

Program EVALPLOT
(Version 2015-2)

by

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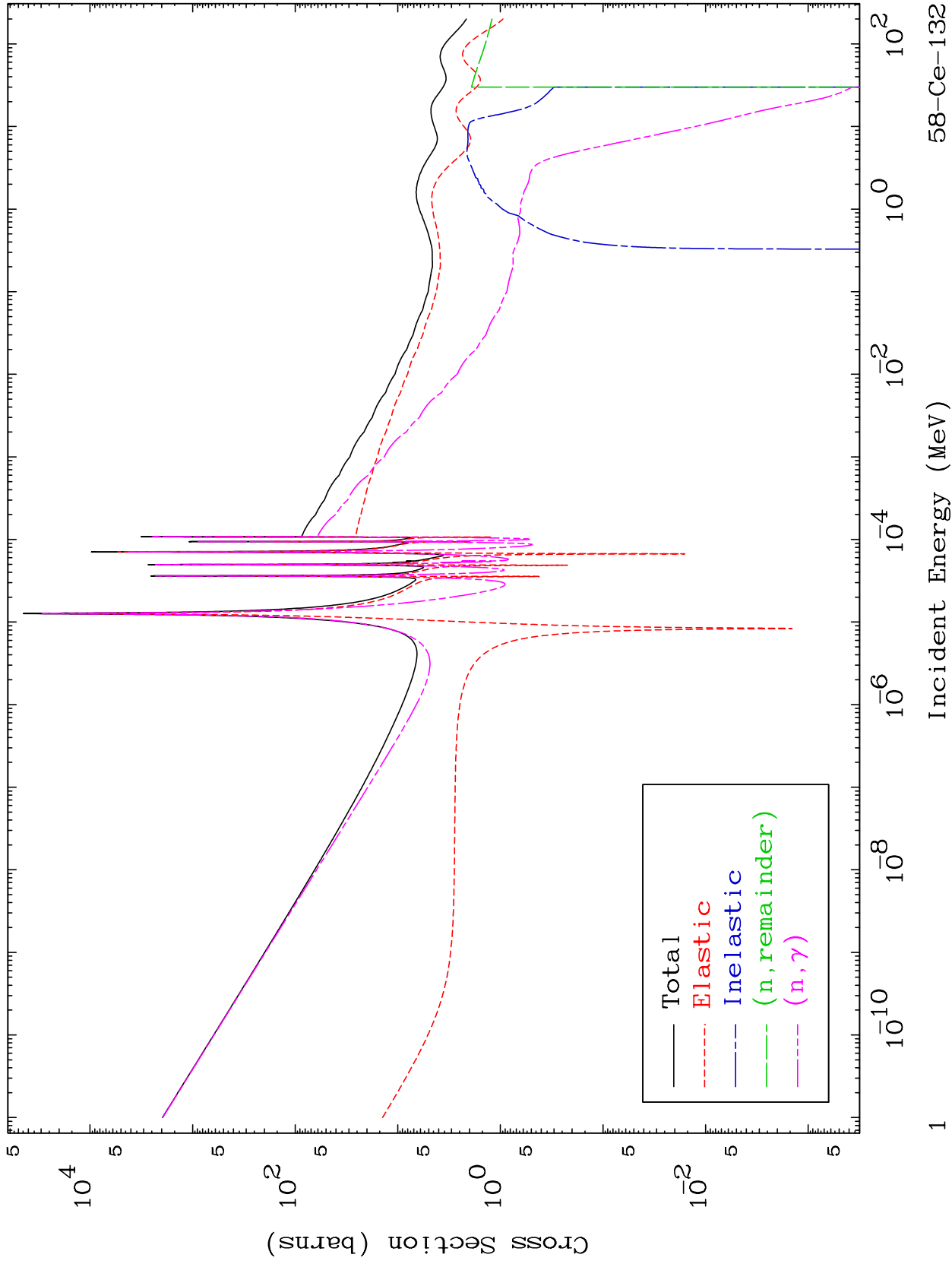
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5813

