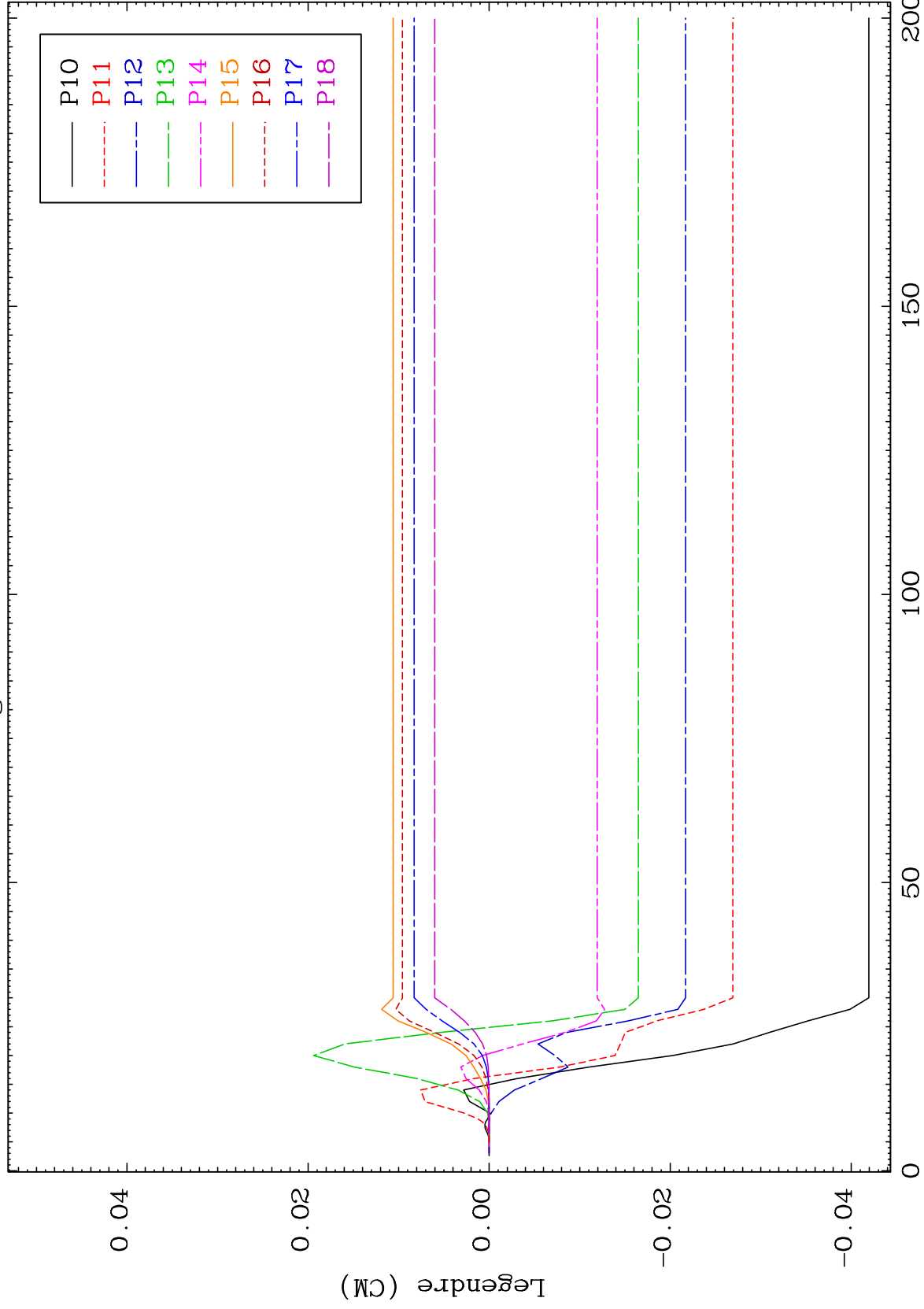




MAT 4437

1.865 MeV (n,n') Level
Legendre Coefficients

44-Ru-100



40

Incident Energy (MeV)

50

100

150

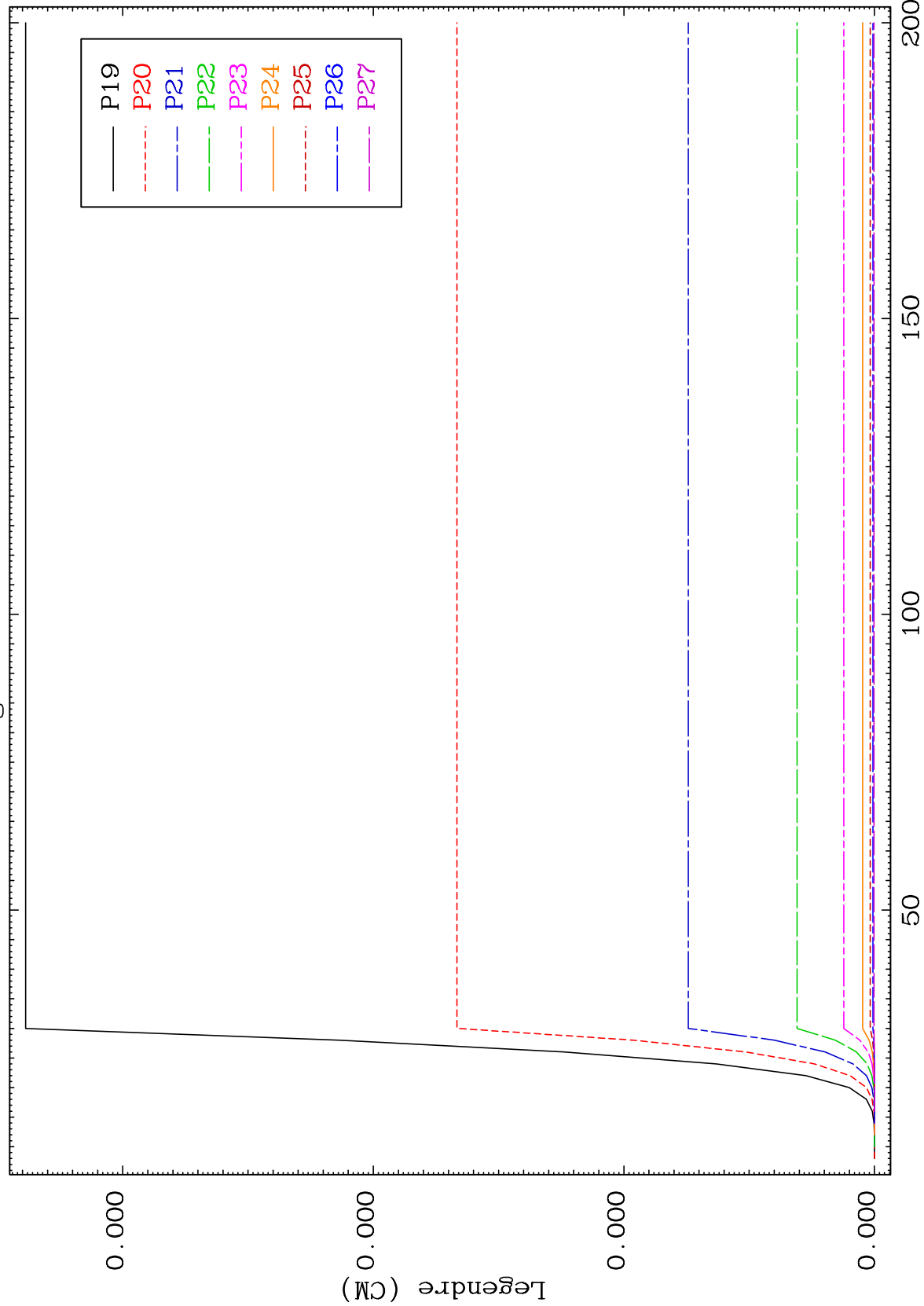
200

44-Ru-100

MAT 4437

1.865 MeV (n, n') Level
Legendre Coefficients

44-Ru-100



41

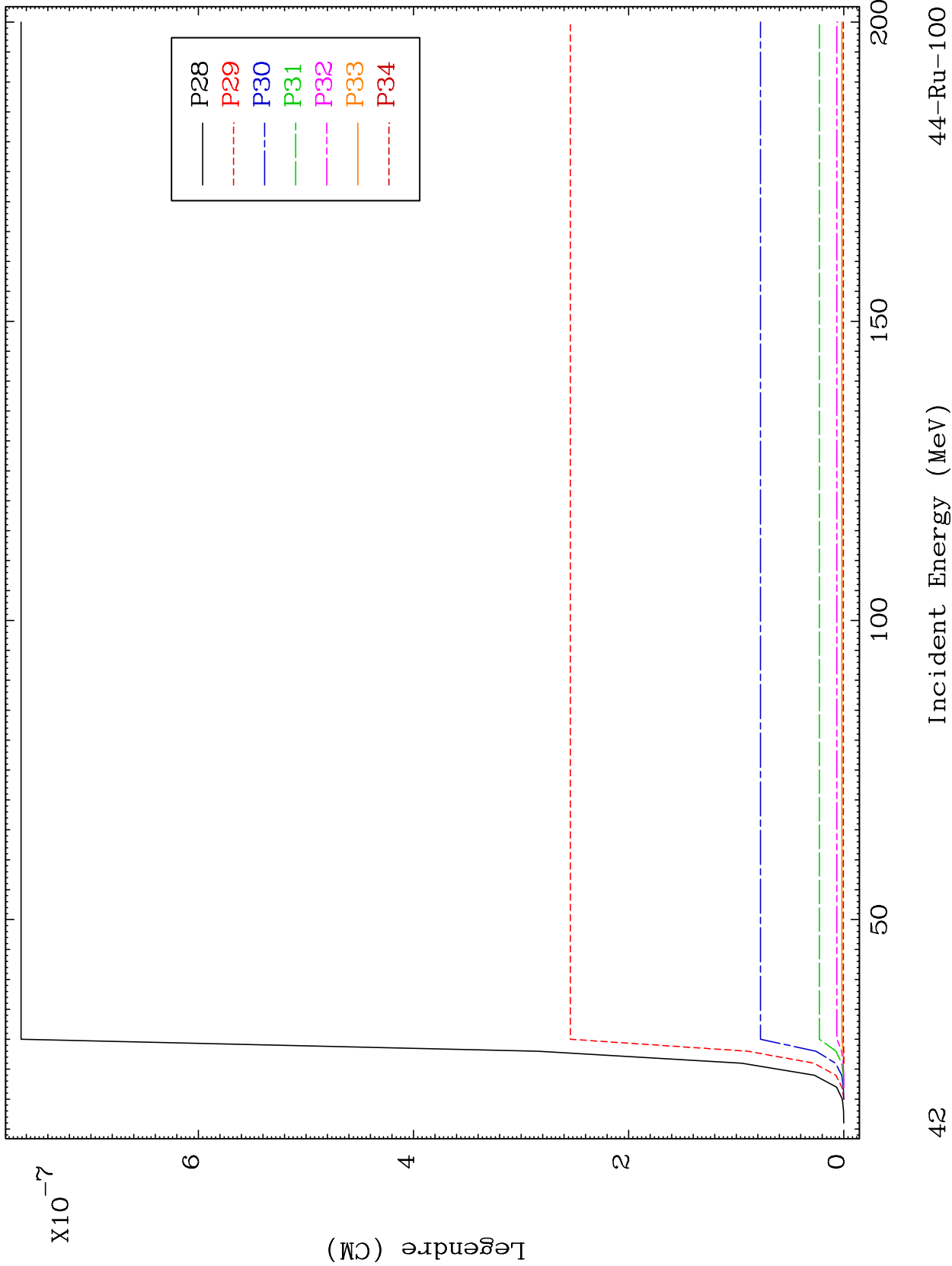
Incident Energy (MeV)

44-Ru-100

MAT 4437

1.865 MeV (n,n') Level
Legendre Coefficients

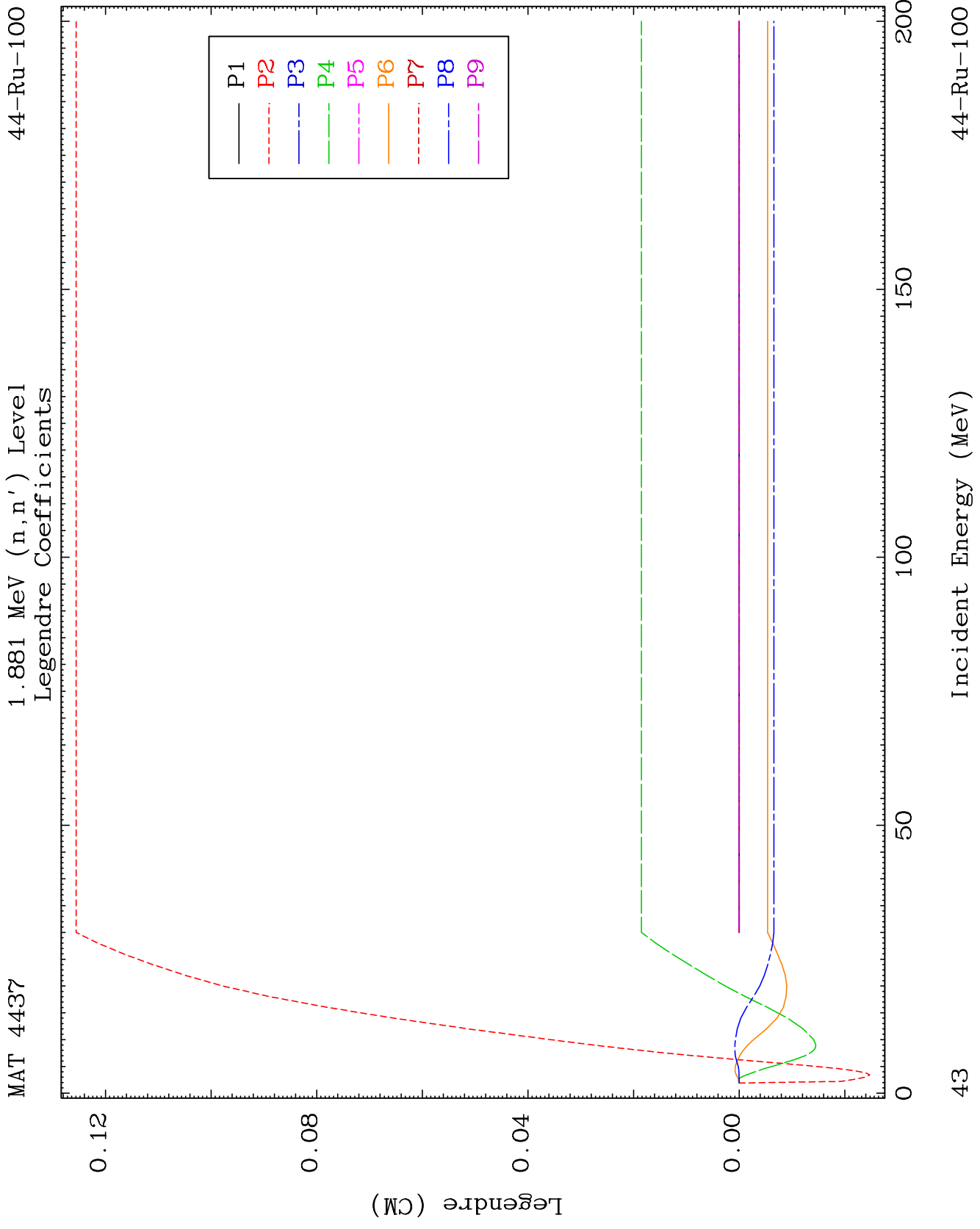
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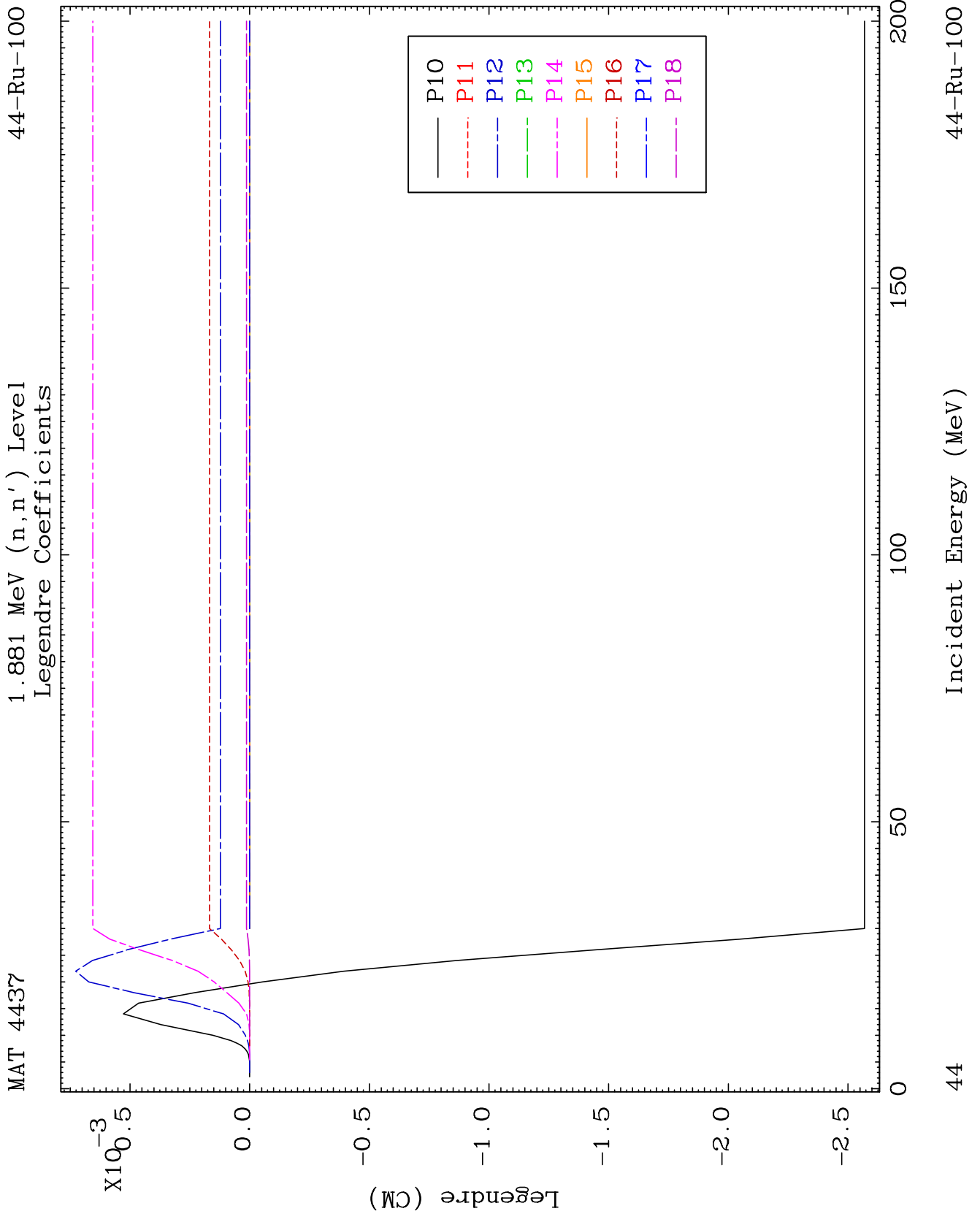


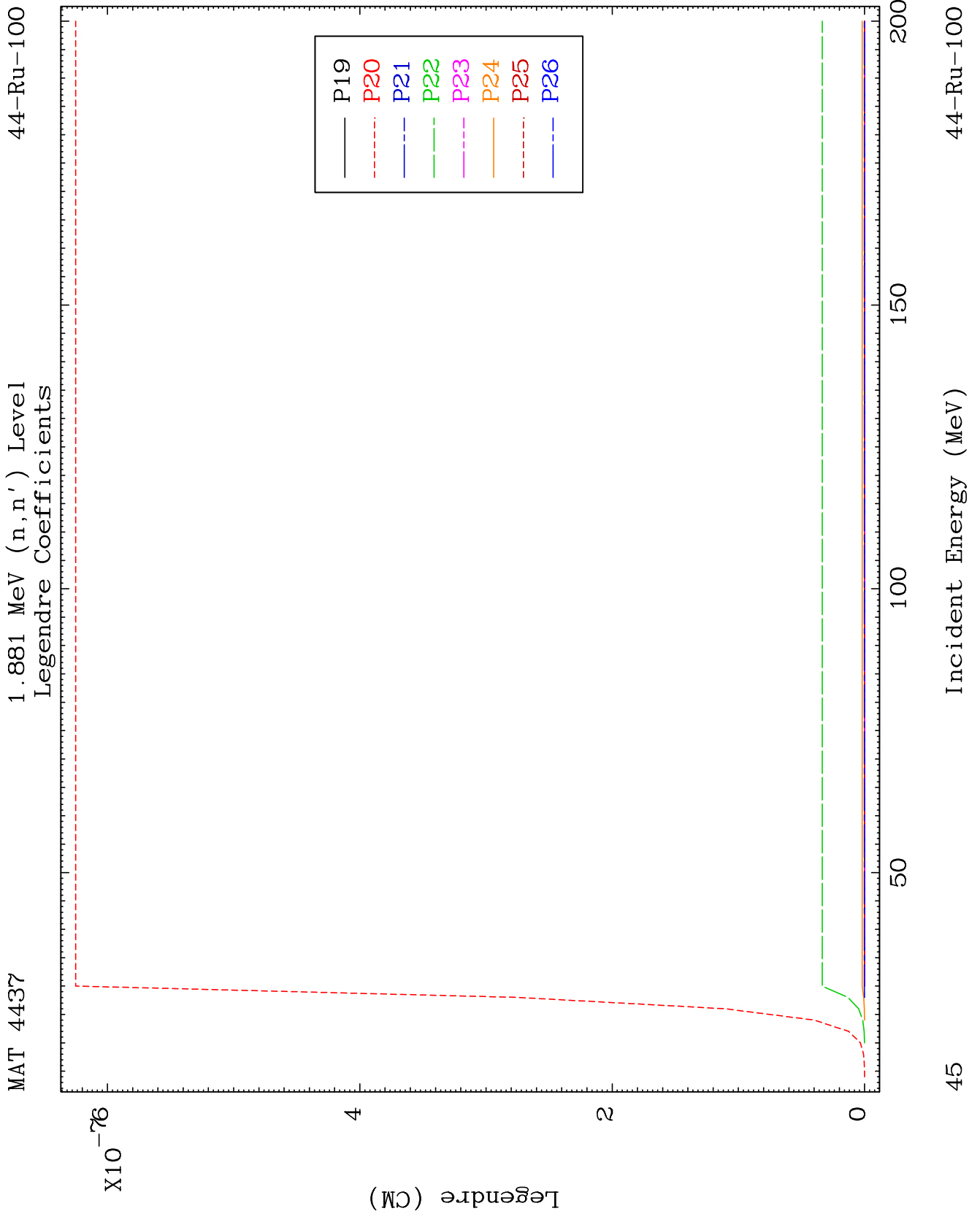
42

Incident Energy (MeV)

44-Ru-100



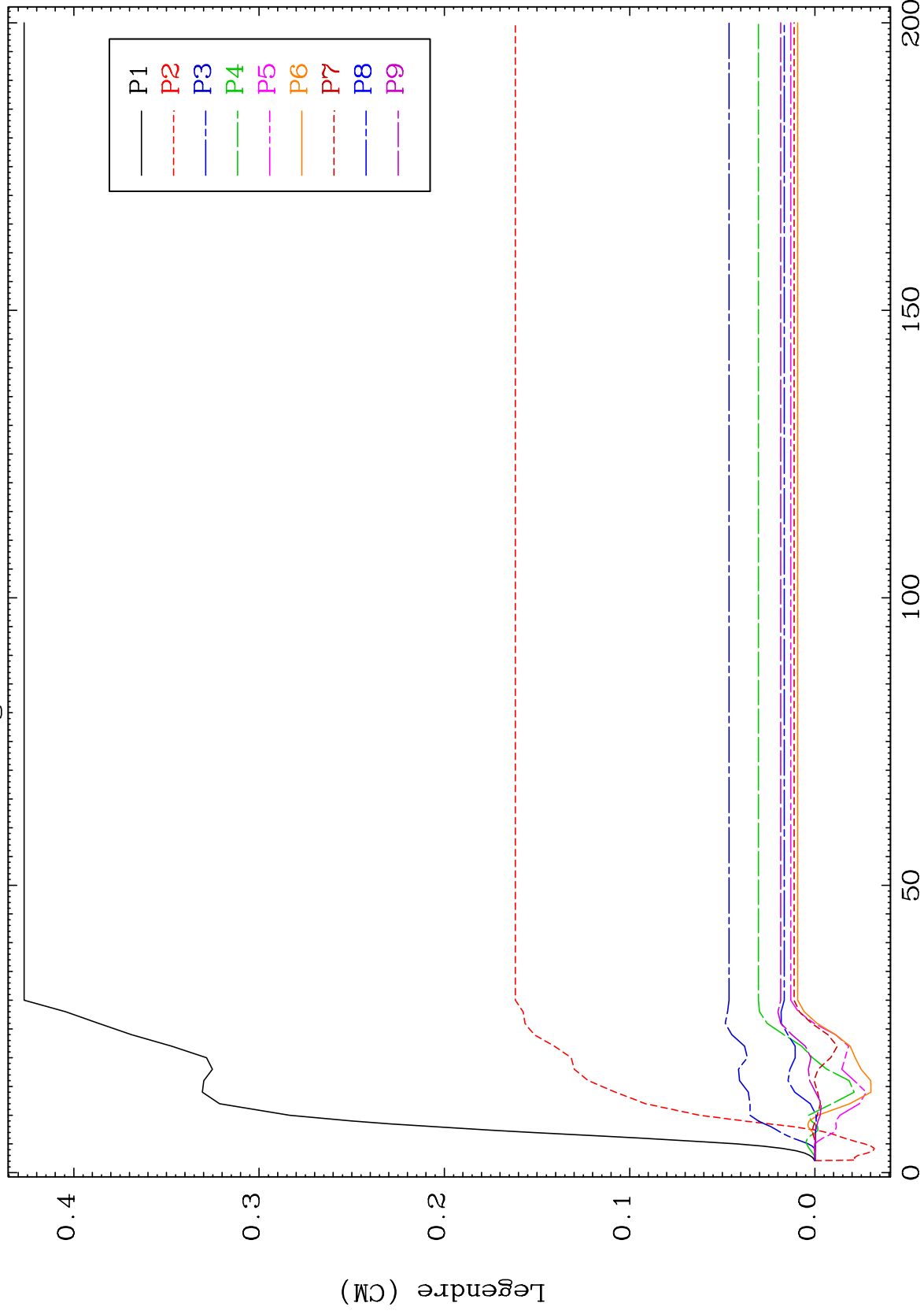




MAT 4437

2.063 MeV (n, n') Level
Legendre Coefficients

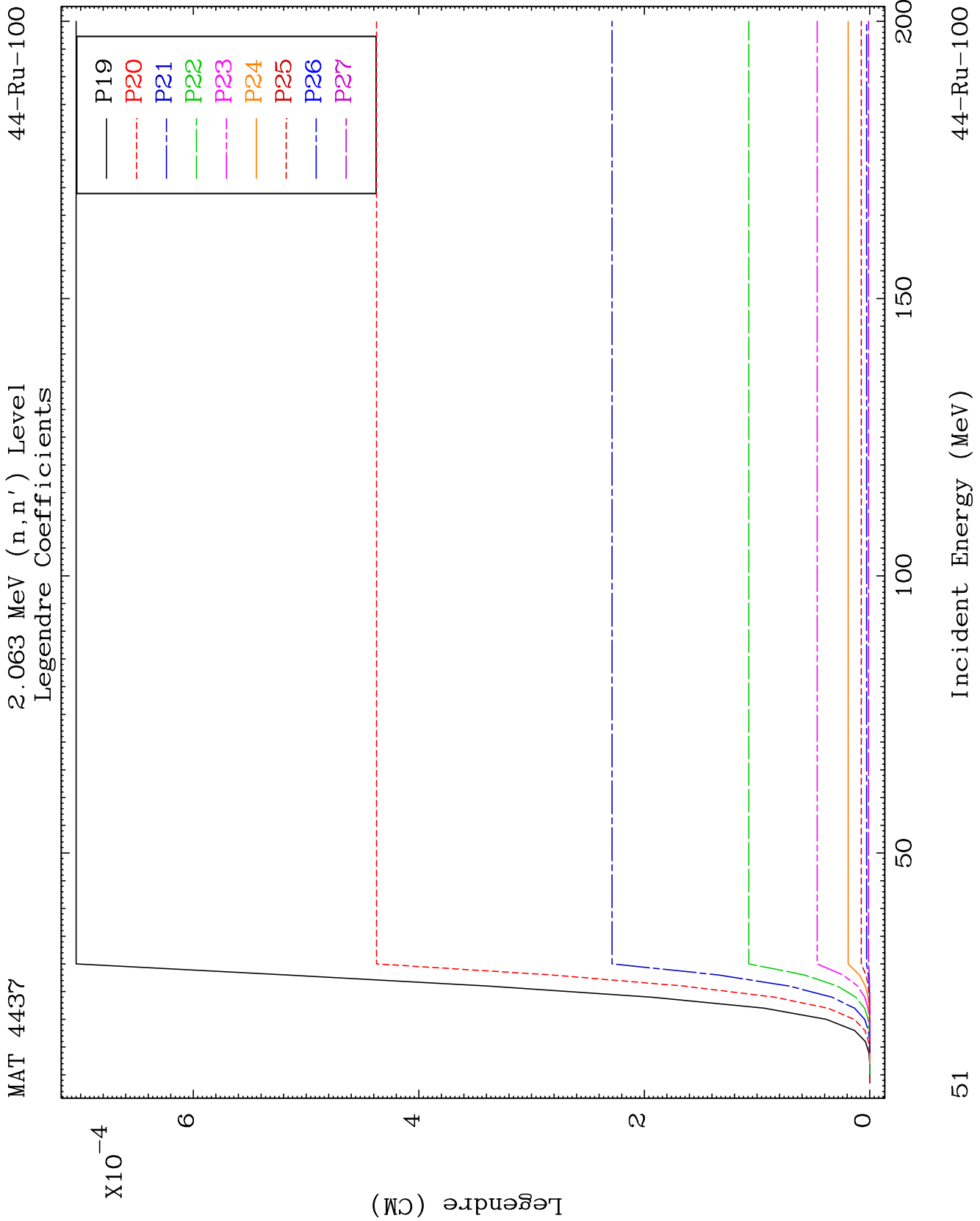
44-Ru-100



49

Incident Energy (MeV)

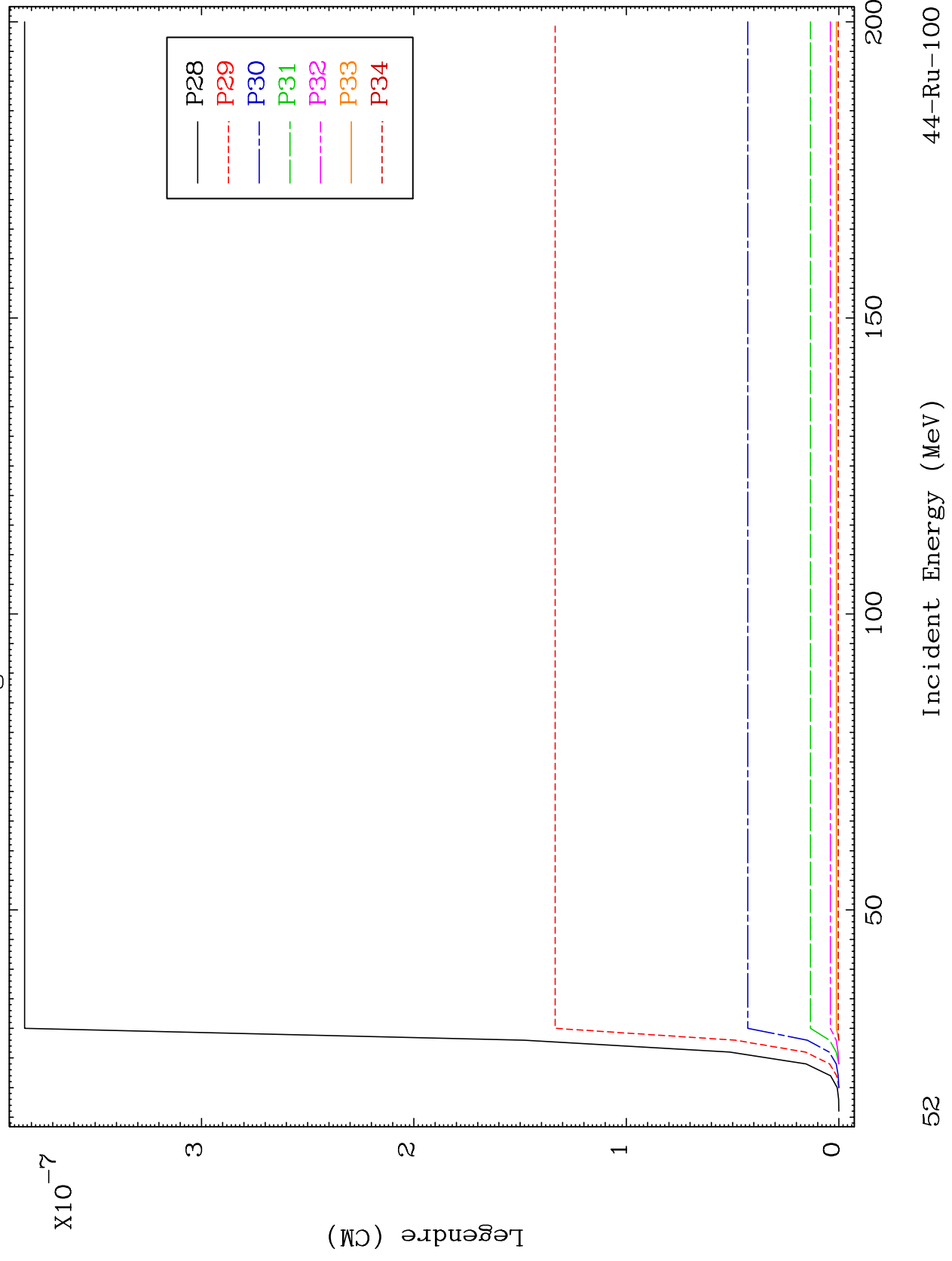
44-Ru-100



MAT 4437

2.063 MeV (n, n') Level
Legendre Coefficients

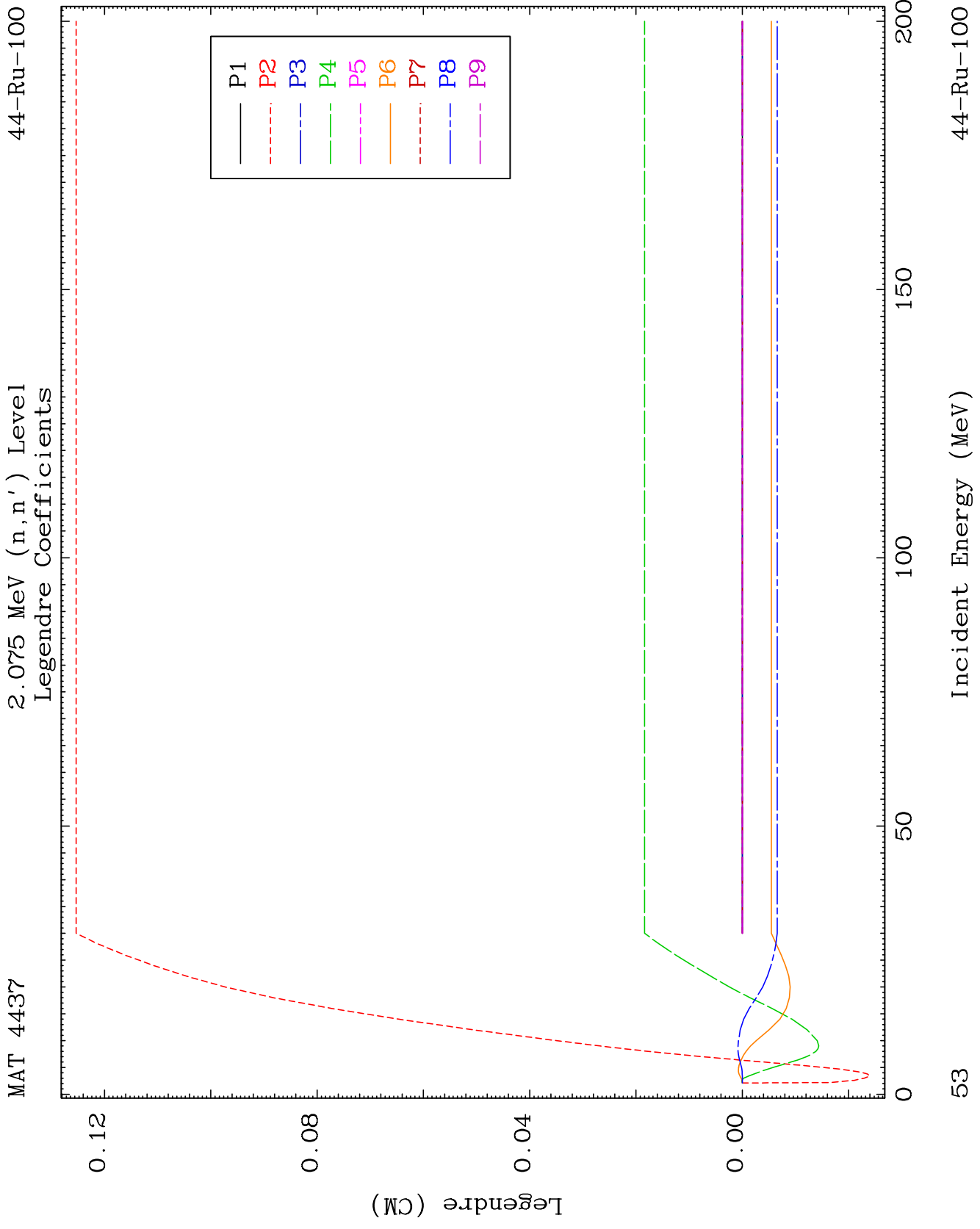
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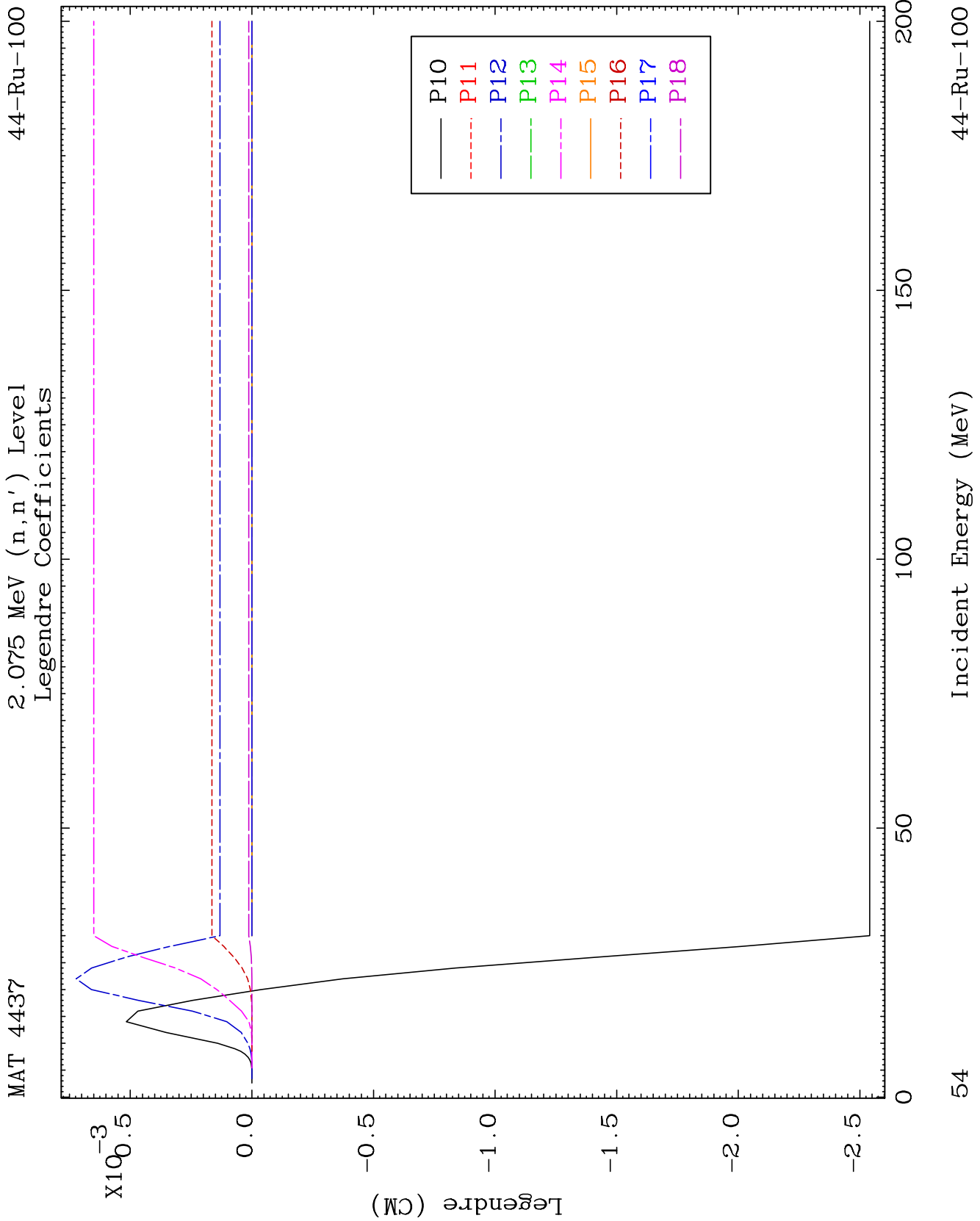


