

Program EVALPLOT
(Version 2015-2)

by

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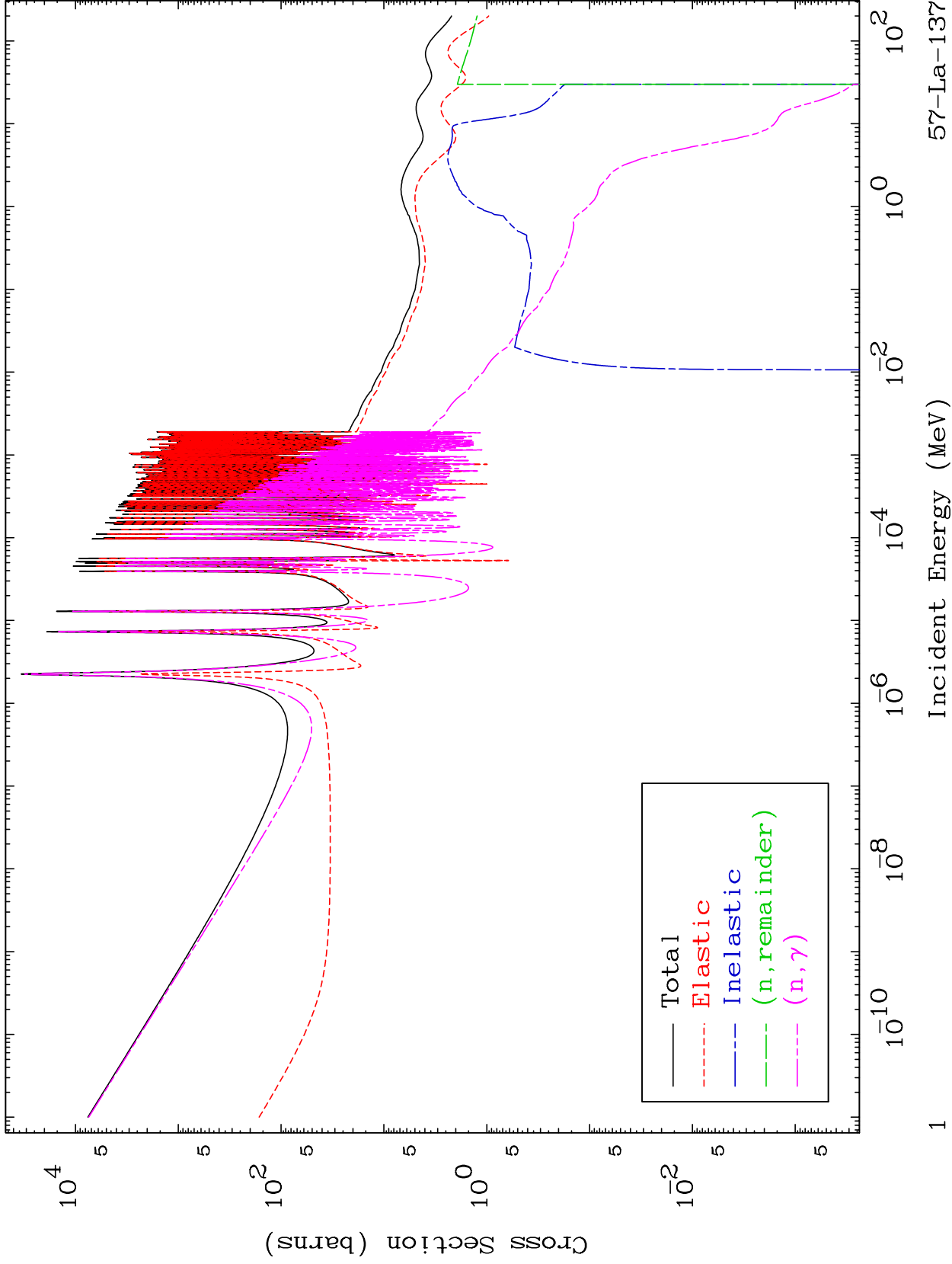
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

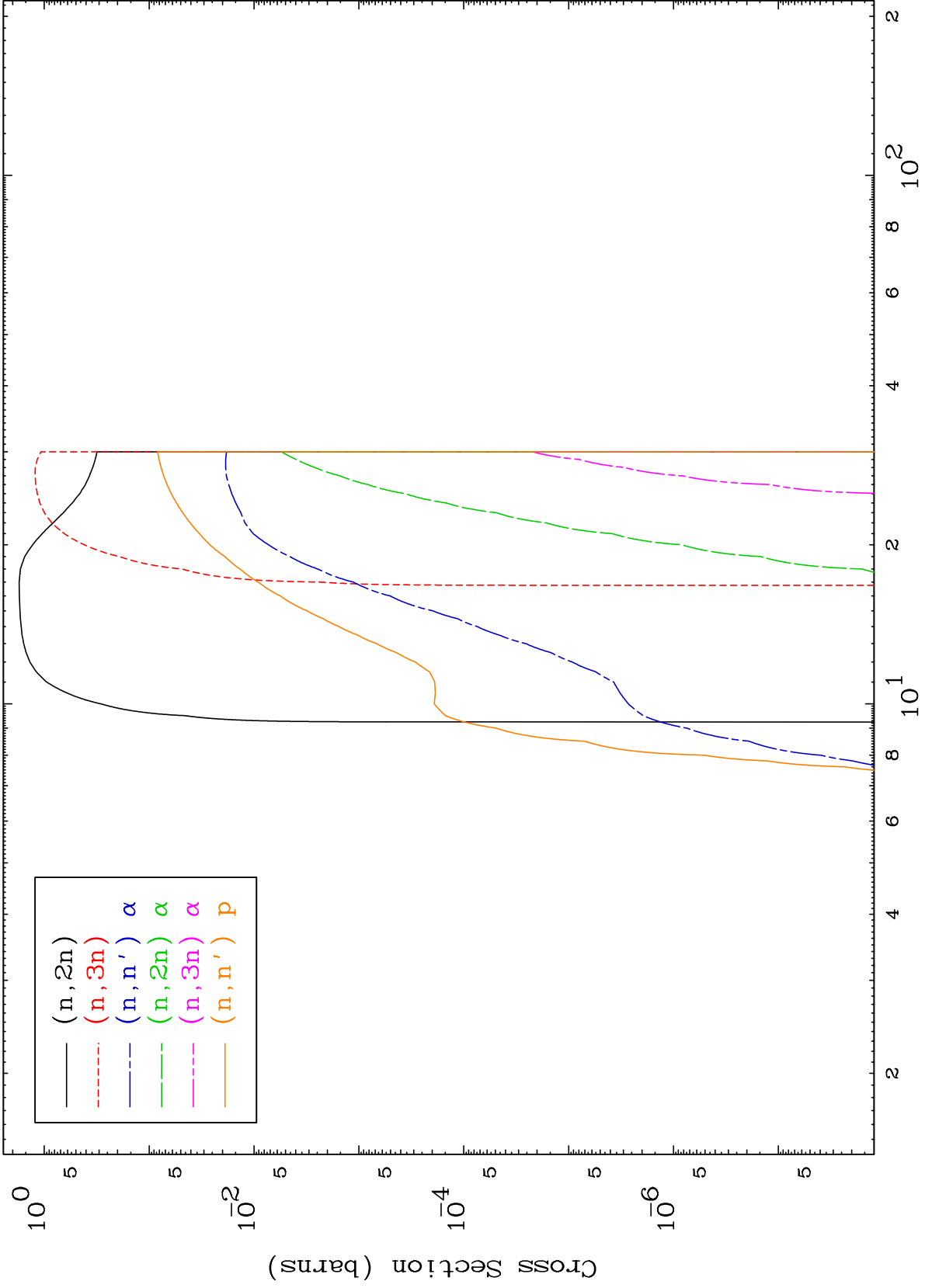
Press Mouse Button to Start

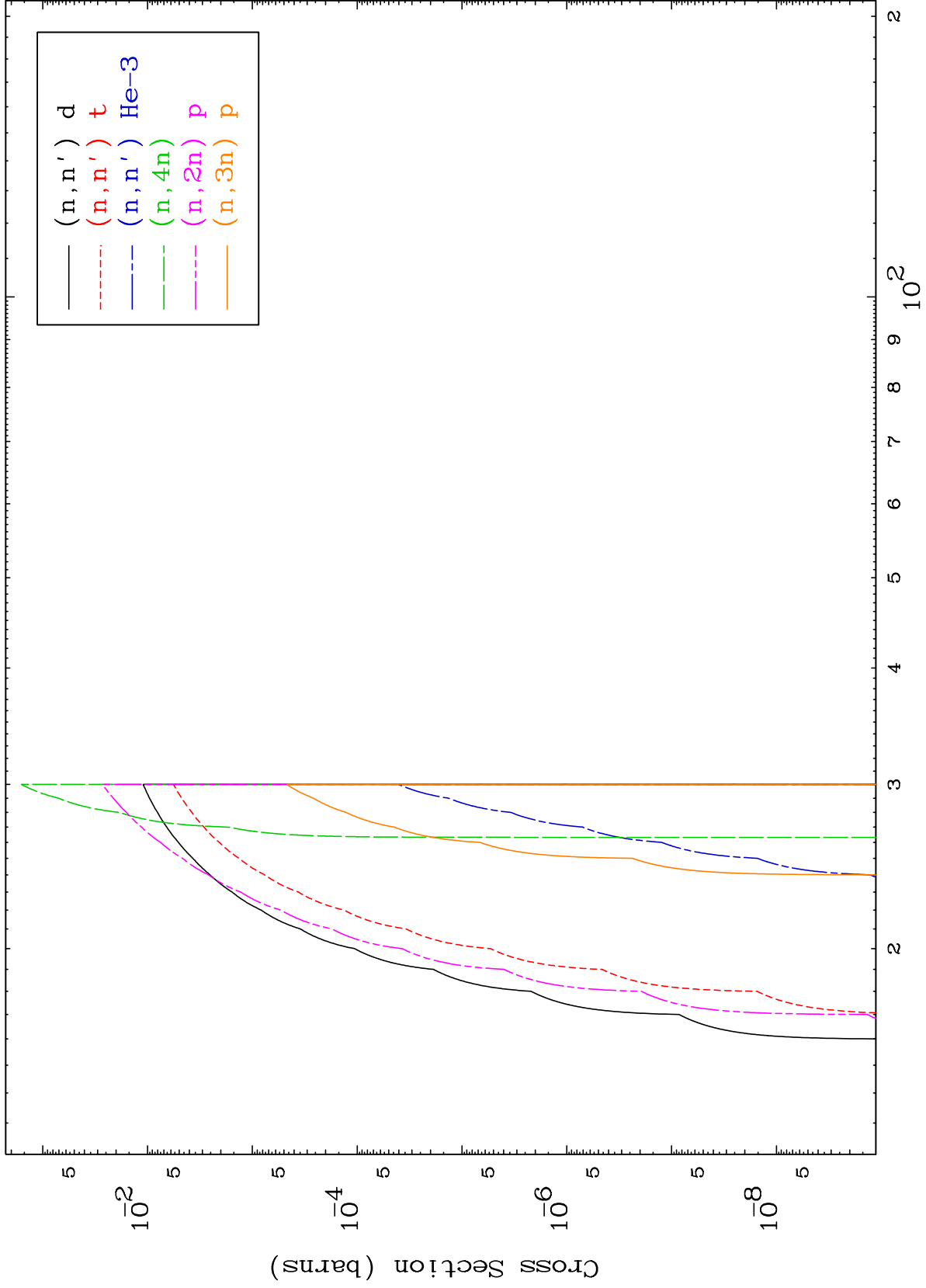
MAT 5722

Major
293 Kelvin Cross Sections

57-La-137



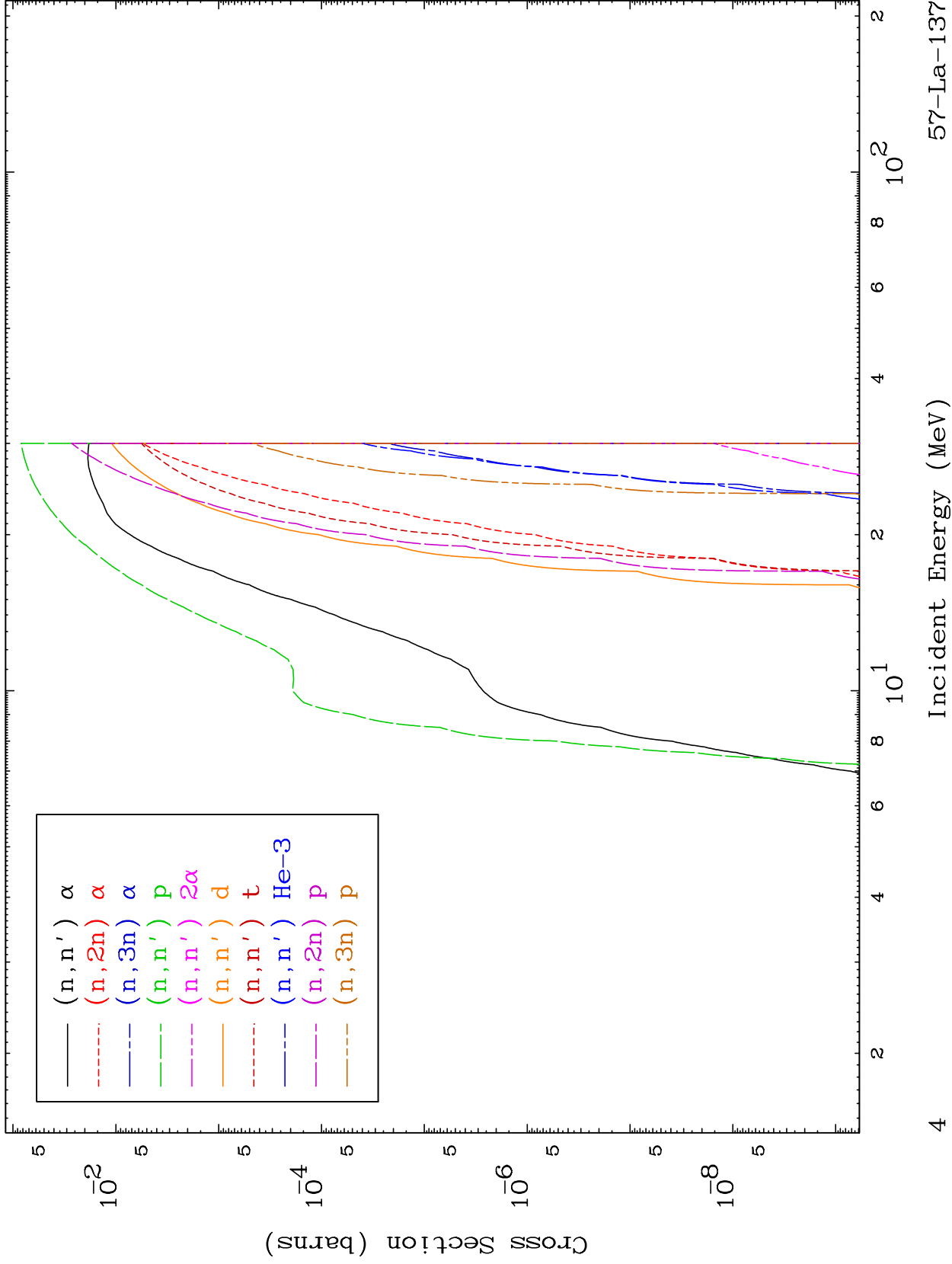


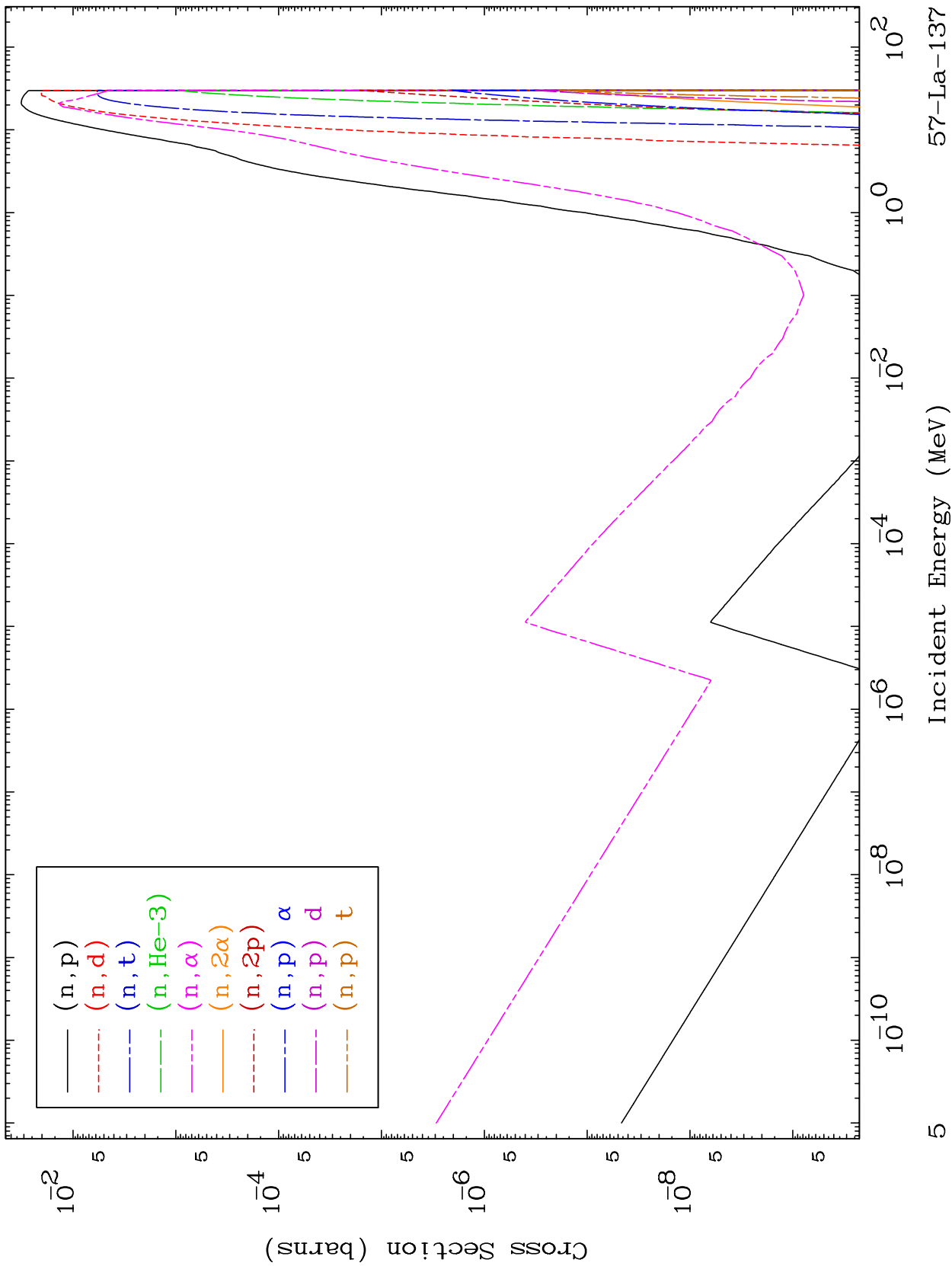


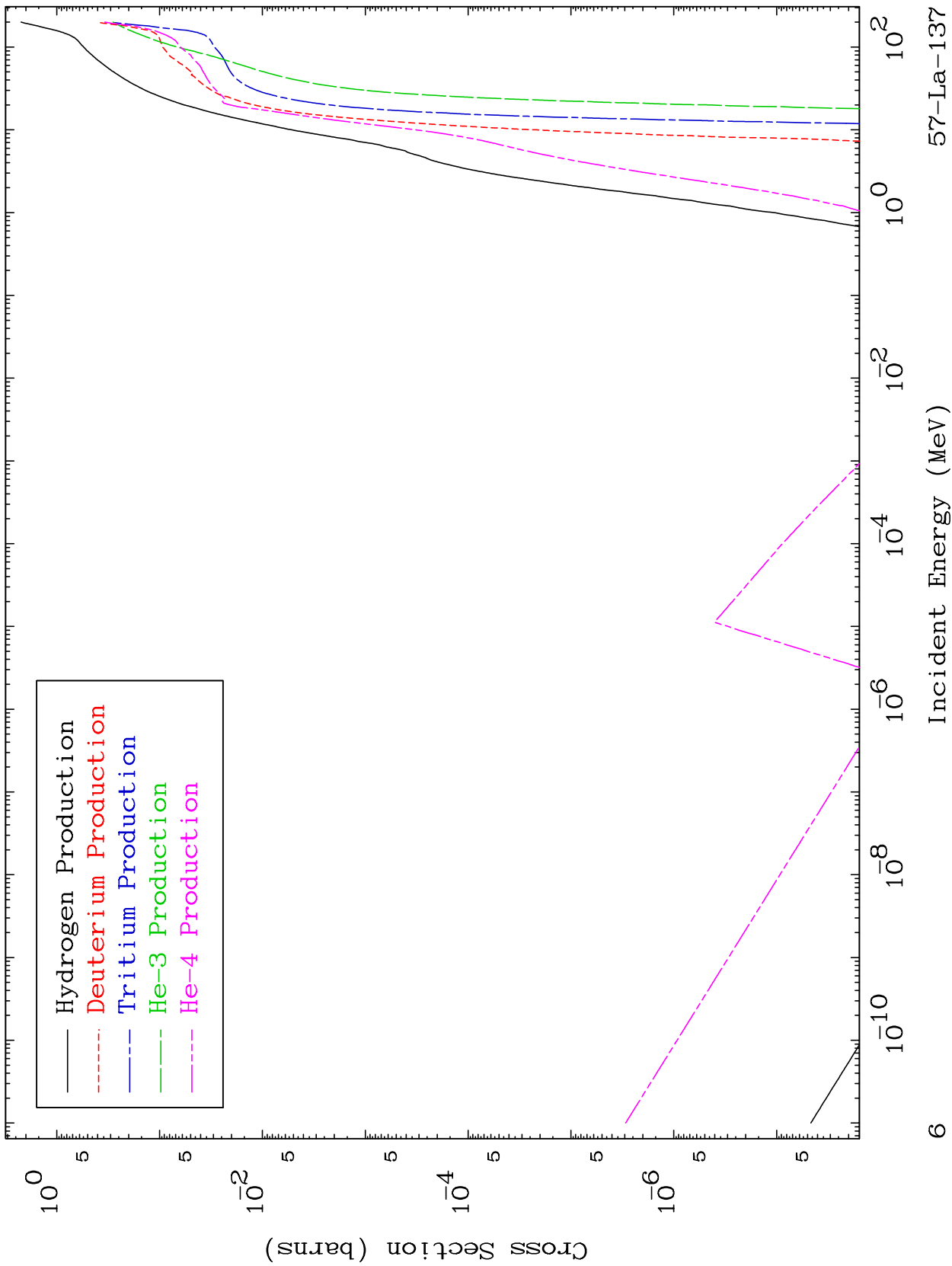
MAT 5722

Charged Particle
293 Kelvin Cross Sections

57-La-137



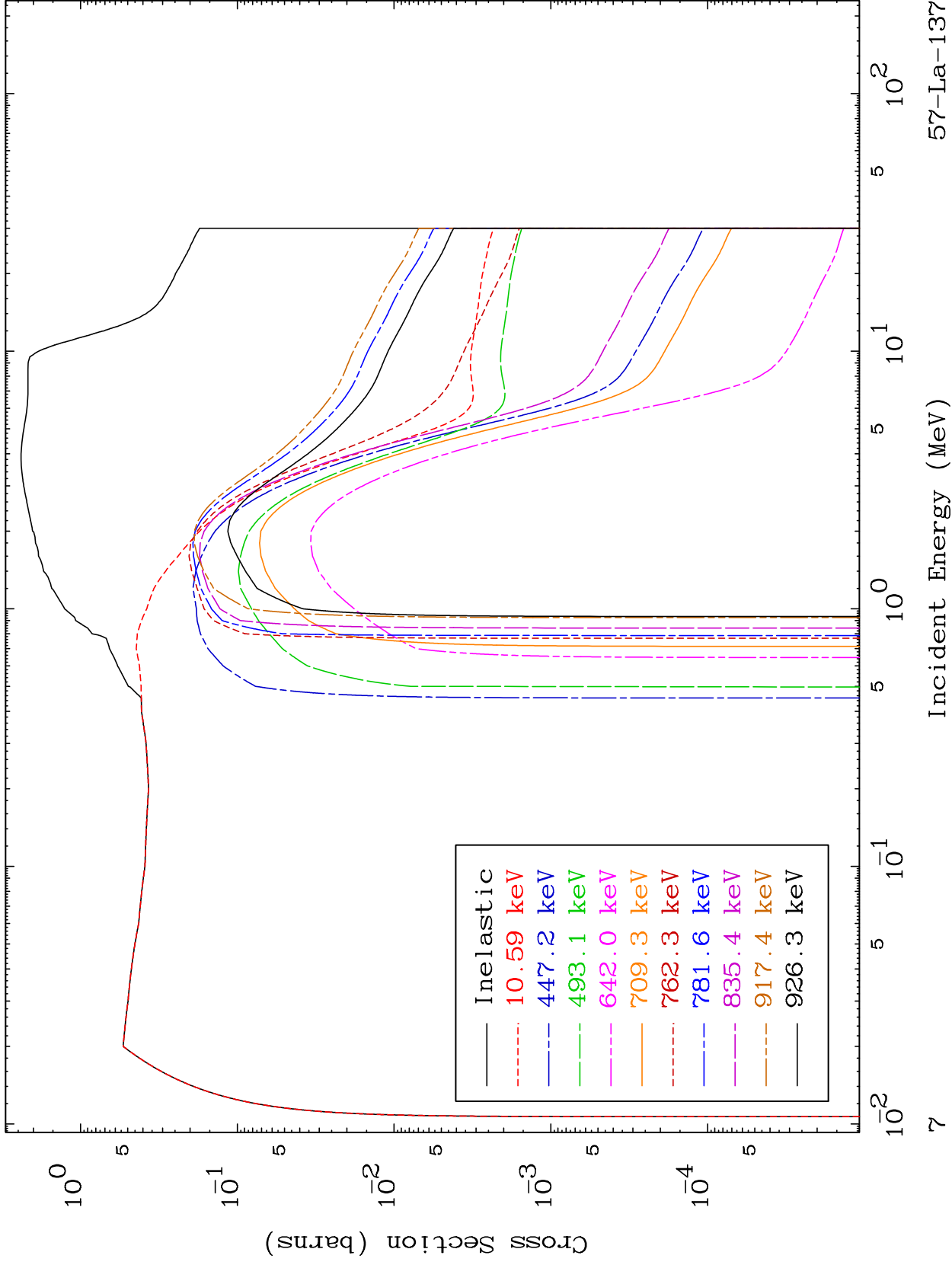




MAT 5722

(n,n') Level
293 Kelvin Cross Sections

57-La-137



57-La-137

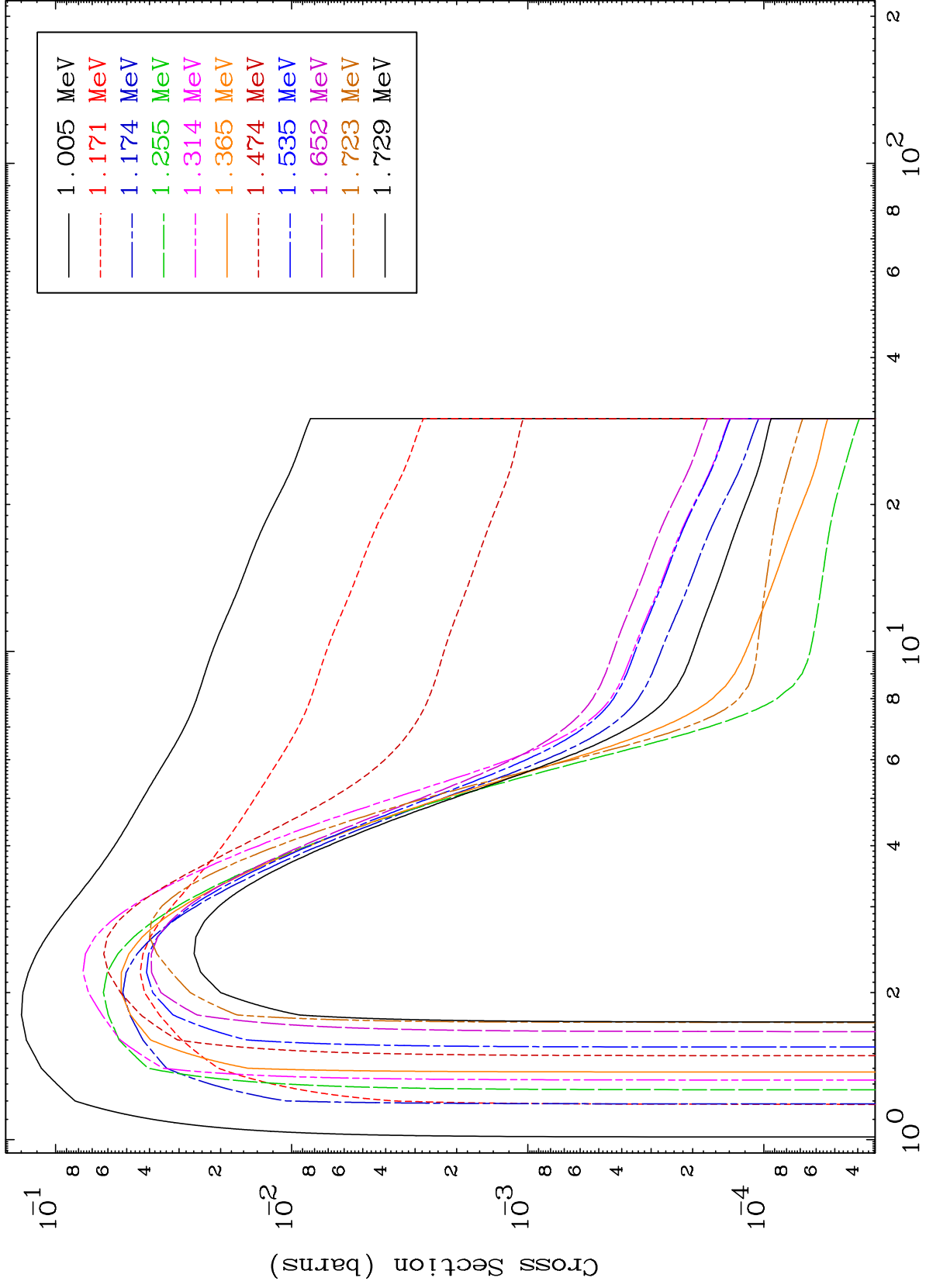
Incident Energy (MeV)

7

MAT 5722

(n,n') Level
293 Kelvin Cross Sections

57-La-137



Incident Energy (MeV)

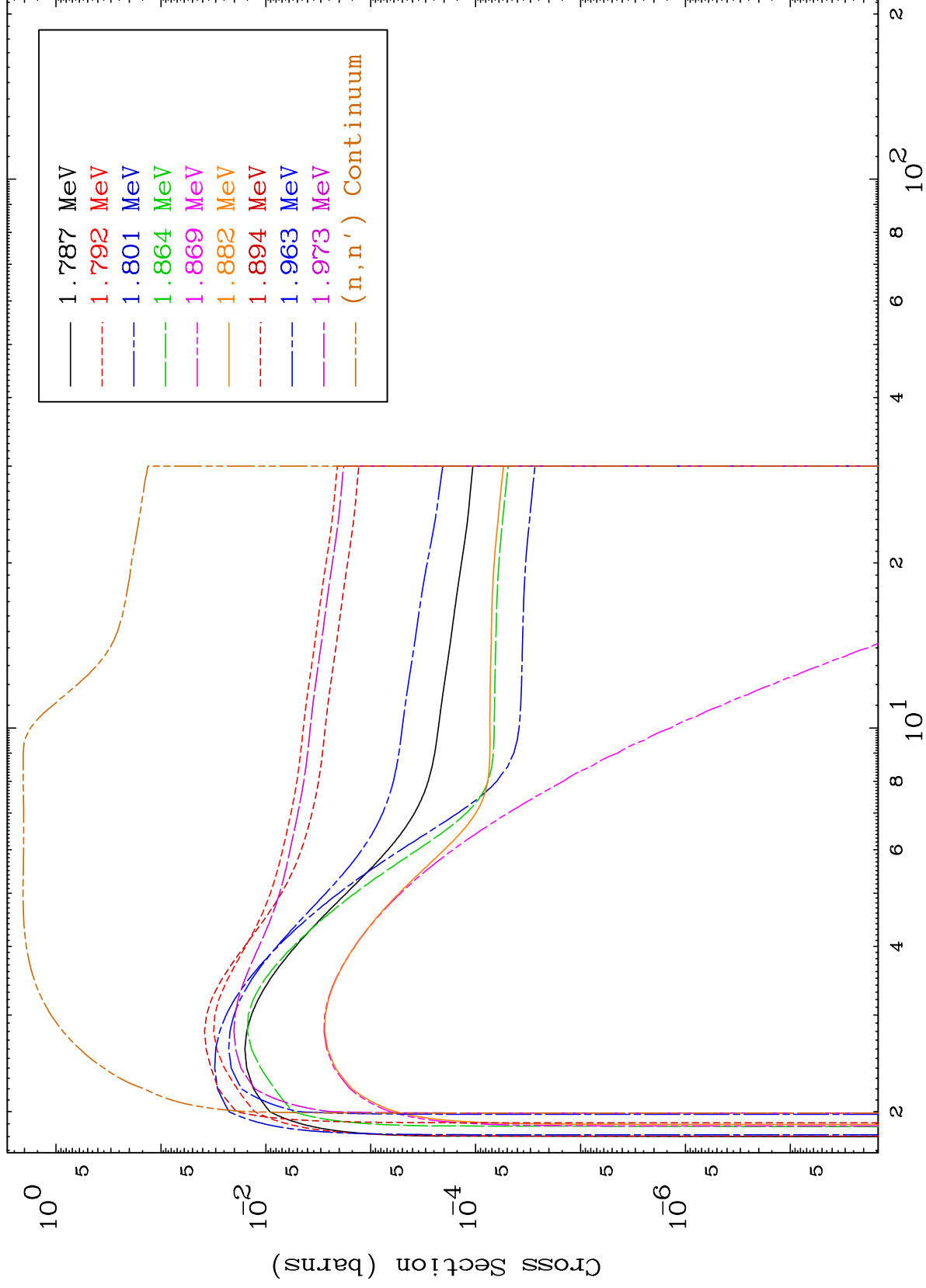
57-La-137

MAT 5722

(n,n') Level

57-La-137

293 Kelvin Cross Sections



9

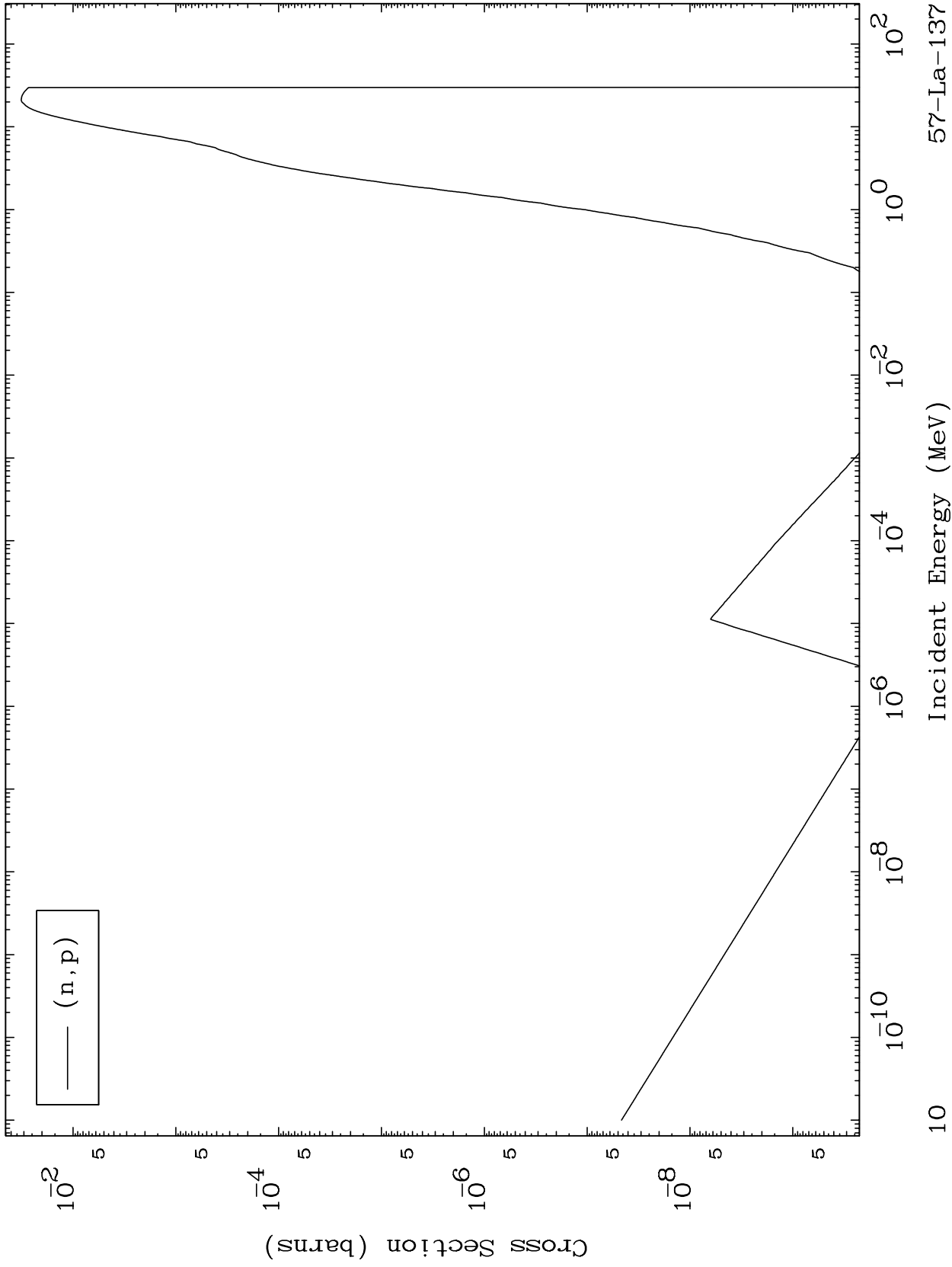
Incident Energy (MeV)

57-La-137

MAT 5722

(n,p) Levels
293 Kelvin Cross Sections

57-La-137



10

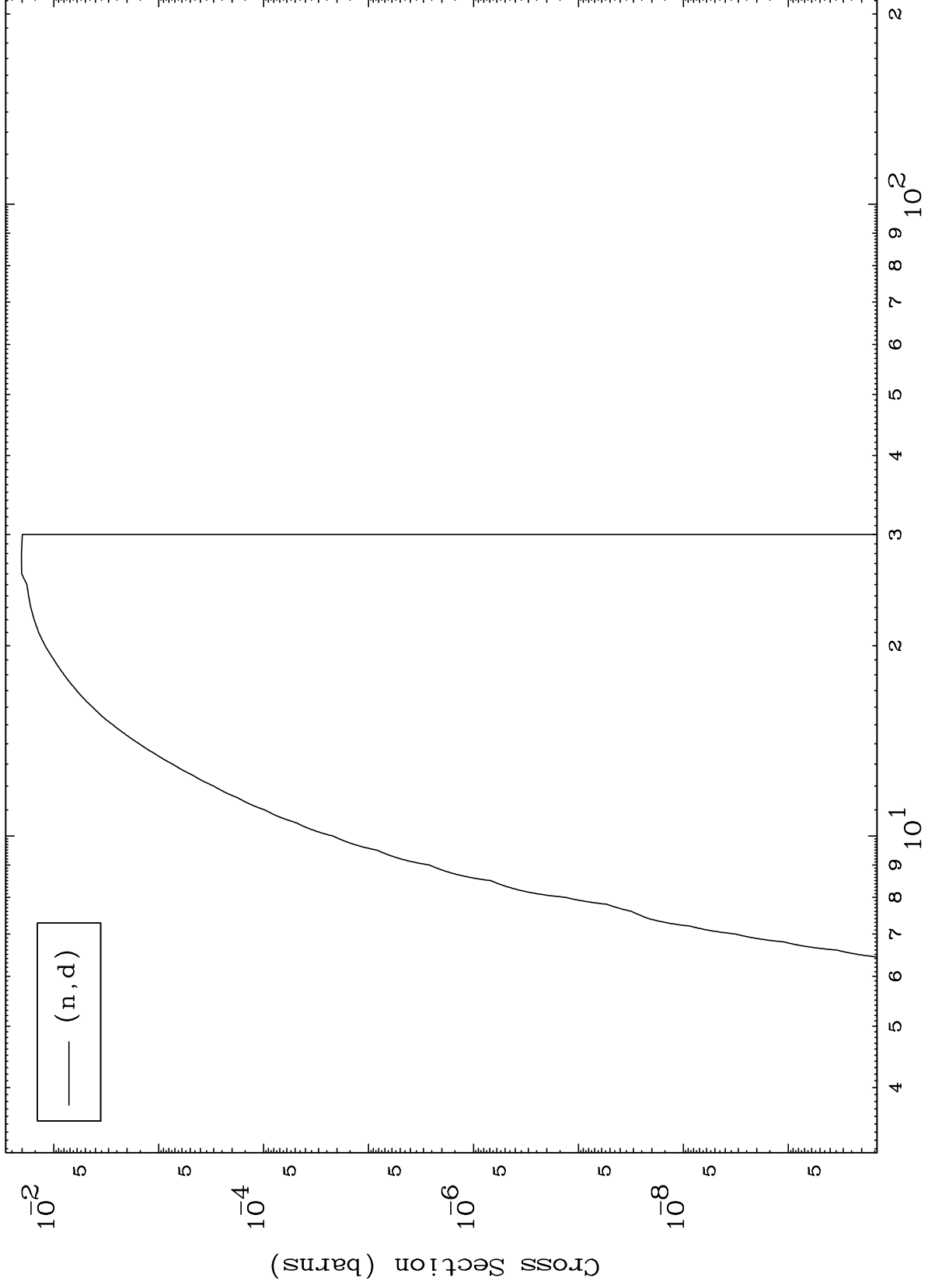
Incident Energy (MeV)

57-La-137

MAT 5722

(n,d) Levels
293 Kelvin Cross Sections

57-La-137



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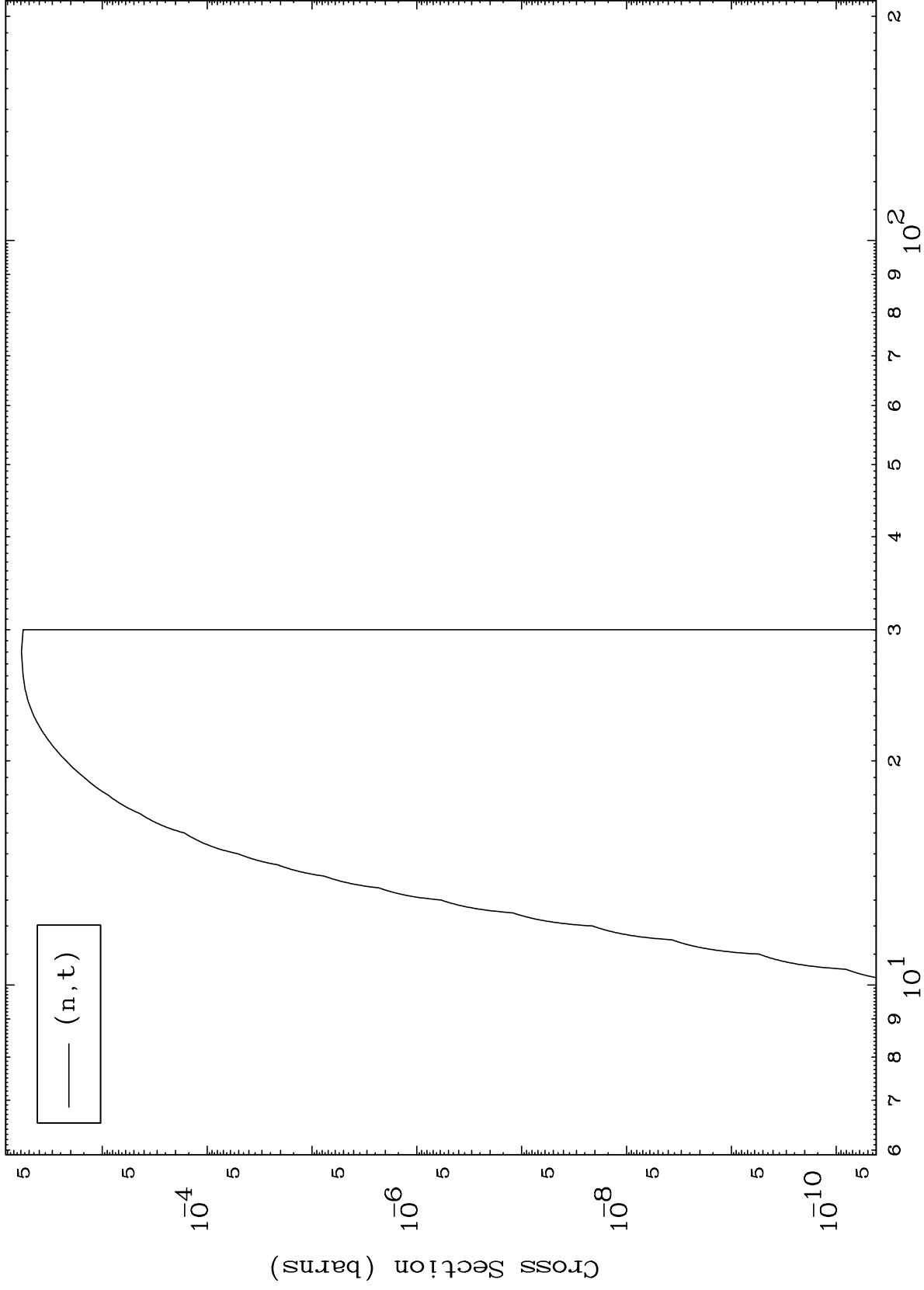
Incident Energy (MeV)

57-La-137

MAT 5722

(n,t) Levels
293 Kelvin Cross Sections

57-La-137



12

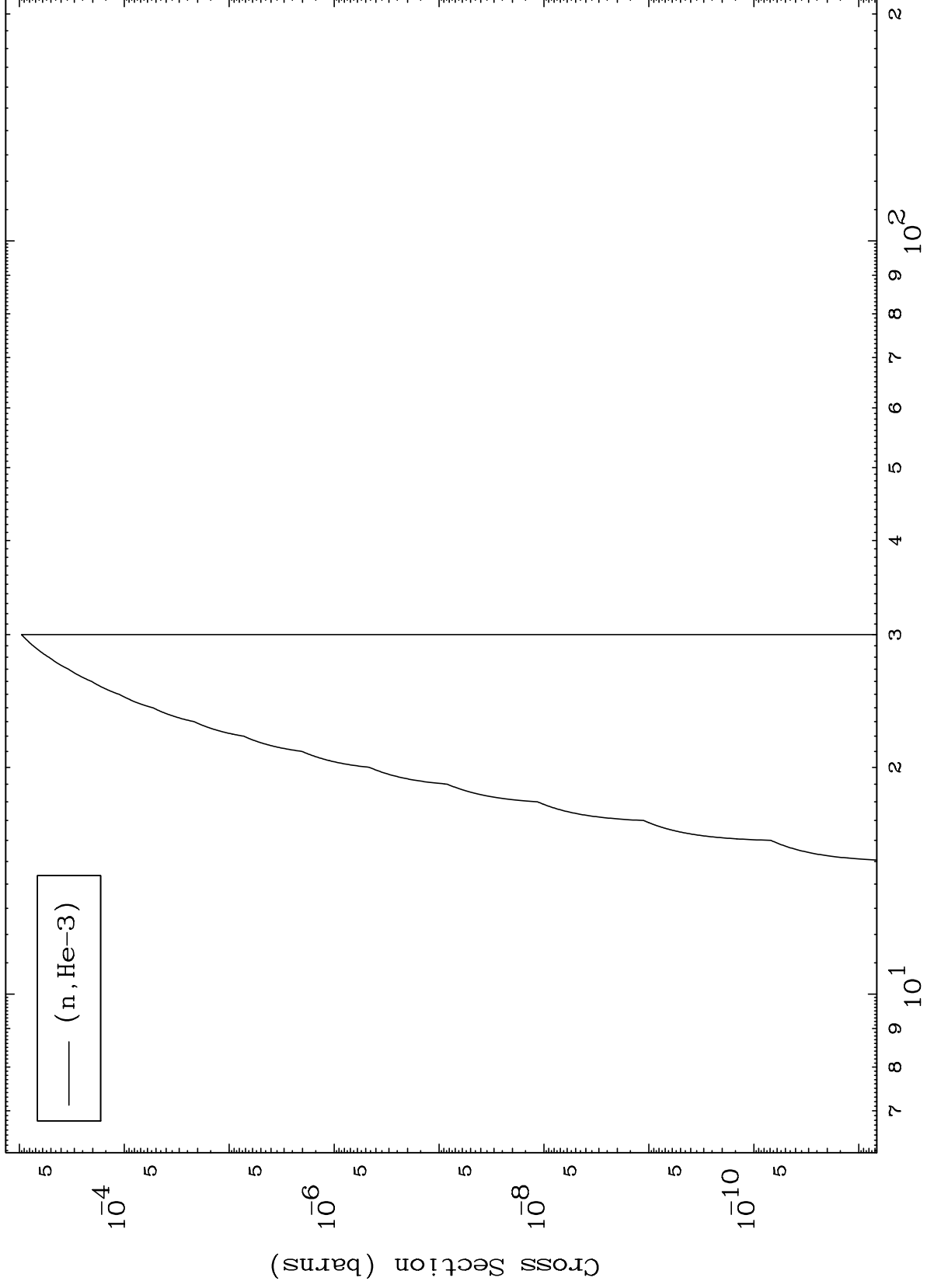
Incident Energy (MeV)

57-La-137

MAT 5722

(n,He3) Levels
293 Kelvin Cross Sections

57-La-137



13

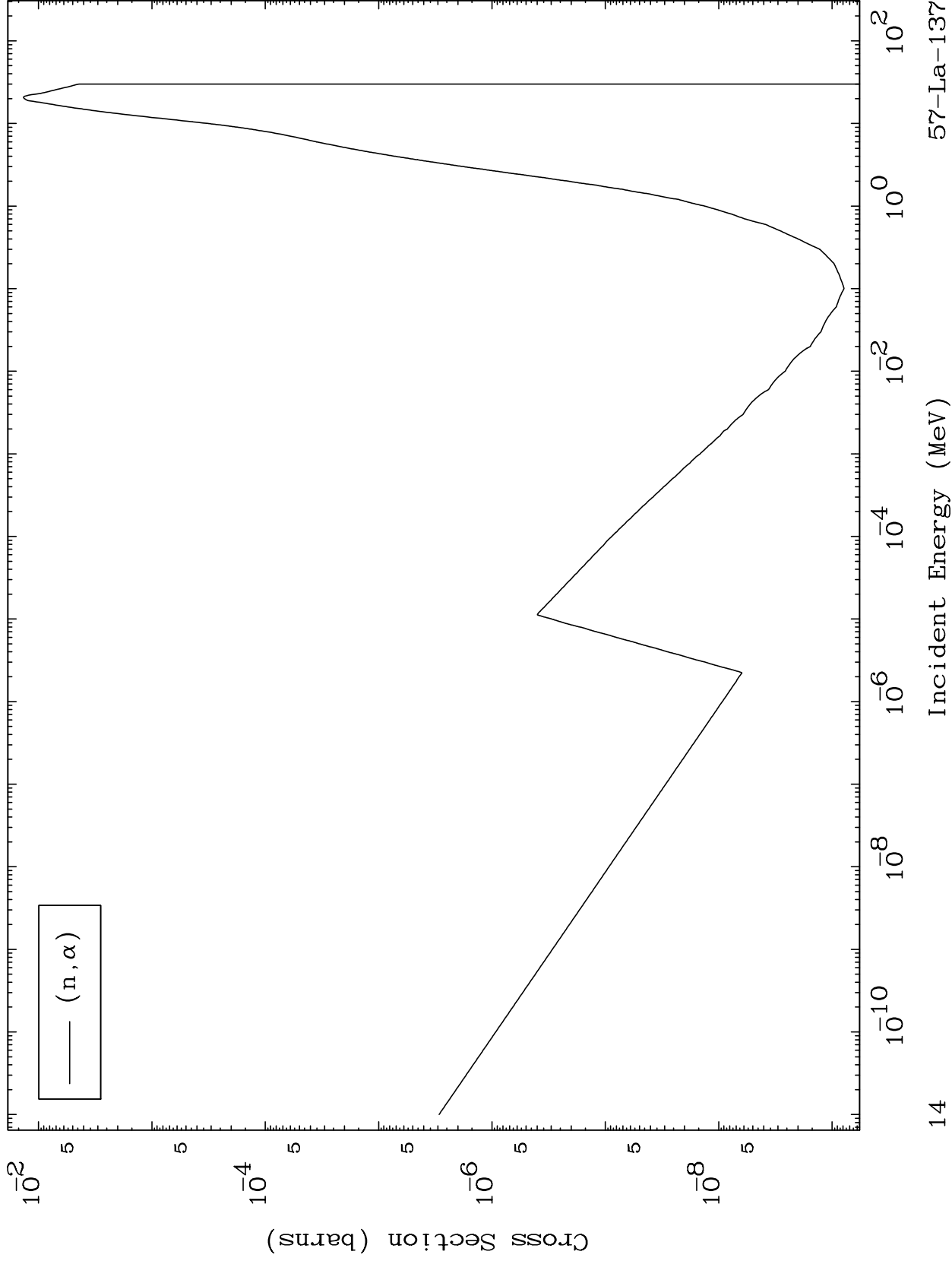
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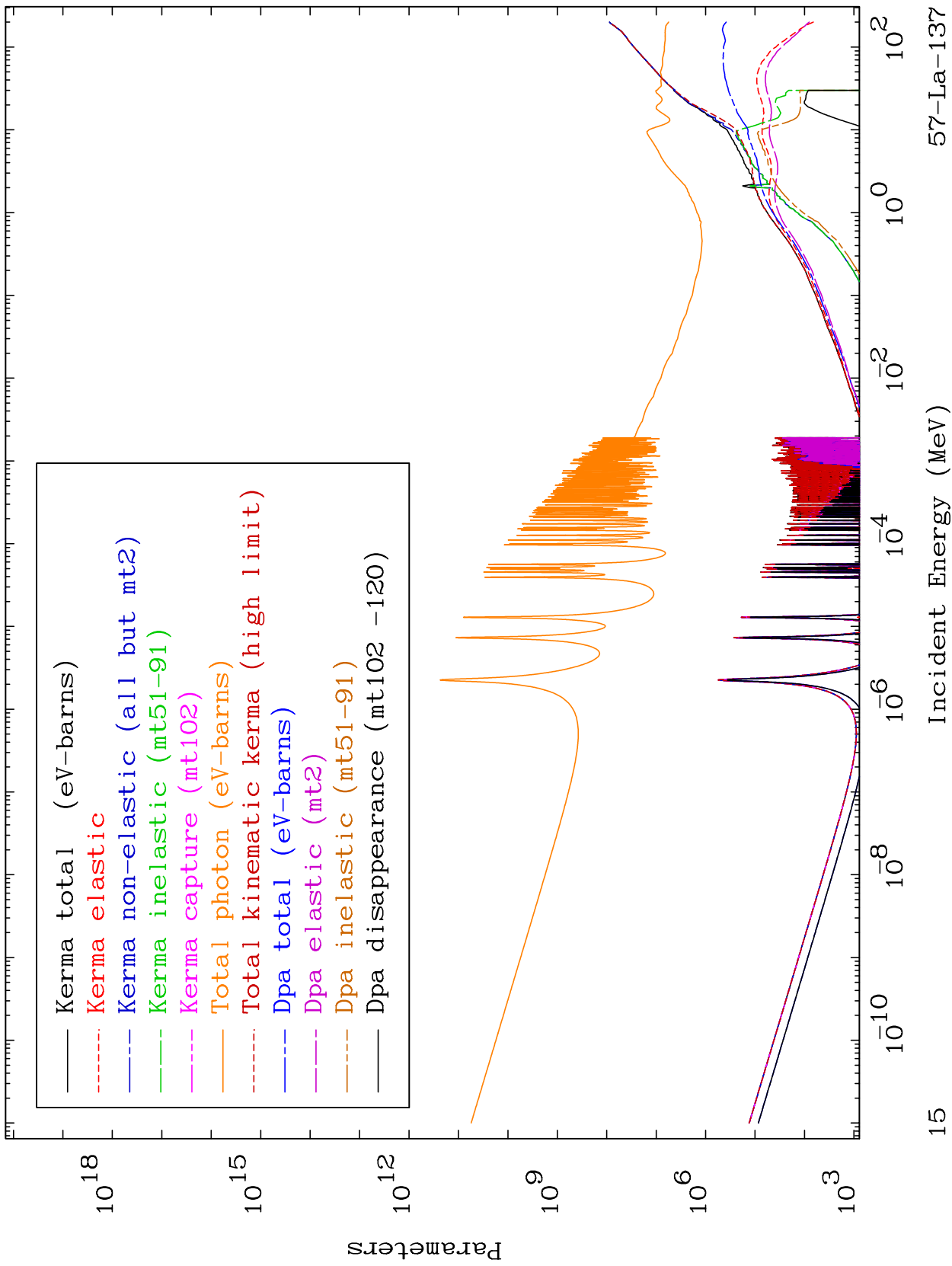
57-La-137

MAT 5722

(n, α) Levels
293 Kelvin Cross Sections

57-La-137

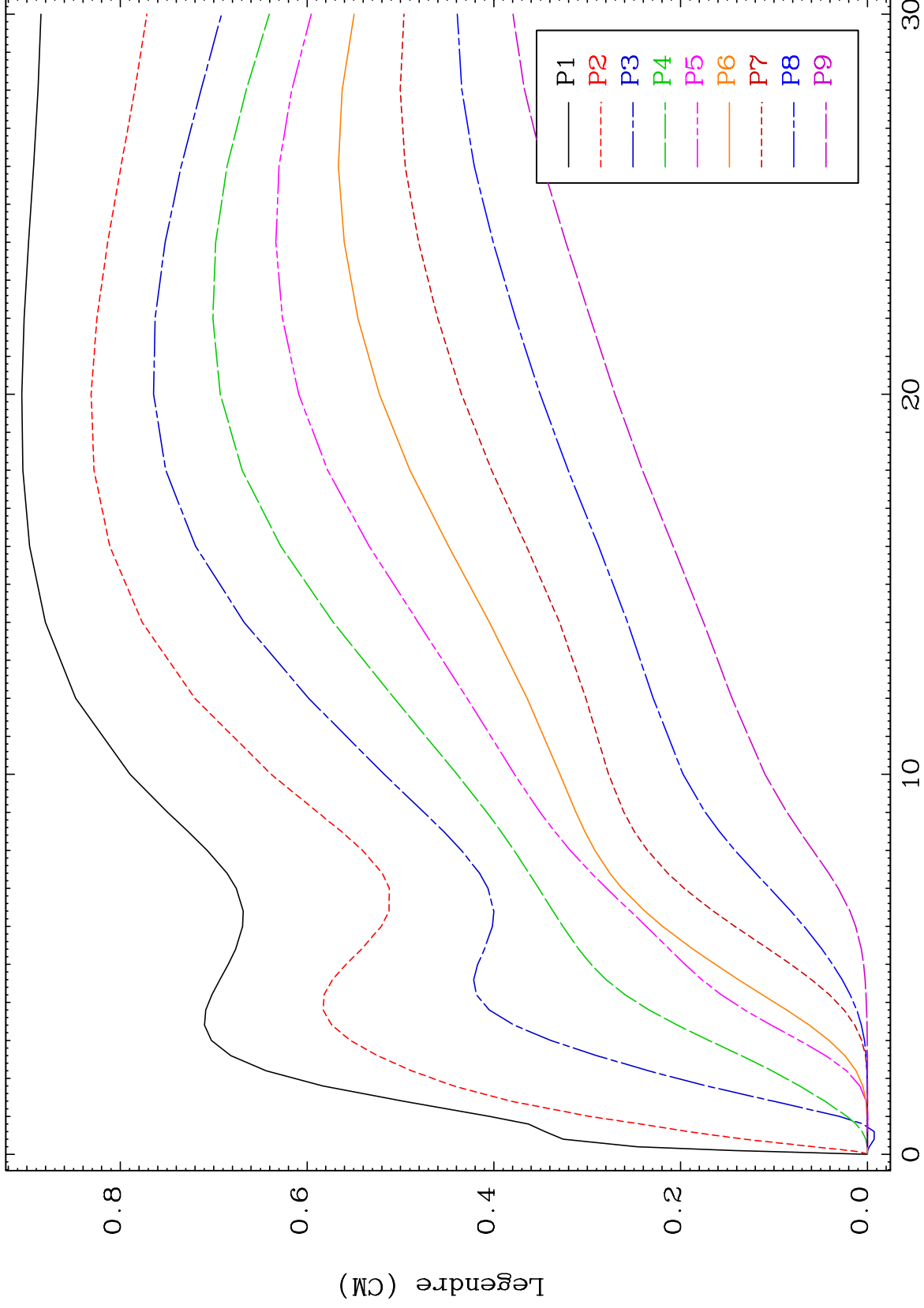




MAT 5722

Elastic Legendre Coefficients

57-La-137



16

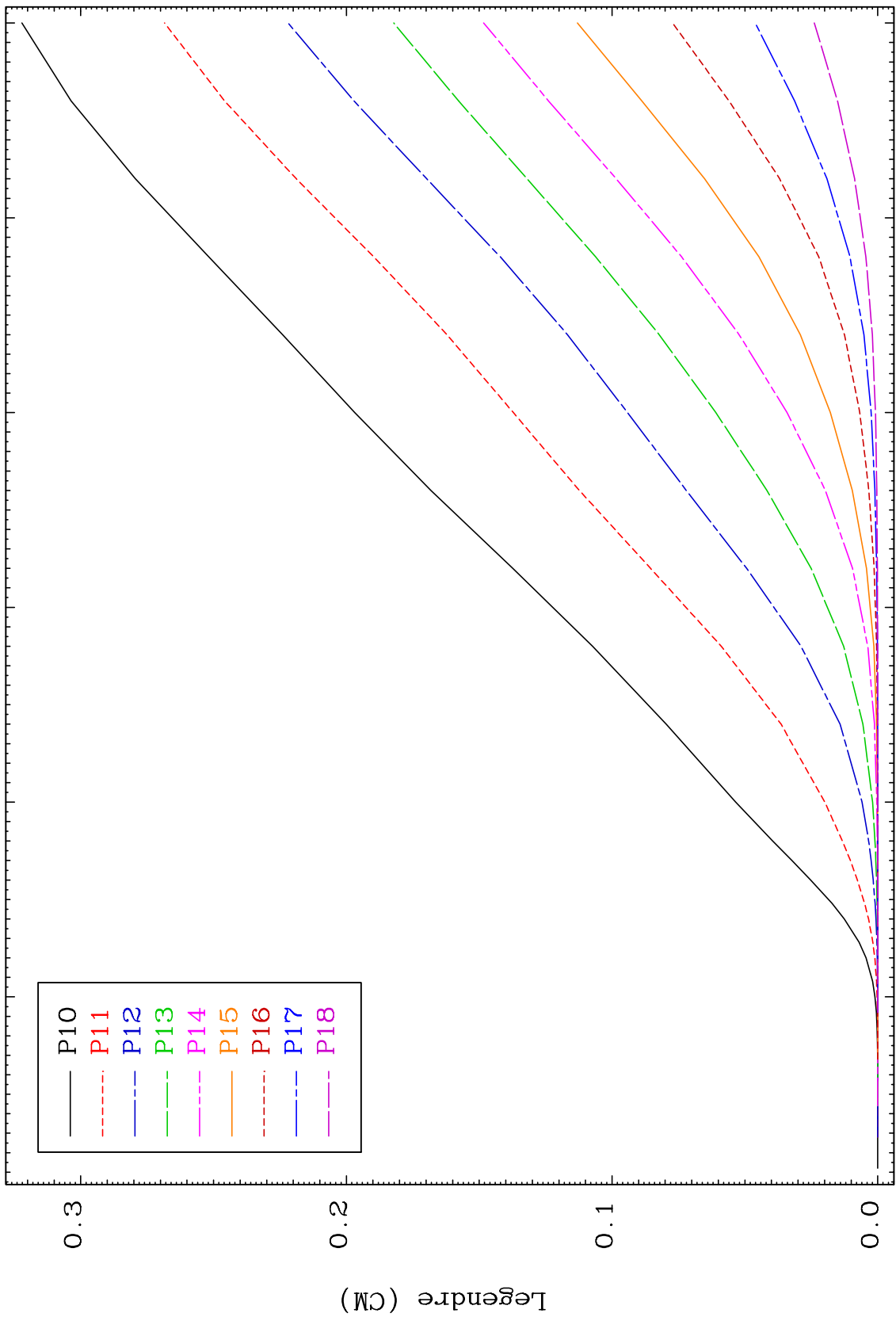
Incident Energy (MeV)