Major
293 Kelvin Cross Sections

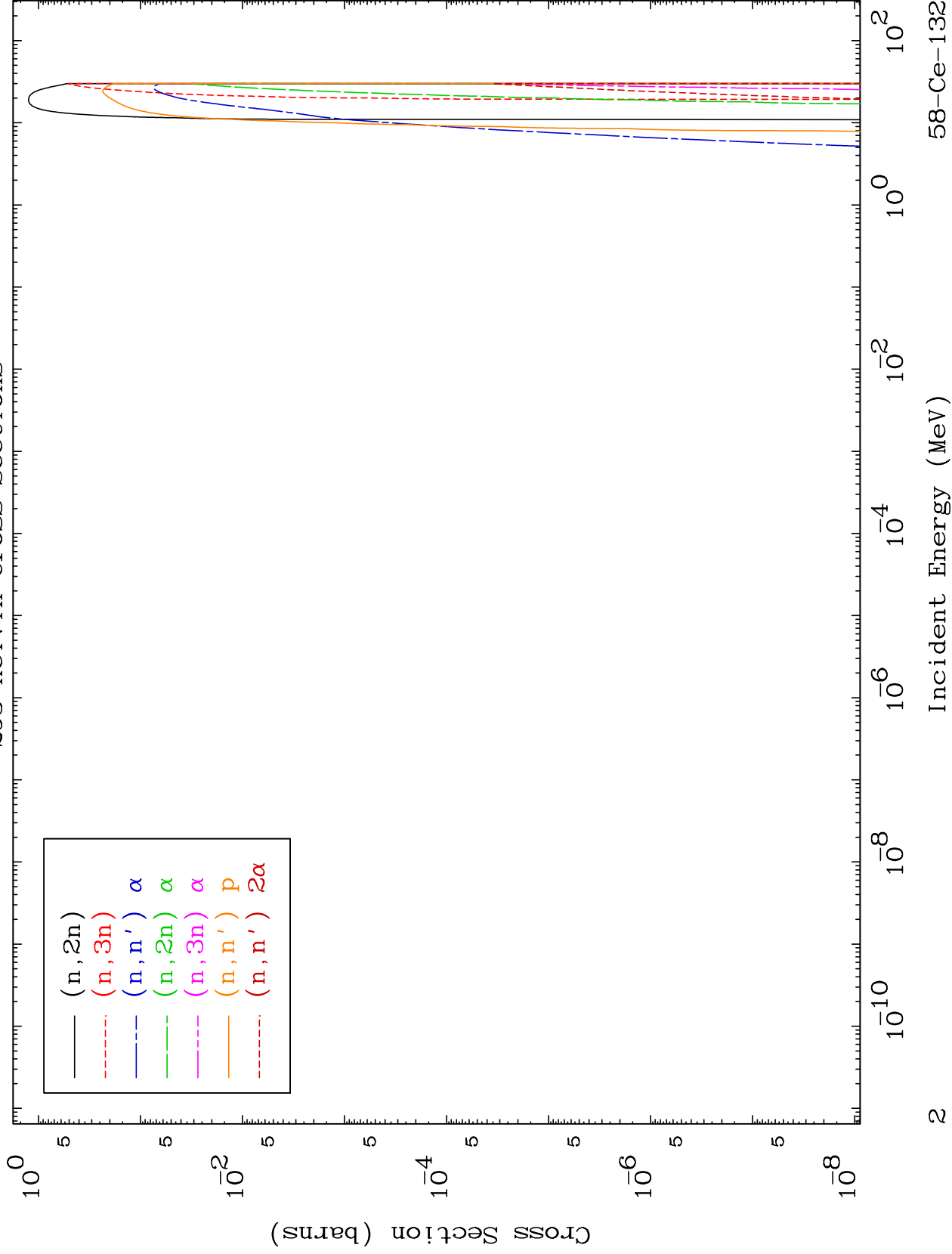
58-Ce-132



MAT 5813

Neutron Production
293 Kelvin Cross Sections

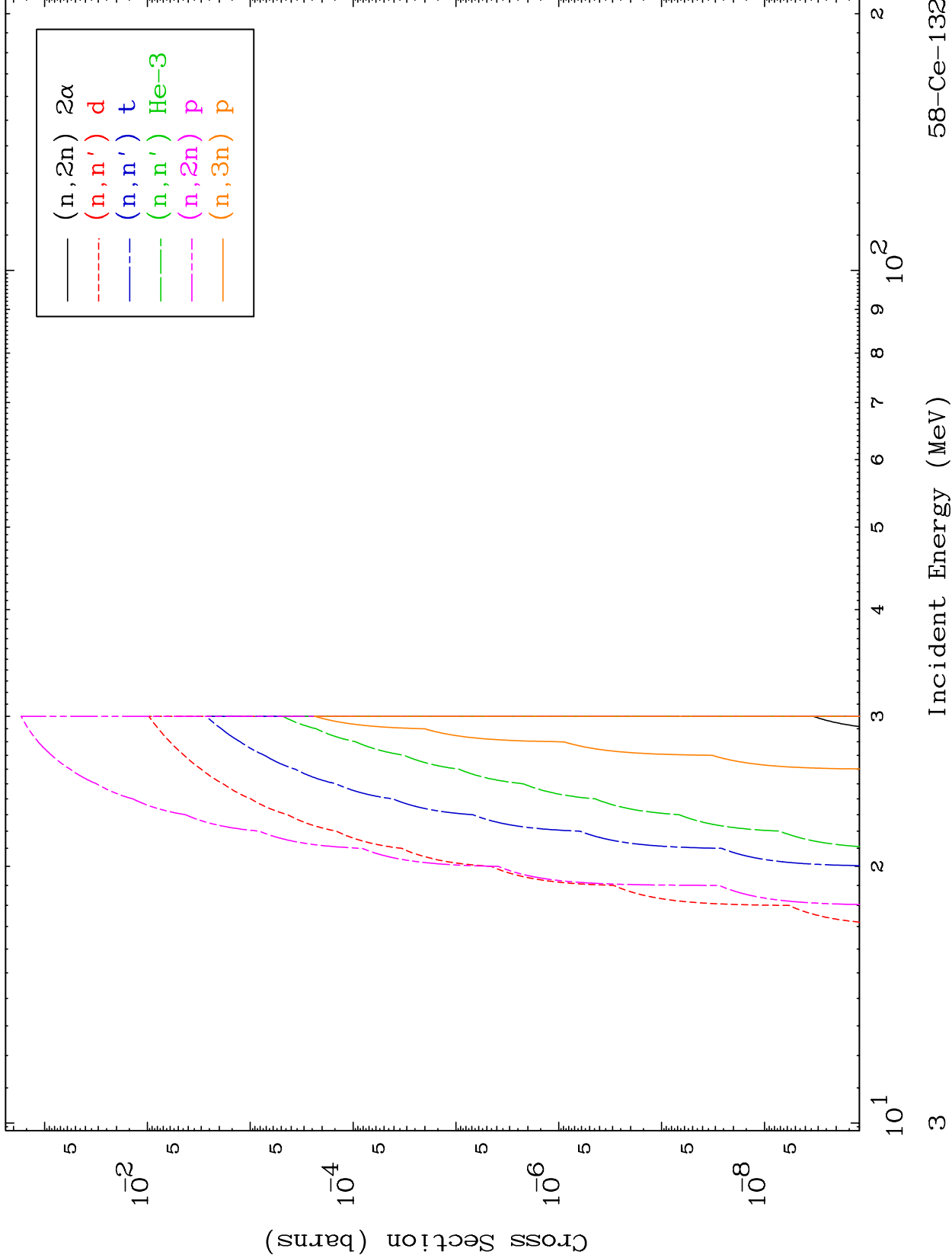
58-Ce-132



MAT 5813

Neutron Production
293 Kelvin Cross Sections

58-Ce-132

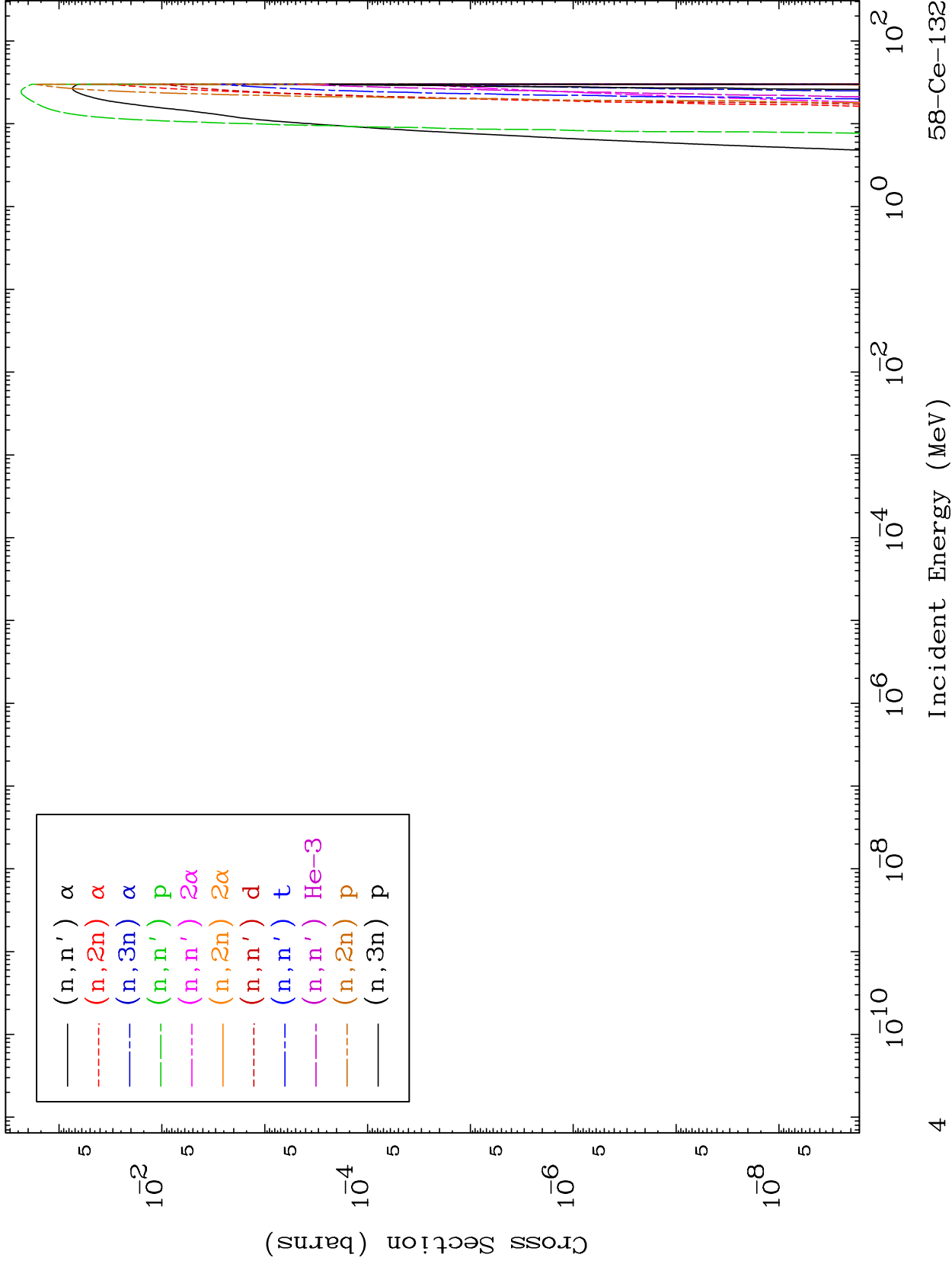