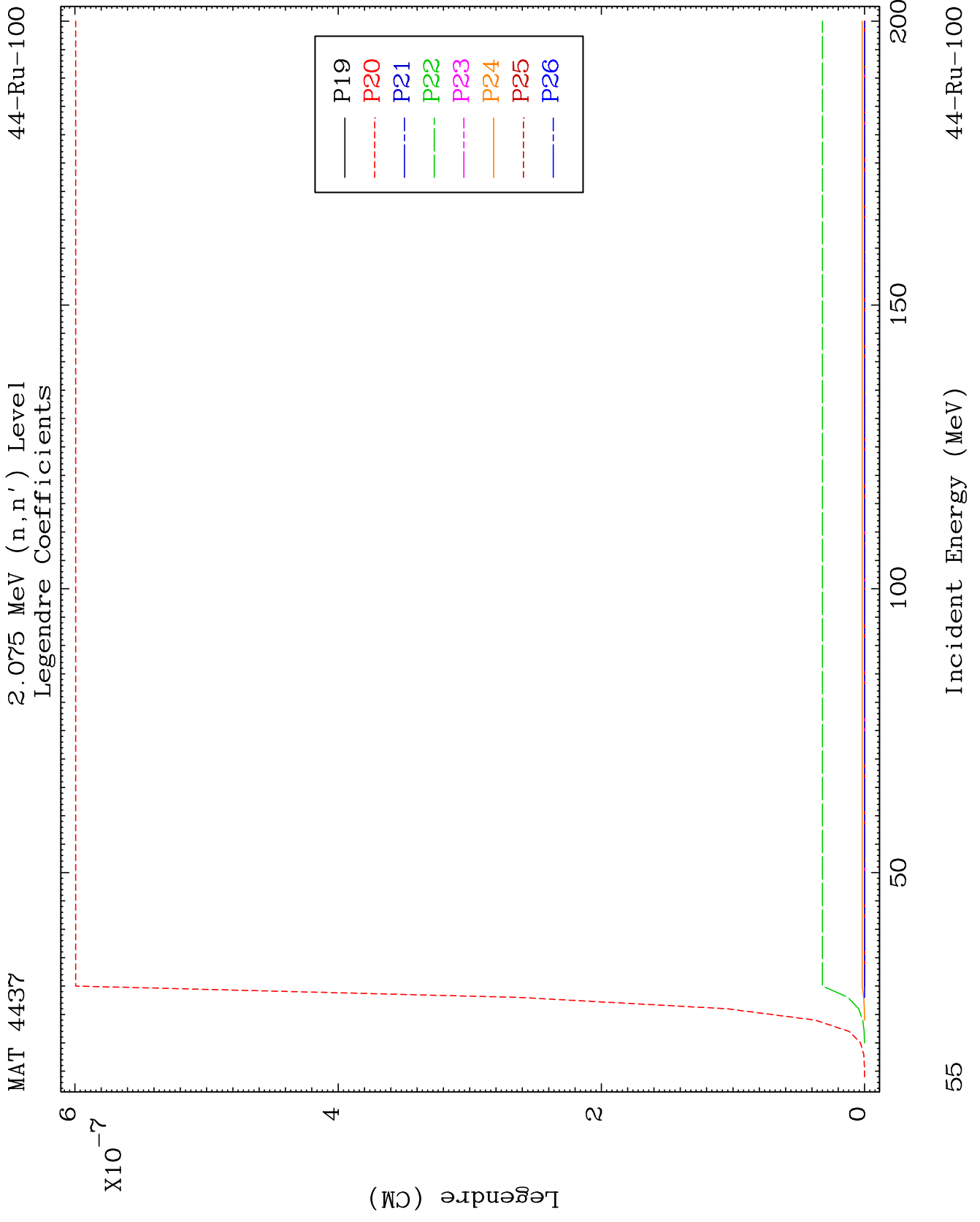
52

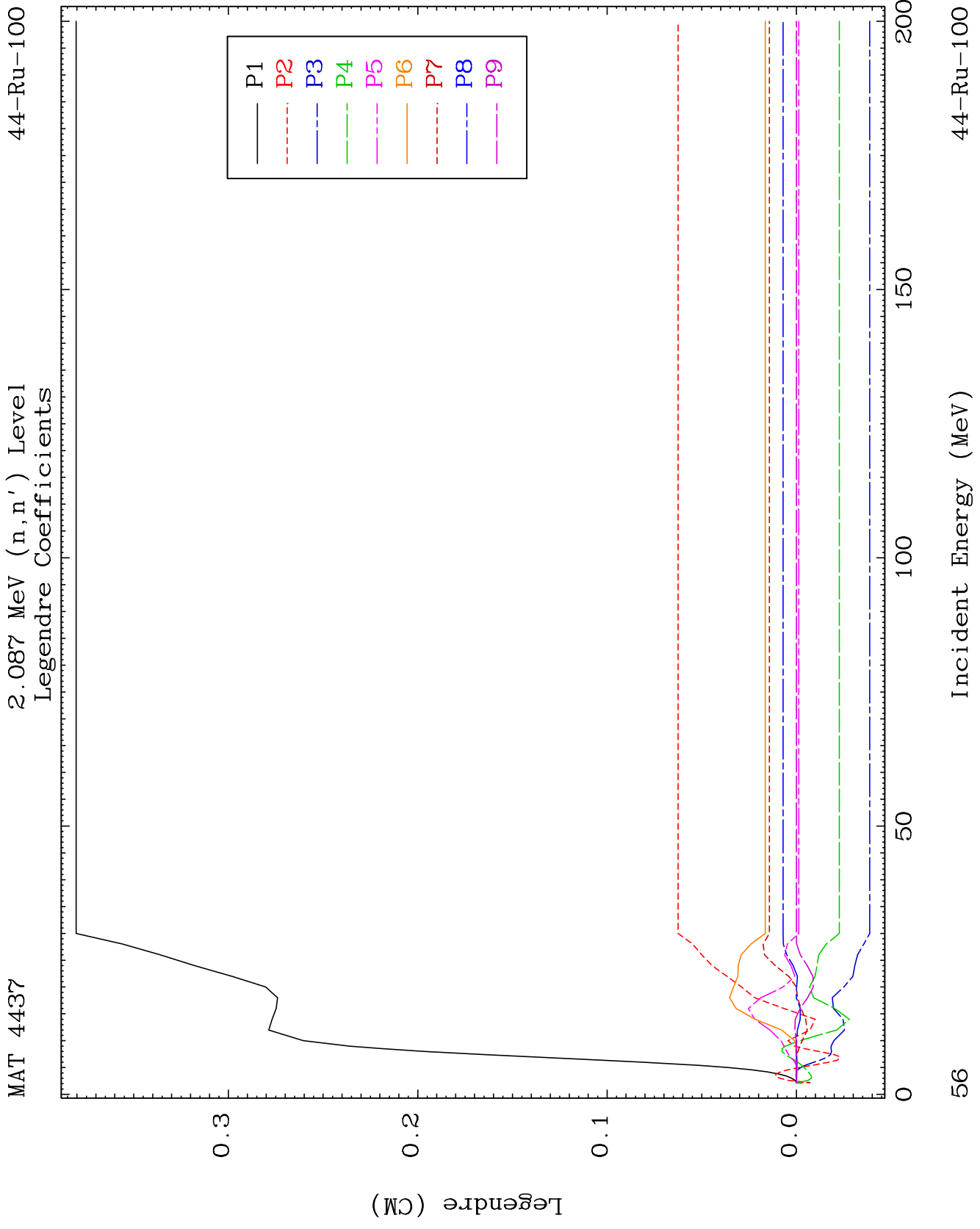
Incident Energy (MeV)

44-Ru-100





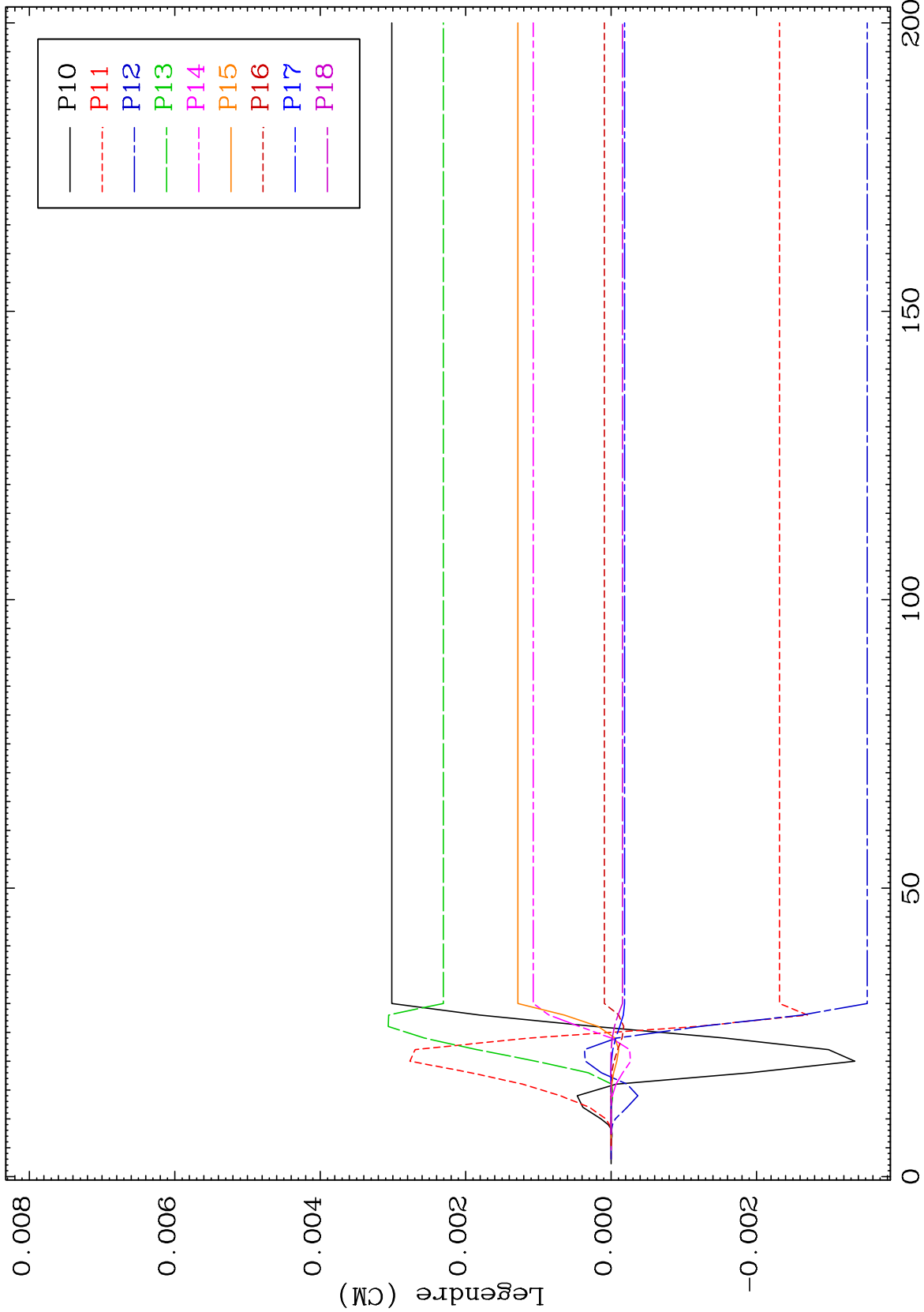




MAT 4437

2.087 MeV (n,n') Level
Legendre Coefficients

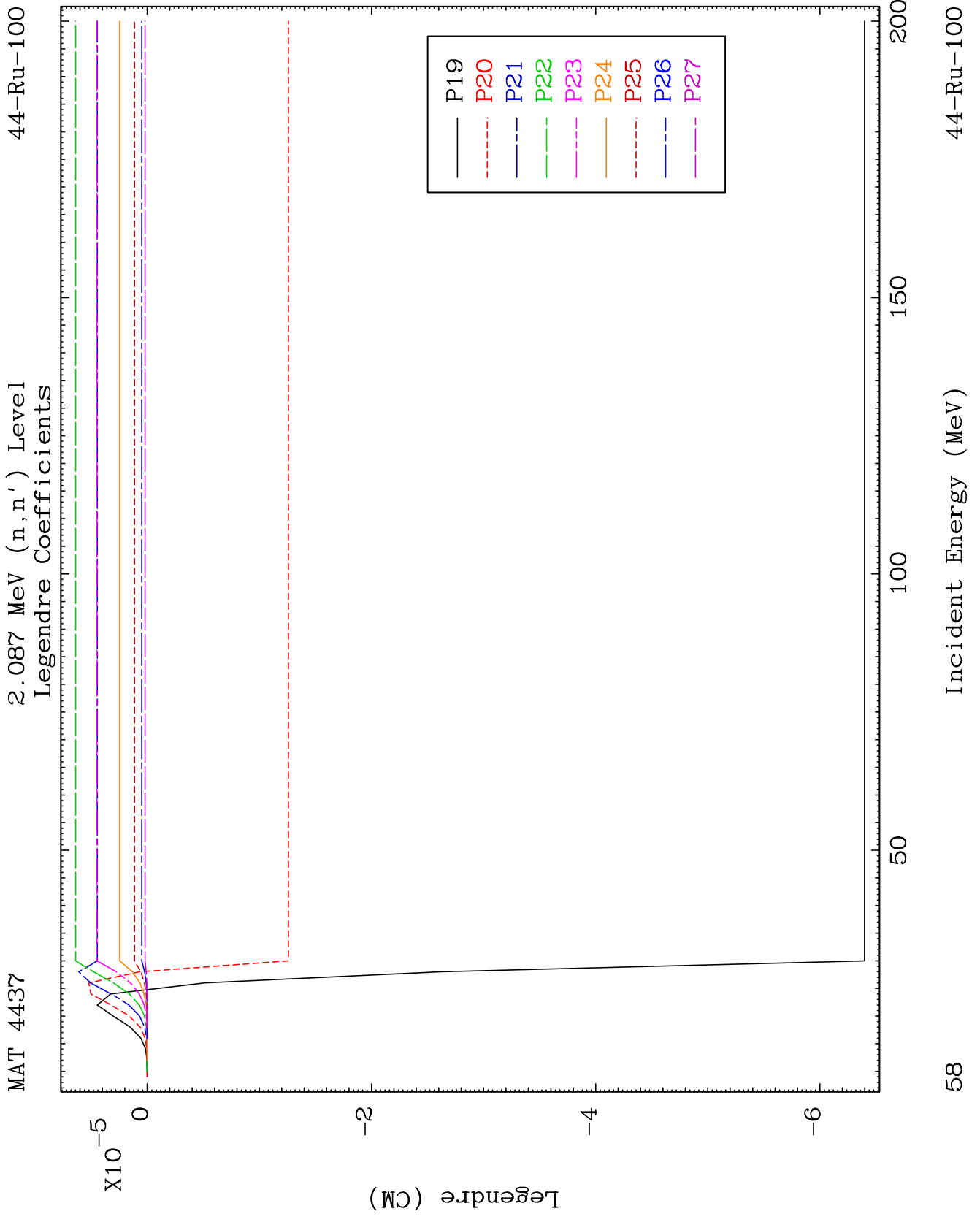
44-Ru-100

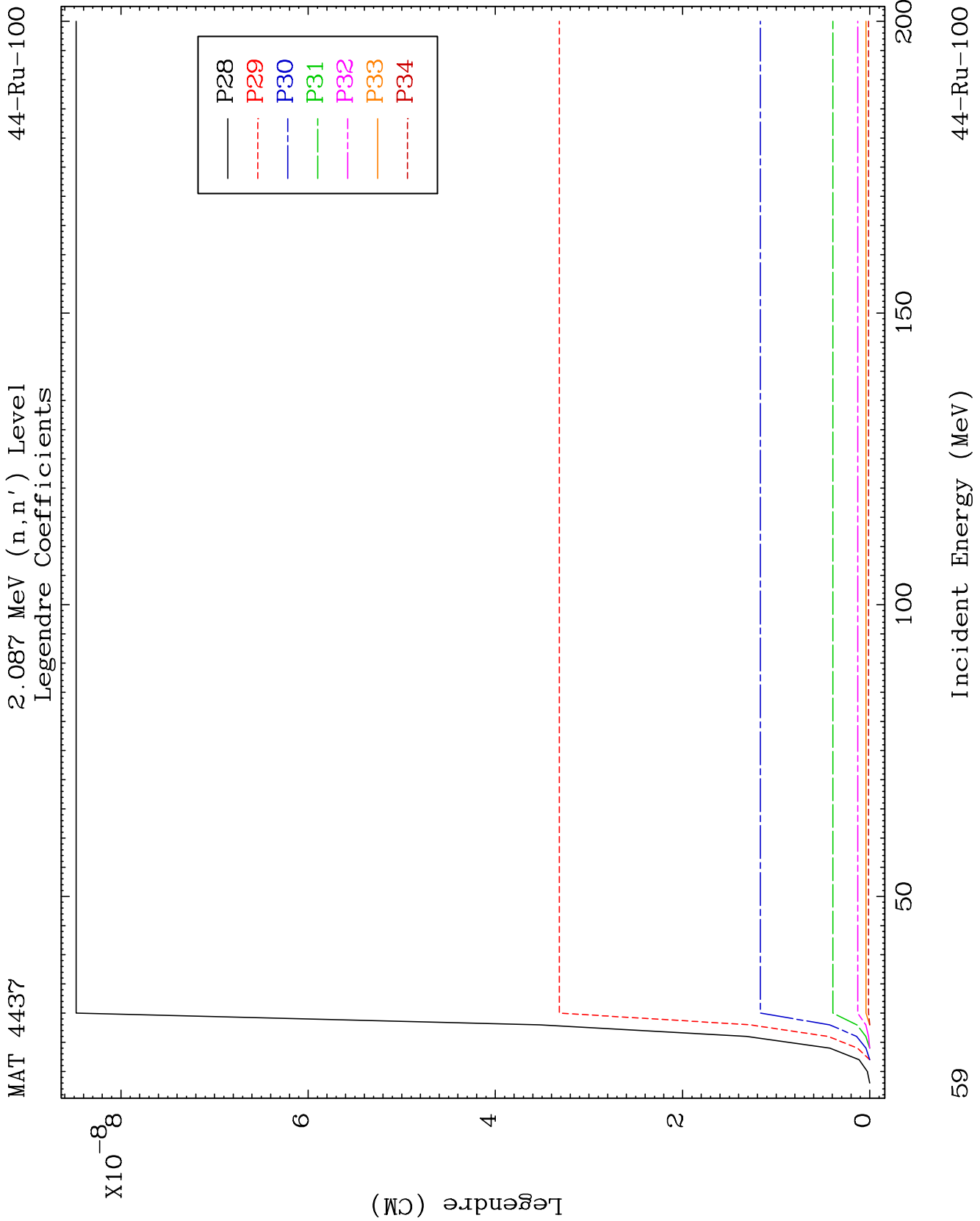


57

Incident Energy (MeV)

44-Ru-100

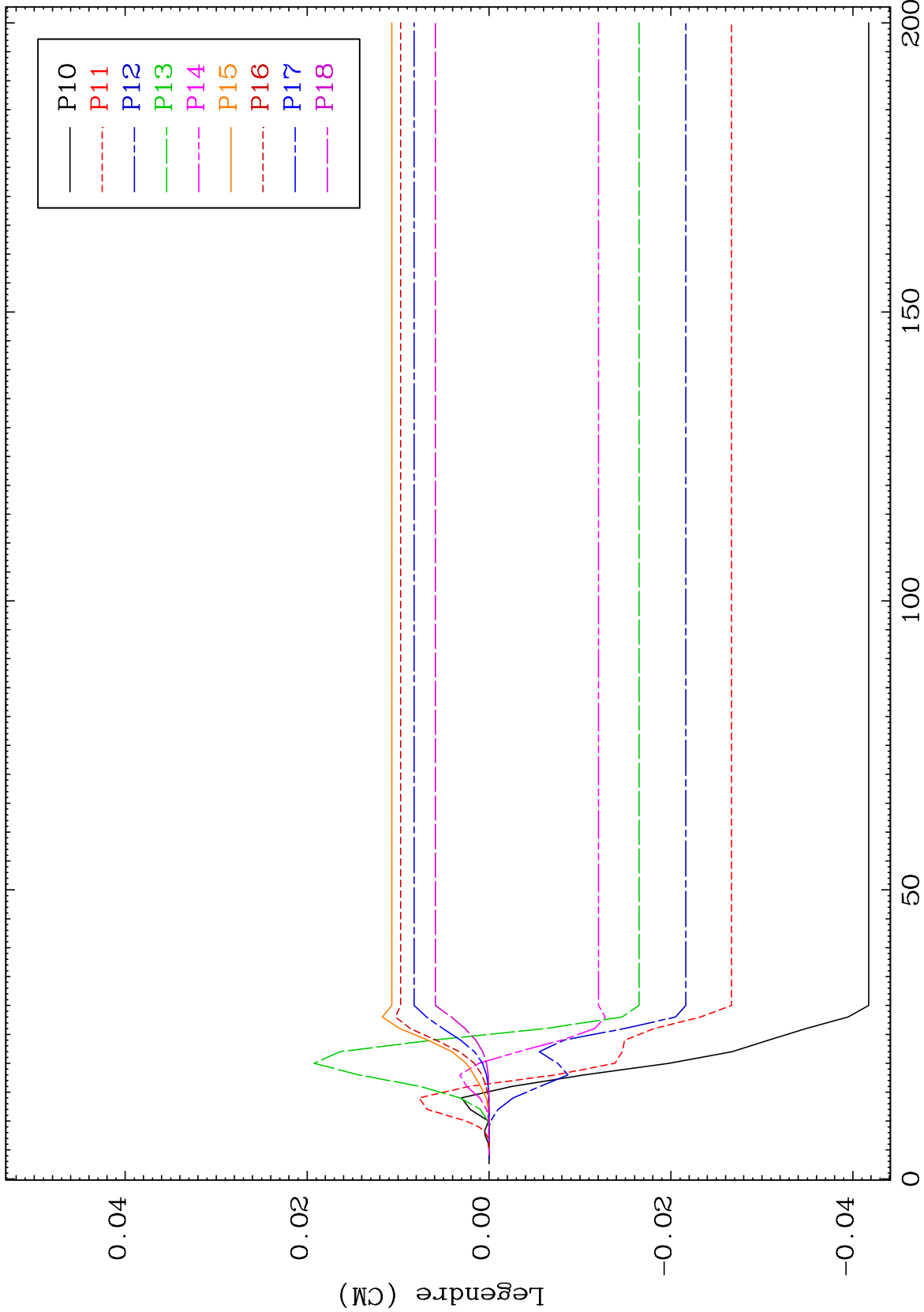




MAT 4437

2.099 MeV (n, n') Level
Legendre Coefficients

44-Ru-100



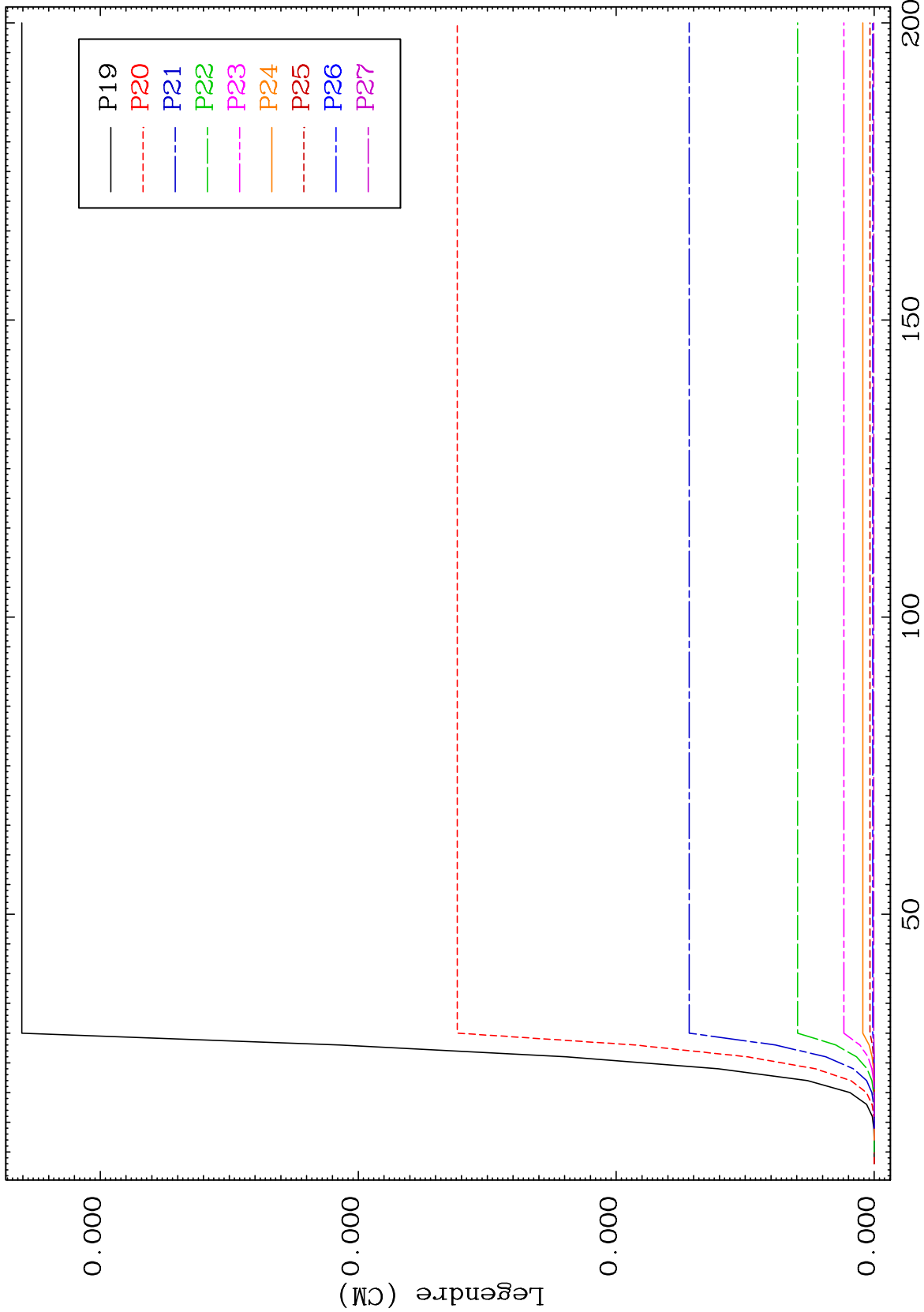
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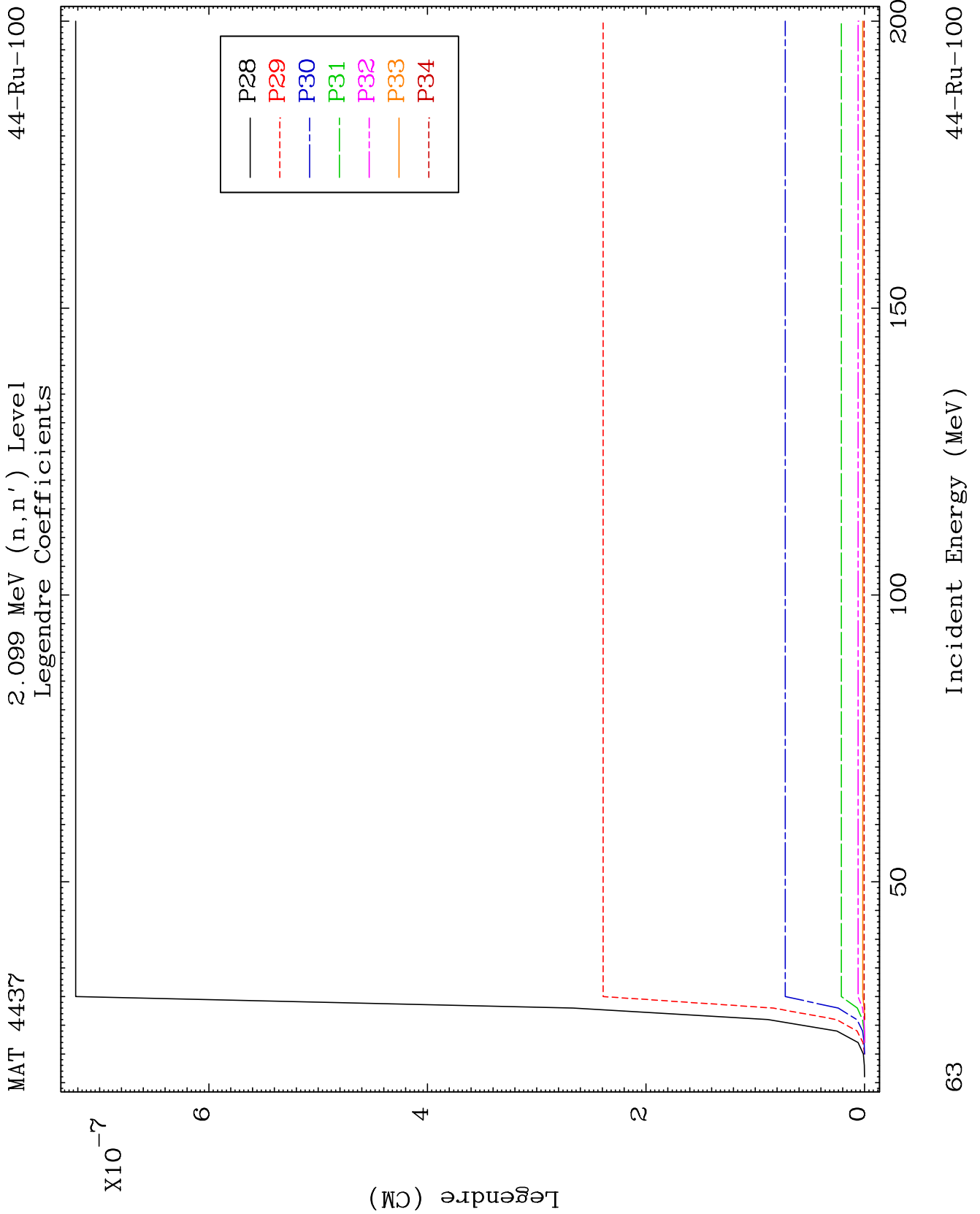
44-Ru-100

MAT 4437

2.099 MeV (n, n') Level
Legendre Coefficients

44-Ru-100

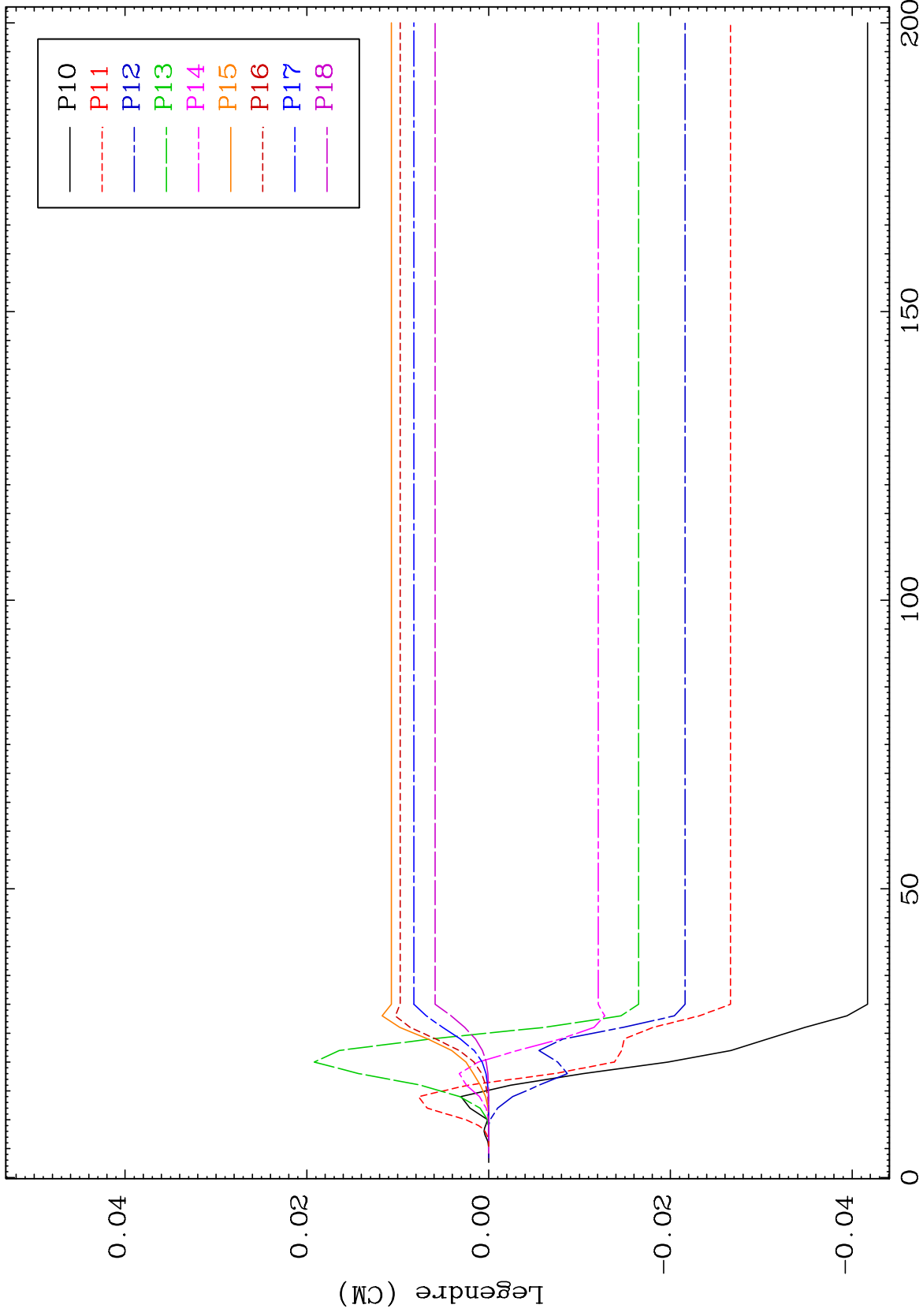




MAT 4437

2.131 MeV (n,n') Level
Legendre Coefficients

44-Ru-100



65

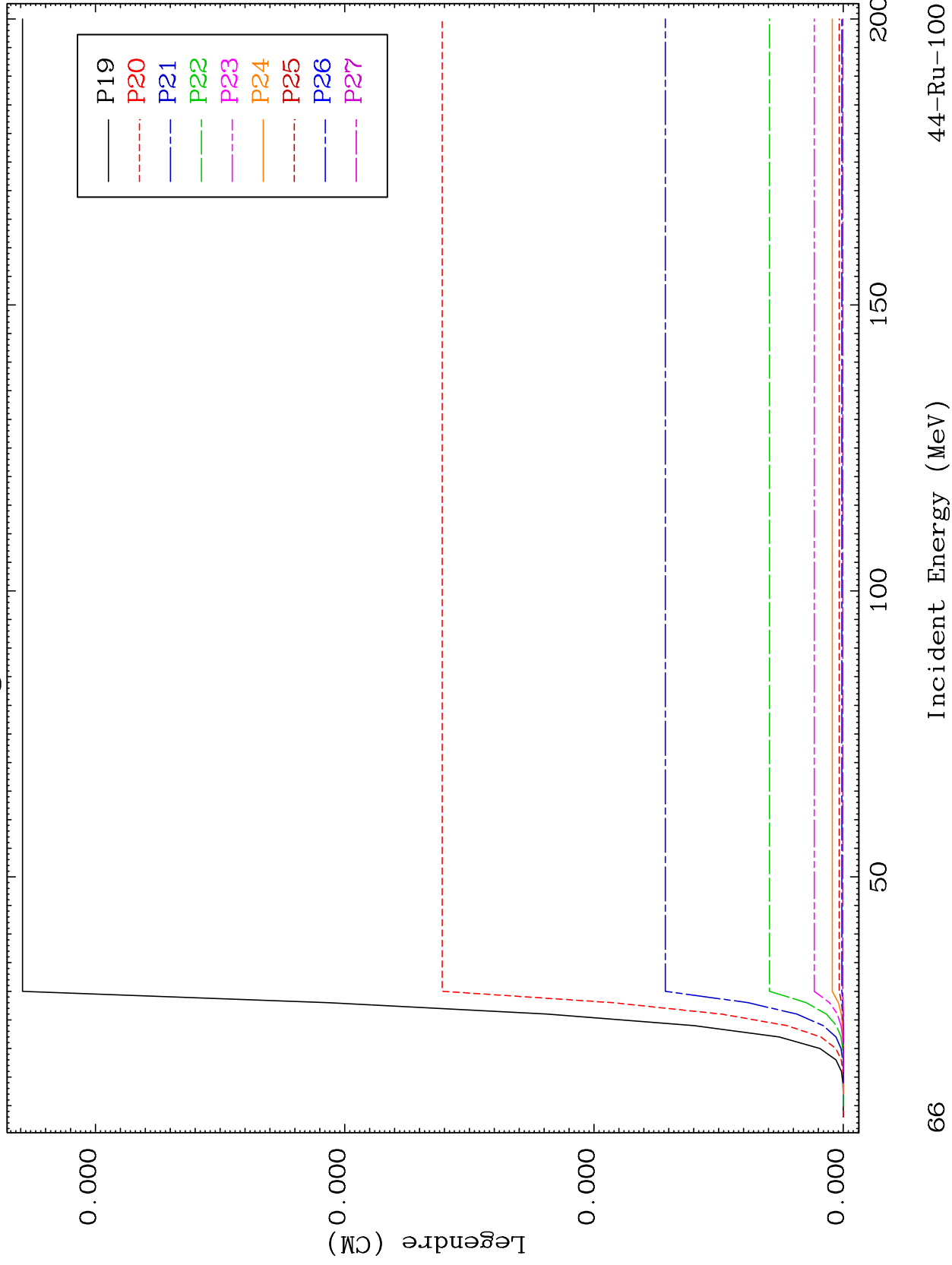
Incident Energy (MeV)