57-La-137

MAT 5722

Elastic Legendre Coefficients

57-La-137



17

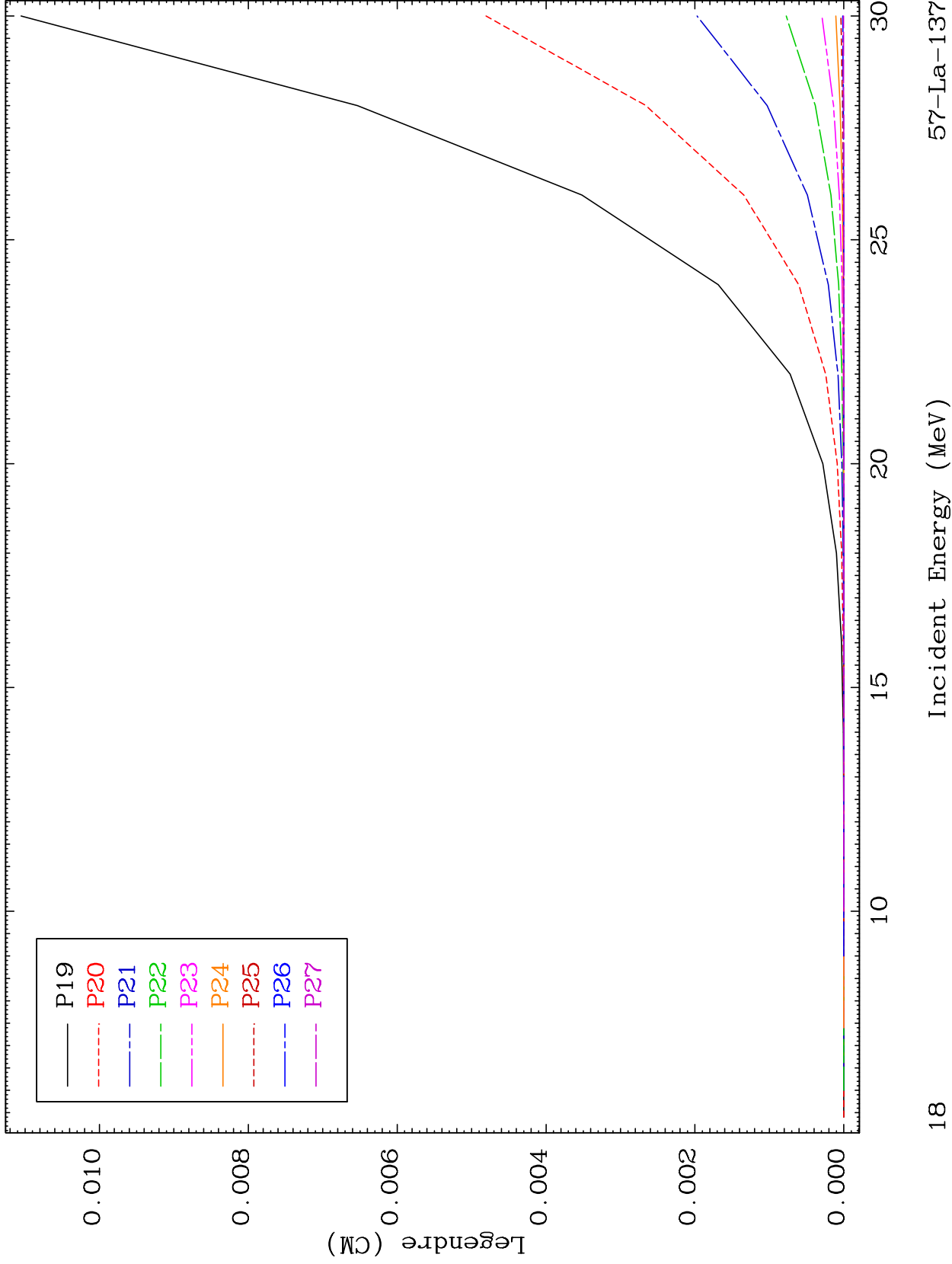
Incident Energy (MeV)

57-La-137

MAT 5722

Elastic Legendre Coefficients

57-La-137



18

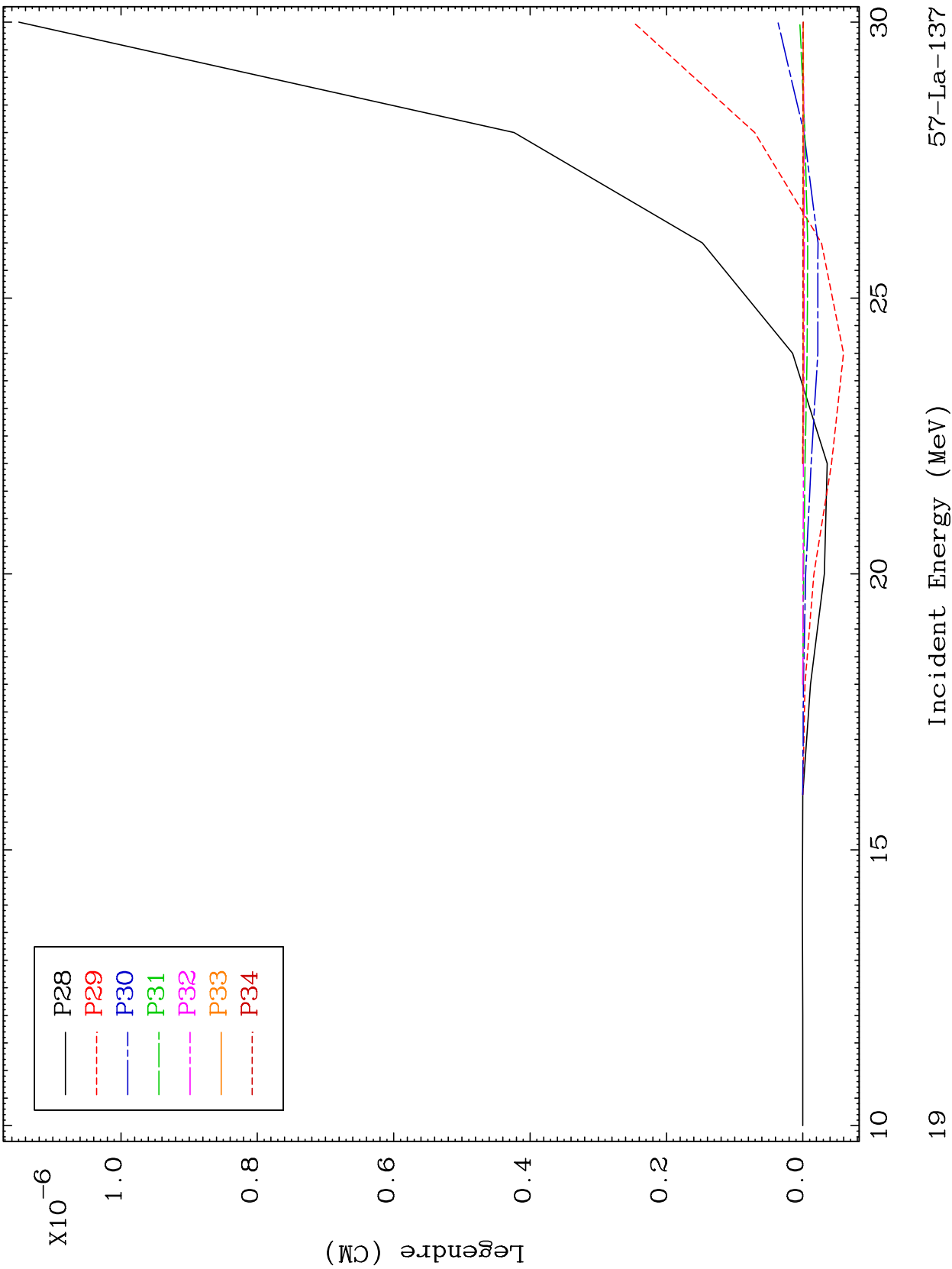
Incident Energy (MeV)

57-La-137

MAT 5722

Elastic Legendre Coefficients

57-La-137



19

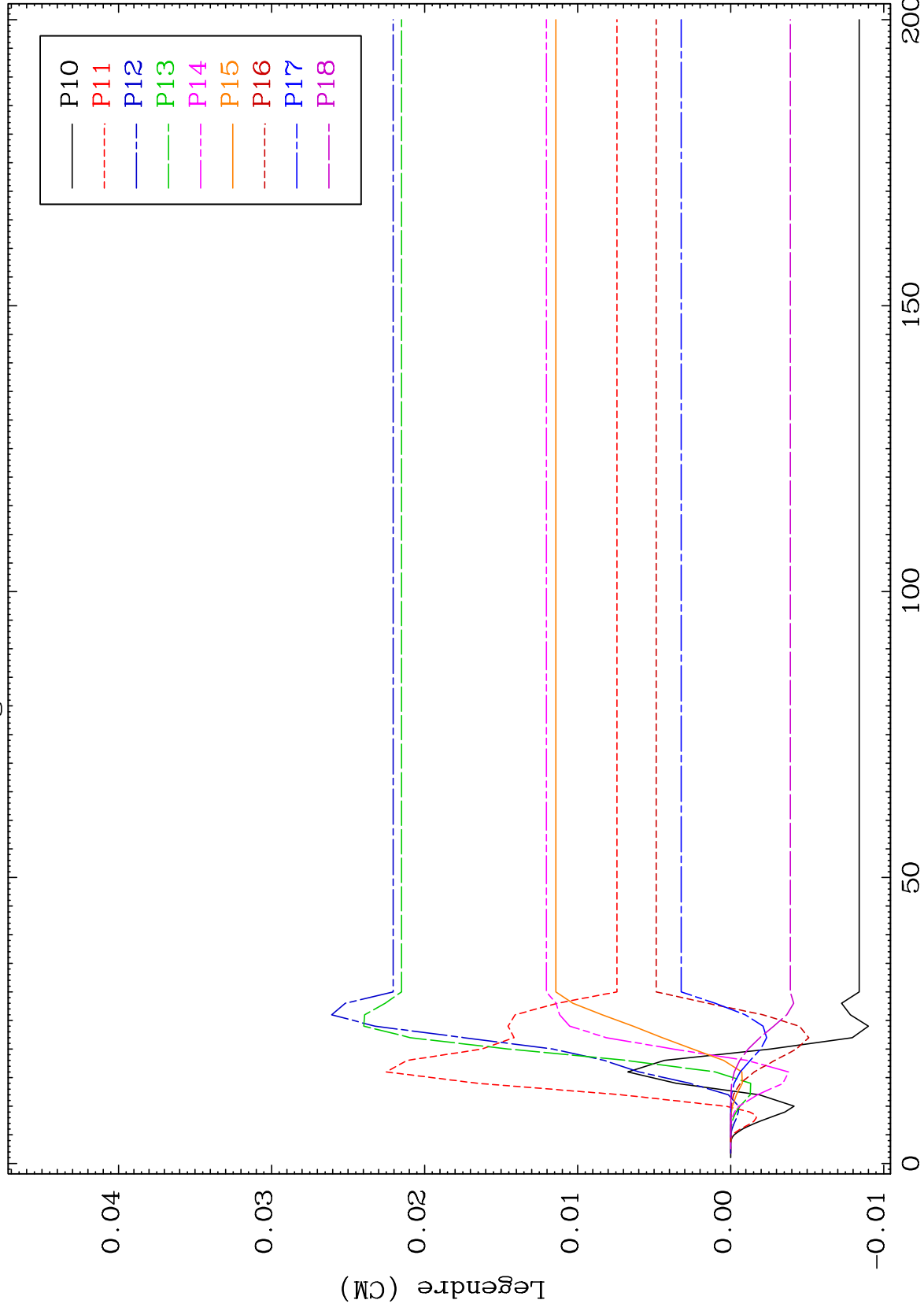
Incident Energy (MeV)

57-La-137

MAT 5722

10.59 keV (n,n') Level
Legendre Coefficients

57-La-137



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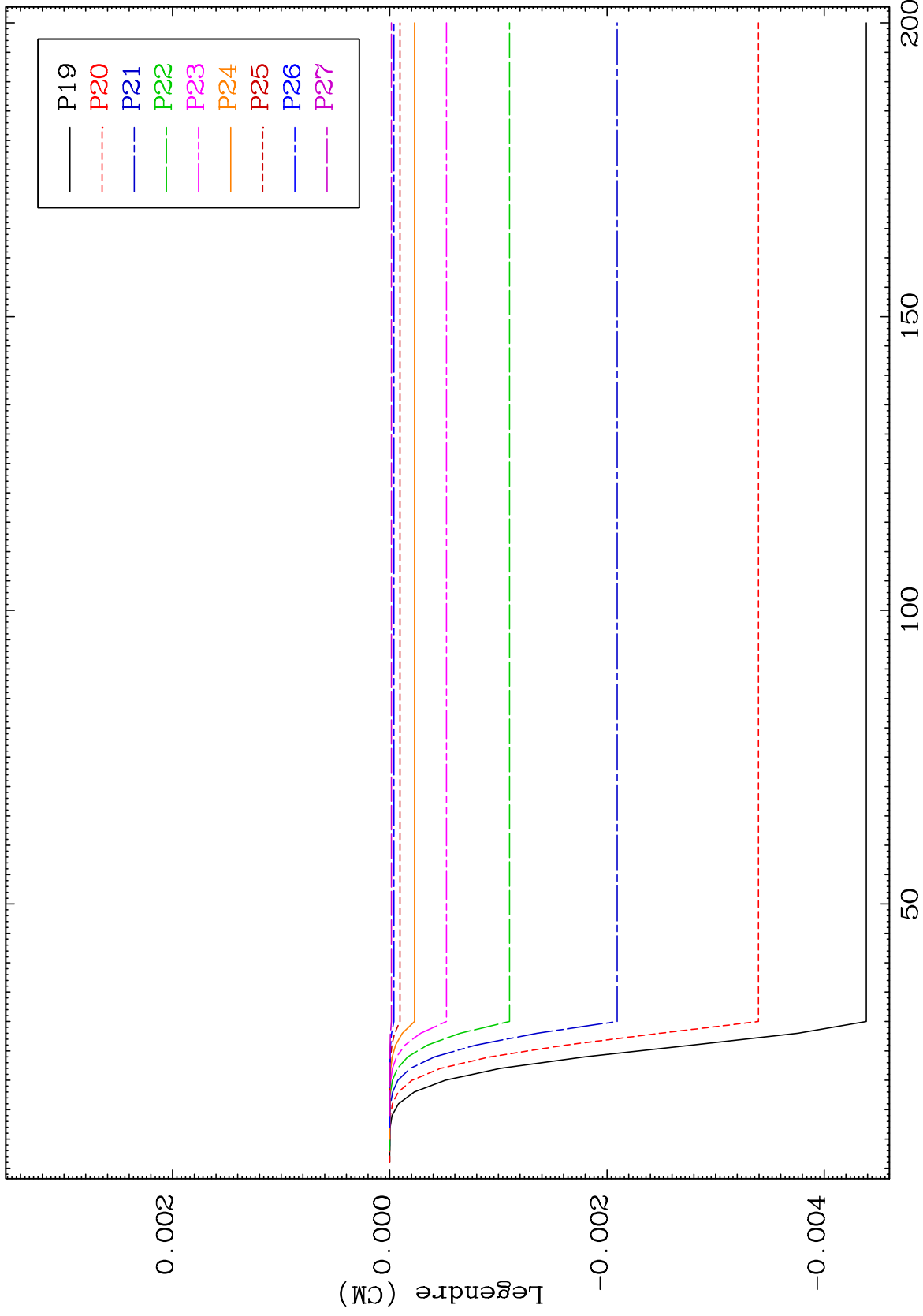
Incident Energy (MeV)

57-La-137

MAT 5722

10.59 keV (n,n') Level
Legendre Coefficients

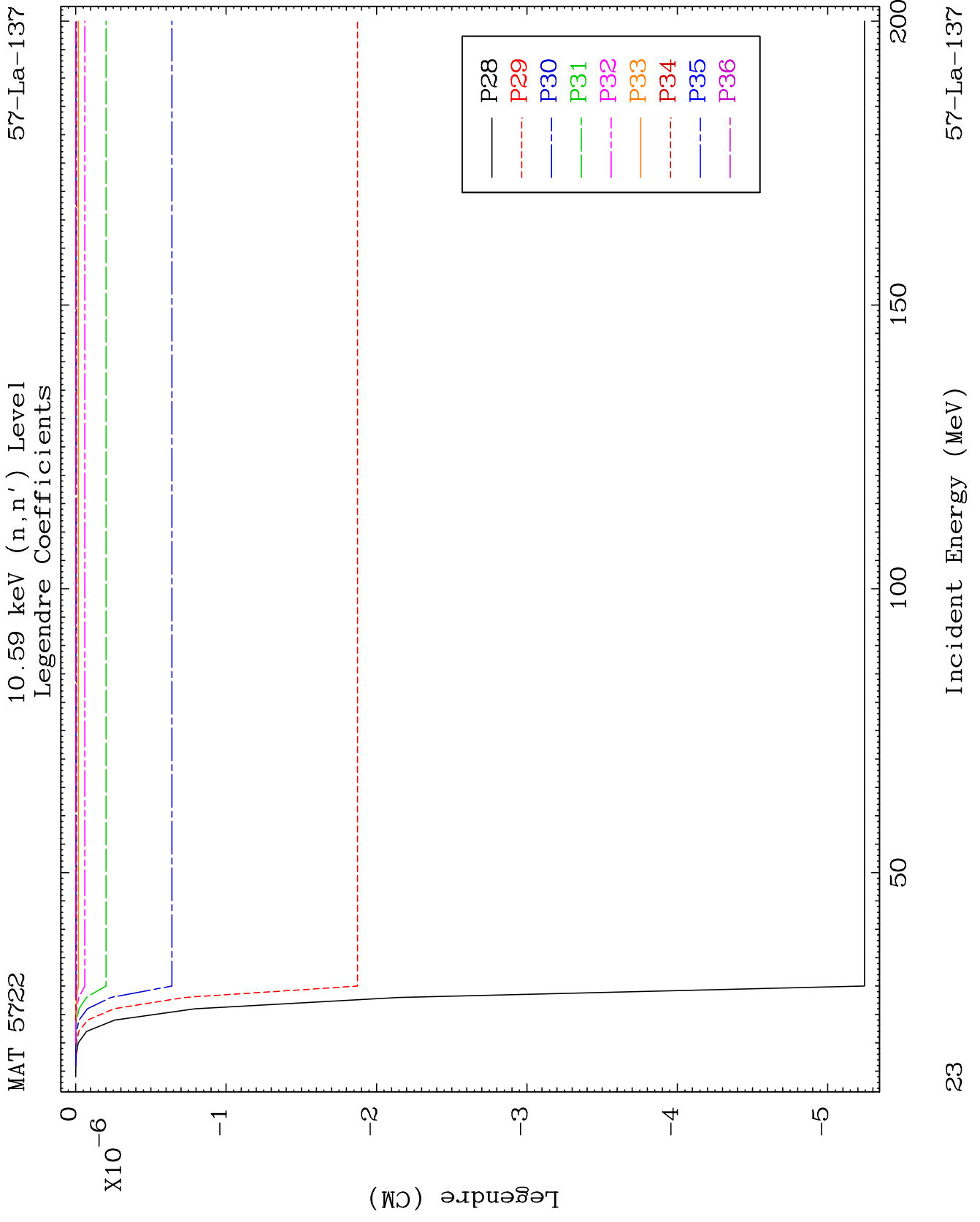
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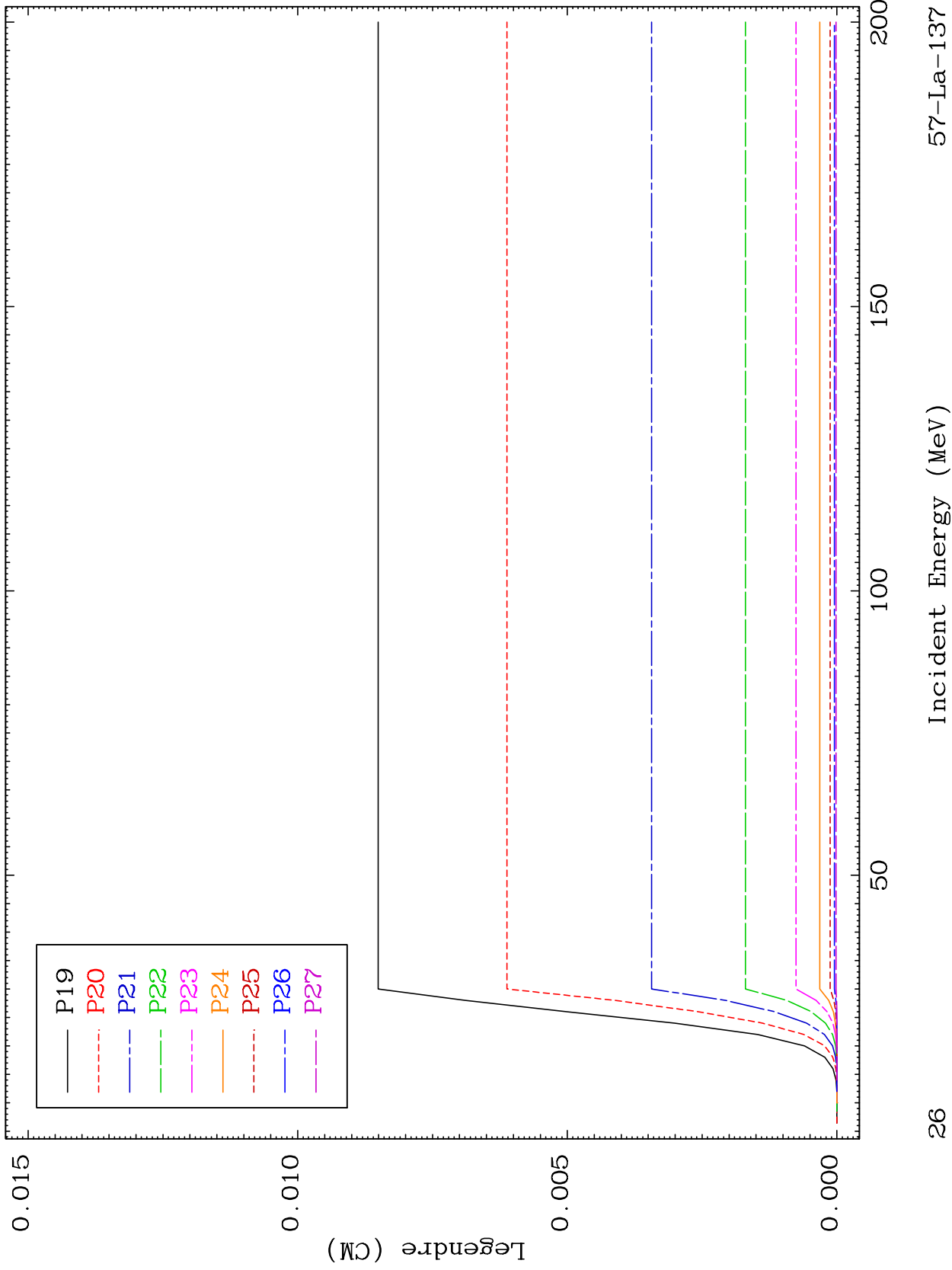


22

Incident Energy (MeV)

57-La-137

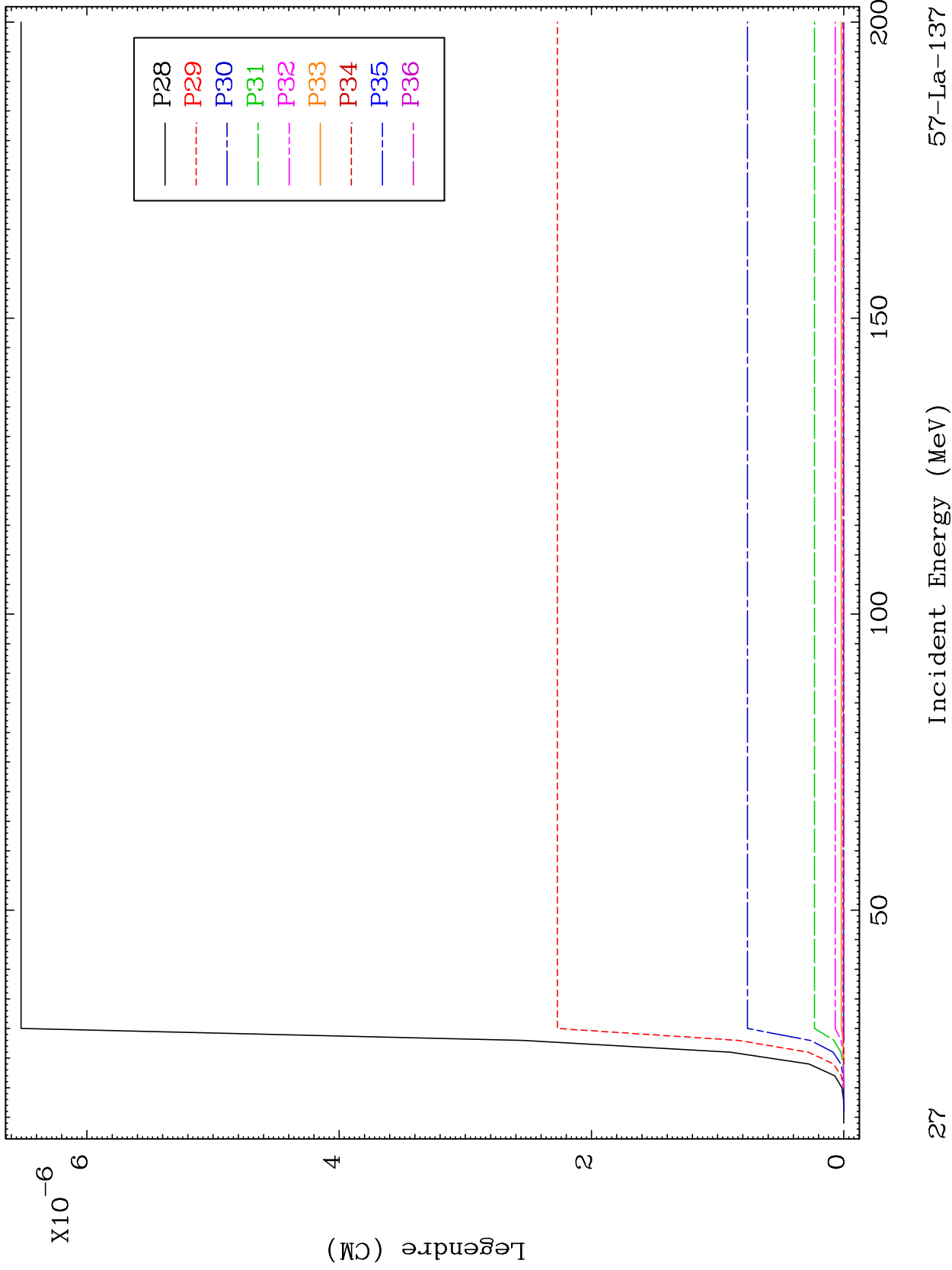




MAT 5722

447.2 keV (n,n') Level
Legendre Coefficients

57-La-137



27

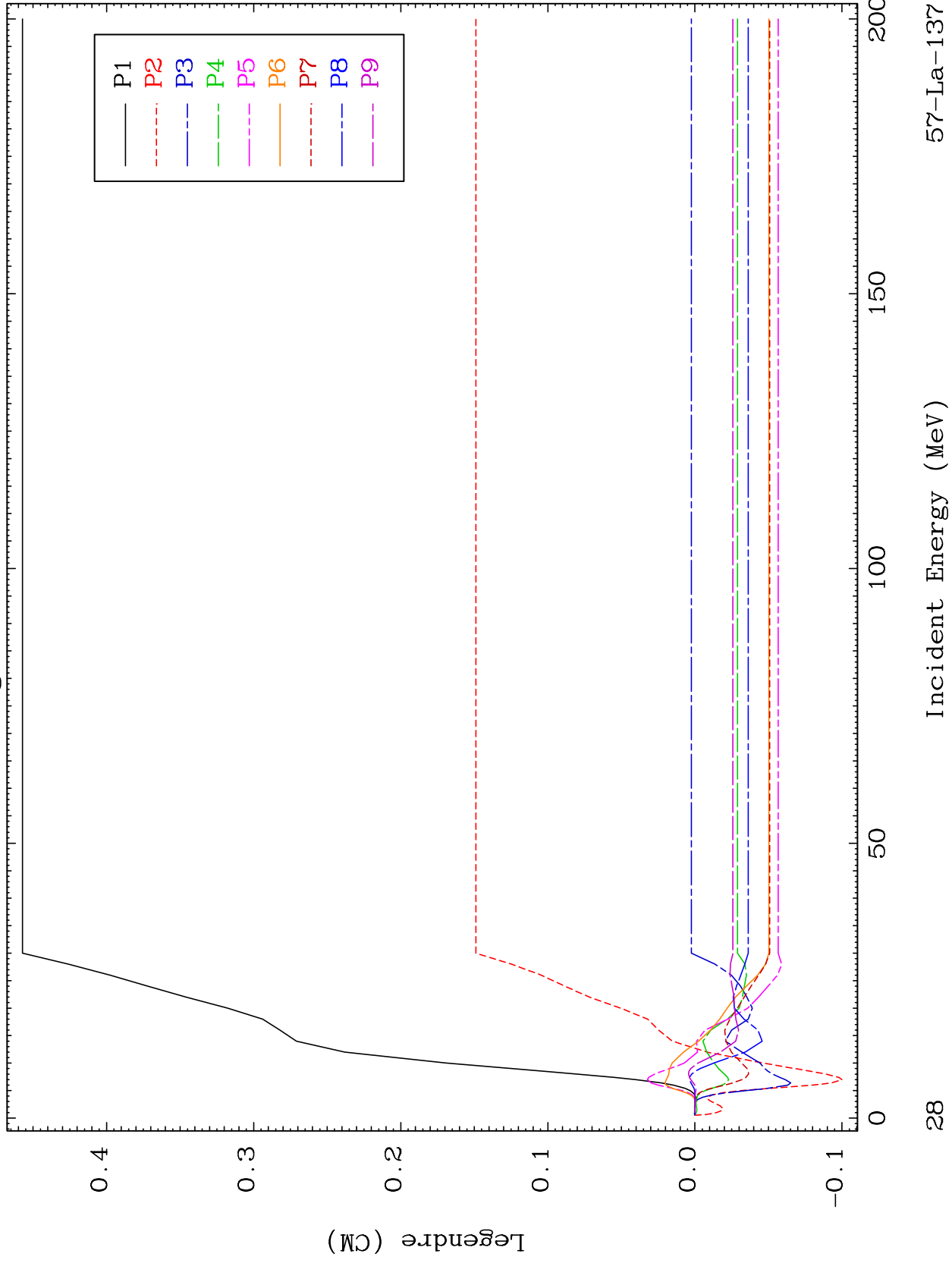
Incident Energy (MeV)

57-La-137

MAT 5722

493.1 keV (n,n') Level
Legendre Coefficients

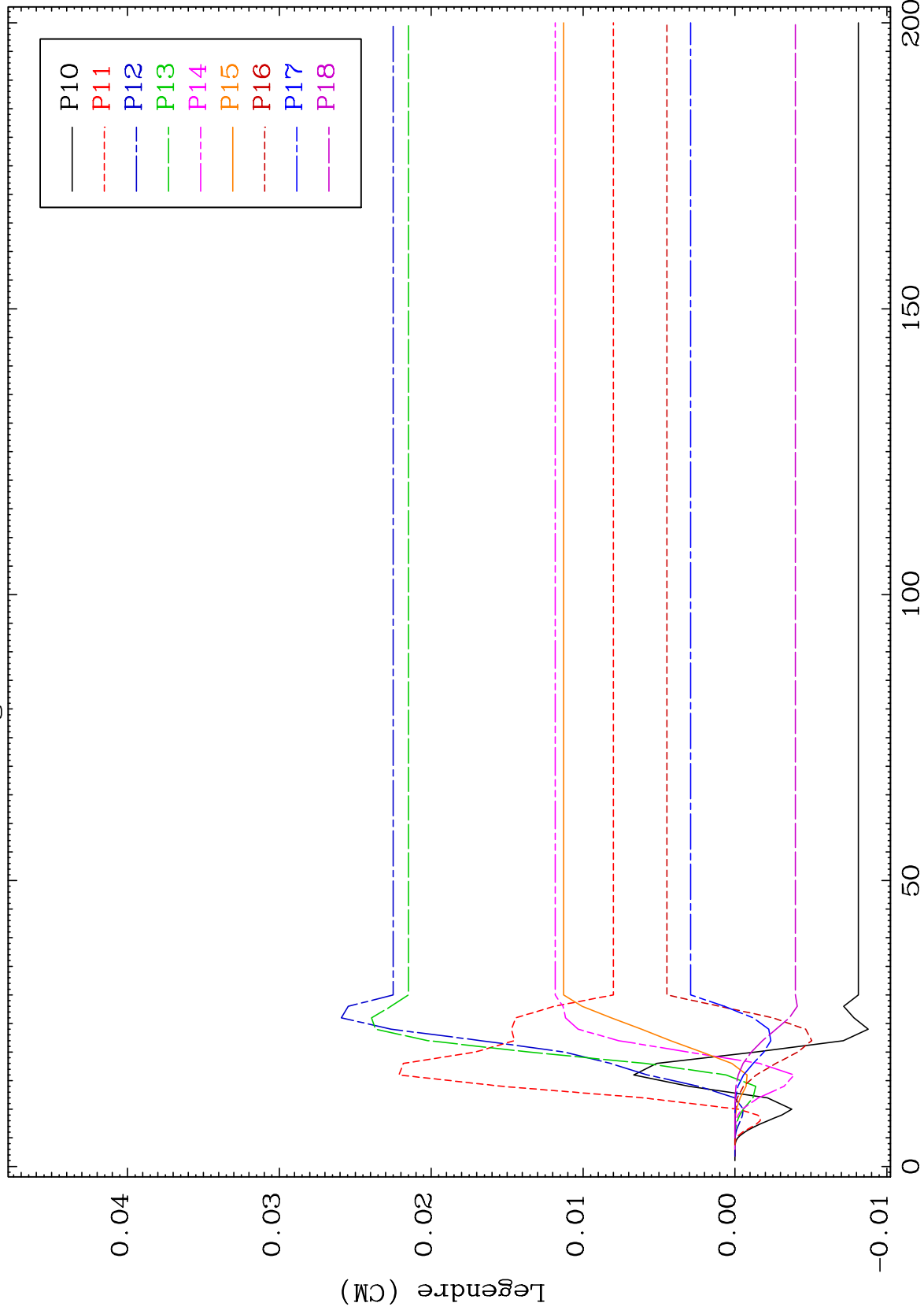
57-La-137



57-La-137

Incident Energy (MeV)

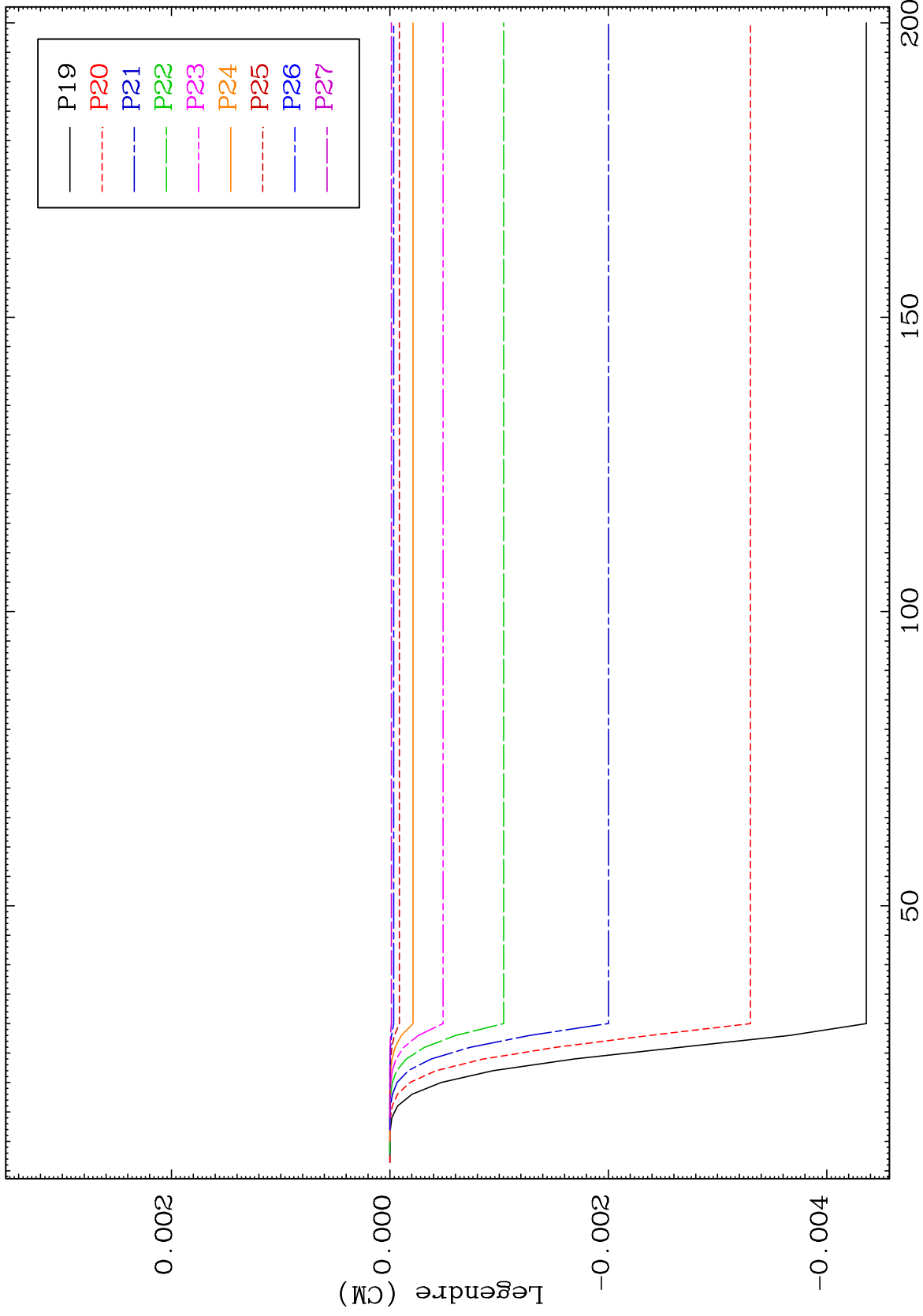
28



MAT 5722

493.1 keV (n,n') Level
Legendre Coefficients

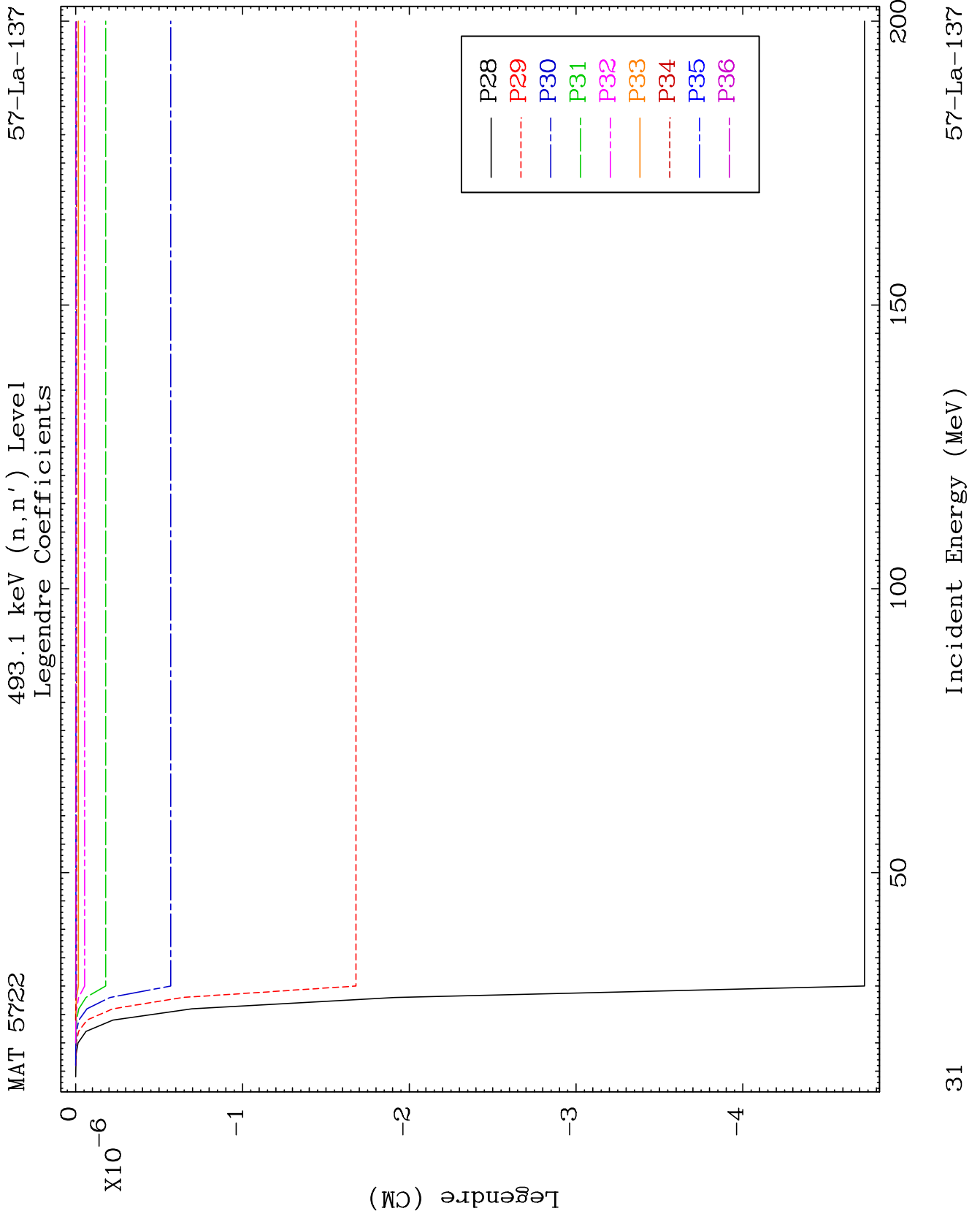
57-La-137



30

Incident Energy (MeV)

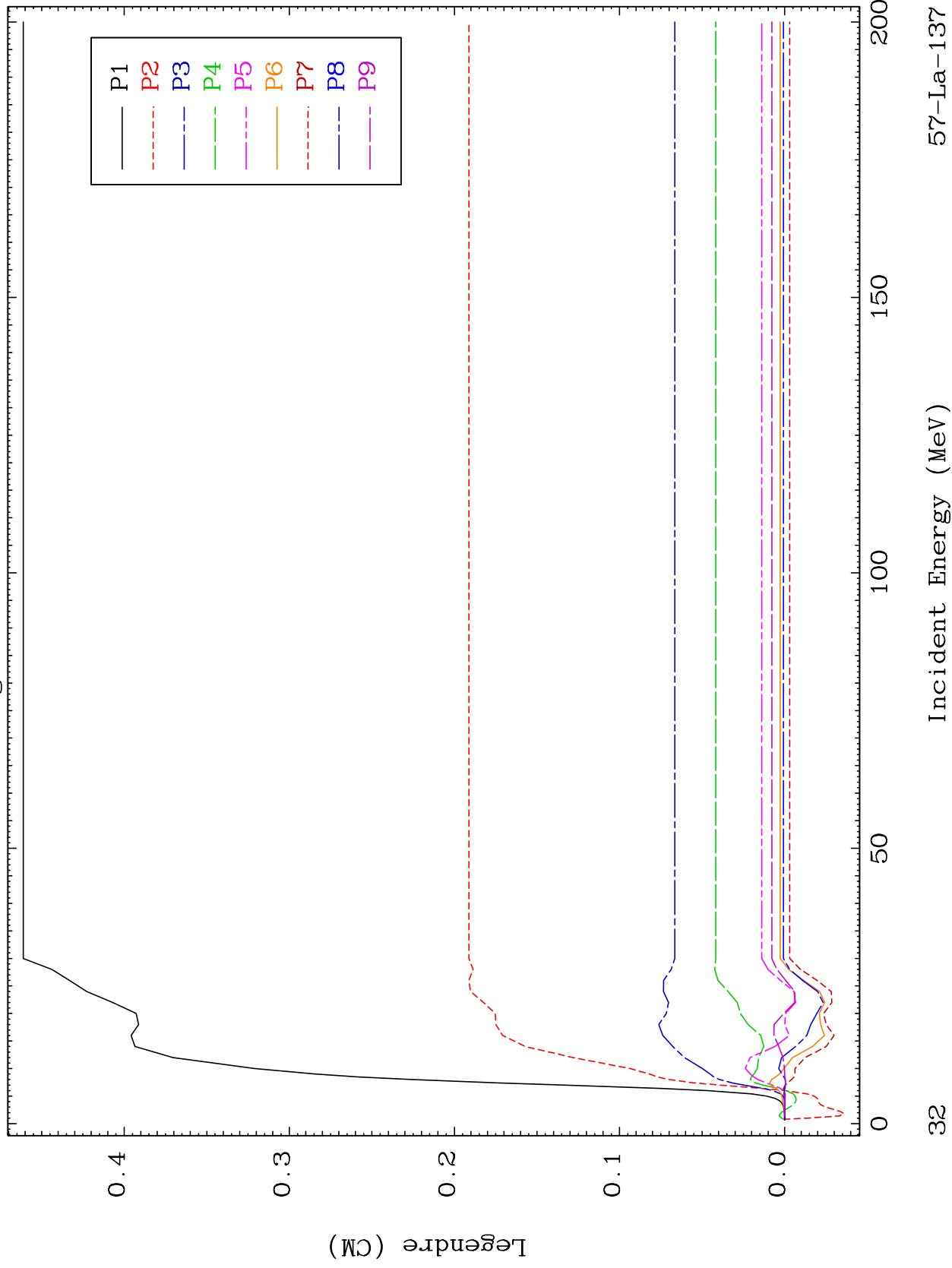
57-La-137



MAT 5722

642.0 keV (n,n') Level
Legendre Coefficients

57-La-137



57-La-137

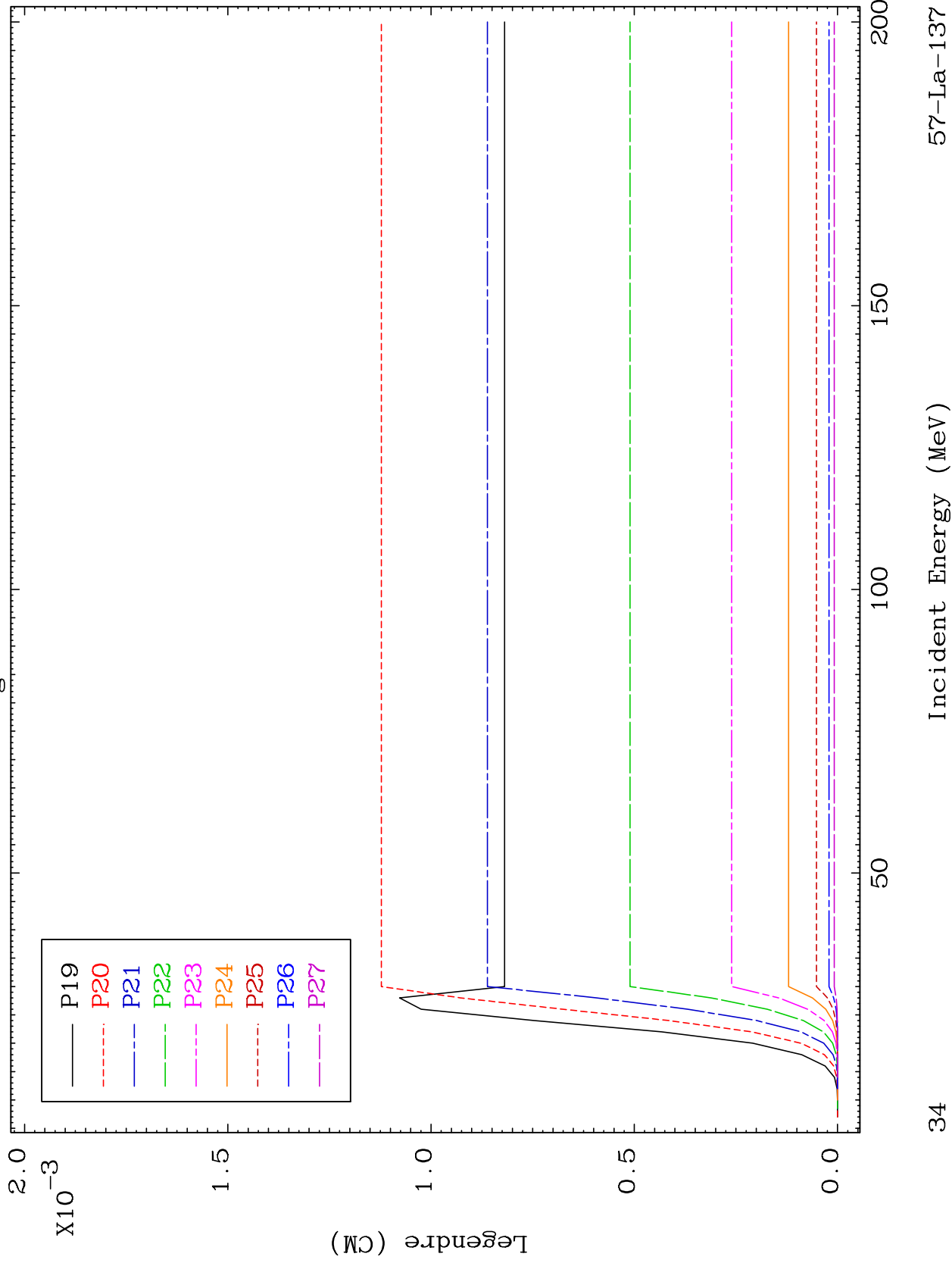
Incident Energy (MeV)

32

MAT 5722

642.0 keV (n,n') Level
Legendre Coefficients

57-La-137



34

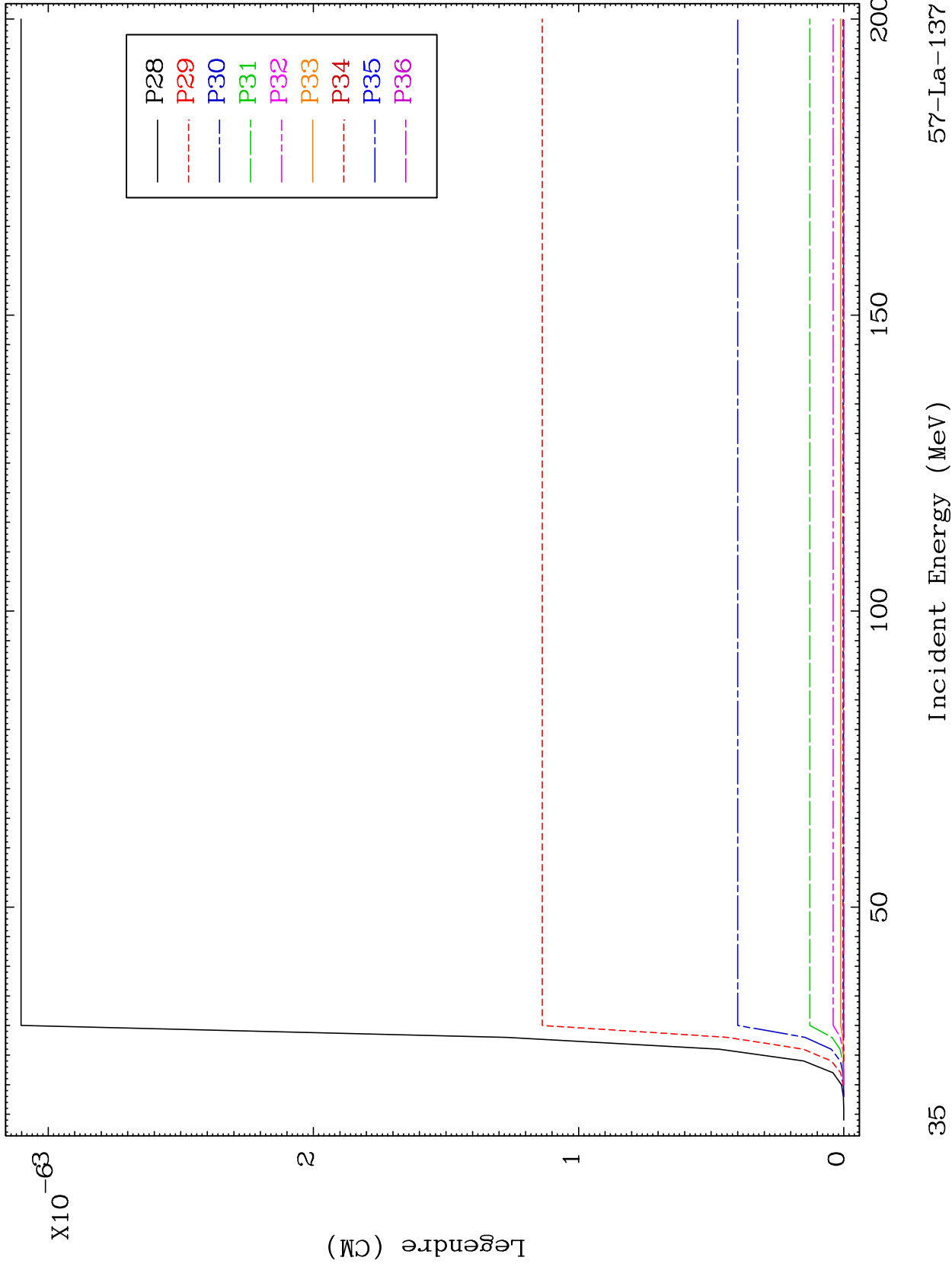
Incident Energy (MeV)

57-La-137

MAT 5722

642.0 keV (n,n') Level
Legendre Coefficients

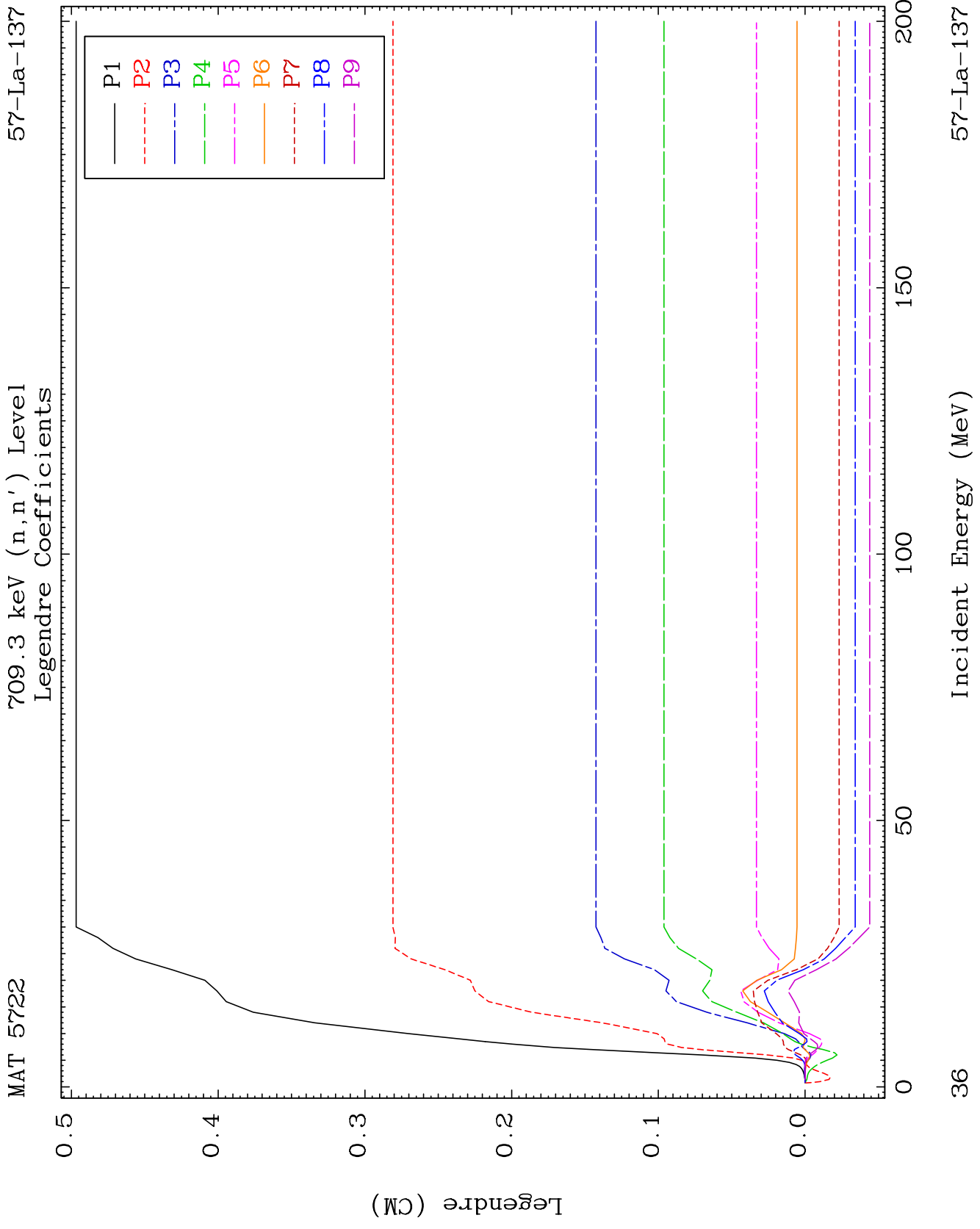
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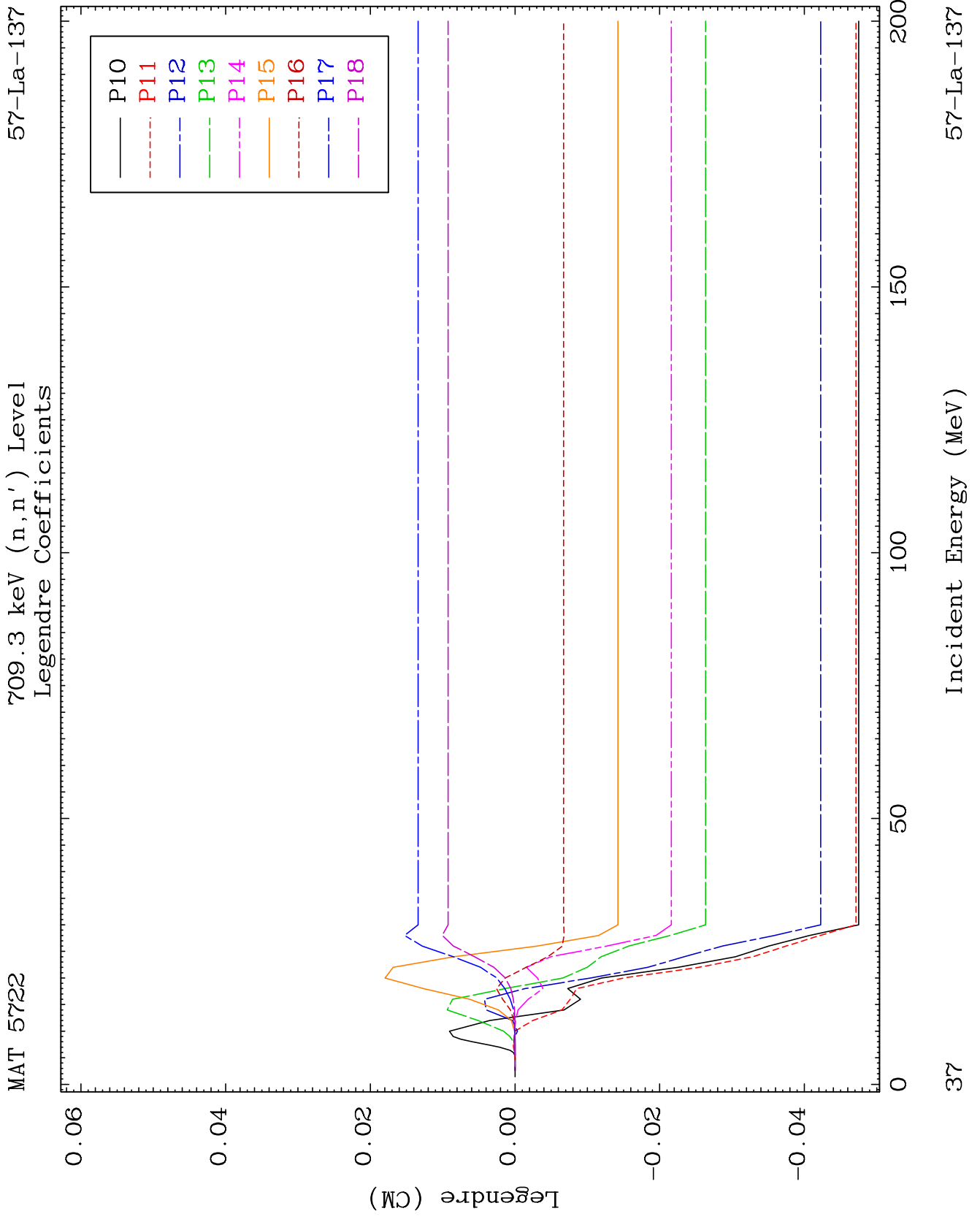