58-Ce-132

MAT 5813

Charged Particle
293 Kelvin Cross Sections

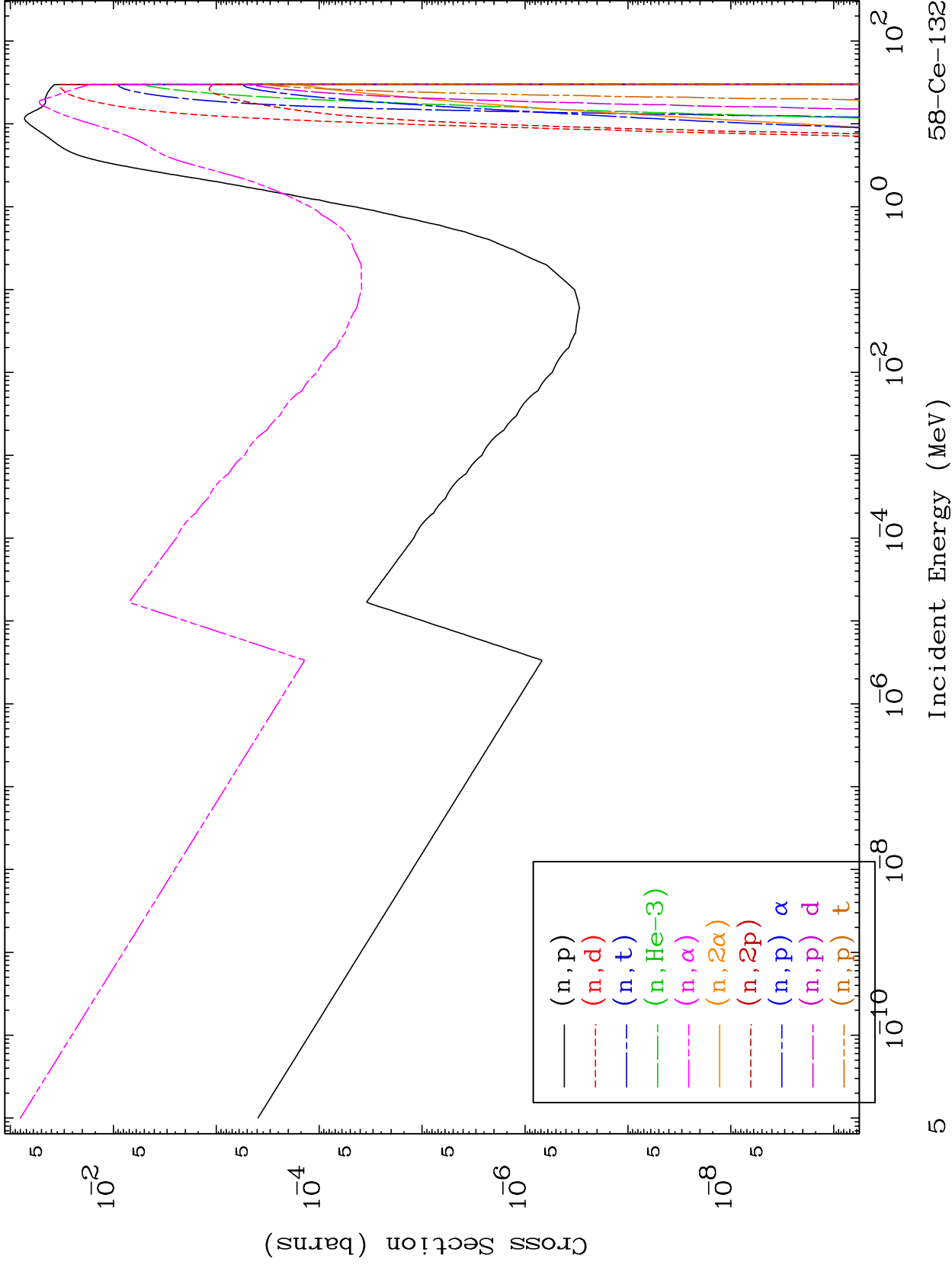
58-Ce-132



MAT 5813

Charged Particle
293 Kelvin Cross Sections

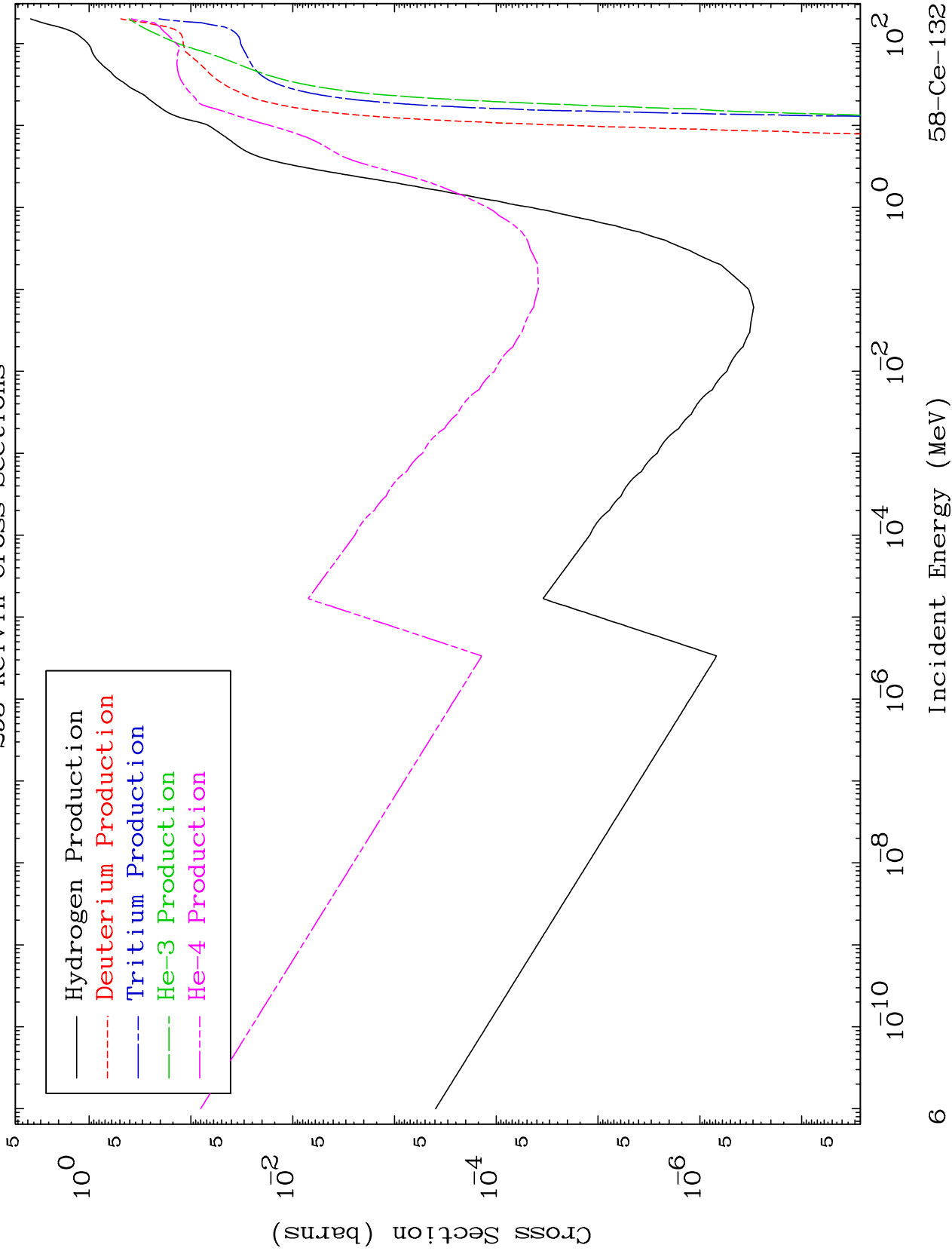
58-Ce-132



MAT 5813

Particle Production
293 Kelvin Cross Sections