44-Ru-100

MAT 4437

2.131 MeV (n, n') Level
Legendre Coefficients

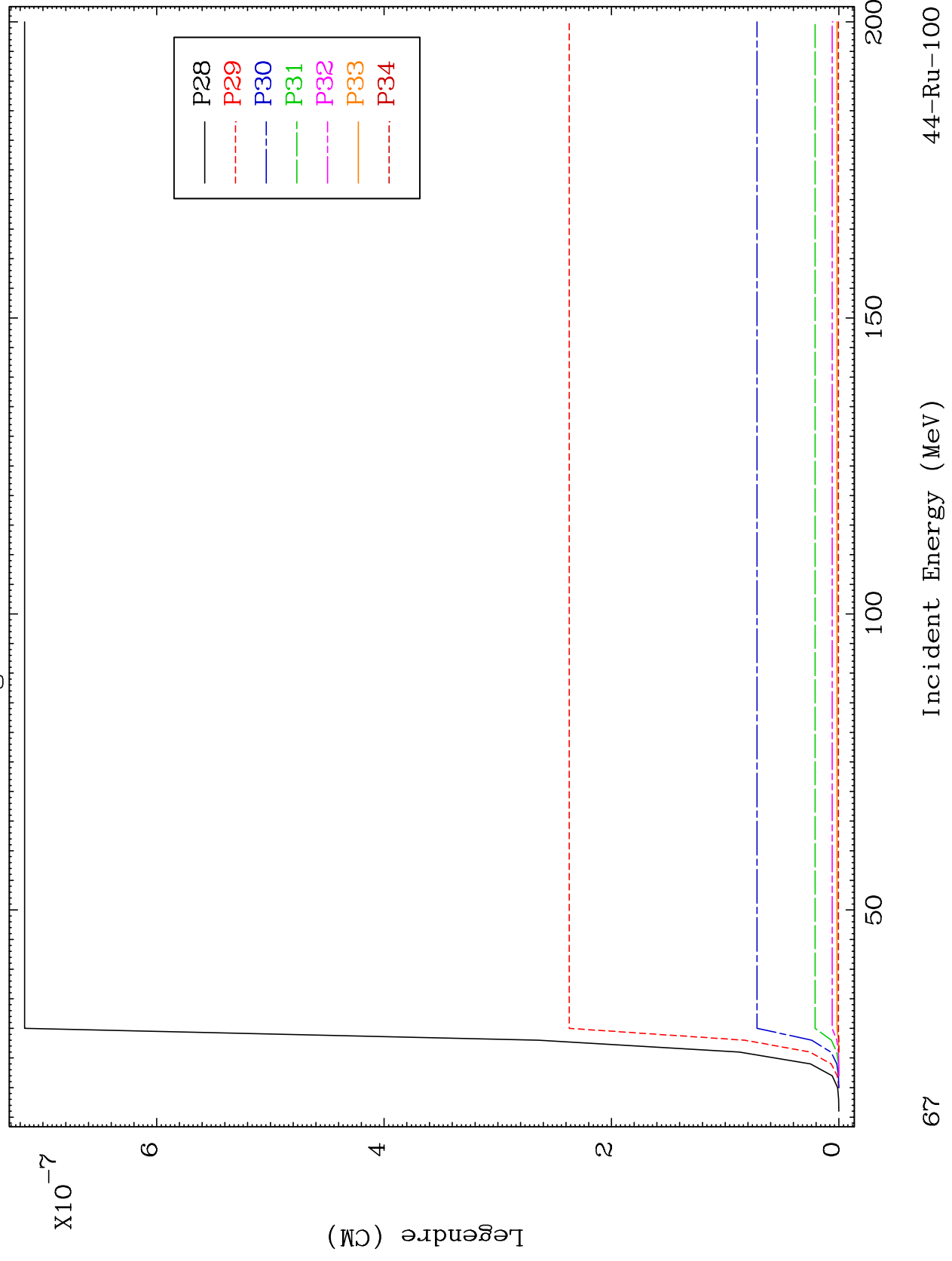
44-Ru-100



MAT 4437

2.131 MeV (n, n') Level
Legendre Coefficients

44-Ru-100



67

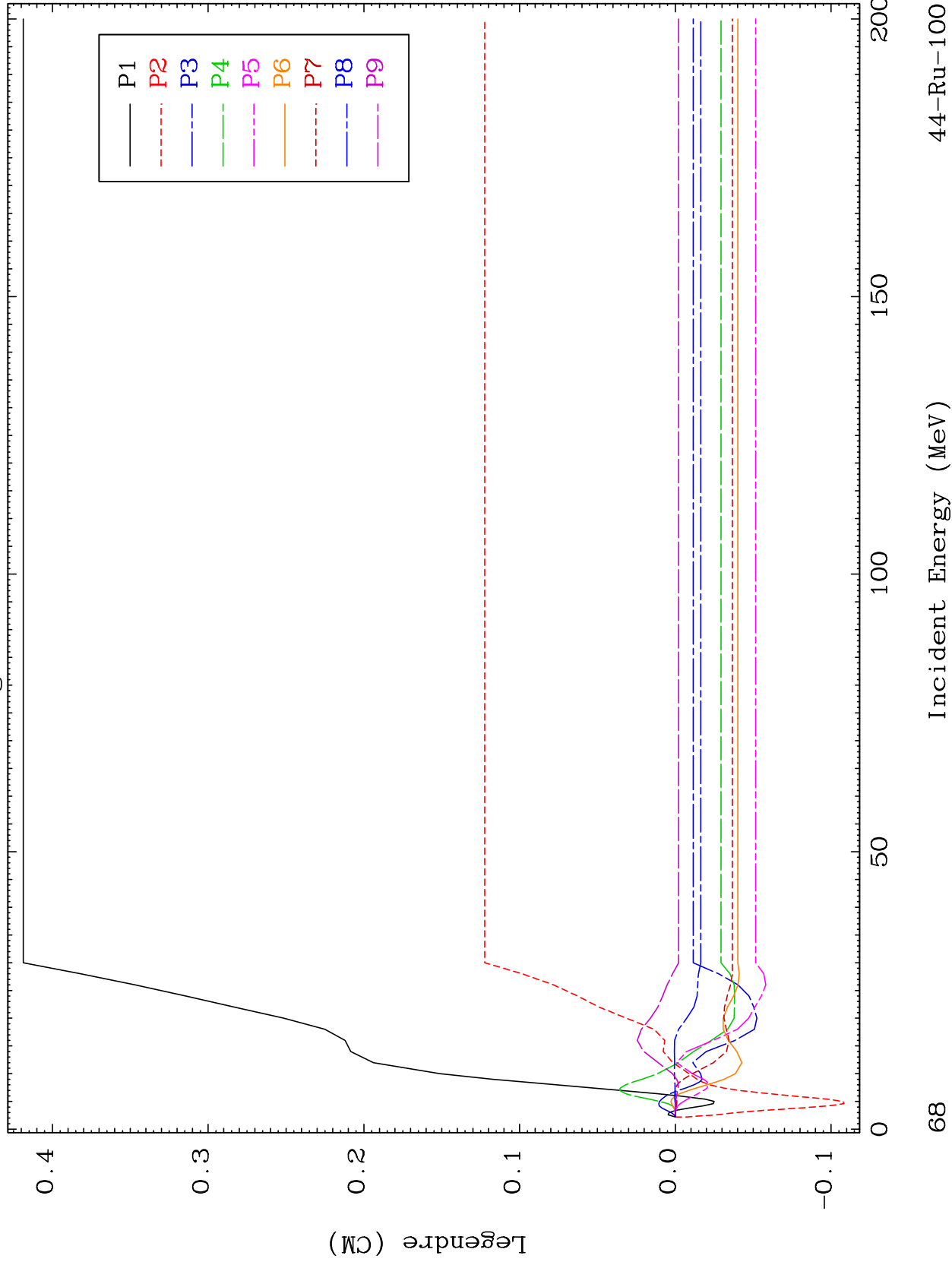
Incident Energy (MeV)

44-Ru-100

MAT 4437

2.167 MeV (n, n') Level
Legendre Coefficients

44-Ru-100



44-Ru-100

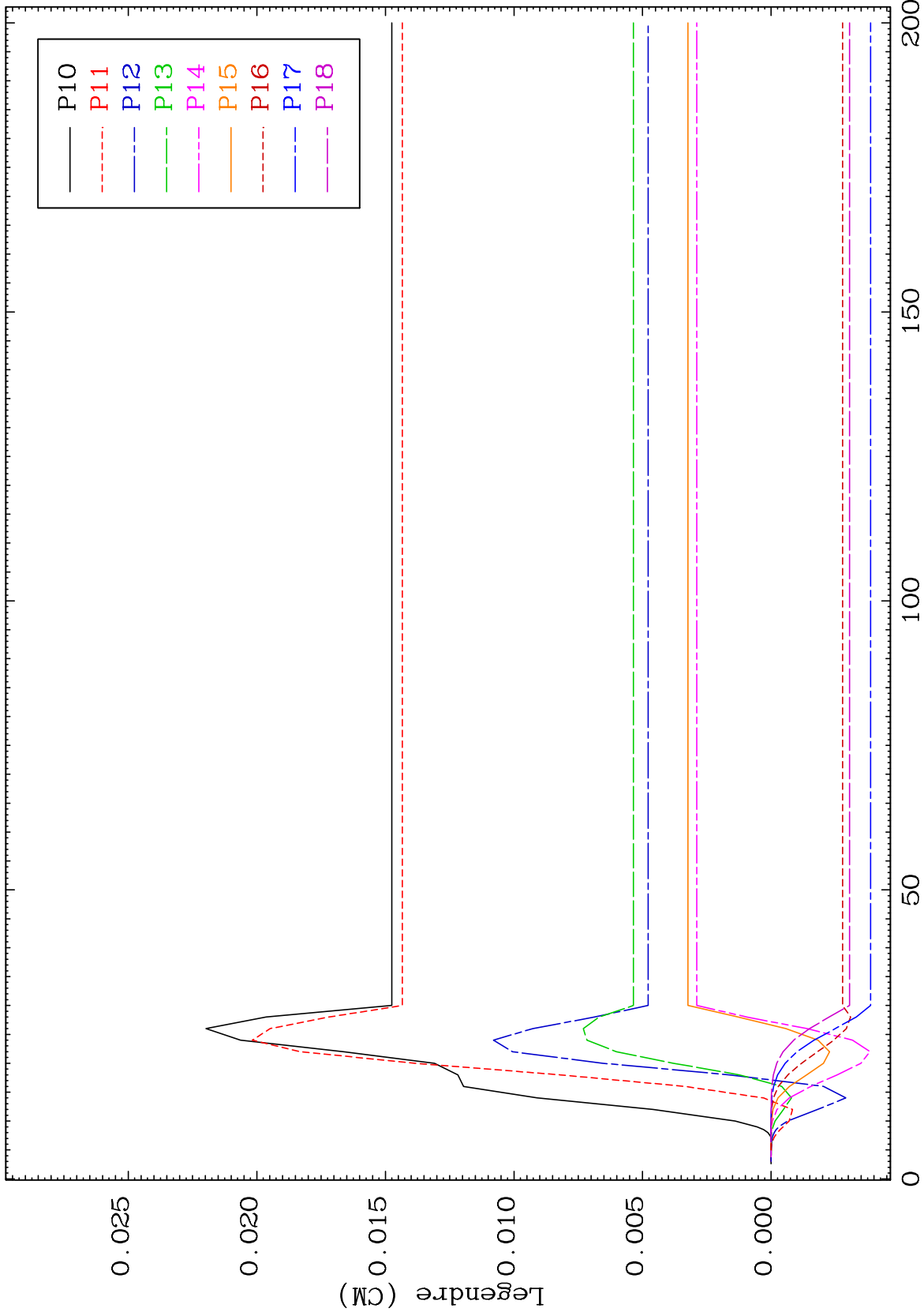
Incident Energy (MeV)

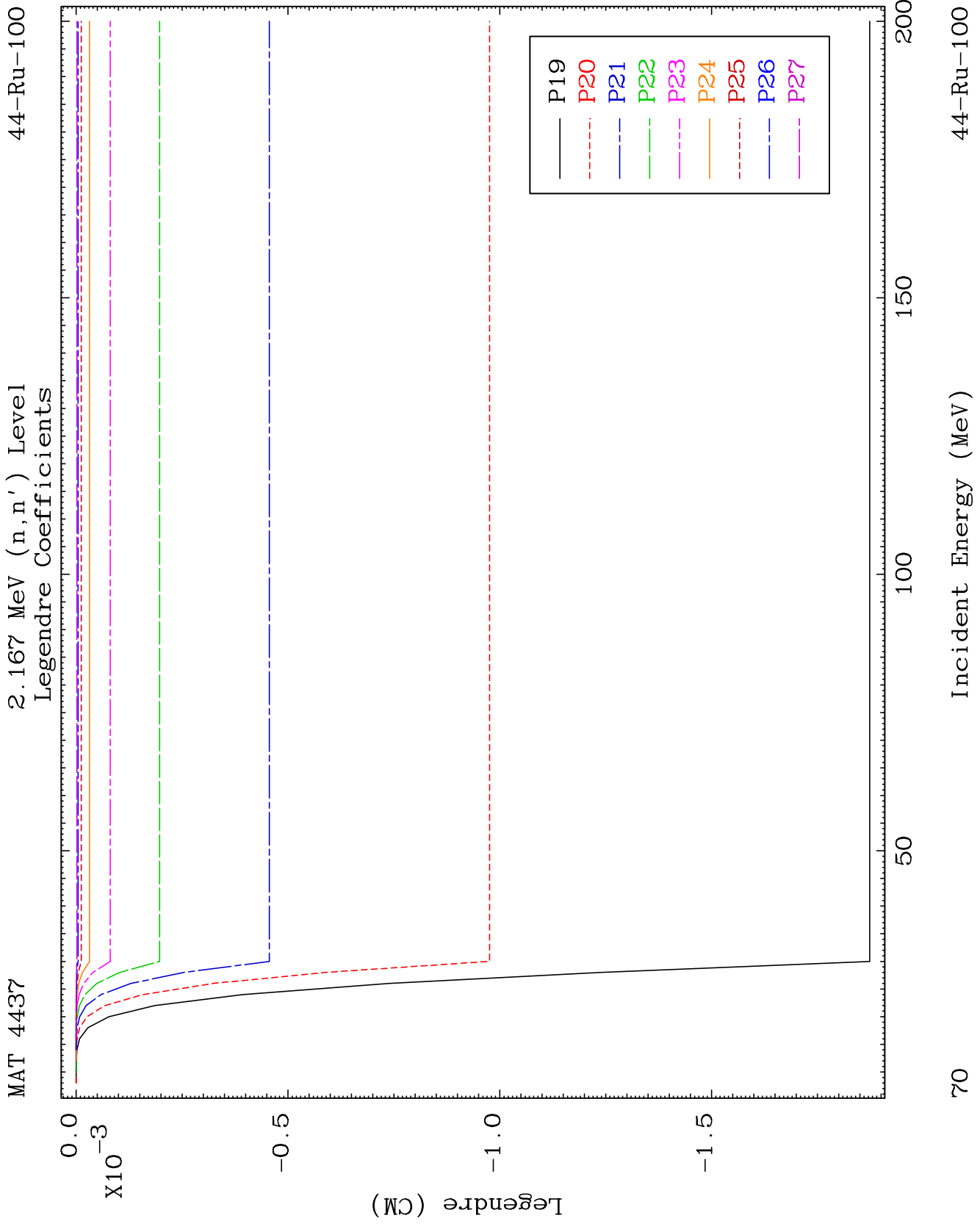
68

MAT 4437

2.167 MeV (n, n') Level
Legendre Coefficients

44-Ru-100

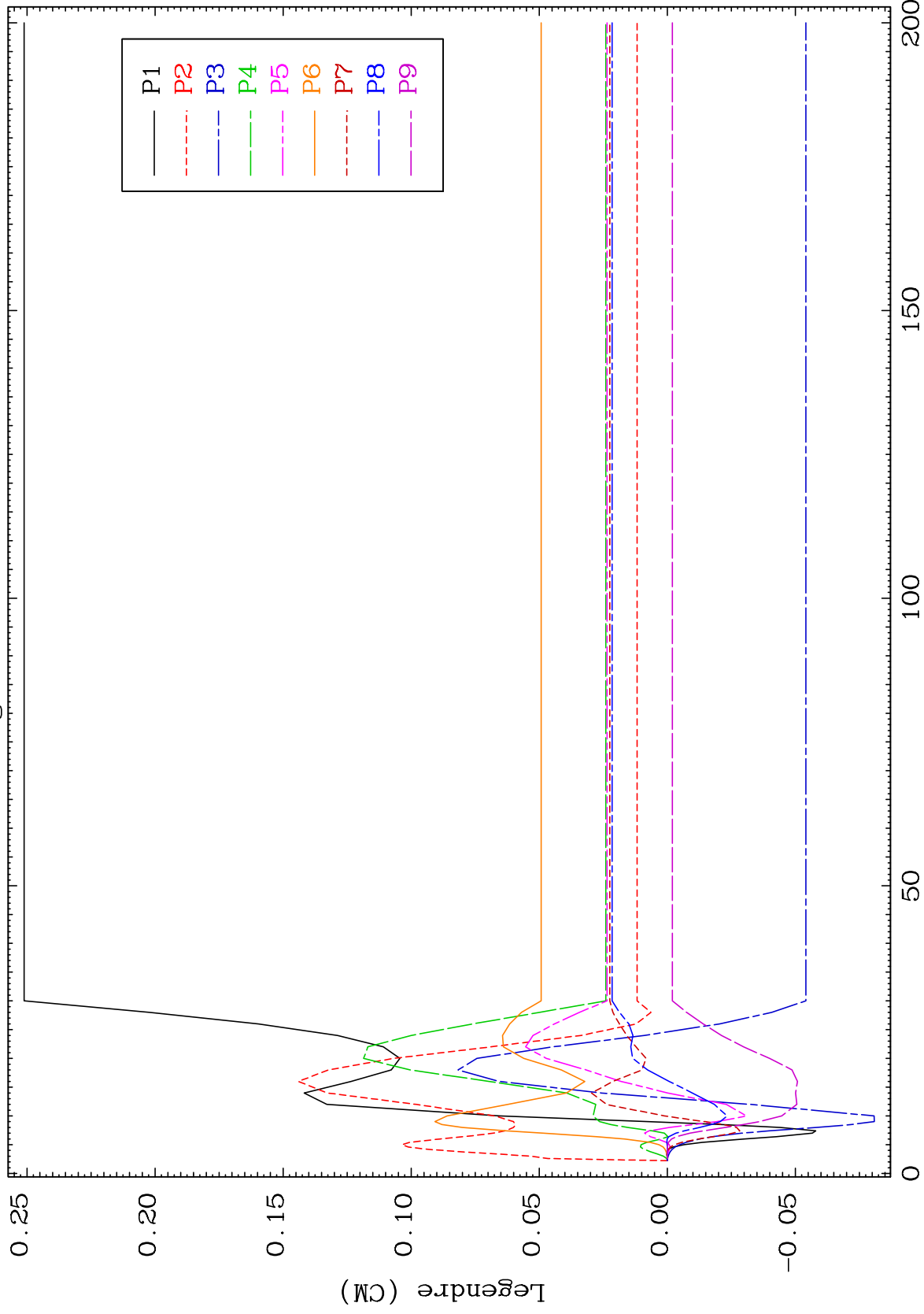




MAT 4437

2.194 MeV (n, n') Level
Legendre Coefficients

44-Ru-100



72

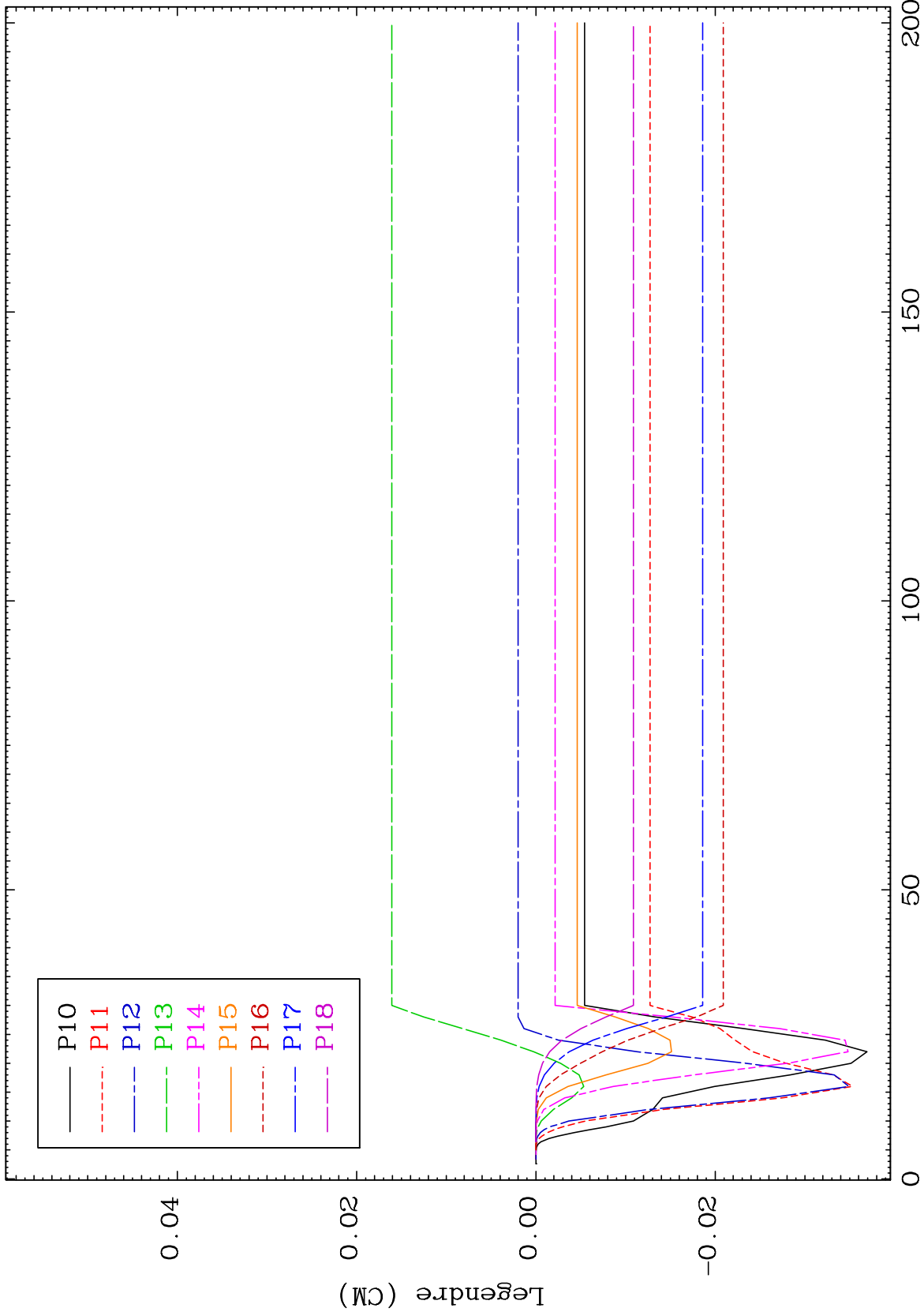
Incident Energy (MeV)

44-Ru-100

MAT 4437

2.194 MeV (n, n') Level
Legendre Coefficients

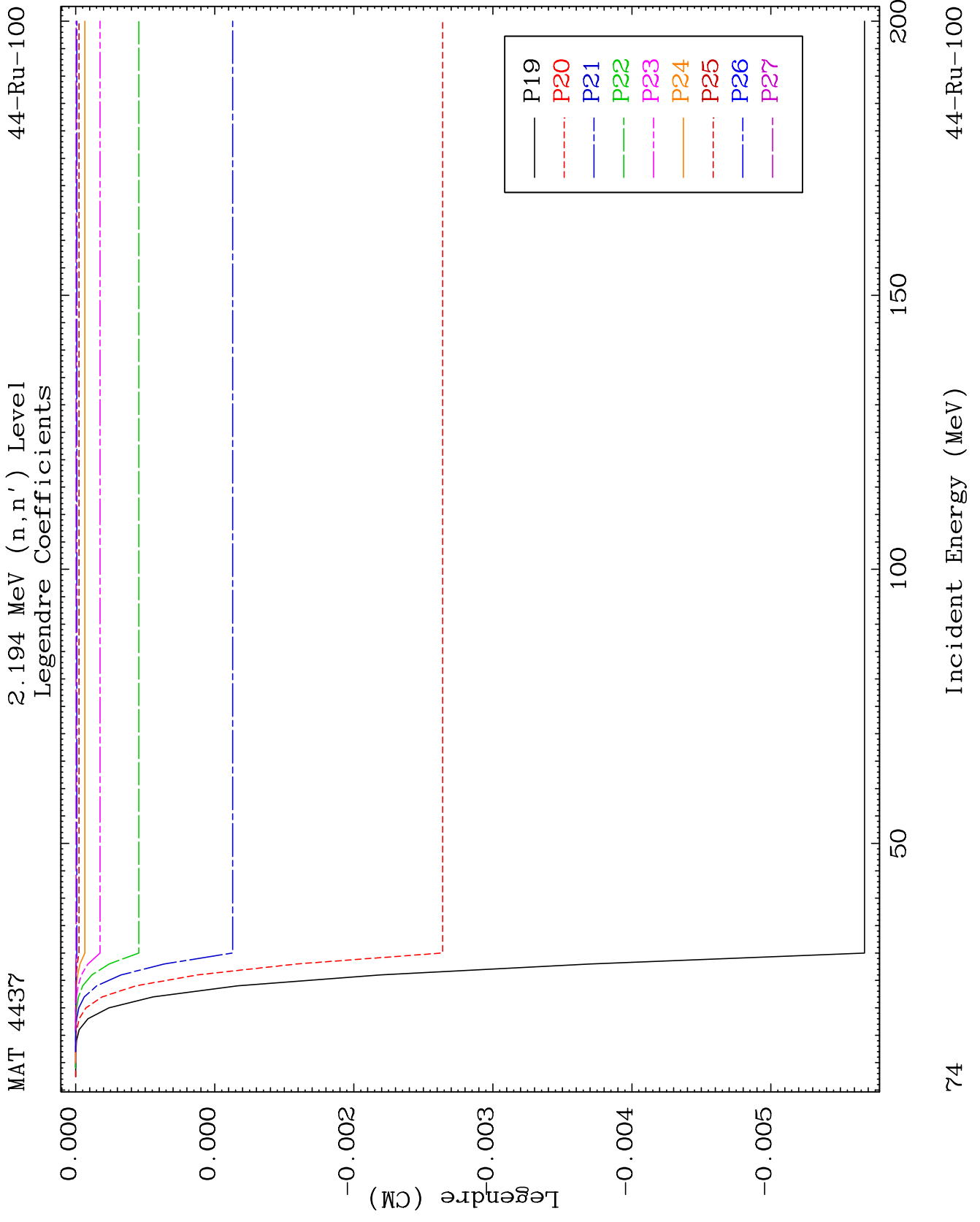
44-Ru-100

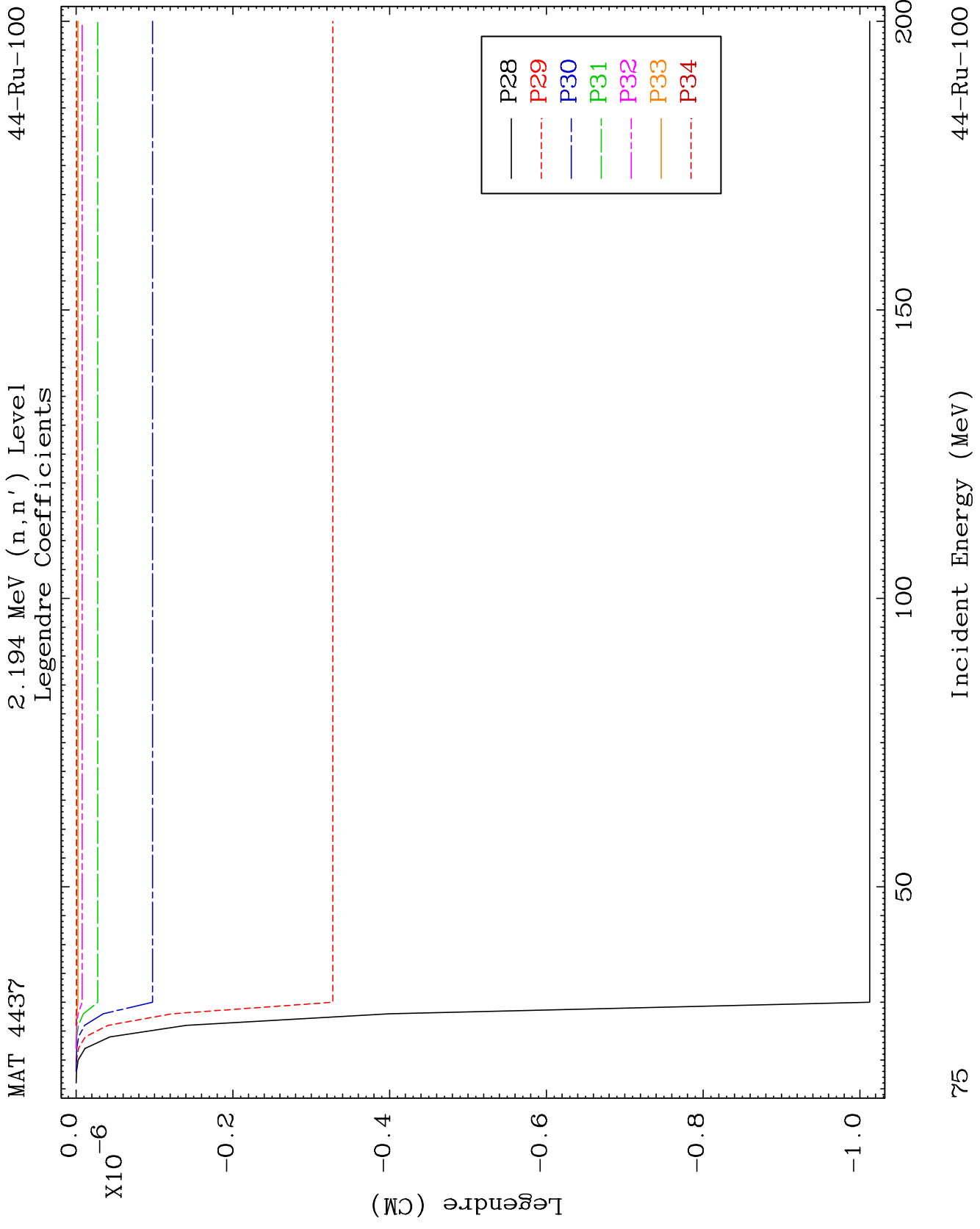


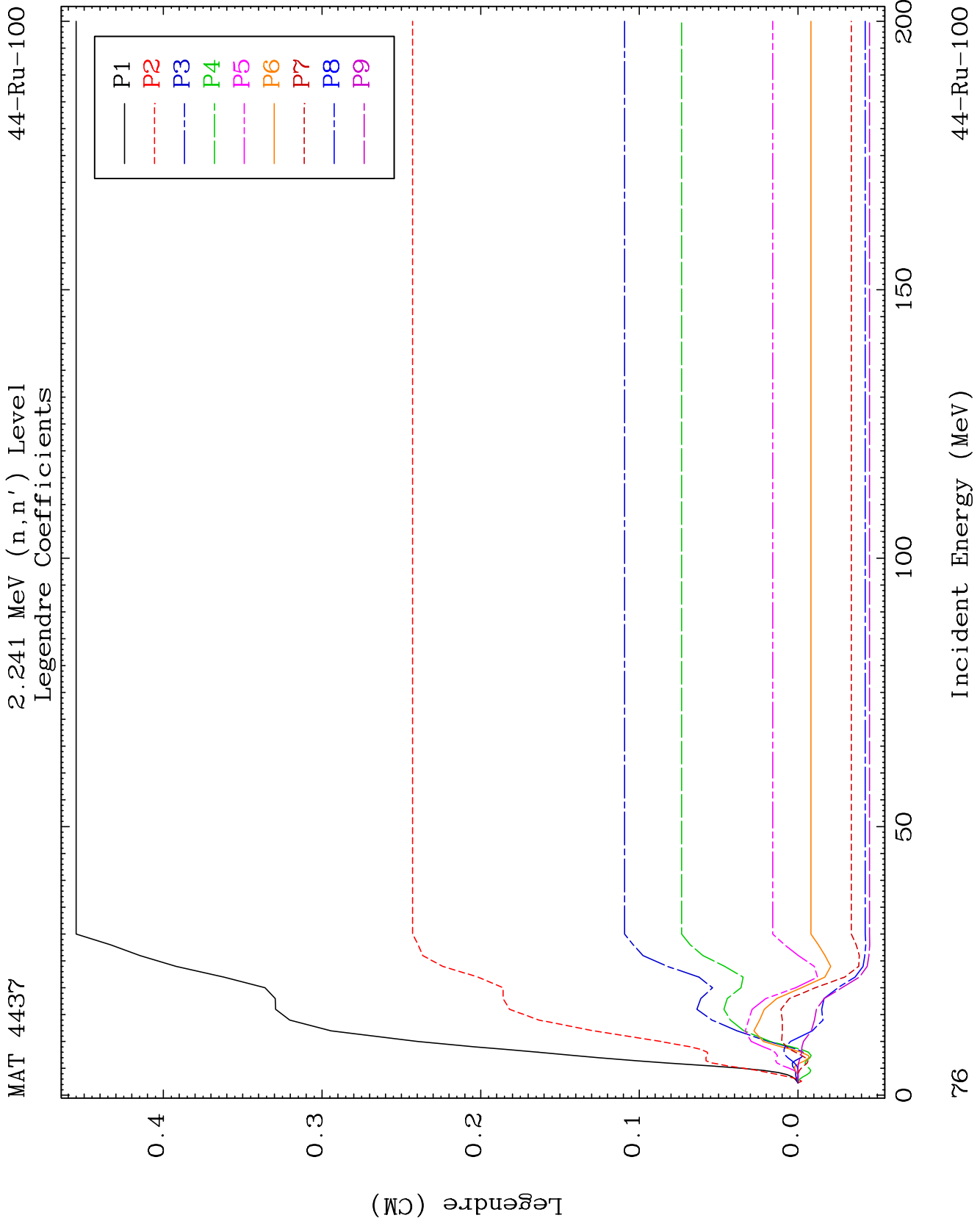
73

Incident Energy (MeV)