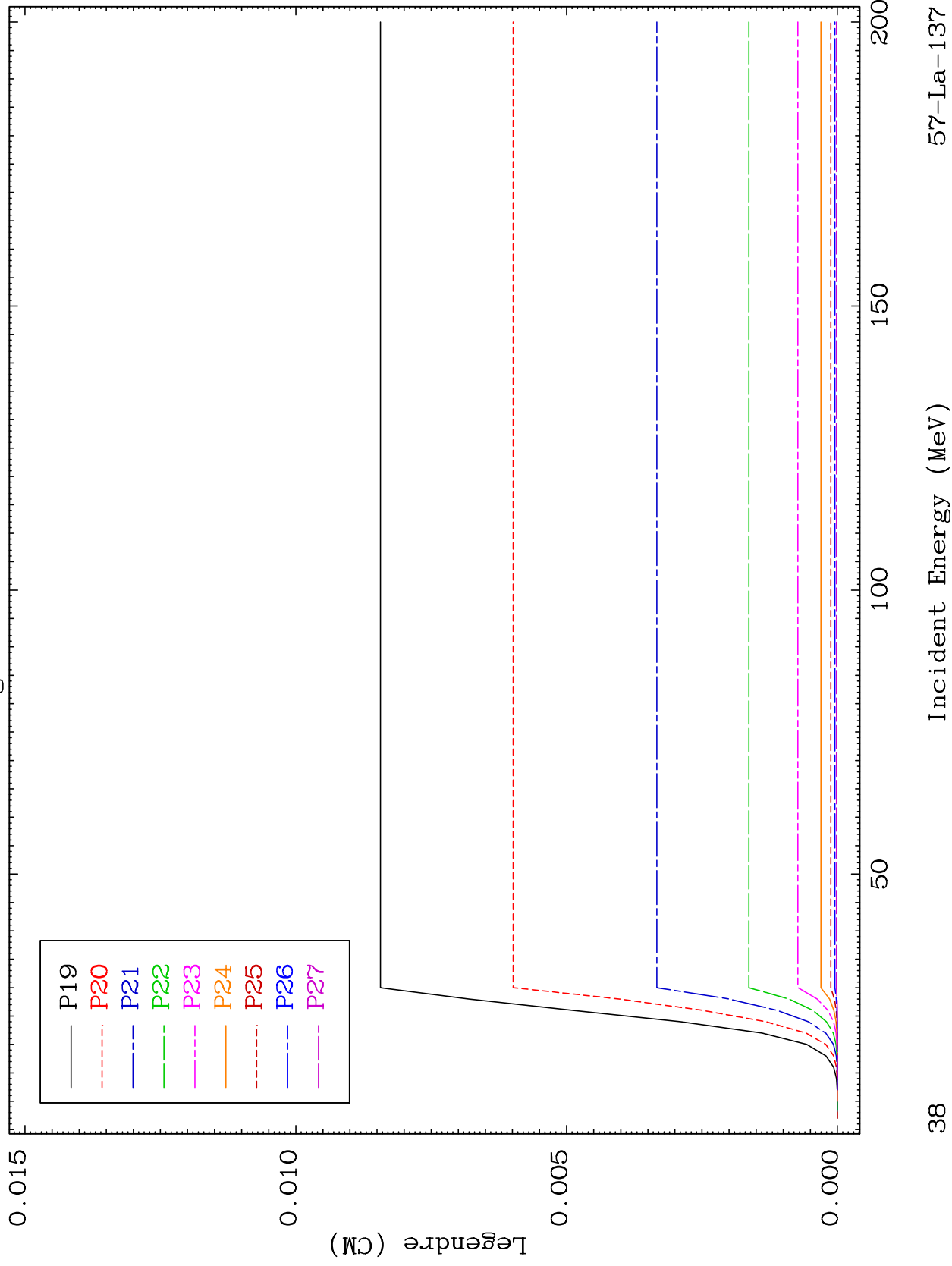
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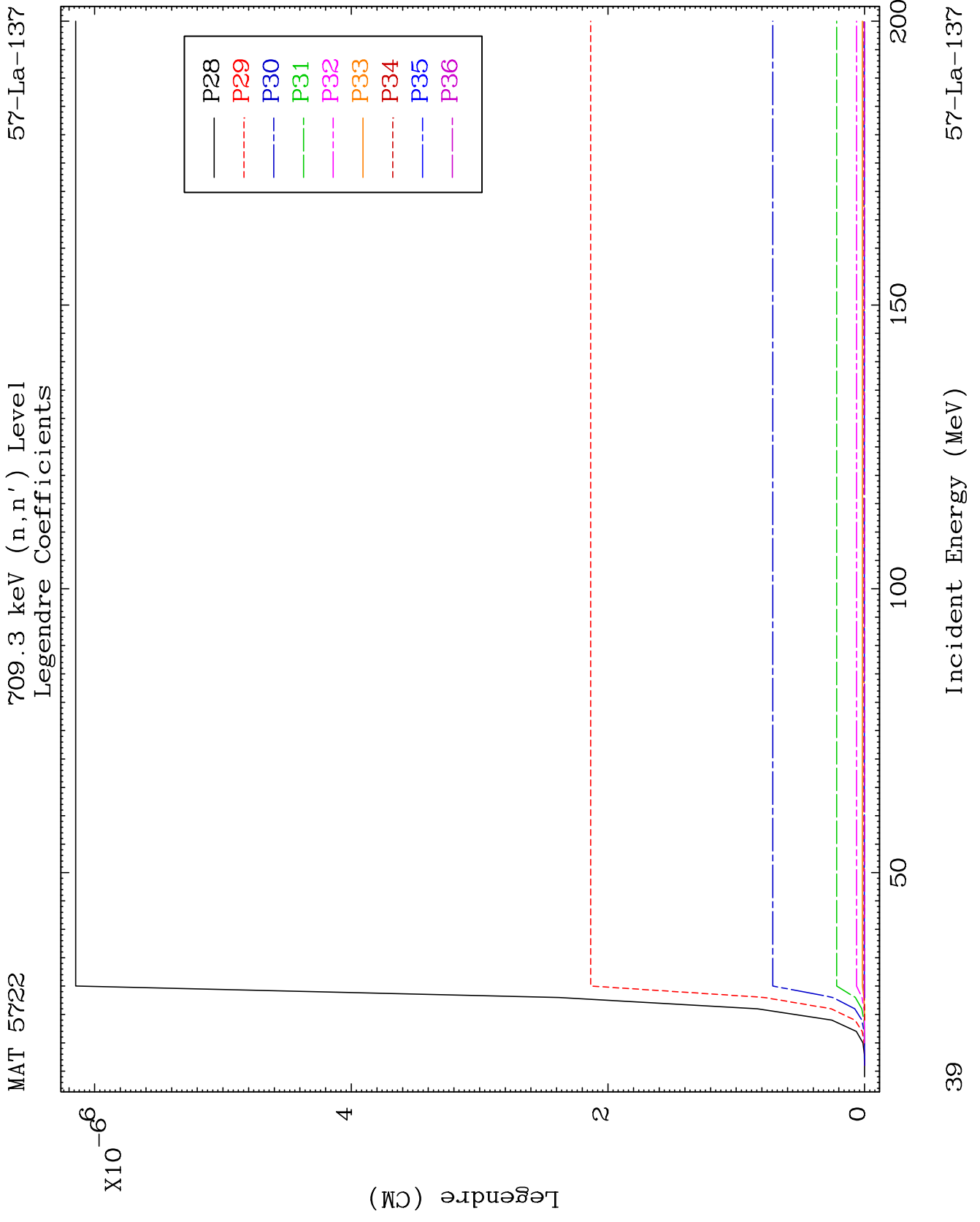
Incident Energy (MeV)

35





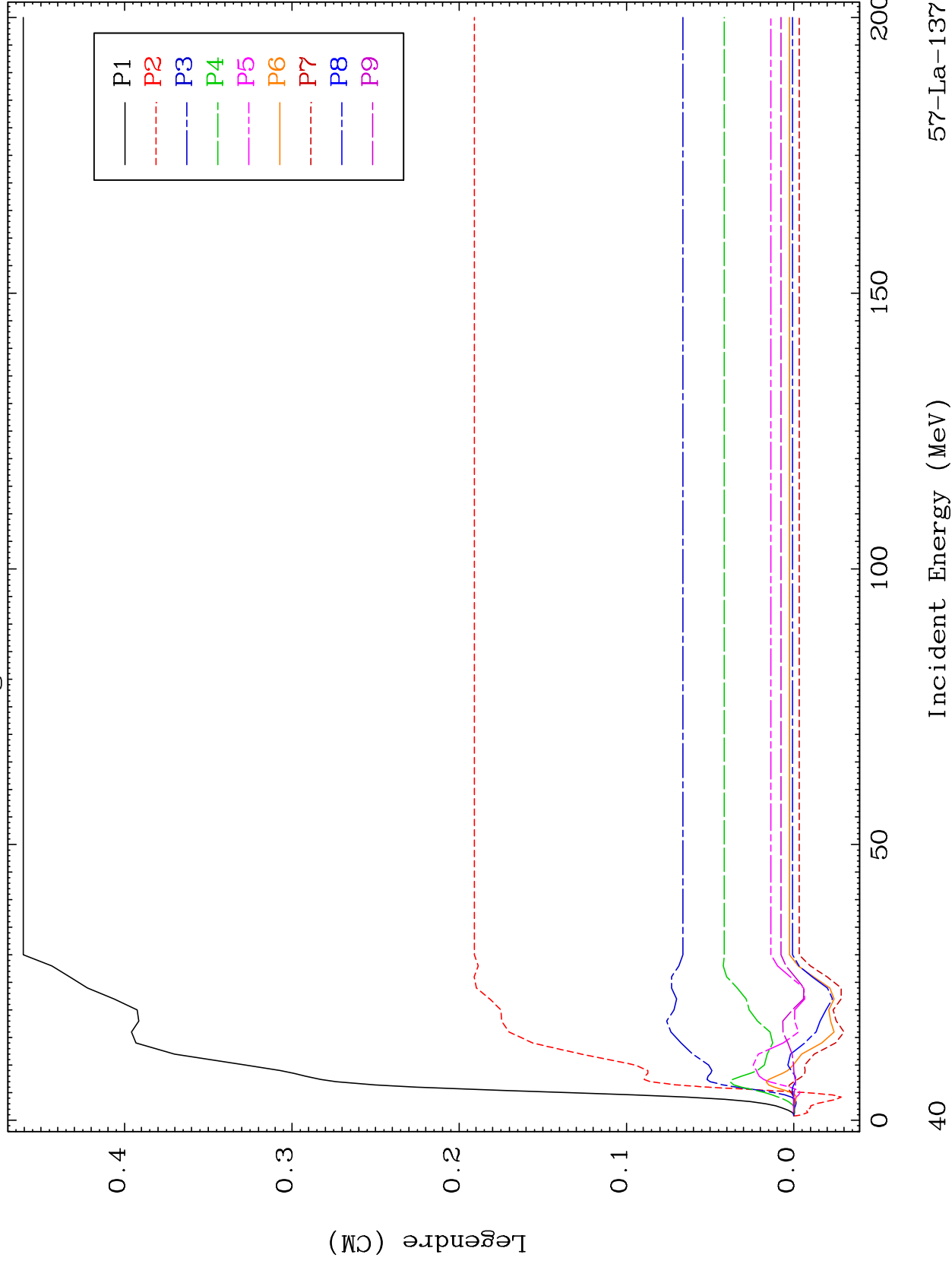




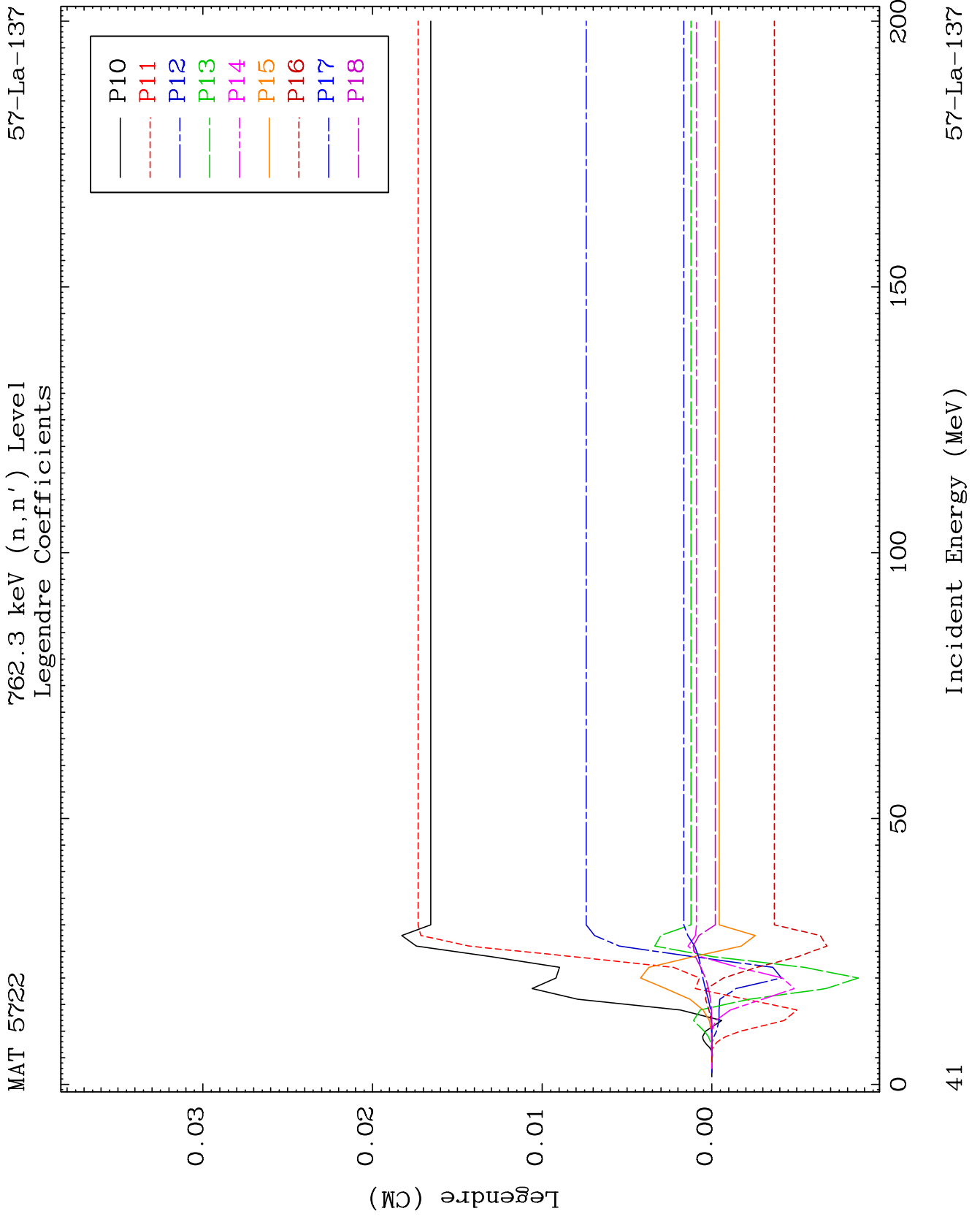
MAT 5722

762.3 keV (n,n') Level
Legendre Coefficients

57-La-137



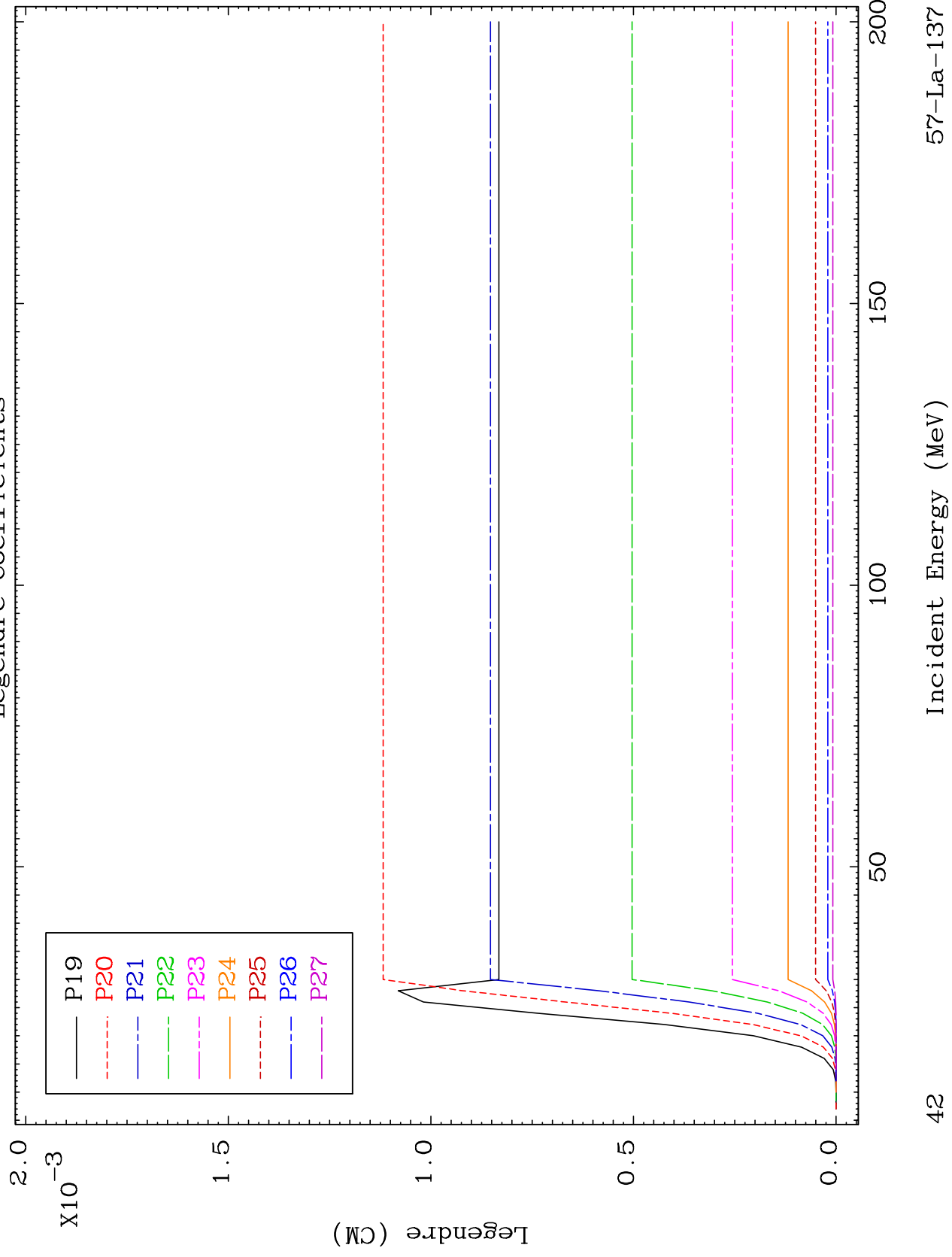
57-La-137

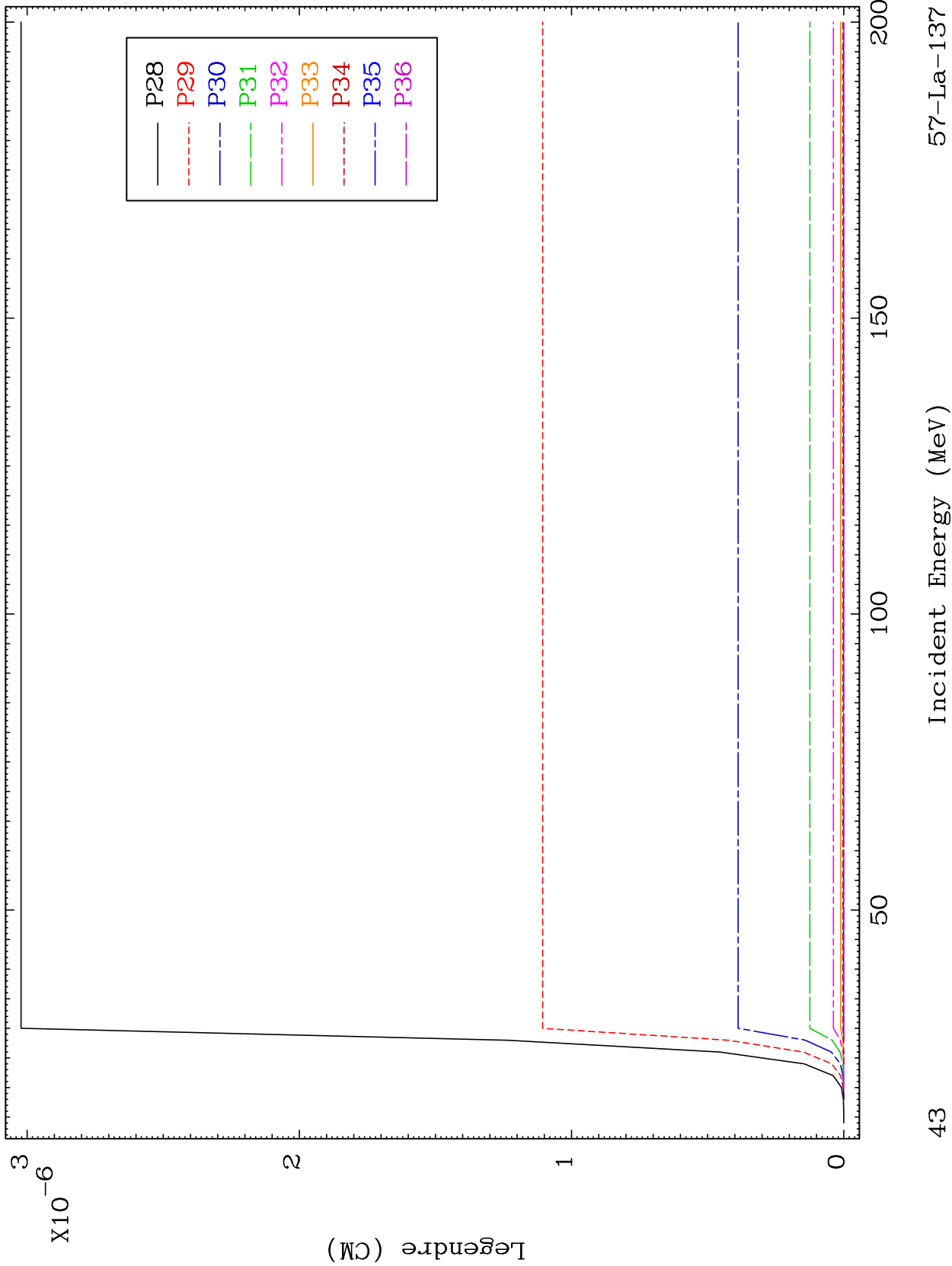


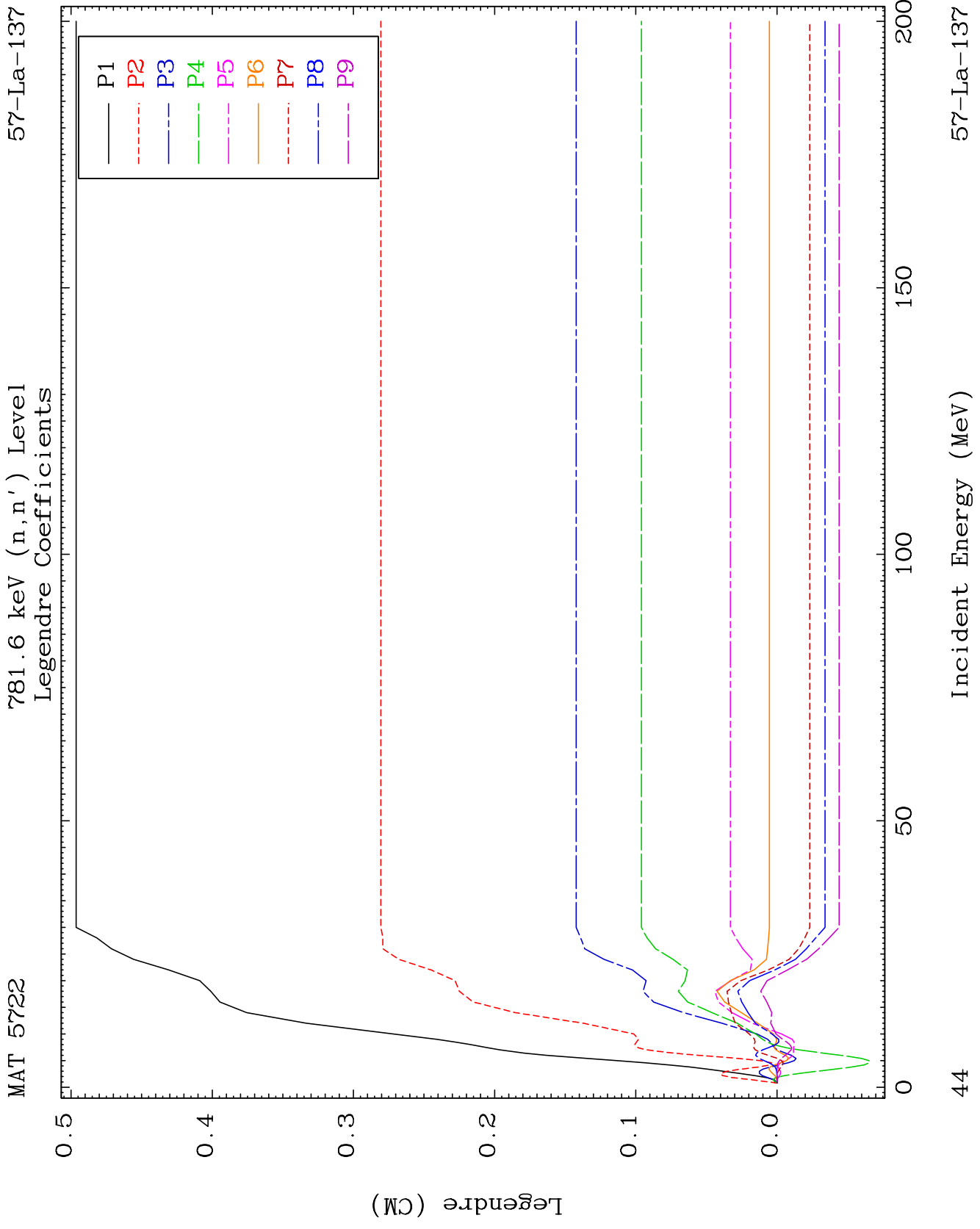
MAT 5722

762.3 keV (n,n') Level
Legendre Coefficients

57-La-137



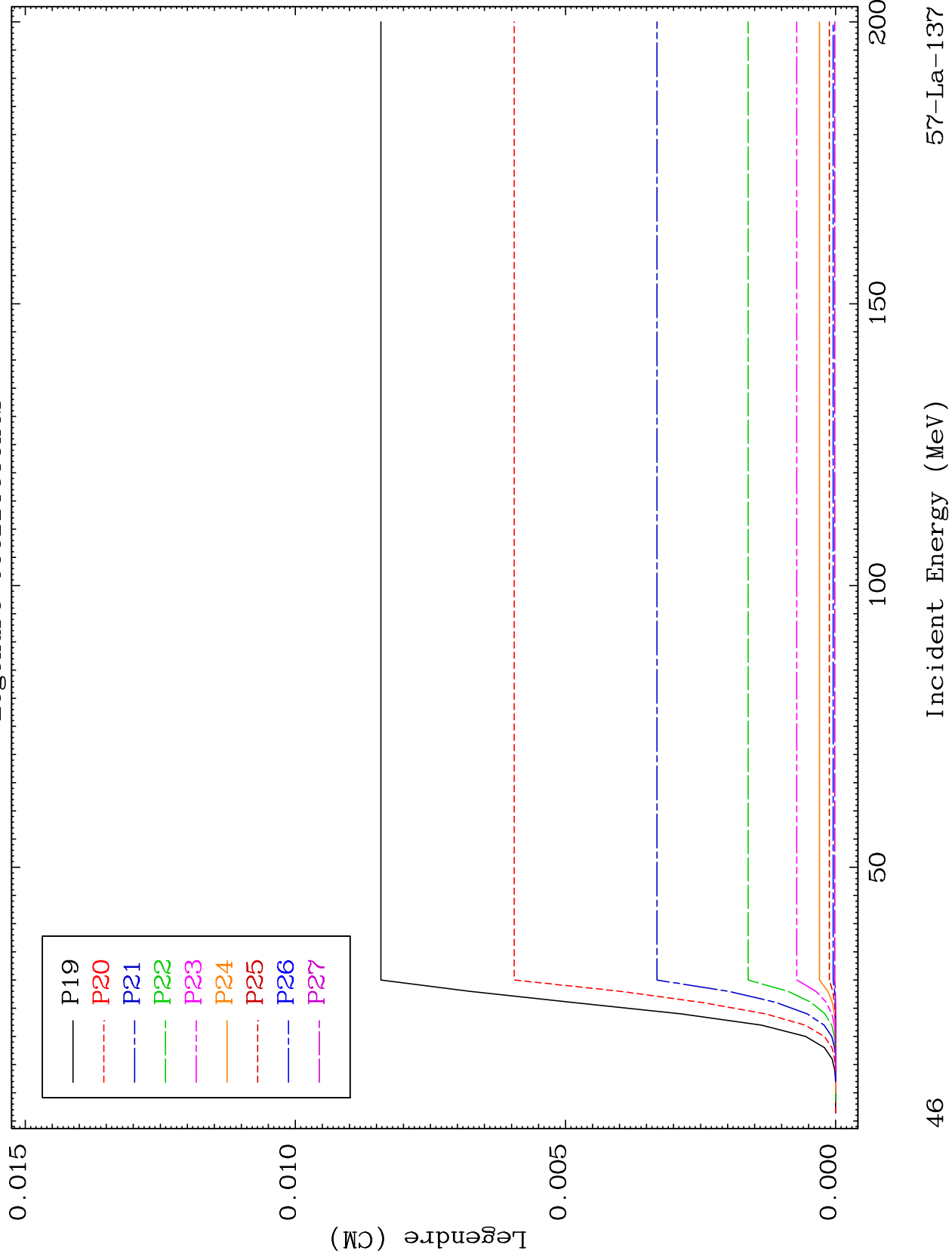




MAT 5722

781.6 keV (n,n') Level
Legendre Coefficients

57-La-137



46

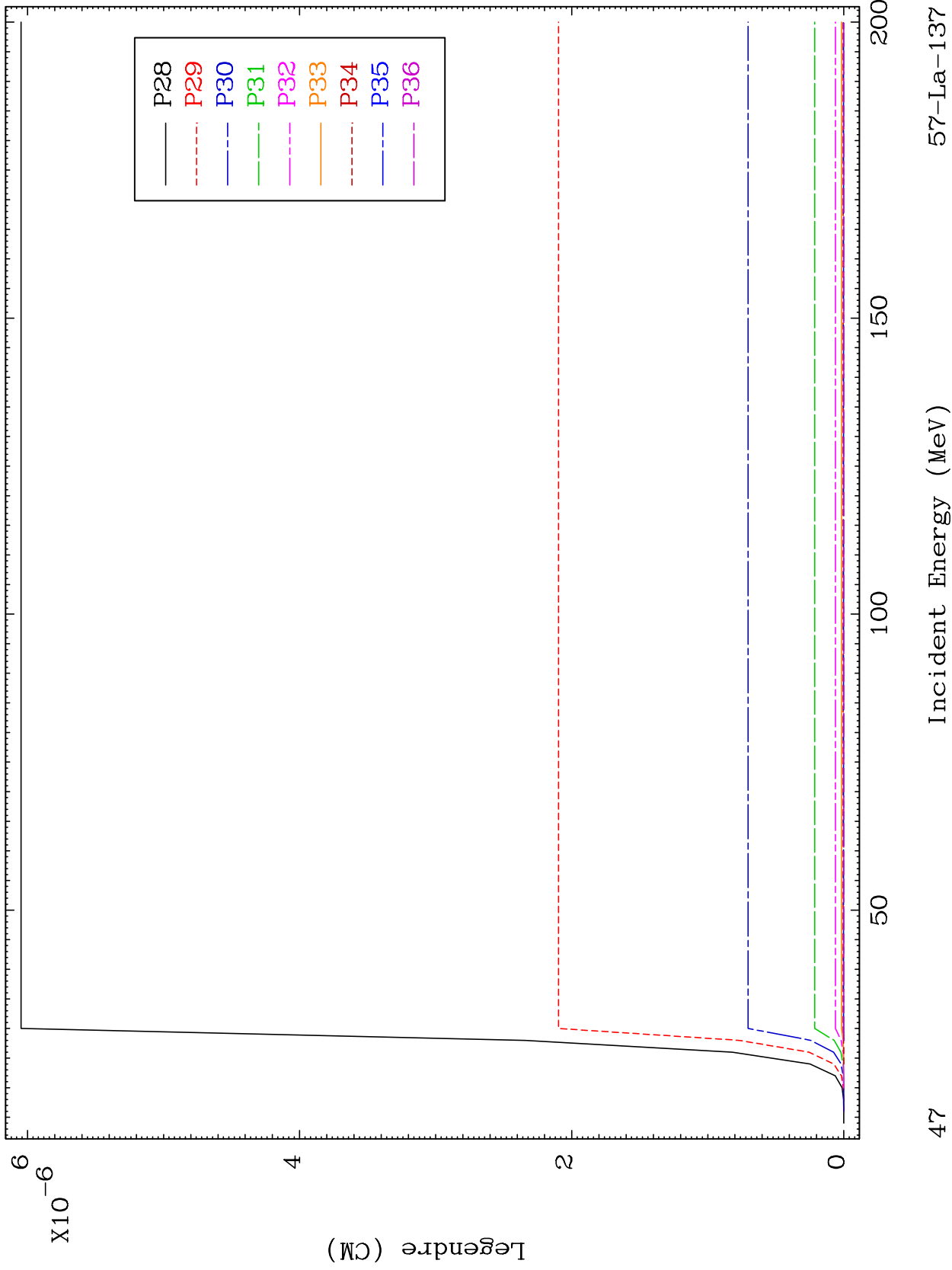
Incident Energy (MeV)

57-La-137

MAT 5722

781.6 keV (n,n') Level
Legendre Coefficients

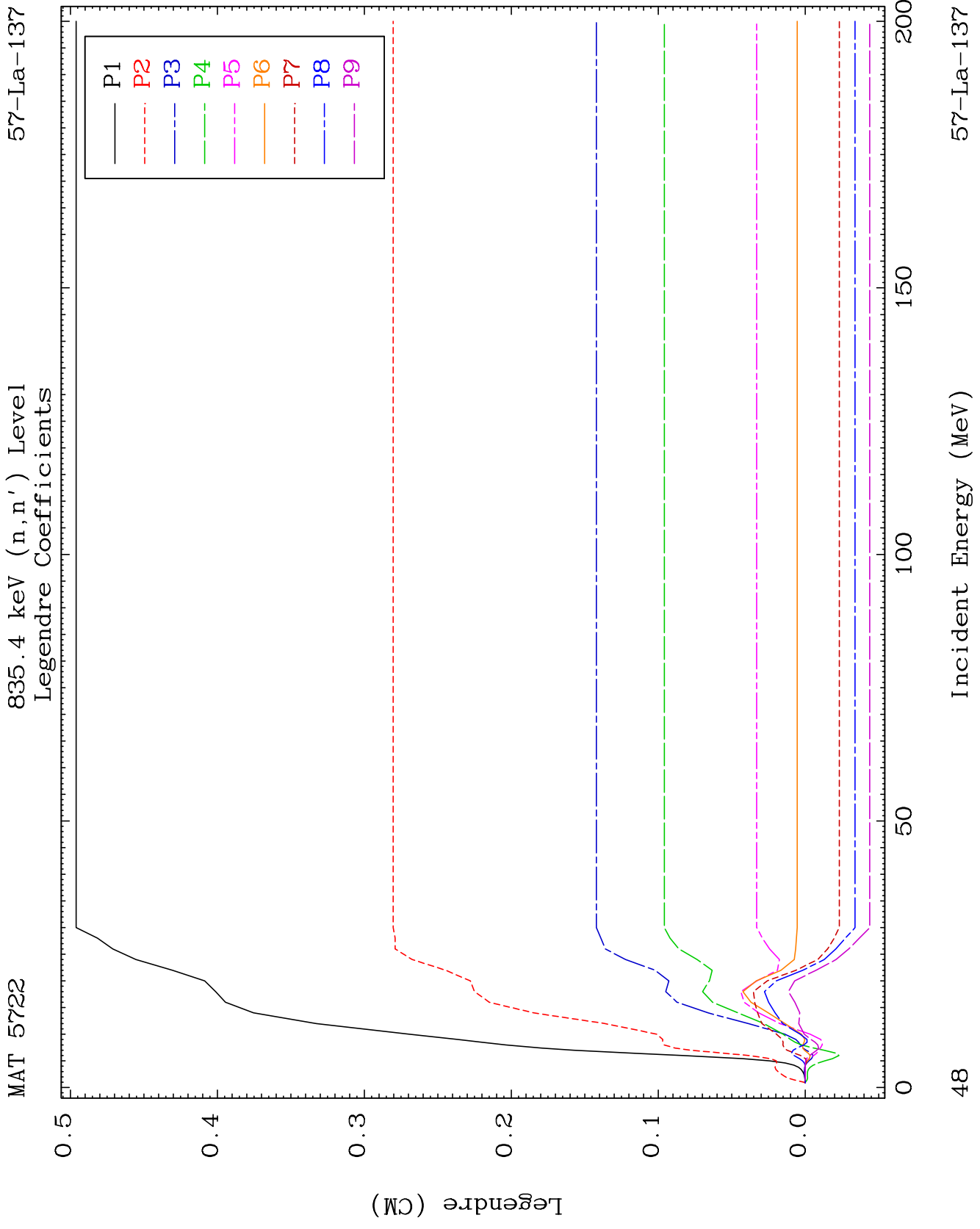
57-La-137



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Incident Energy (MeV)

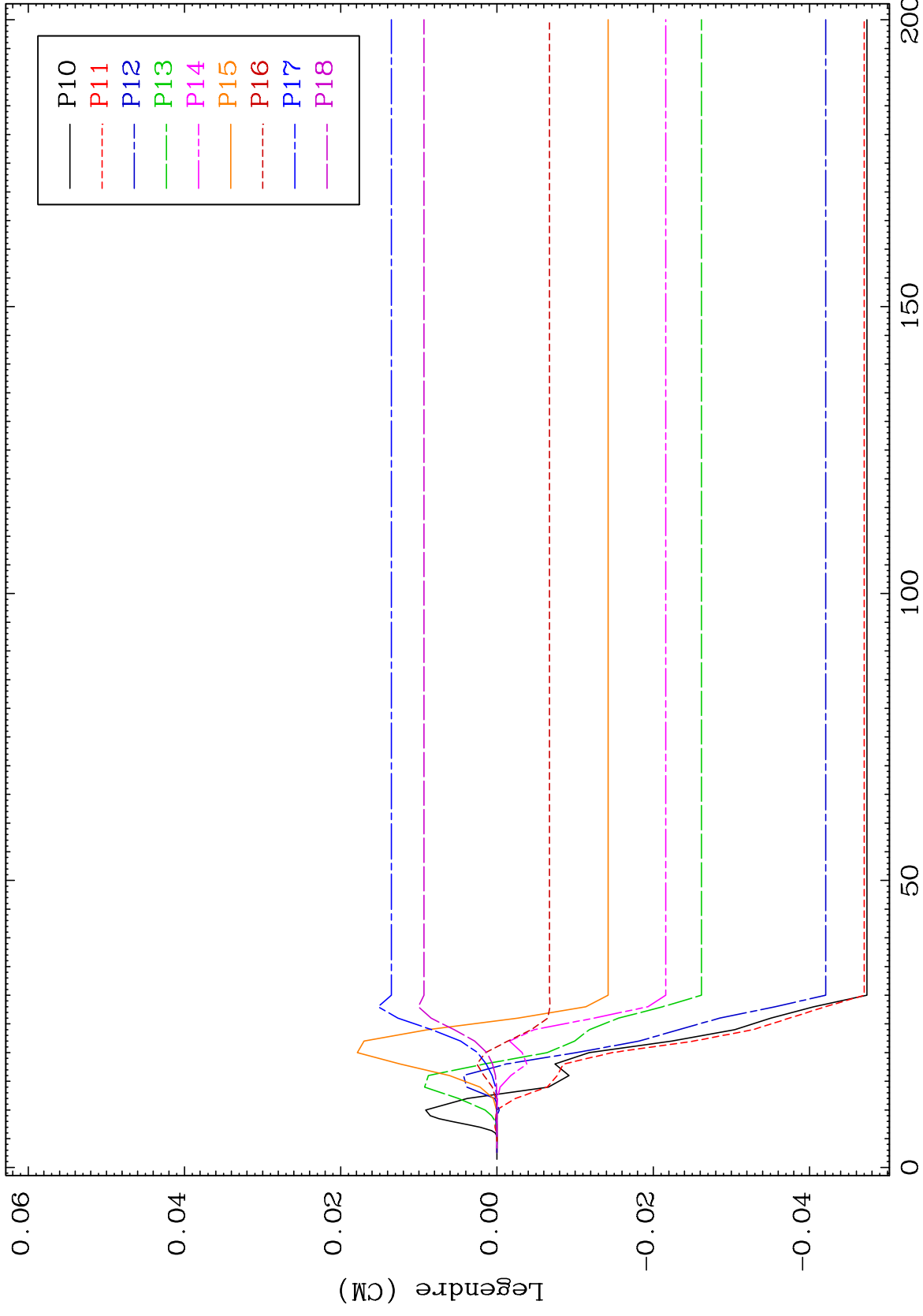
57-La-137



MAT 5722

835.4 keV (n,n') Level
Legendre Coefficients

57-La-137



49

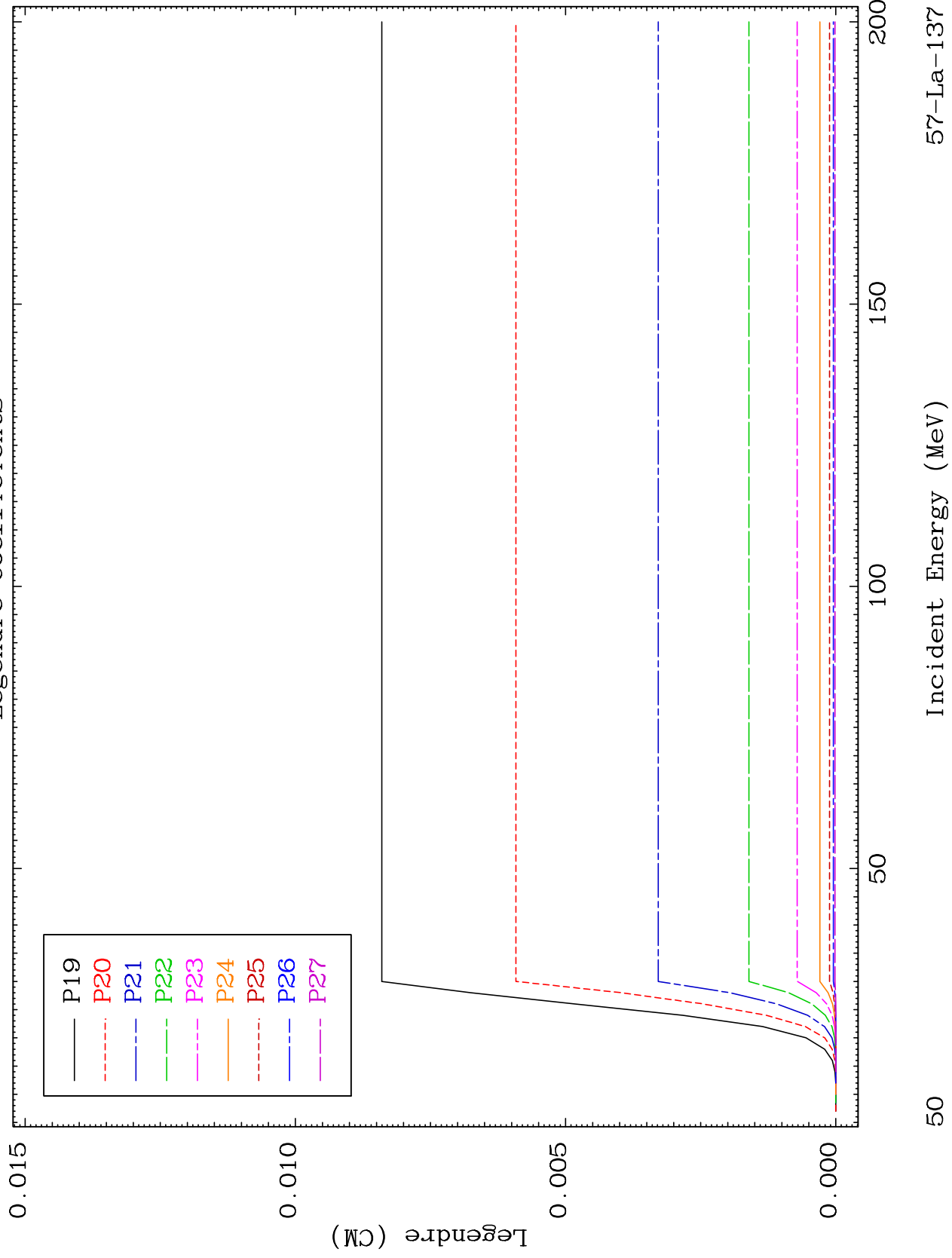
Incident Energy (MeV)

57-La-137

MAT 5722

835.4 keV (n,n') Level
Legendre Coefficients

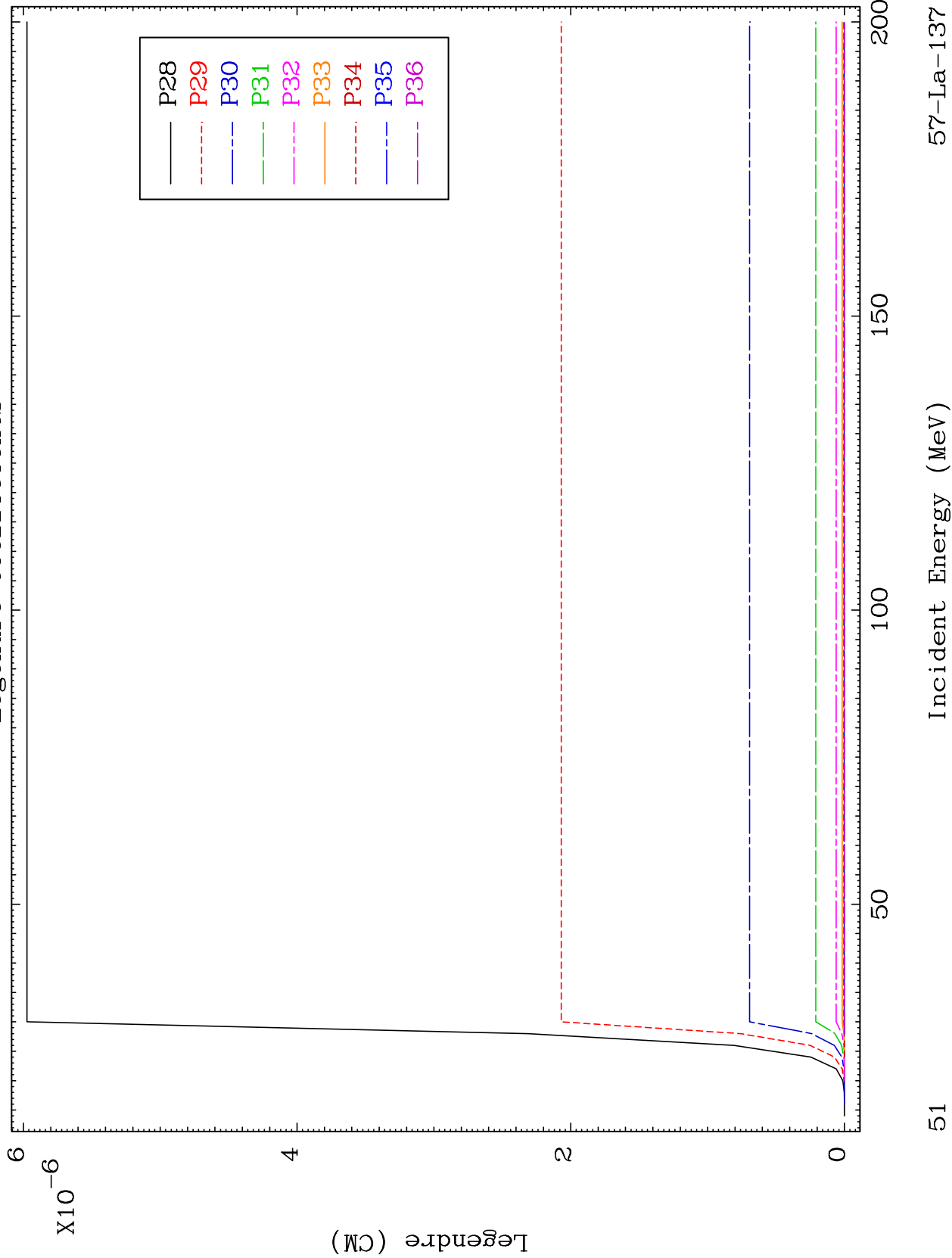
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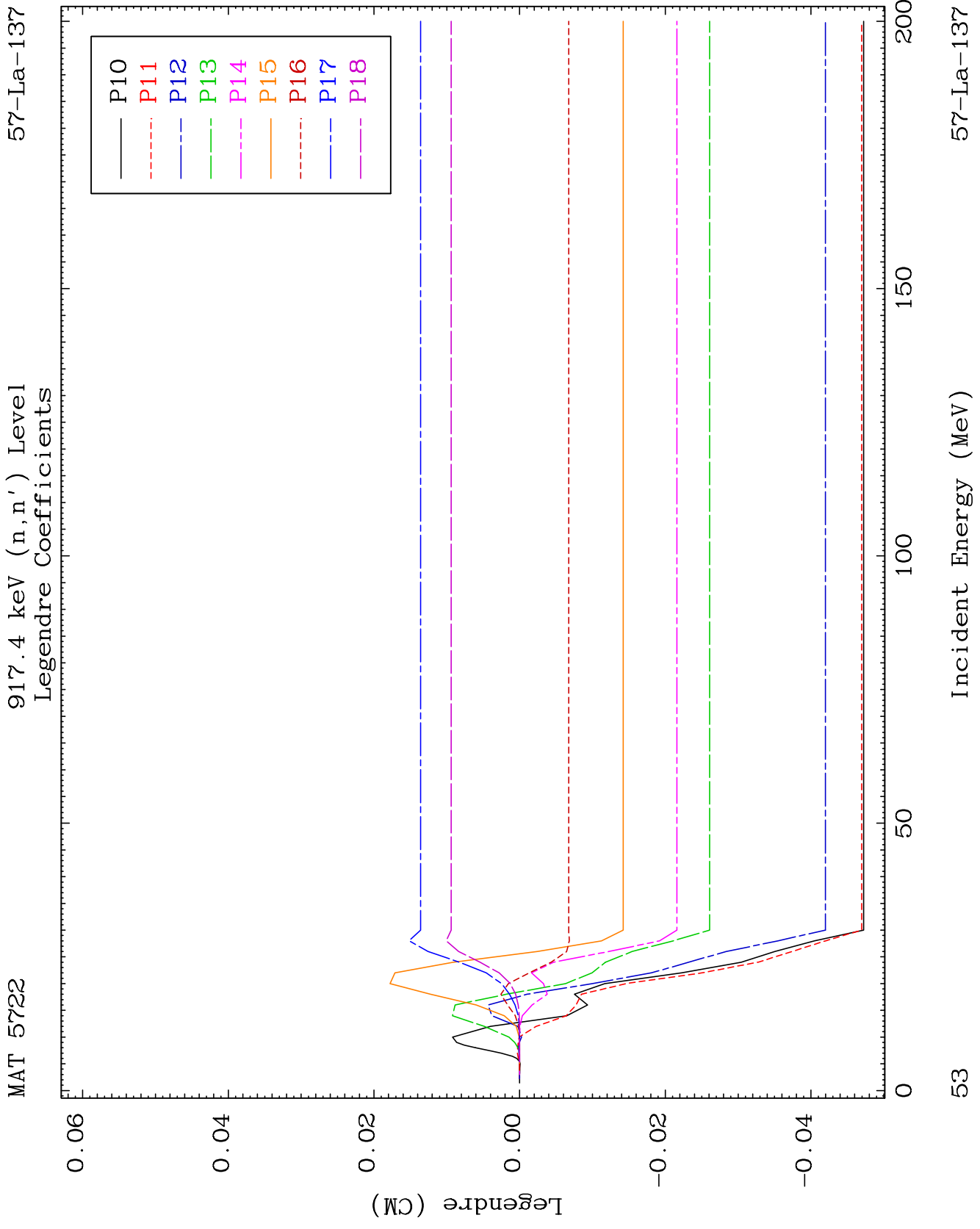


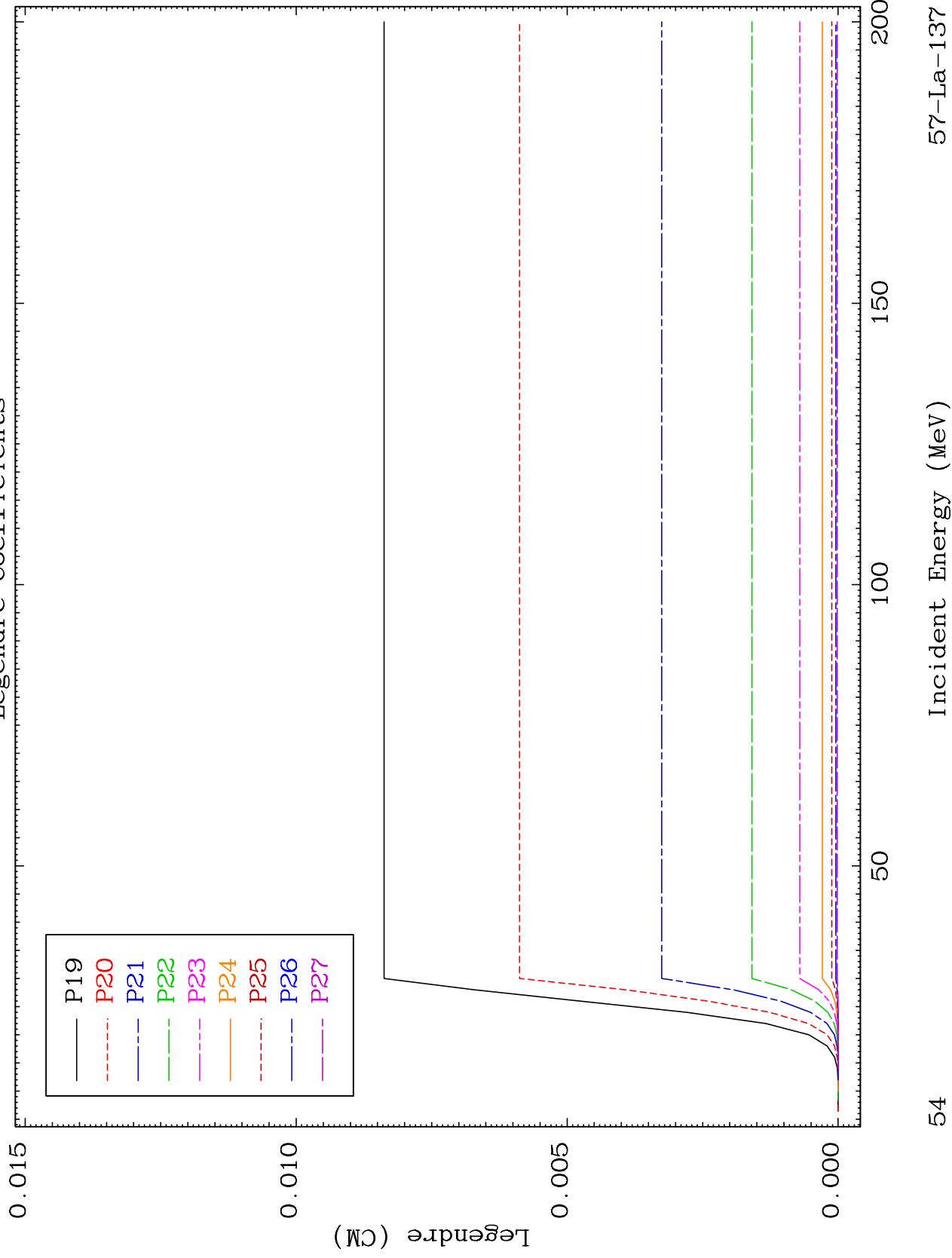
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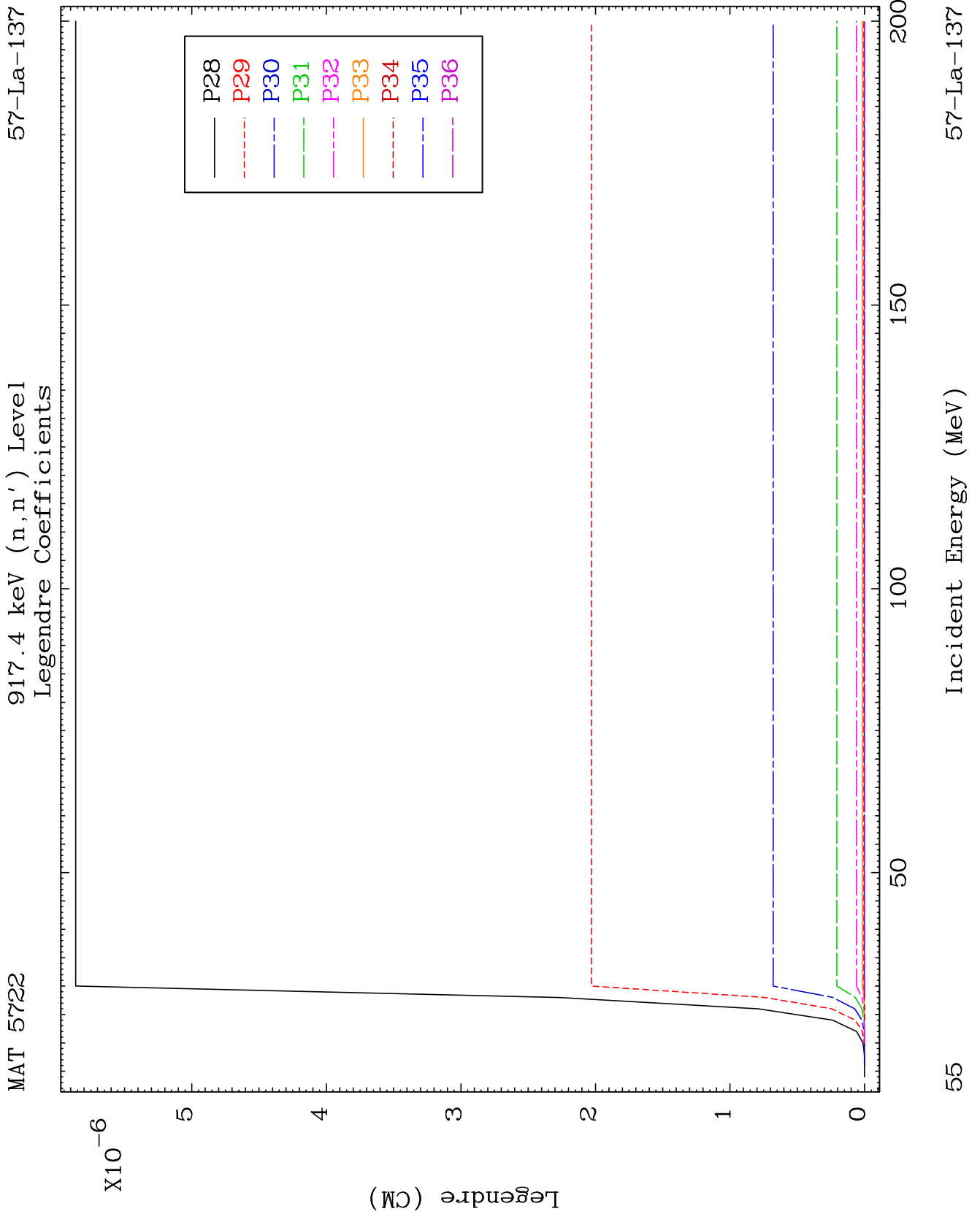
Incident Energy (MeV)

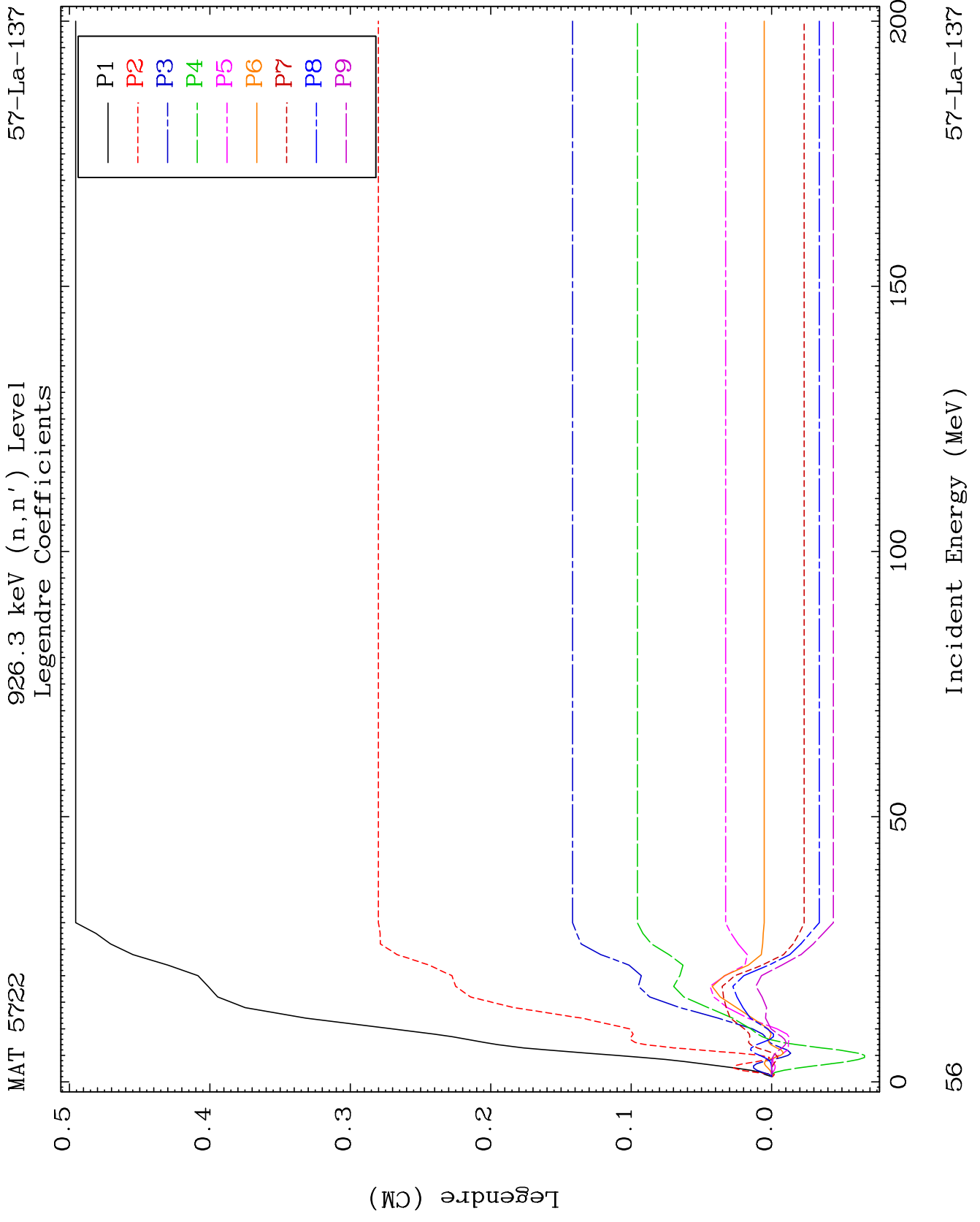
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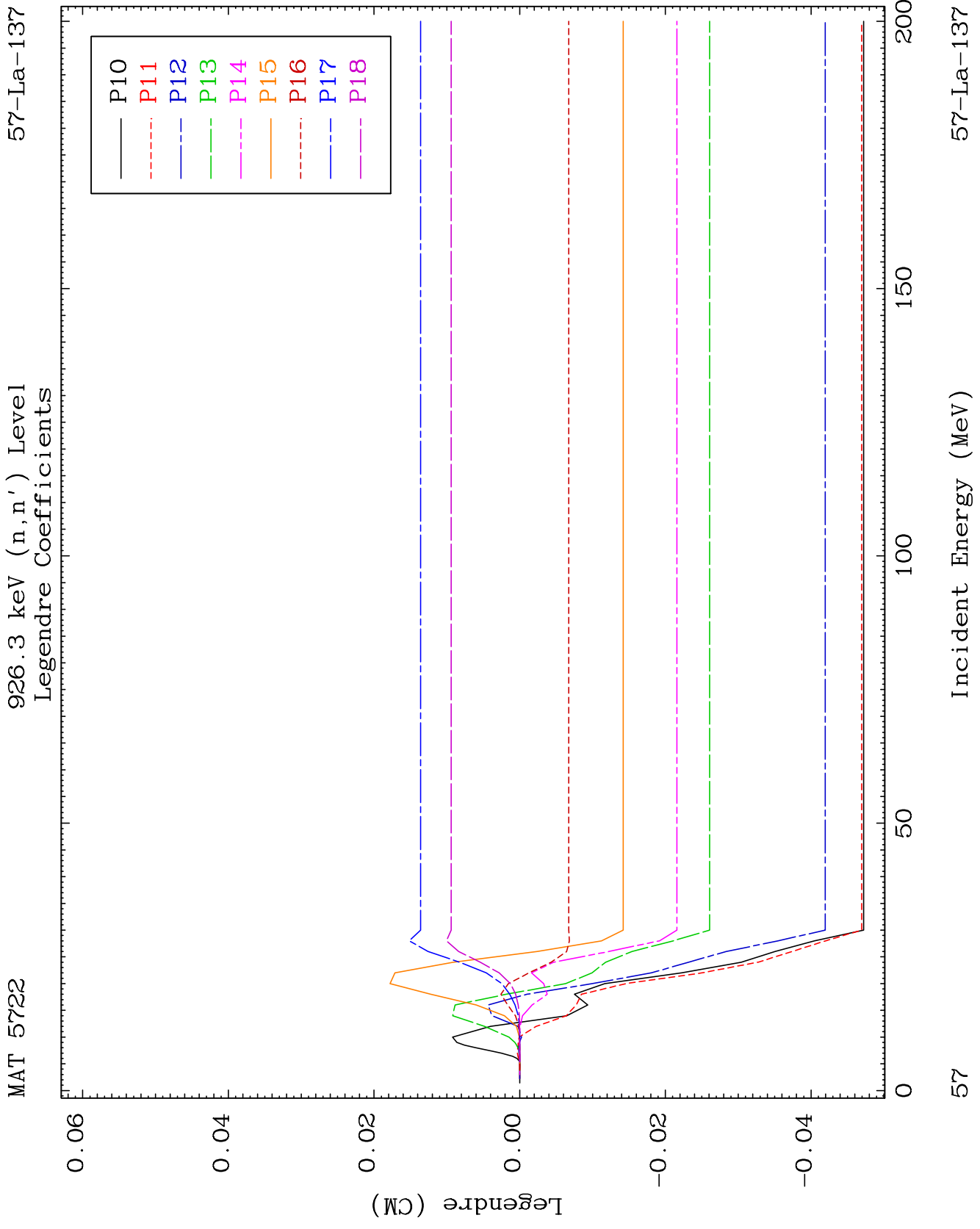