58-Ce-132

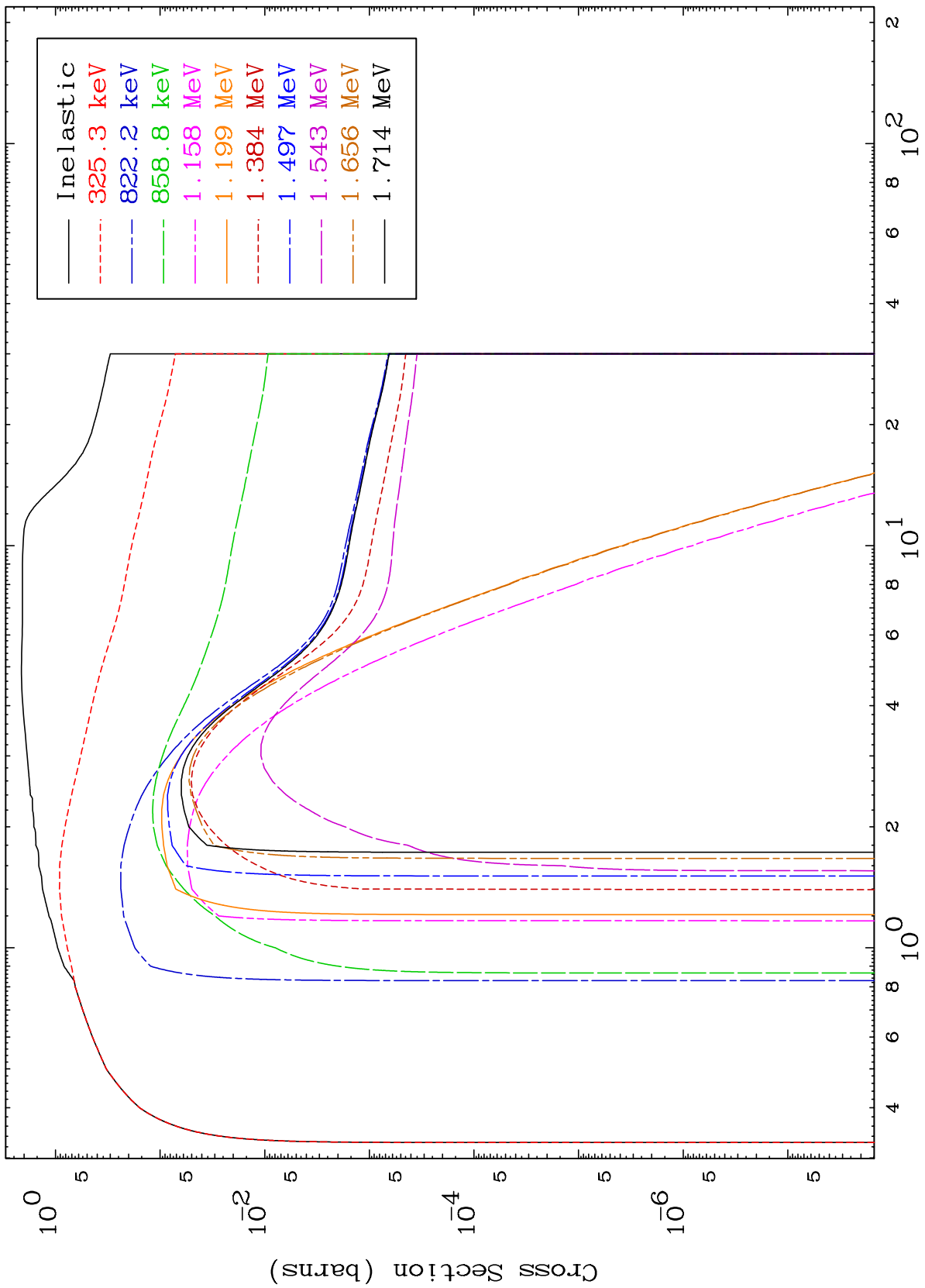


MAT 5813

(n,n') Level

58-Ce-132

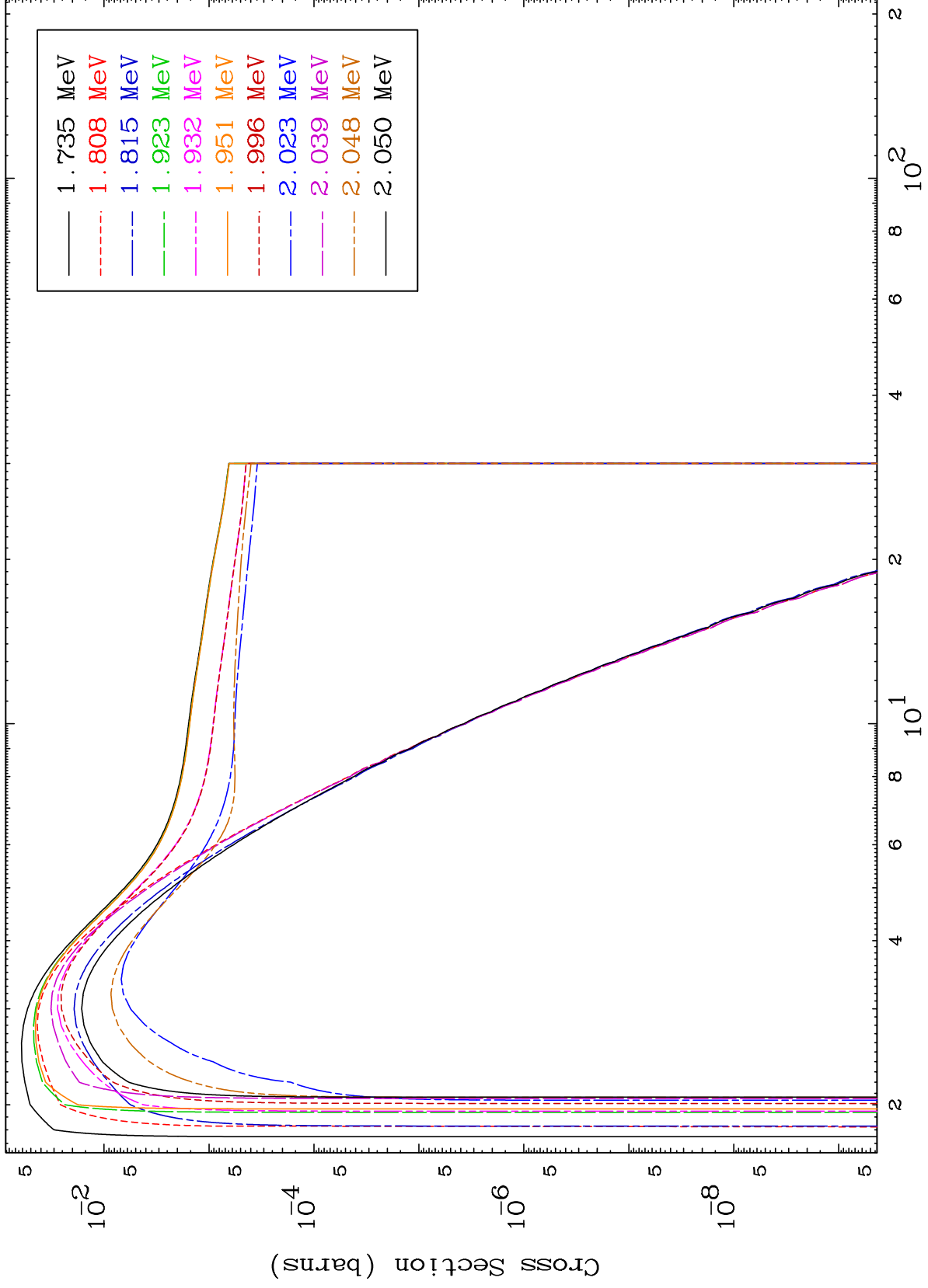
293 Kelvin Cross Sections



MAT 5813

(n,n') Level
293 Kelvin Cross Sections

58-Ce-132



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Incident Energy (MeV)