44-Ru-100



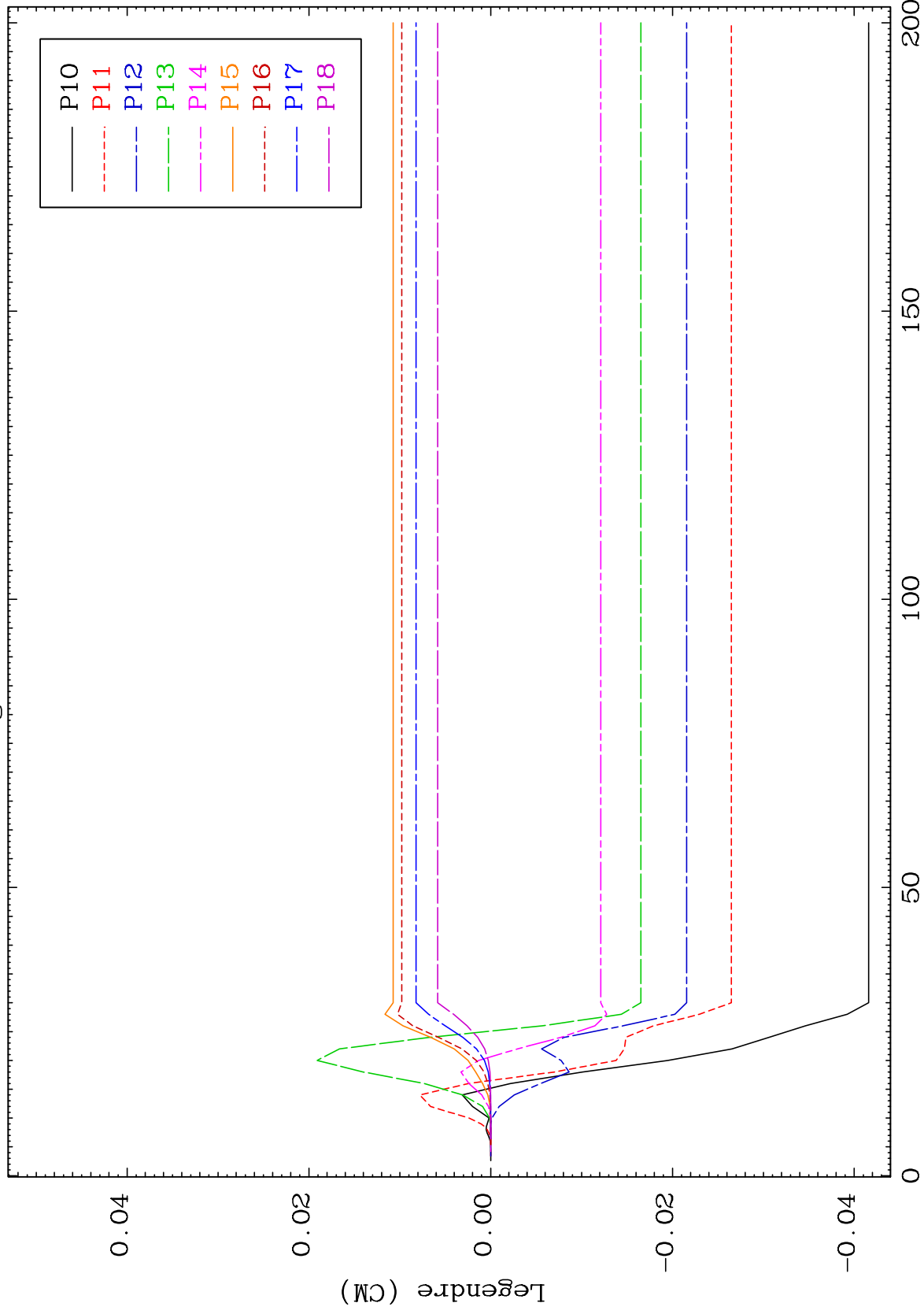




MAT 4437

2.241 MeV (n, n') Level
Legendre Coefficients

44-Ru-100



77

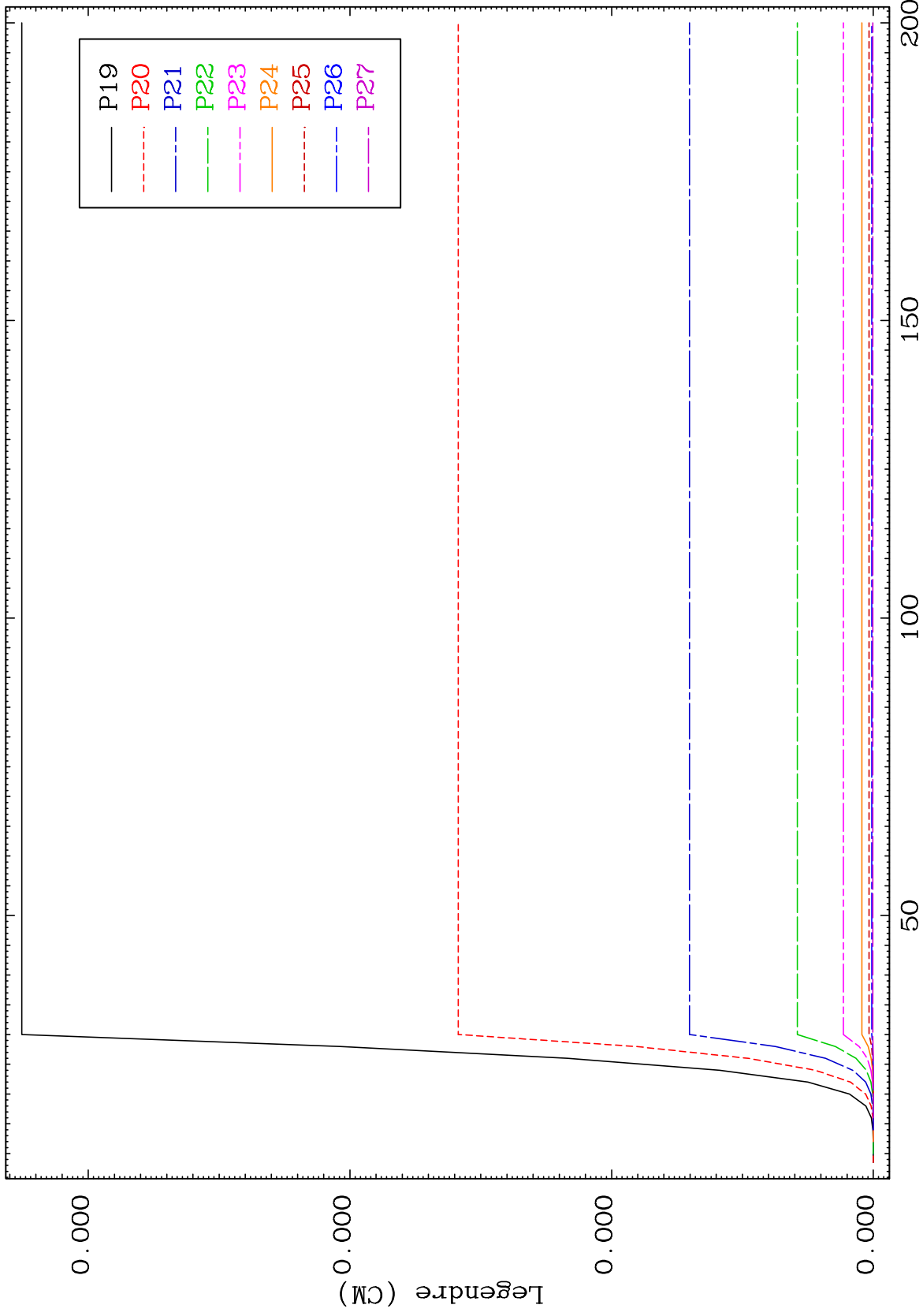
Incident Energy (MeV)

44-Ru-100

MAT 4437

2.241 MeV (n, n') Level
Legendre Coefficients

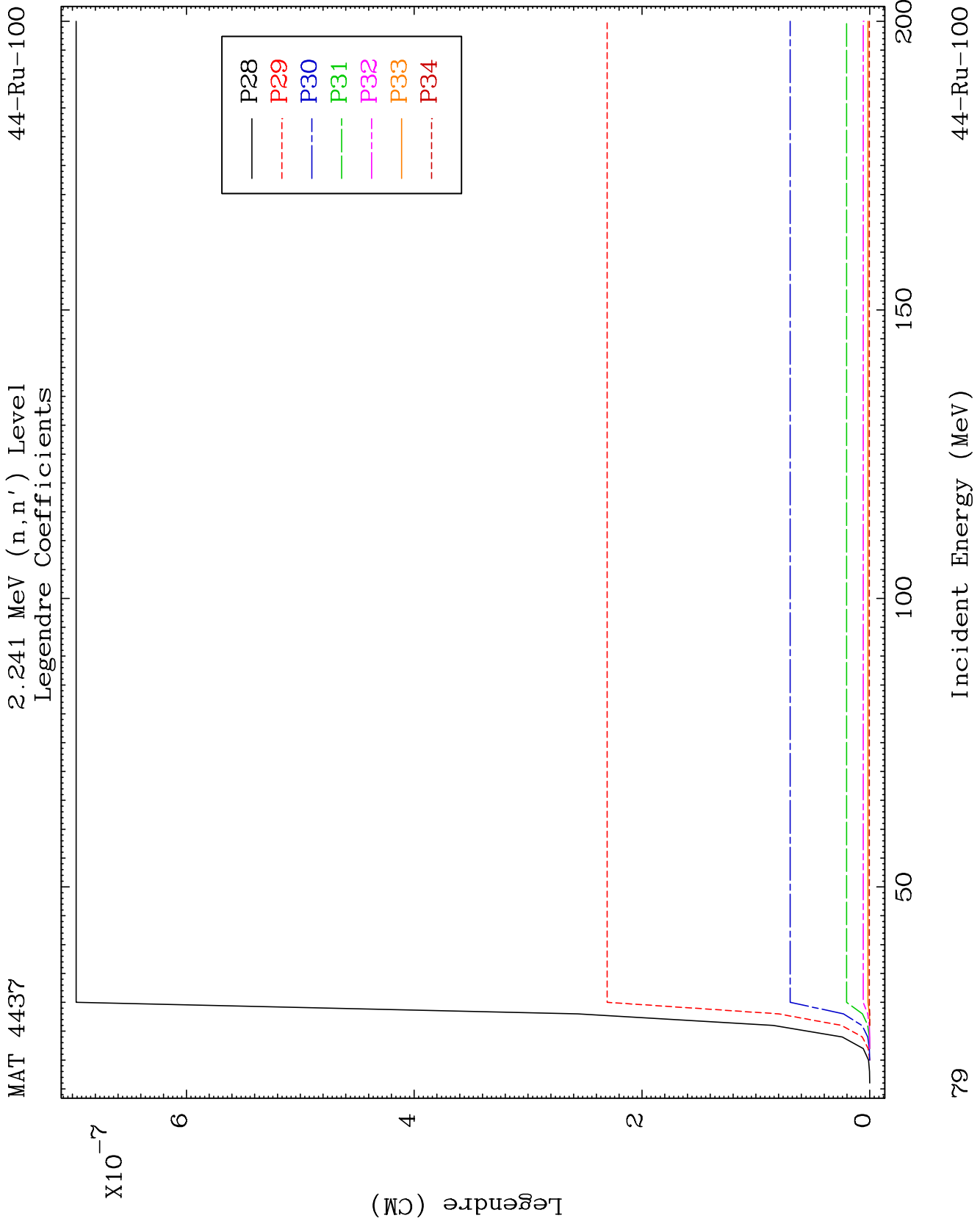
44-Ru-100

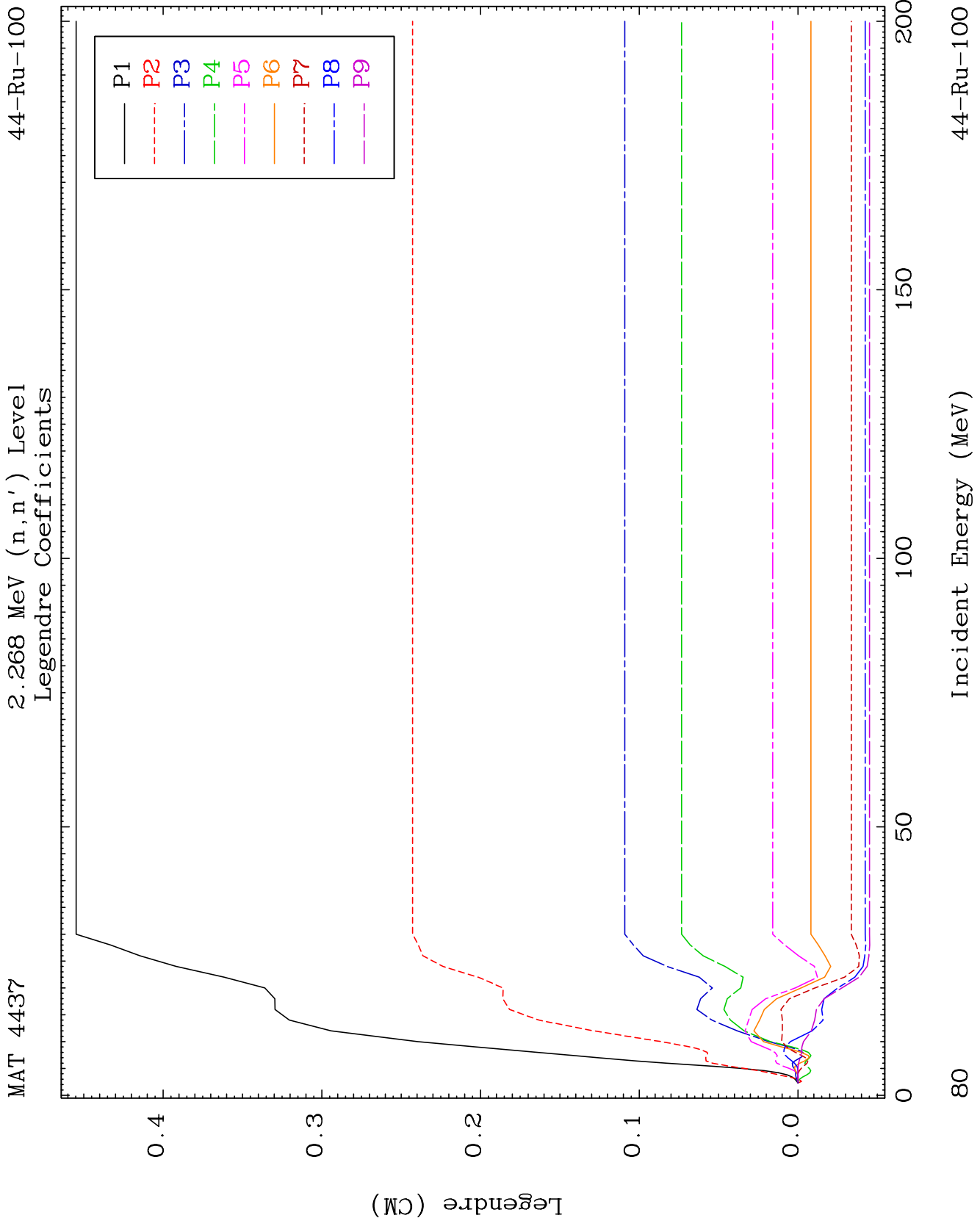


78

Incident Energy (MeV)

44-Ru-100

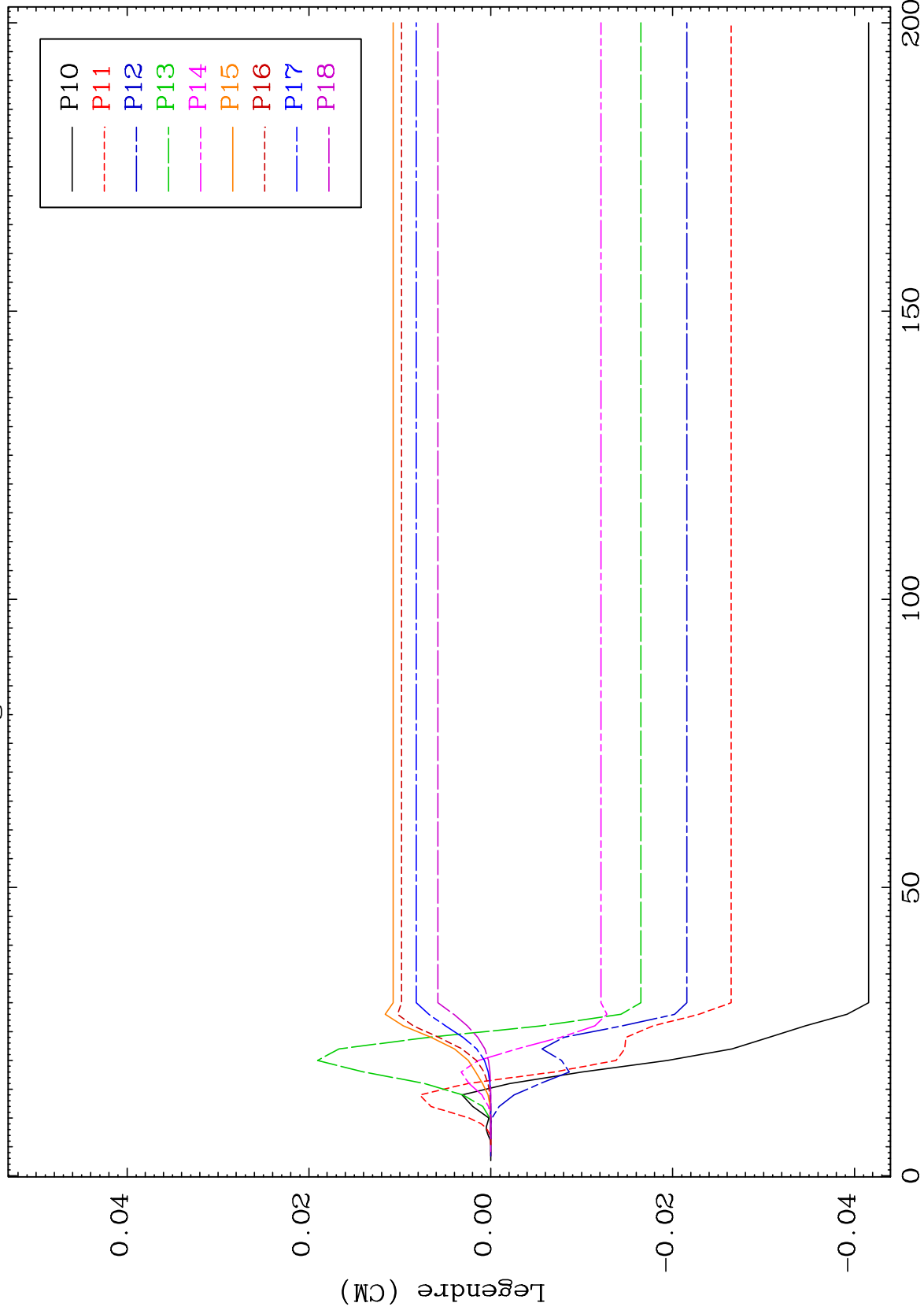




MAT 4437

2.268 MeV (n, n') Level
Legendre Coefficients

44-Ru-100



81

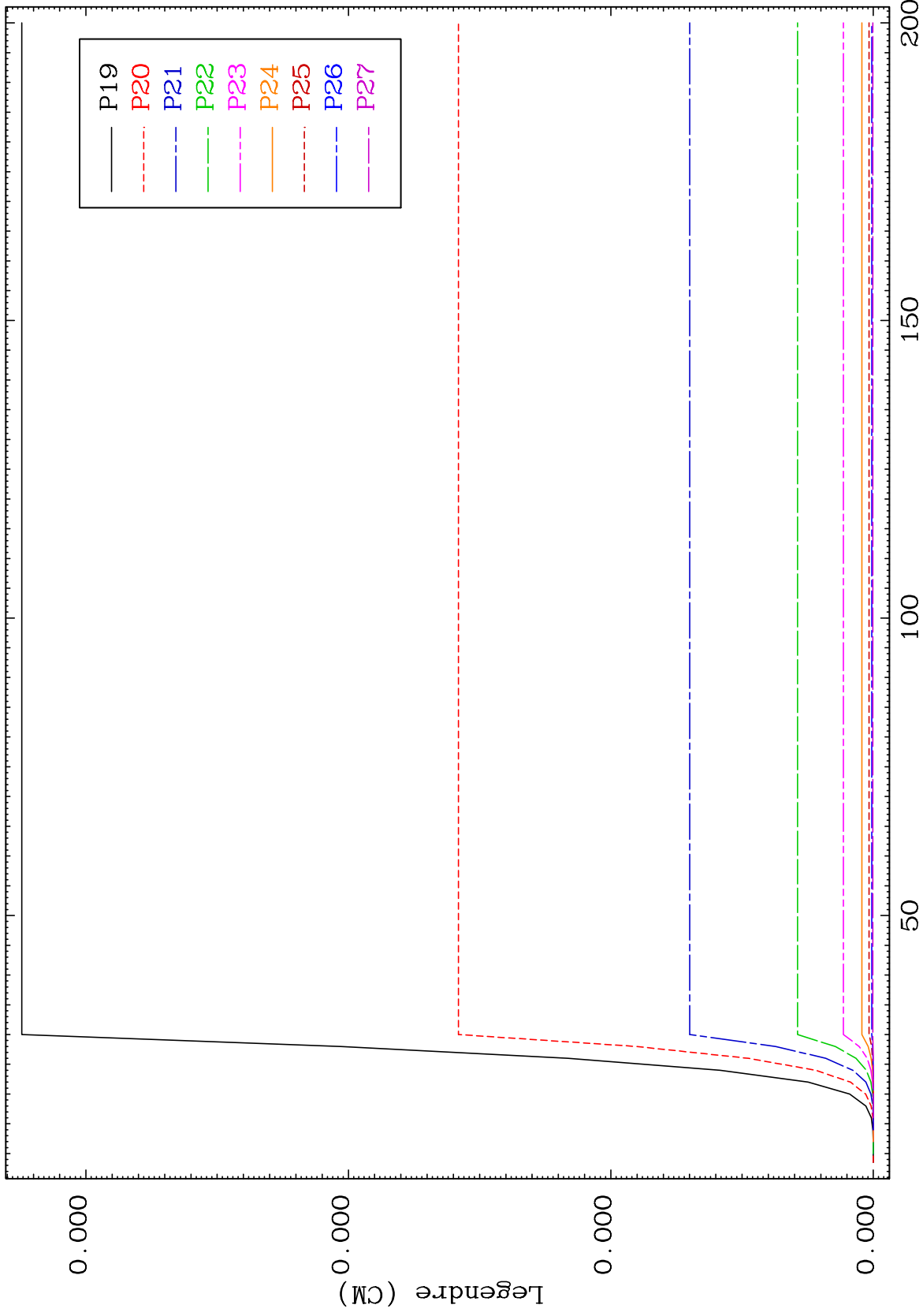
Incident Energy (MeV)

44-Ru-100

MAT 4437

2.268 MeV (n, n') Level
Legendre Coefficients

44-Ru-100



82

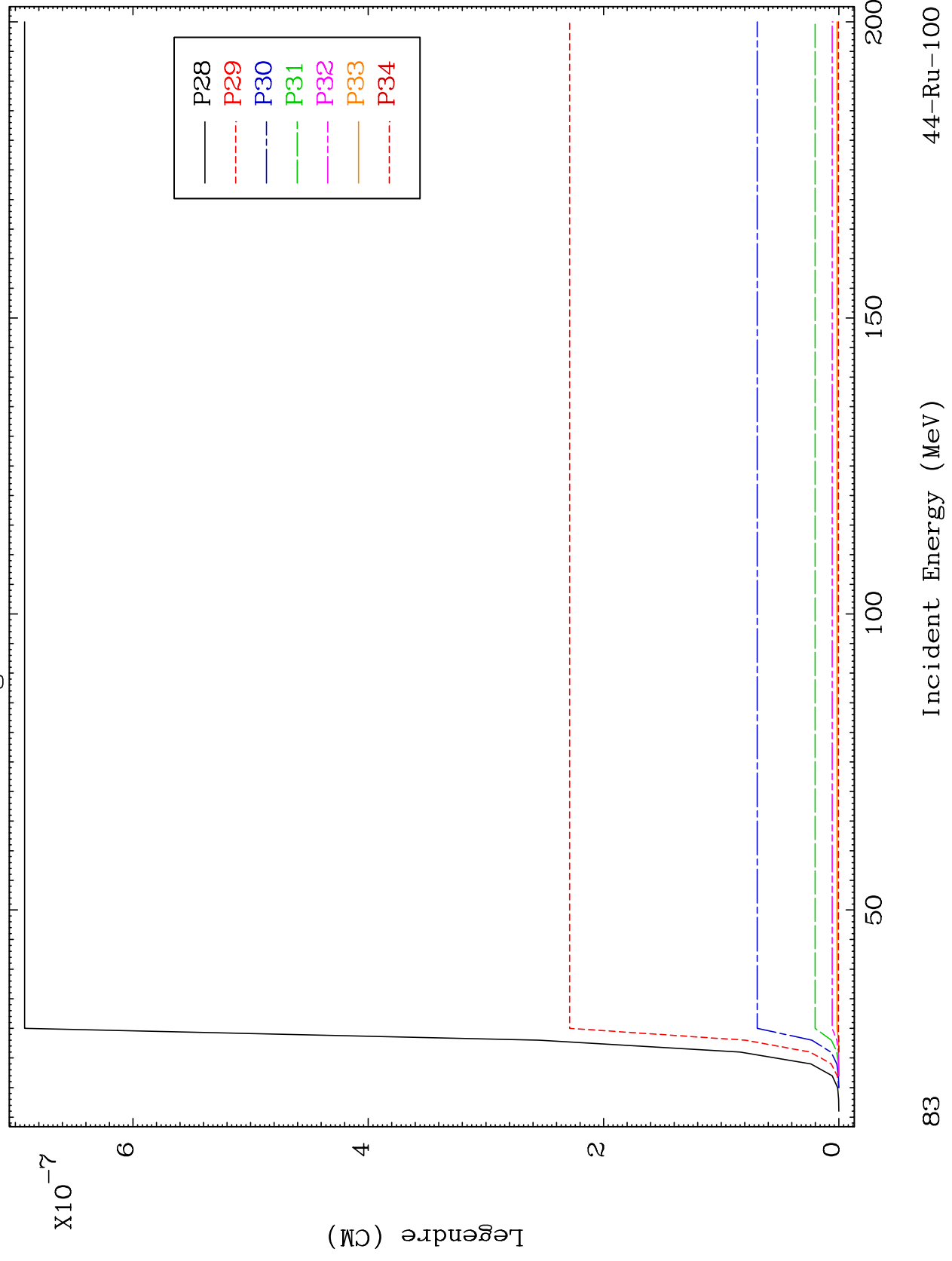
Incident Energy (MeV)

44-Ru-100

MAT 4437

2.268 MeV (n,n') Level
Legendre Coefficients

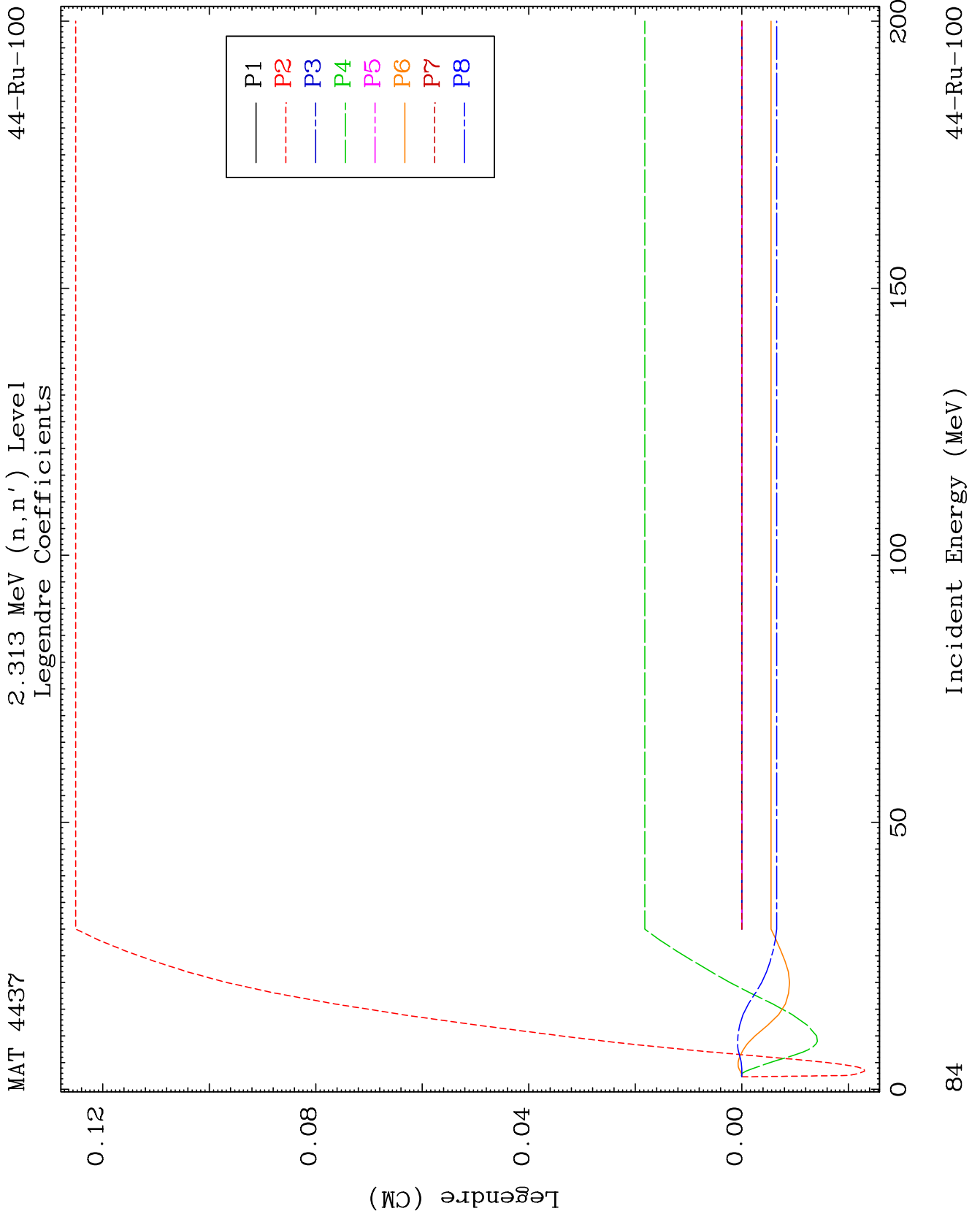
44-Ru-100

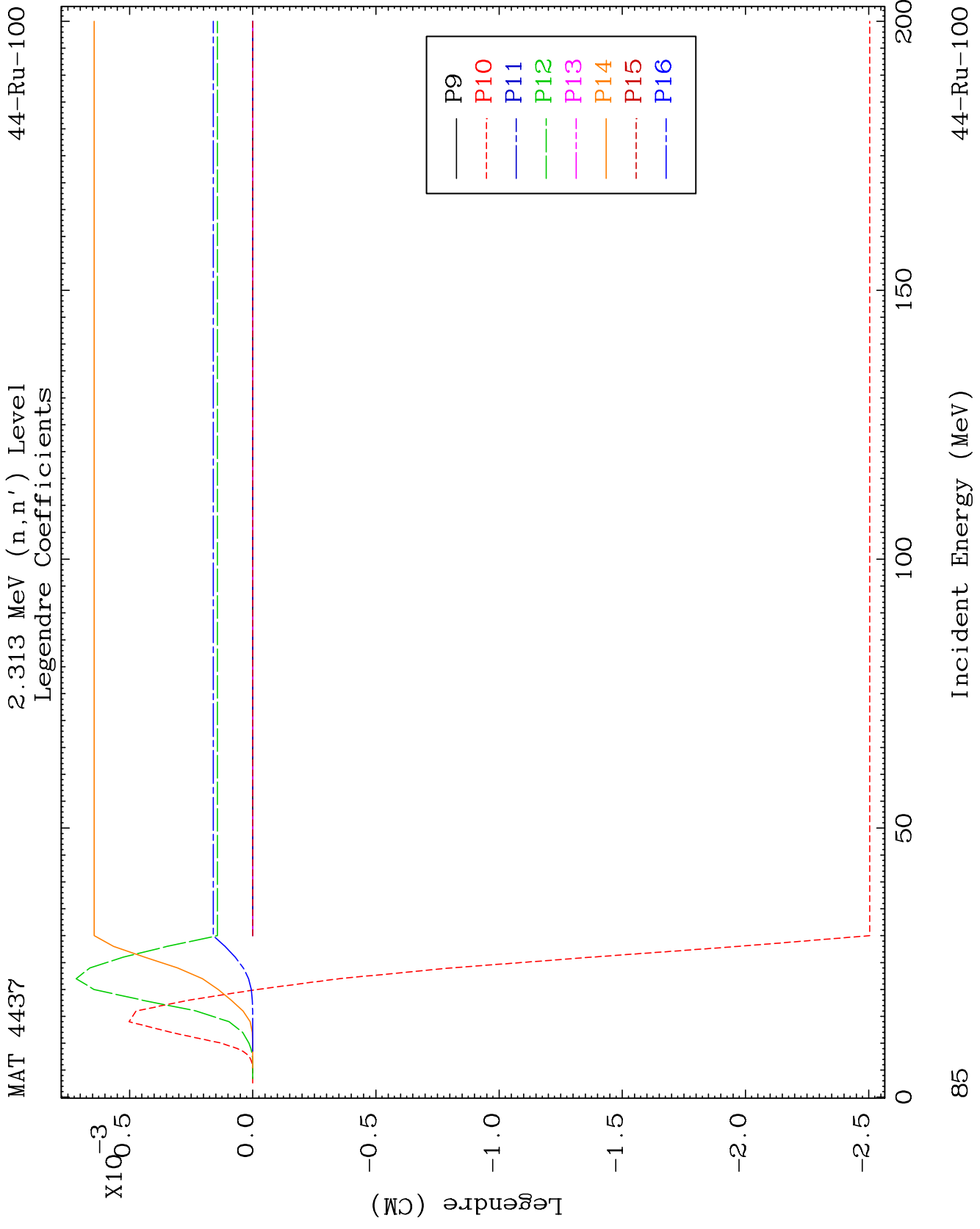


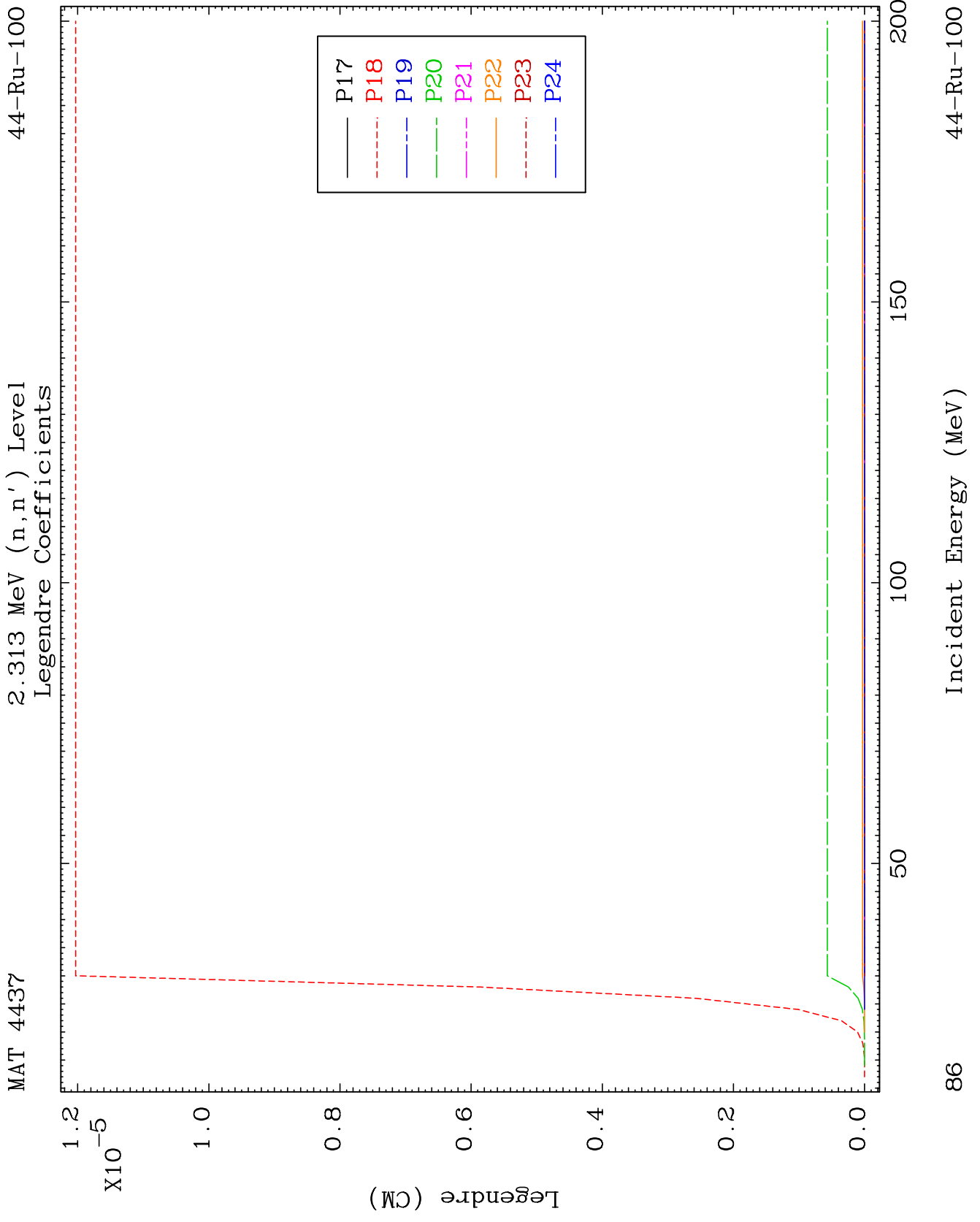
83

Incident Energy (MeV)