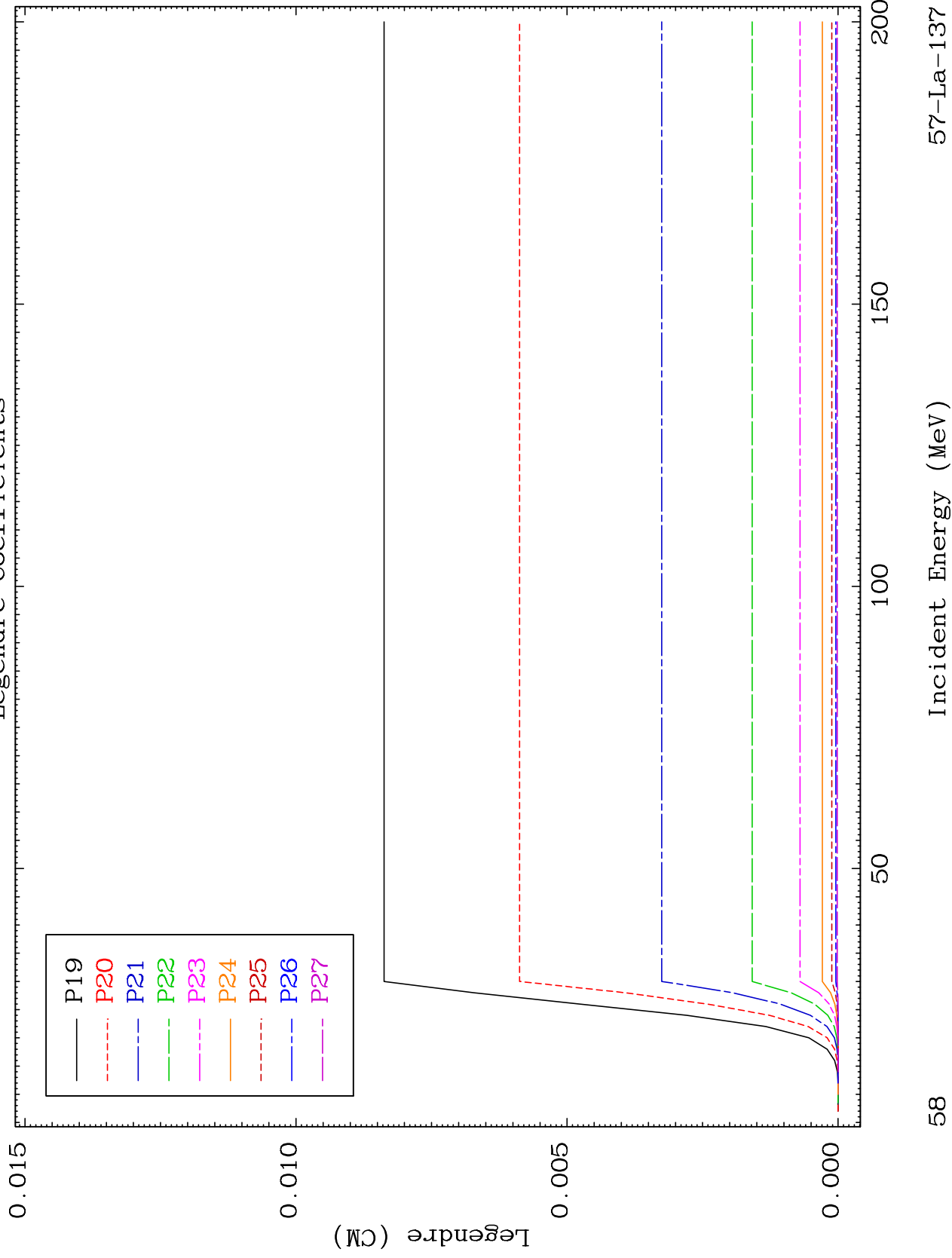








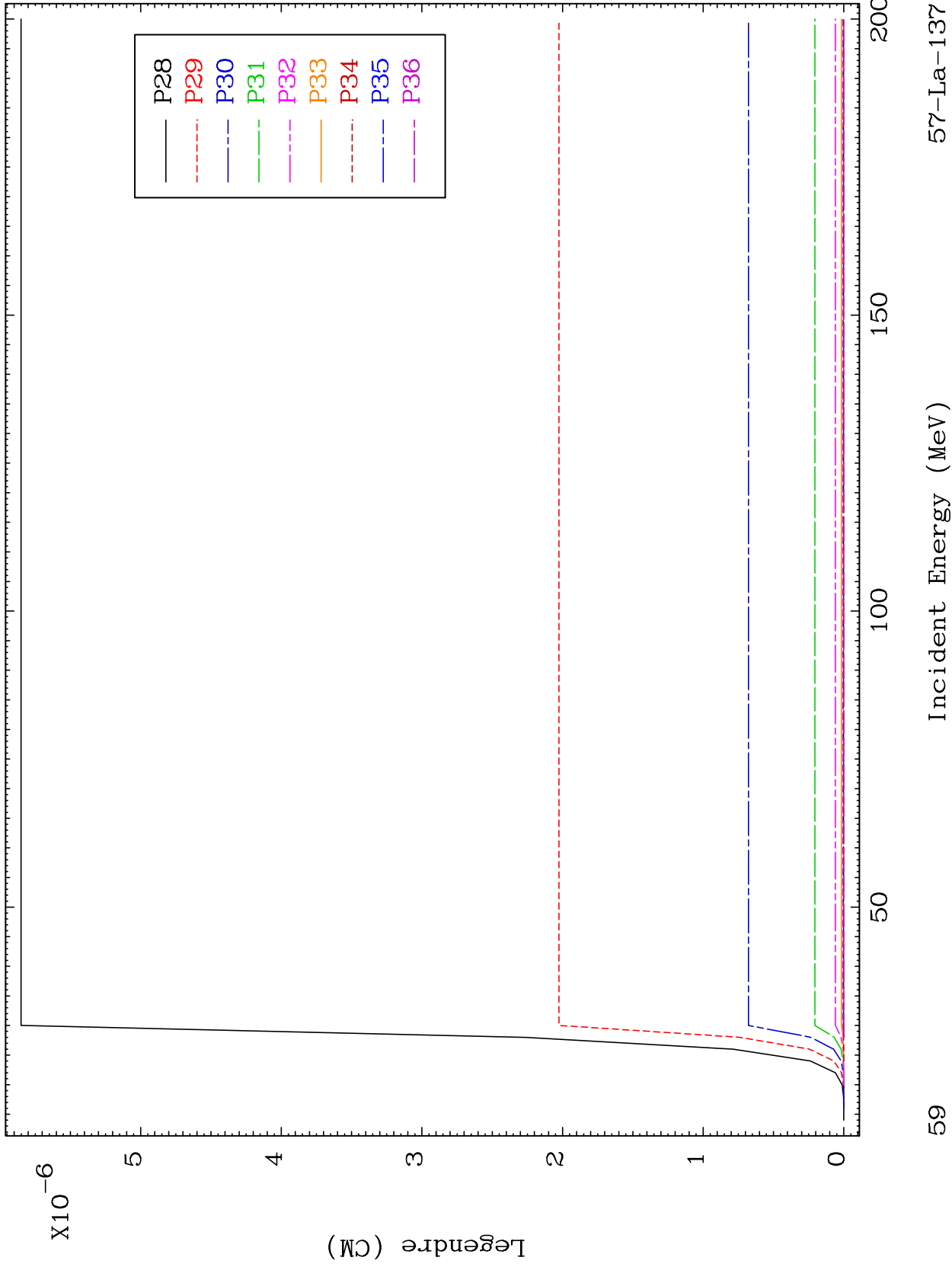




MAT 5722

926.3 keV (n,n') Level
Legendre Coefficients

57-La-137



59

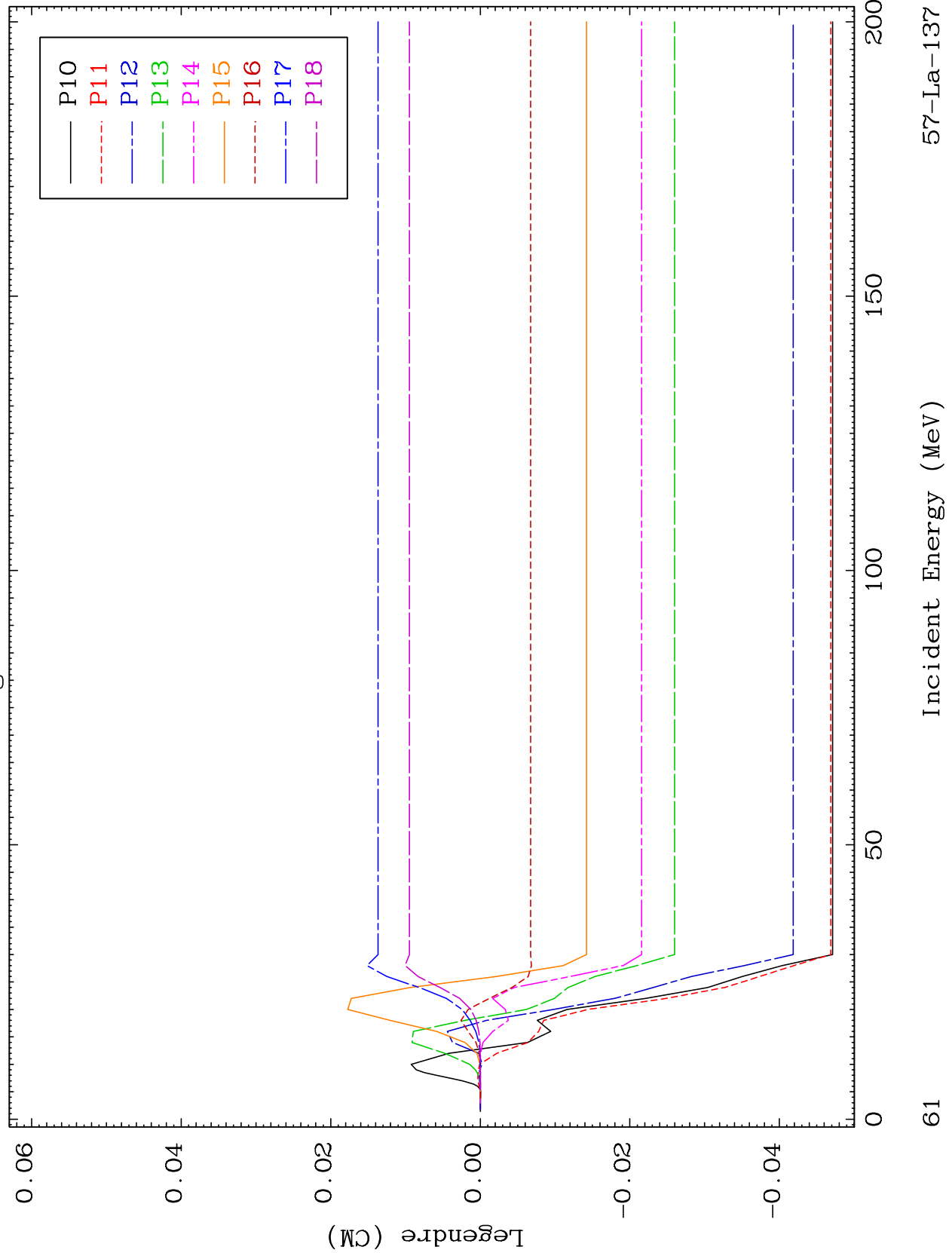
Incident Energy (MeV)

57-La-137

MAT 5722

1.005 MeV (n,n') Level
Legendre Coefficients

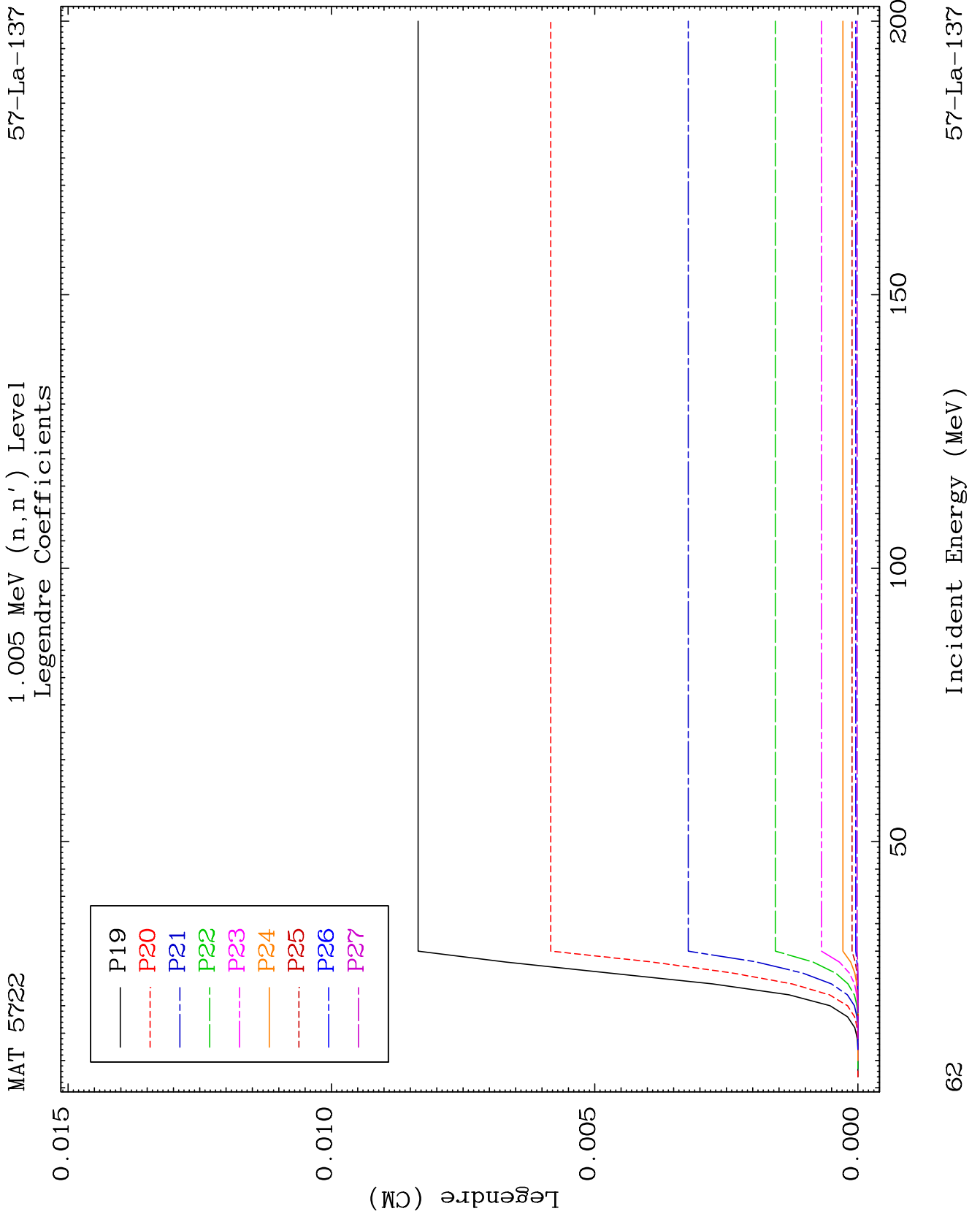
57-La-137



61

Incident Energy (MeV)

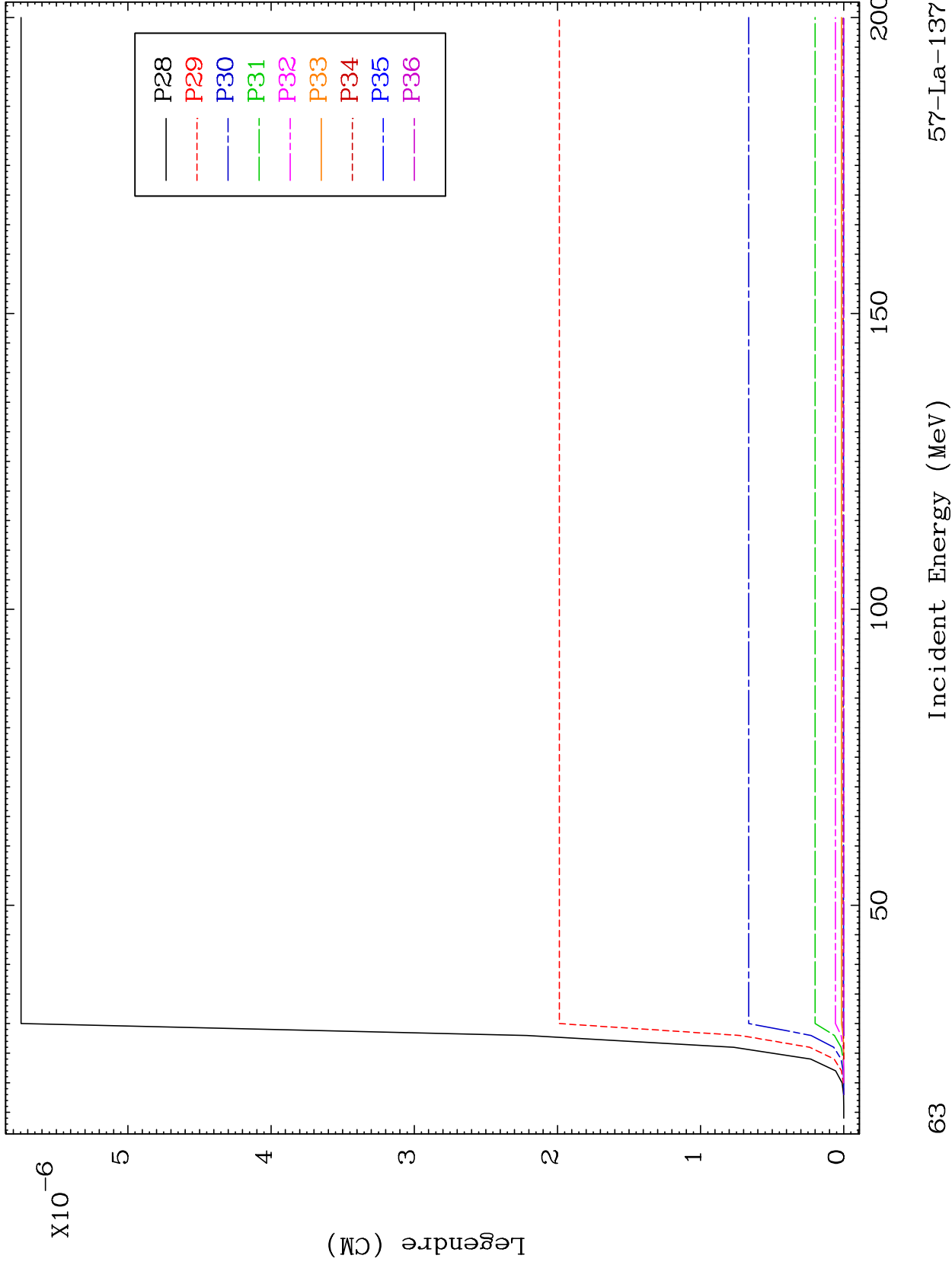
57-La-137



MAT 5722

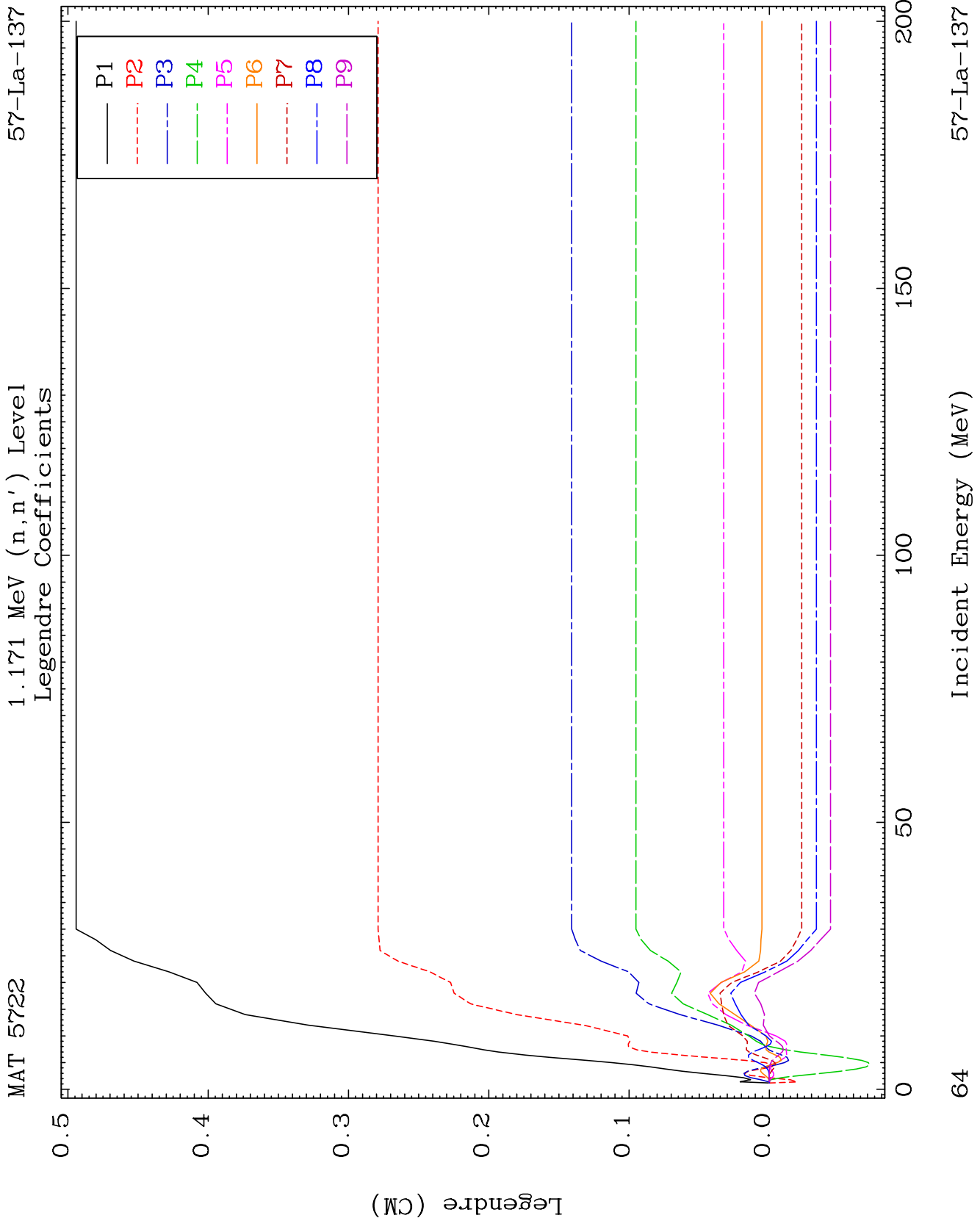
1.005 MeV (n,n') Level
Legendre Coefficients

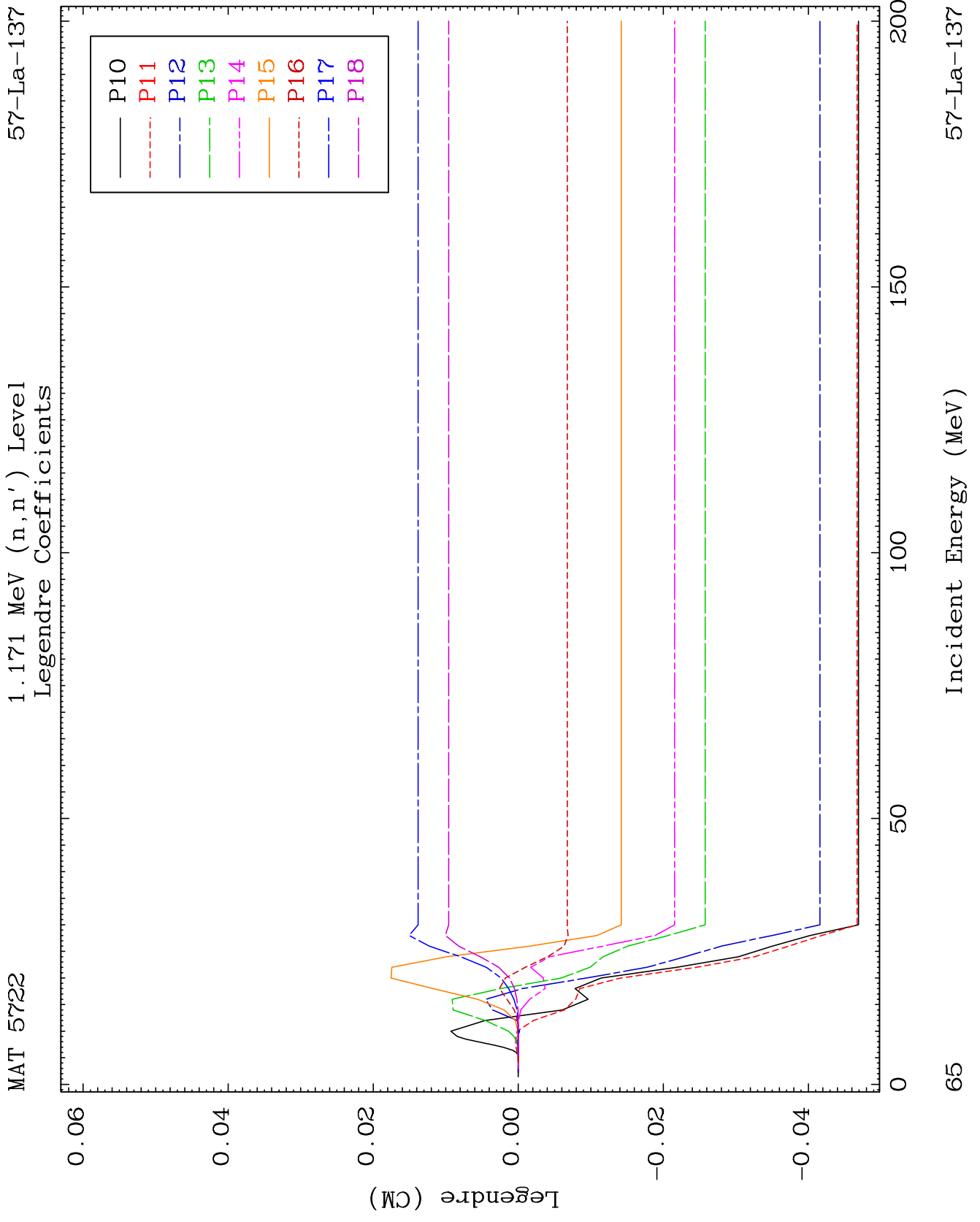
57-La-137

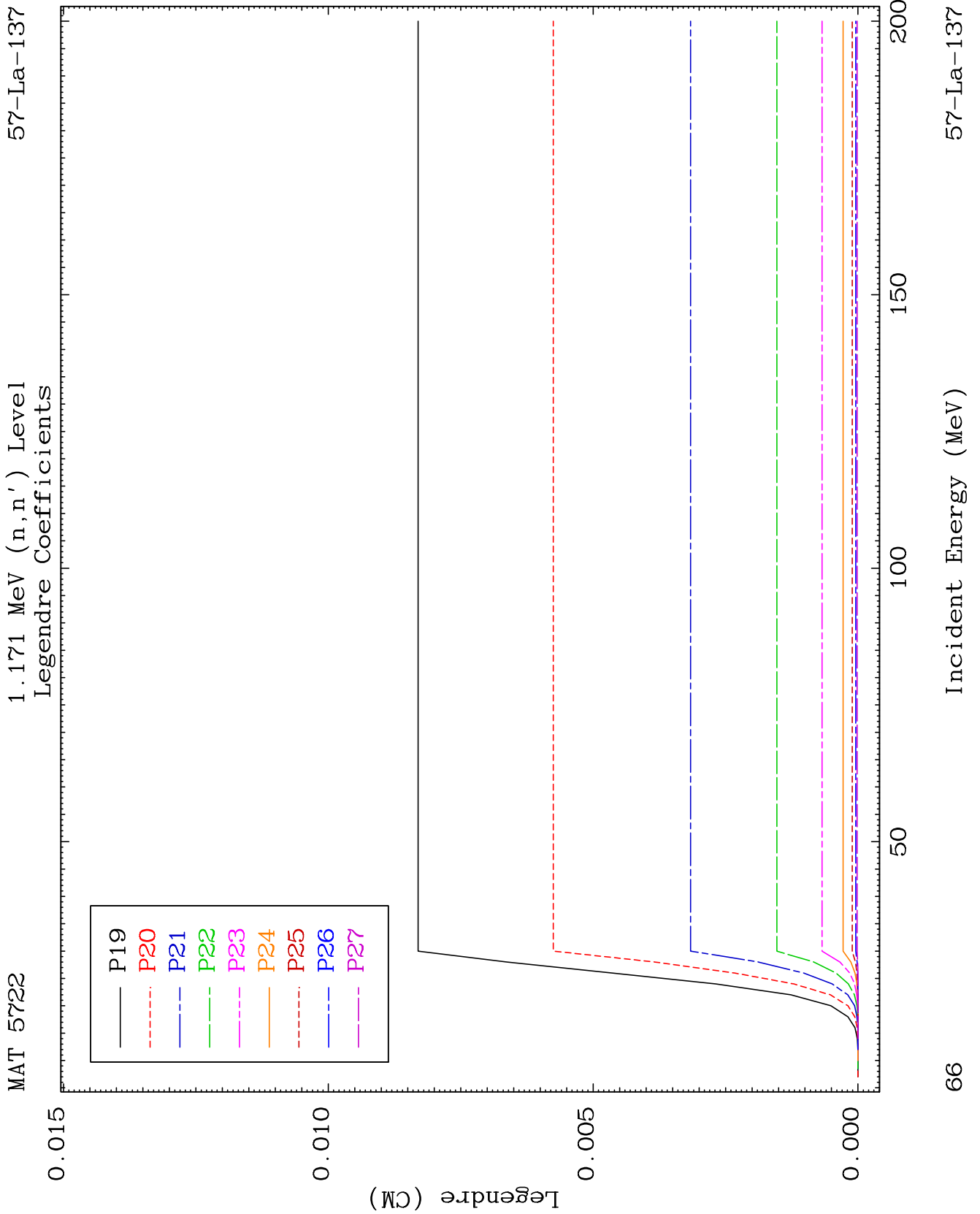


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57-La-137



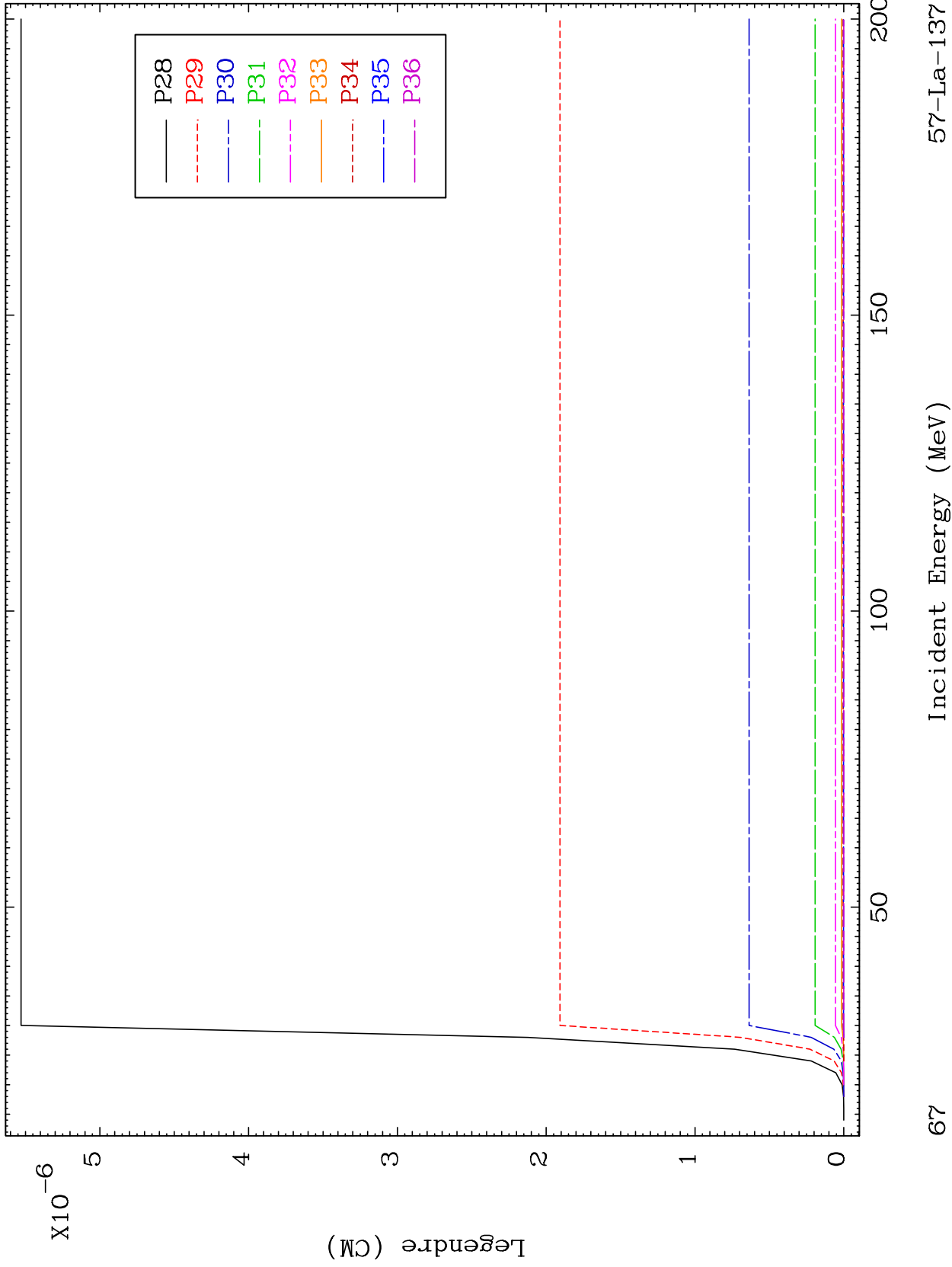


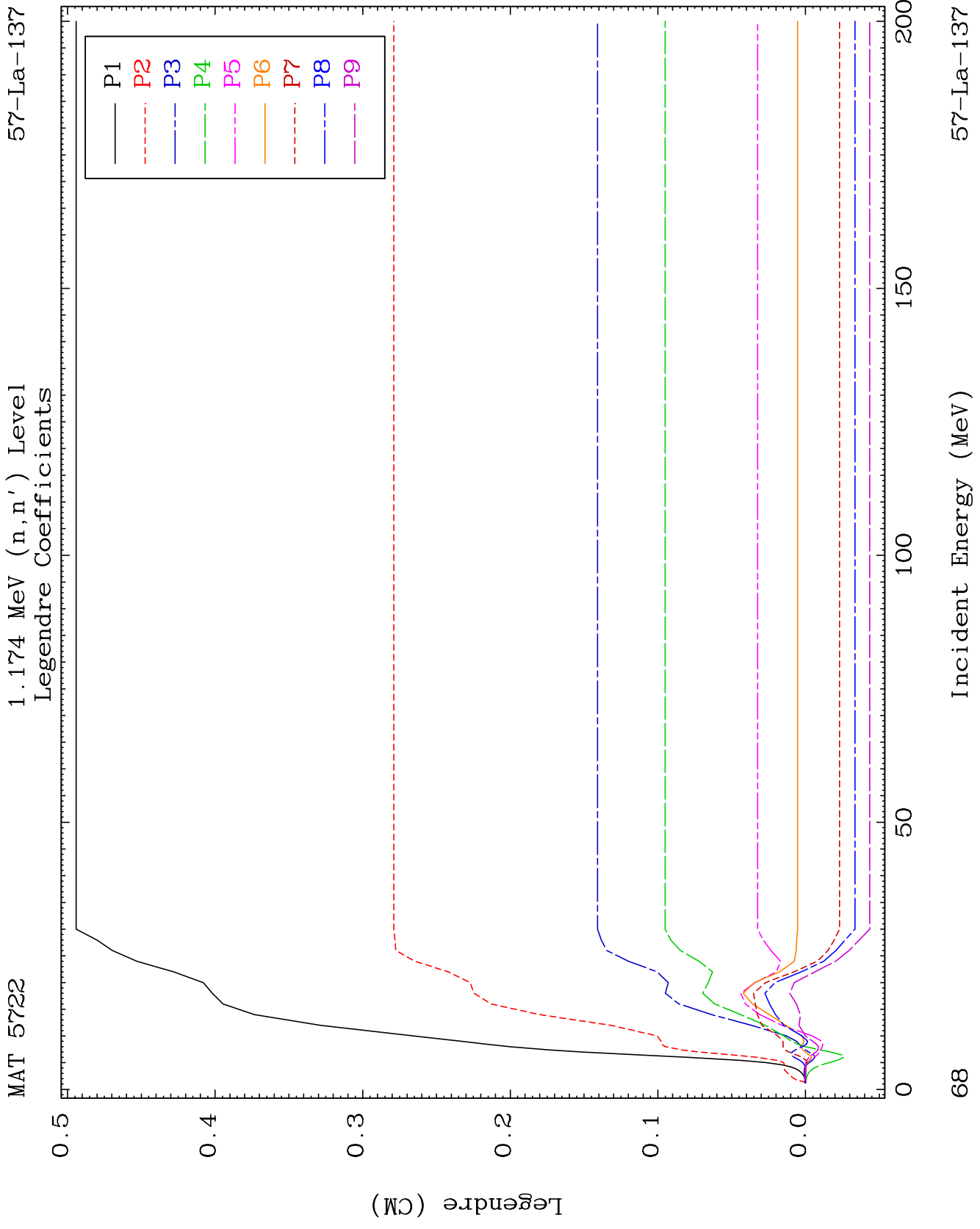


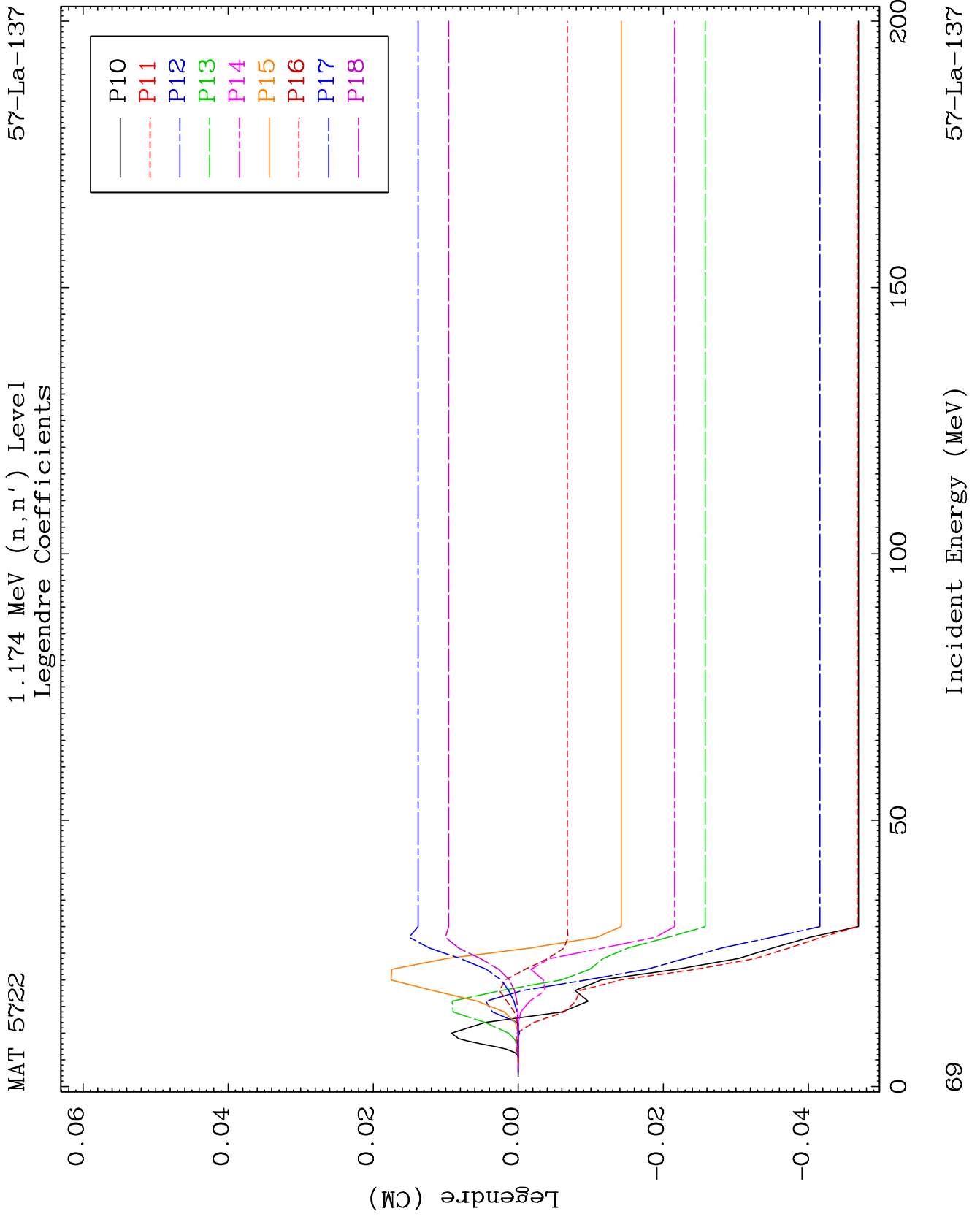
MAT 5722

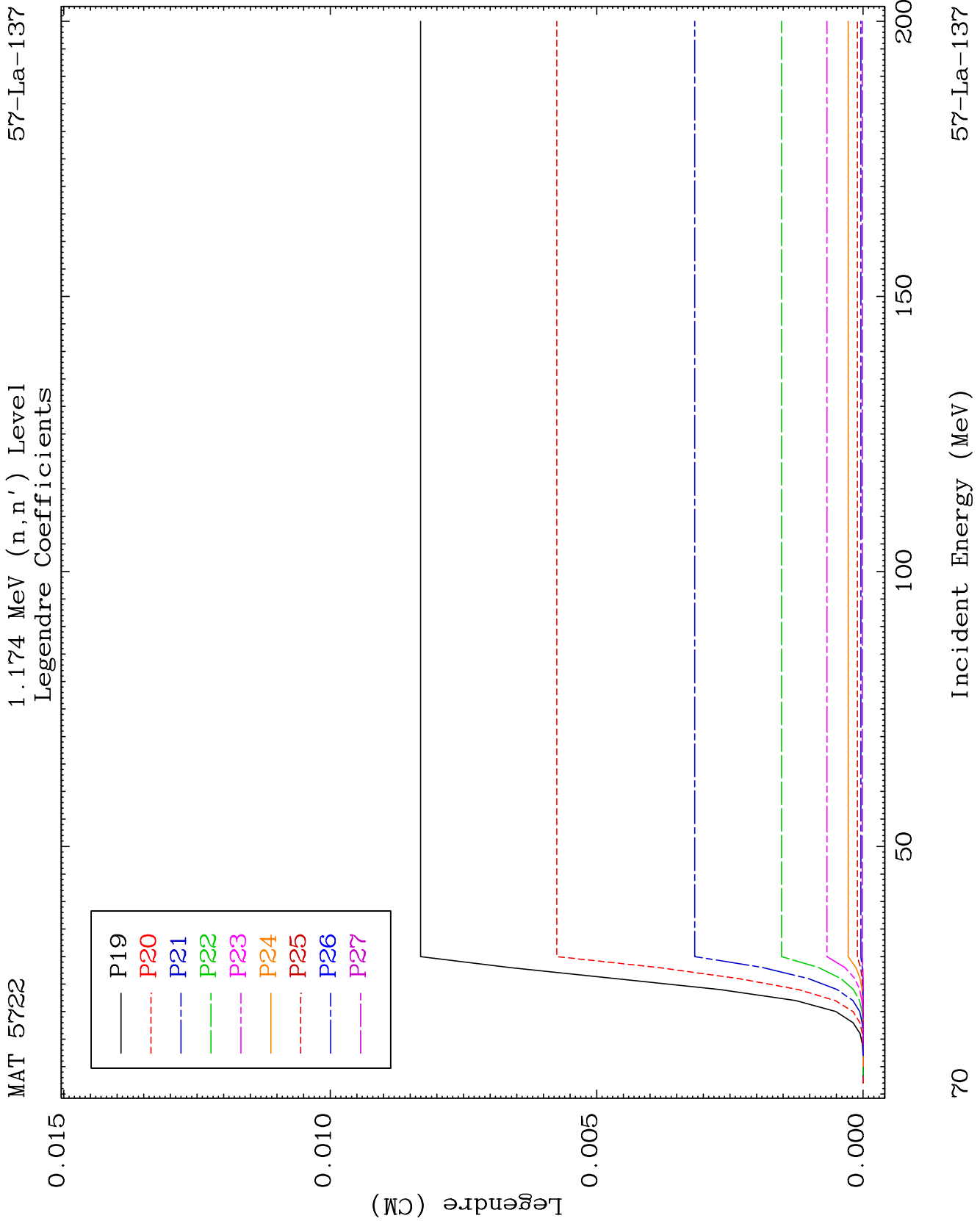
1.171 MeV (n,n') Level
Legendre Coefficients

57-La-137





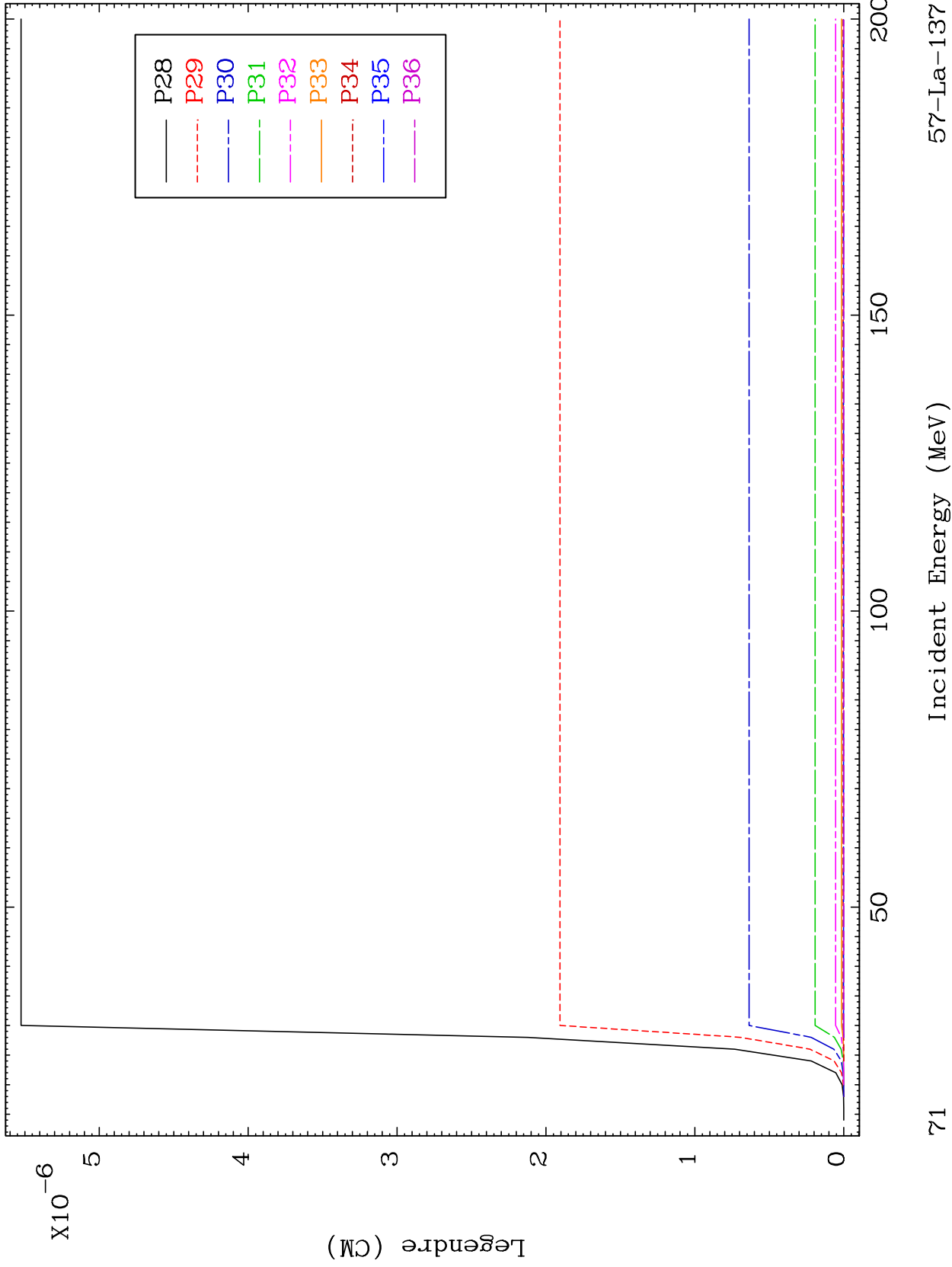


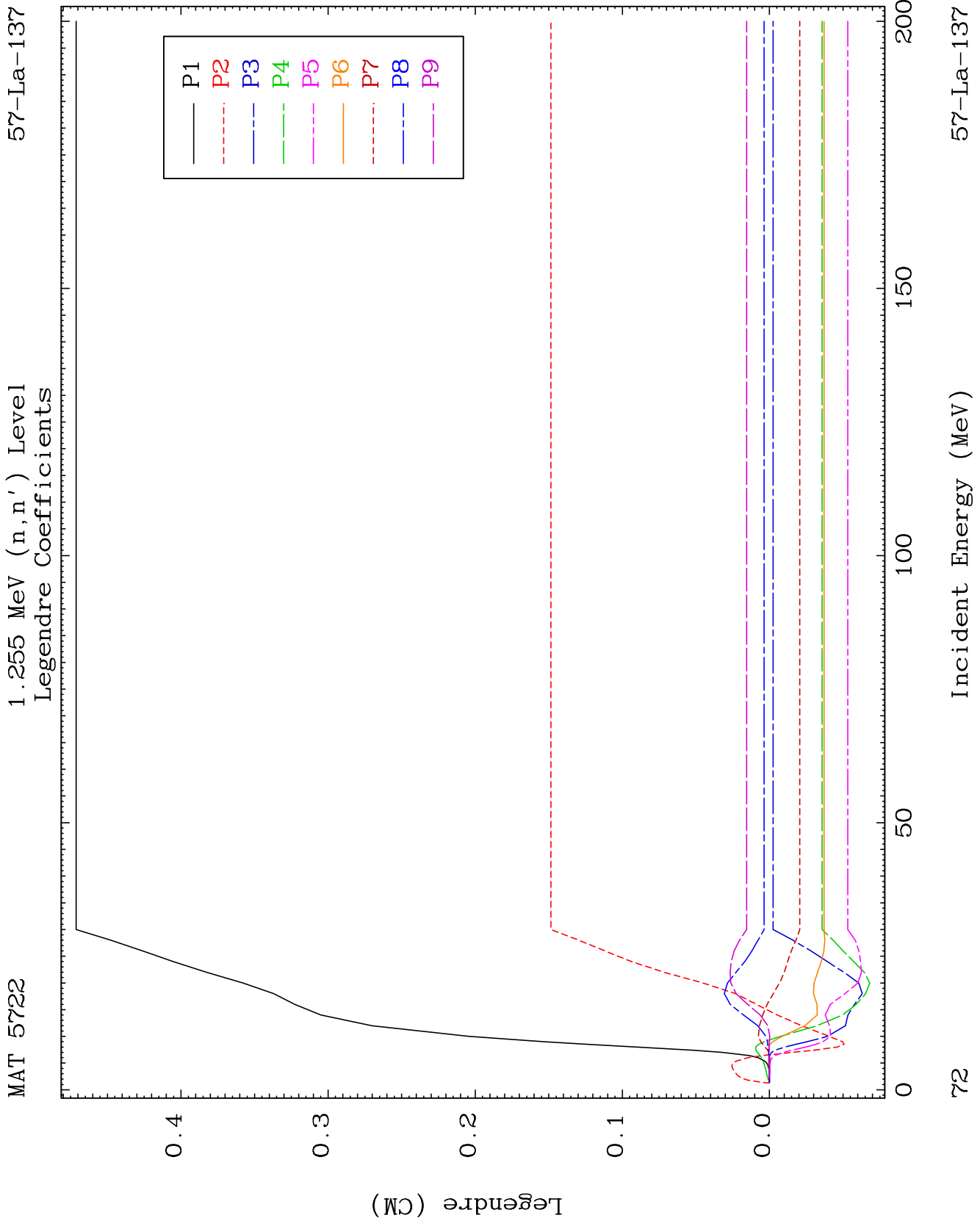


MAT 5722

1.174 MeV (n,n') Level
Legendre Coefficients

57-La-137

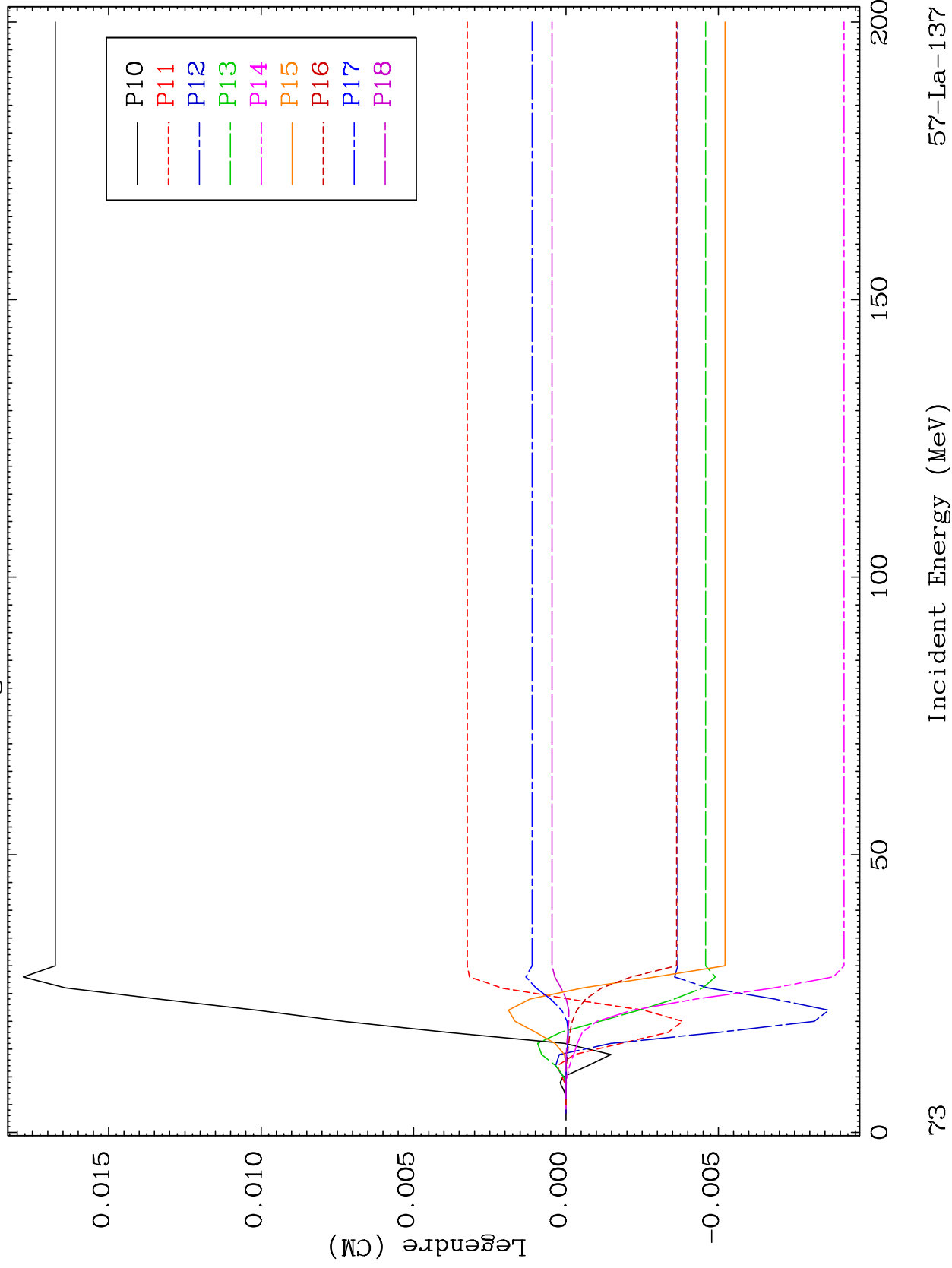




MAT 5722

1.255 MeV (n,n') Level
Legendre Coefficients

57-La-137



73

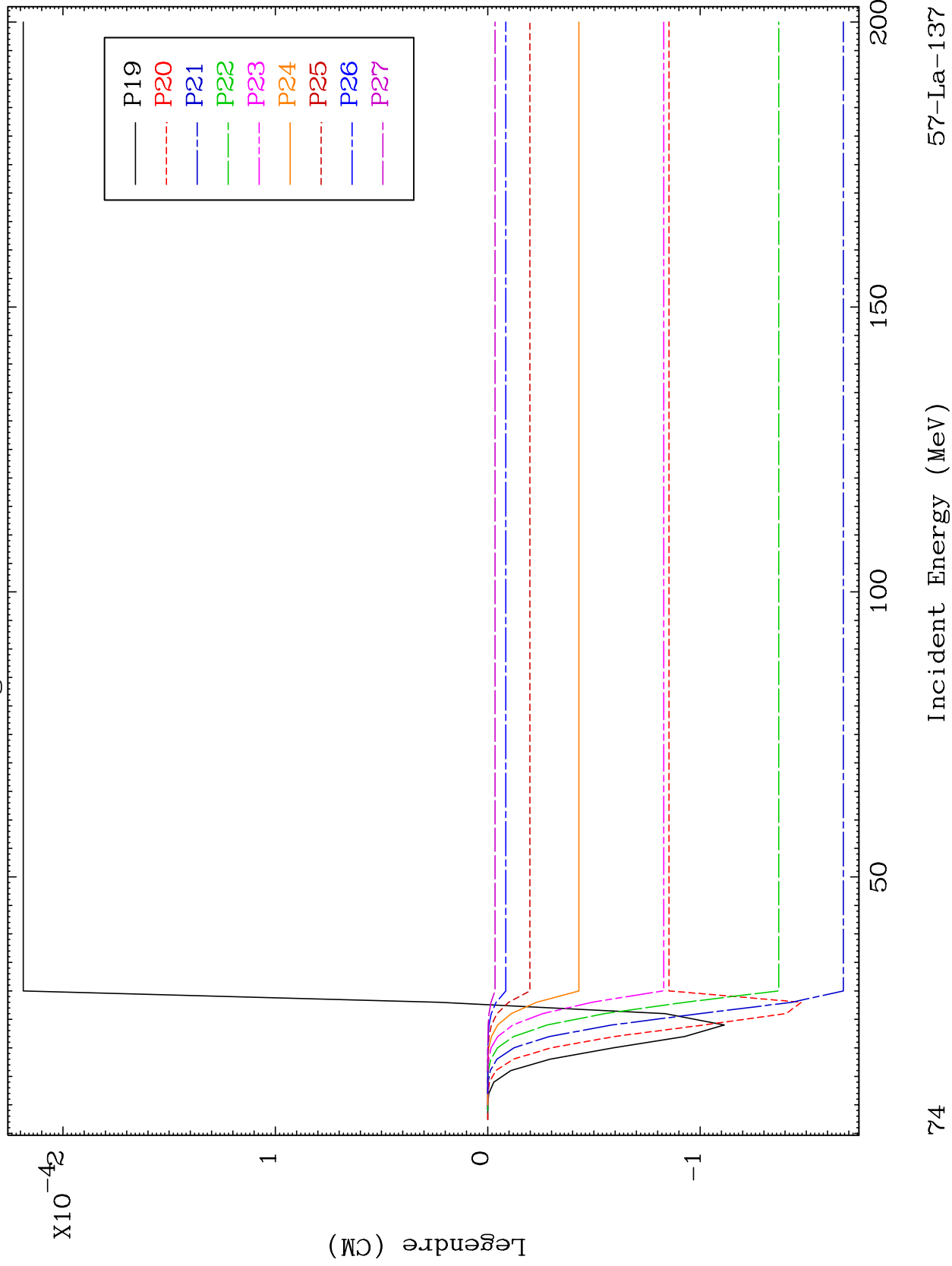
Incident Energy (MeV)

57-La-137

MAT 5722

1.255 MeV (n,n') Level
Legendre Coefficients

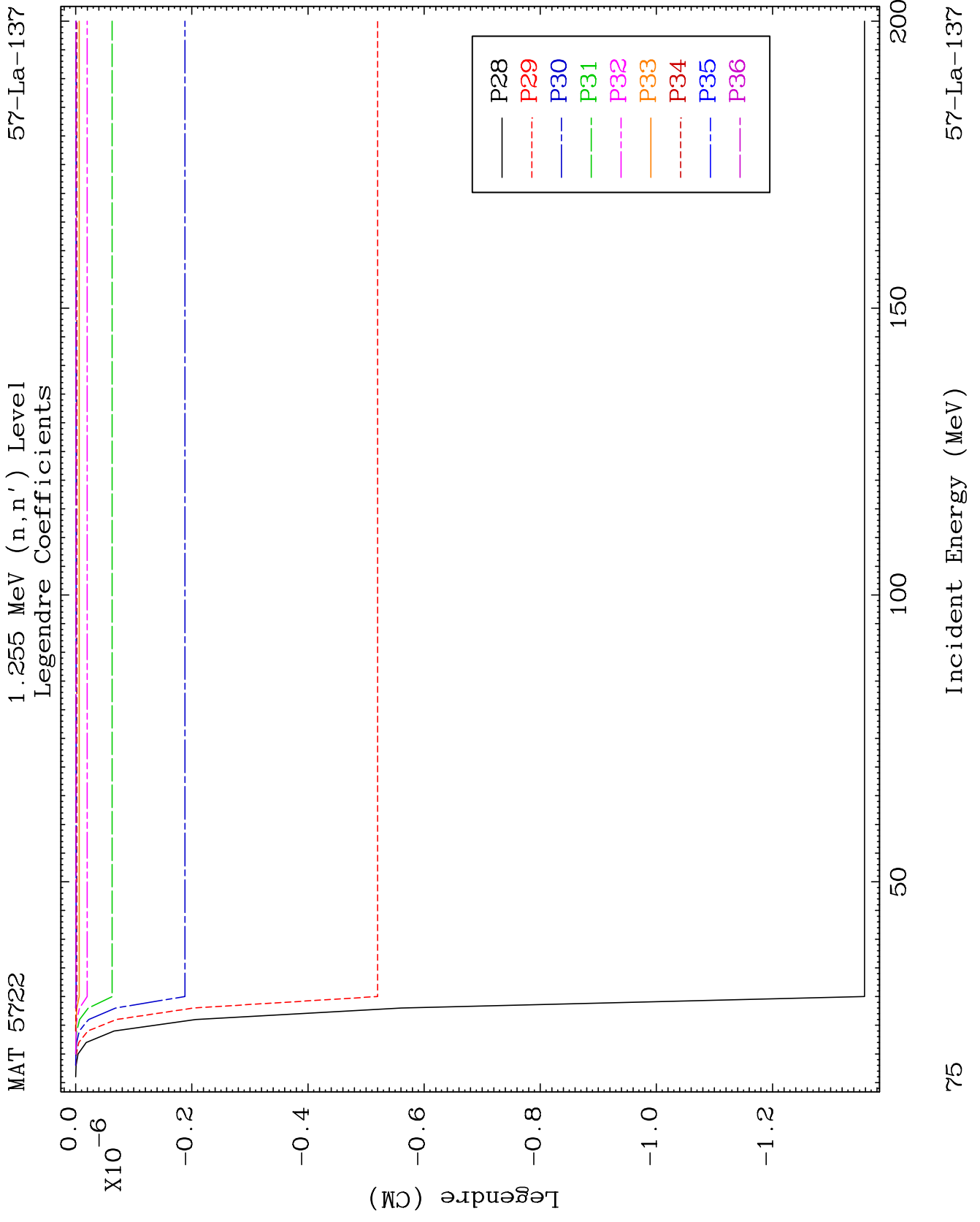
57-La-137

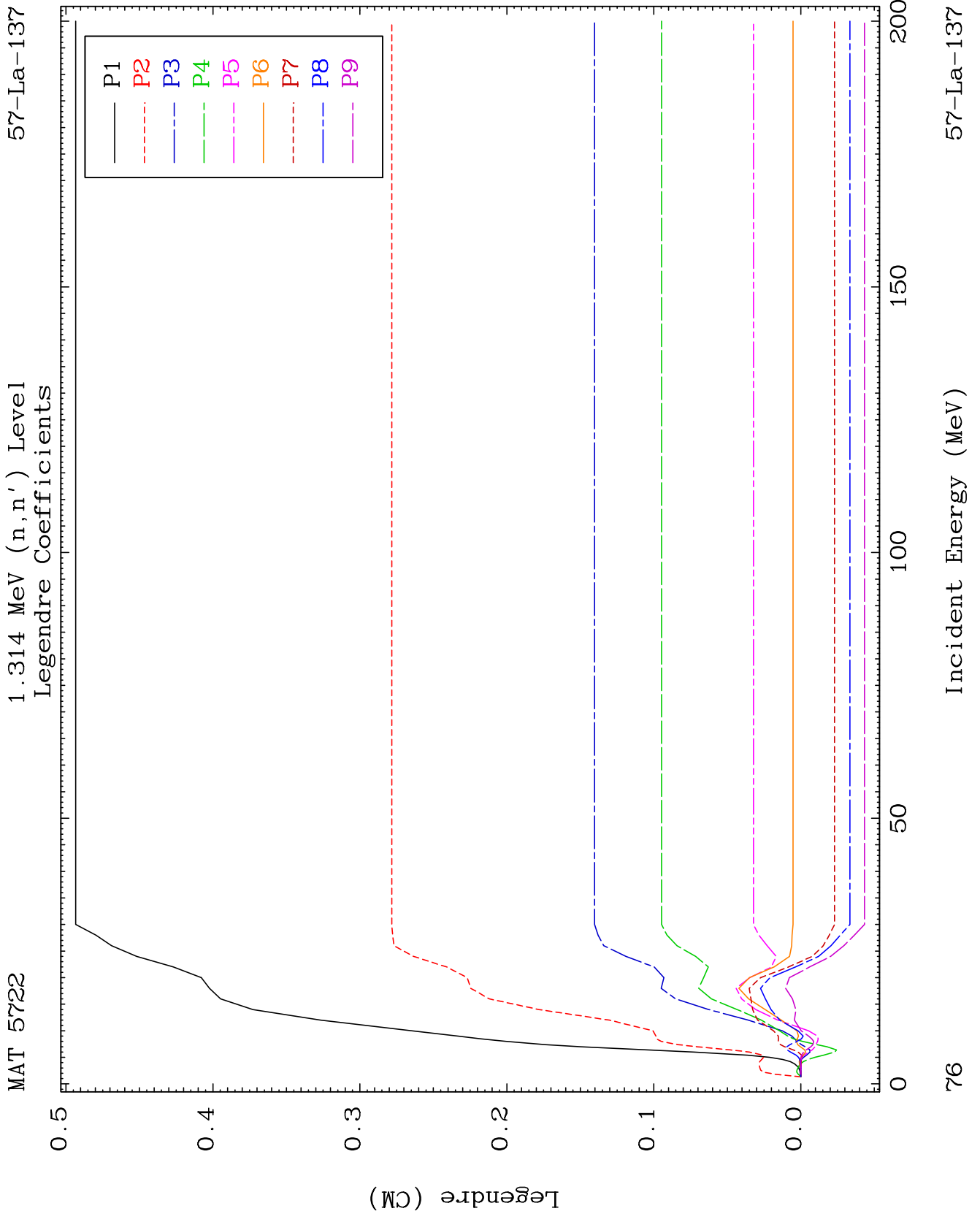


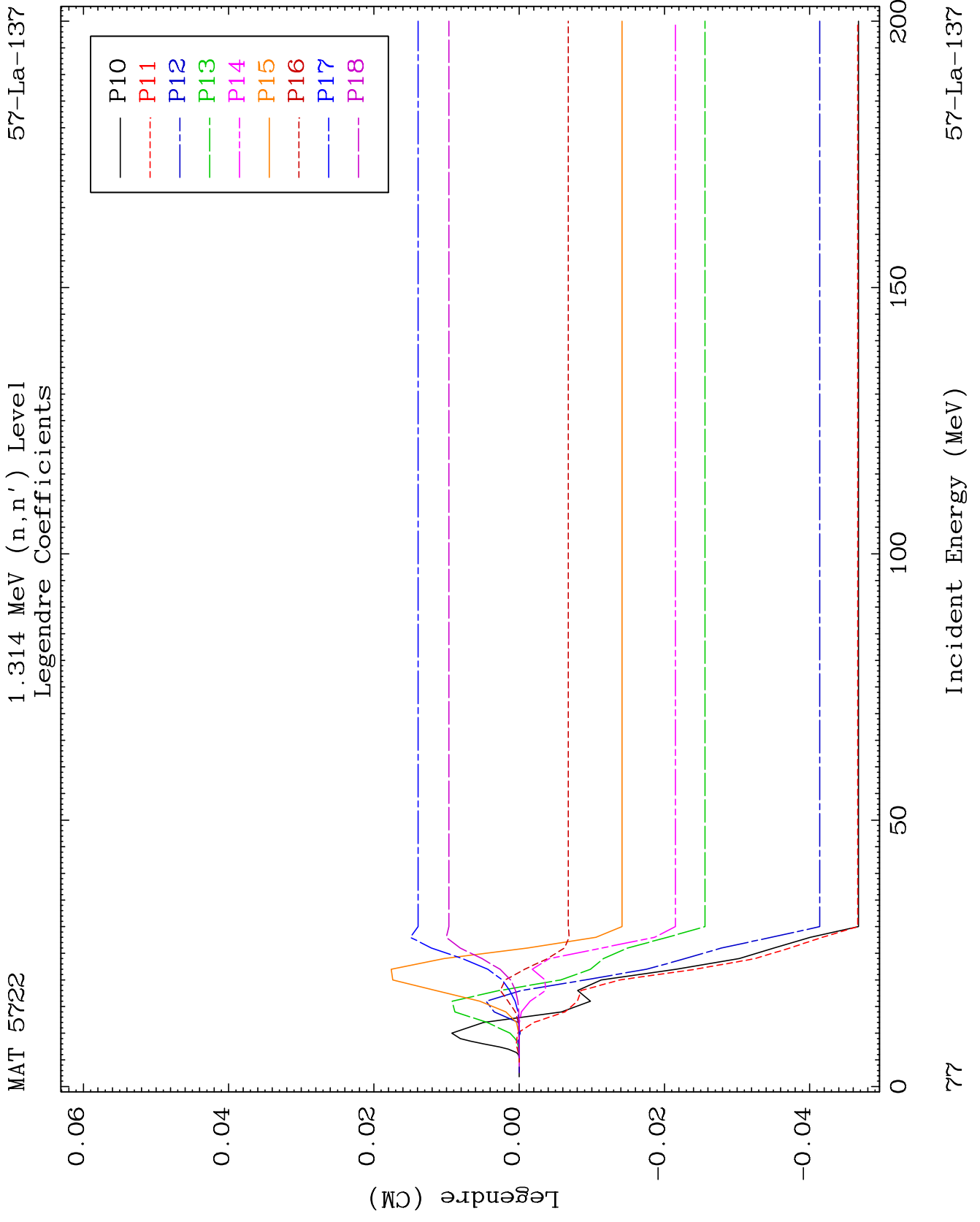
74

Incident Energy (MeV)