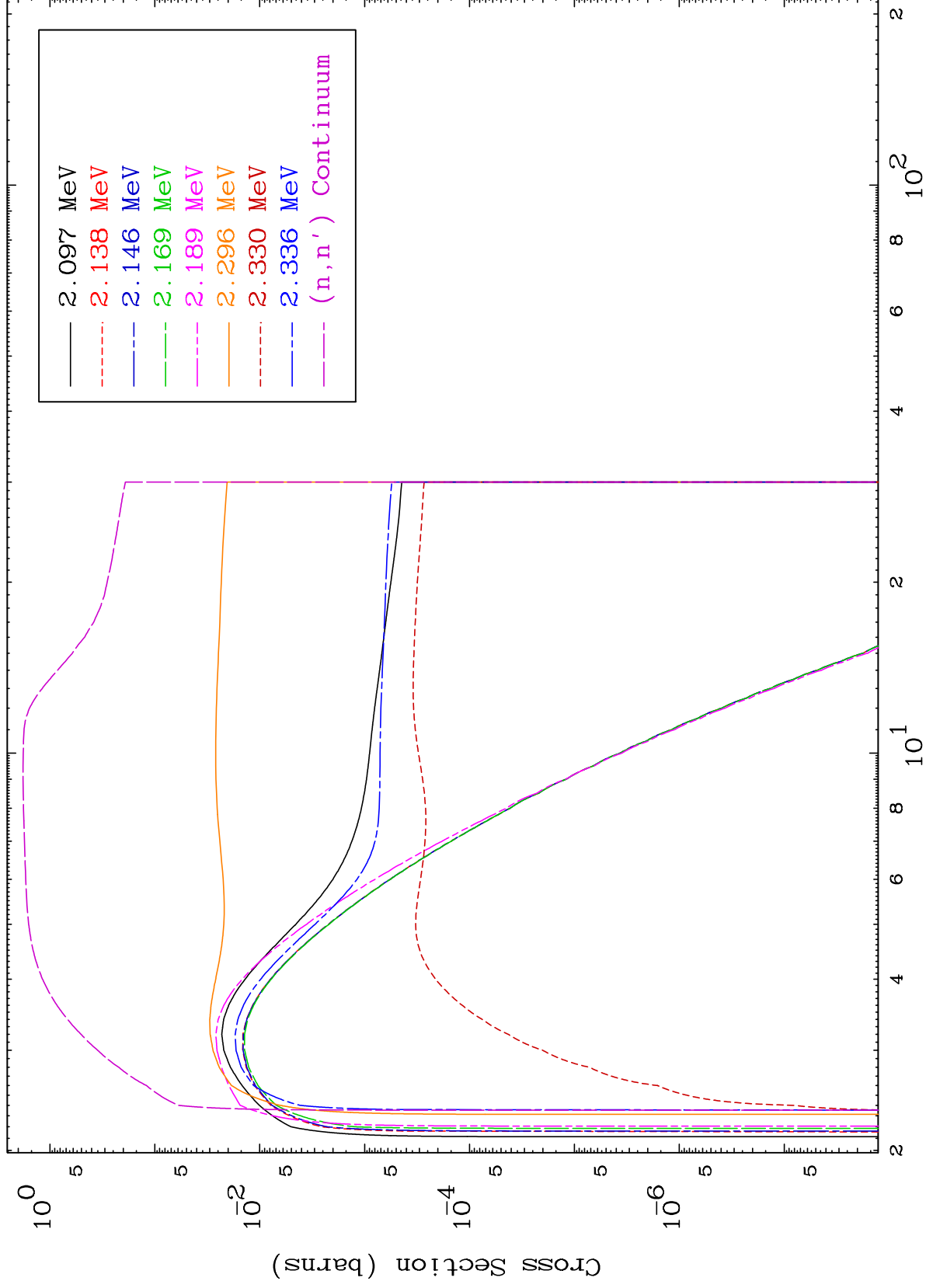
58-Ce-132

MAT 5813

(n,n') Level

58-Ce-132

293 Kelvin Cross Sections



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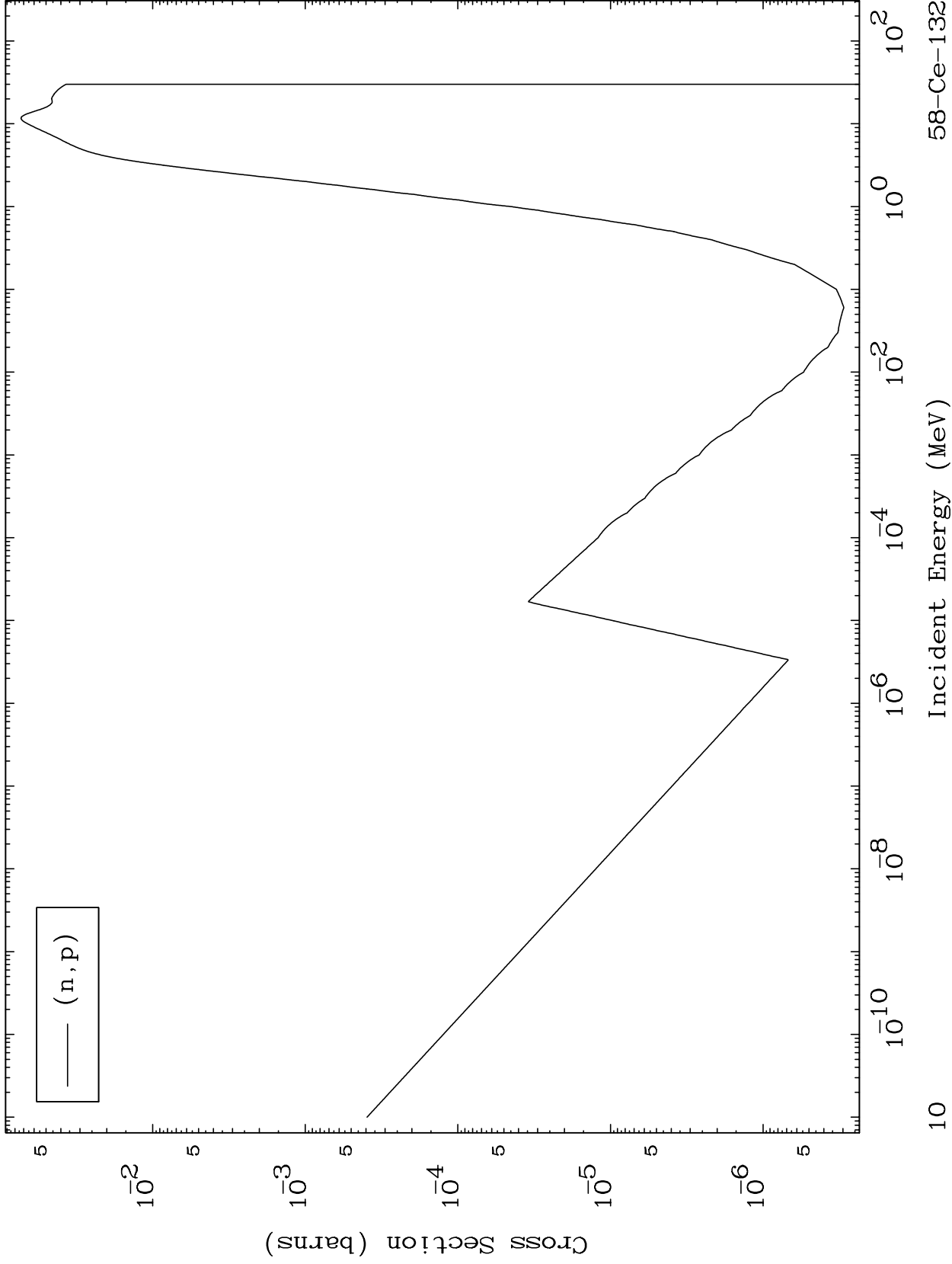
Incident Energy (MeV)