44-Ru-100



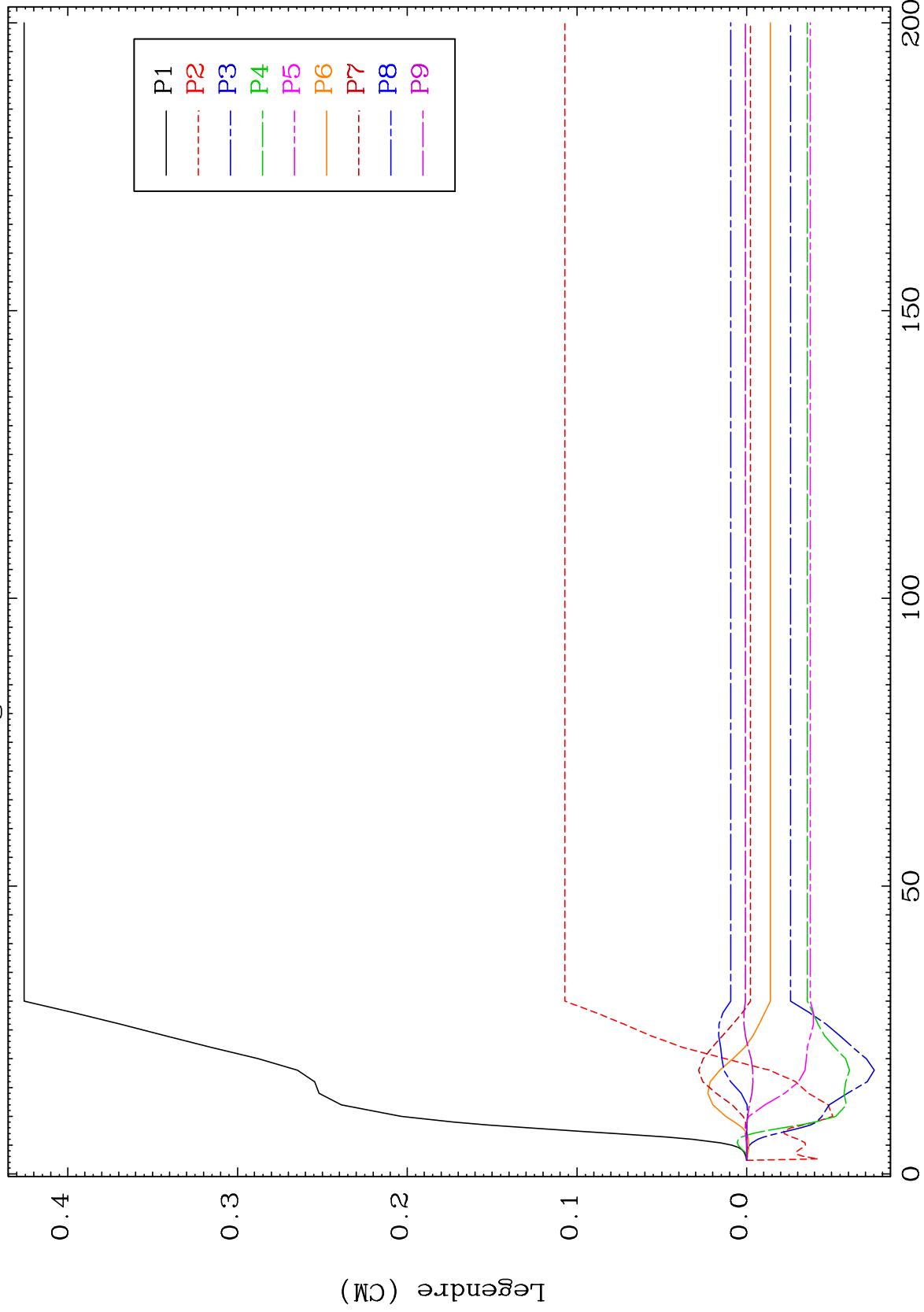




MAT 4437

2.325 MeV (n,n') Level
Legendre Coefficients

44-Ru-100



87

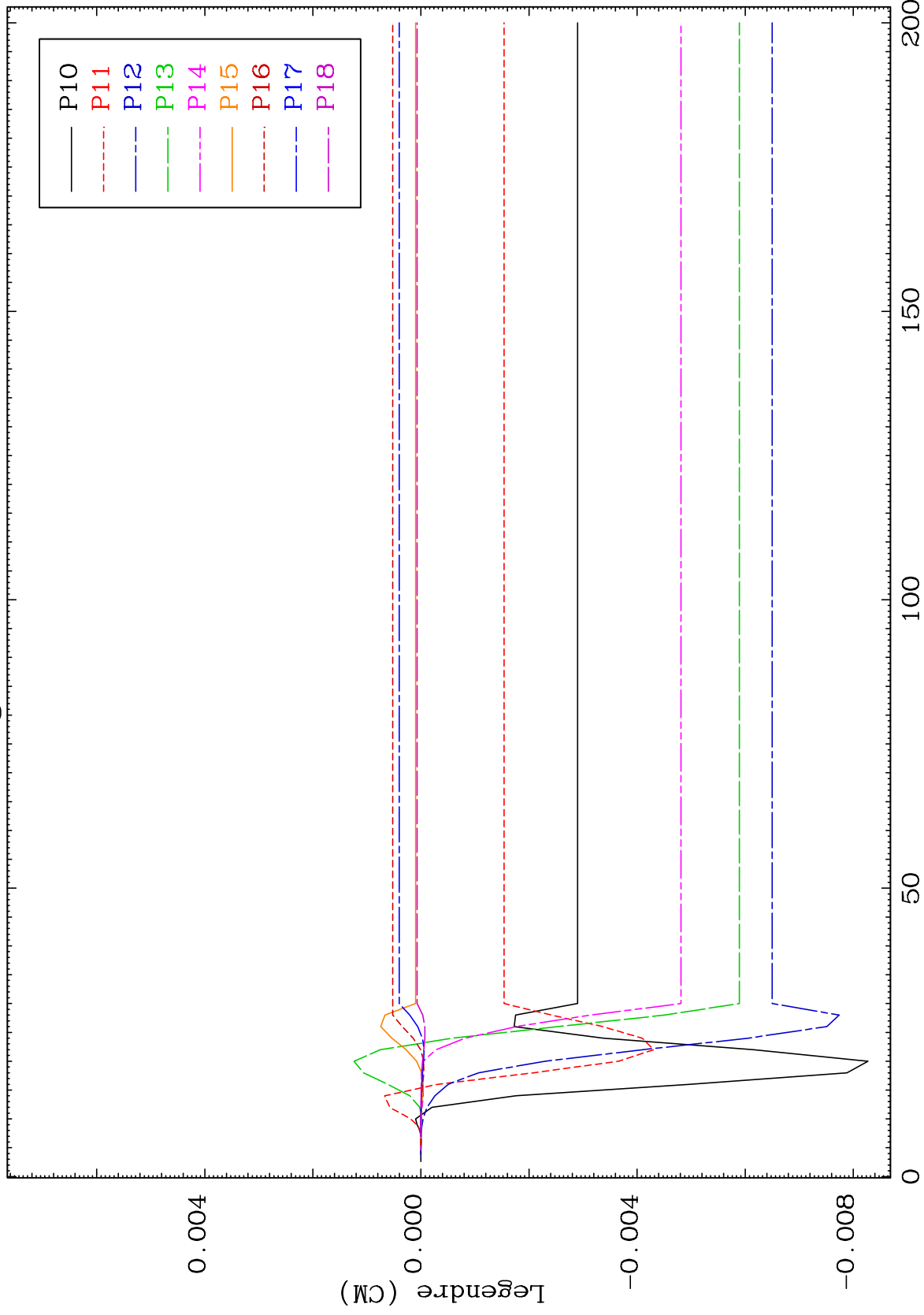
Incident Energy (MeV)

44-Ru-100

MAT 4437

2.325 MeV (n, n') Level
Legendre Coefficients

44-Ru-100



88

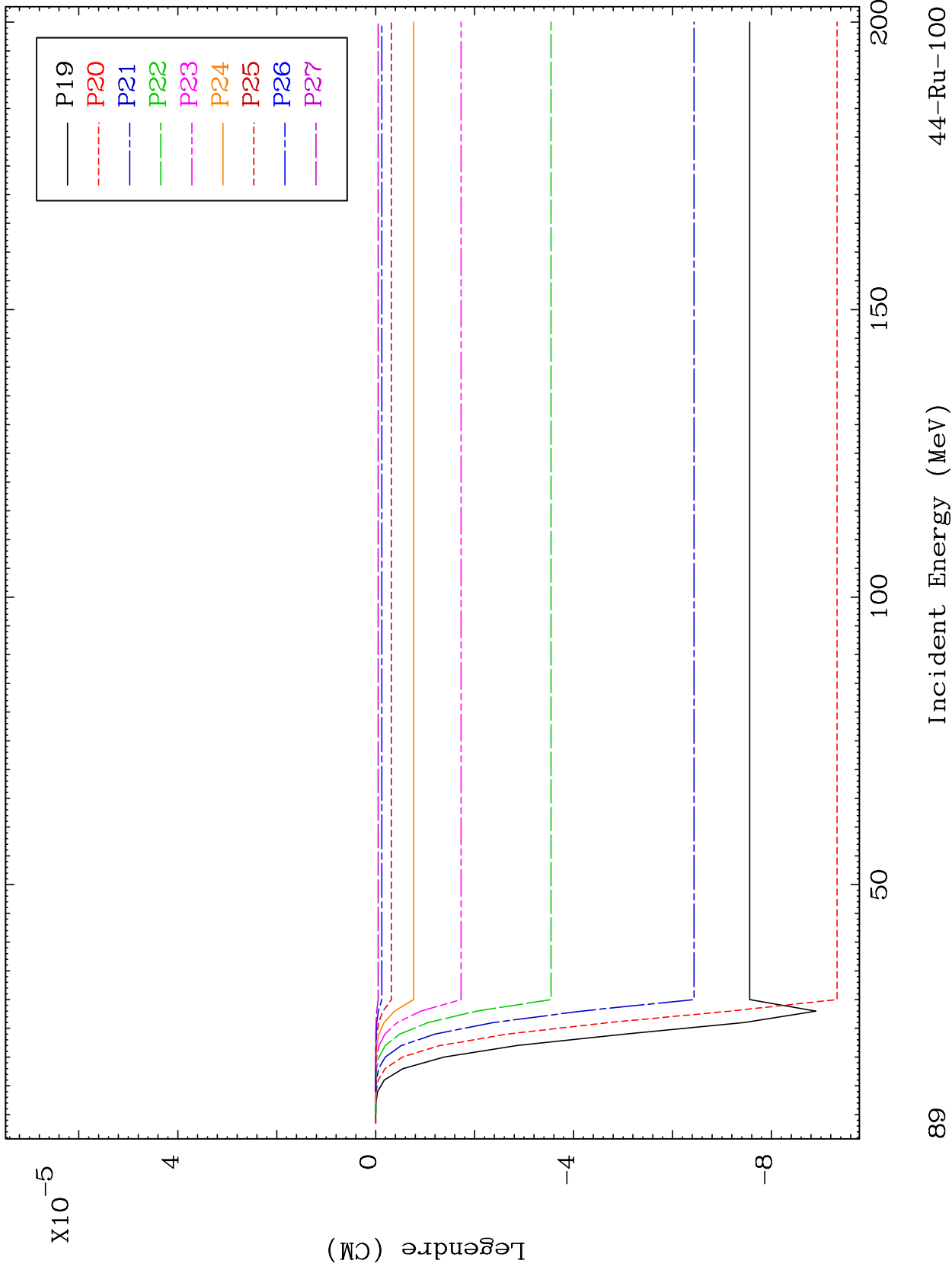
Incident Energy (MeV)

44-Ru-100

MAT 4437

2.325 MeV (n,n') Level
Legendre Coefficients

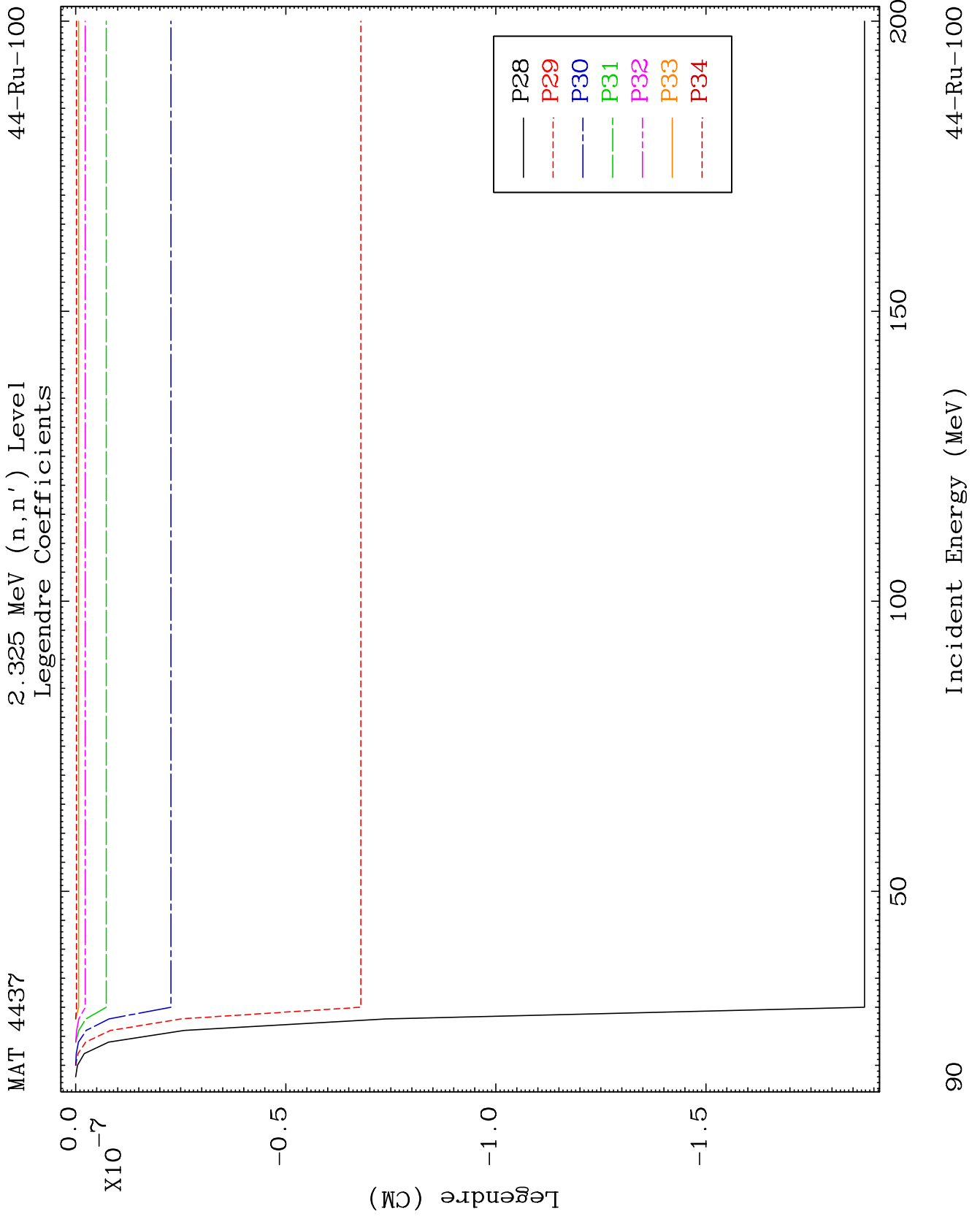
44-Ru-100



89

Incident Energy (MeV)

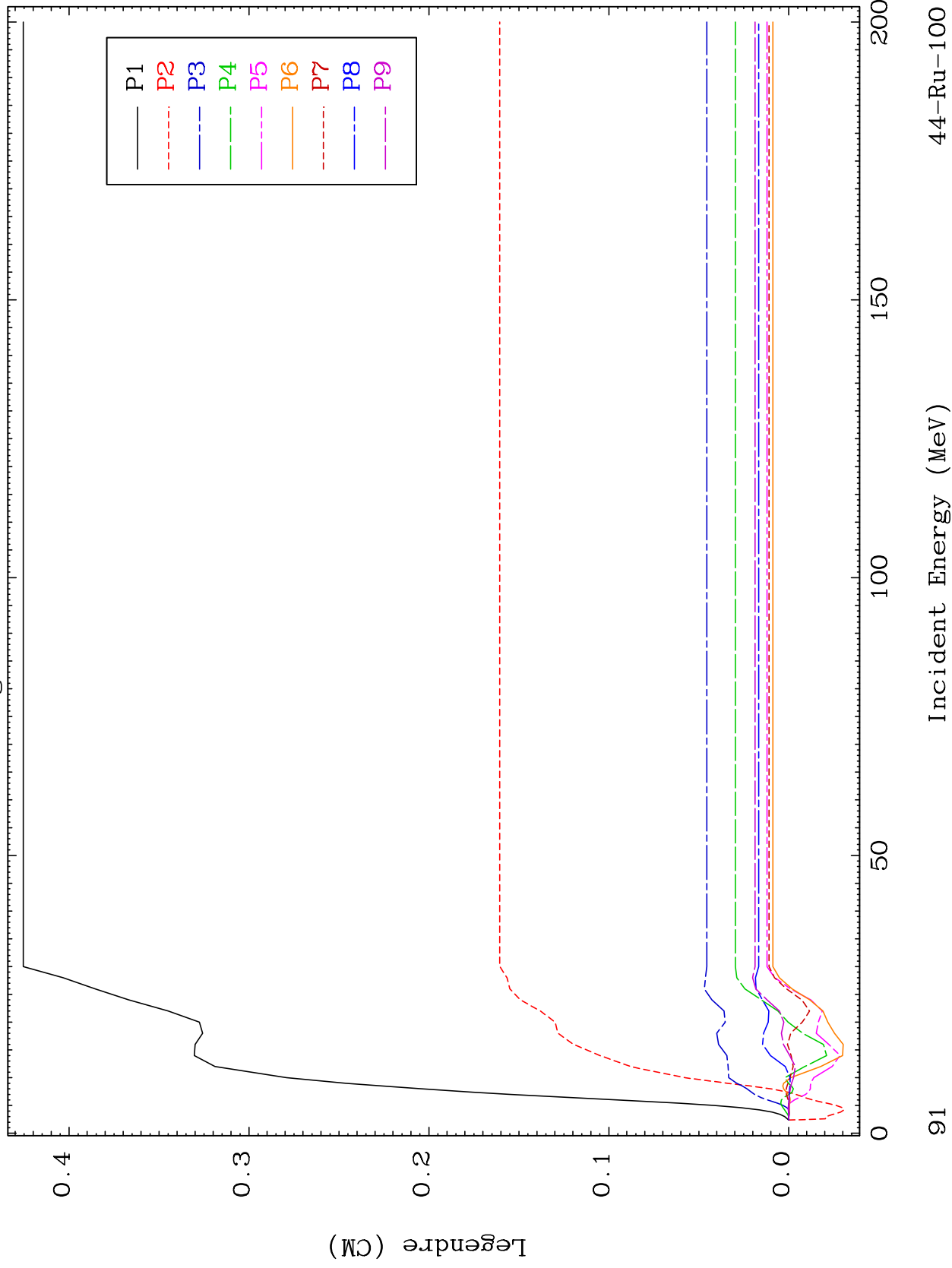
44-Ru-100



MAT 4437

2.351 MeV (n, n') Level
Legendre Coefficients

44-Ru-100



91

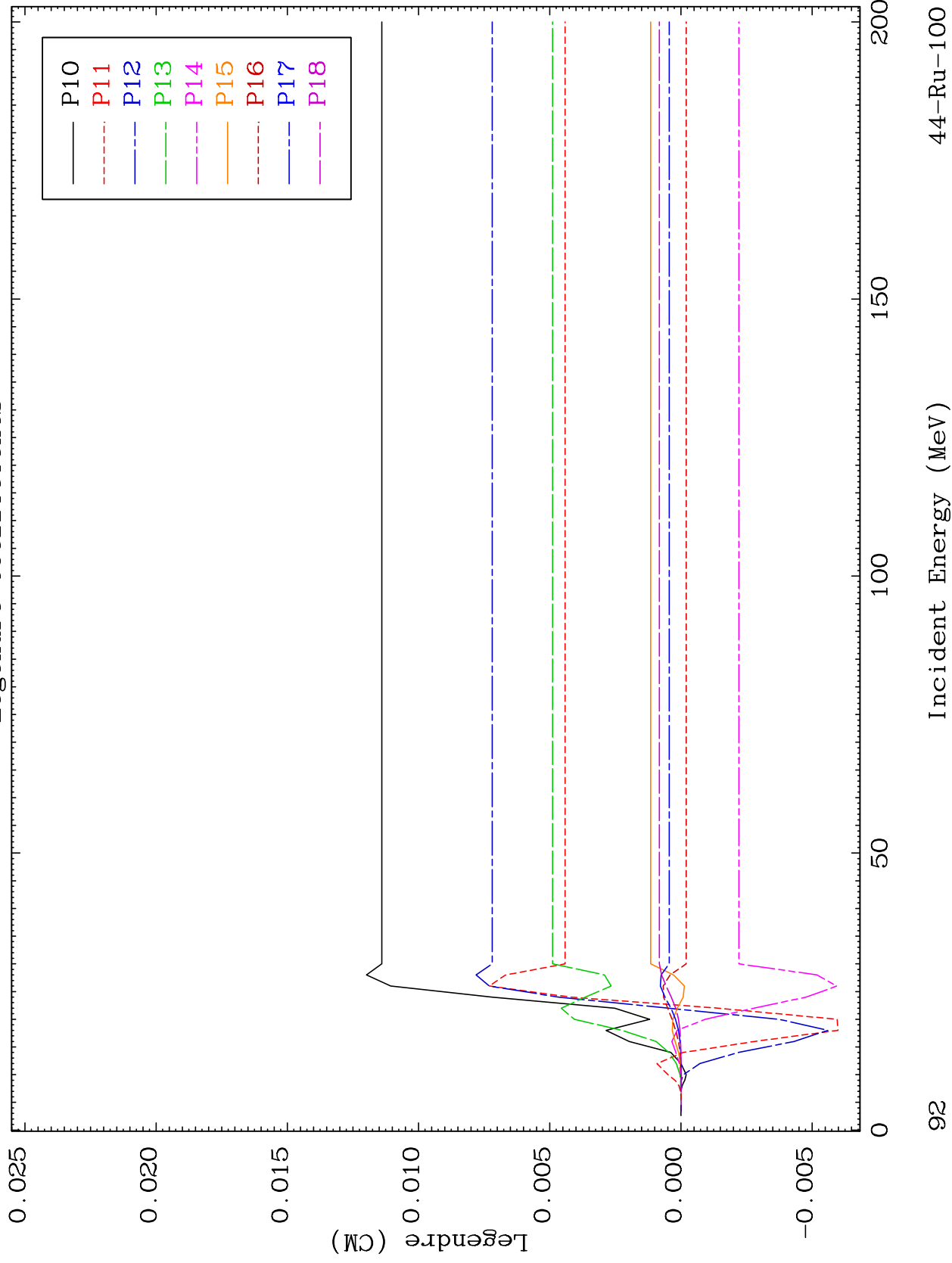
Incident Energy (MeV)

44-Ru-100

MAT 4437

2.351 MeV (n, n') Level
Legendre Coefficients

44-Ru-100



92

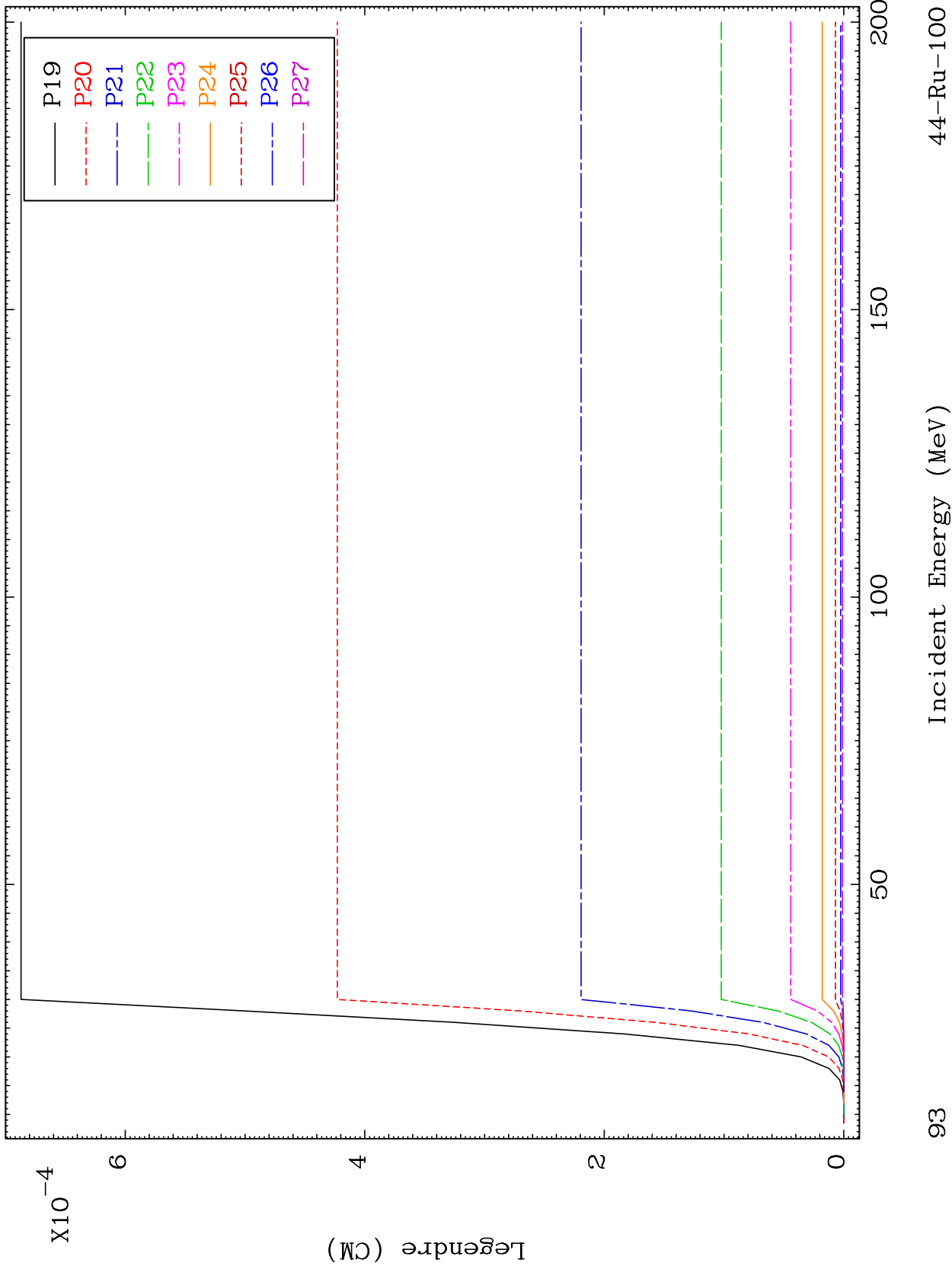
Incident Energy (MeV)

44-Ru-100

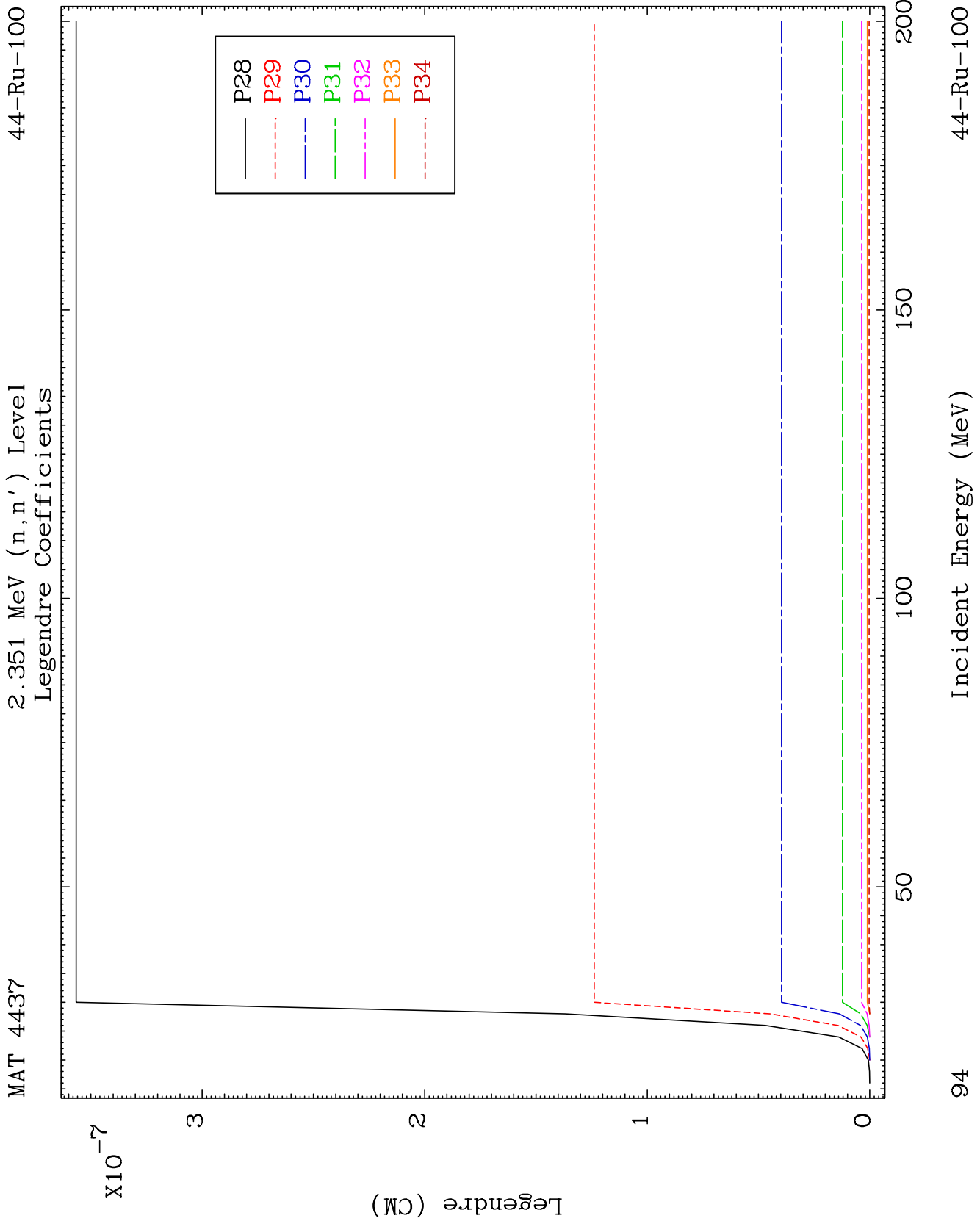
MAT 4437

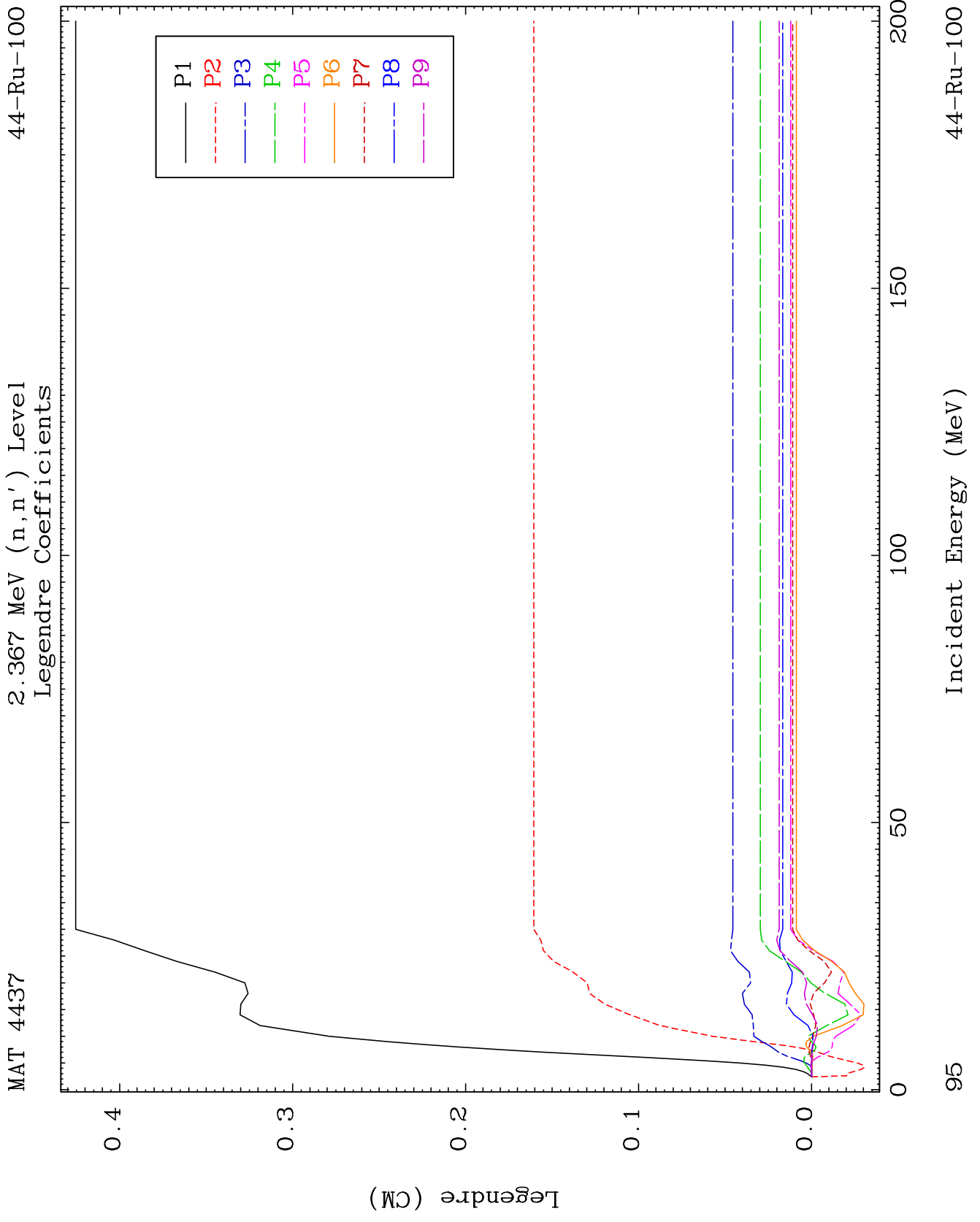
2.351 MeV (n,n') Level
Legendre Coefficients