57-La-137



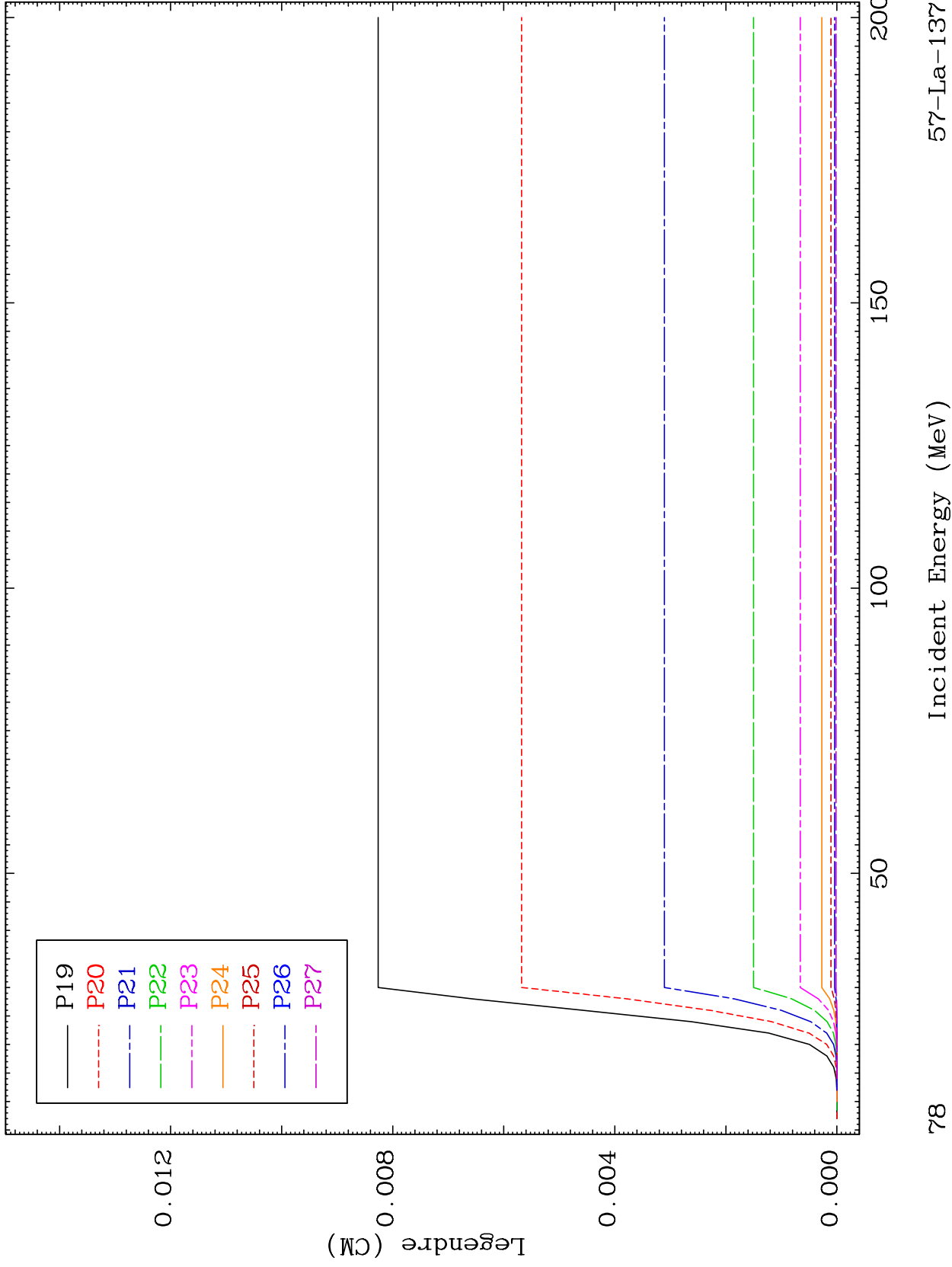




MAT 5722

1.314 MeV (n,n') Level
Legendre Coefficients

57-La-137



57-La-137

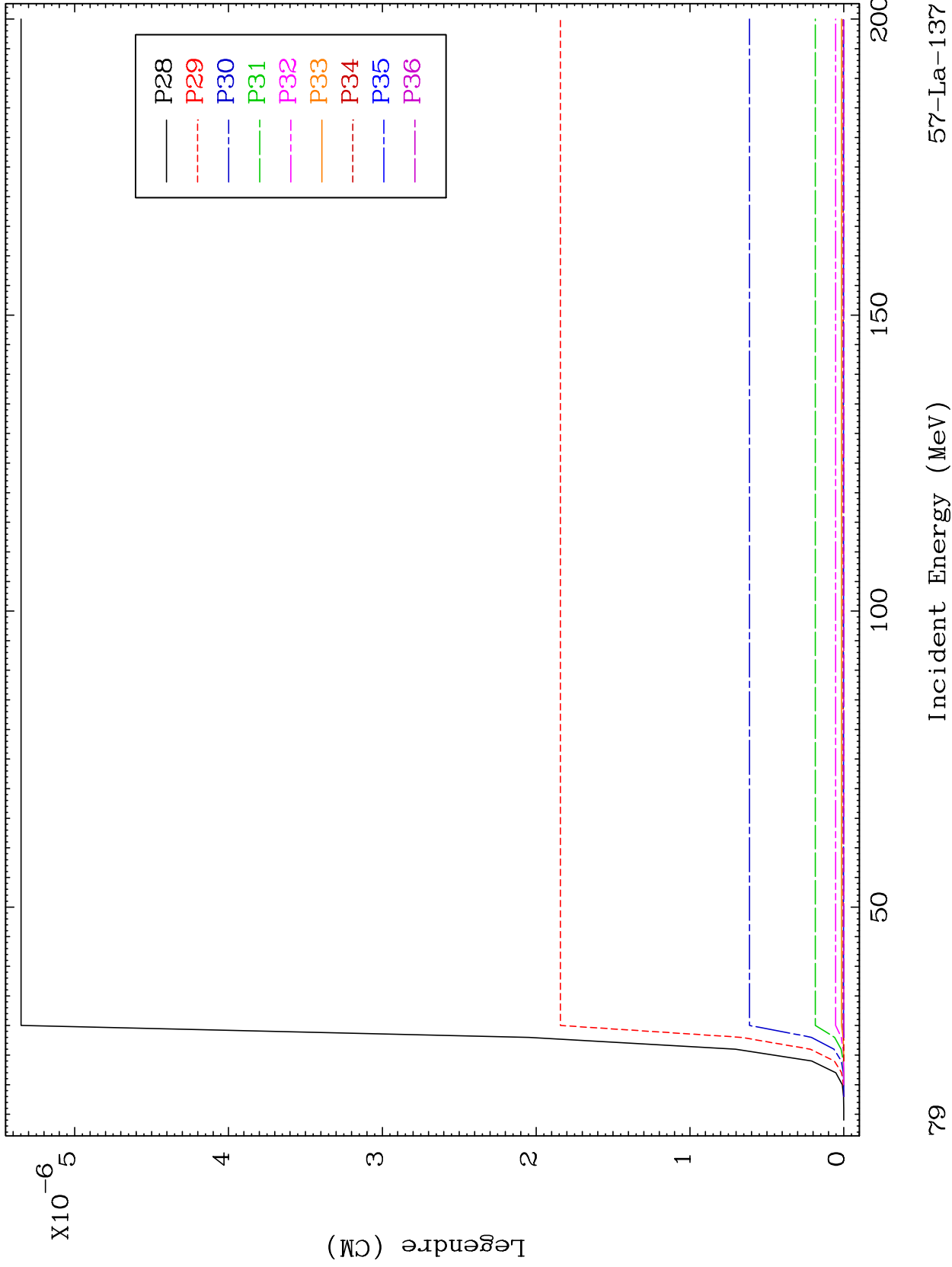
Incident Energy (MeV)

78

MAT 5722

1.314 MeV (n,n') Level
Legendre Coefficients

57-La-137



79

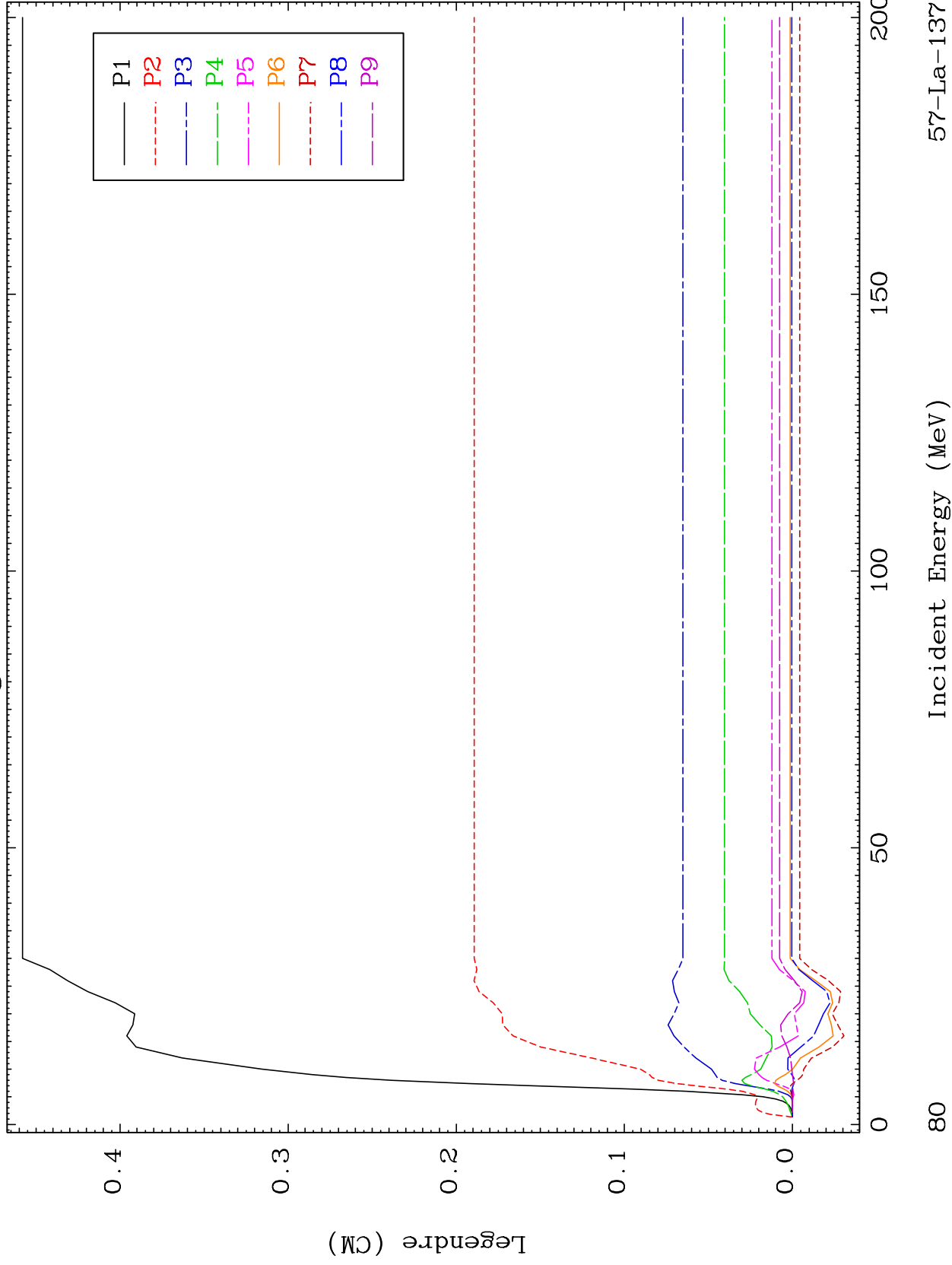
Incident Energy (MeV)

57-La-137

MAT 5722

1.365 MeV (n,n') Level
Legendre Coefficients

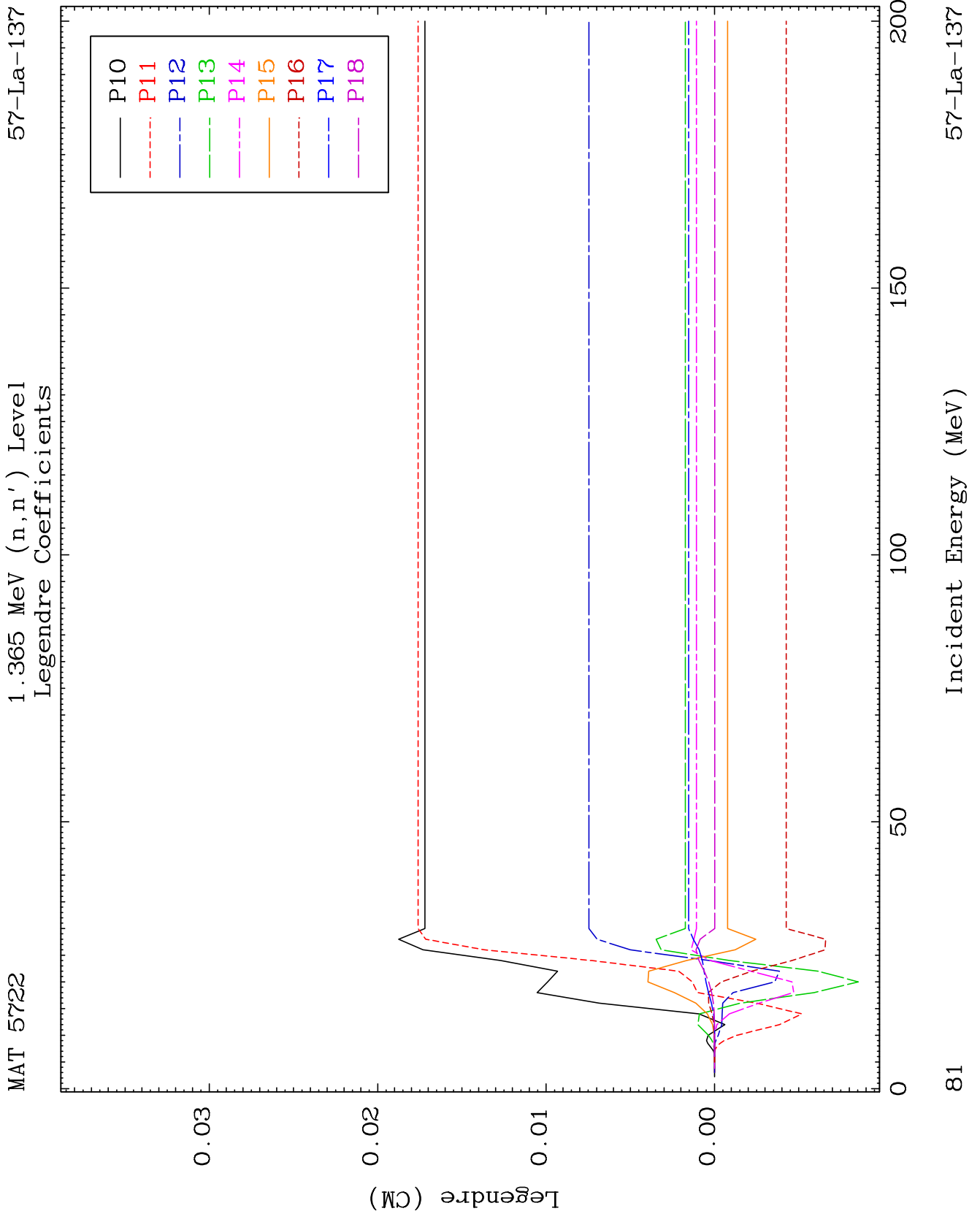
57-La-137

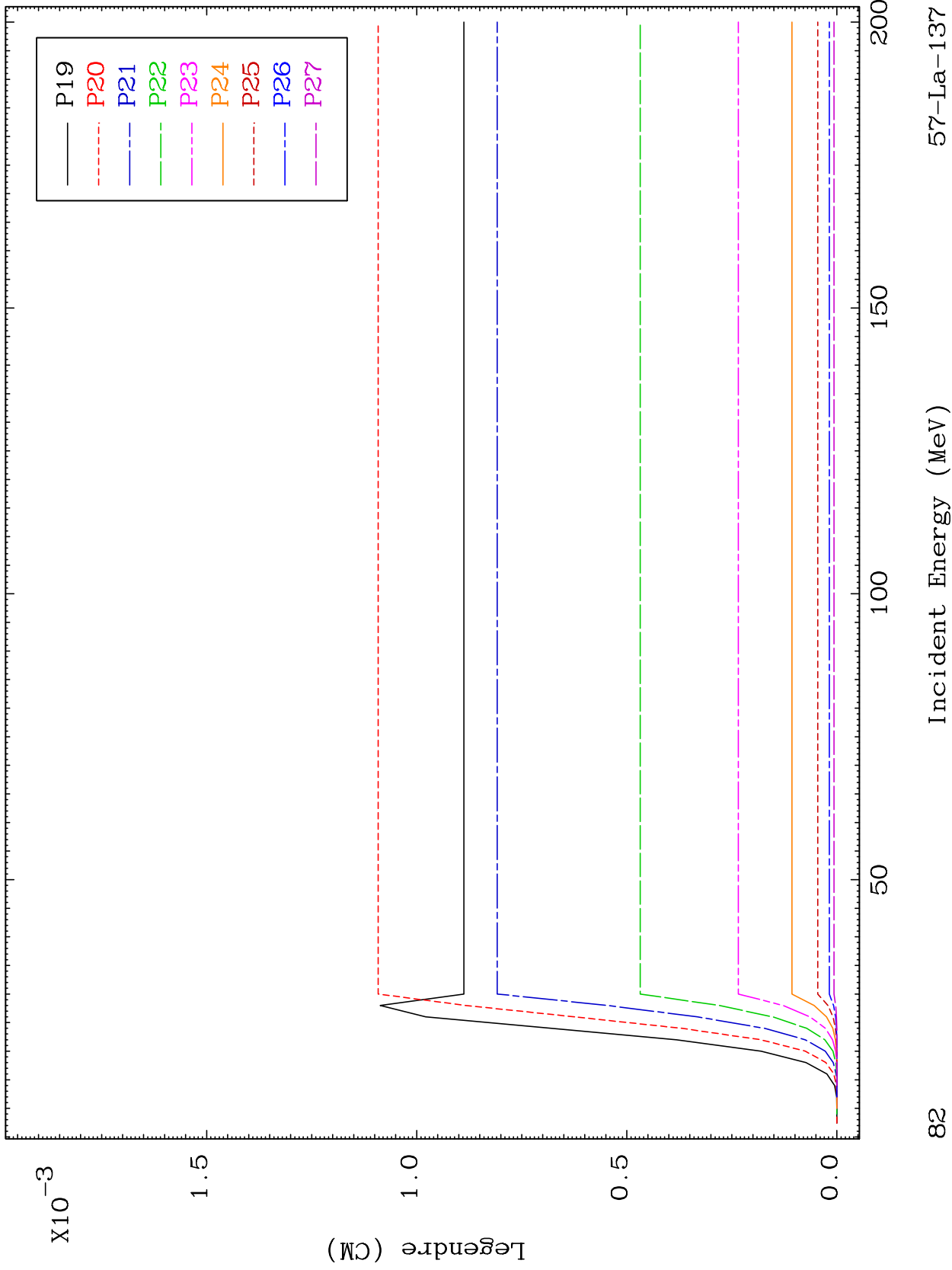


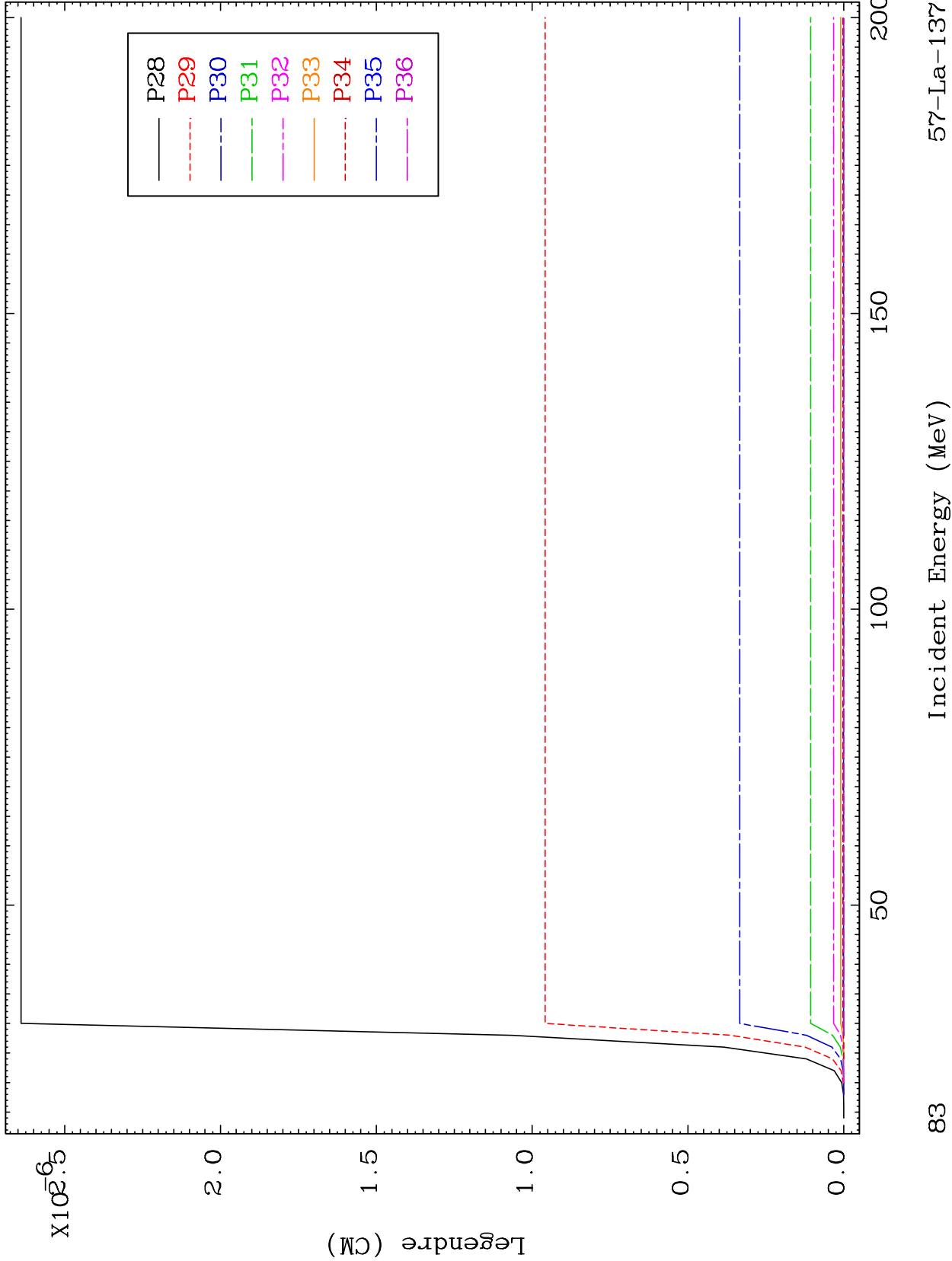
57-La-137

Incident Energy (MeV)

80



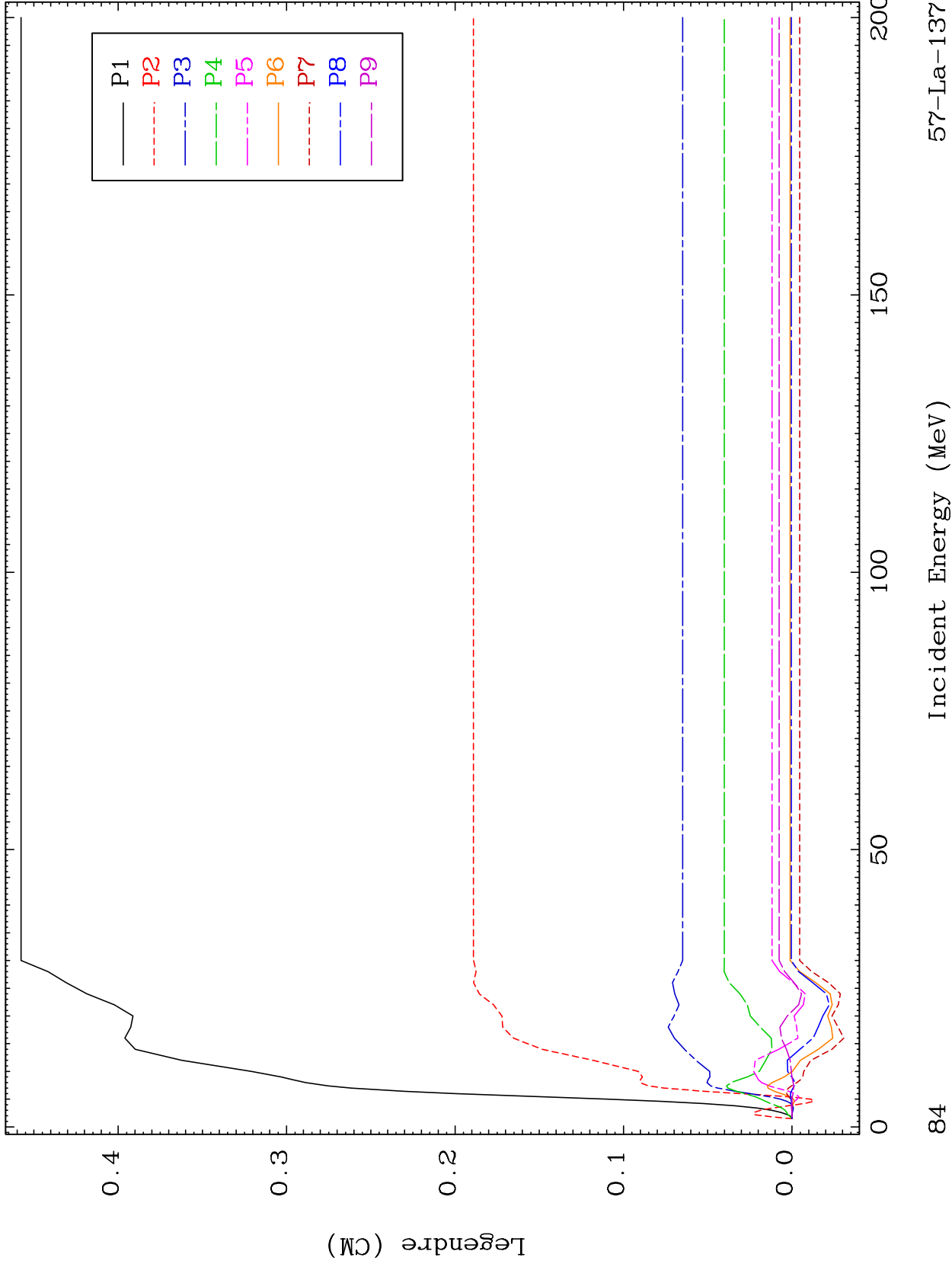




MAT 5722

1.474 MeV (n,n') Level
Legendre Coefficients

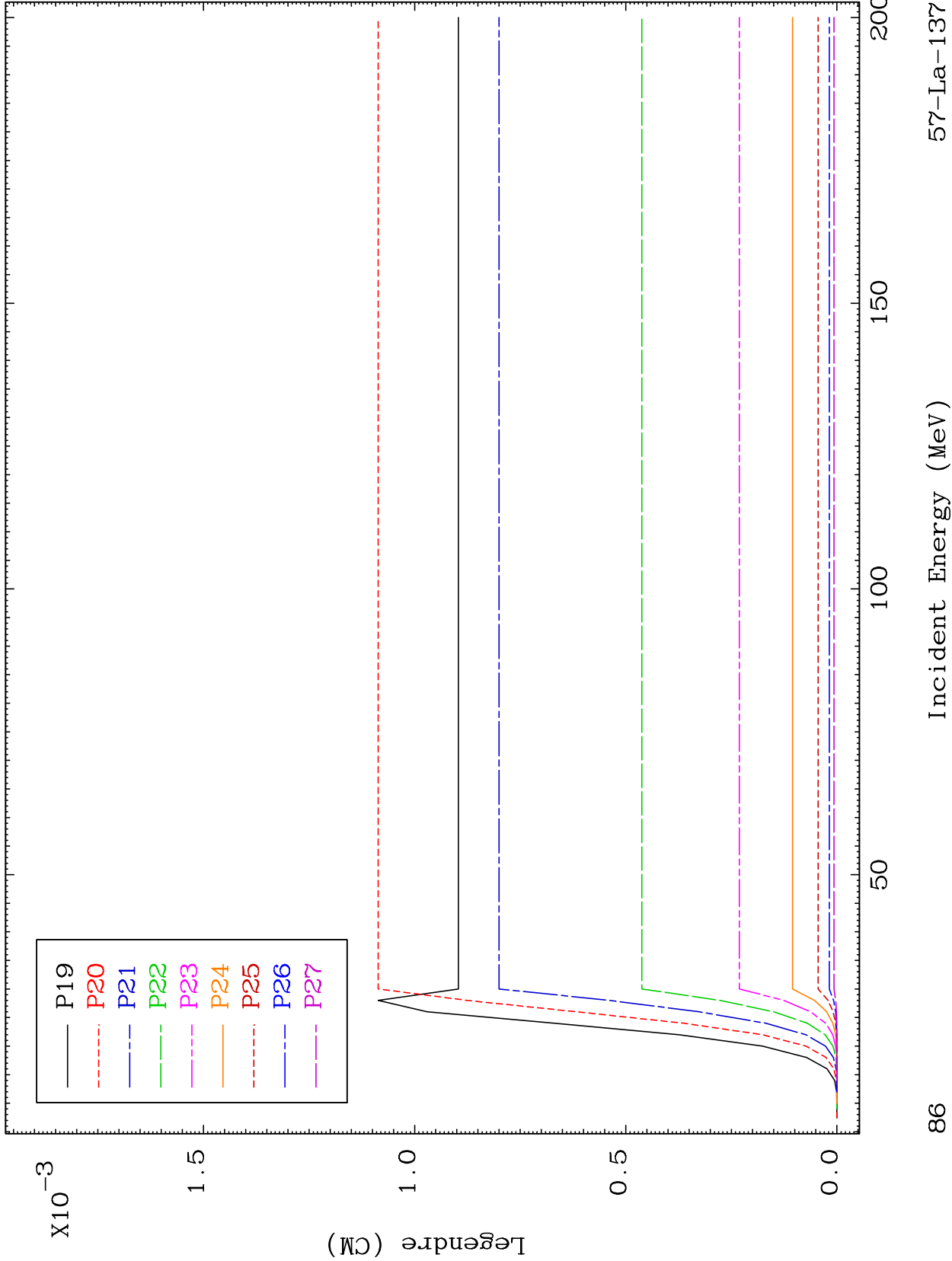
57-La-137



84

Incident Energy (MeV)

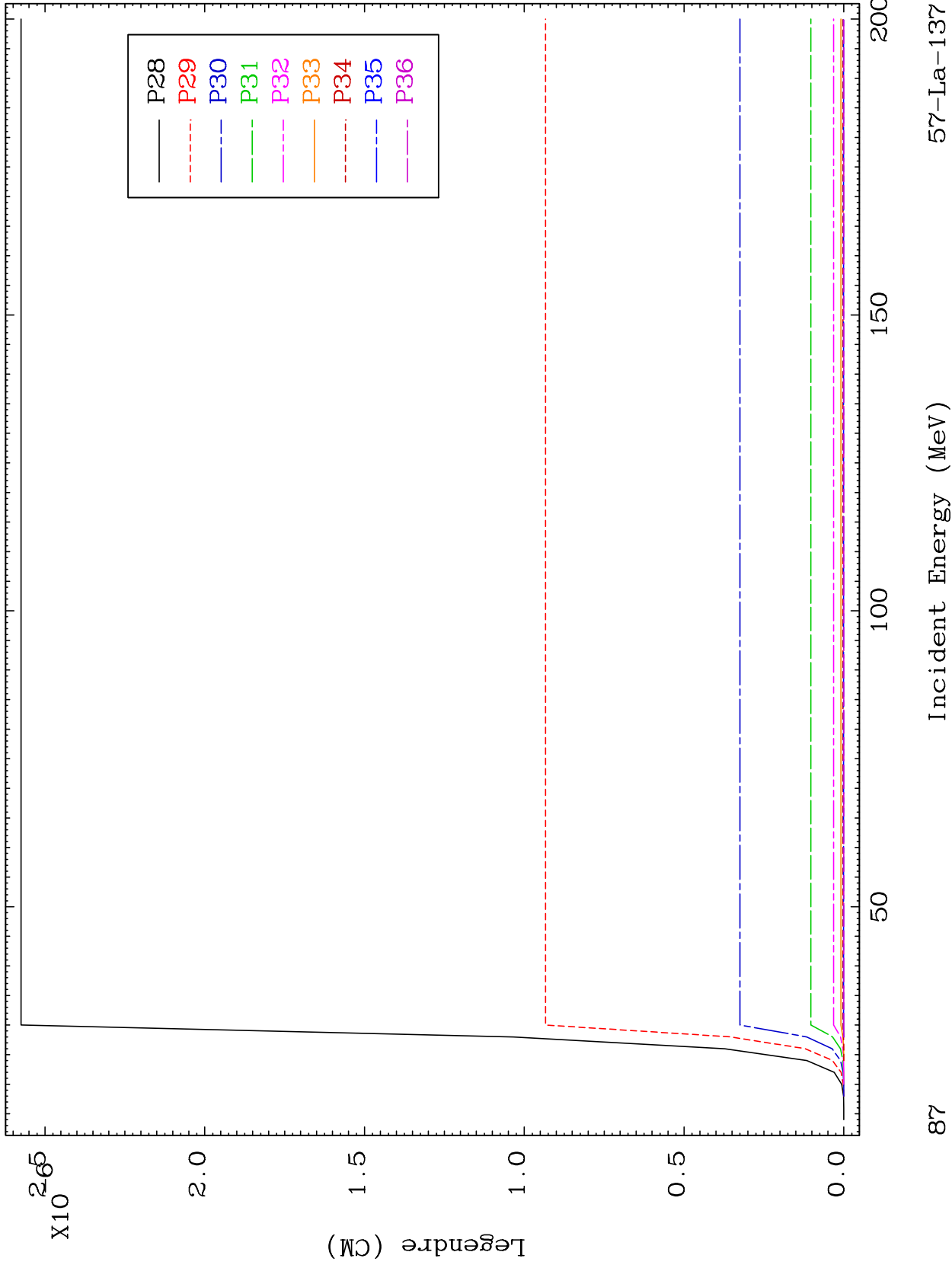
57-La-137

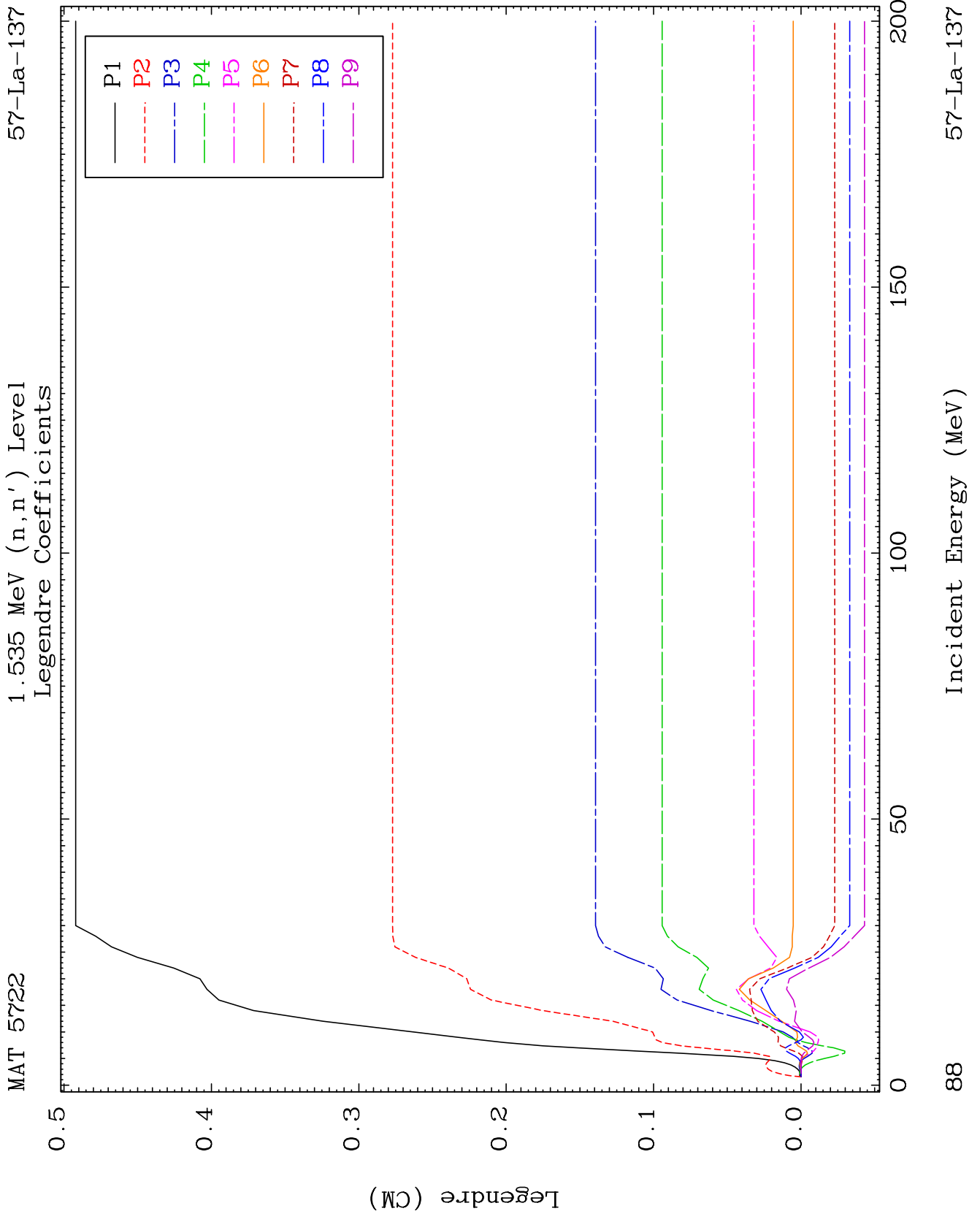


MAT 5722

1.474 MeV (n, n') Level
Legendre Coefficients

57-La-137

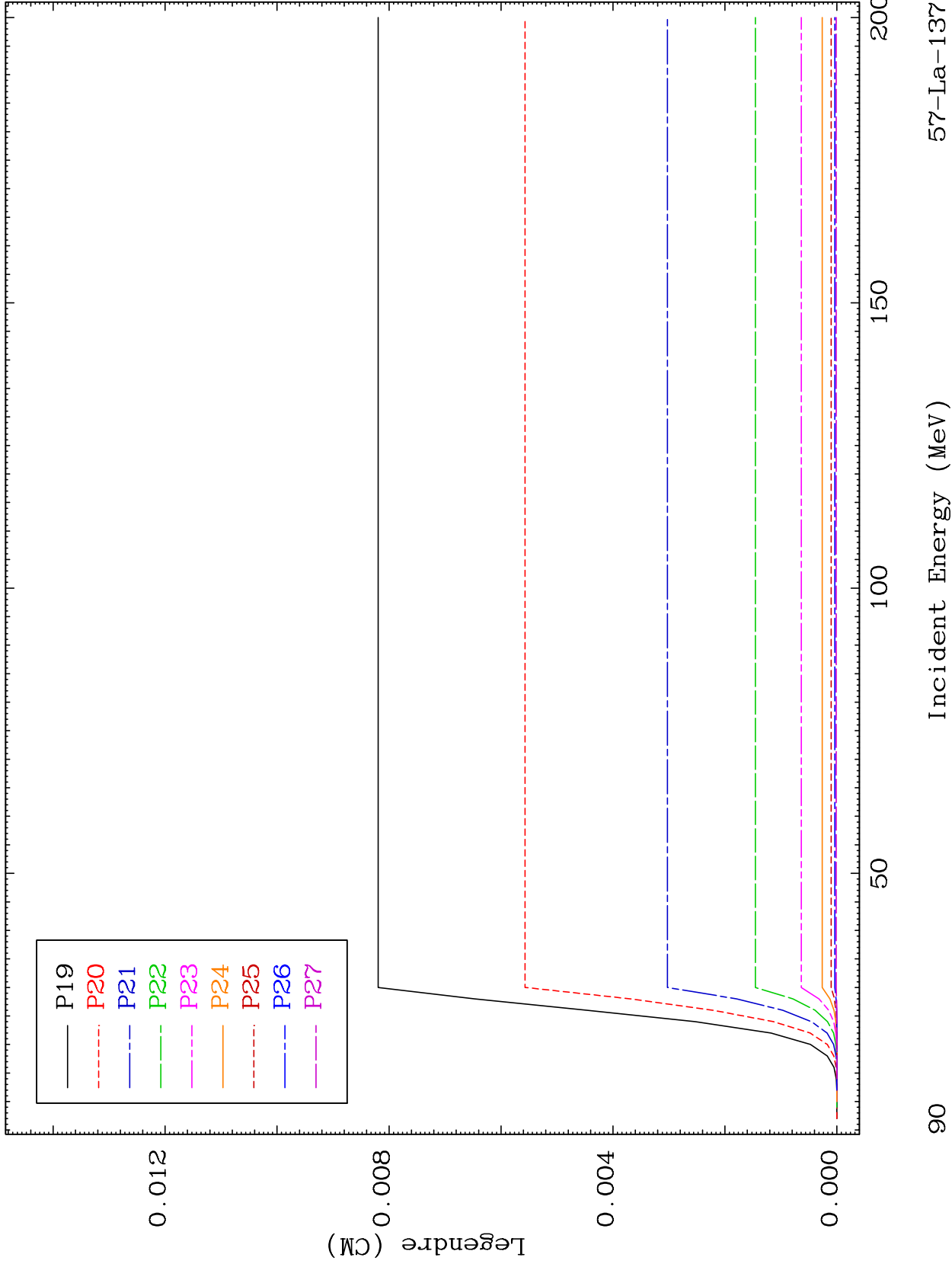




MAT 5722

1.535 MeV (n,n') Level
Legendre Coefficients

57-La-137



90

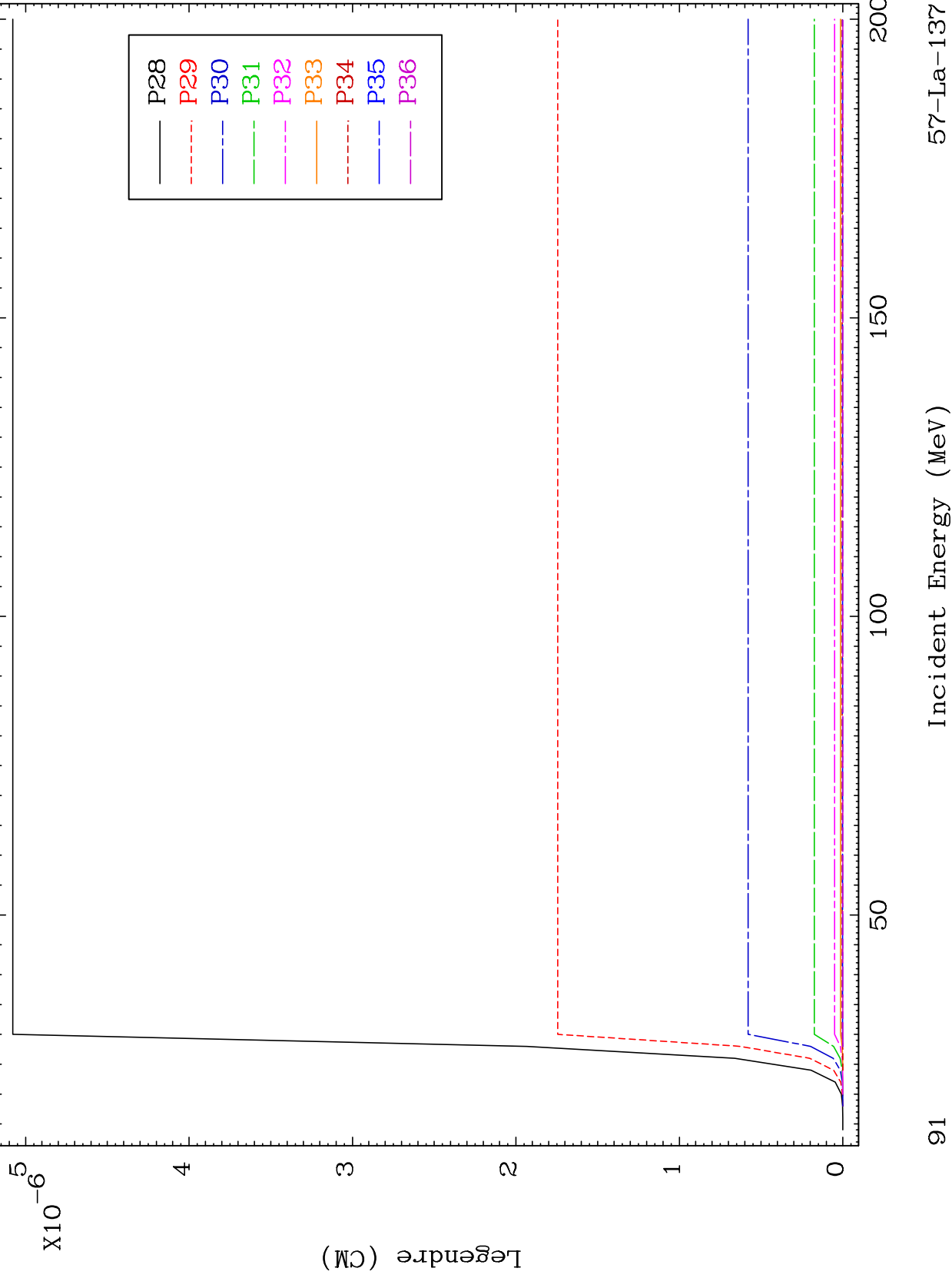
Incident Energy (MeV)

57-La-137

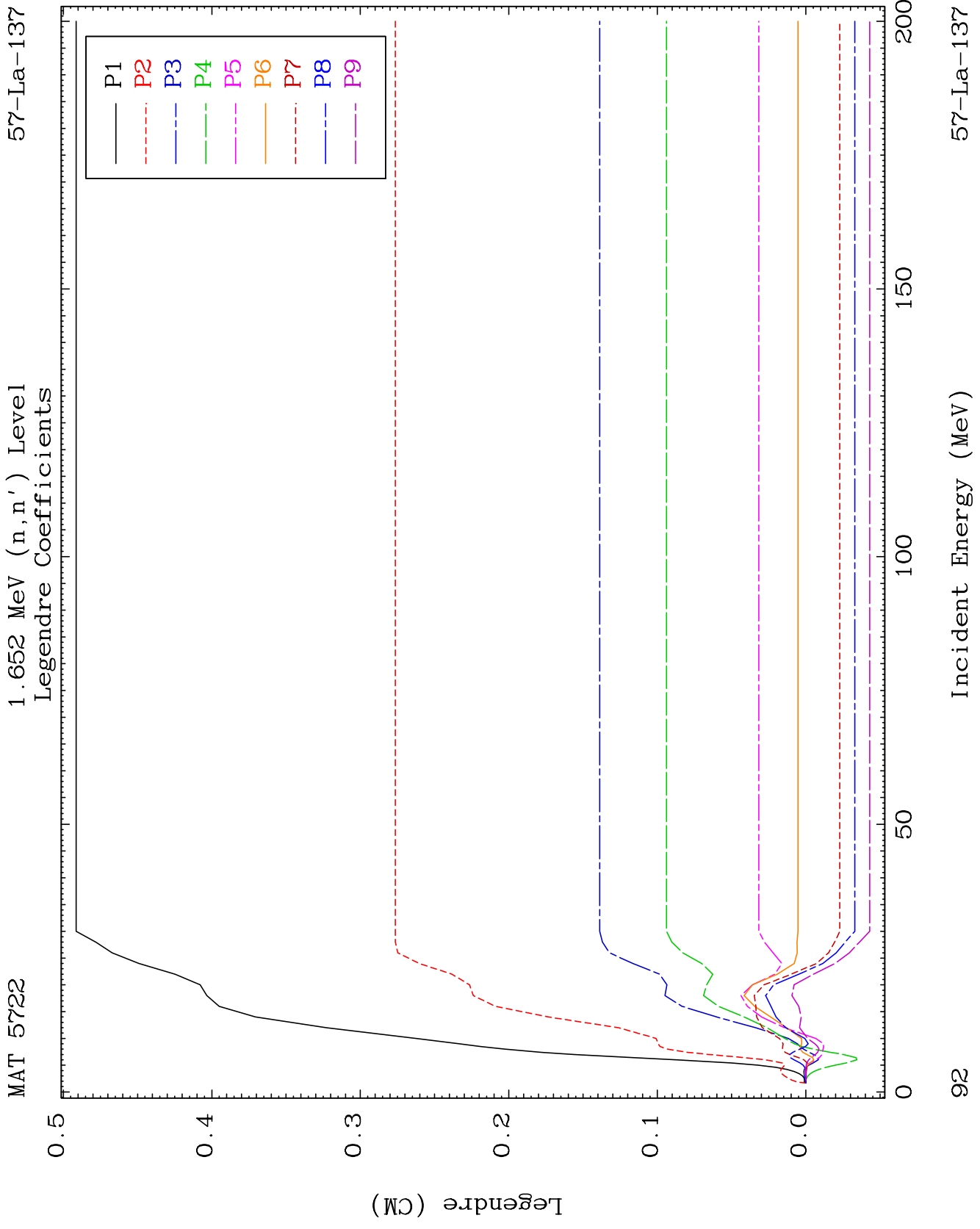
MAT 5722

1.535 MeV (n,n') Level
Legendre Coefficients

57-La-137



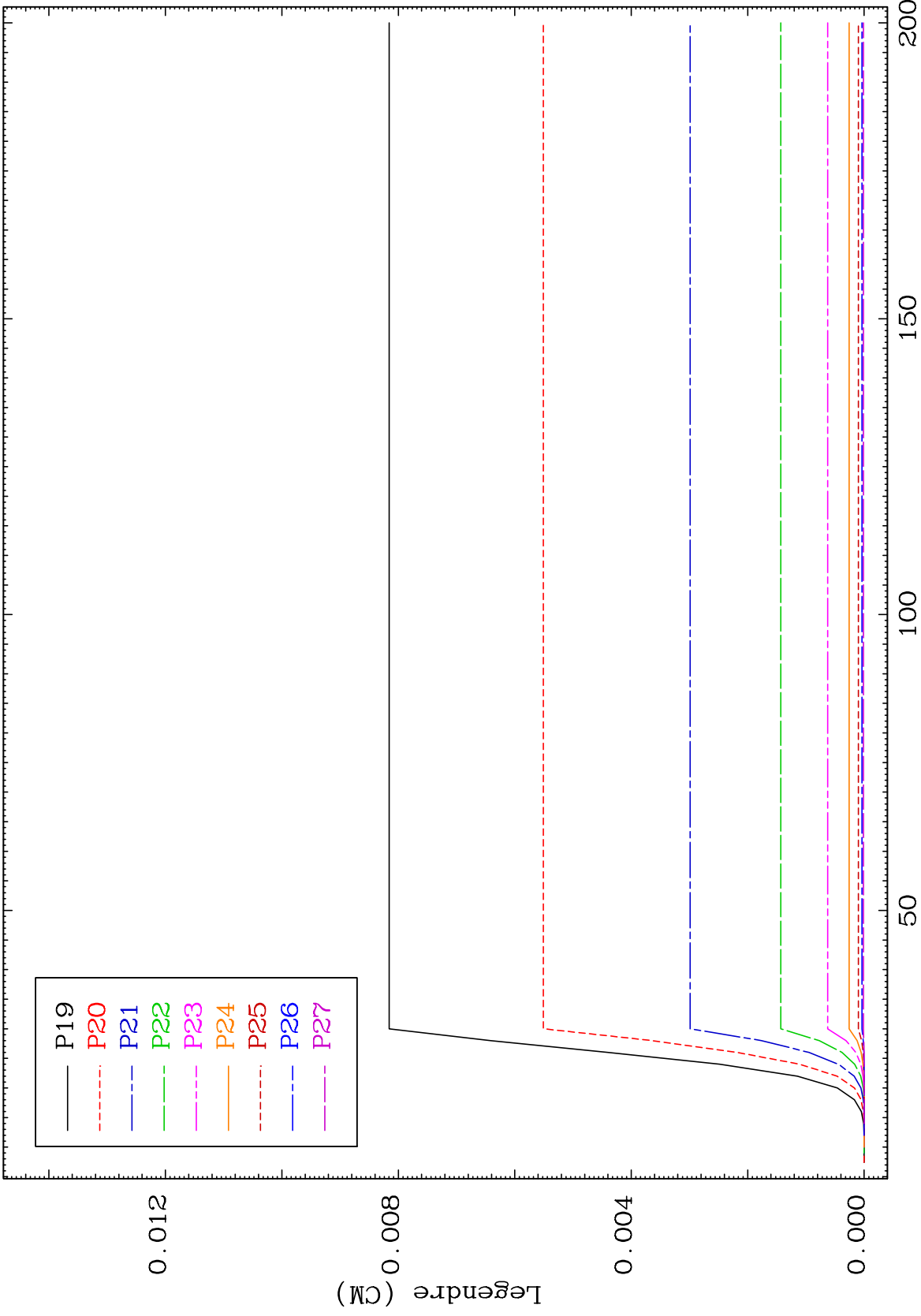
91



MAT 5722

1.652 MeV (n,n') Level
Legendre Coefficients

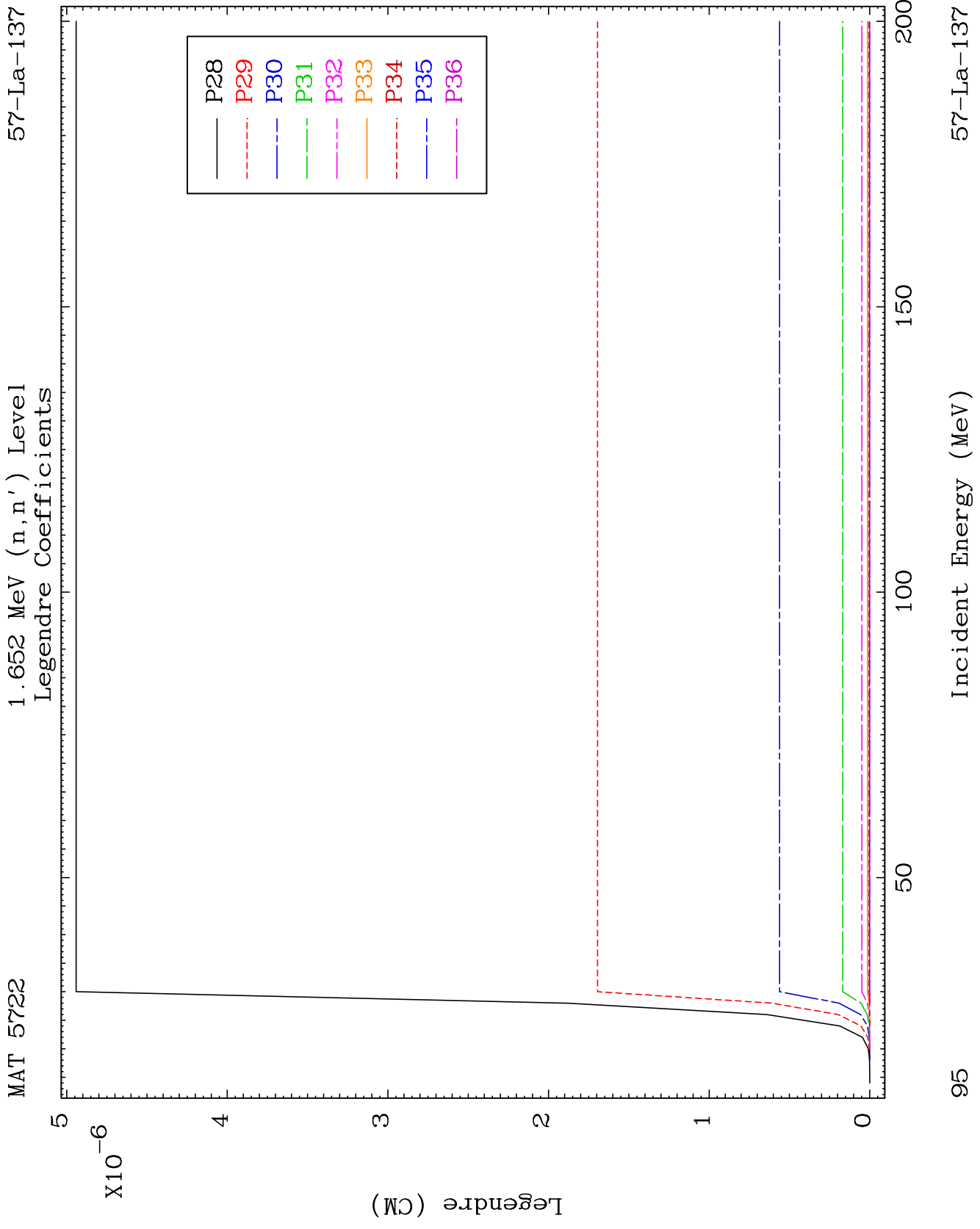
57-La-137



94

Incident Energy (MeV)