58-Ce-132

MAT 5813

(n,p) Levels
293 Kelvin Cross Sections

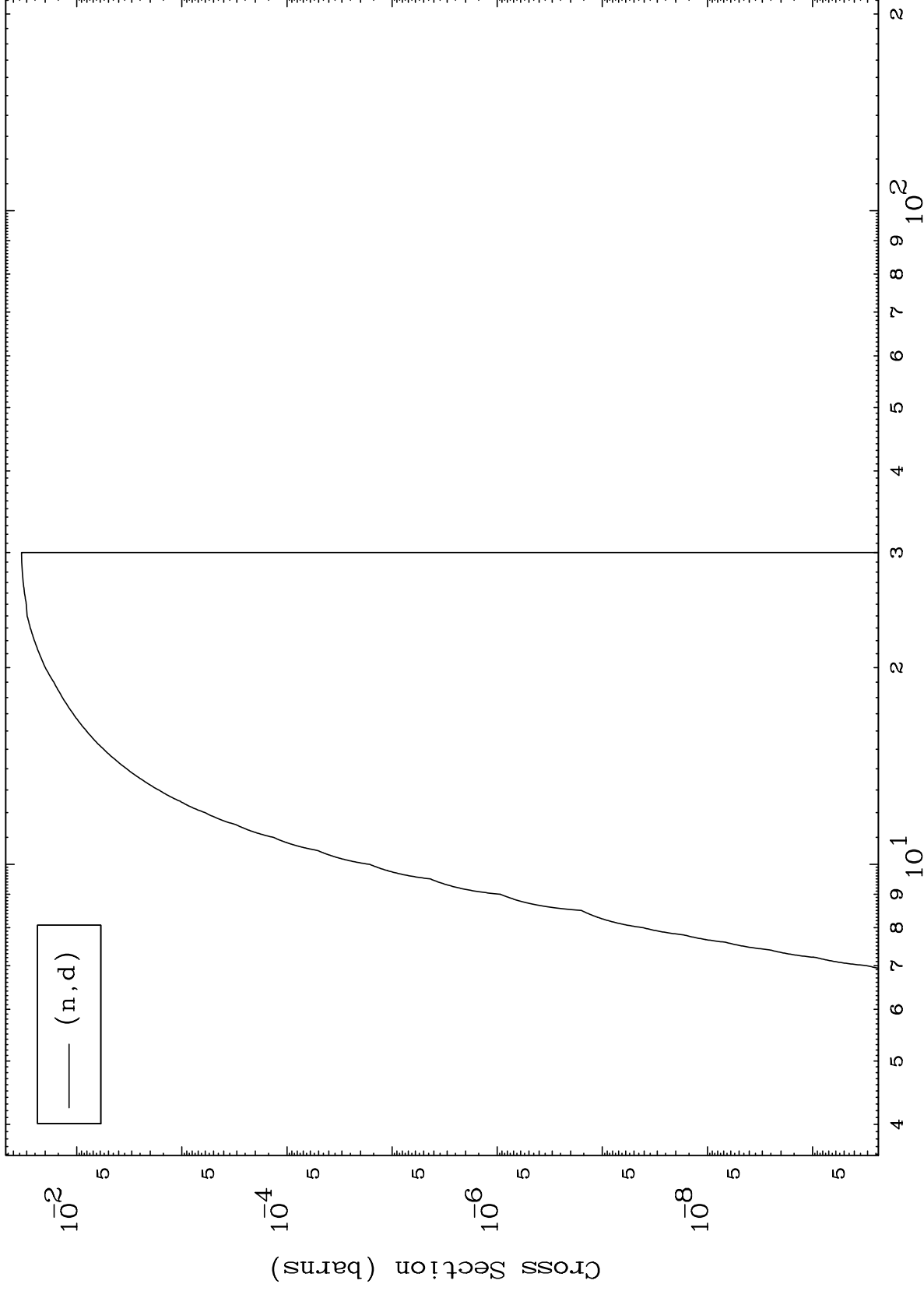
58-Ce-132



MAT 5813

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-132



11

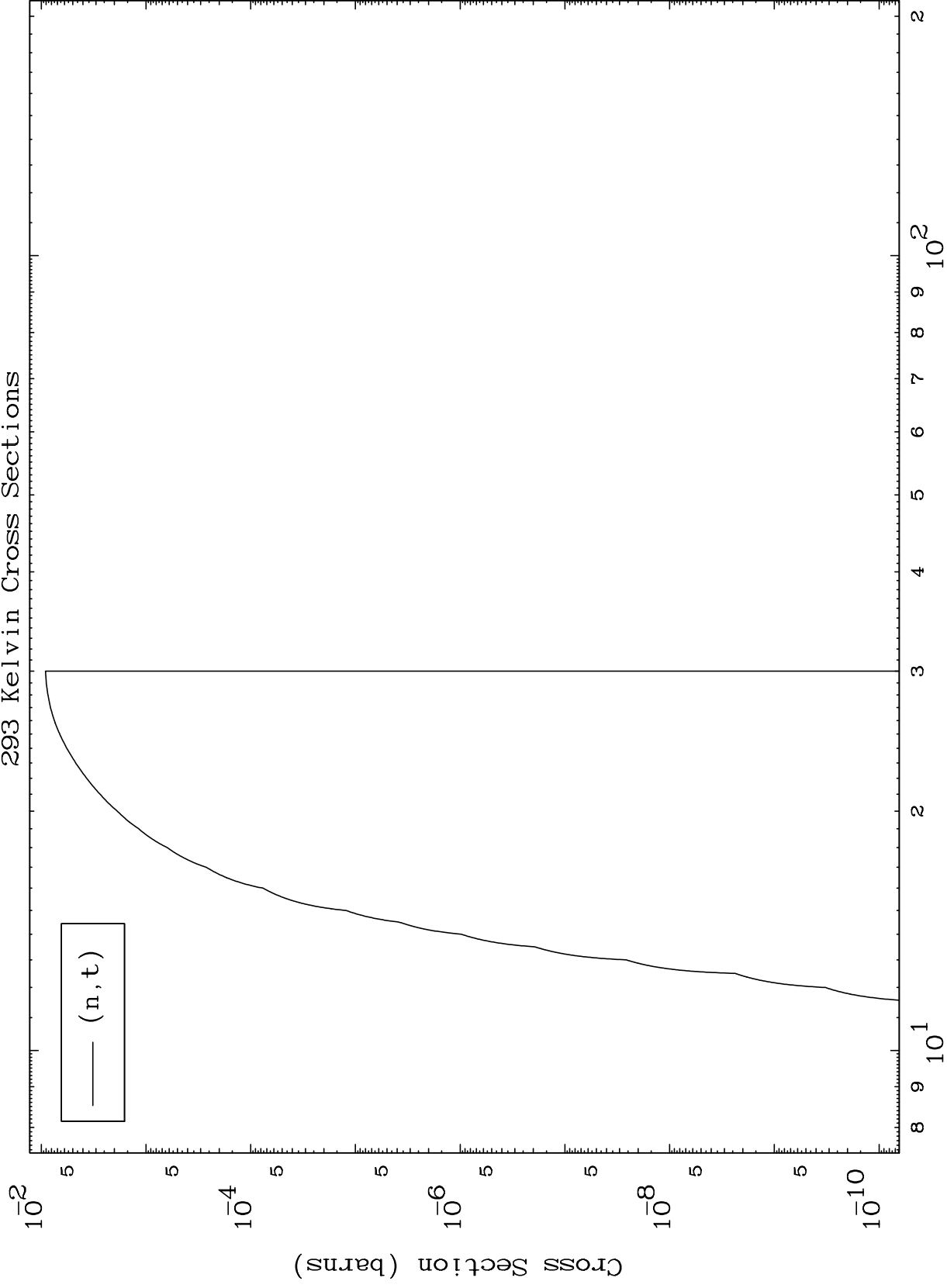
Incident Energy (MeV)

58-Ce-132

MAT 5813

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-132



12

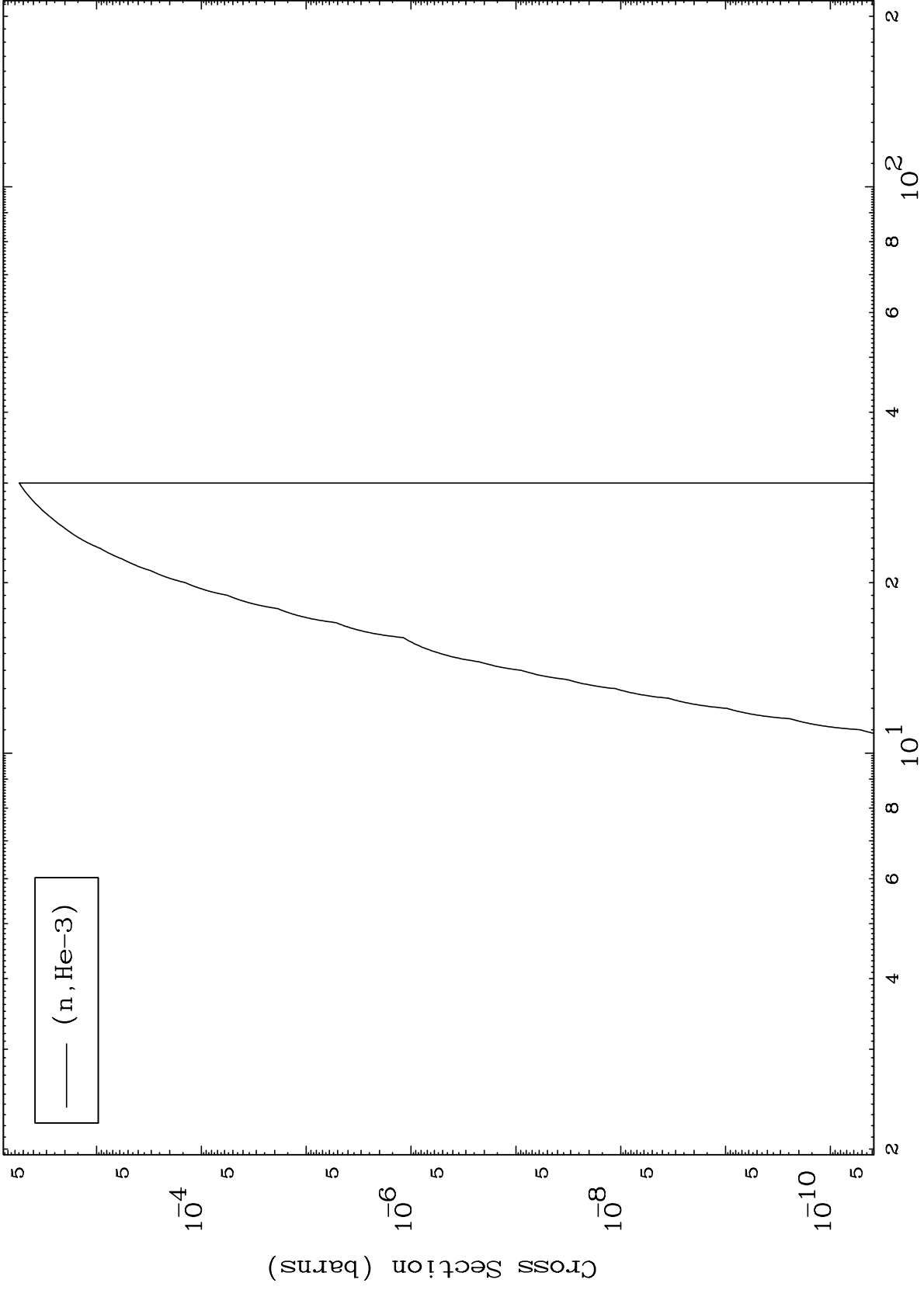
Incident Energy (MeV)