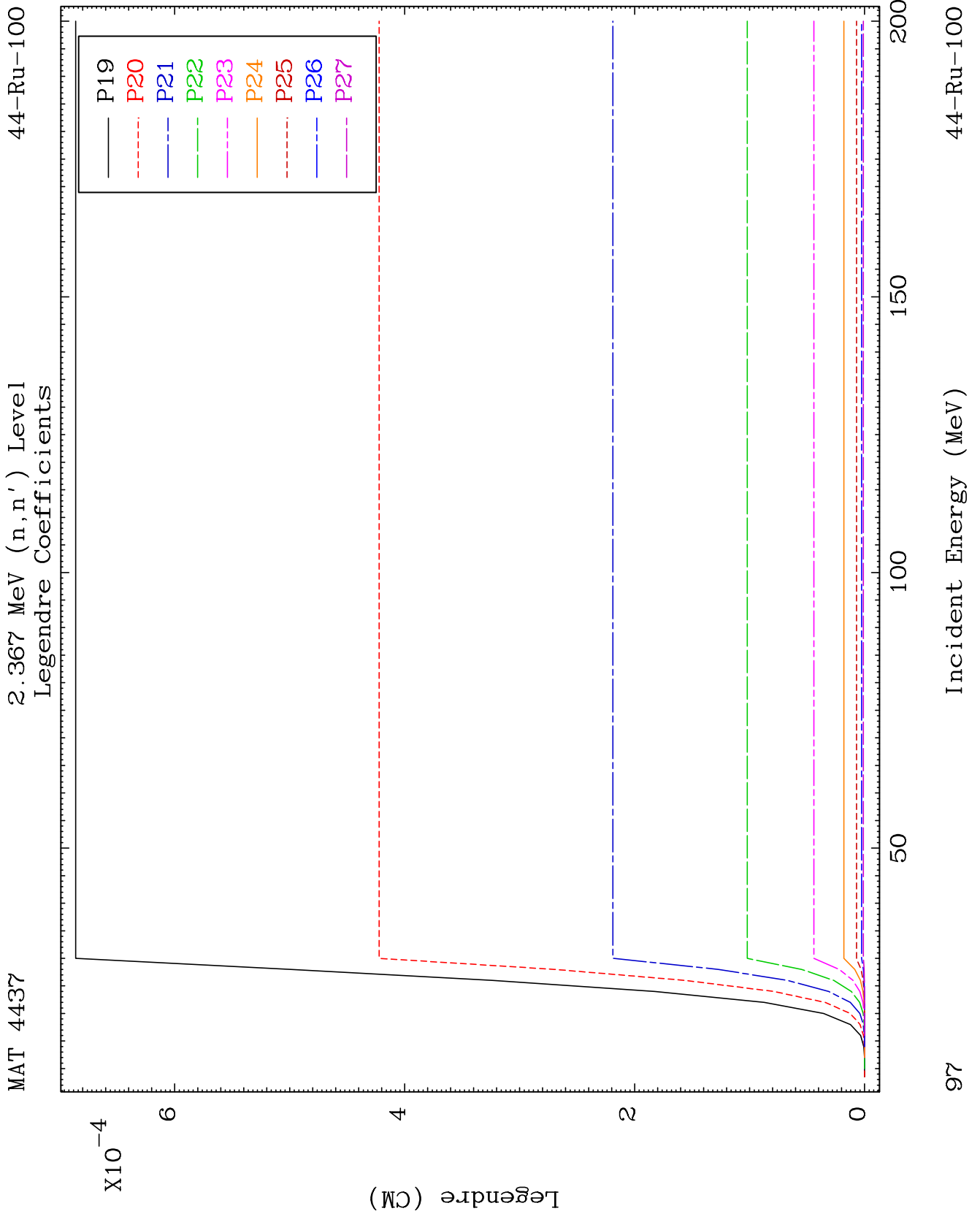
44-Ru-100

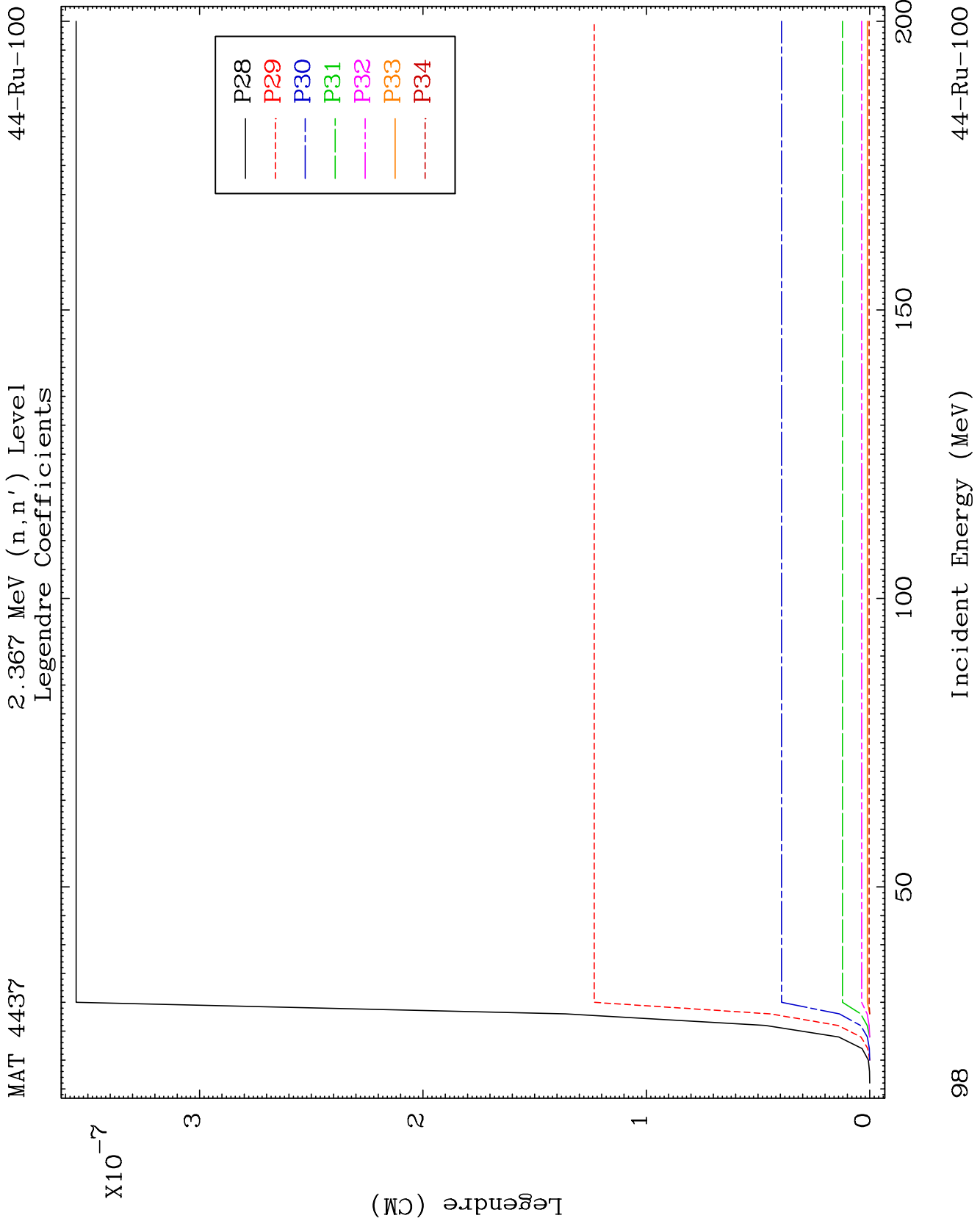


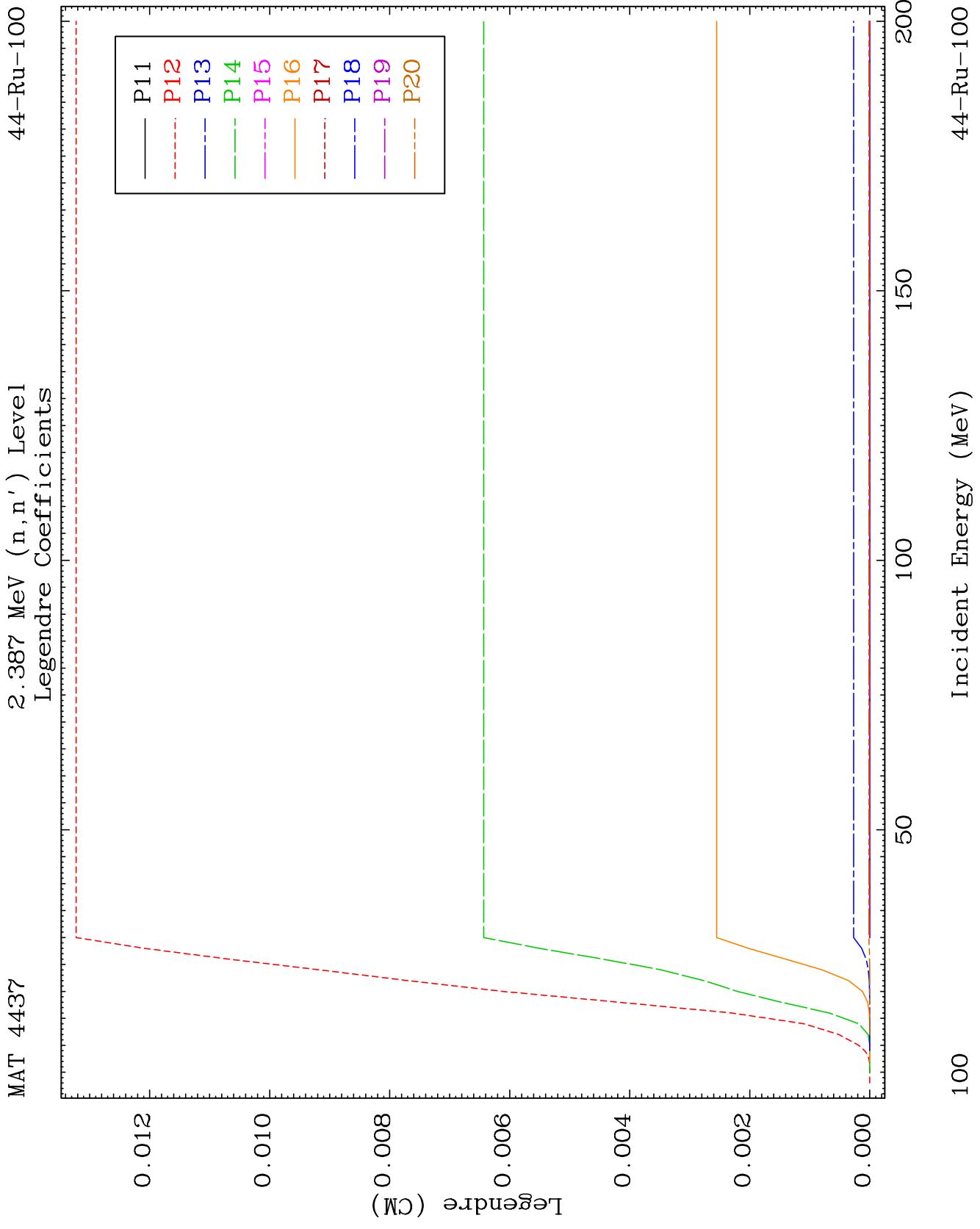
93

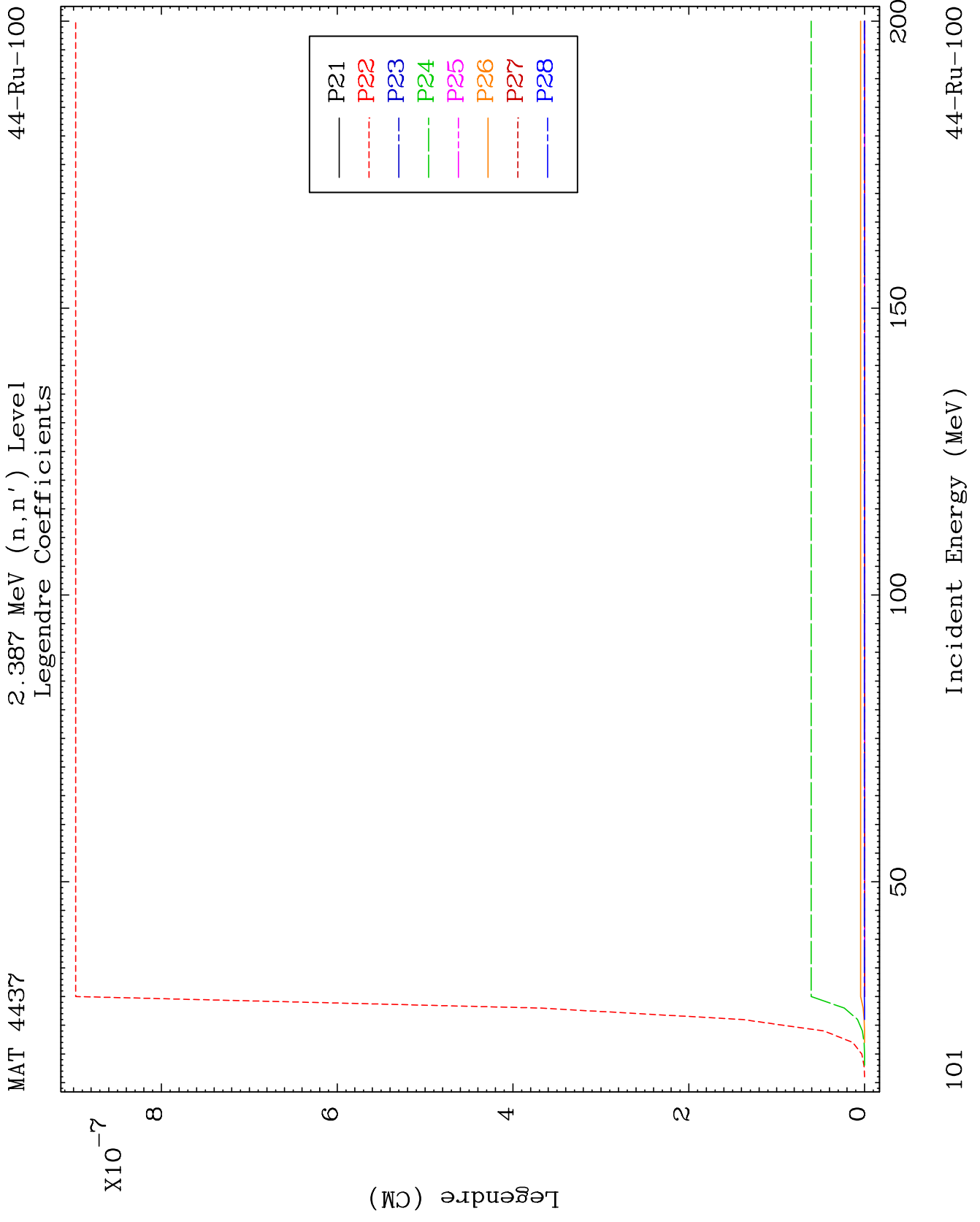








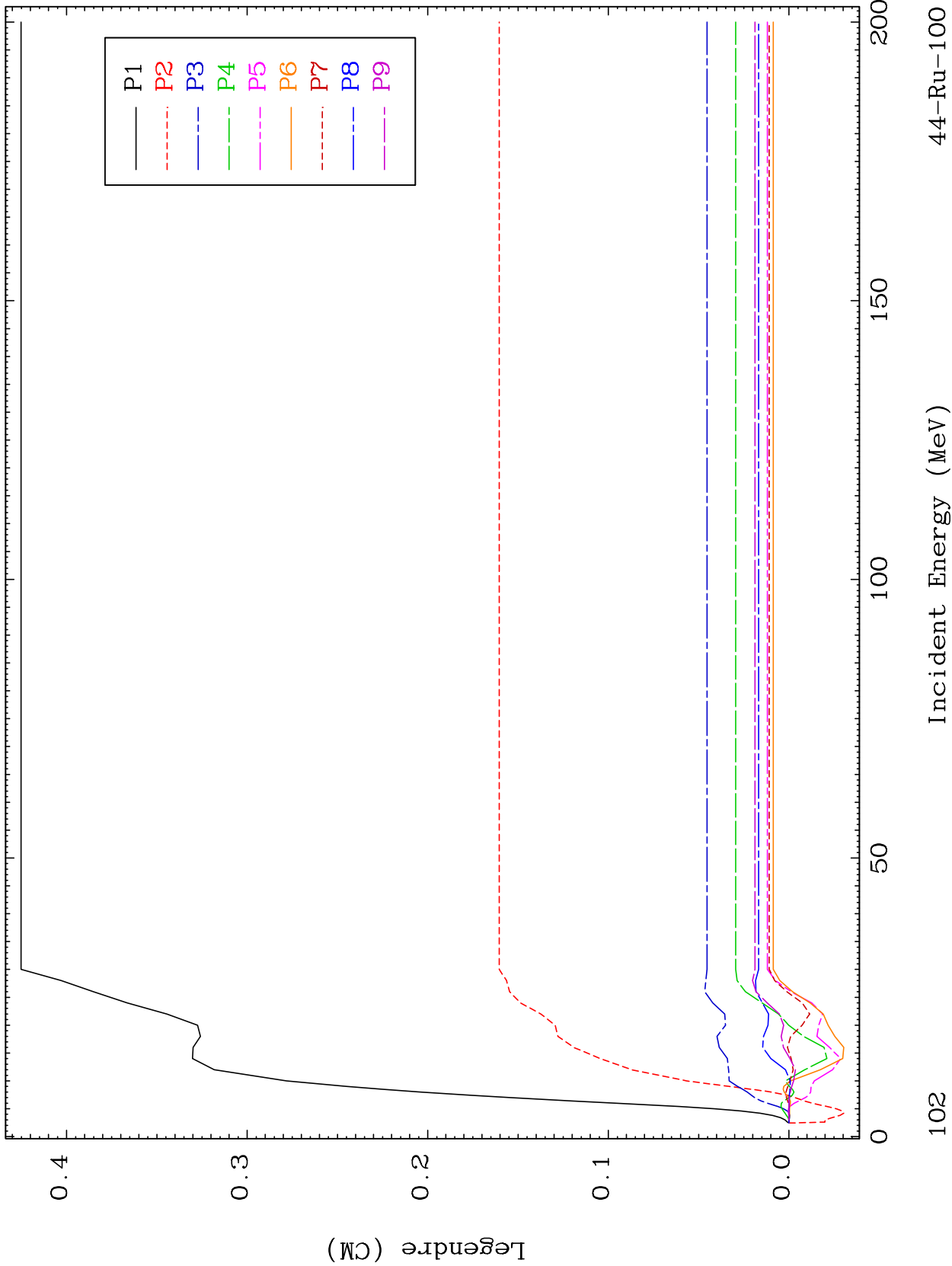


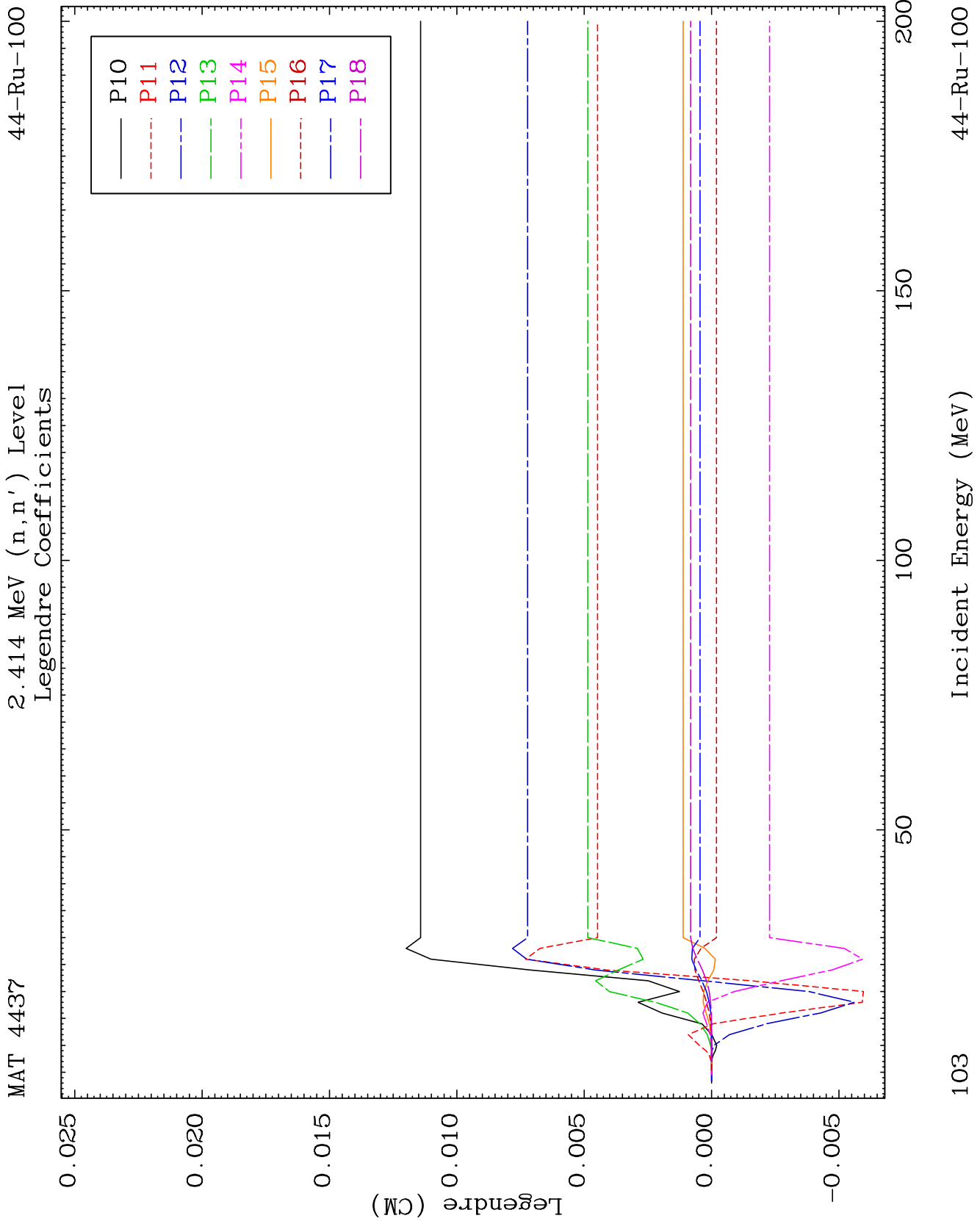


MAT 4437

2.414 MeV (n,n') Level
Legendre Coefficients

44-Ru-100

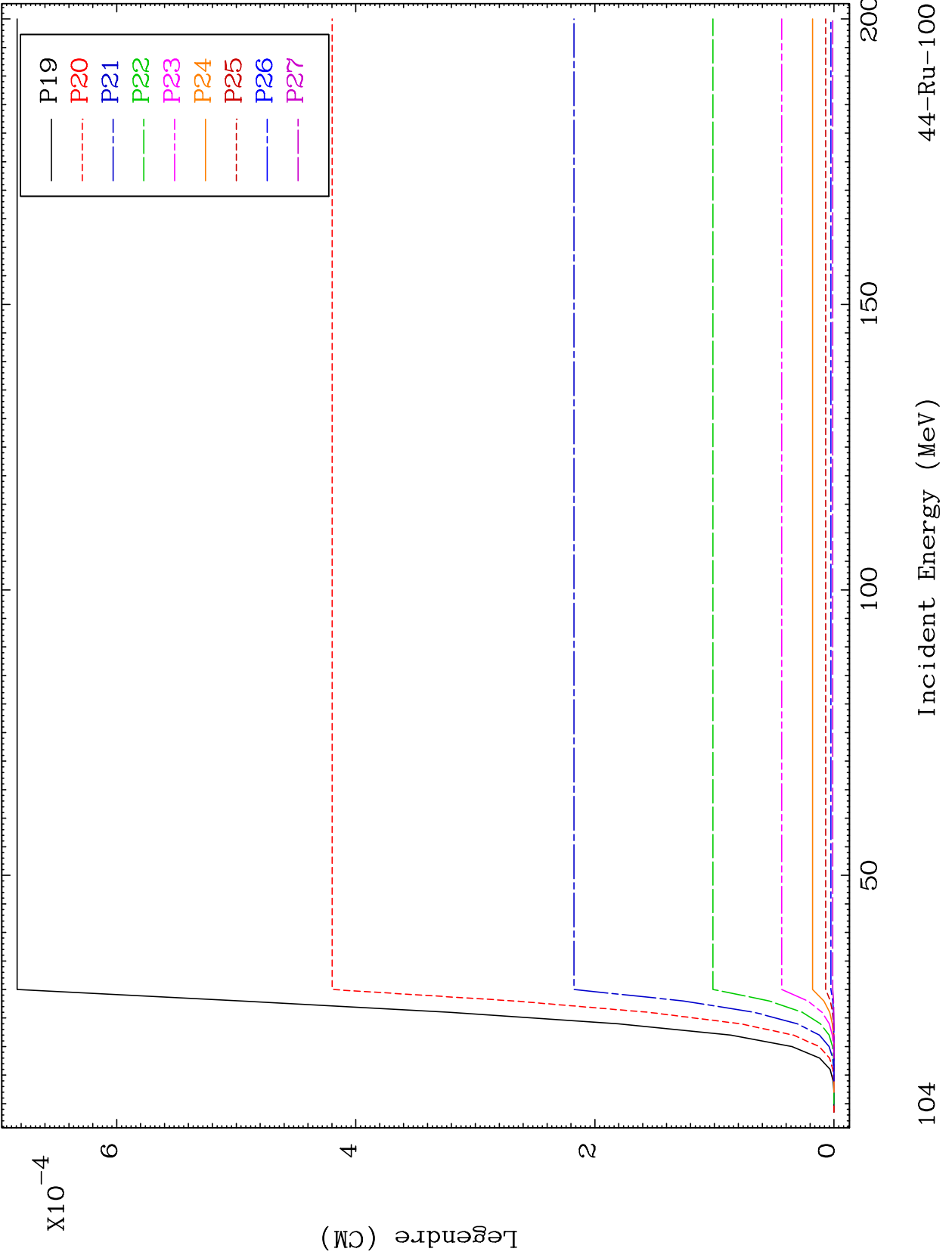




MAT 4437

2.414 MeV (n,n') Level
Legendre Coefficients

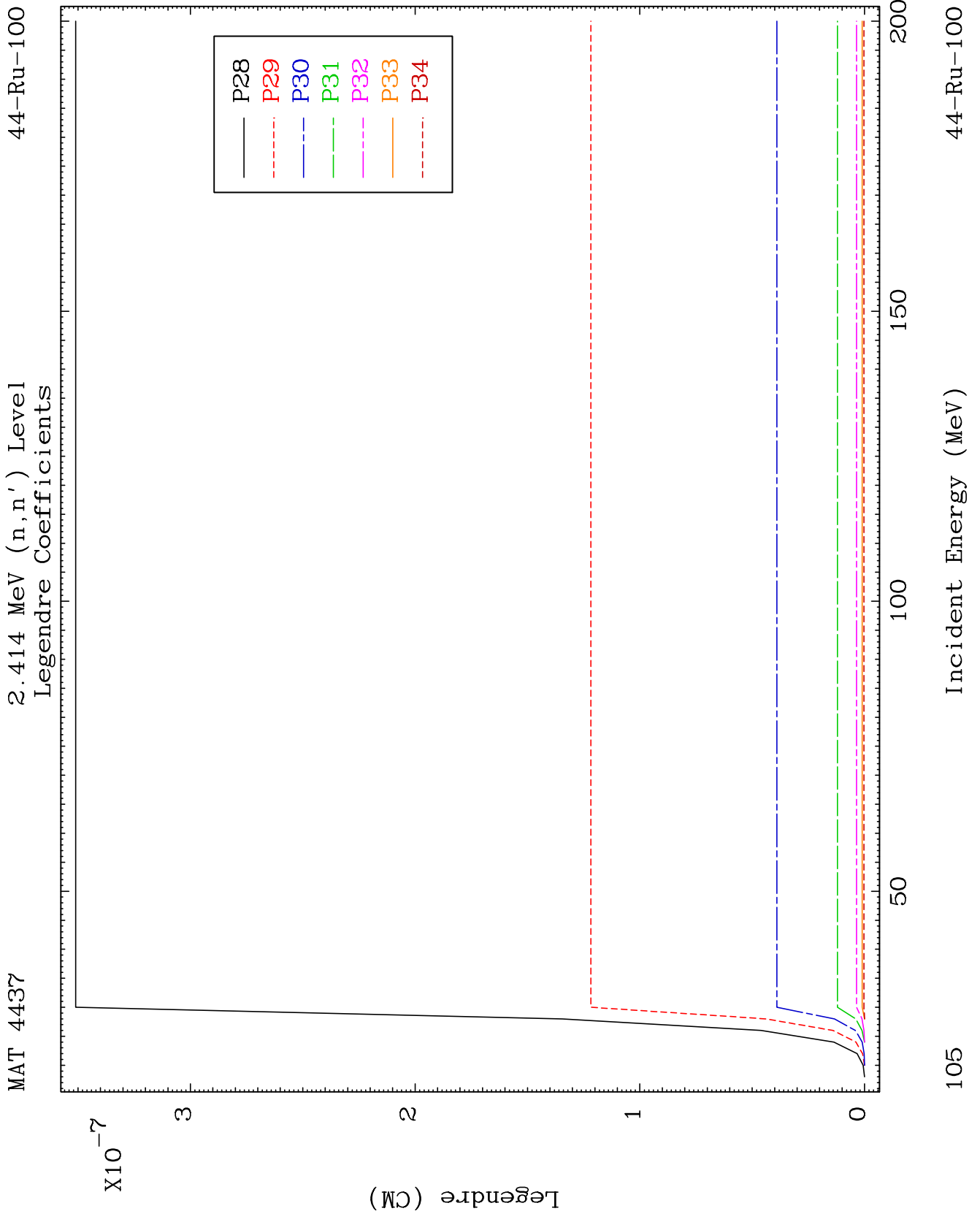
44-Ru-100

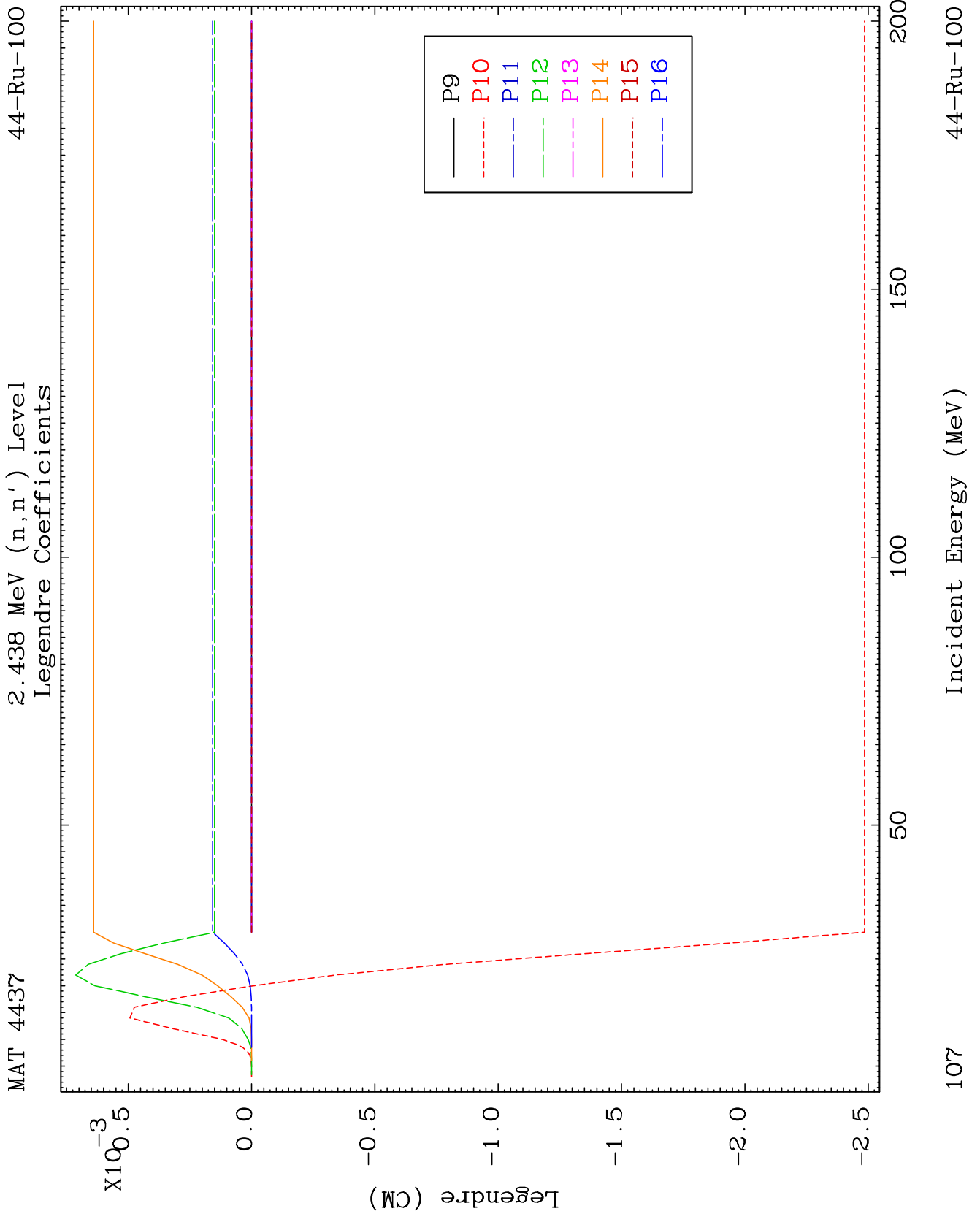