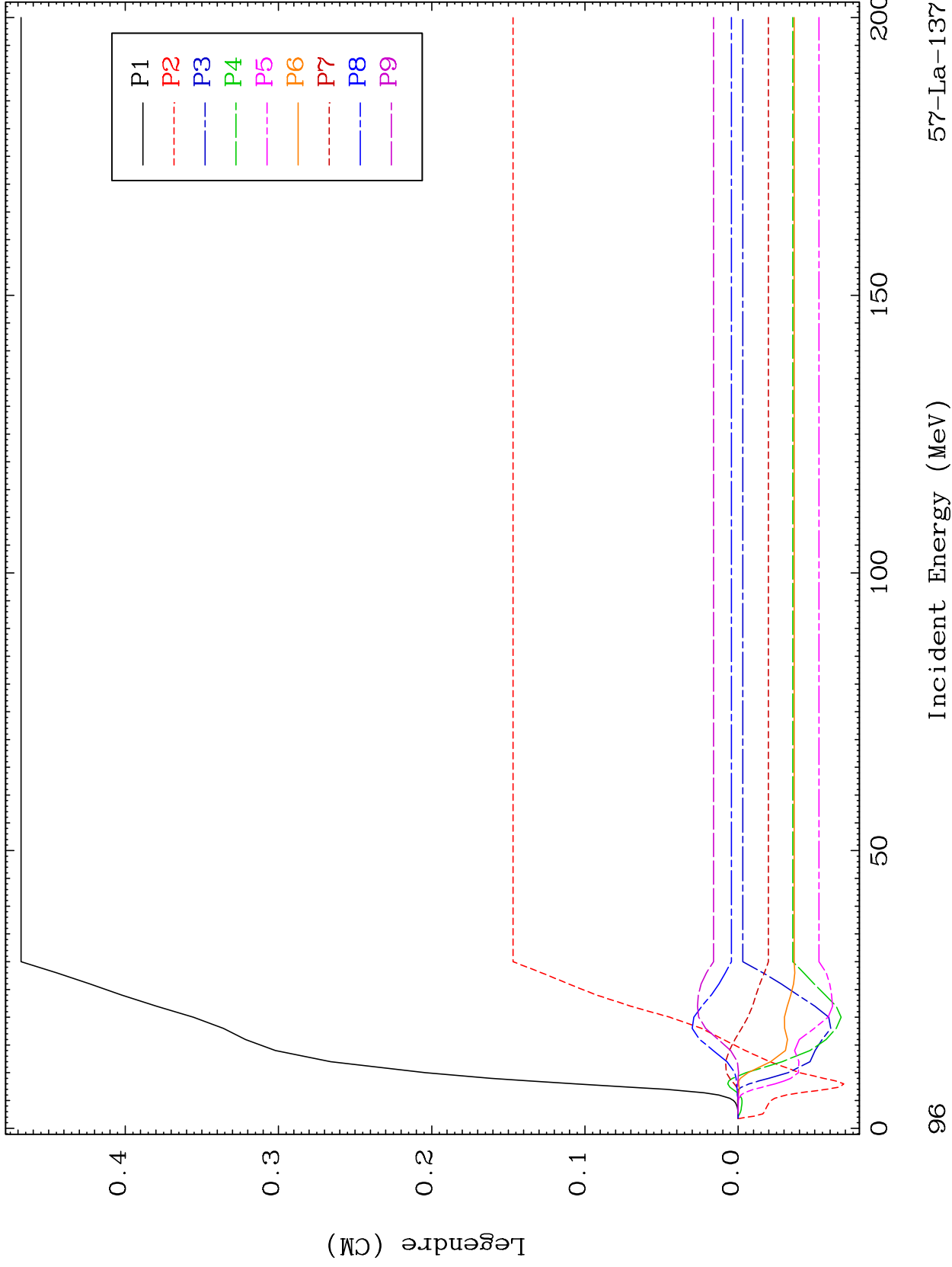
57-La-137



MAT 5722

1.723 MeV (n,n') Level
Legendre Coefficients

57-La-137



57-La-137

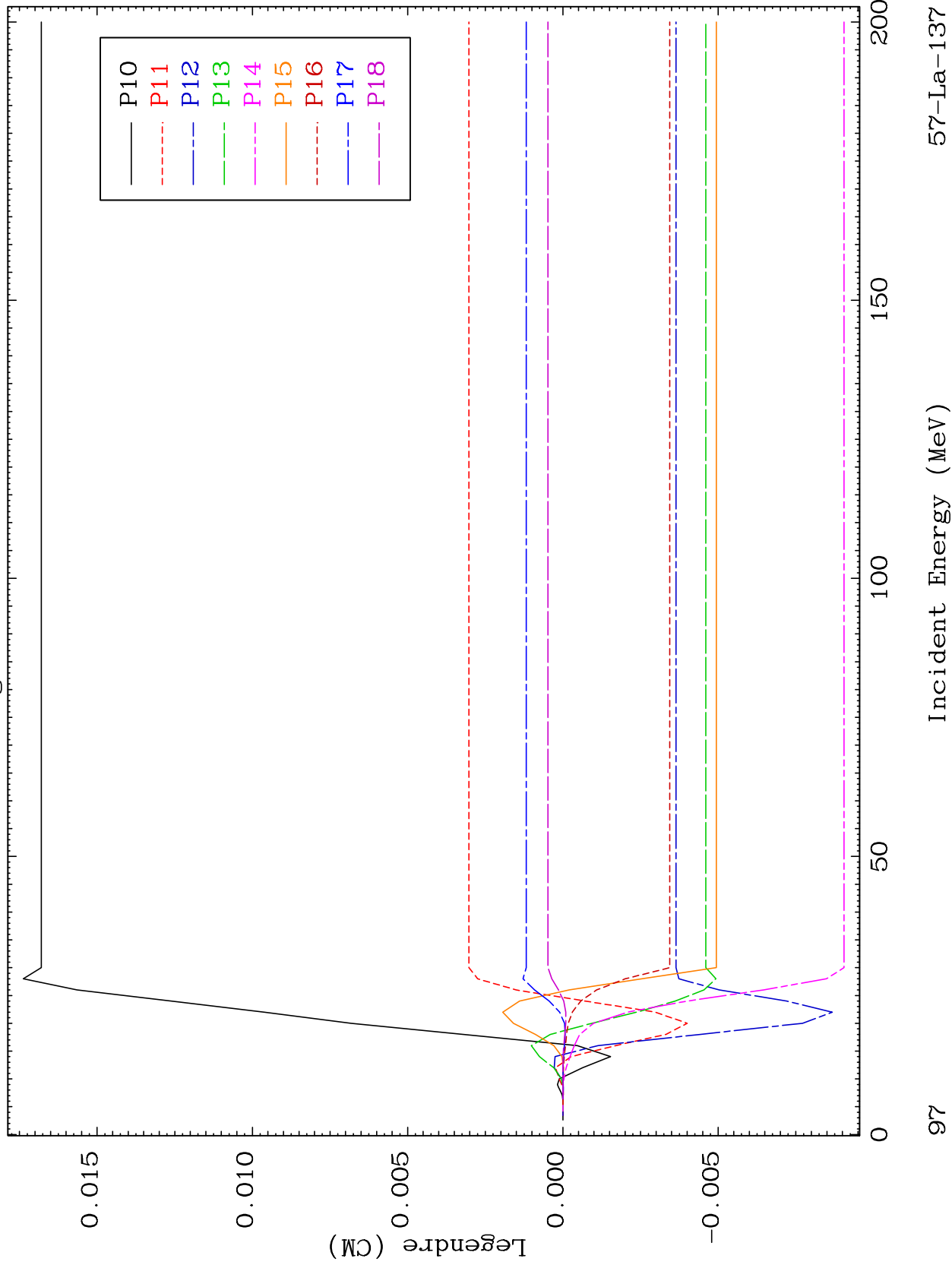
Incident Energy (MeV)

96

MAT 5722

1.723 MeV (n,n') Level
Legendre Coefficients

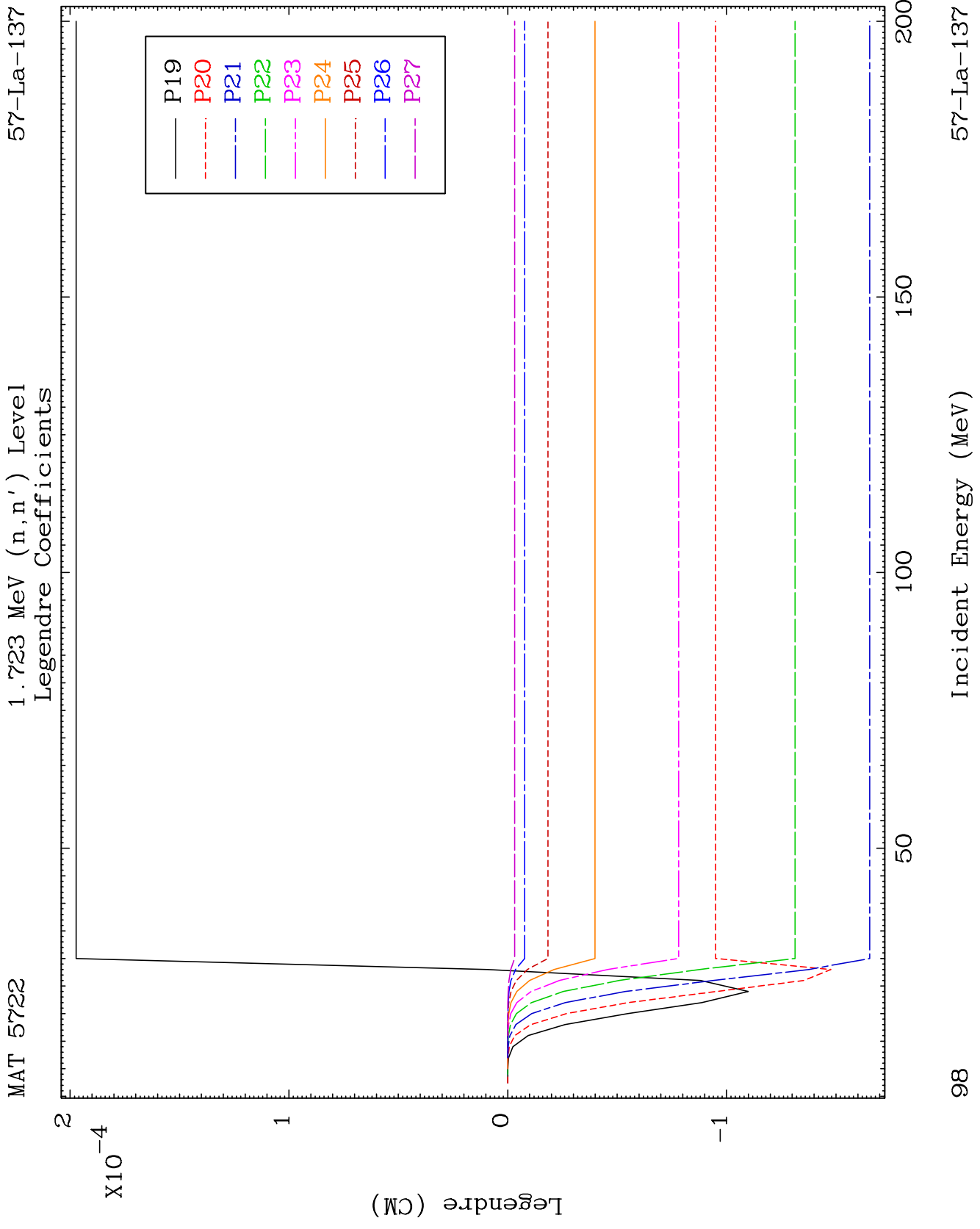
57-La-137

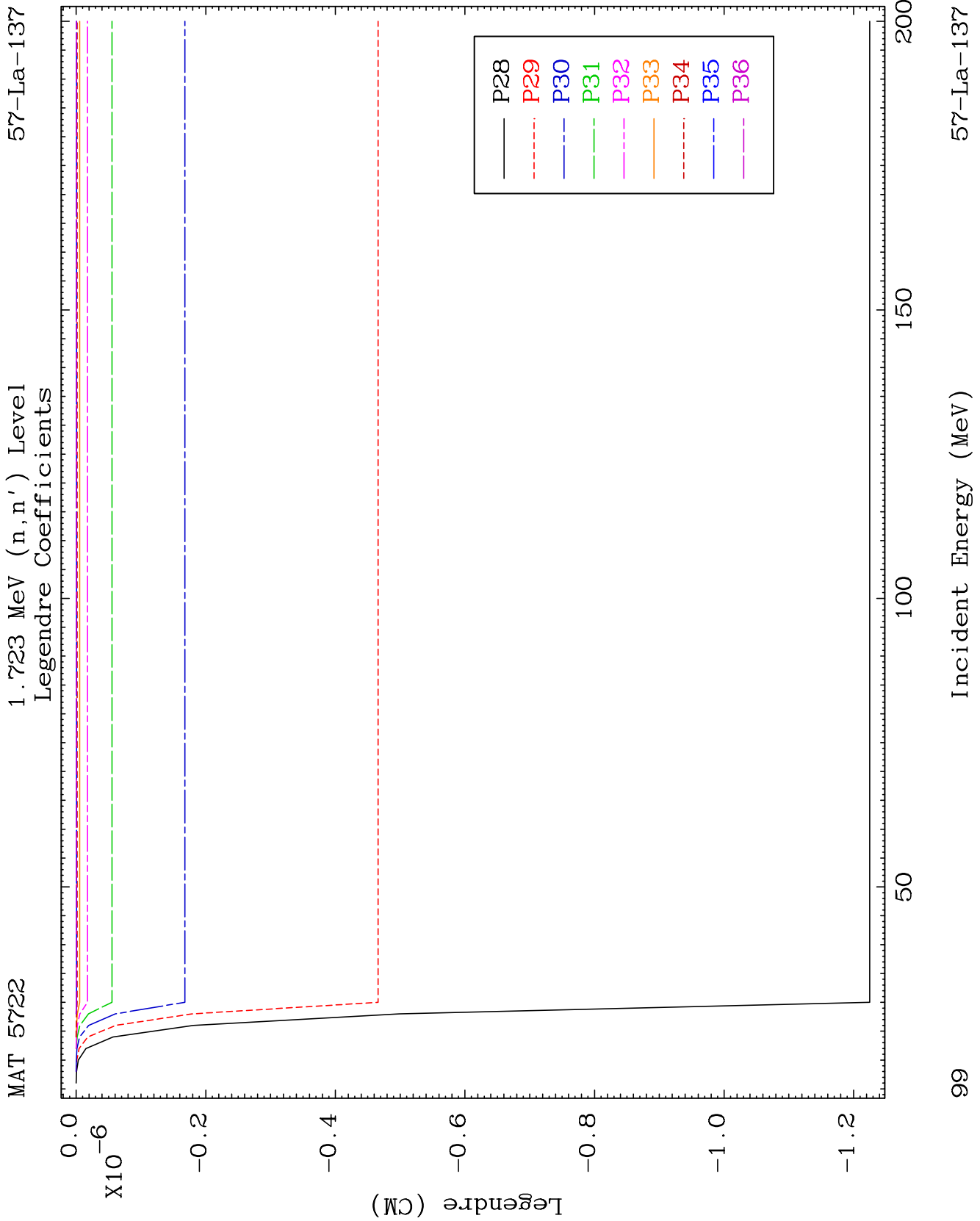


97

Incident Energy (MeV)

57-La-137

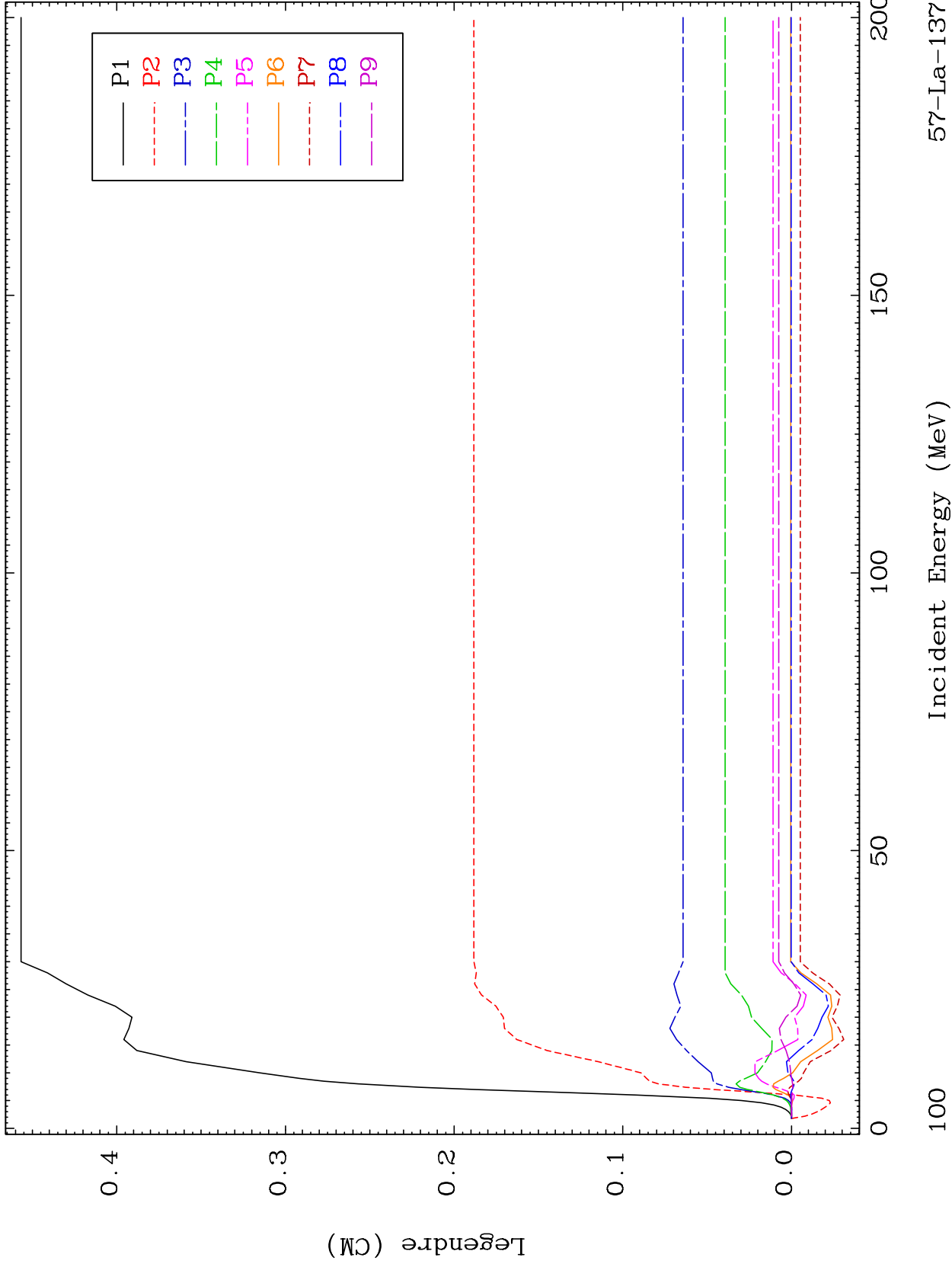




MAT 5722

1.729 MeV (n,n') Level
Legendre Coefficients

57-La-137

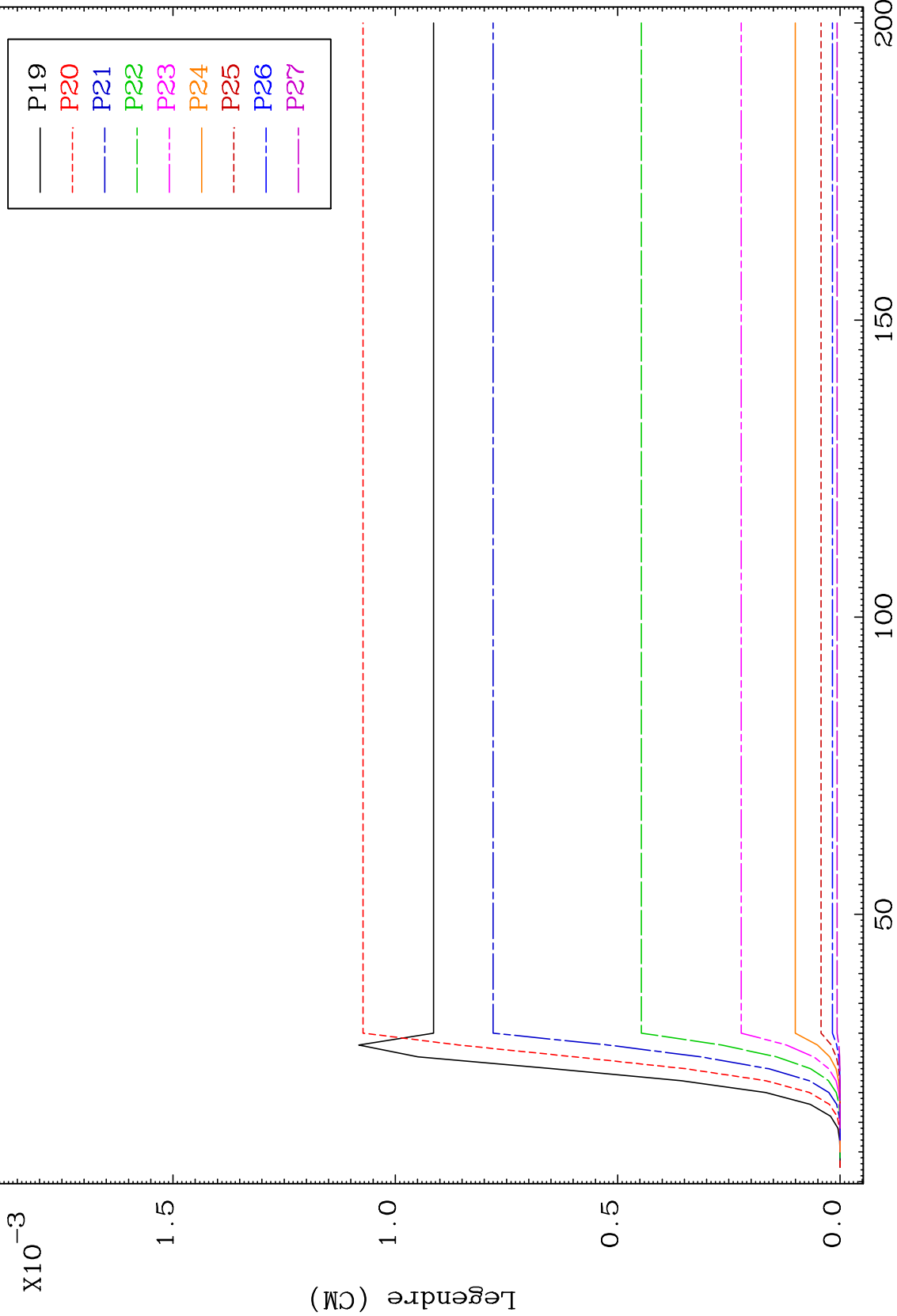


57-La-137

MAT 5722

1.729 MeV (n,n') Level
Legendre Coefficients

57-La-137



102

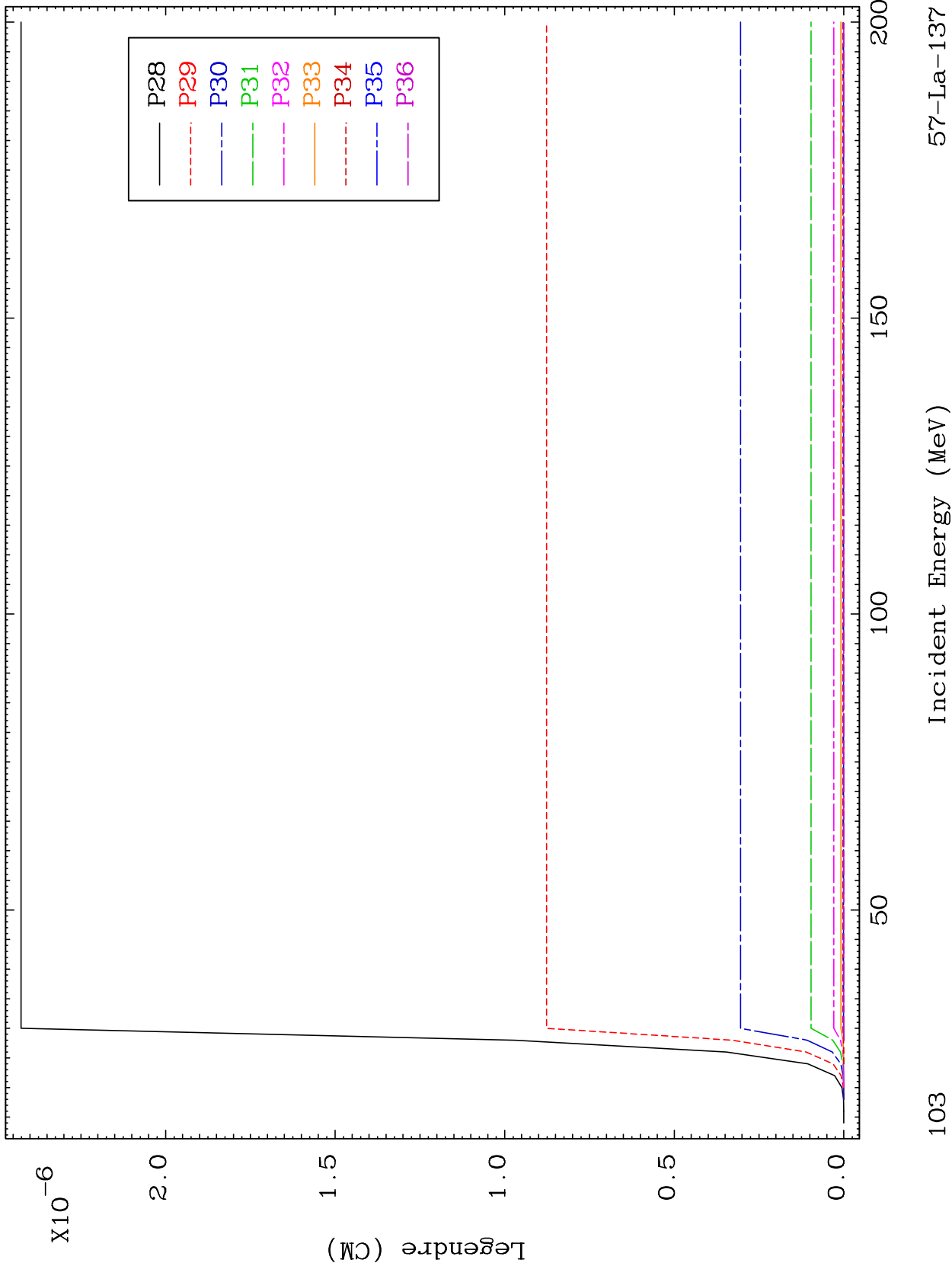
Incident Energy (MeV)

57-La-137

MAT 5722

1.729 MeV (n,n') Level
Legendre Coefficients

57-La-137



103

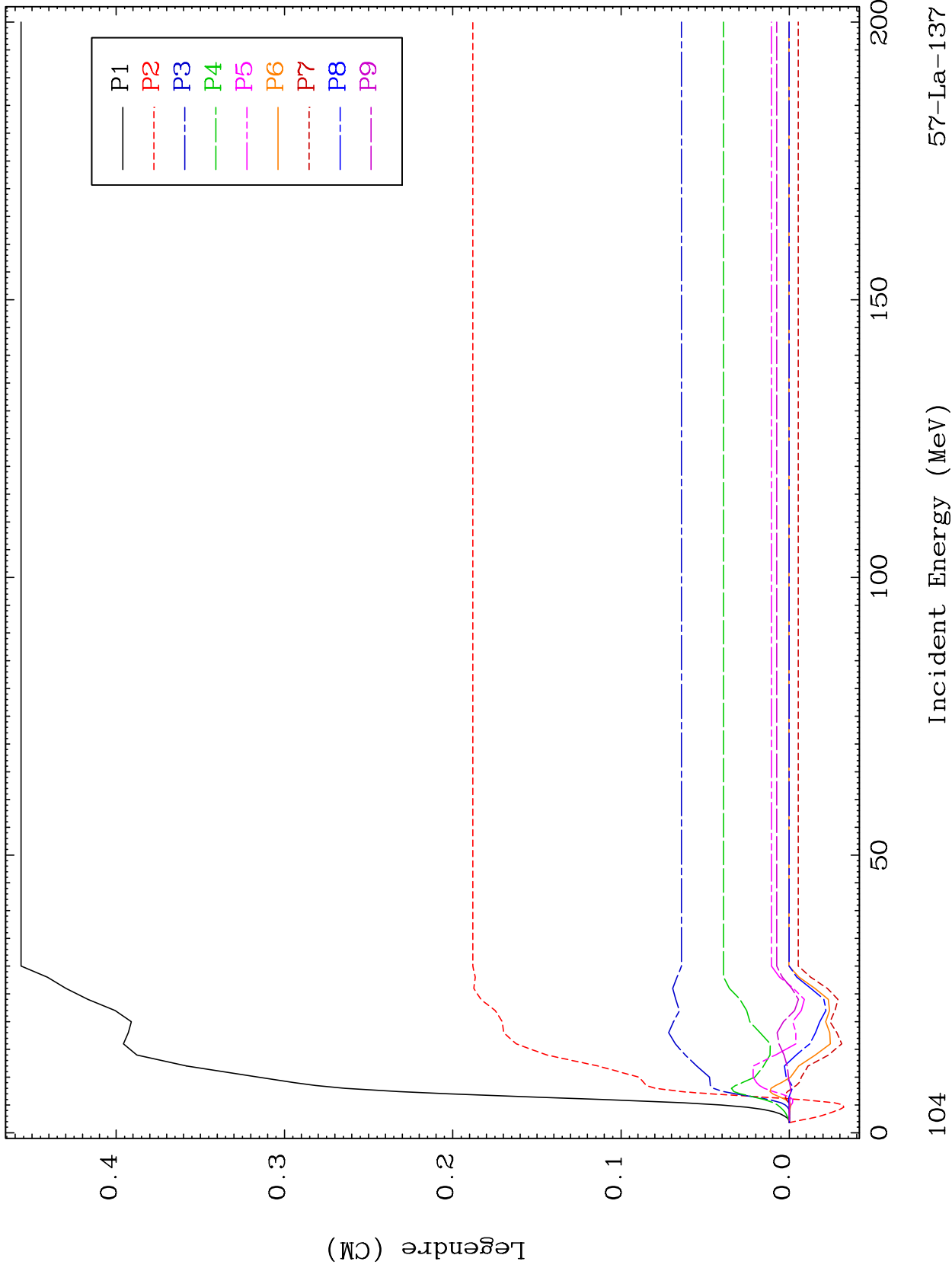
Incident Energy (MeV)

57-La-137

MAT 5722

1.787 MeV (n,n') Level
Legendre Coefficients

57-La-137



57-La-137

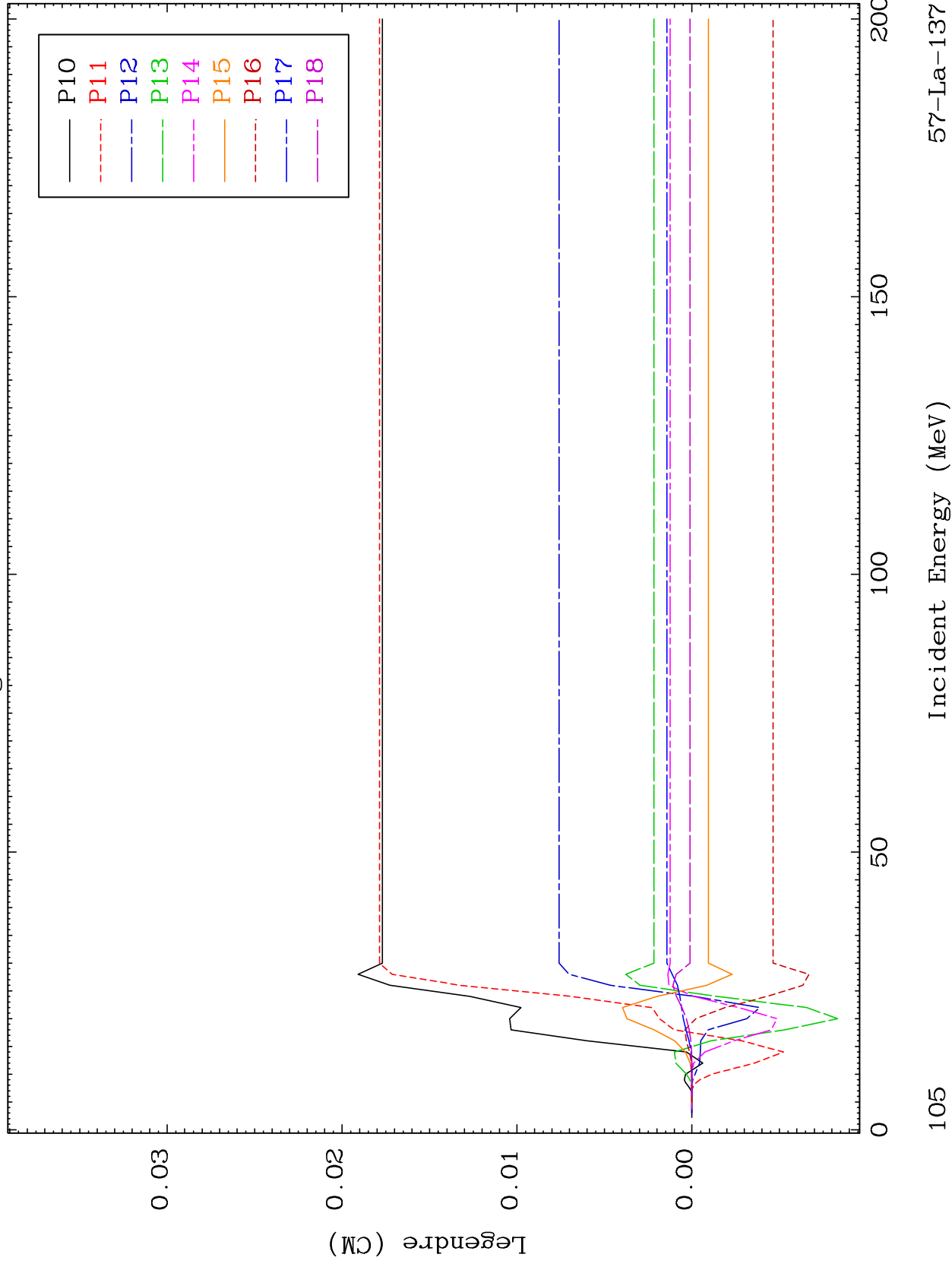
Incident Energy (MeV)

104

MAT 5722

1.787 MeV (n,n') Level
Legendre Coefficients

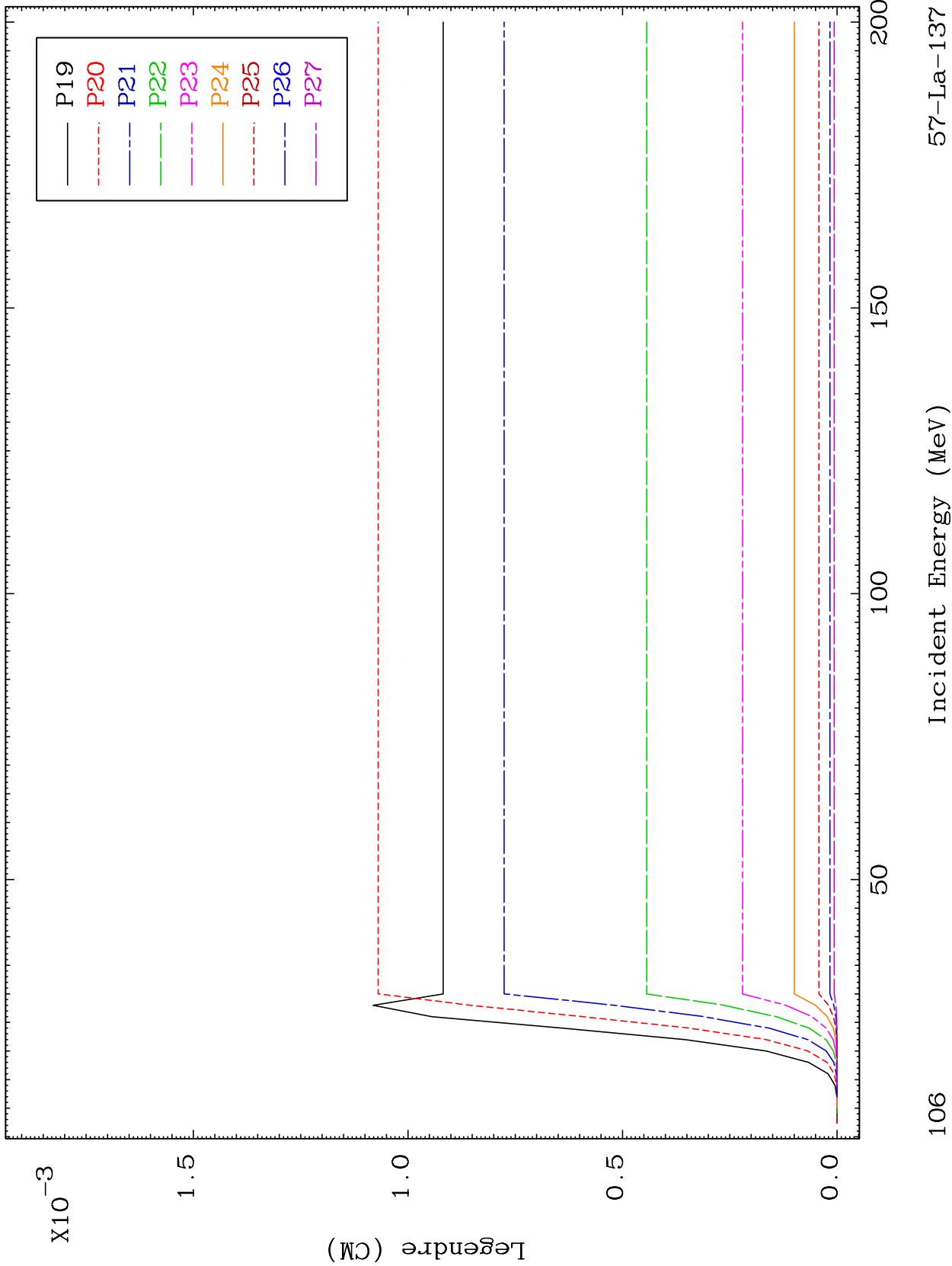
57-La-137



57-La-137

Incident Energy (MeV)

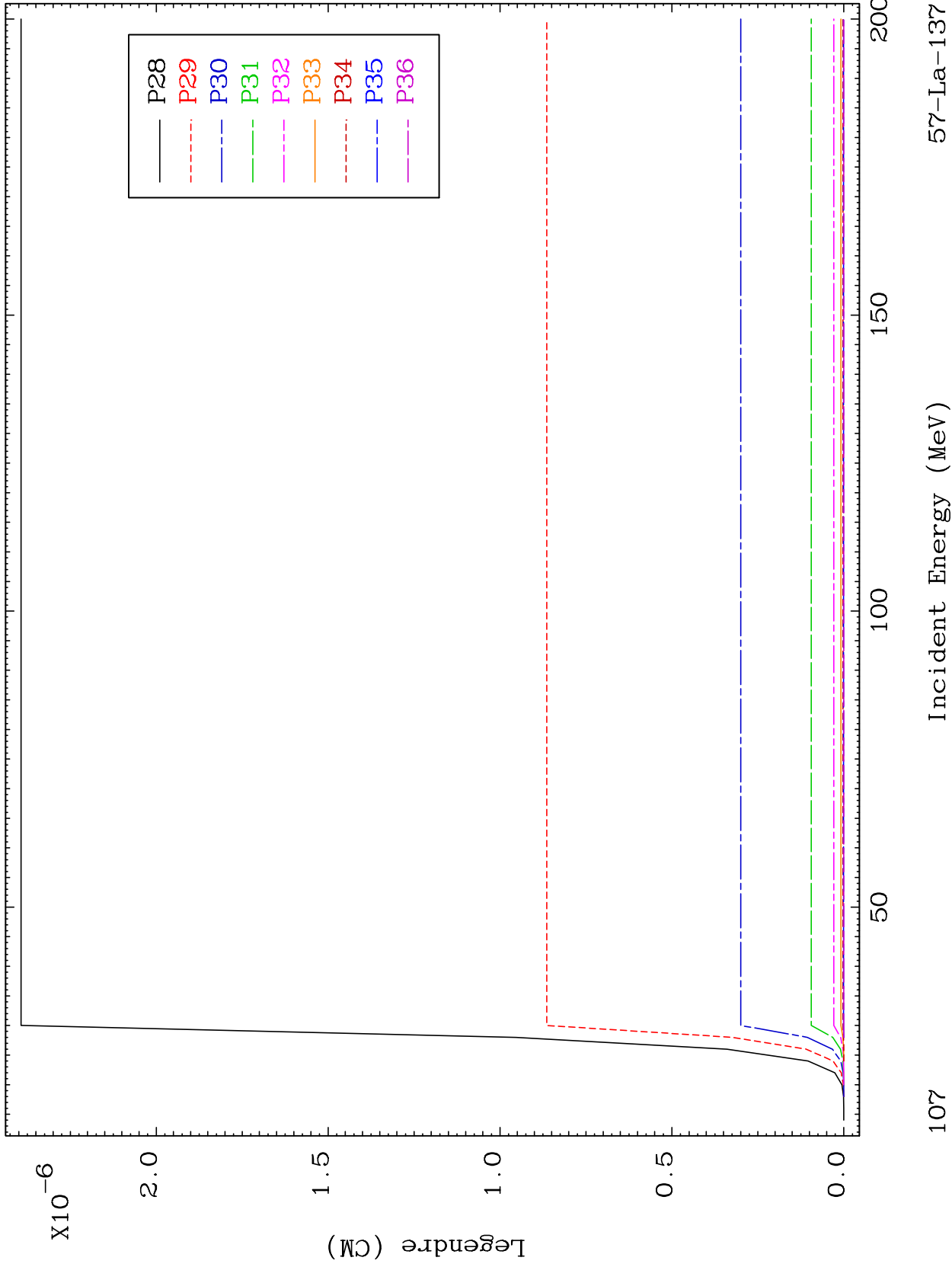
105

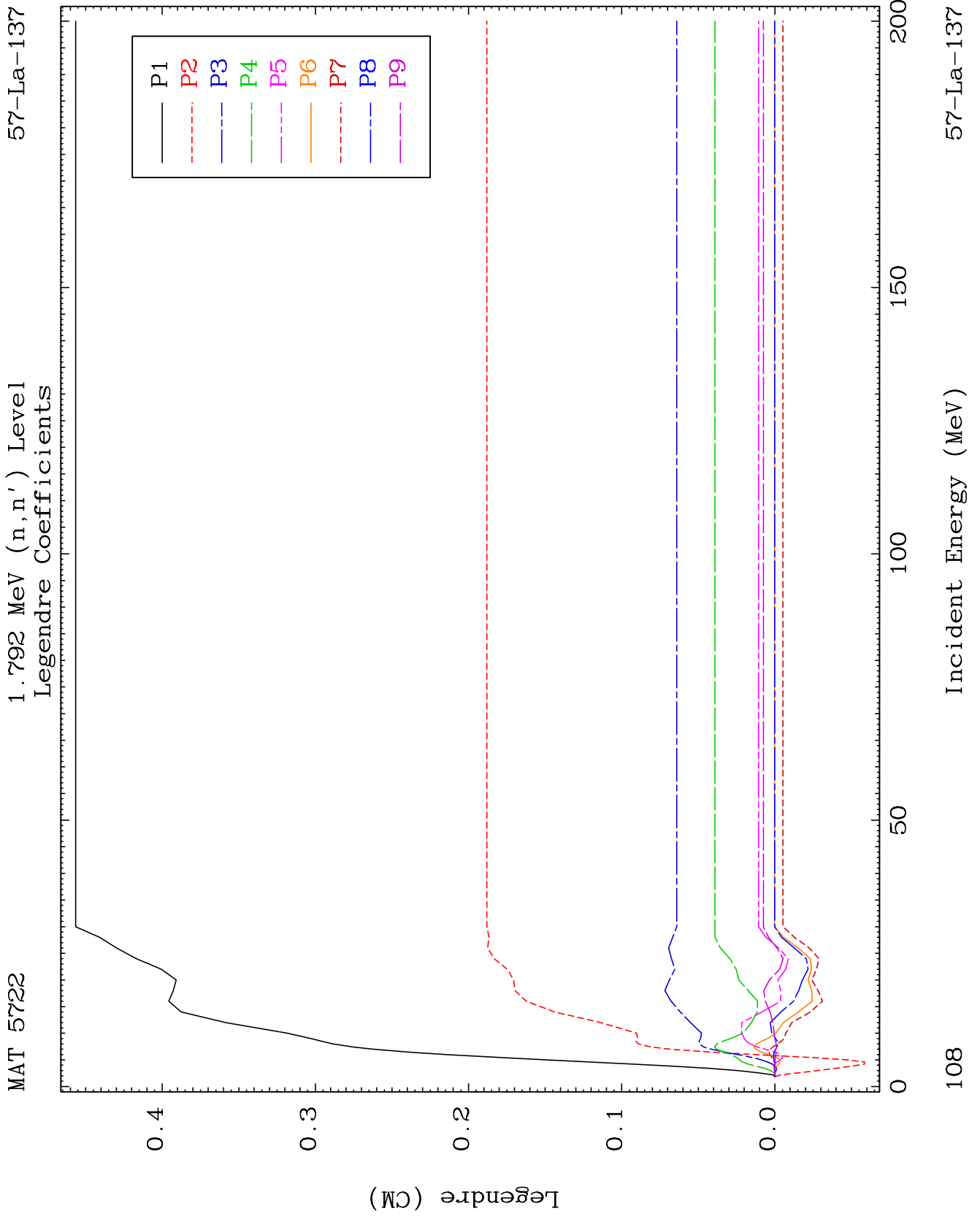


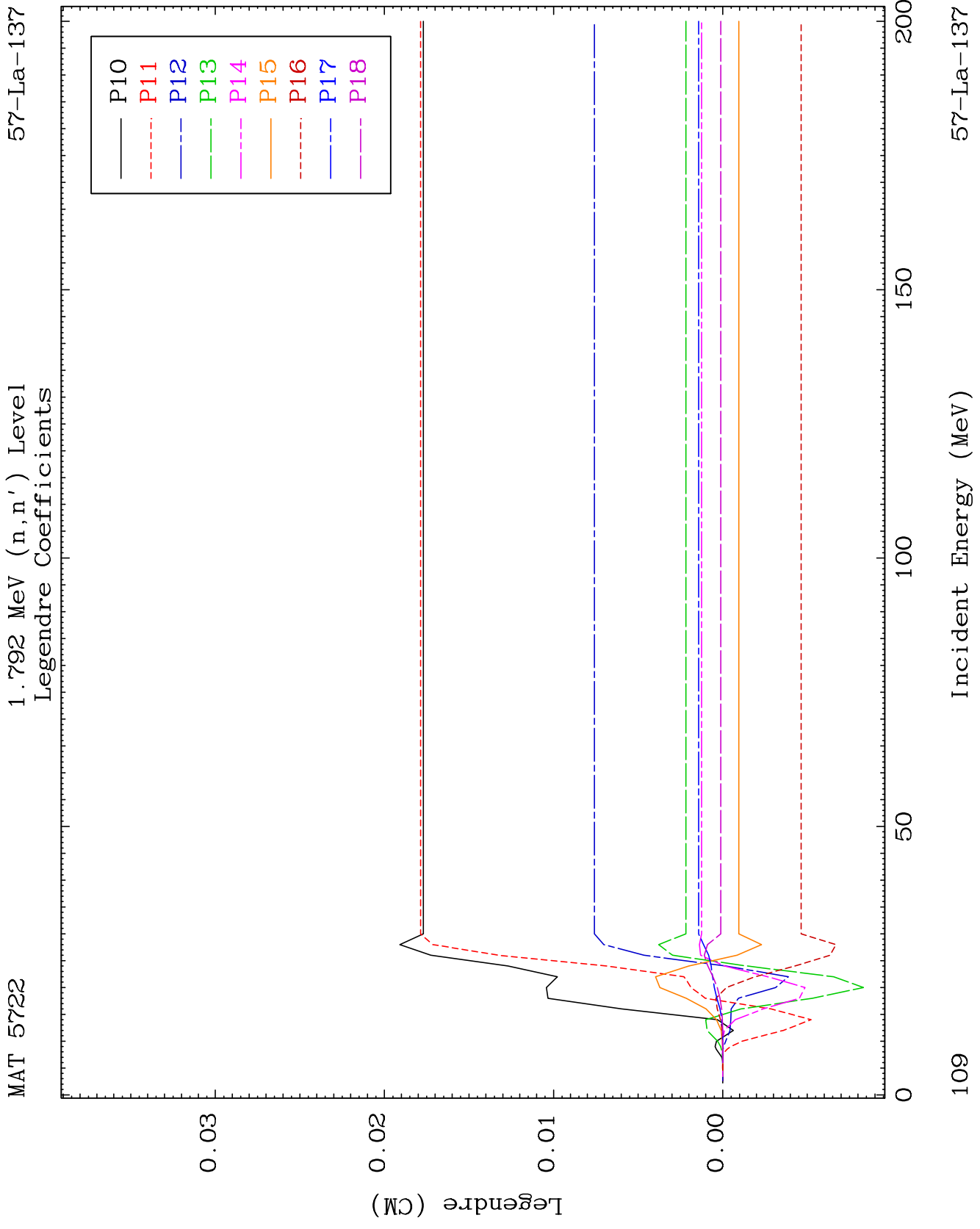
MAT 5722

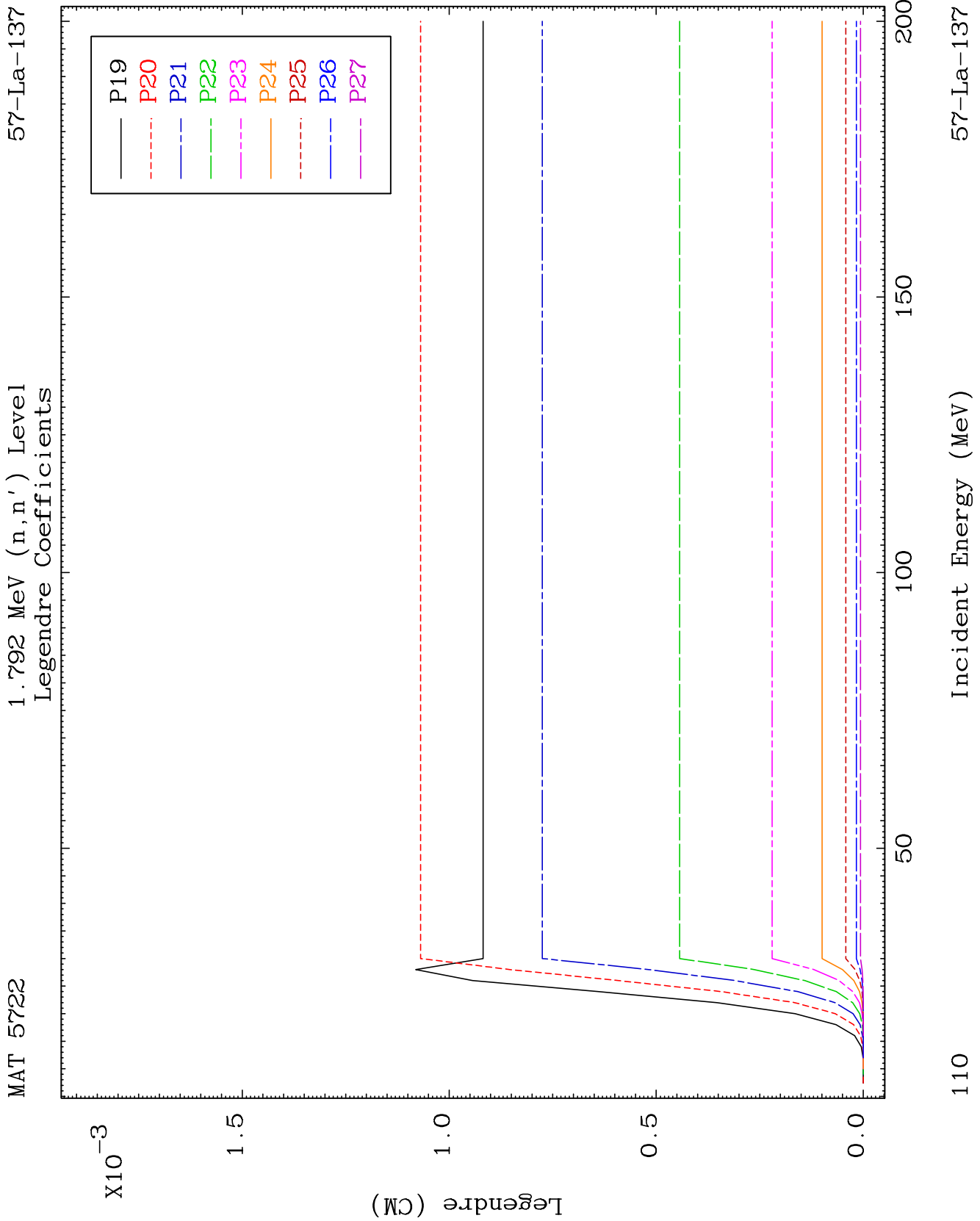
1.787 MeV (n, n') Level
Legendre Coefficients