58-Ce-132

MAT 5813

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-132



13

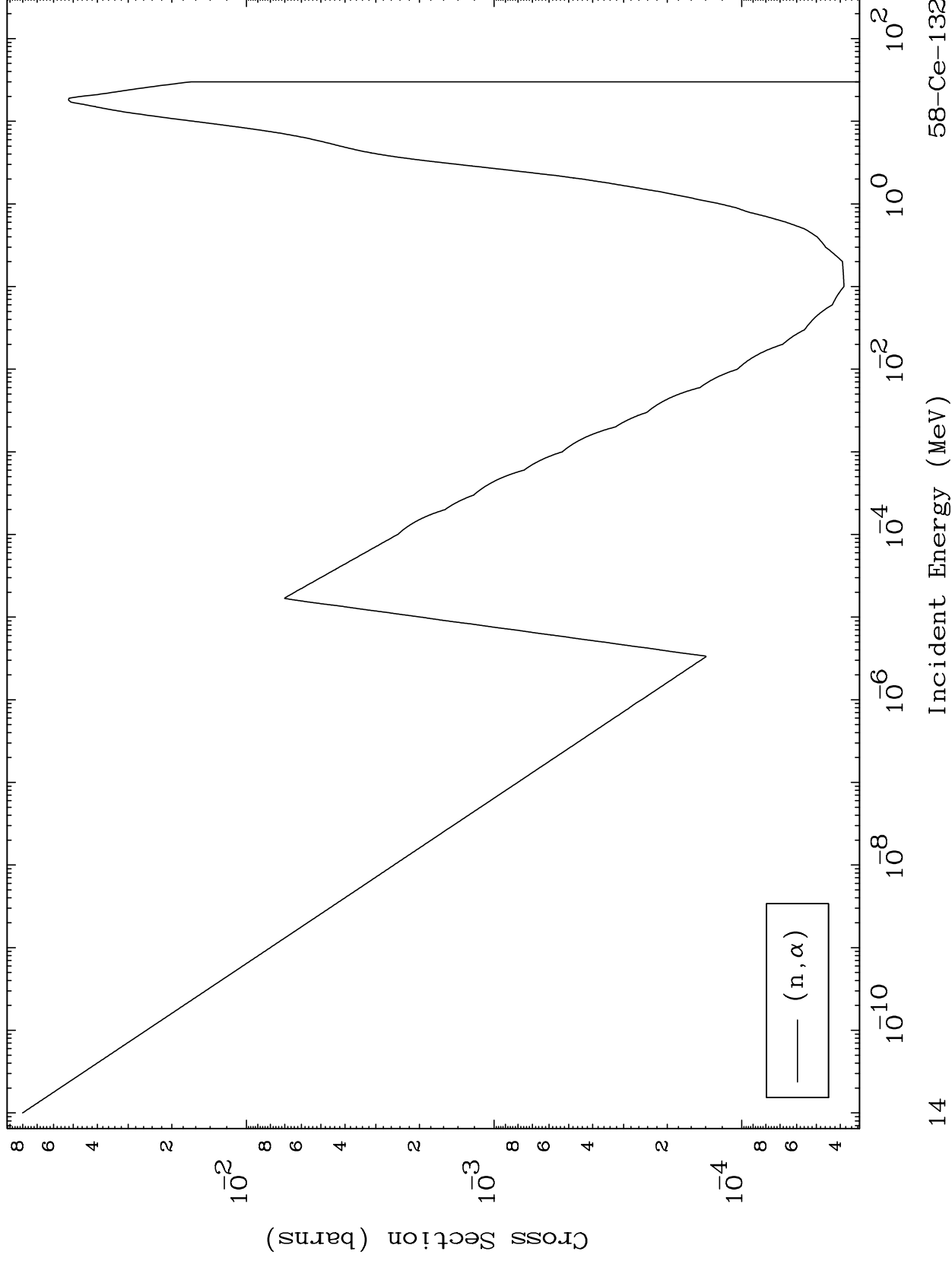
Incident Energy (MeV)