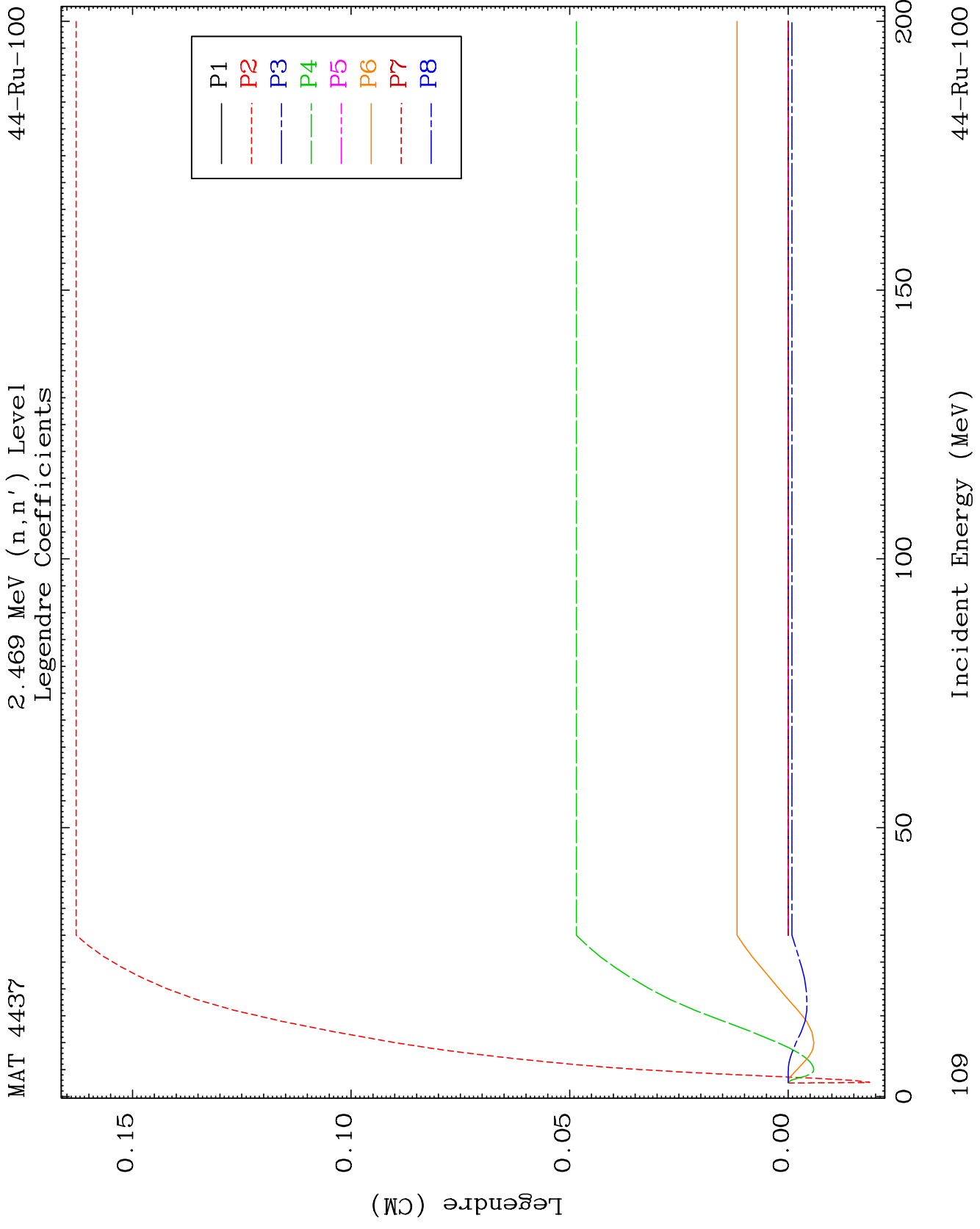
104

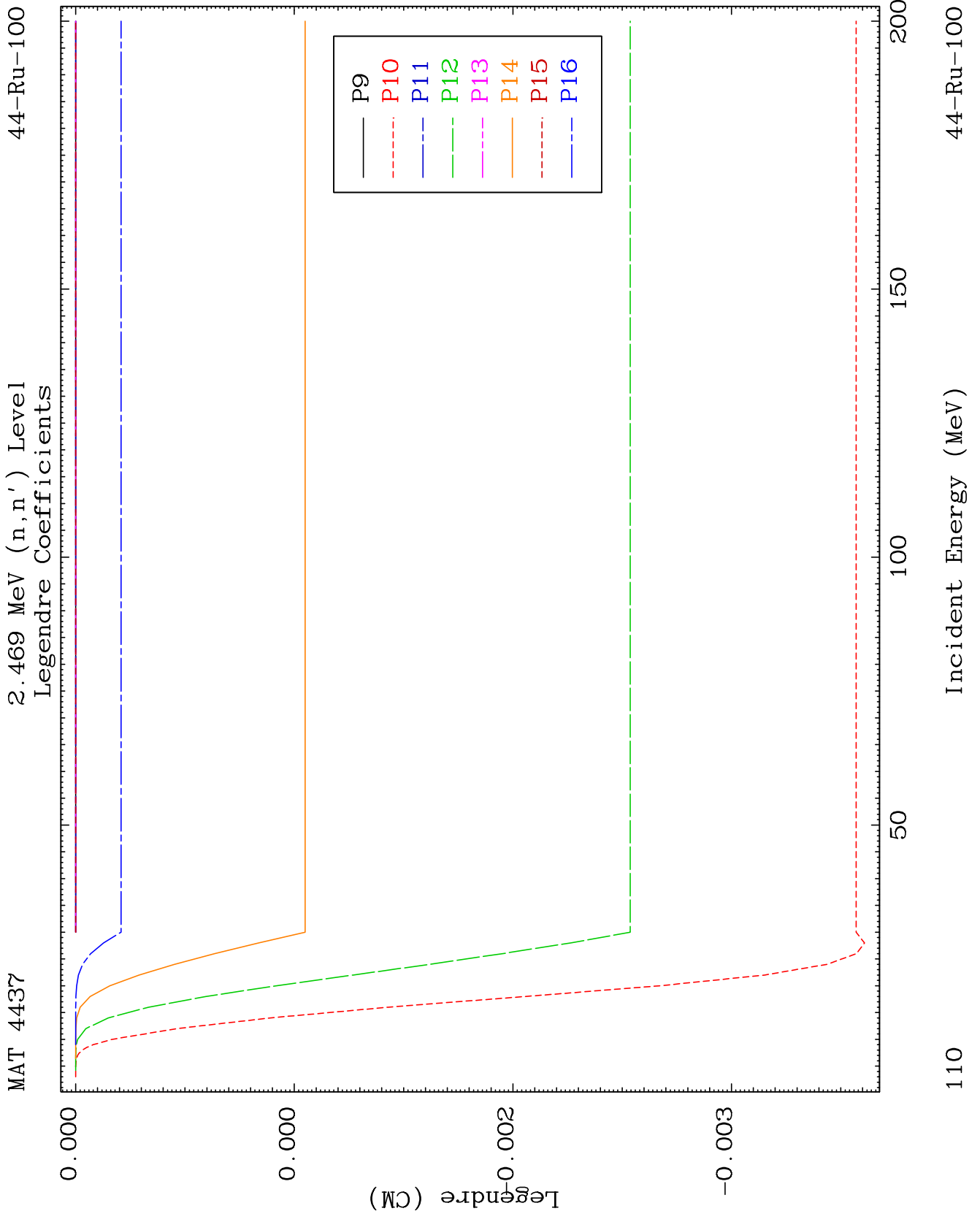
150

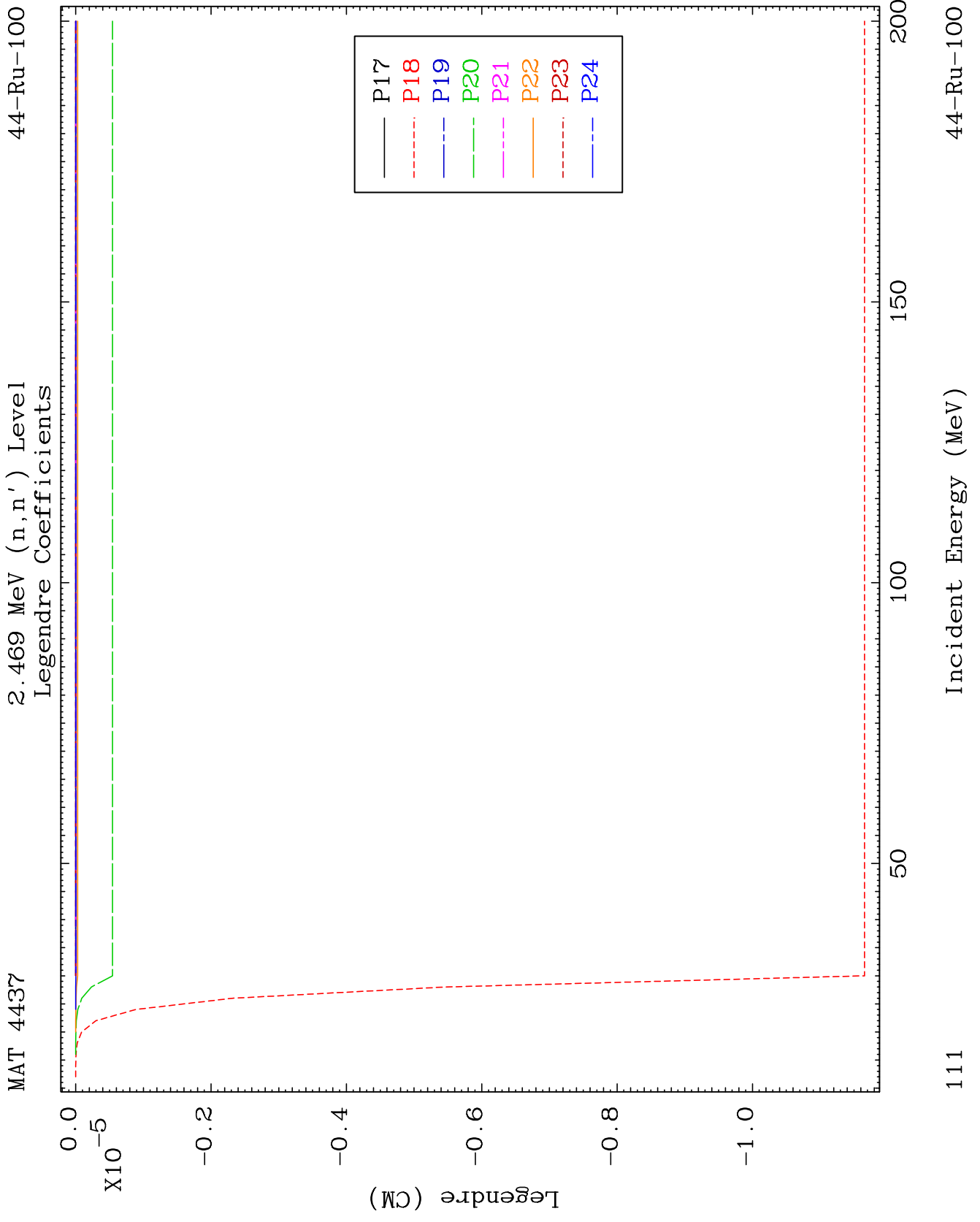
200

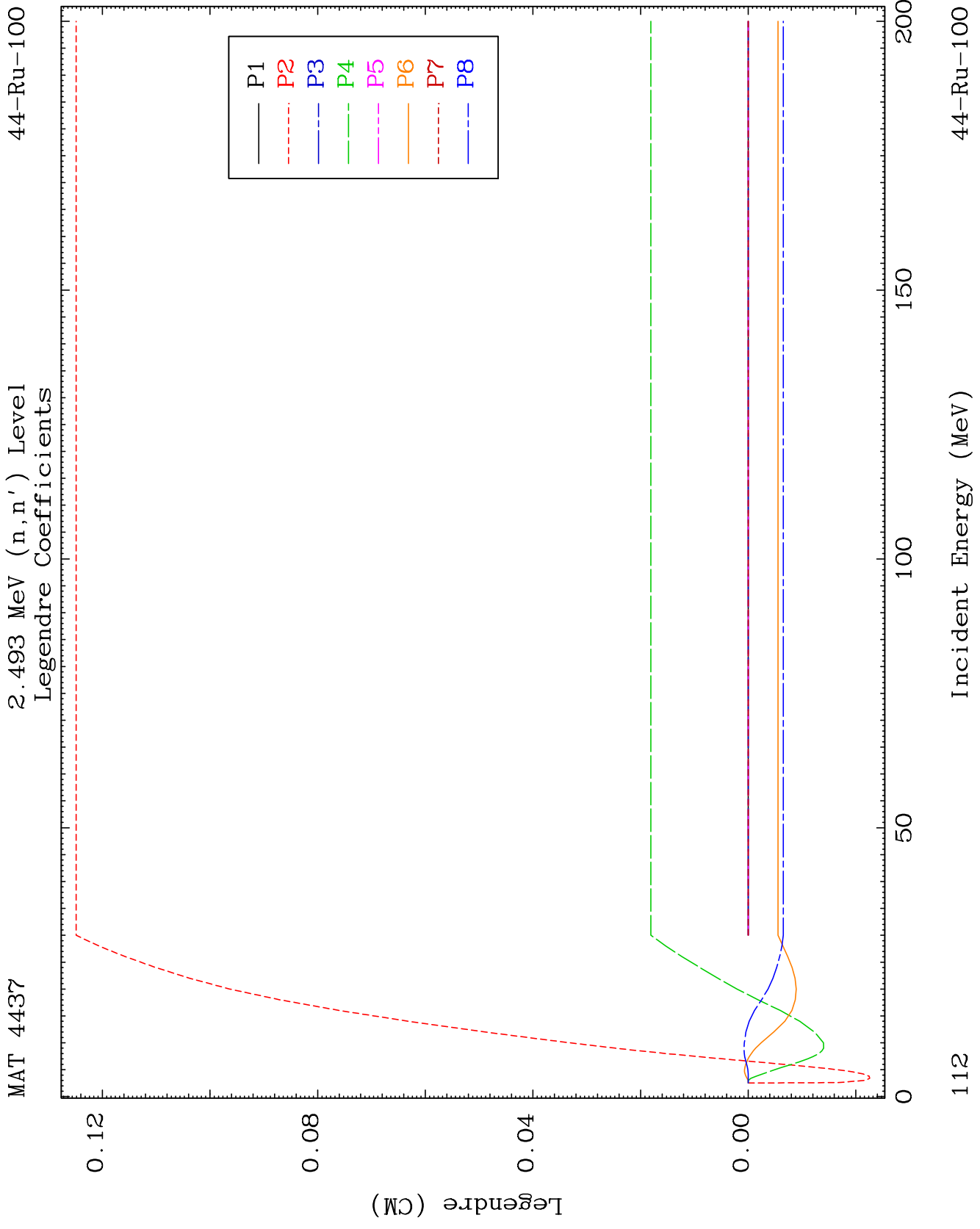


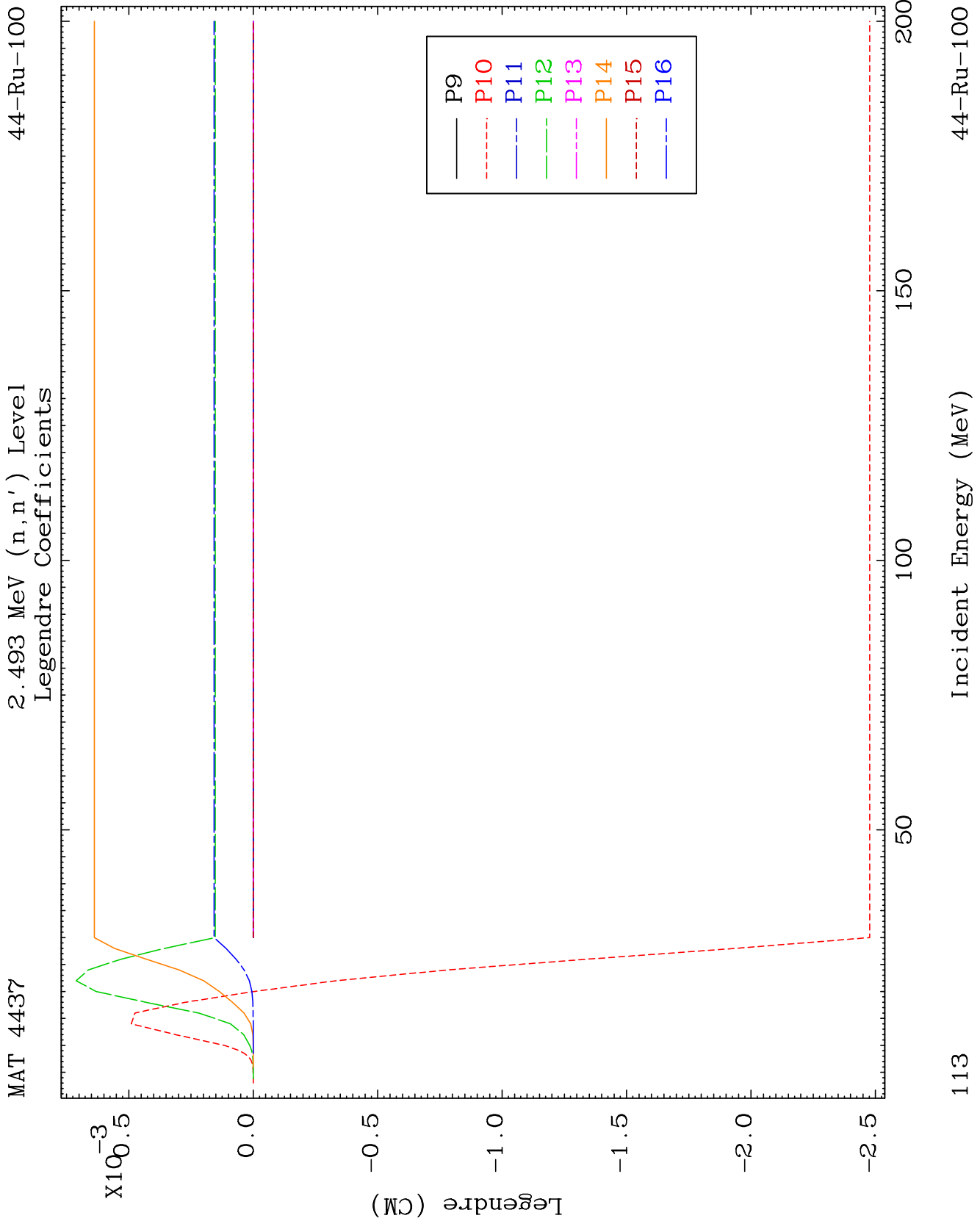








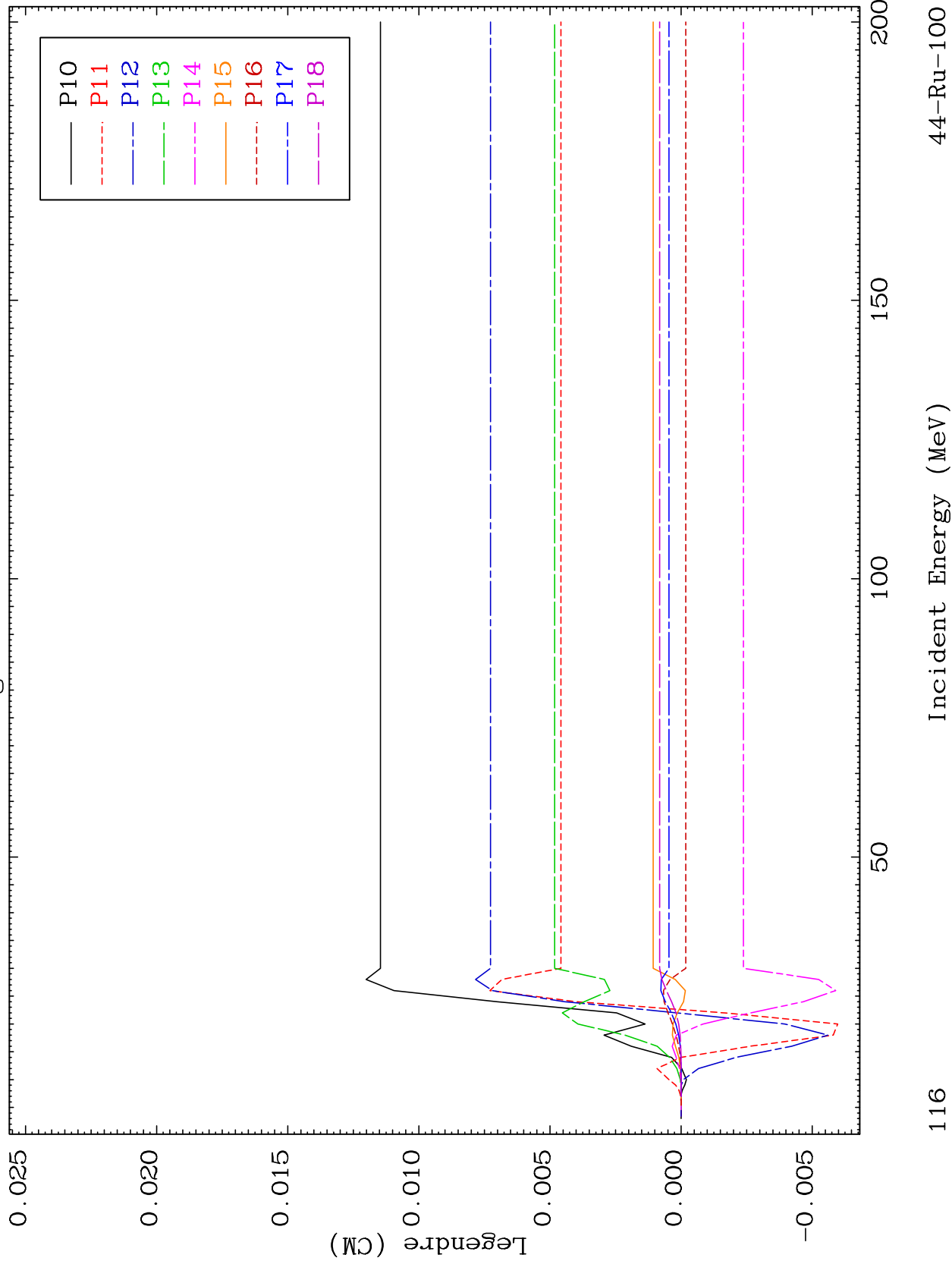




MAT 4437

2.512 MeV (n, n') Level
Legendre Coefficients

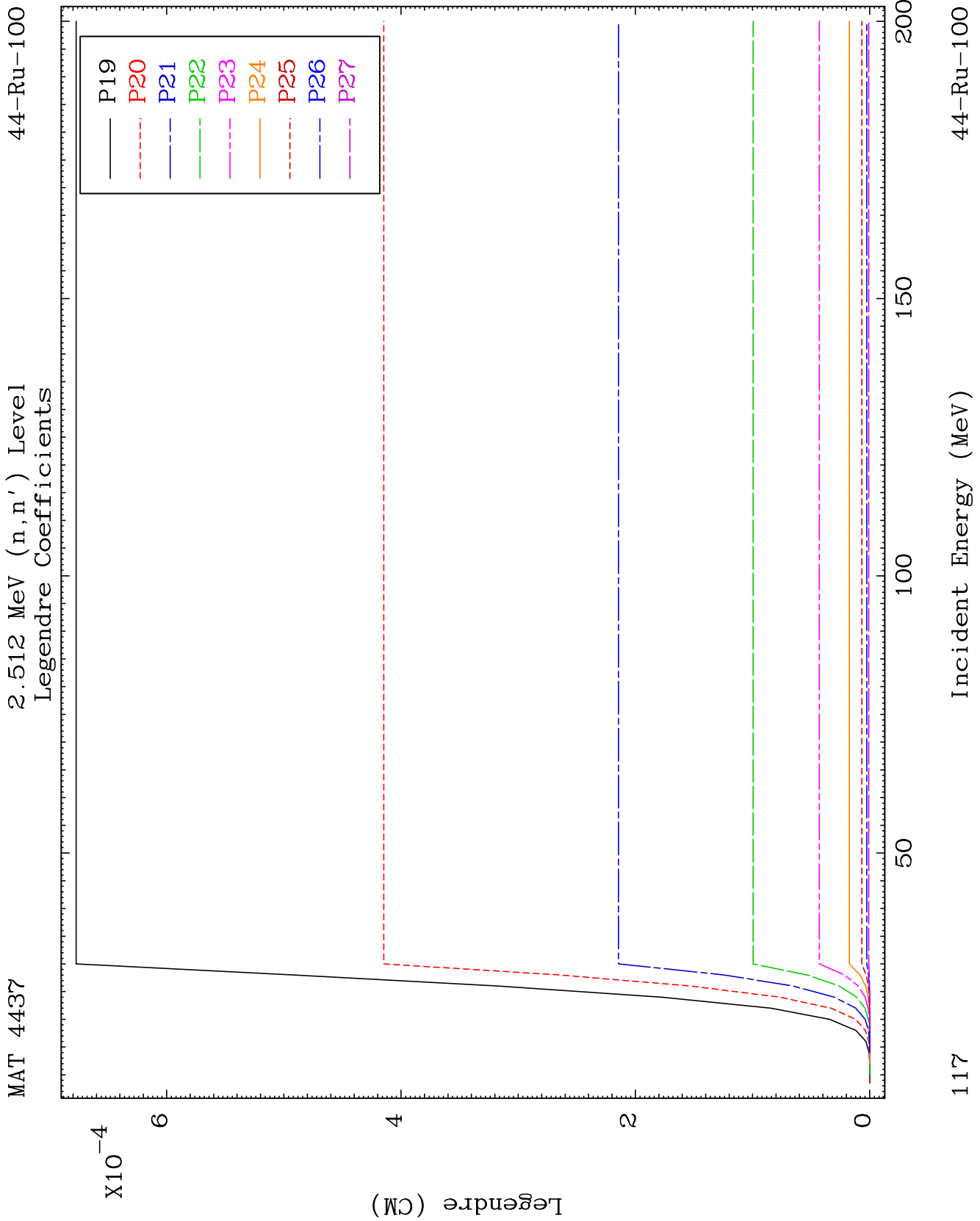
44-Ru-100

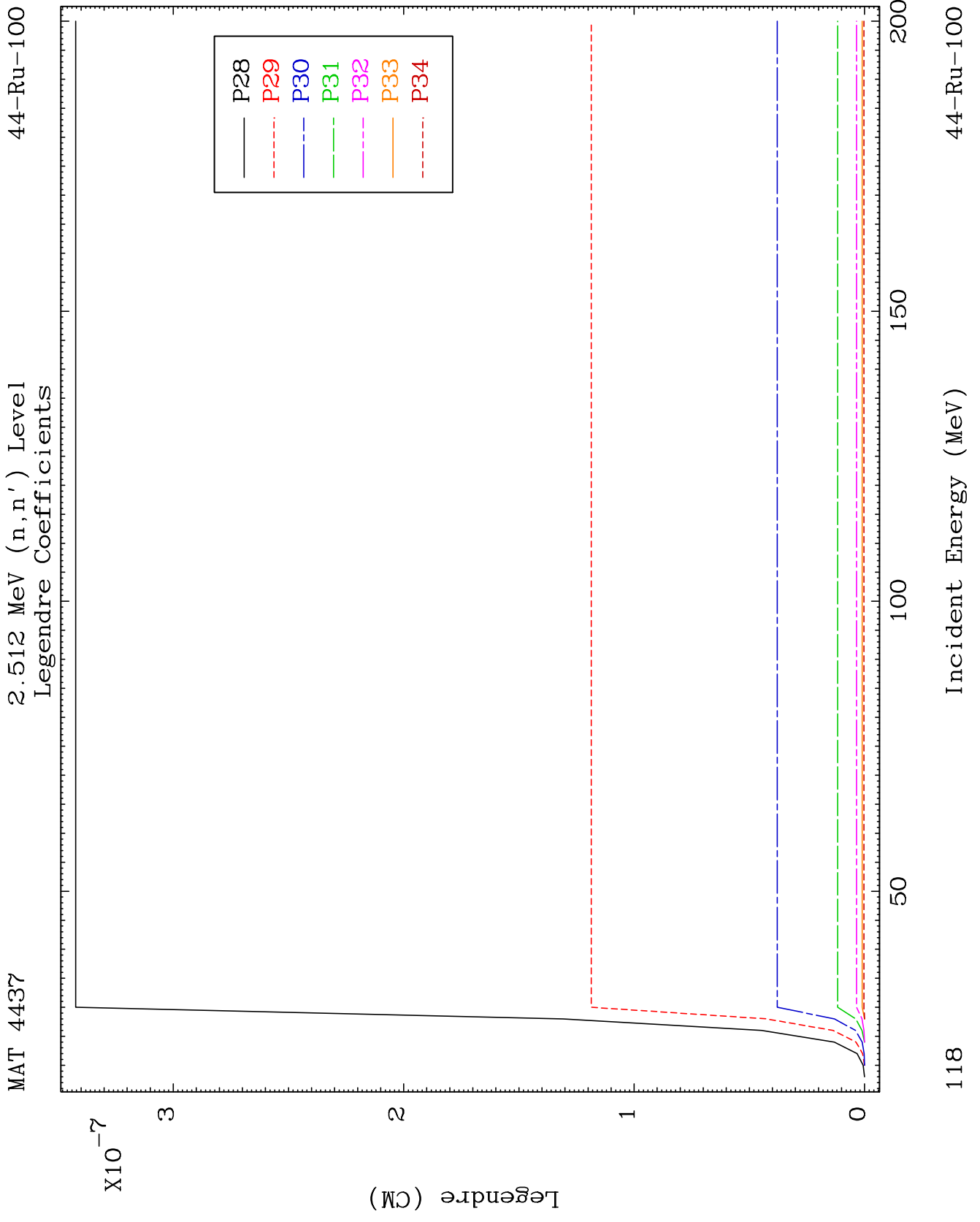


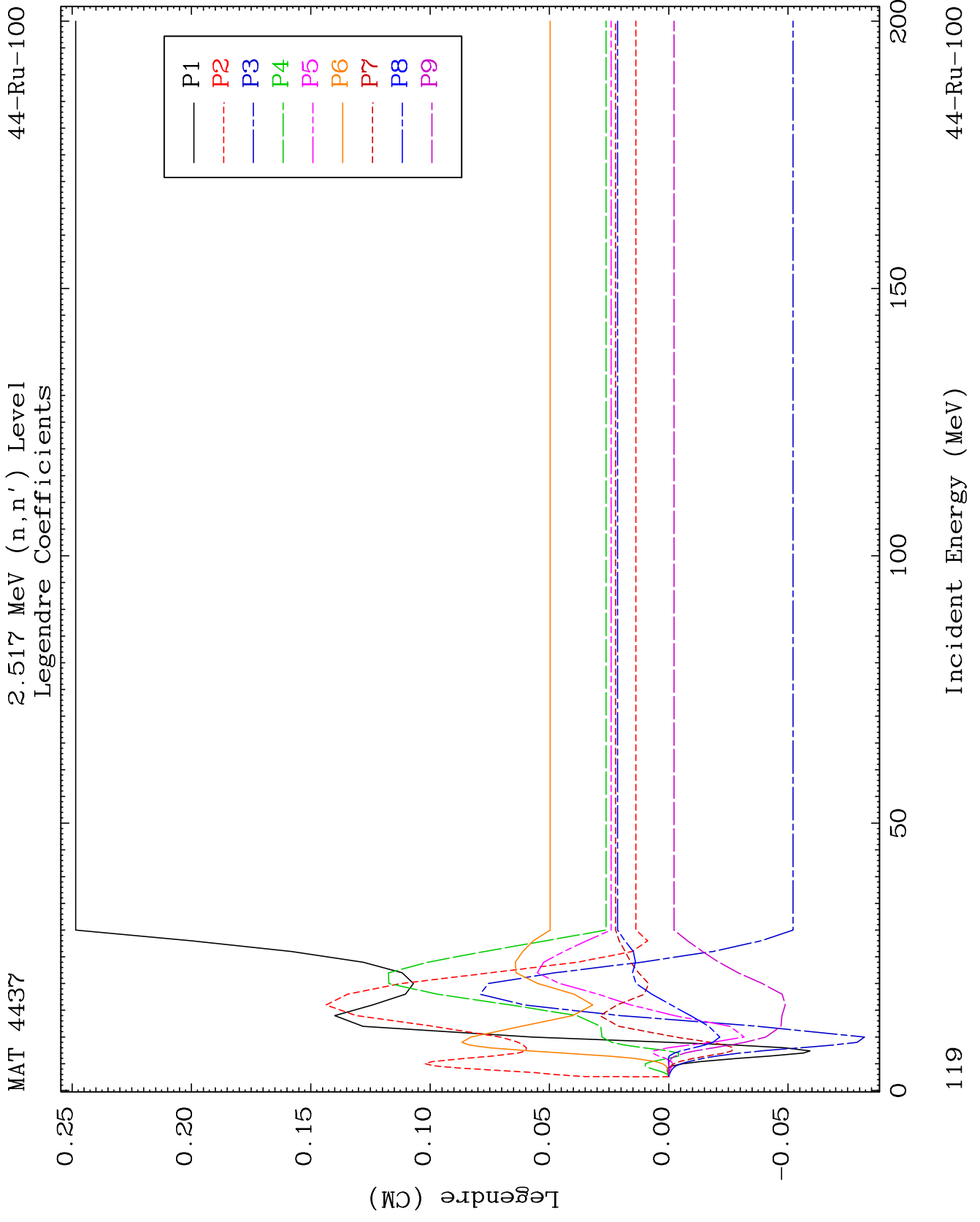
116

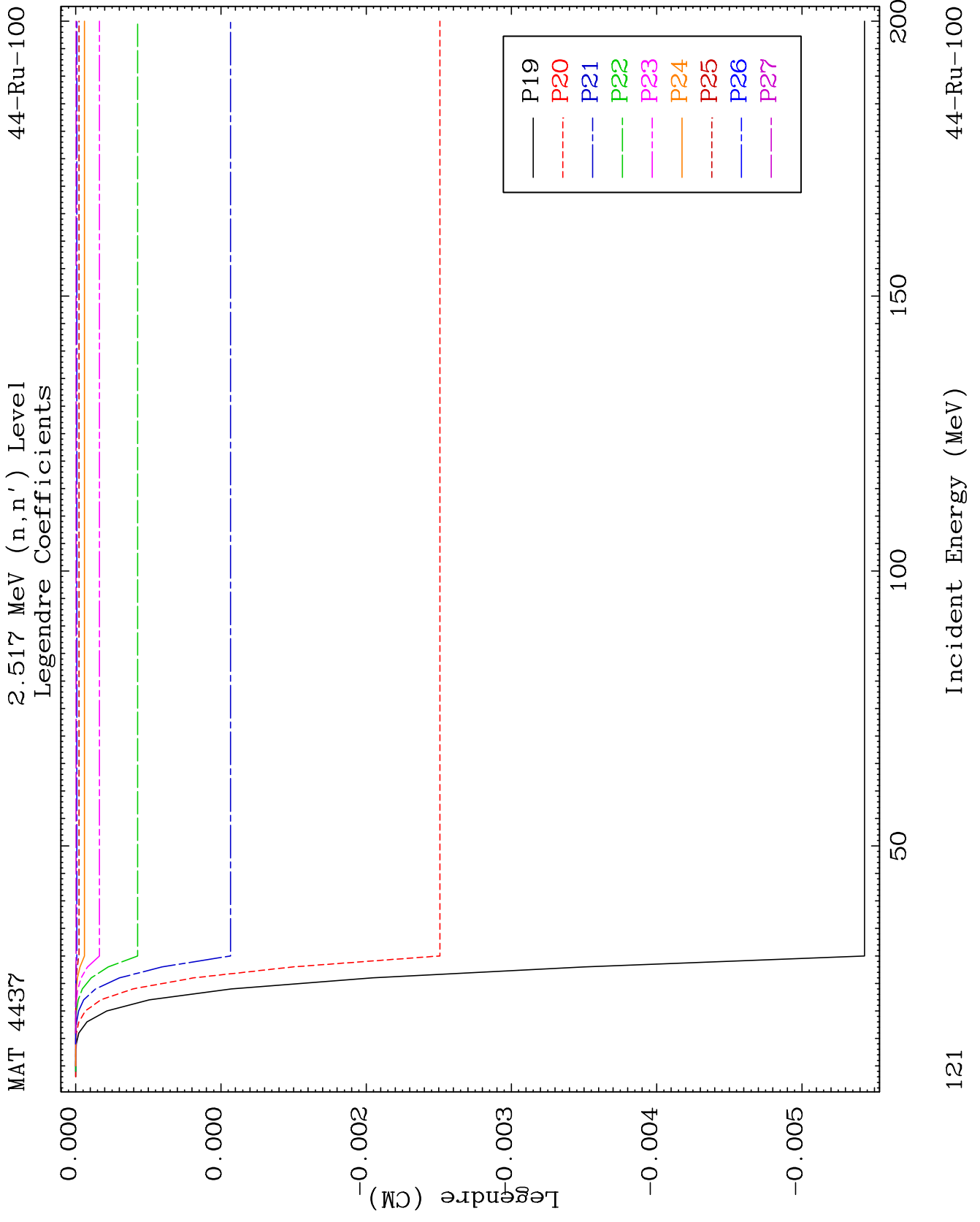
Incident Energy (MeV)