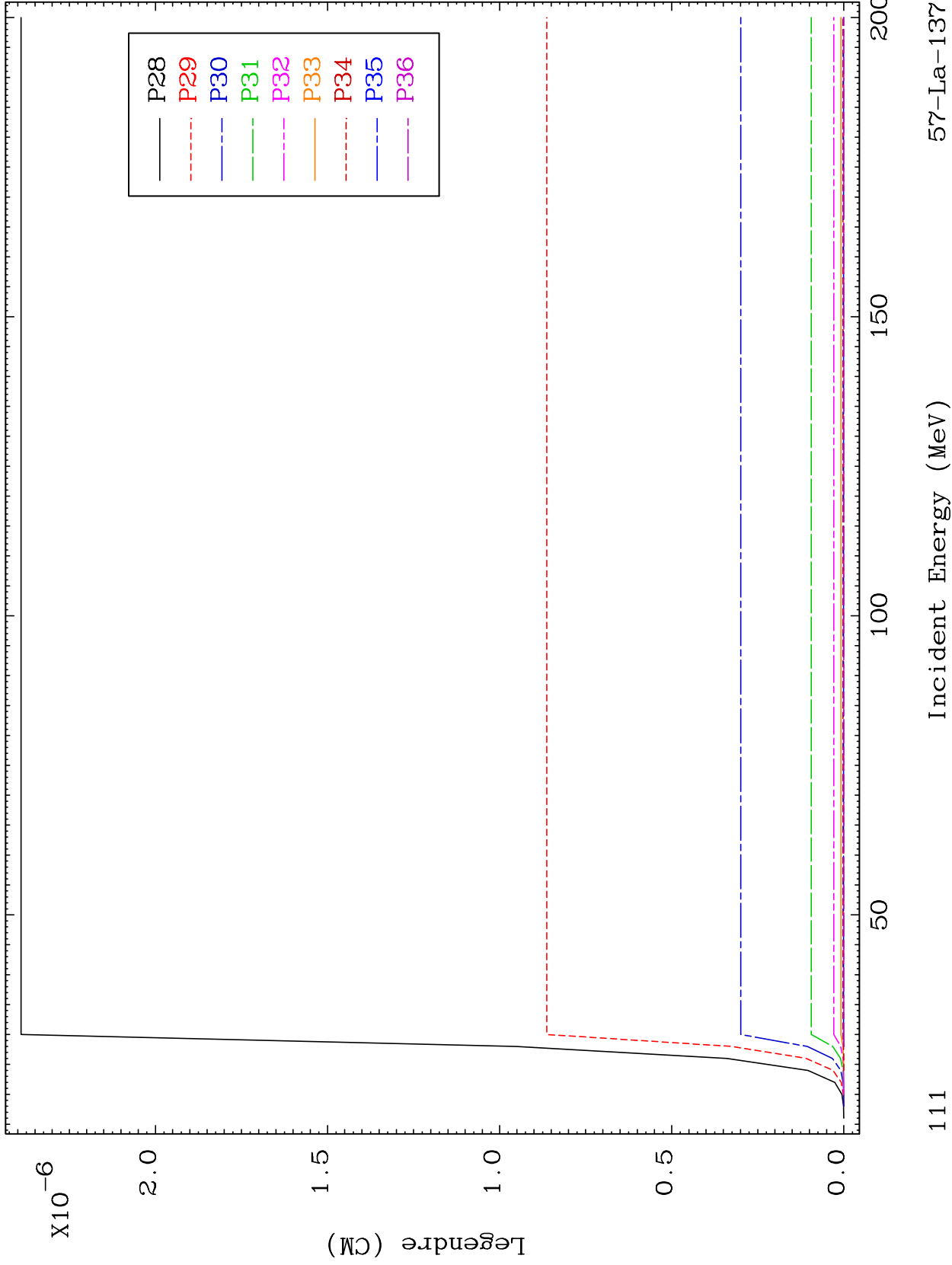
57-La-137

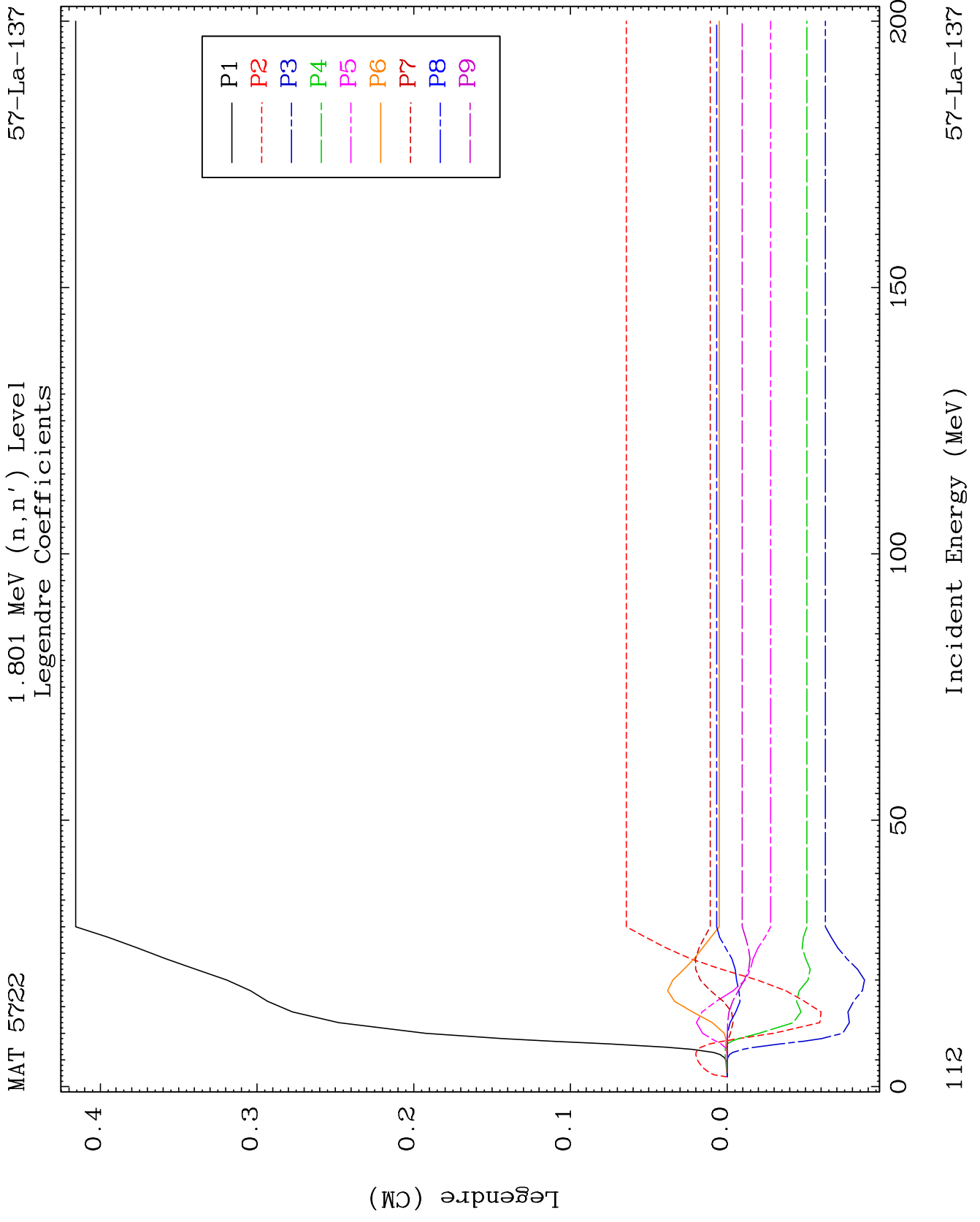




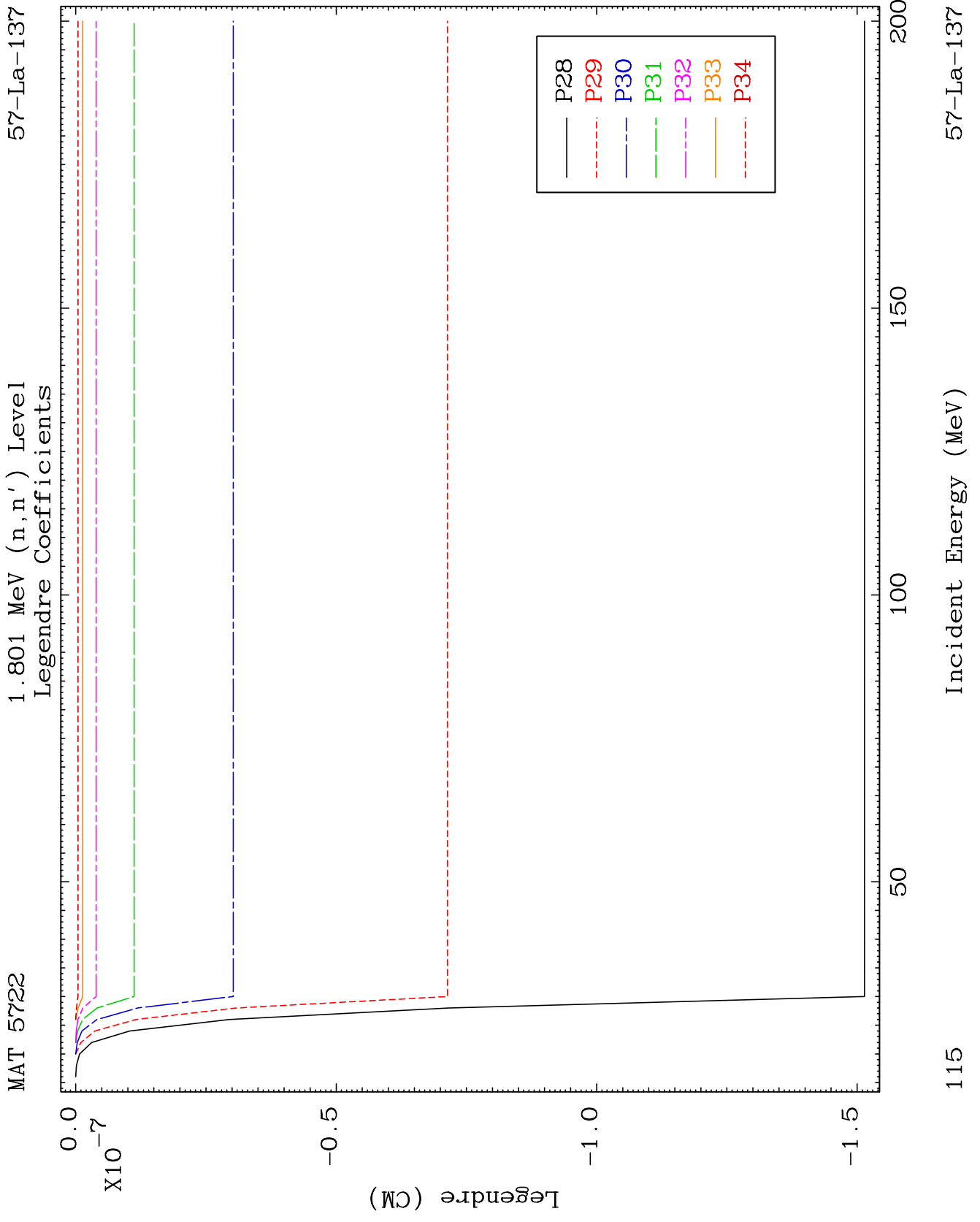


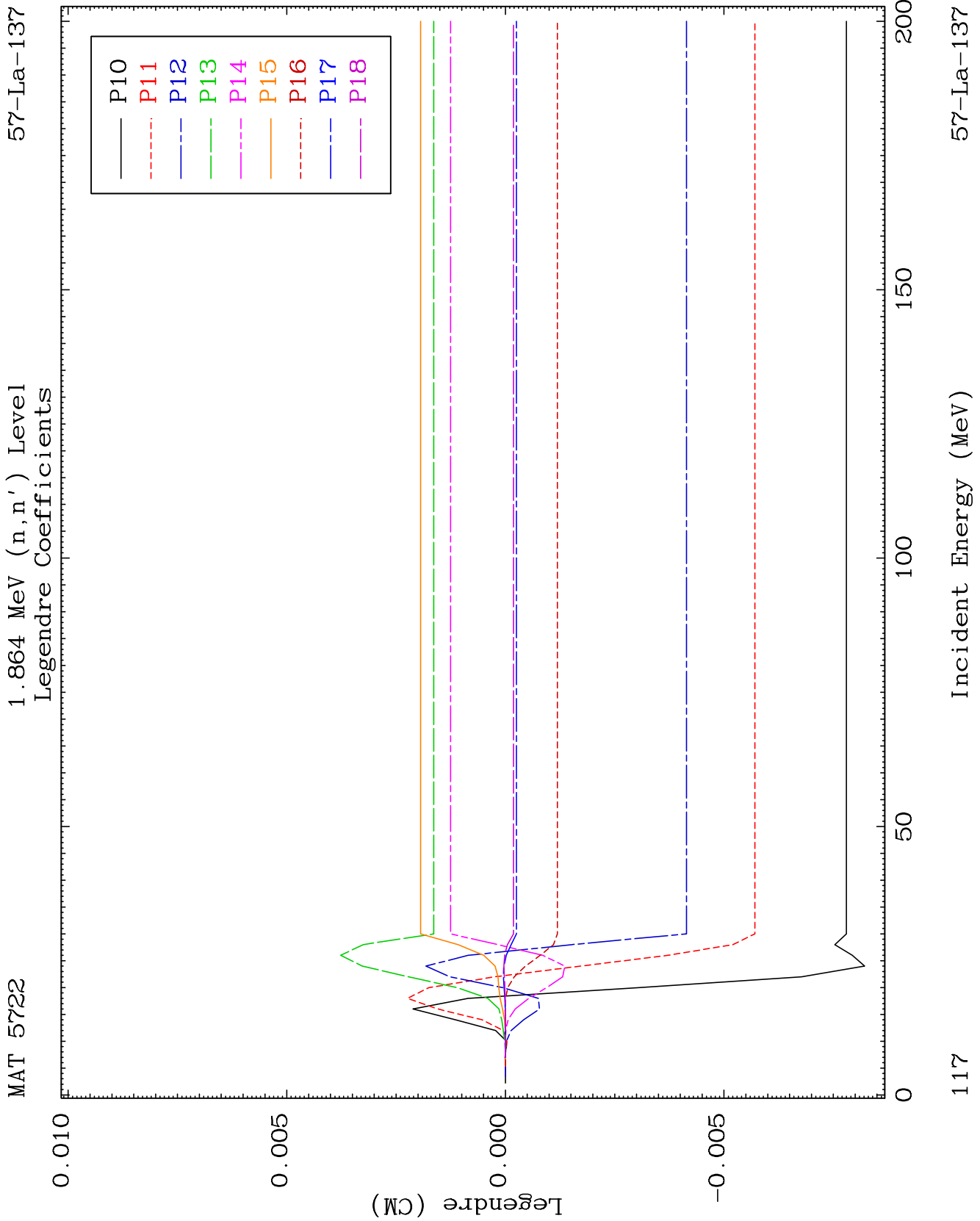


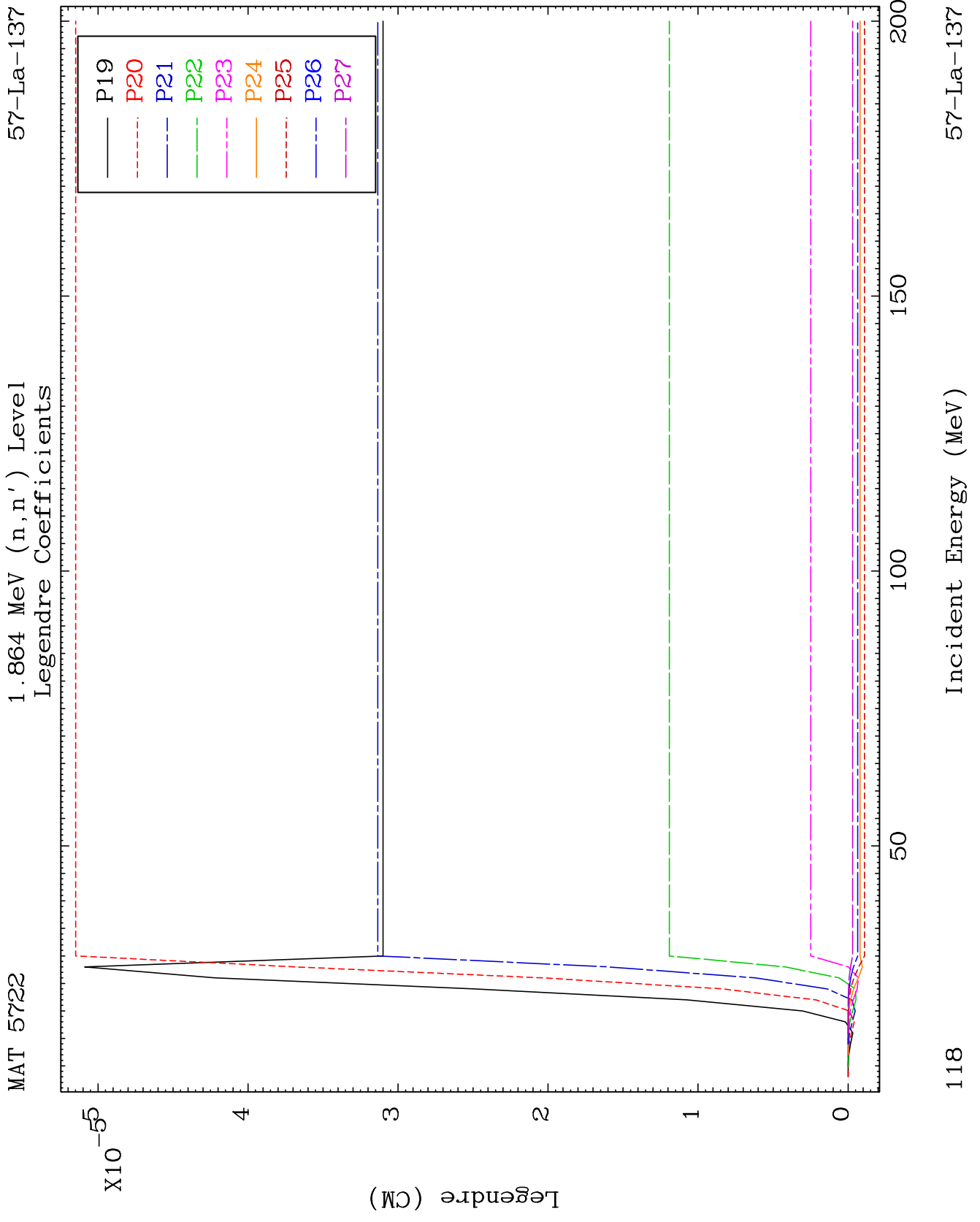


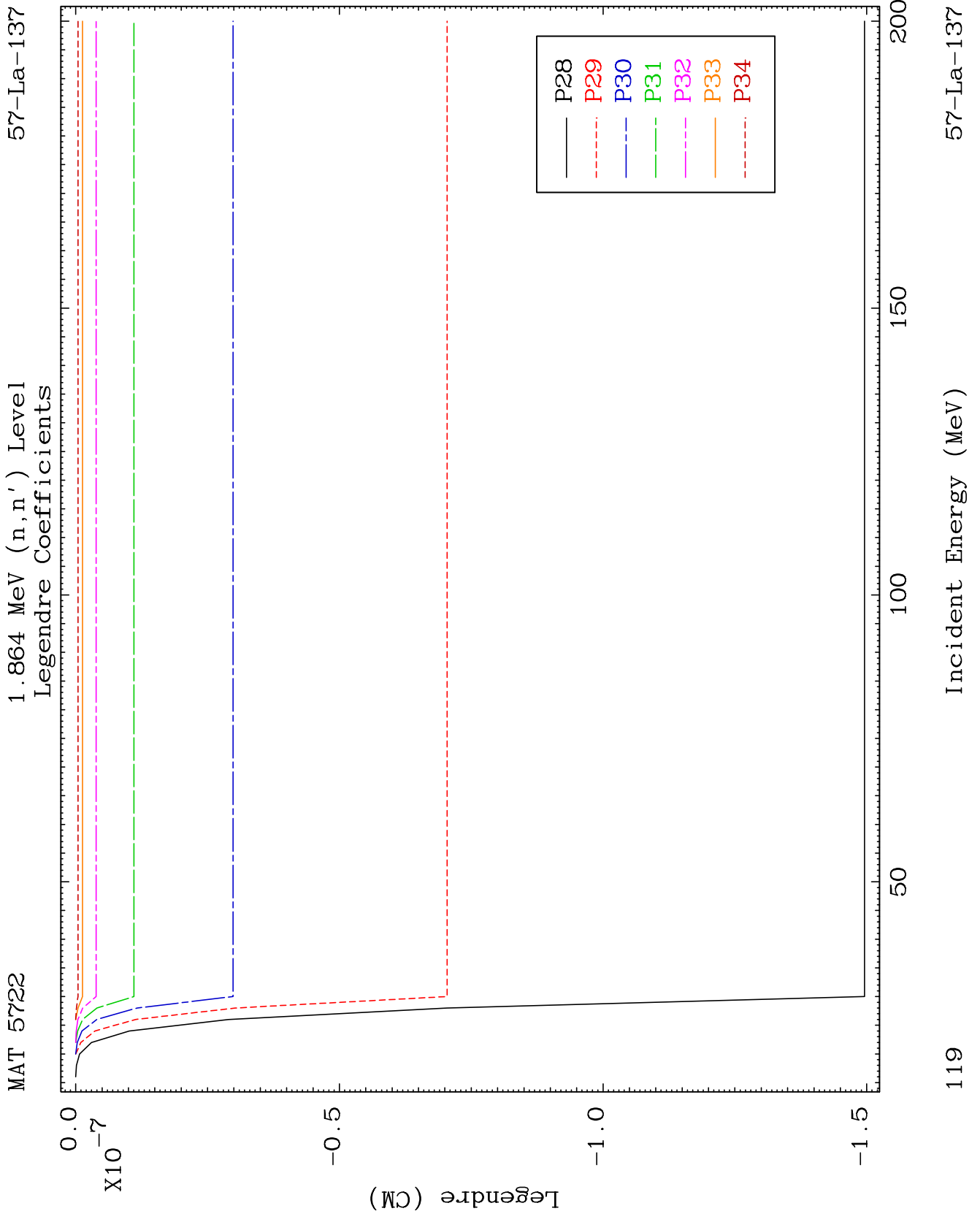


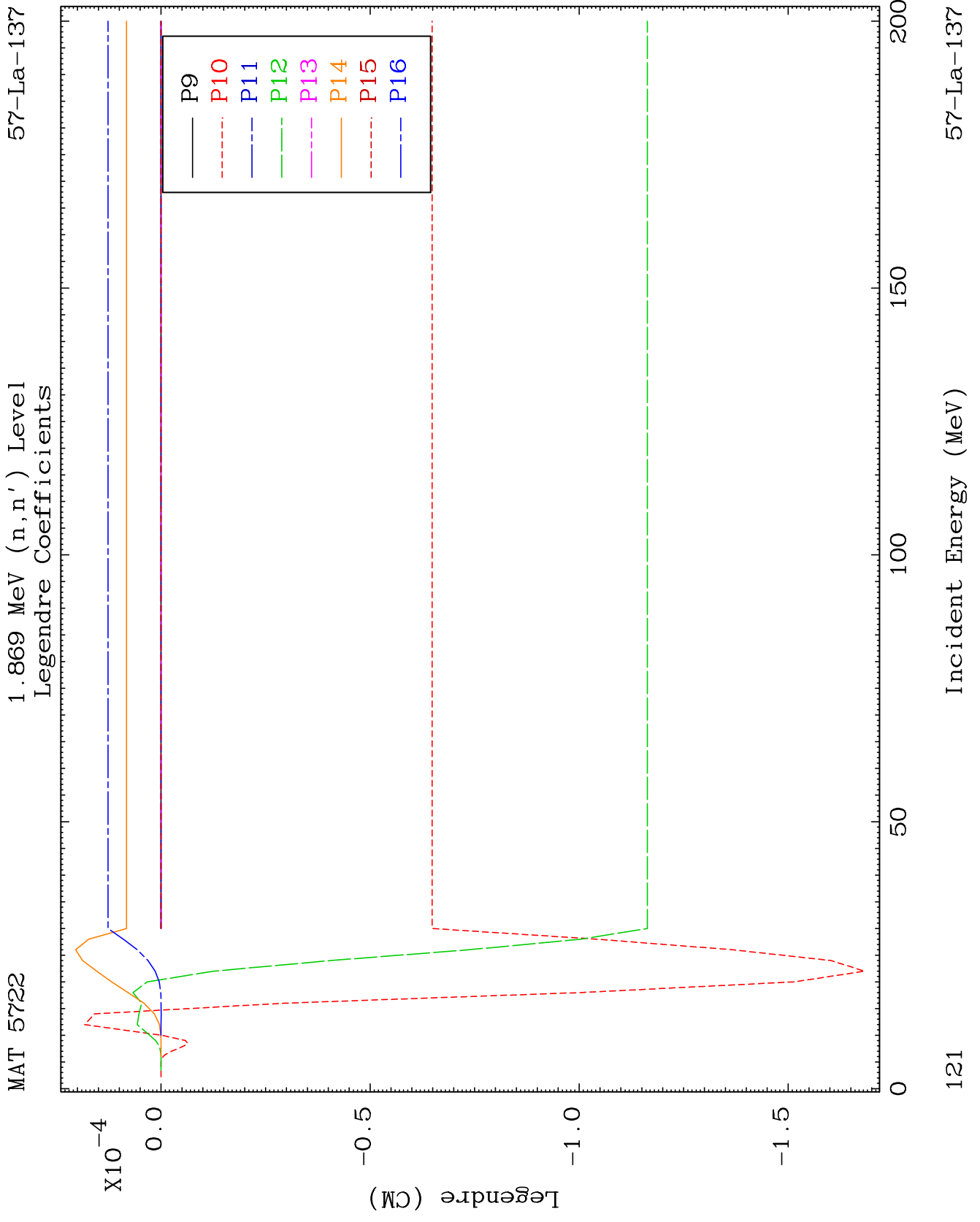


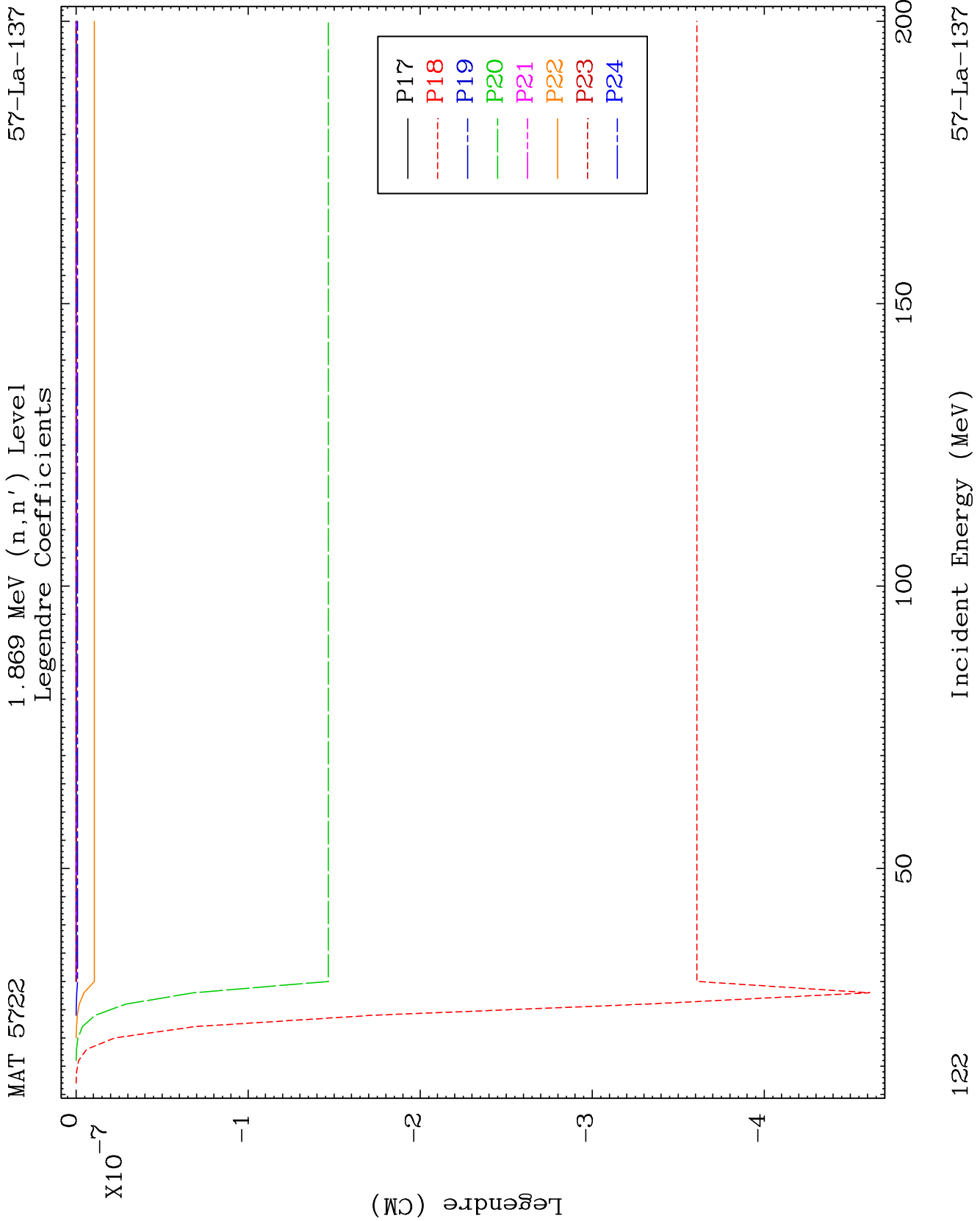


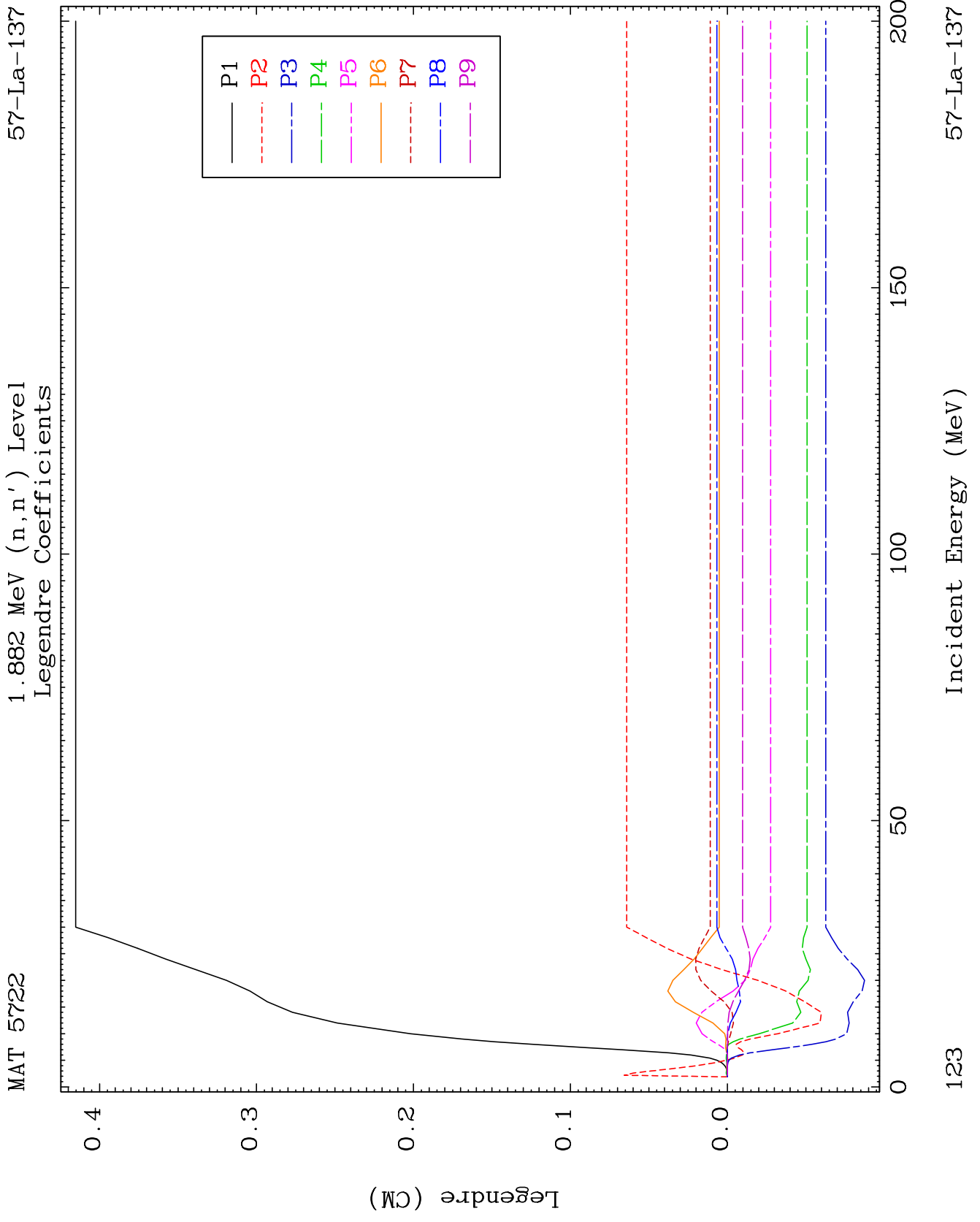


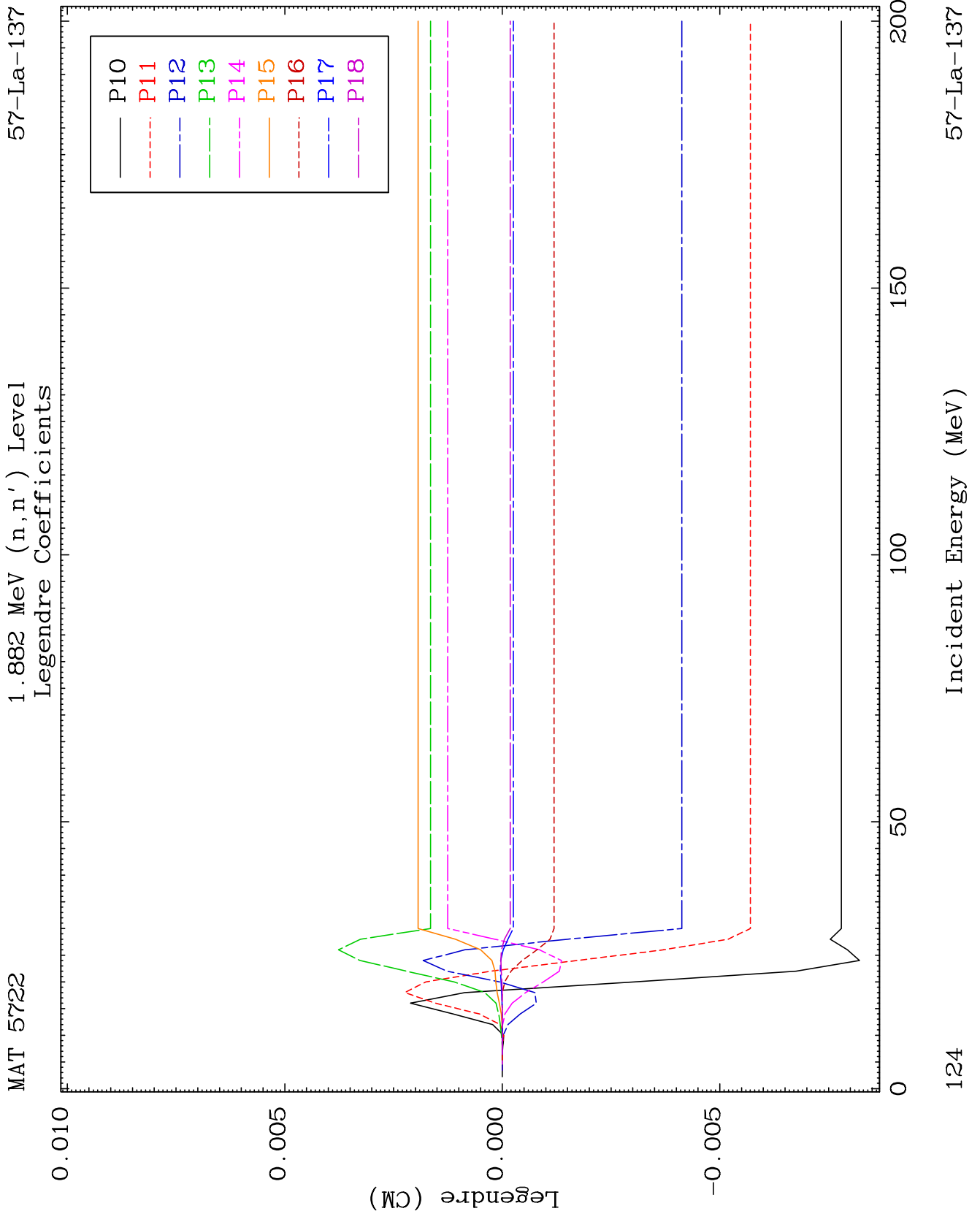


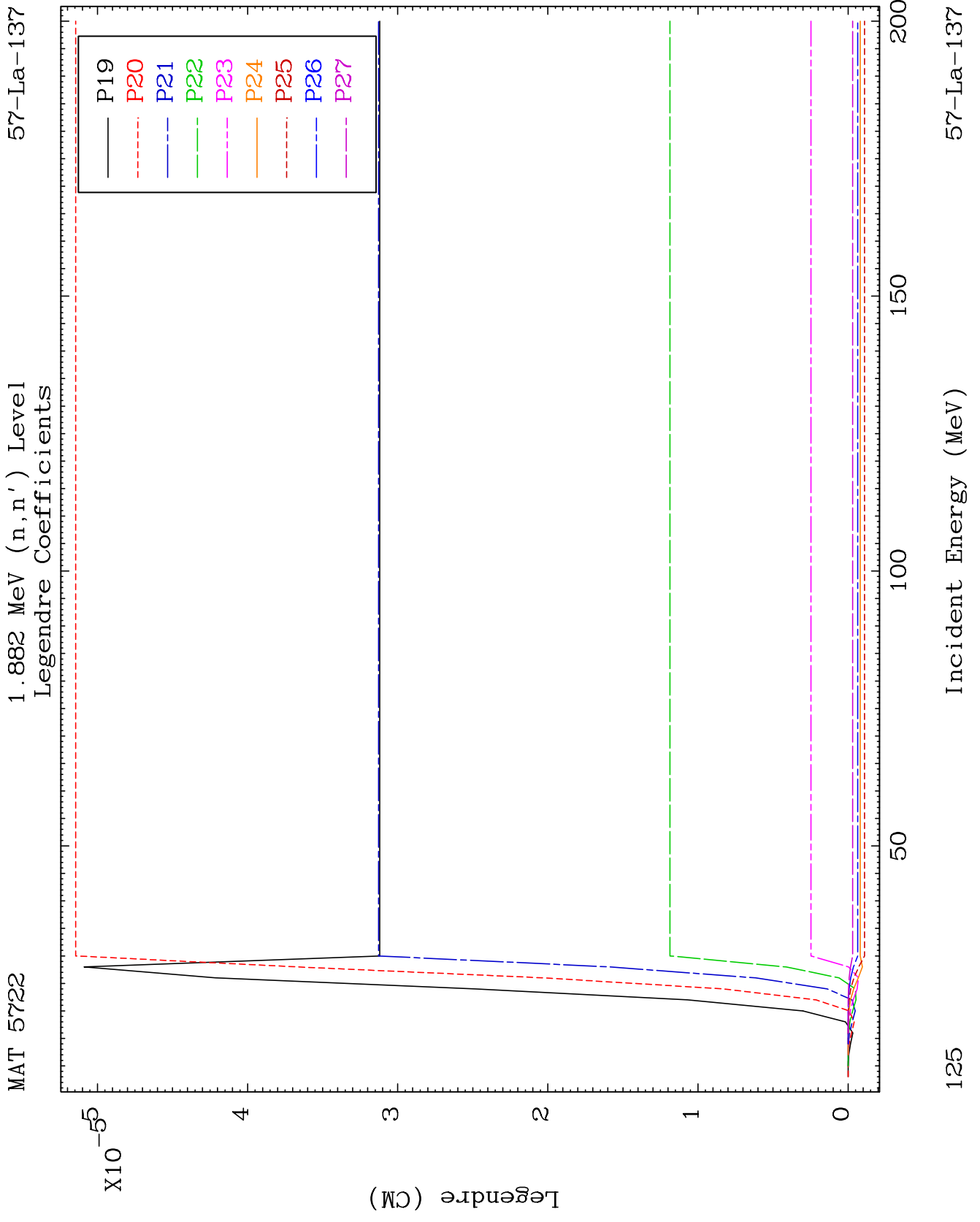


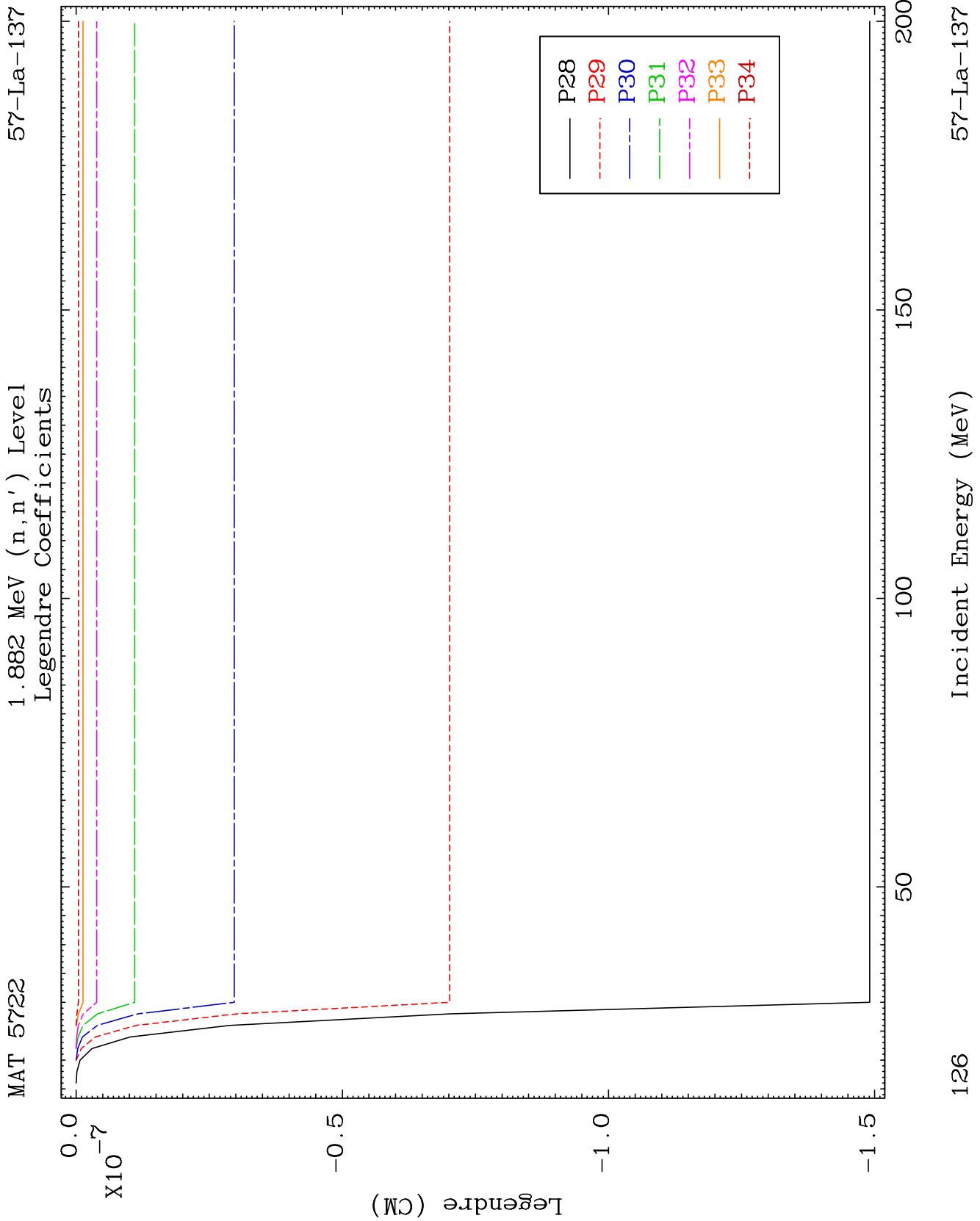








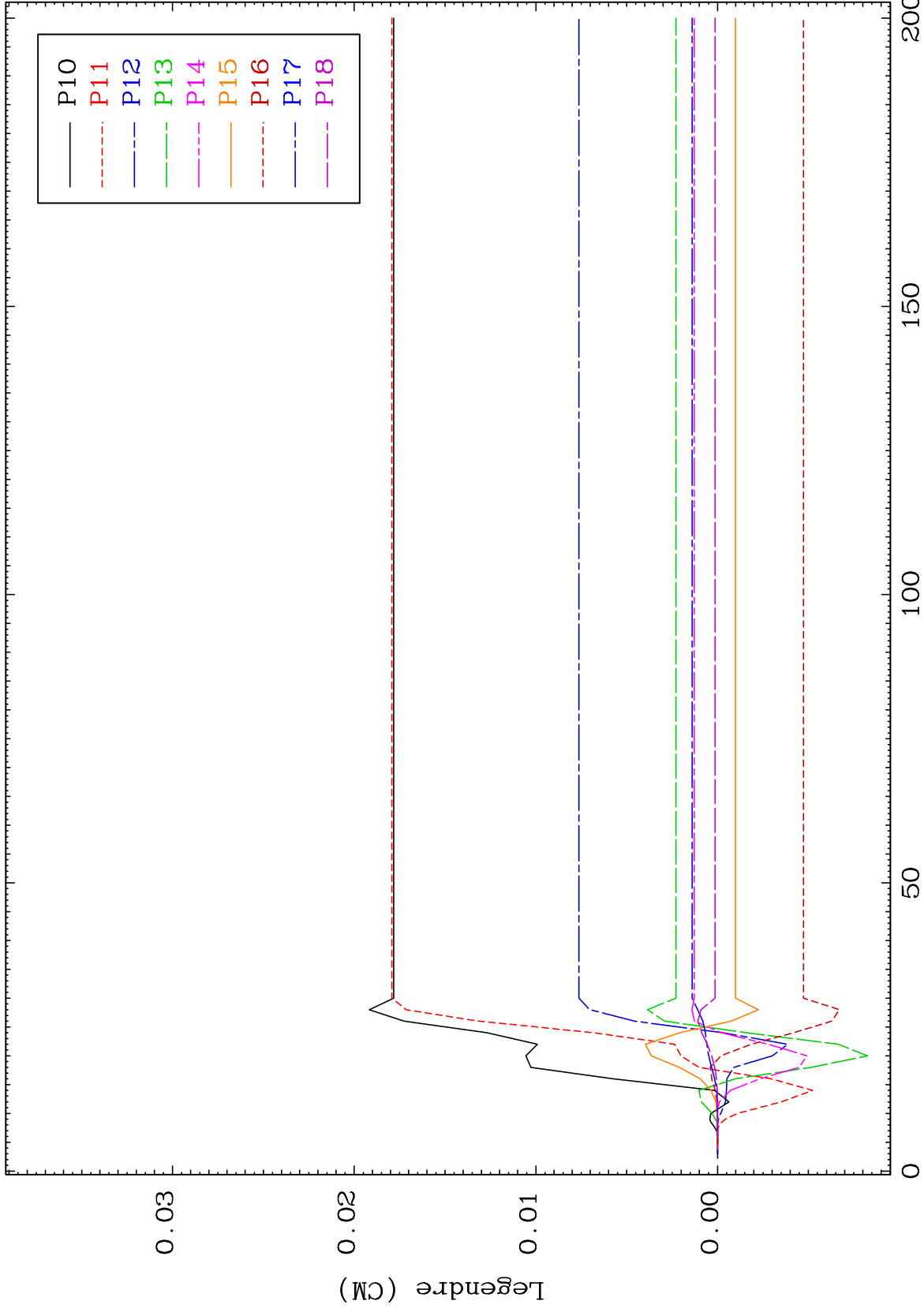




MAT 5722

1.894 MeV (n,n') Level
Legendre Coefficients

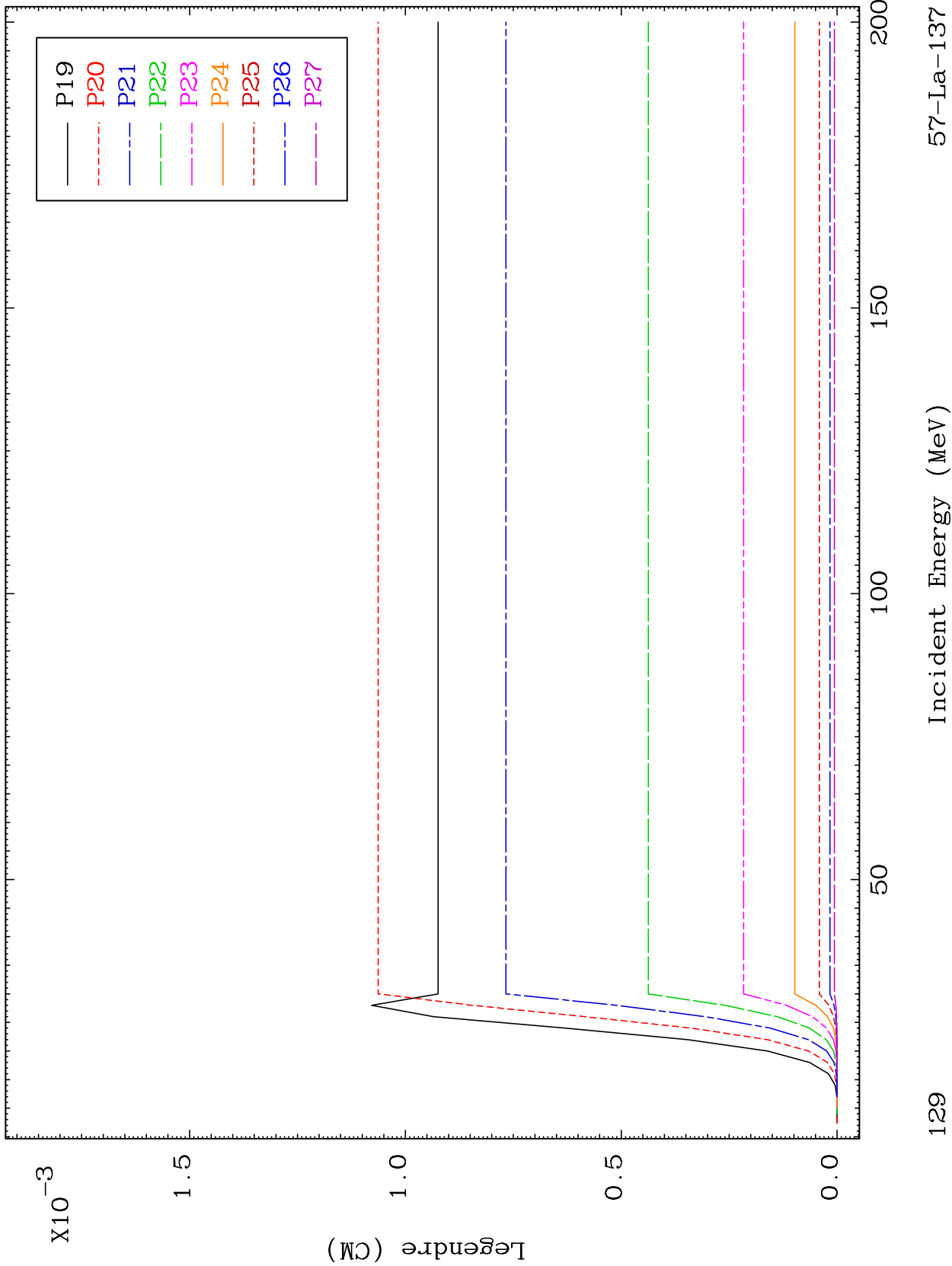
57-La-137



128

Incident Energy (MeV)

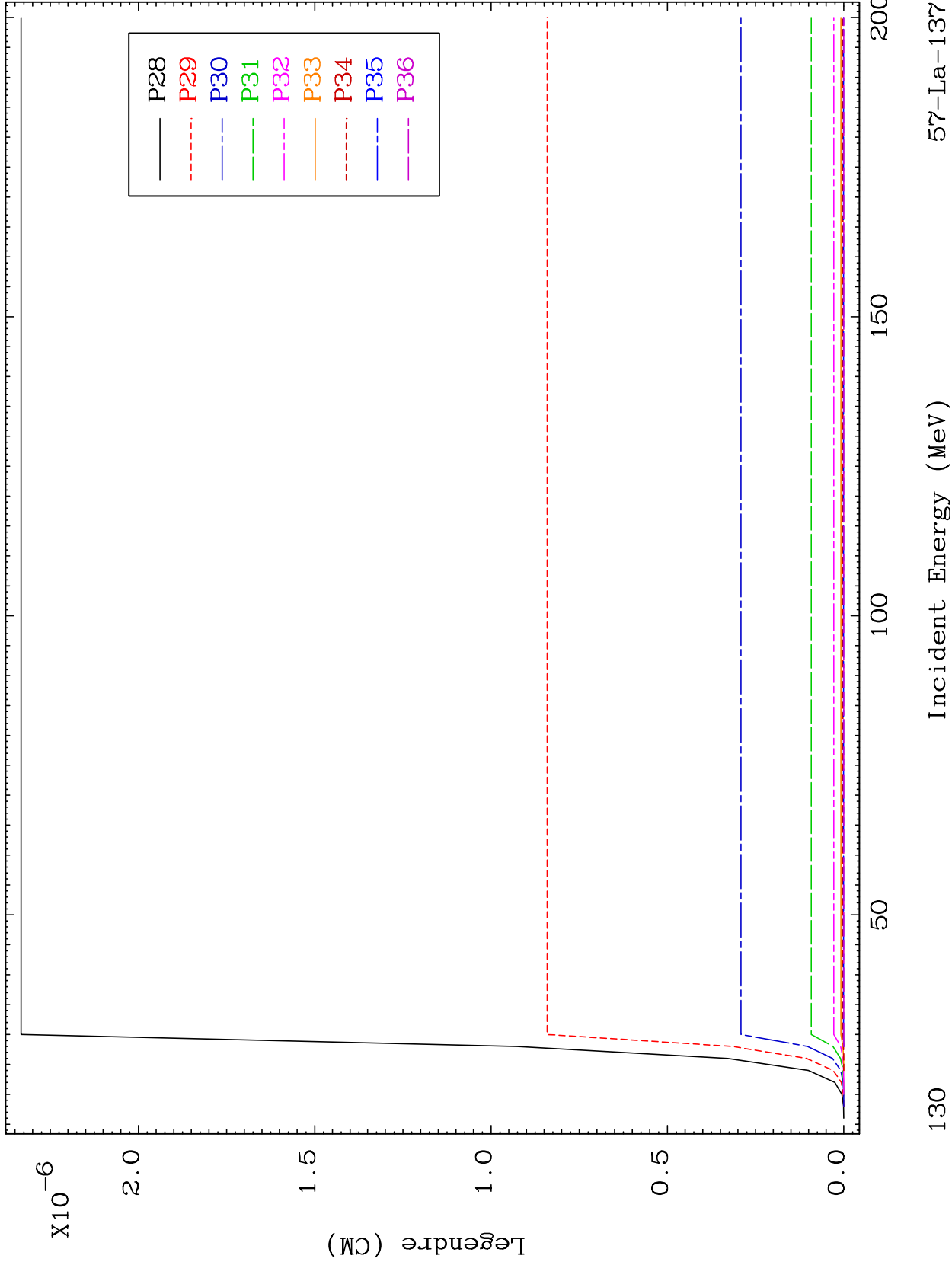
57-La-137



MAT 5722

1.894 MeV (n, n') Level
Legendre Coefficients

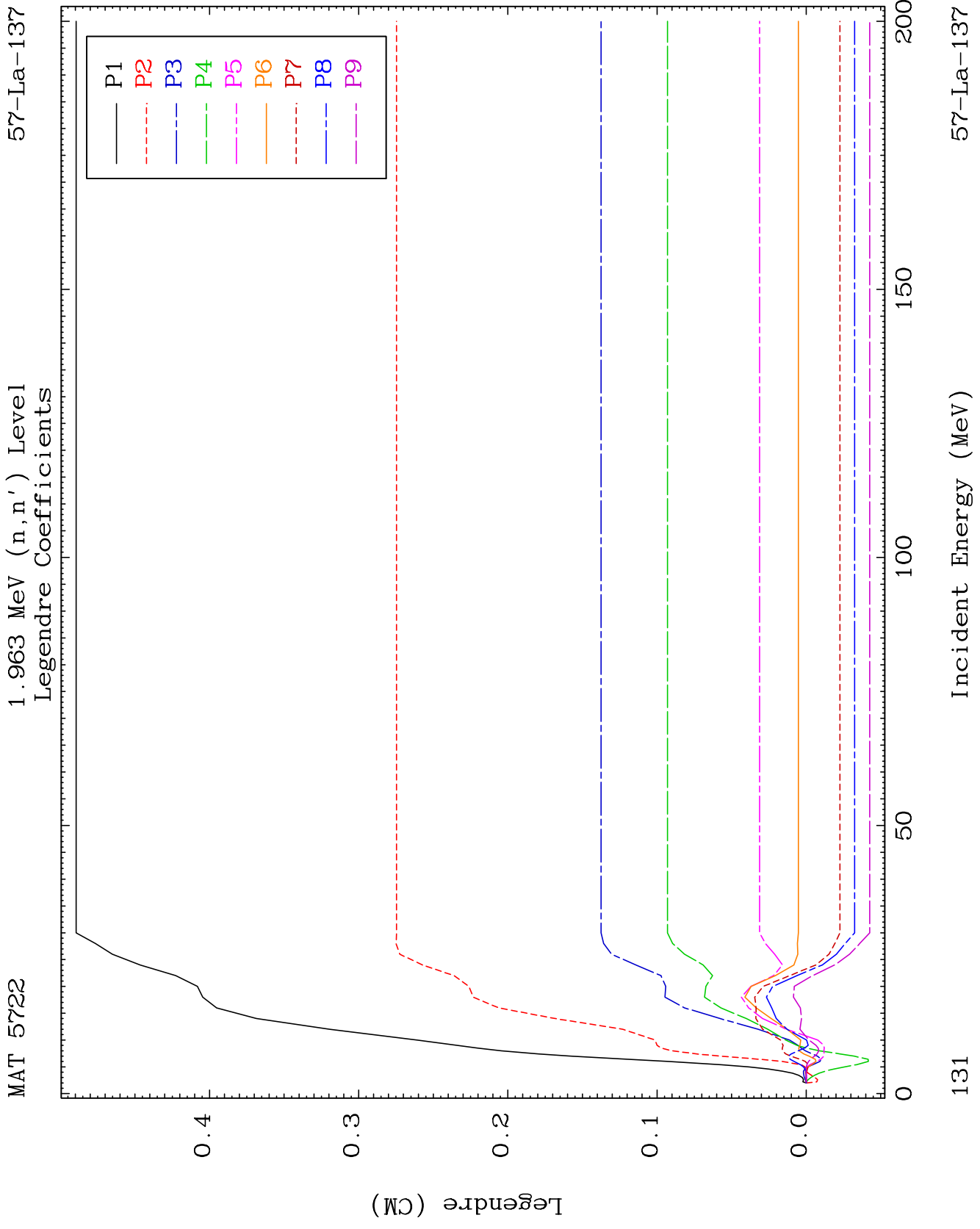
57-La-137

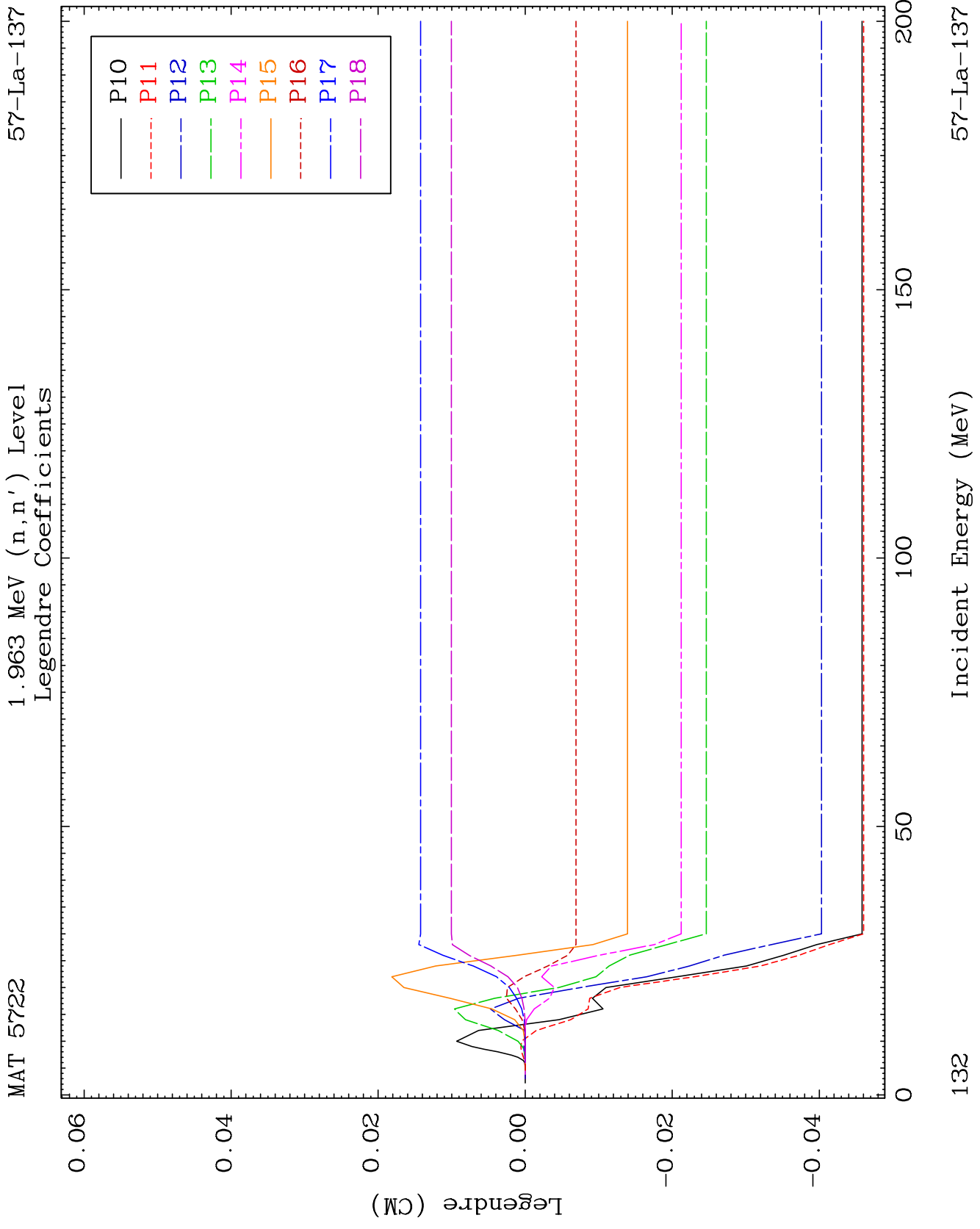


130

Incident Energy (MeV)

57-La-137

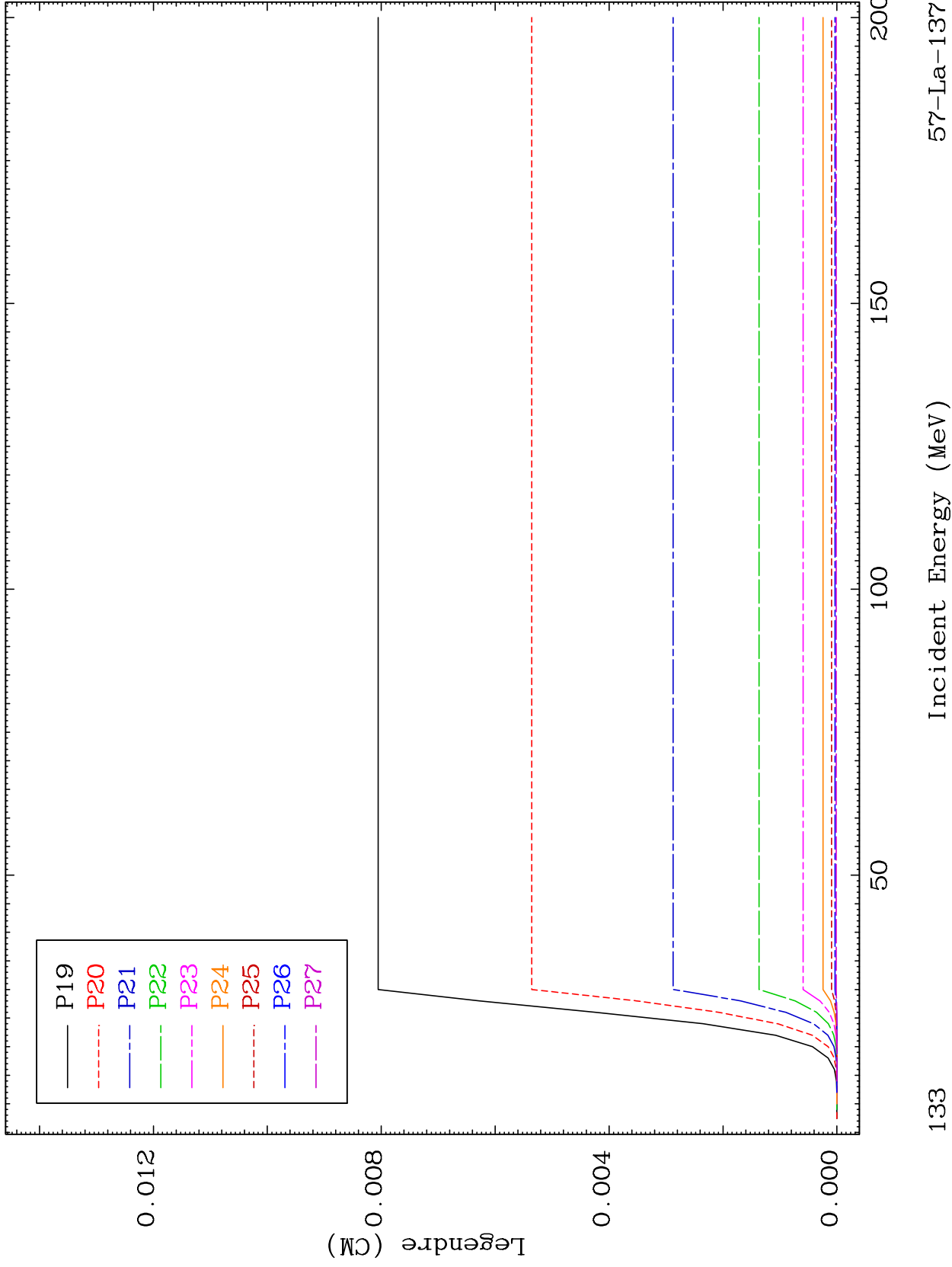




MAT 5722

1.963 MeV (n,n') Level
Legendre Coefficients

57-La-137



133

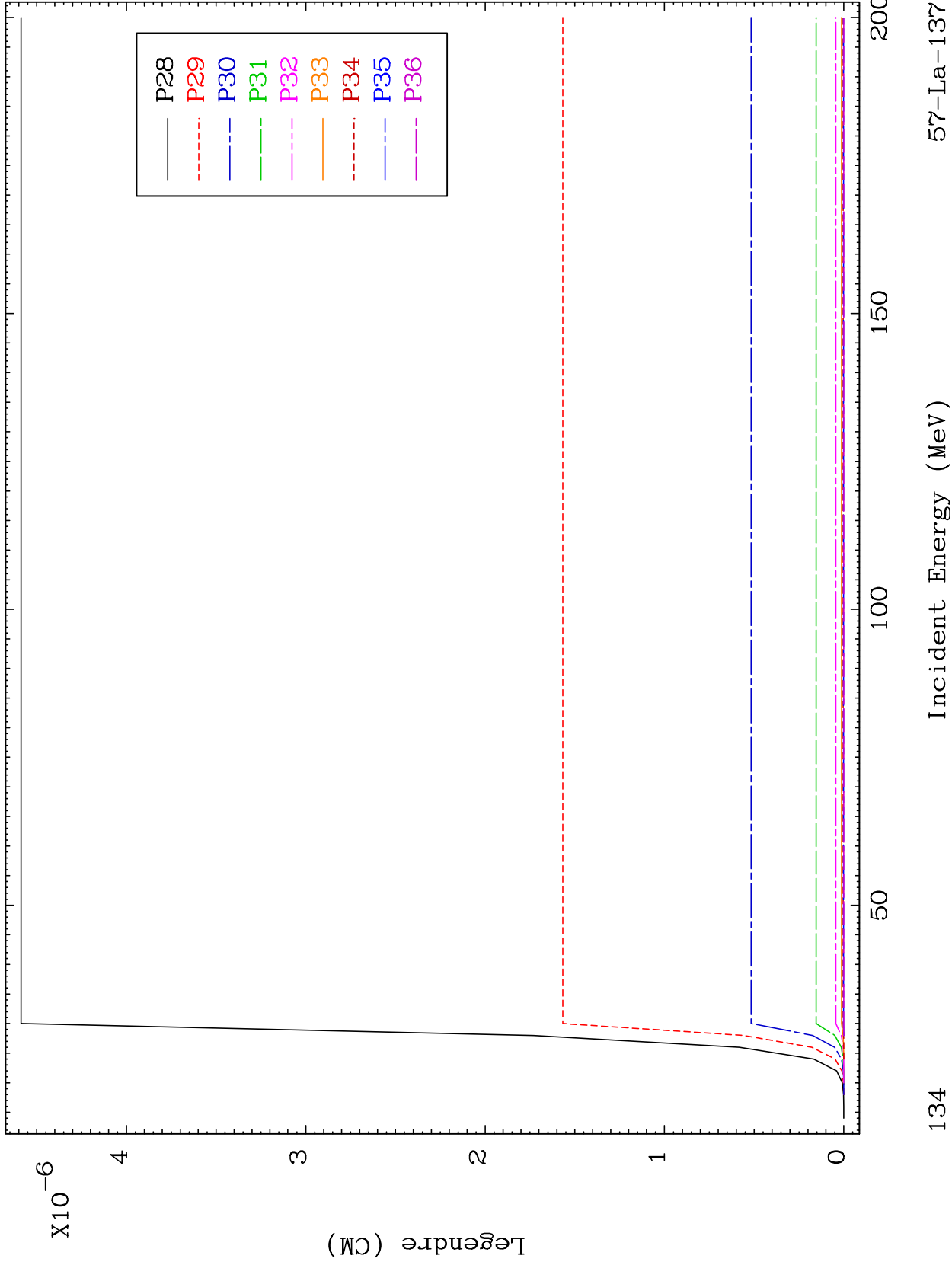
Incident Energy (MeV)

57-La-137

MAT 5722

1.963 MeV (n,n') Level
Legendre Coefficients

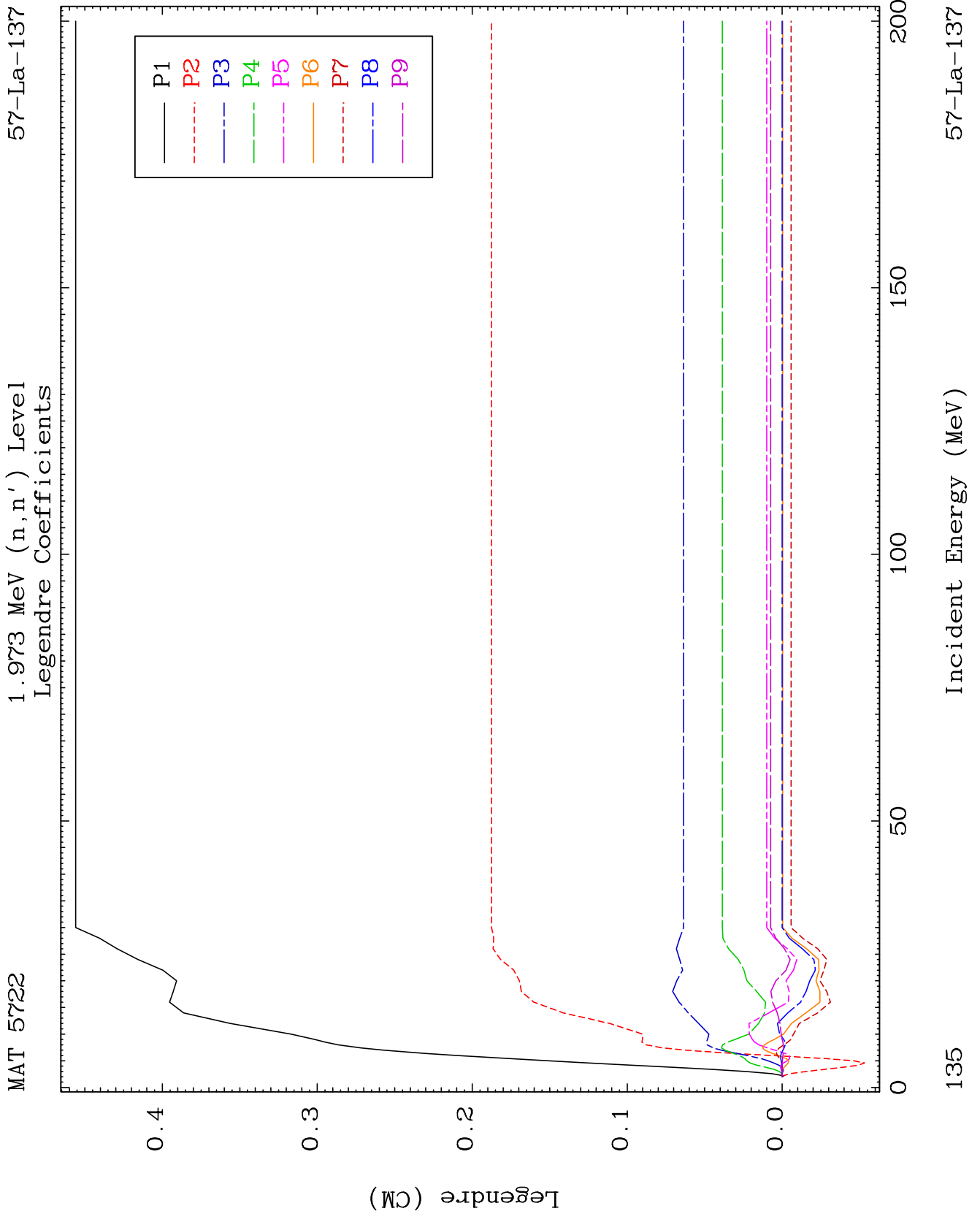
57-La-137

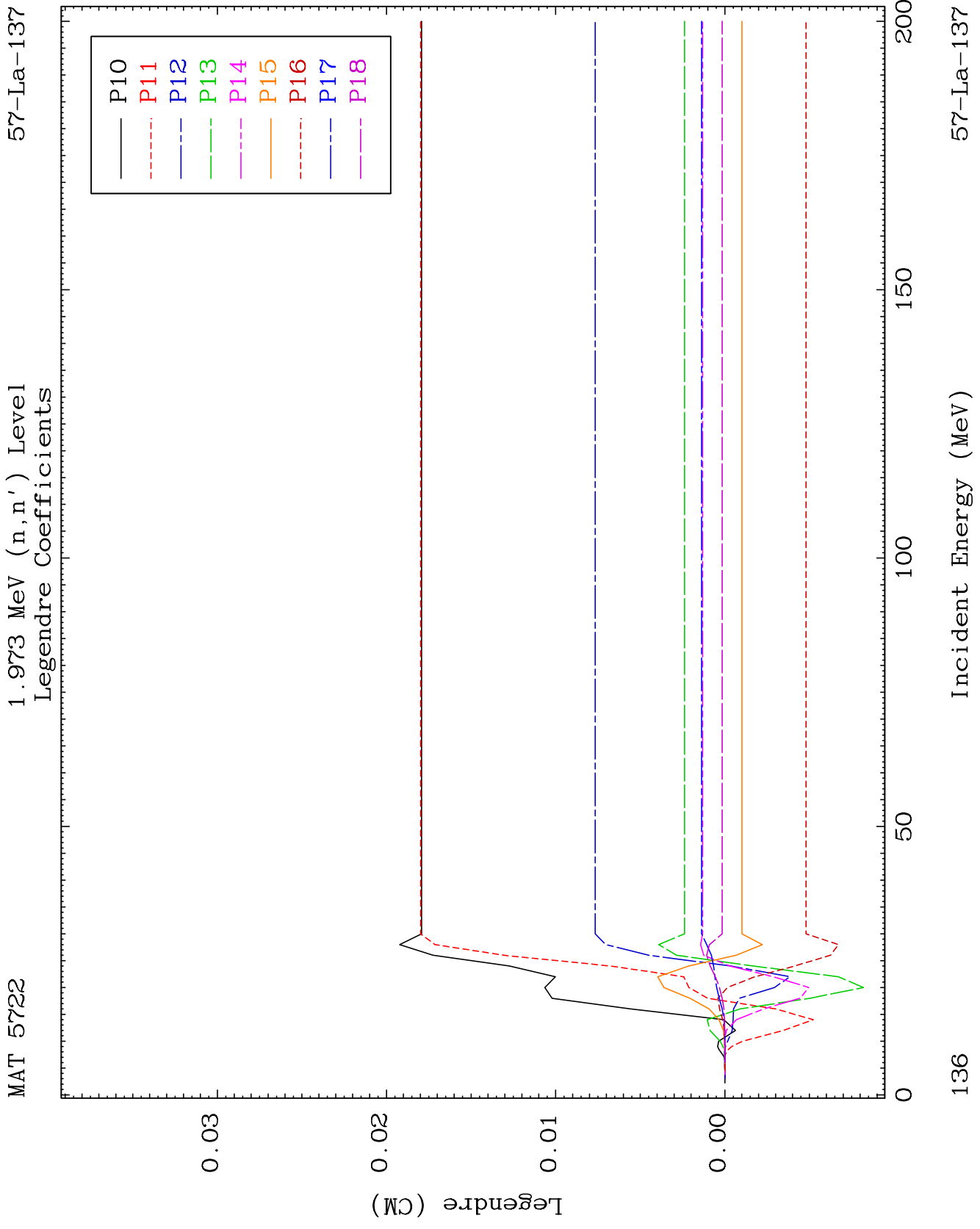


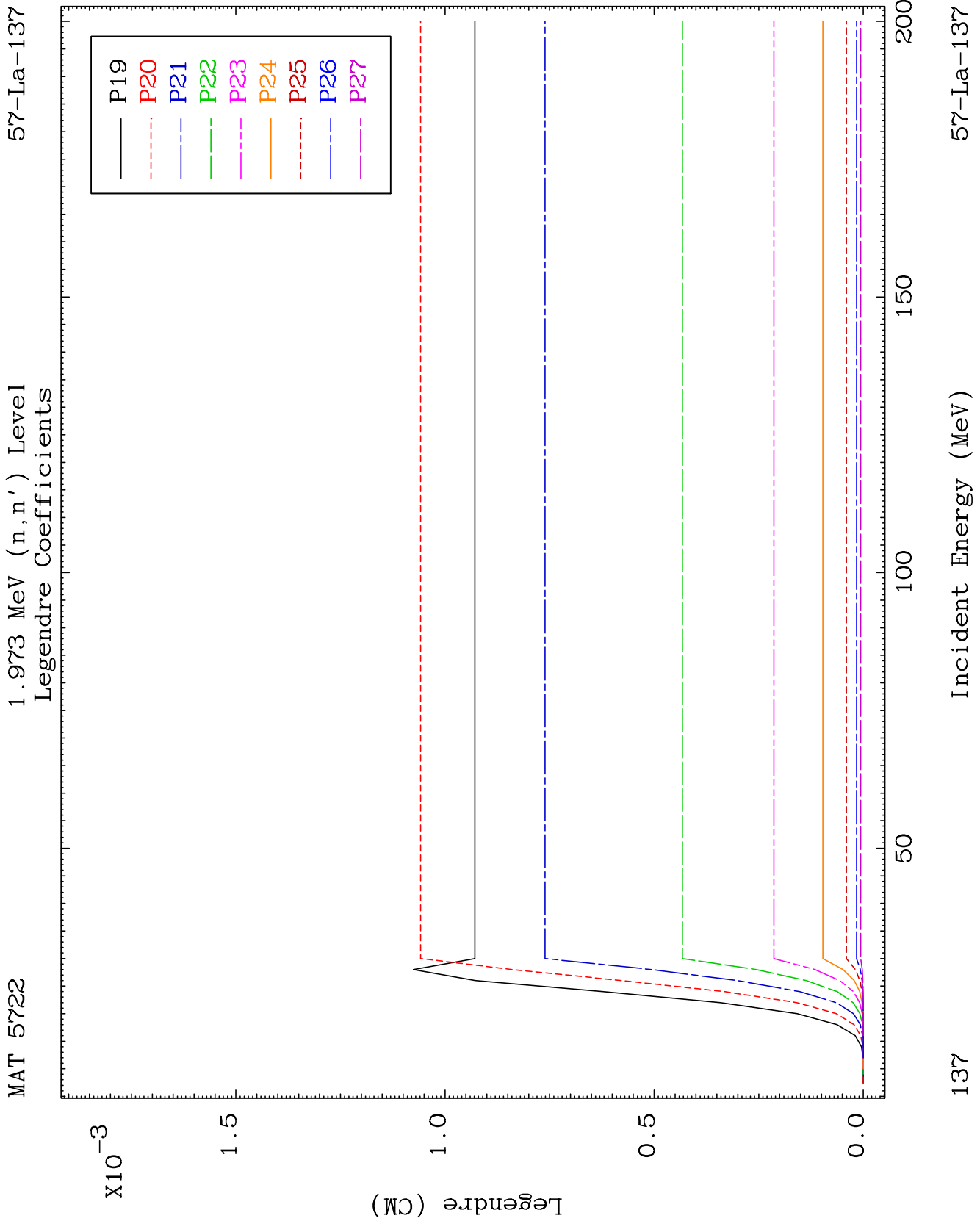
134

Incident Energy (MeV)