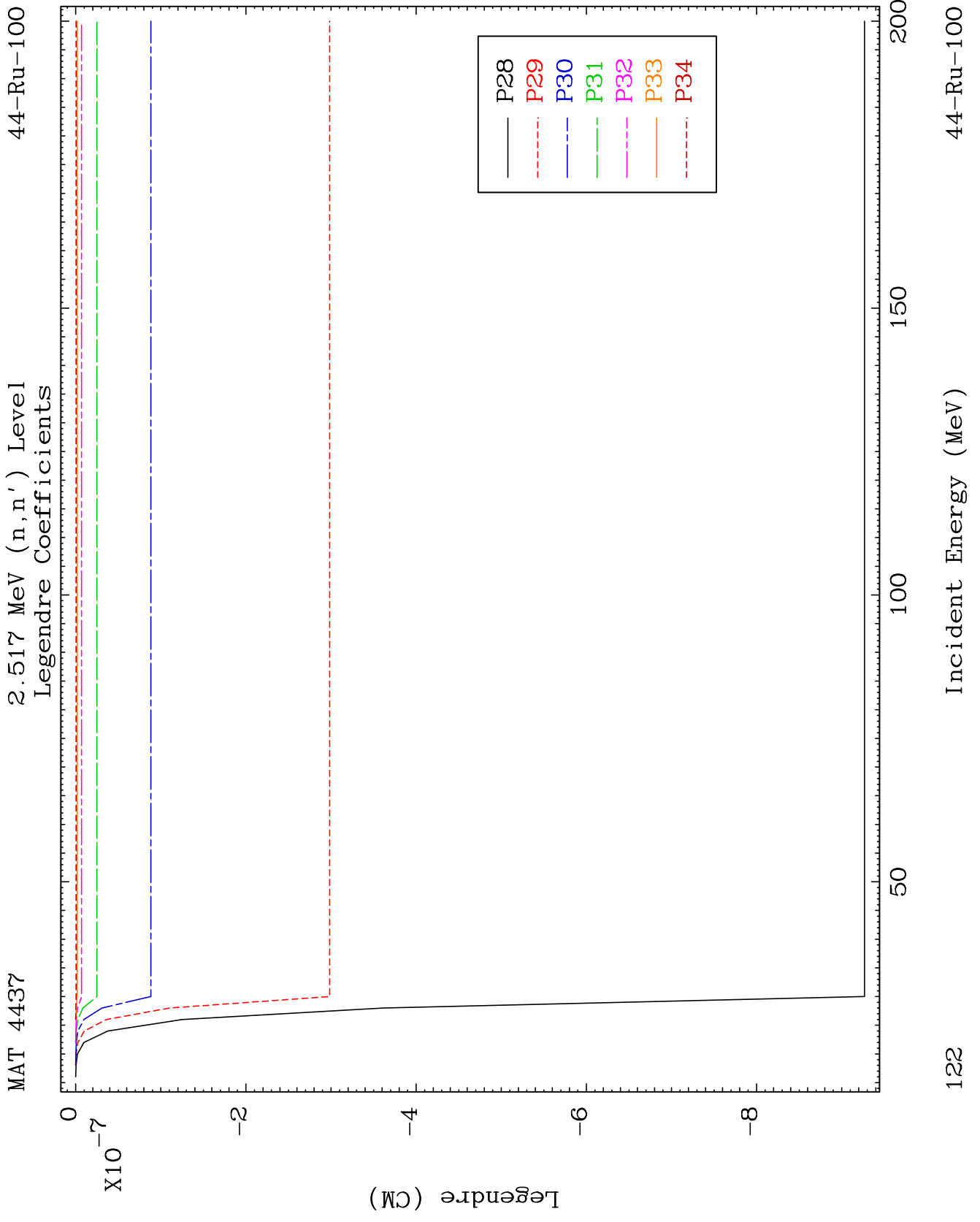
44-Ru-100

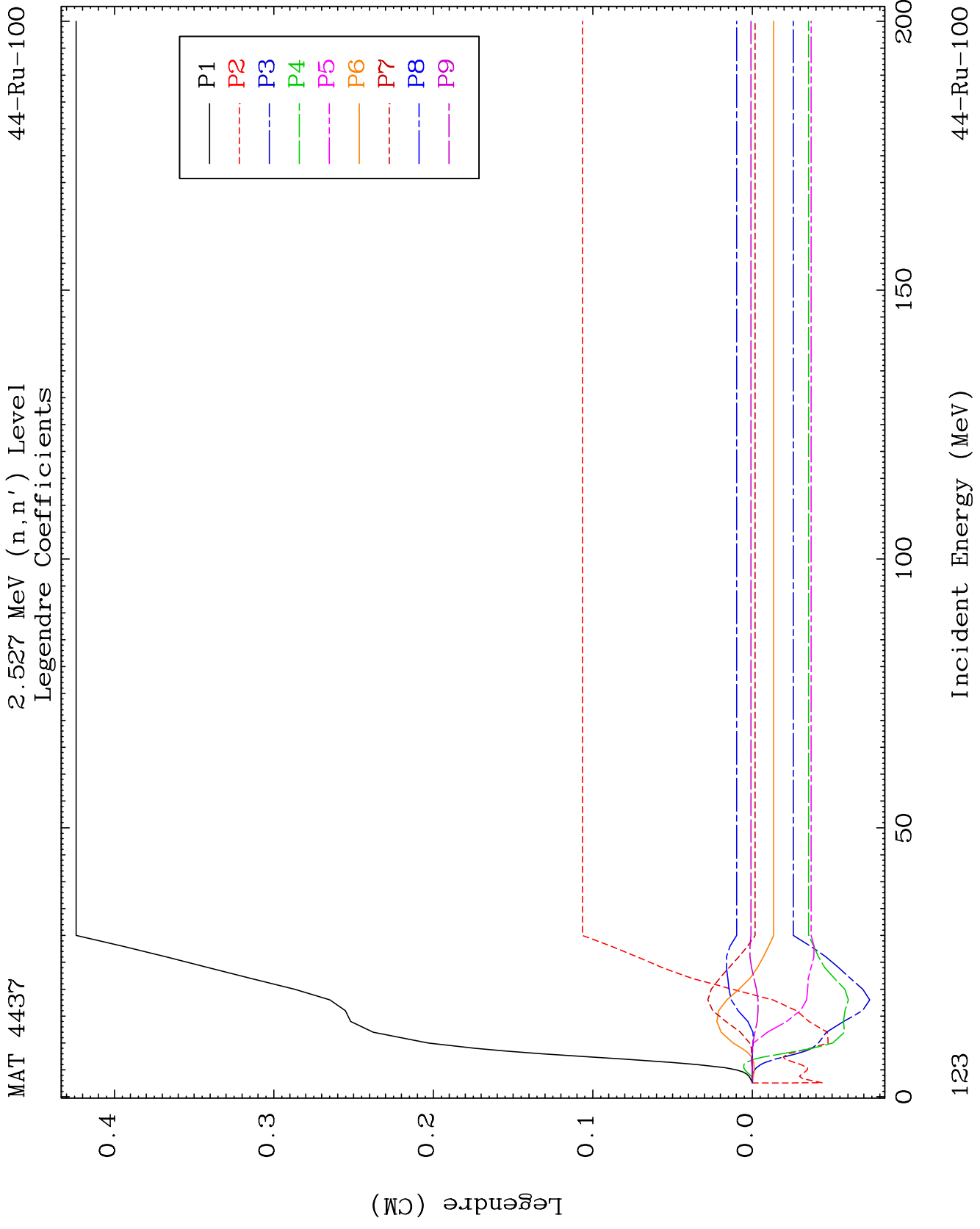


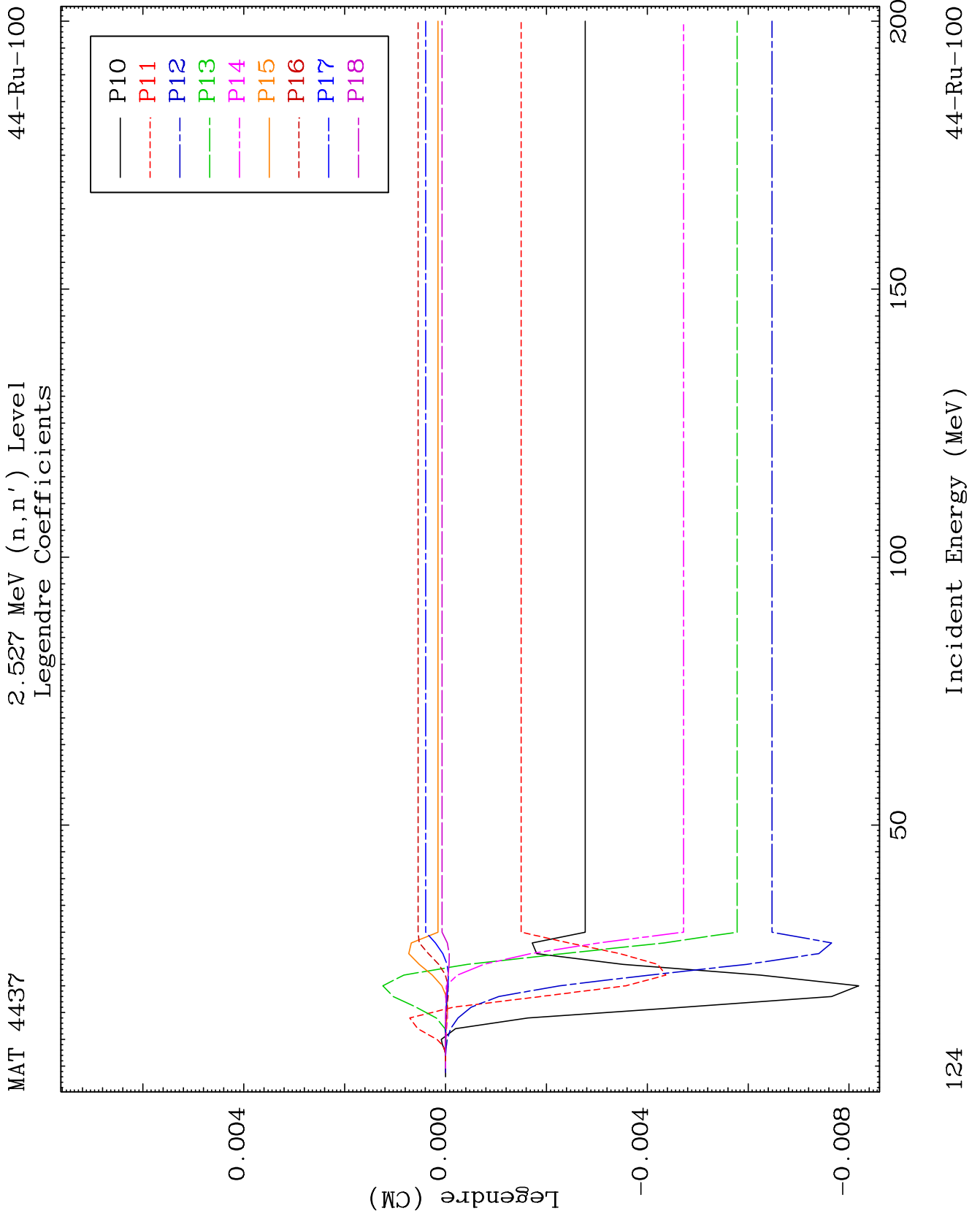








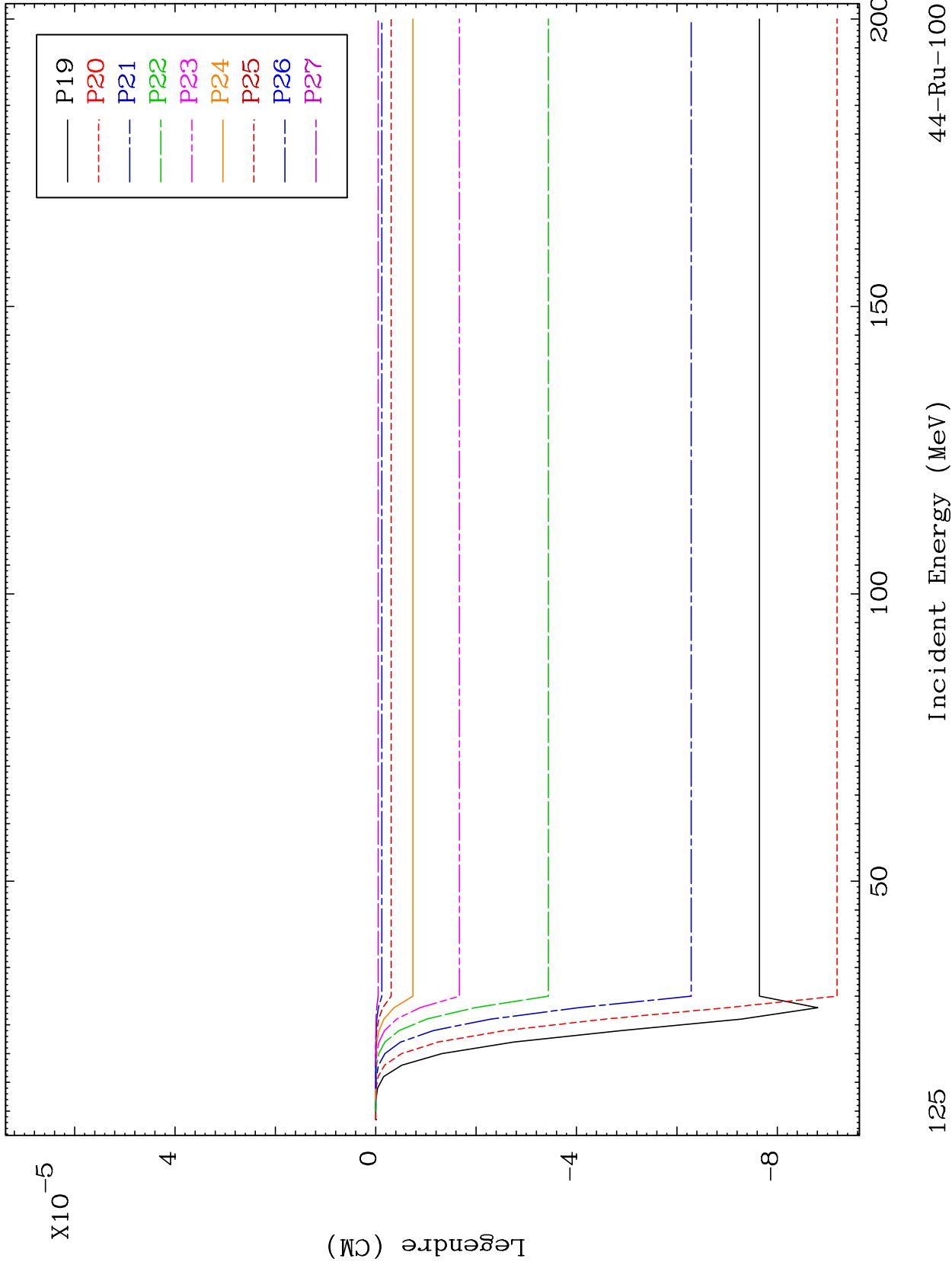




MAT 4437

2.527 MeV (n,n') Level
Legendre Coefficients

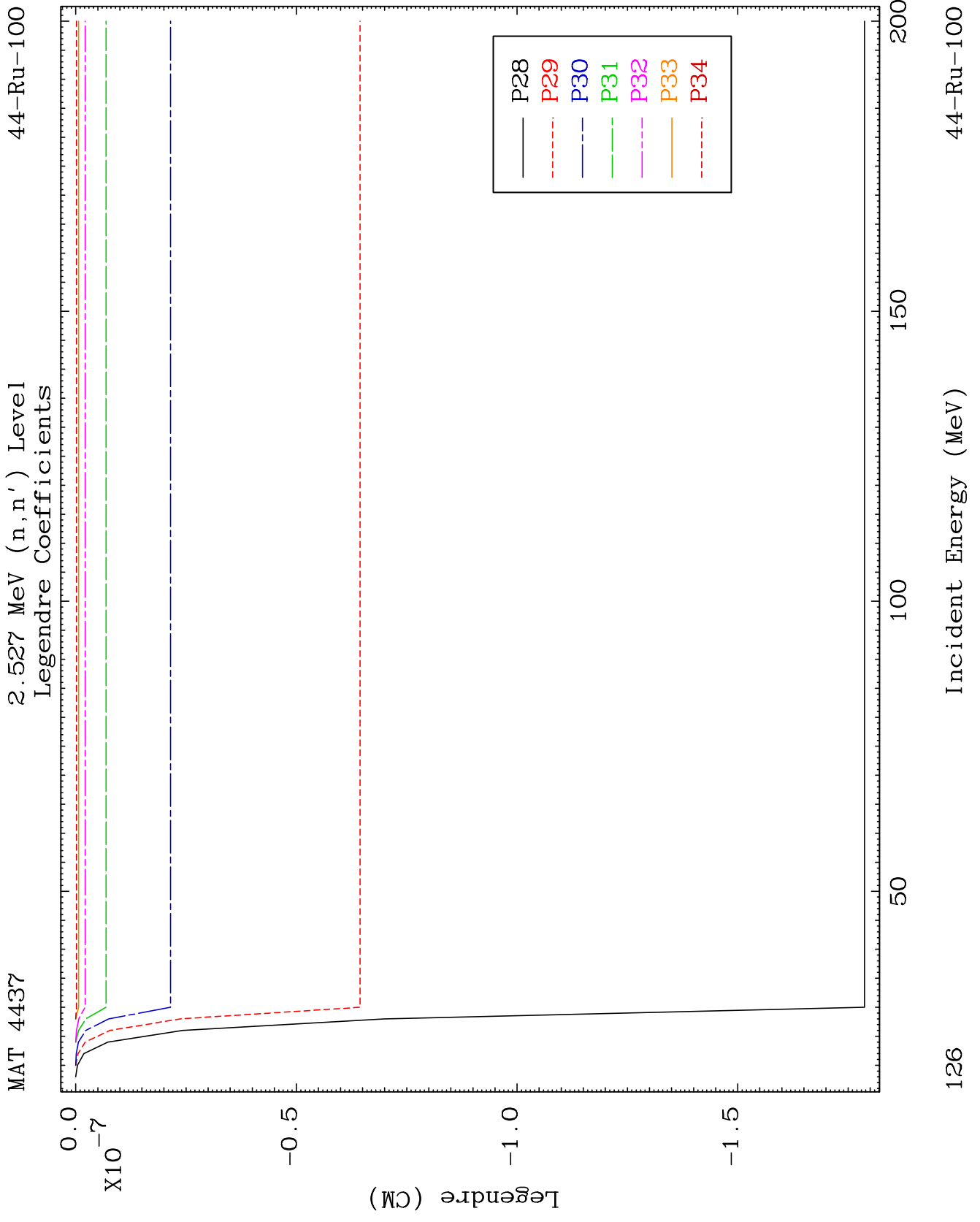
44-Ru-100

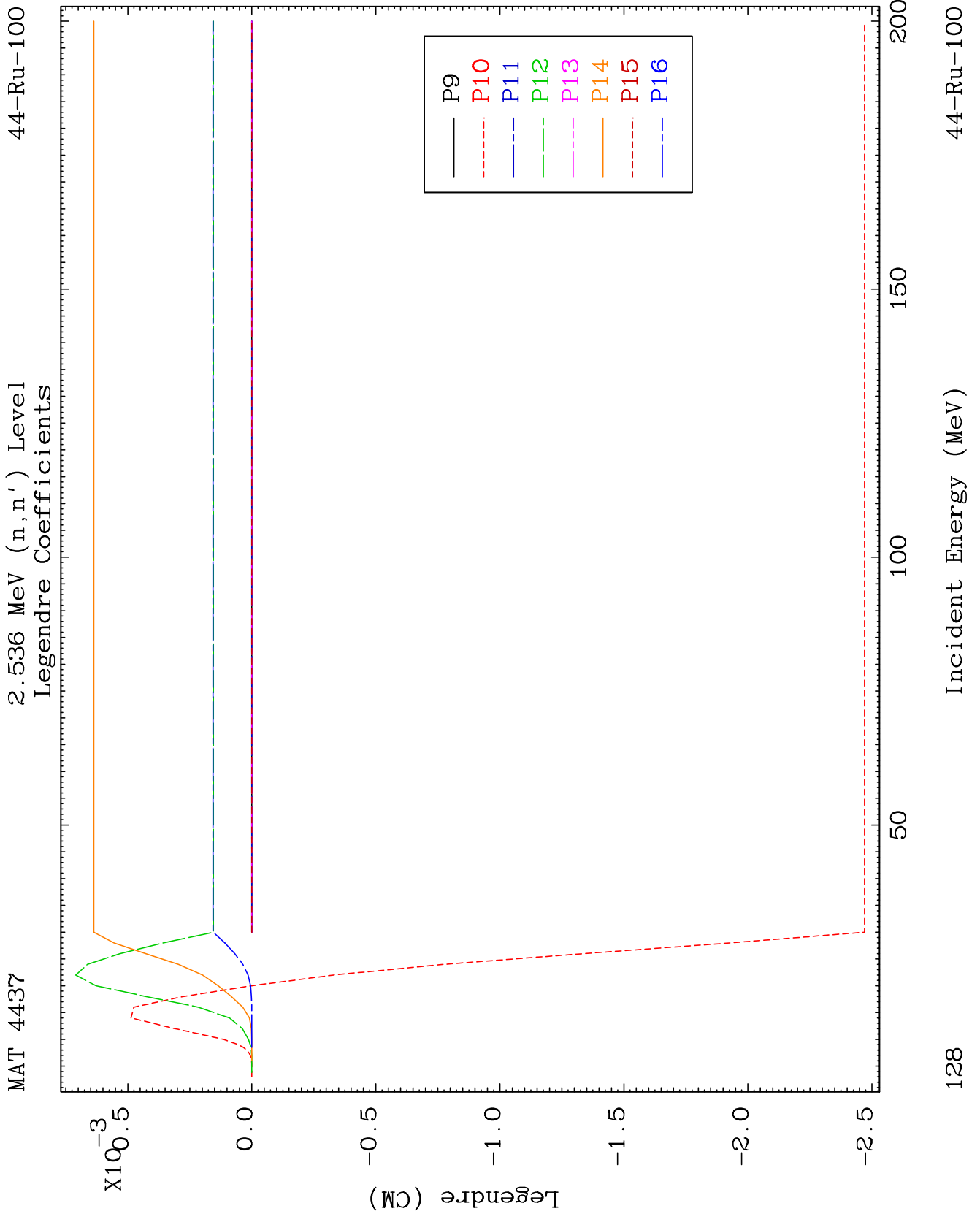


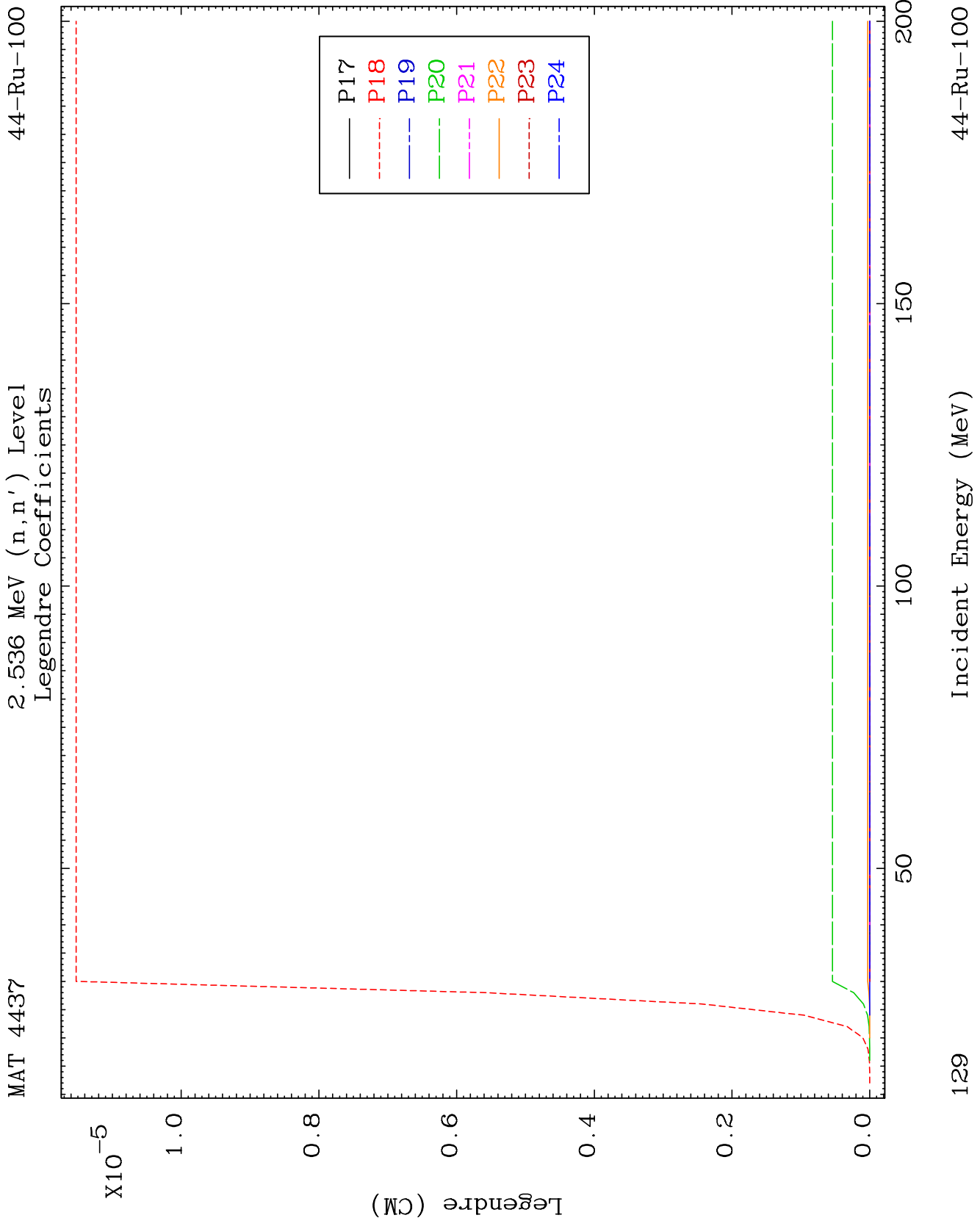
125

Incident Energy (MeV)

44-Ru-100





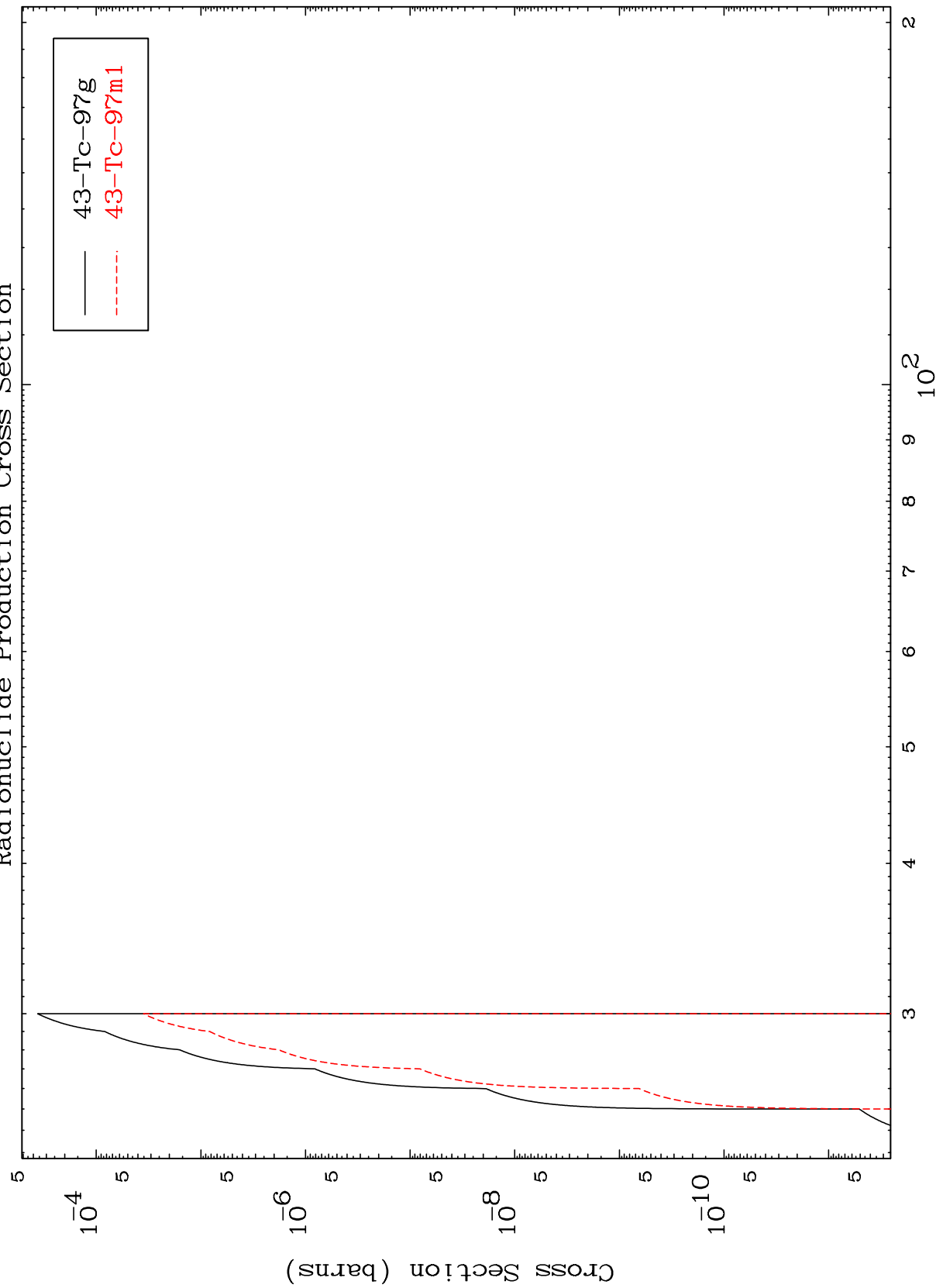


MAT 4437

(n,2n) d

44-Ru-100

Radionuclide Production Cross Section



130

Incident Energy (MeV)

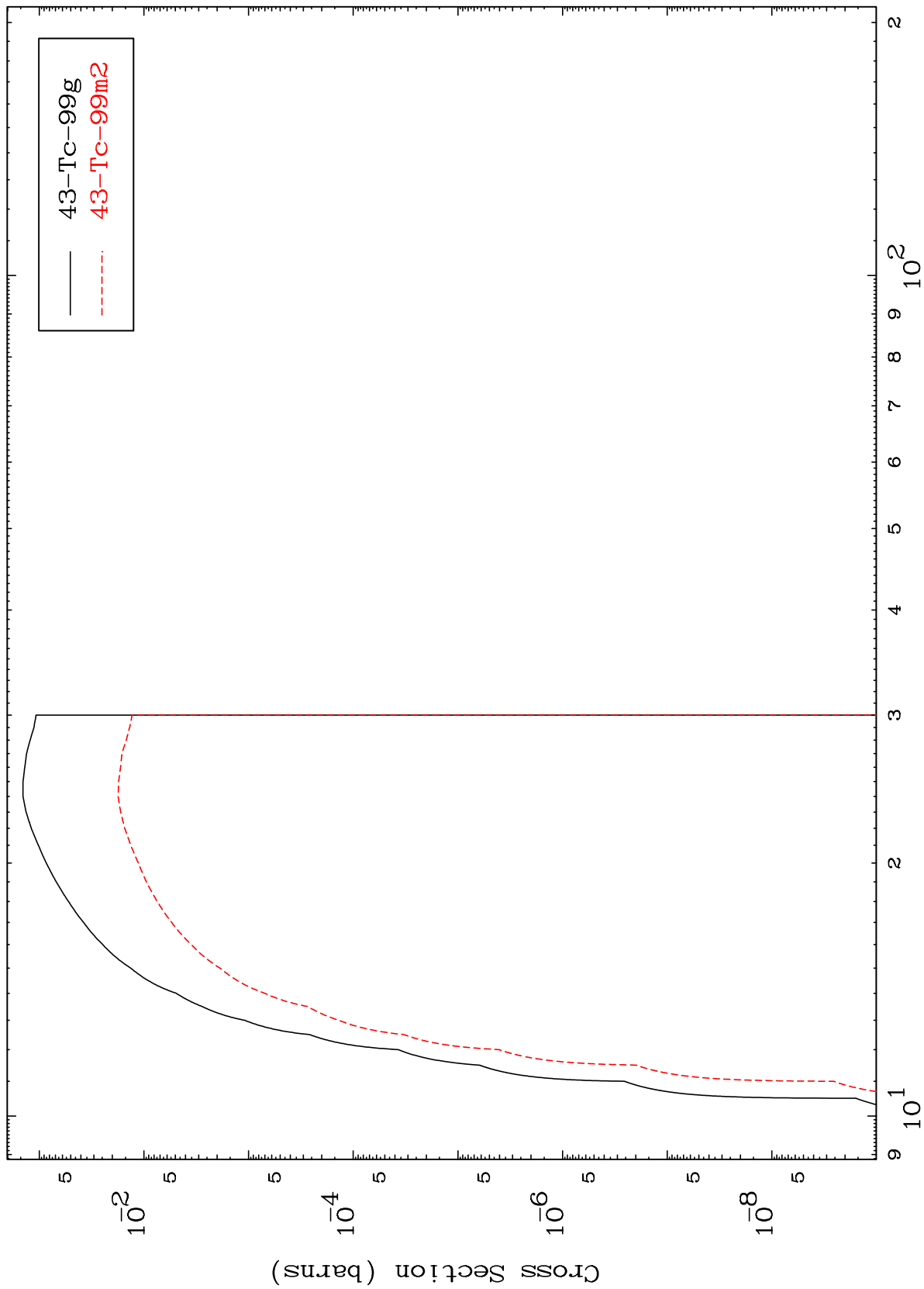
44-Ru-100

MAT 4437

(n,n') p

44-Ru-100

Radionuclide Production Cross Section

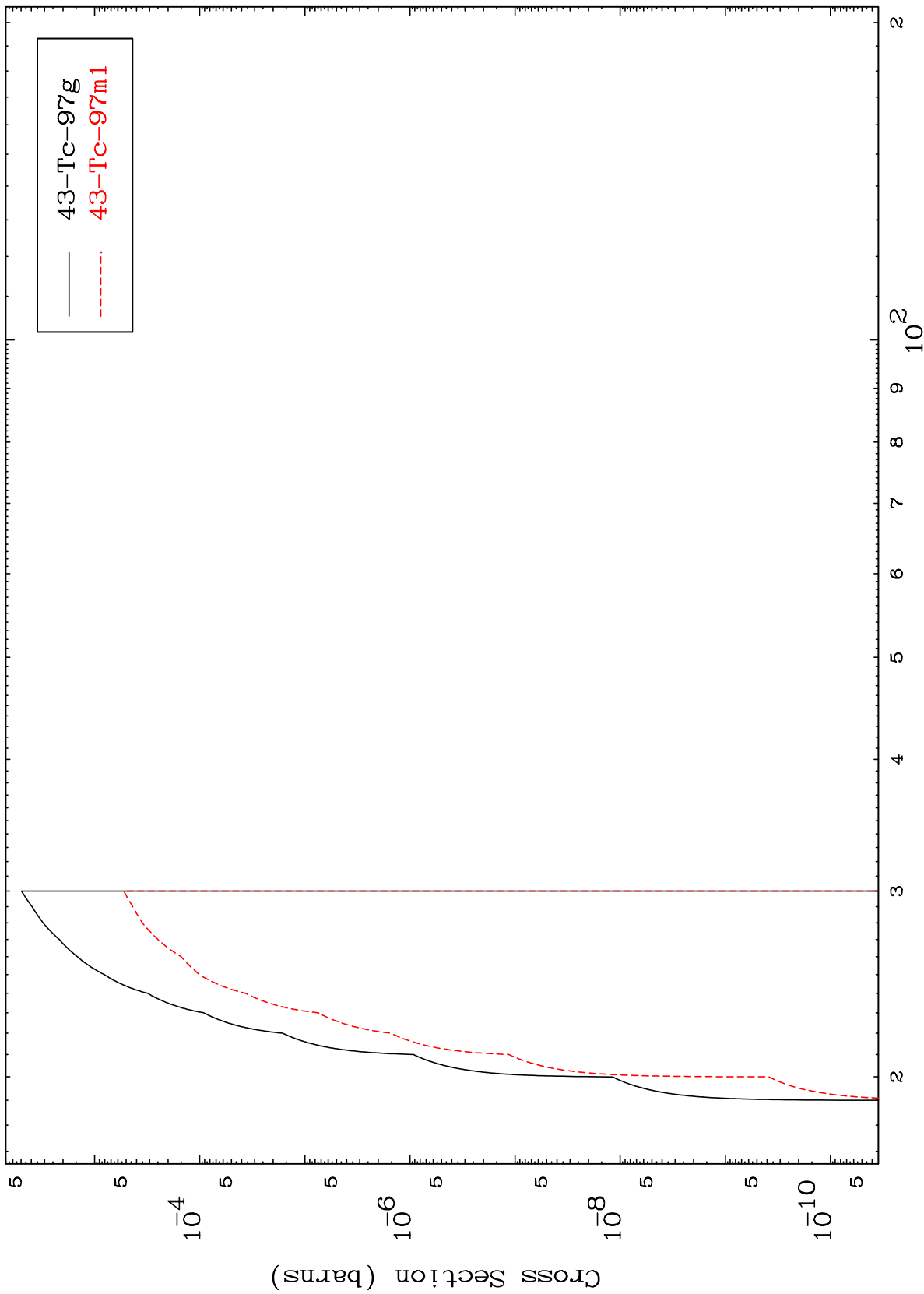


131

Incident Energy (MeV)

44-Ru-100

Radionuclide Production Cross Section

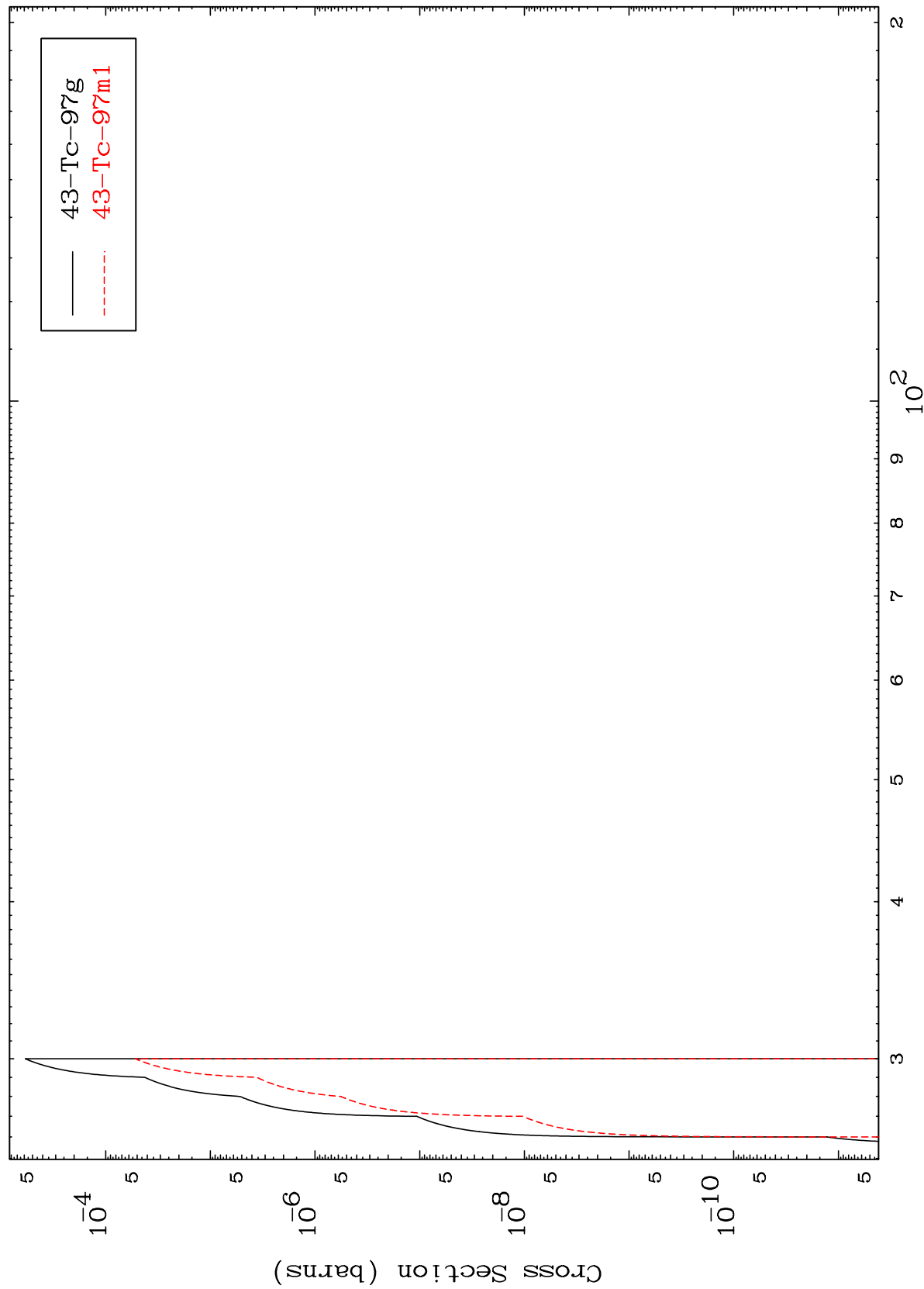


MAT 4437

(n,3n) p

44-Ru-100

Radionuclide Production Cross Section



133

Incident Energy (MeV)

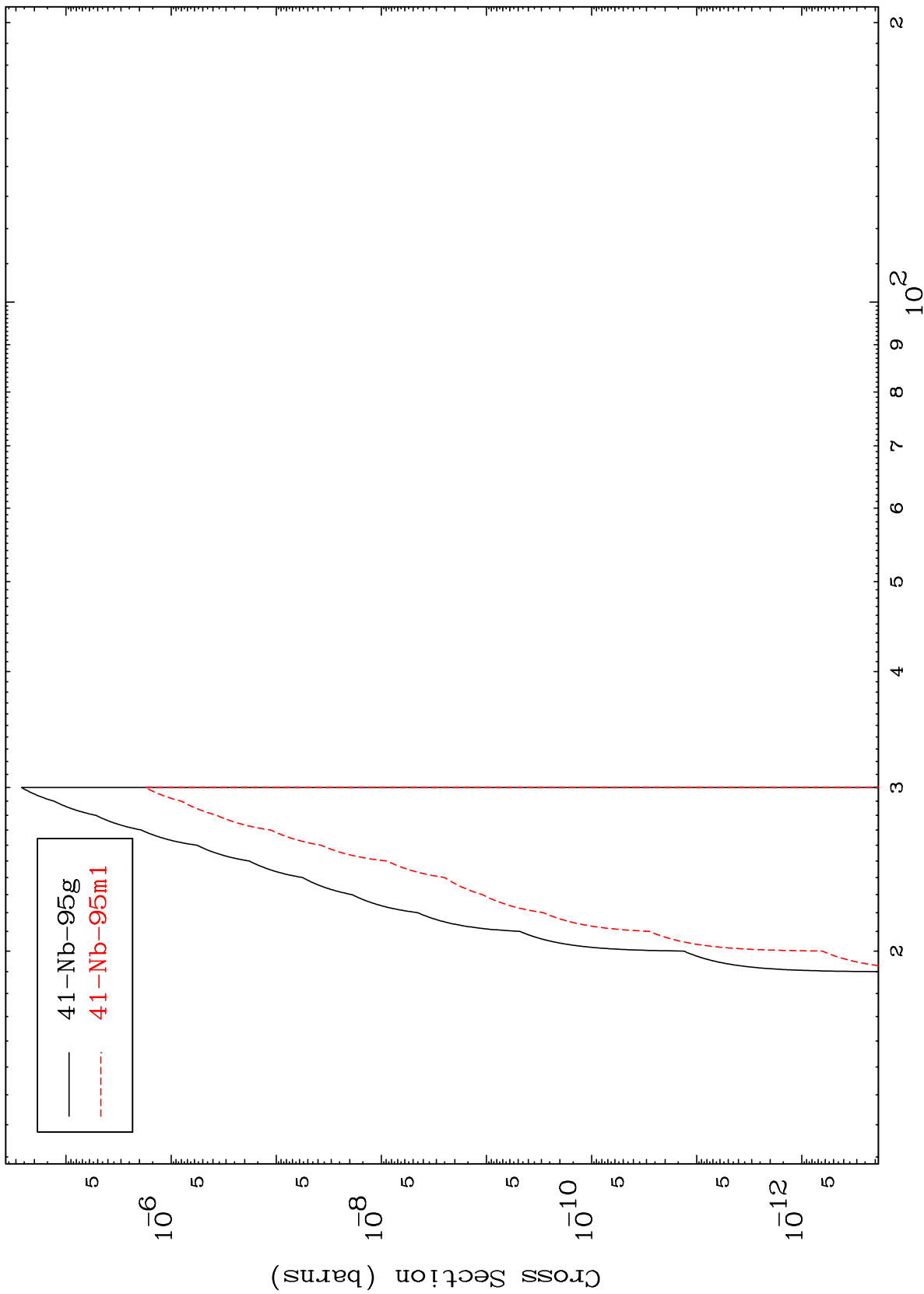
44-Ru-100

MAT 4437

(n,n') p α

44-Ru-100

Radionuclide Production Cross Section



134

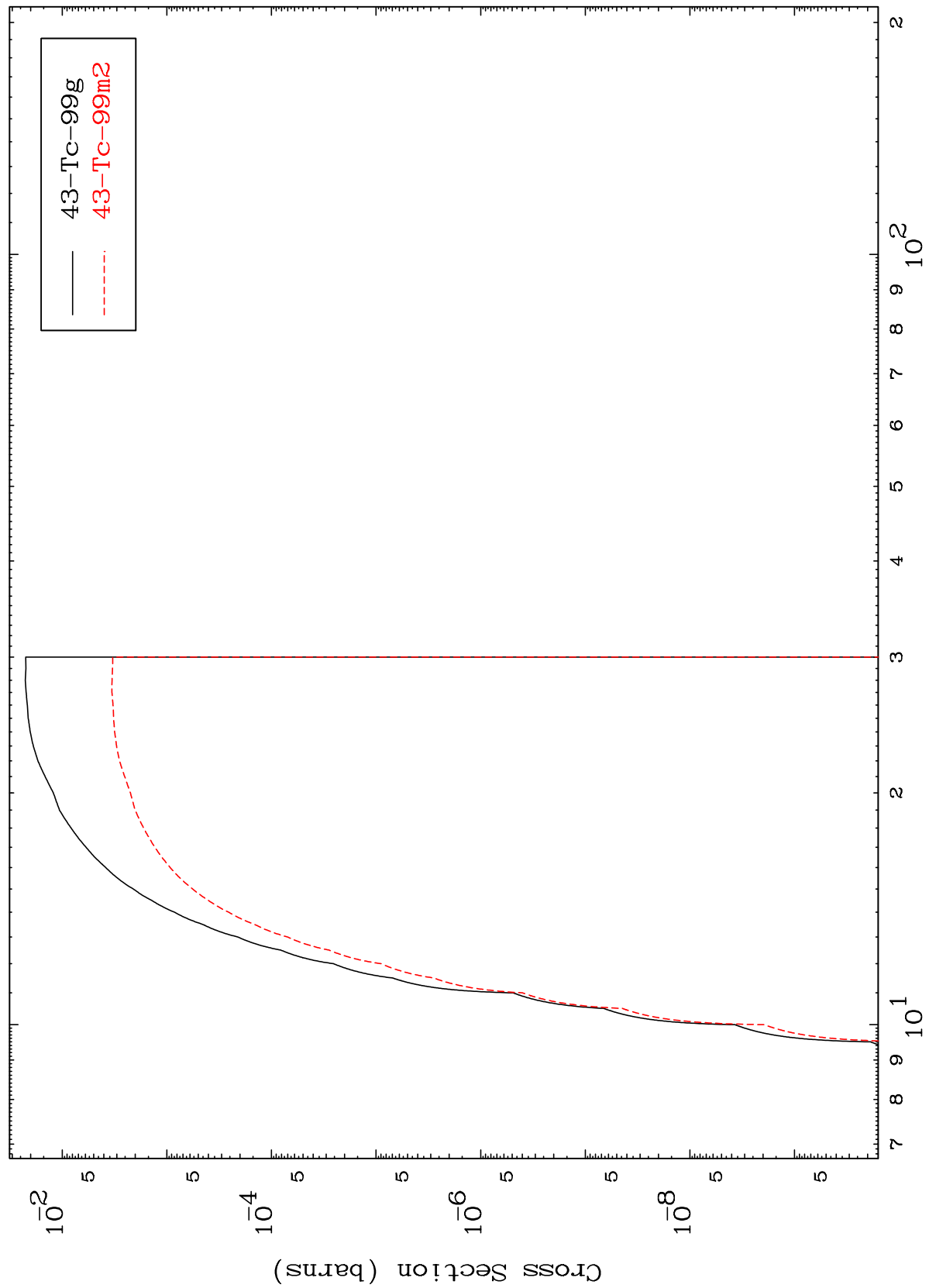
Incident Energy (MeV)

44-Ru-100

MAT 4437

44-Ru-100

(n,d)
Radionuclide Production Cross Section



135

Incident Energy (MeV)

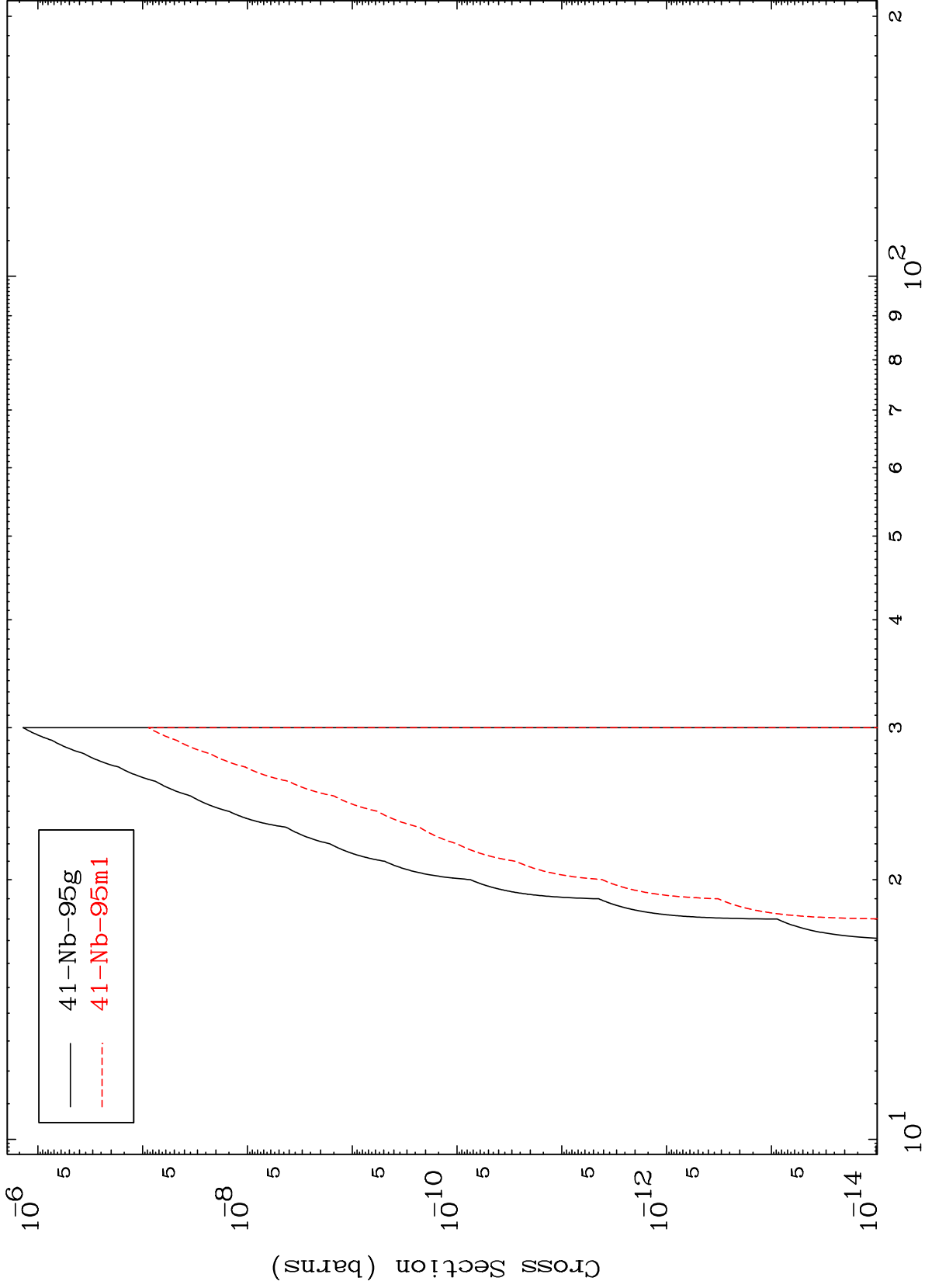
44-Ru-100

MAT 4437

(n,d) α

44-Ru-100

Radionuclide Production Cross Section



136

Incident Energy (MeV)

44-Ru-100