57-La-137



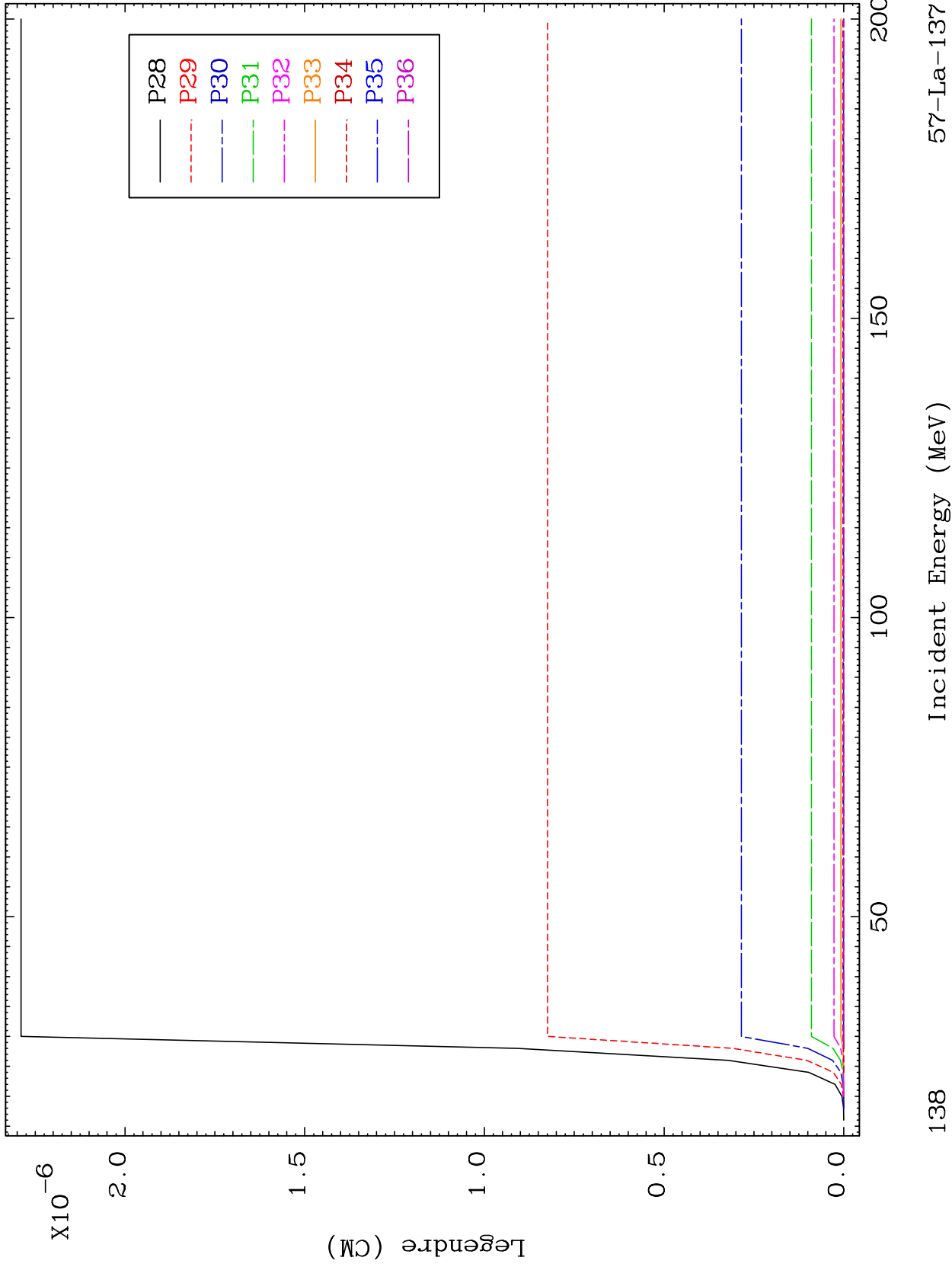




MAT 5722

1.973 MeV (n, n') Level
Legendre Coefficients

57-La-137



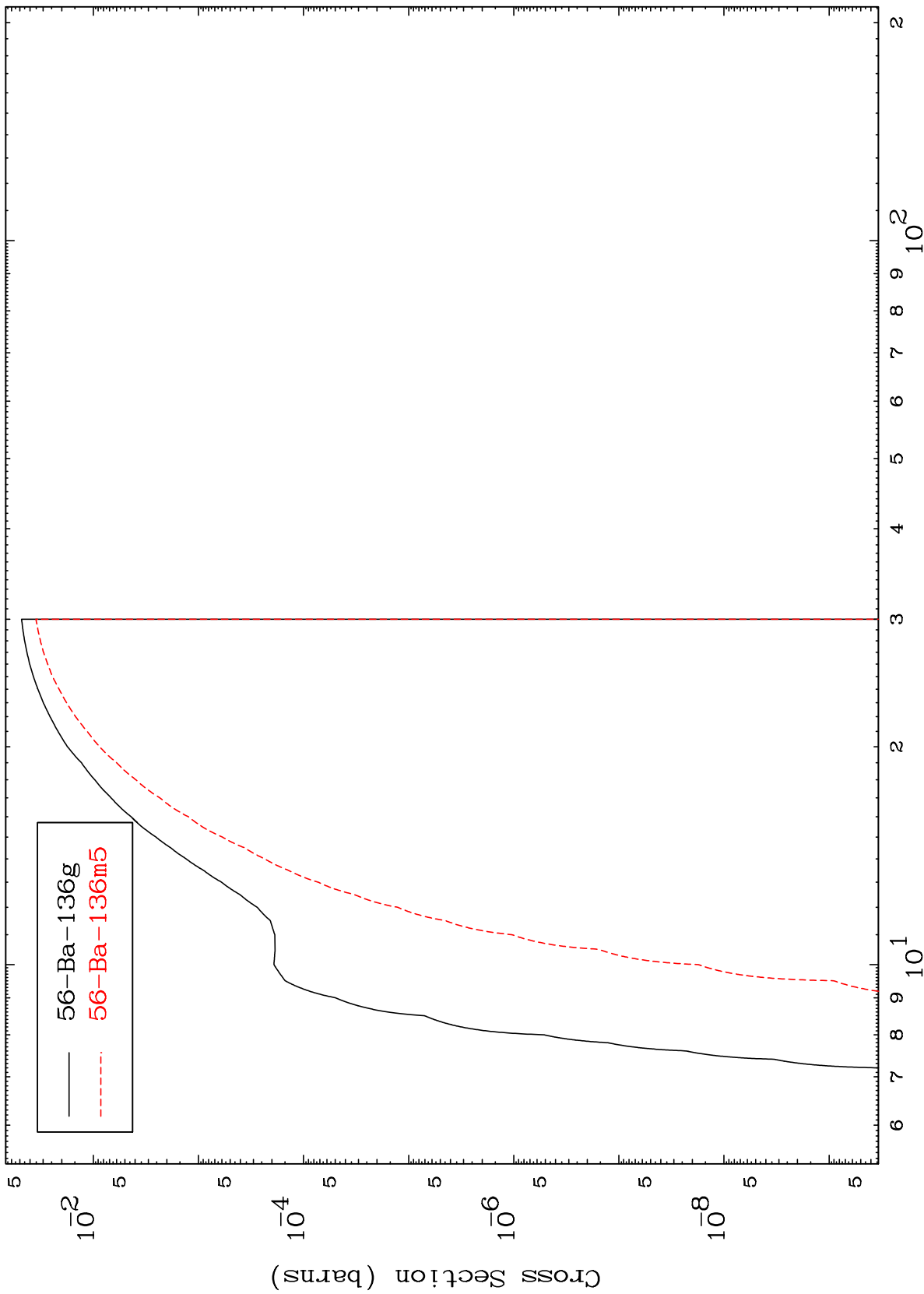
138

57-La-137

MAT 5722

57-La-137

(n,n') p
Radionuclide Production Cross Section



56-Ba-136g
56-Ba-136m5

57-La-137

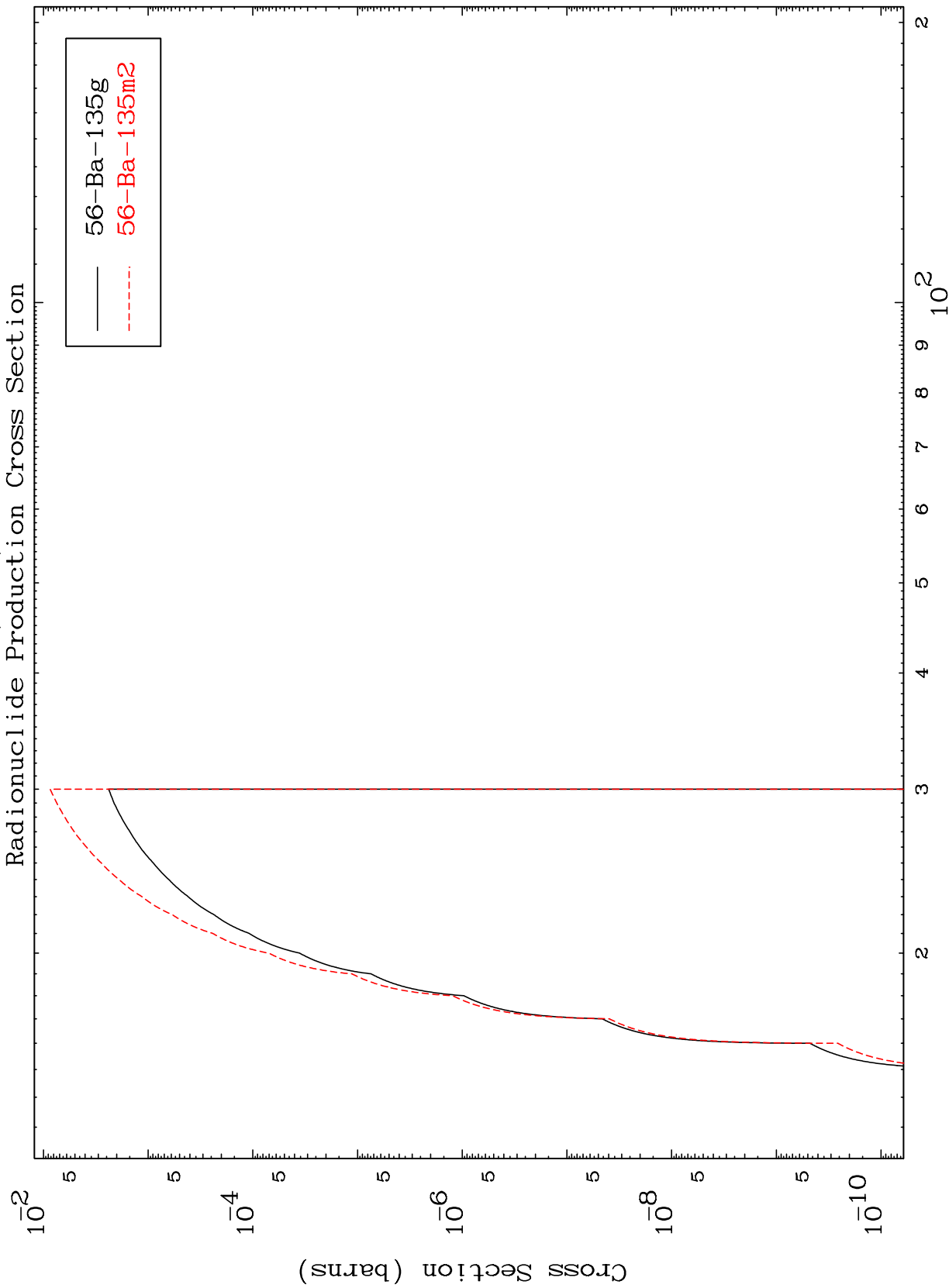
Incident Energy (MeV)

139

MAT 5722

57-La-137

(n, n') d
Radionuclide Production Cross Section



140

Incident Energy (MeV)

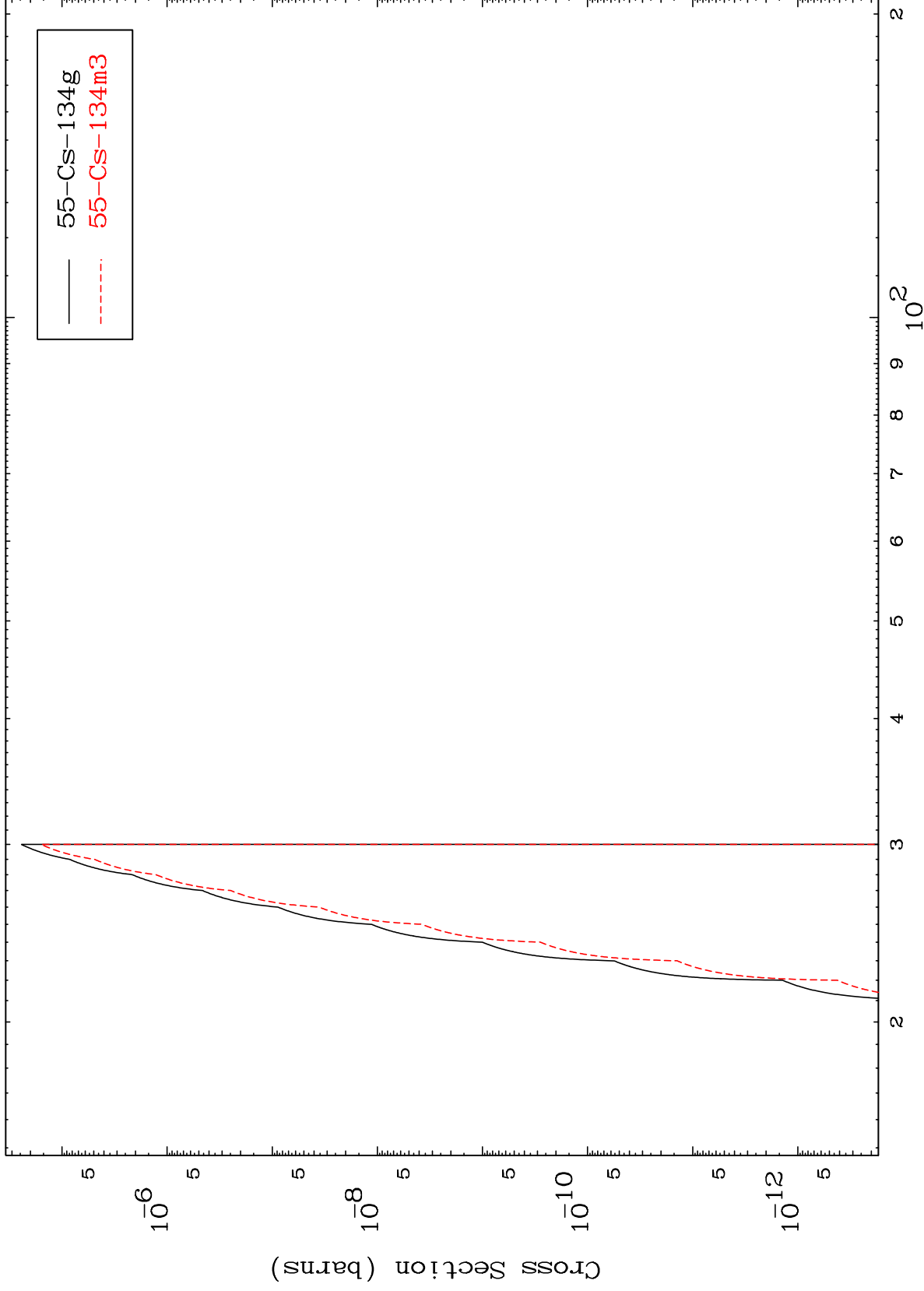
57-La-137

MAT 5722

(n,n') He-3

57-La-137

Radionuclide Production Cross Section



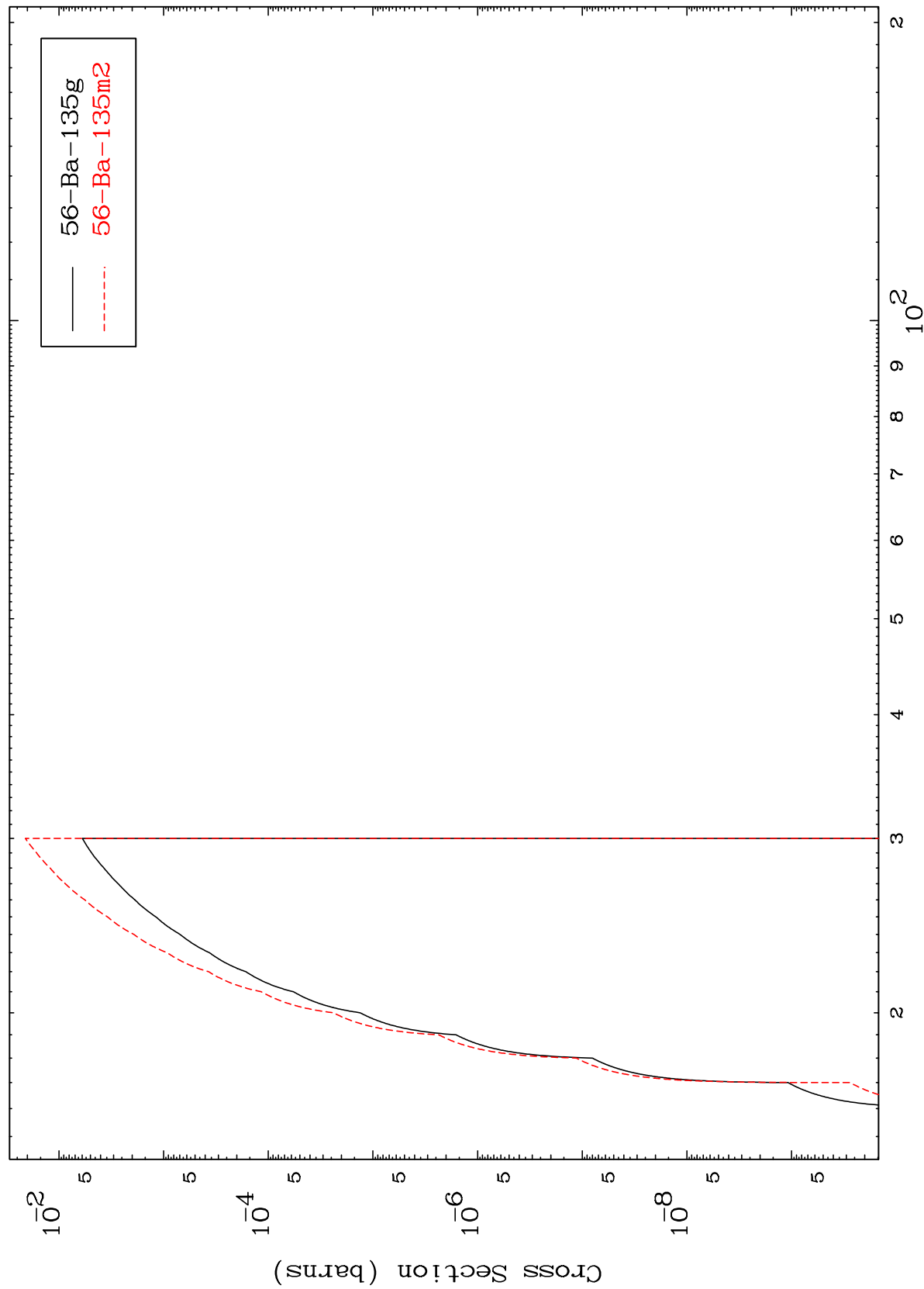
55-Cs-134g
55-Cs-134m3

141

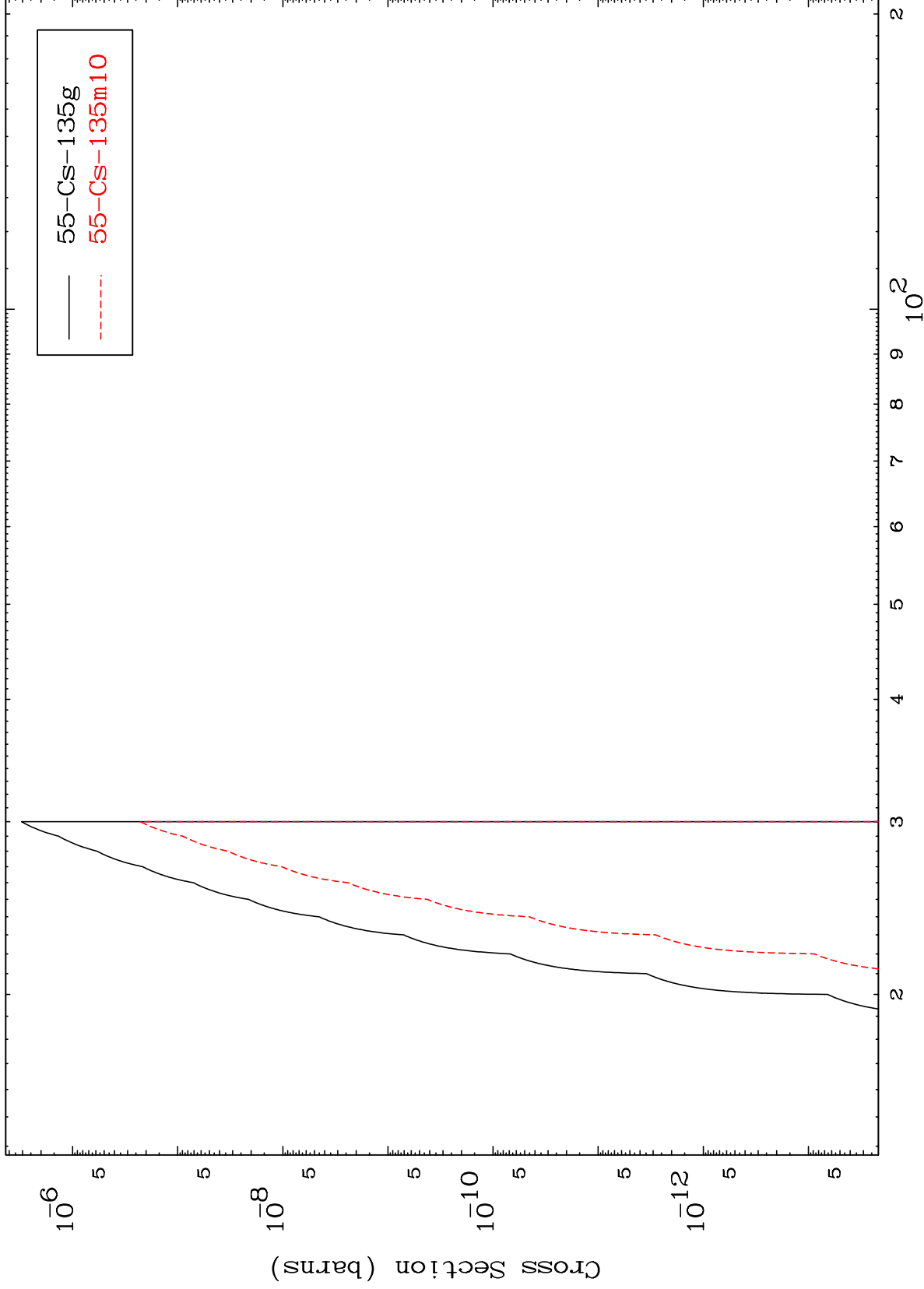
Incident Energy (MeV)

57-La-137

(n,2n) p
Radionuclide Production Cross Section



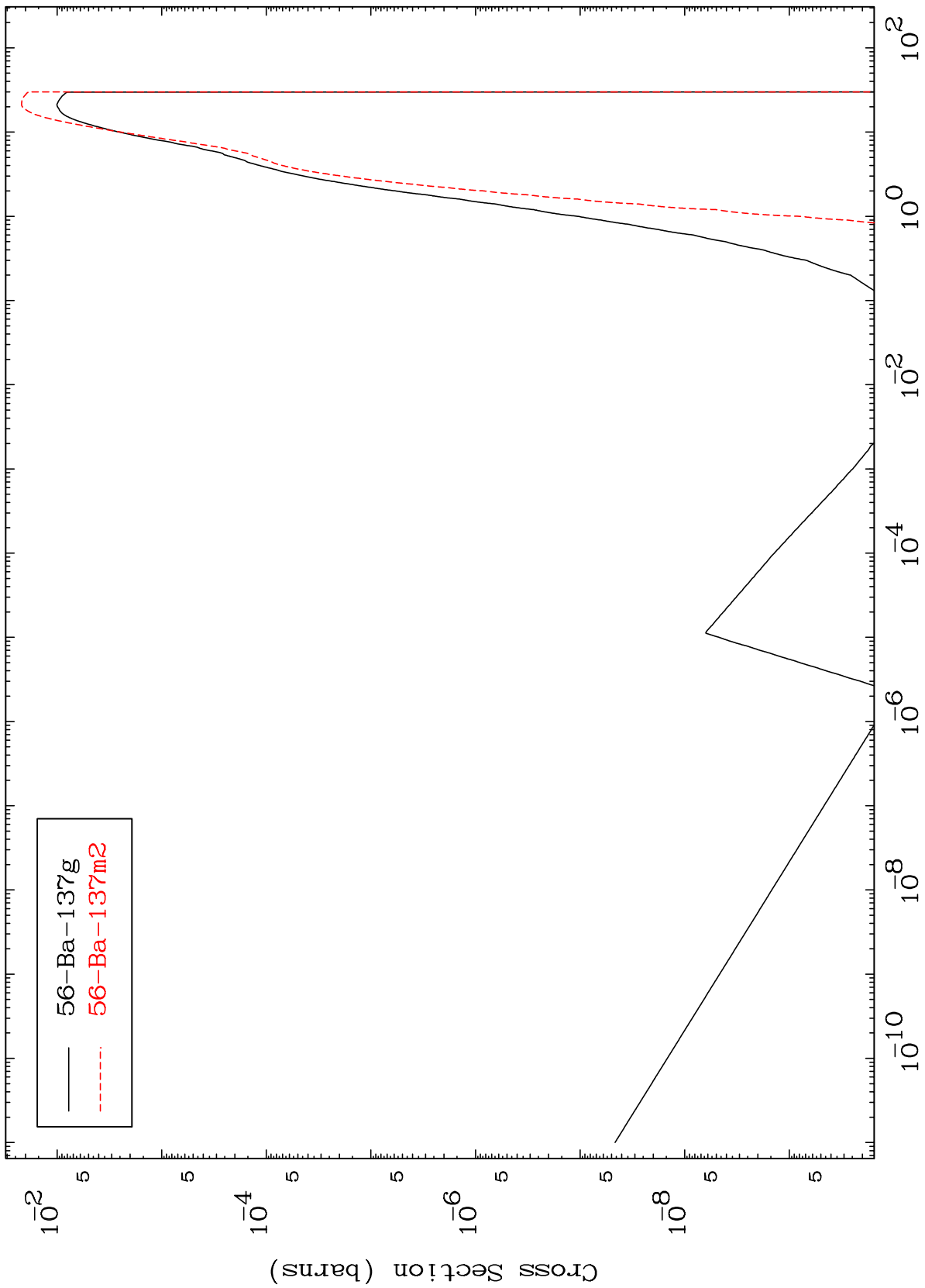
Radionuclide Production Cross Section



MAT 5722

57-La-137

(n,p)
Radionuclide Production Cross Section



56-Ba-137g
56-Ba-137m2

57-La-137

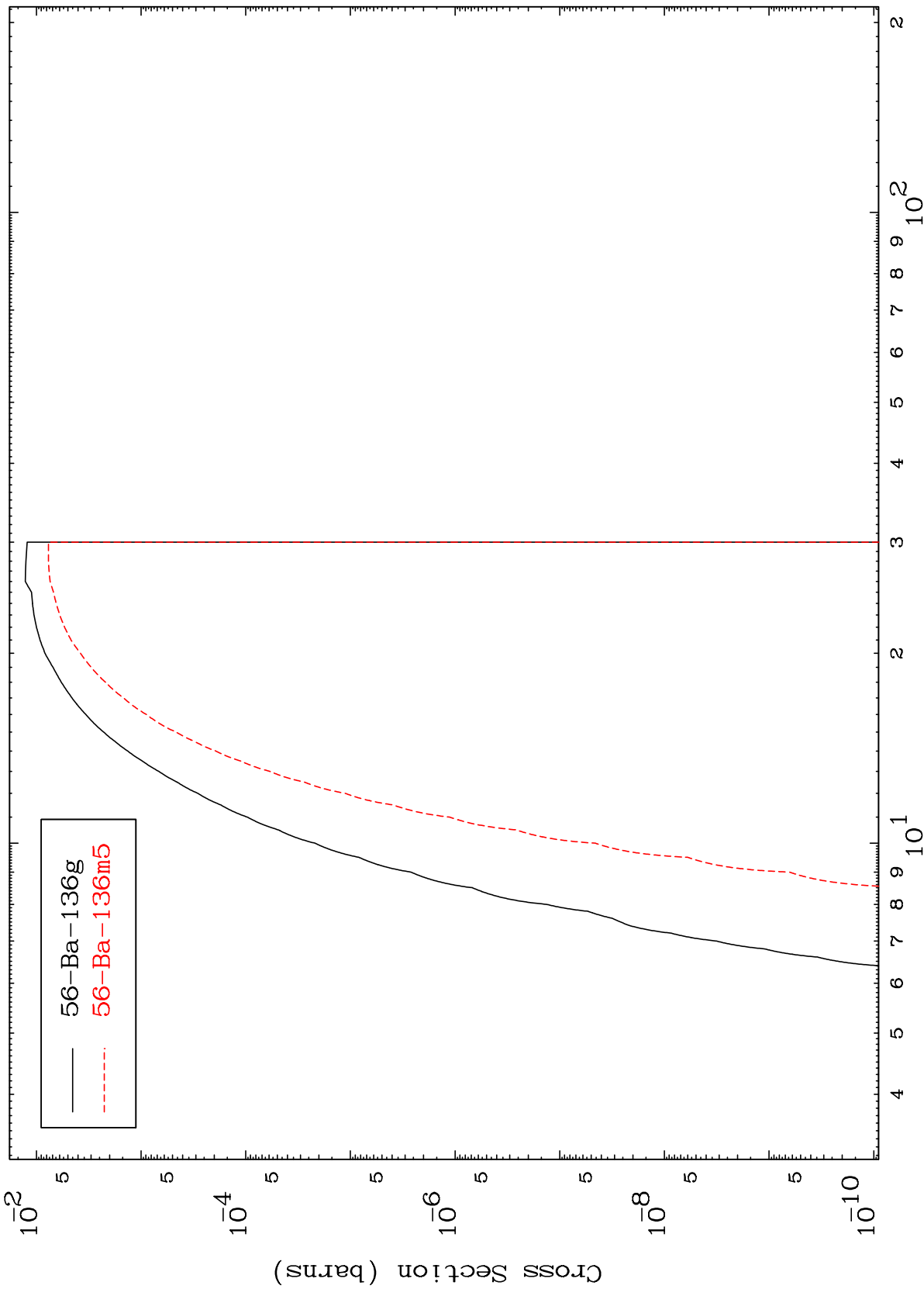
Incident Energy (MeV)

144

MAT 5722

57-La-137

(n,d)
Radionuclide Production Cross Section



57-La-137

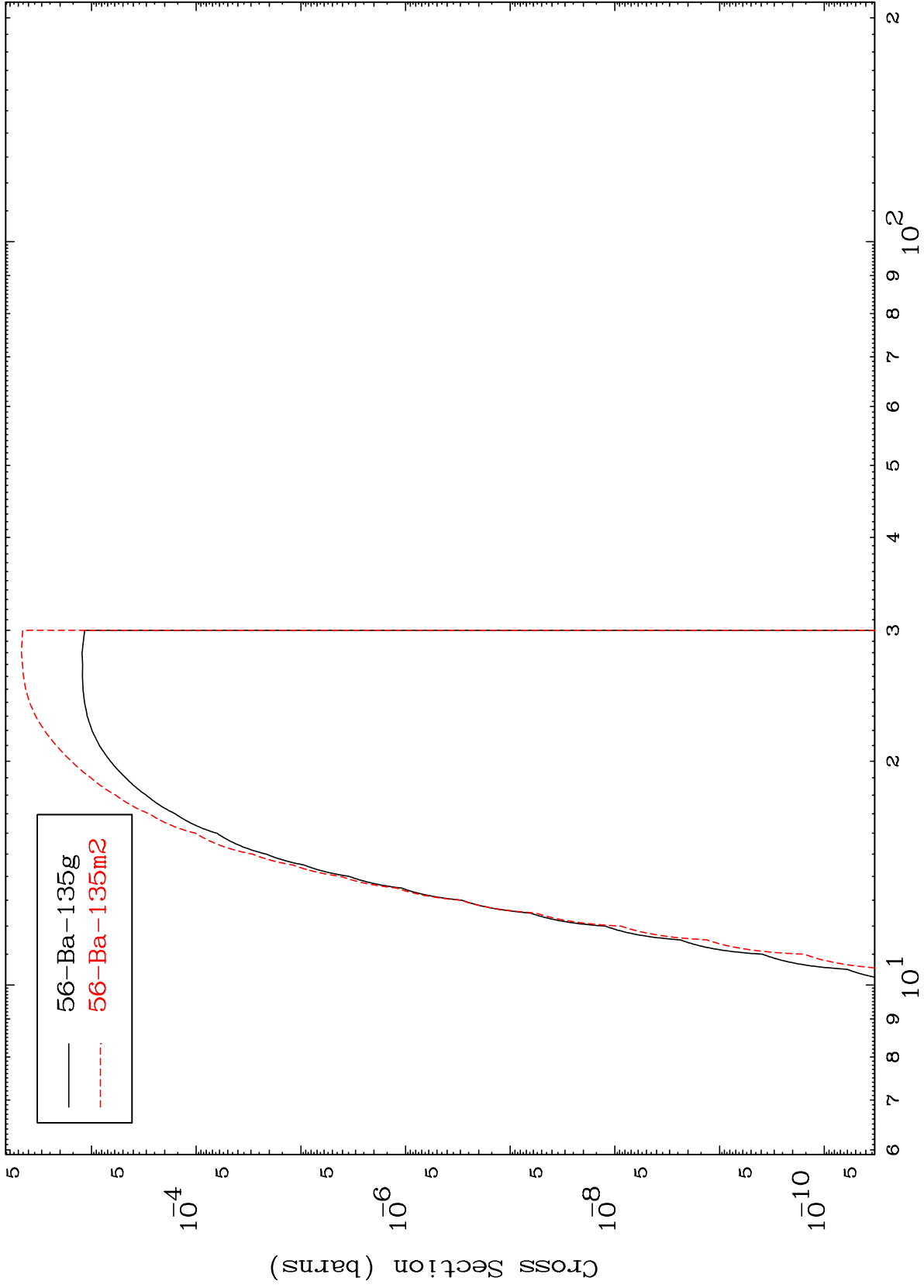
Incident Energy (MeV)

145

MAT 5722

57-La-137

(n, t)
Radionuclide Production Cross Section



146

Incident Energy (MeV)

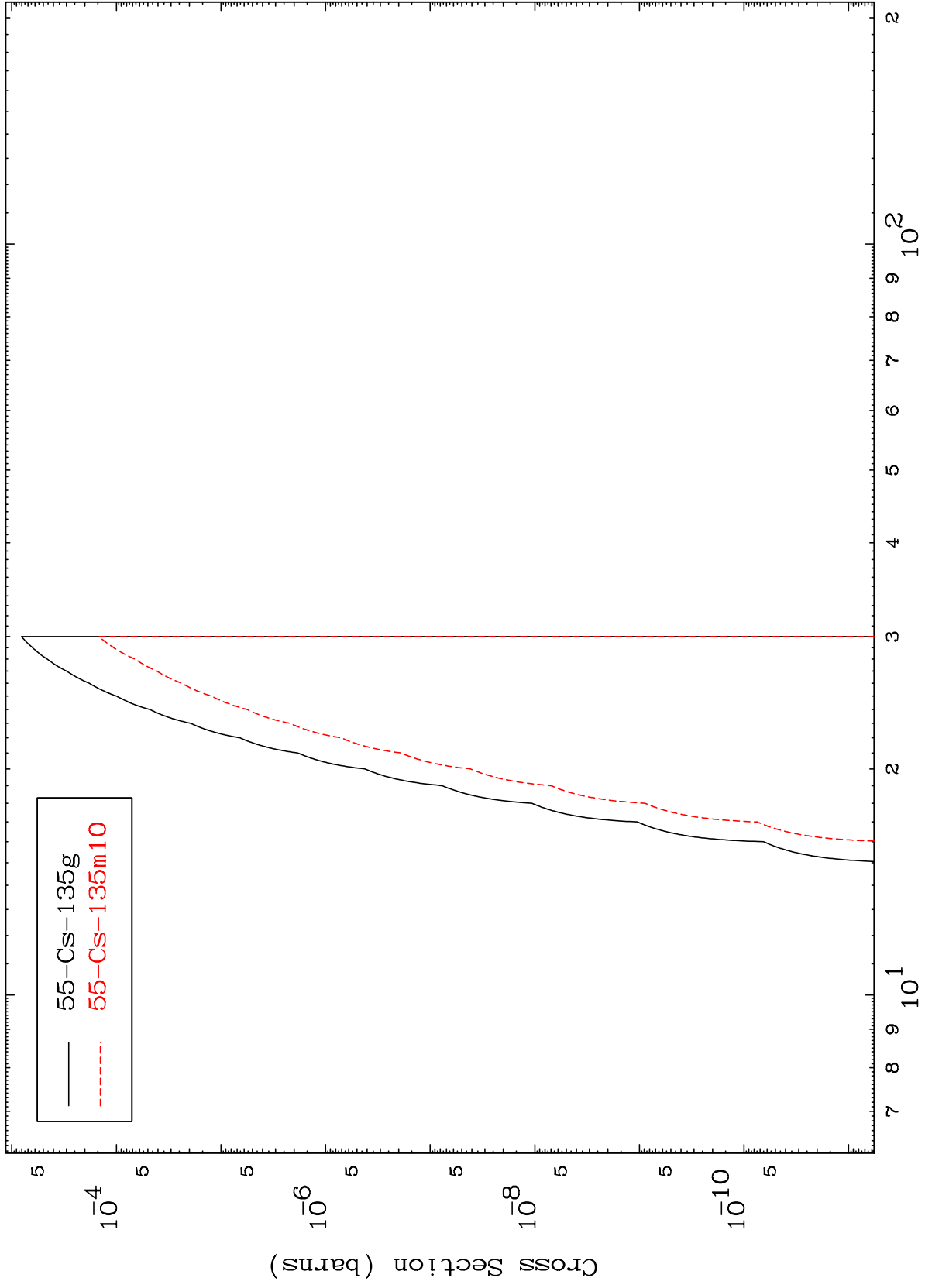
57-La-137

MAT 5722

(n,He-3)

57-La-137

Radionuclide Production Cross Section



55-Cs-135g
55-Cs-135m10

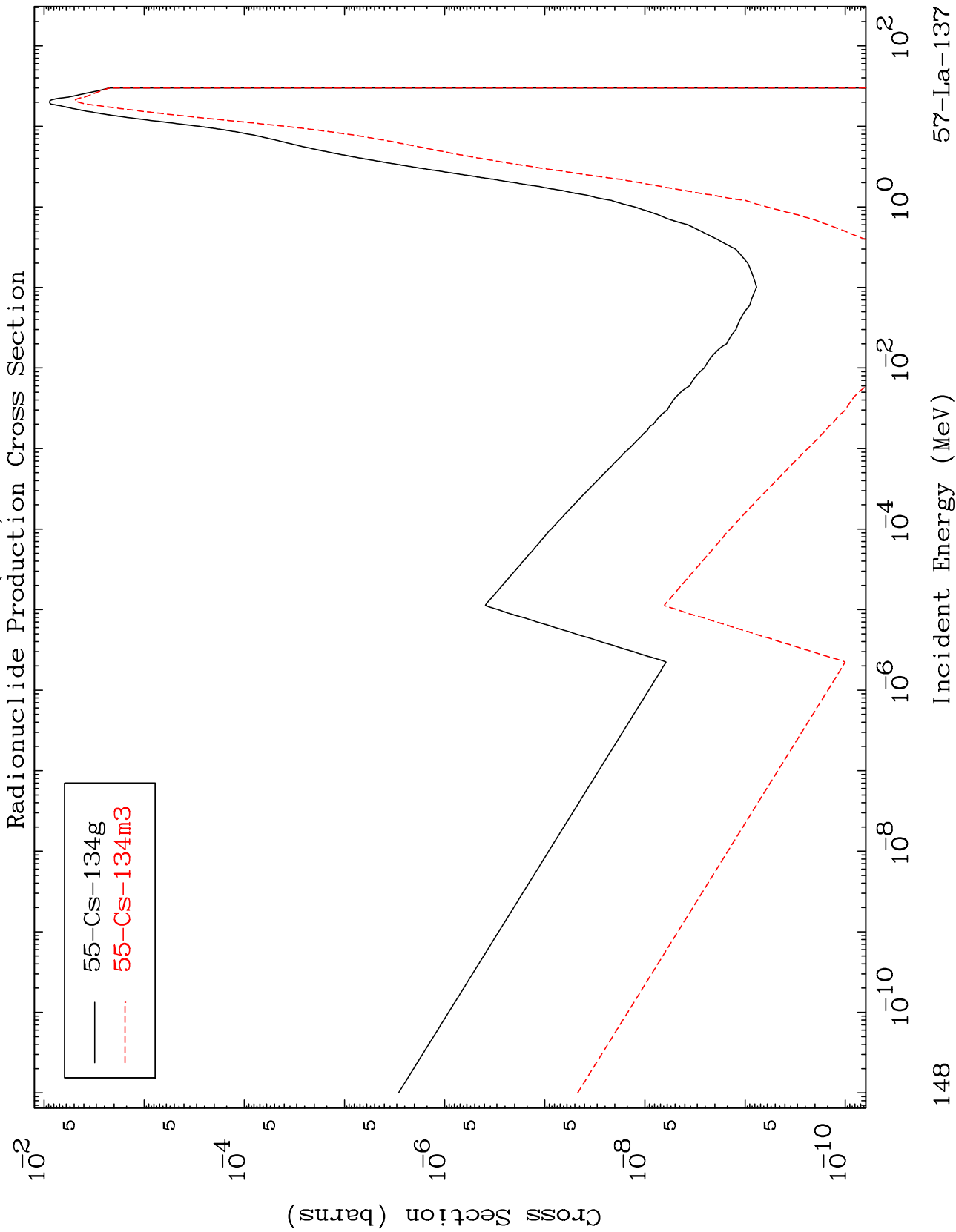
147

Incident Energy (MeV)

57-La-137

MAT 5722

57-La-137

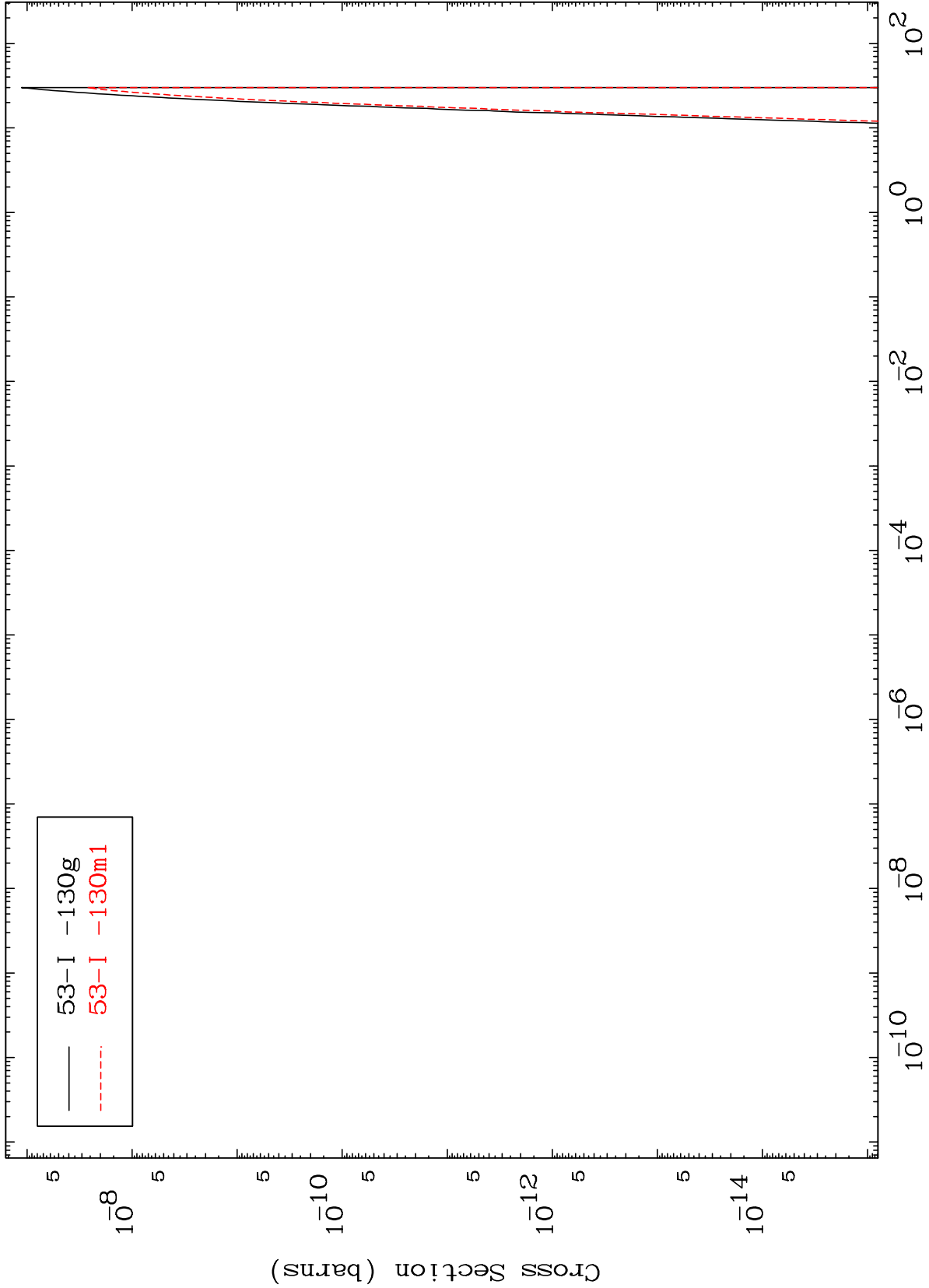


MAT 5722

(n,2α)

57-La-137

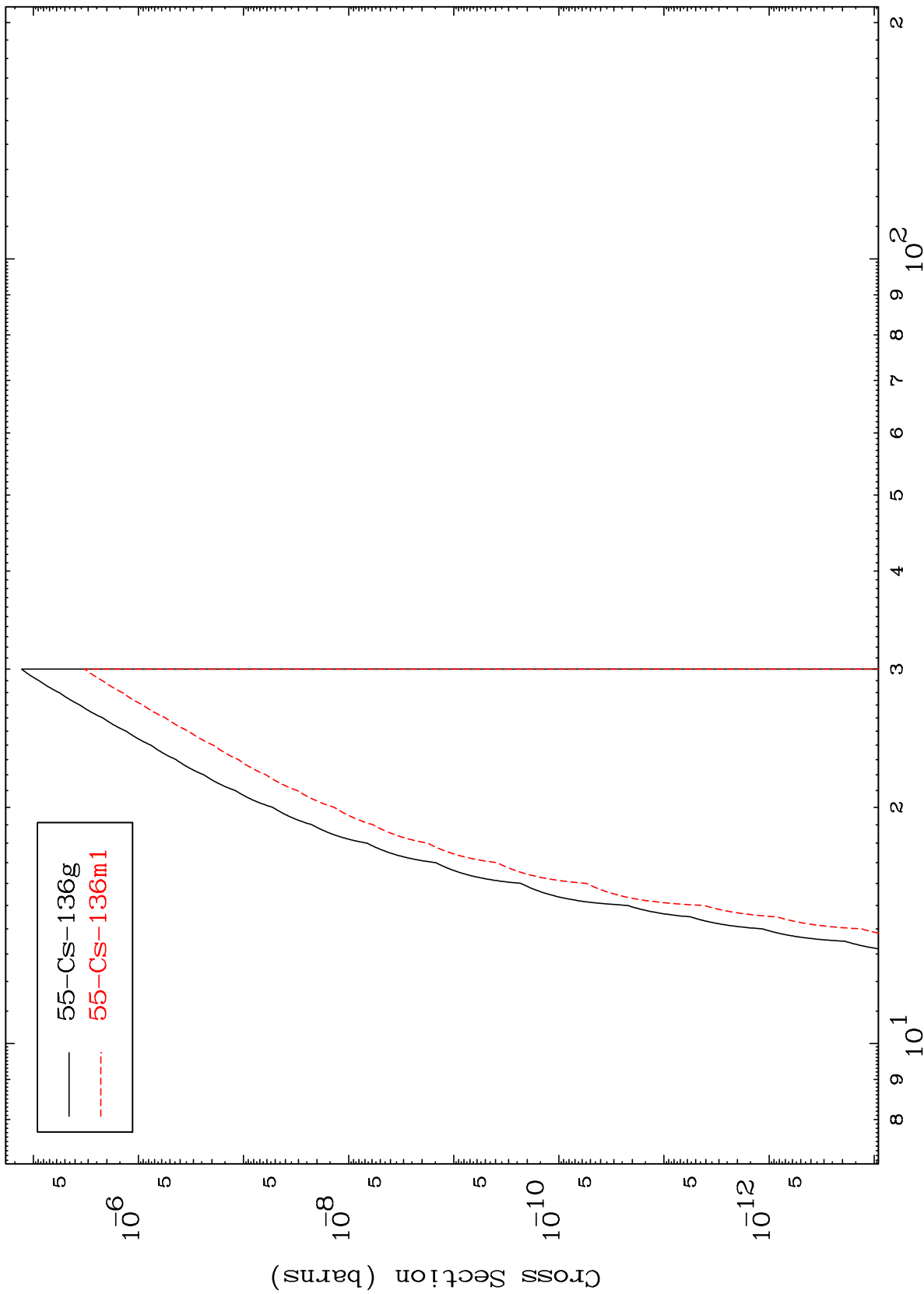
Radionuclide Production Cross Section



MAT 5722

57-La-137

Radionuclide Production Cross Section
(n,2p)



55-Cs-136g
55-Cs-136m1

57-La-137

Incident Energy (MeV)

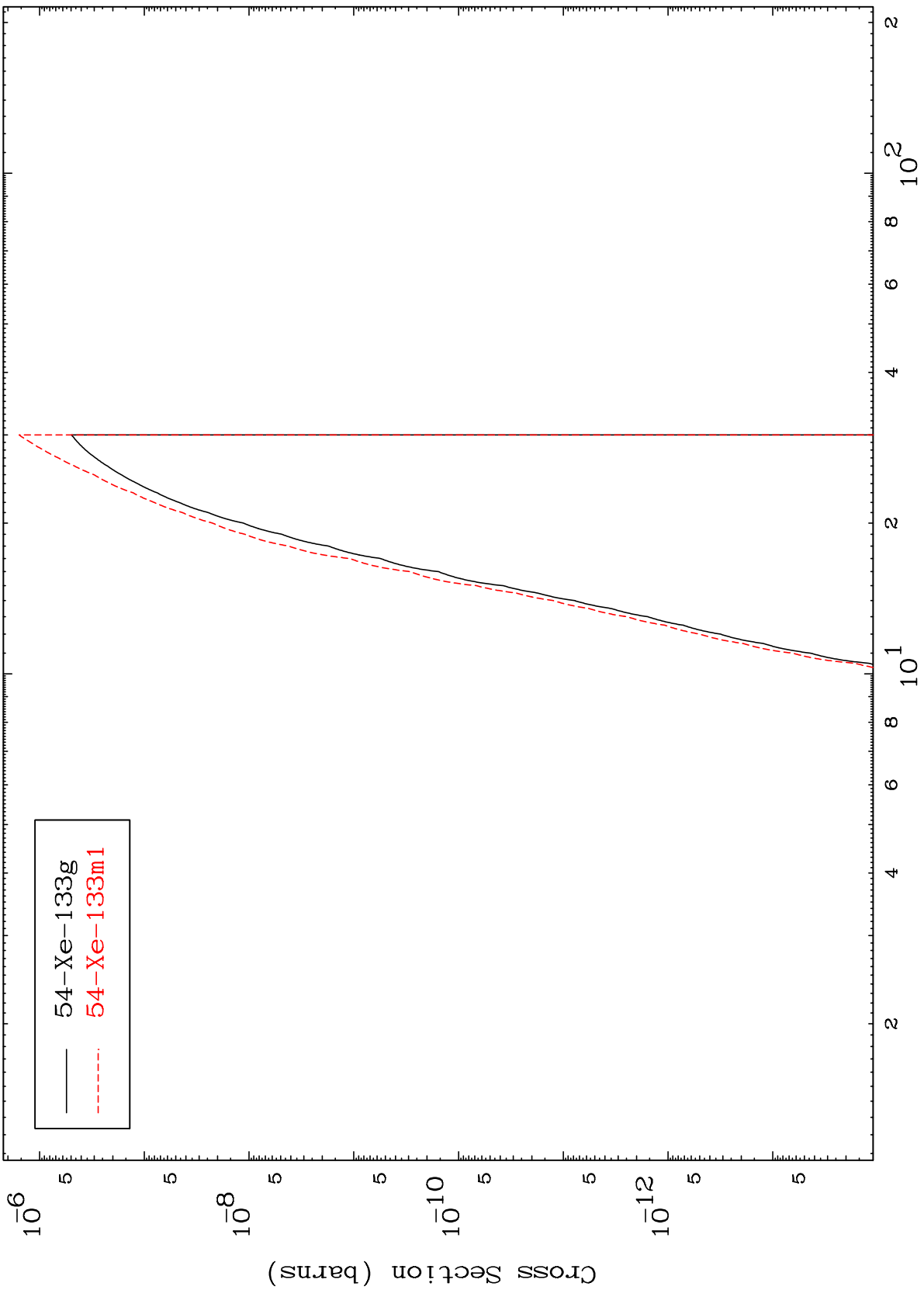
150

MAT 5722

(n,p) α

57-La-137

Radionuclide Production Cross Section



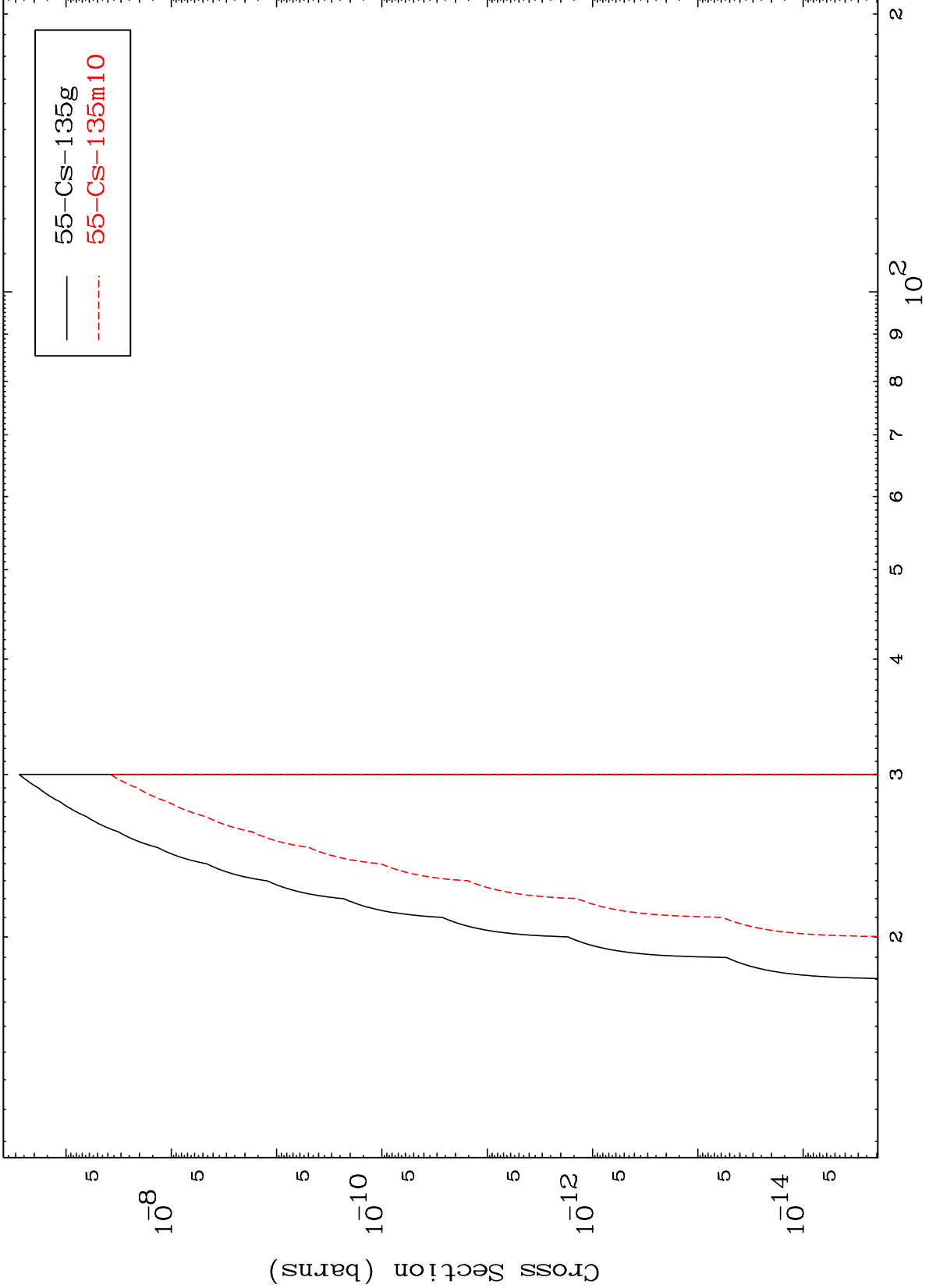
— 54-Xe-133g
- - - 54-Xe-133m1

151

Incident Energy (MeV)

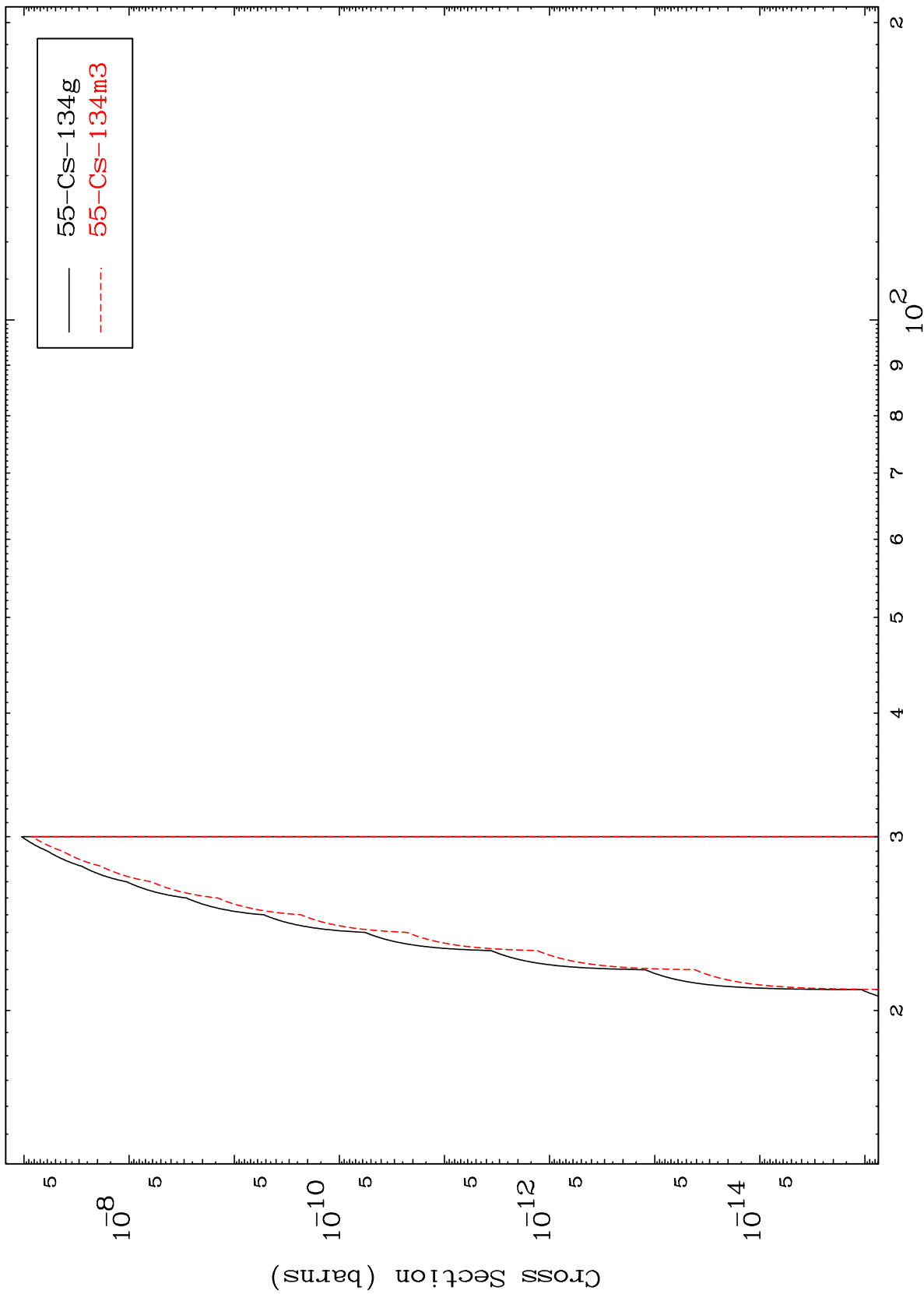
57-La-137

Radionuclide Production Cross Section



55-Cs-135g
55-Cs-135m10

Radionuclide Production Cross Section



55-Cs-134g
55-Cs-134m3