58-Ce-132

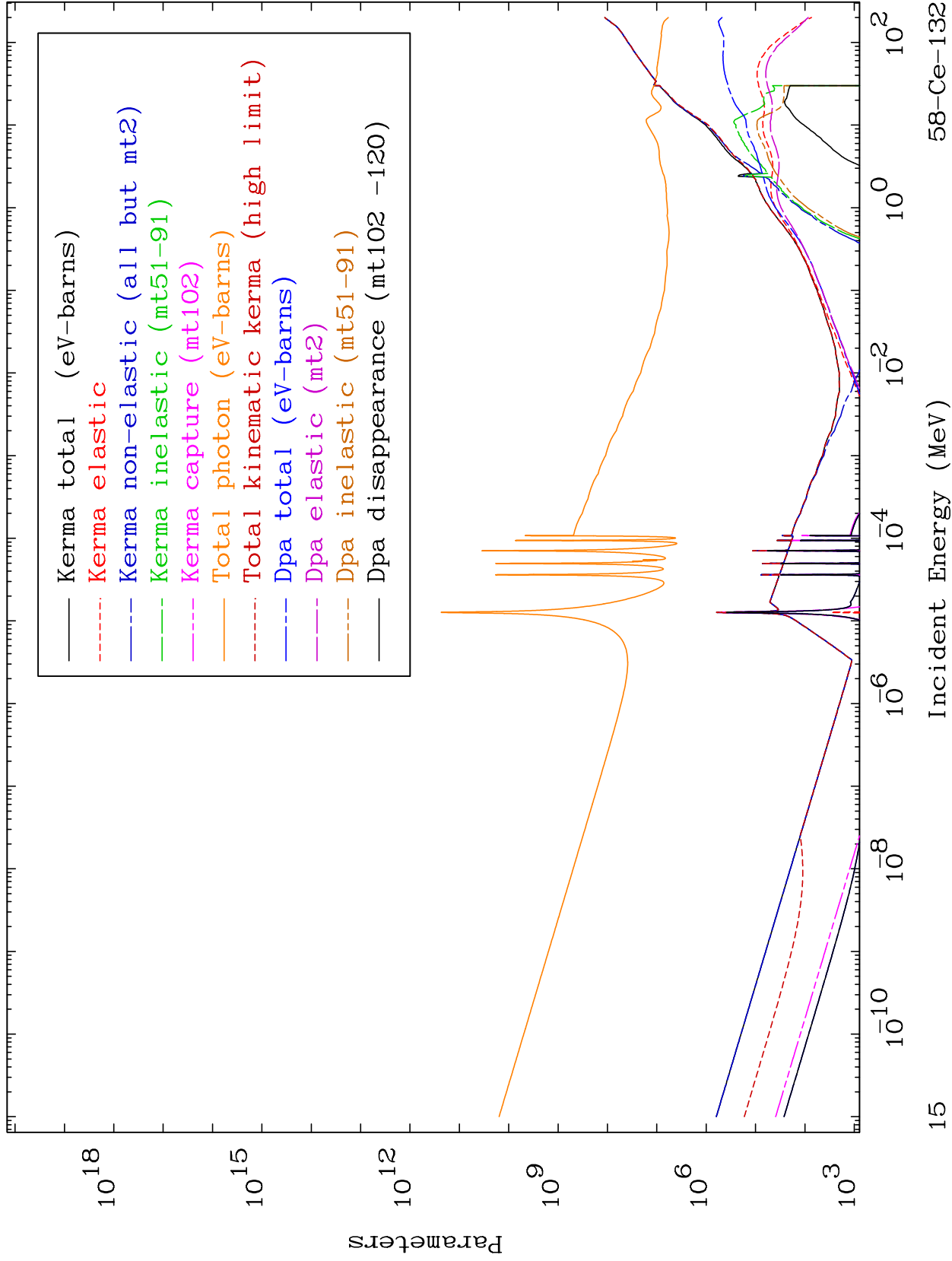
MAT 5813

(n, α) Levels
293 Kelvin Cross Sections

58-Ce-132



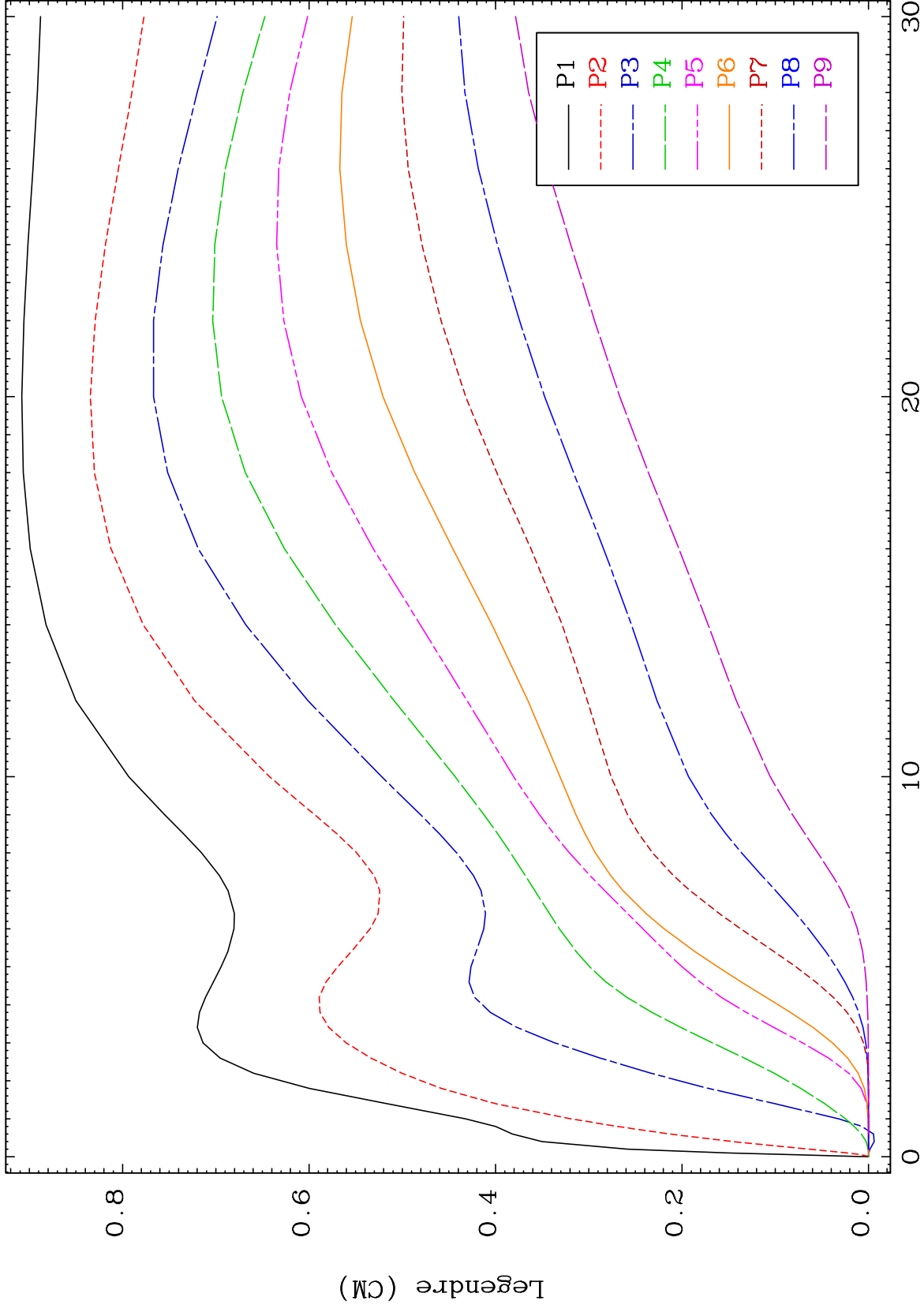
14



MAT 5813

Elastic Legendre Coefficients

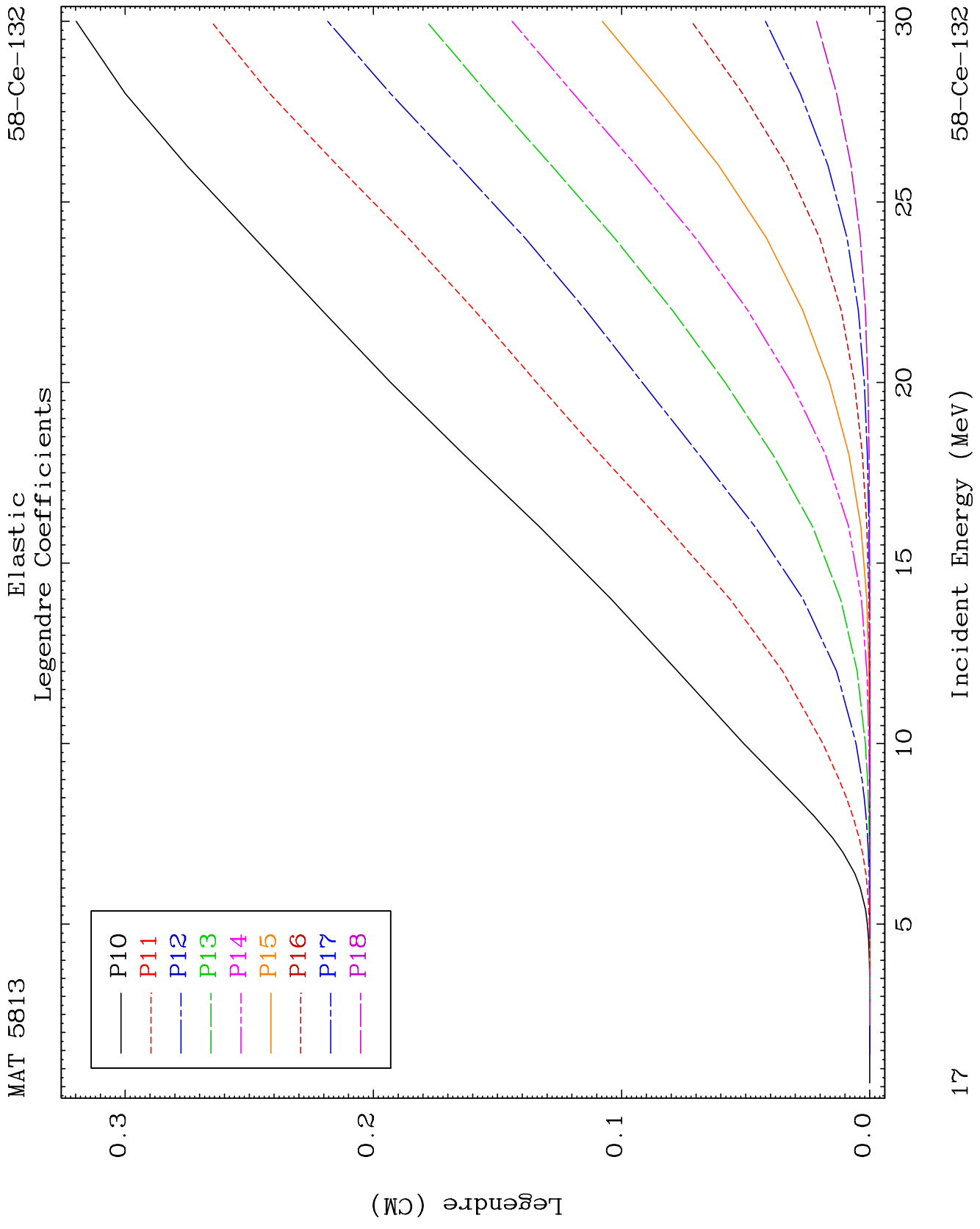
58-Ce-132



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Incident Energy (MeV)

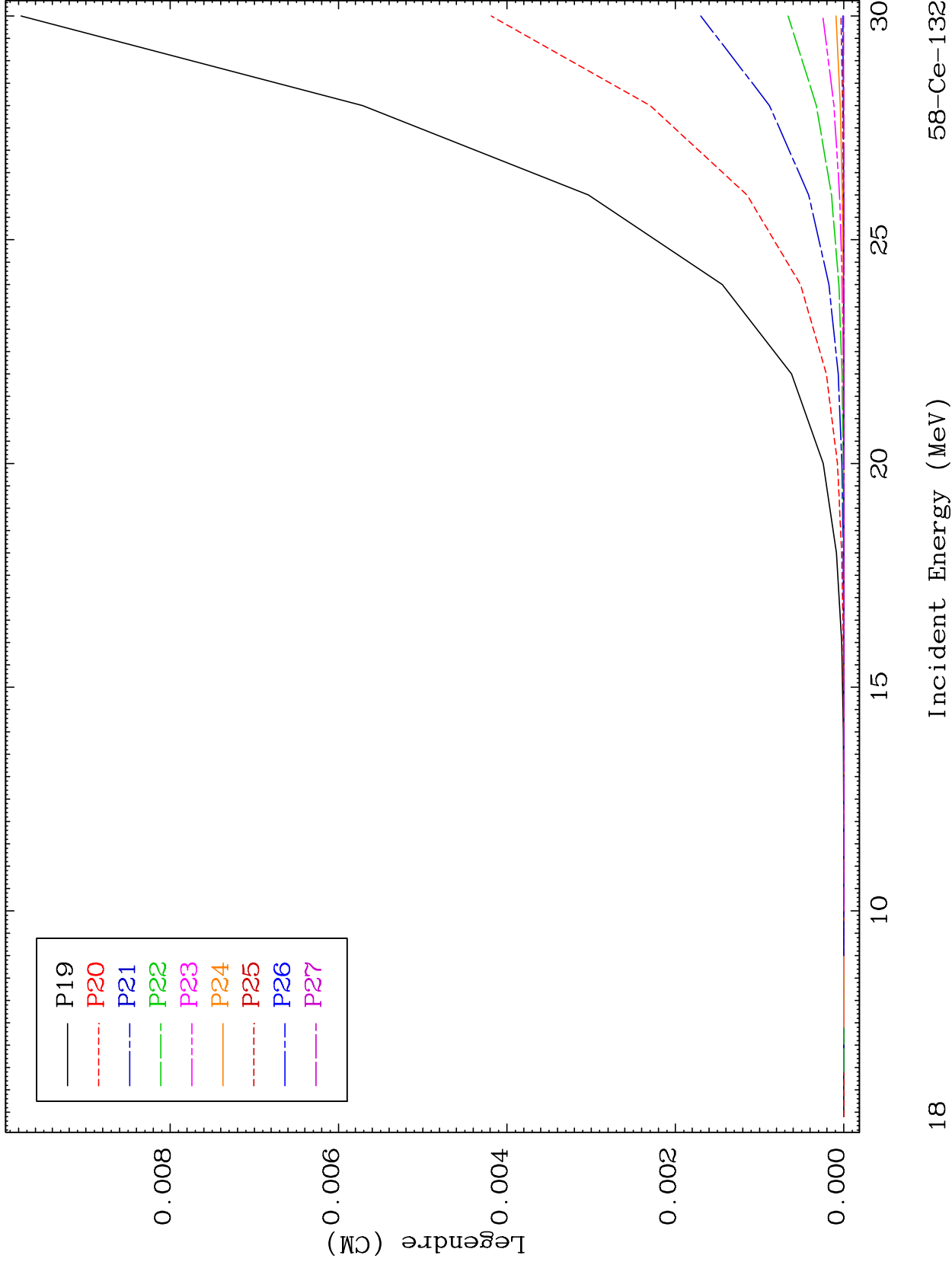
58-Ce-132



MAT 5813

Elastic Legendre Coefficients

58-Ce-132



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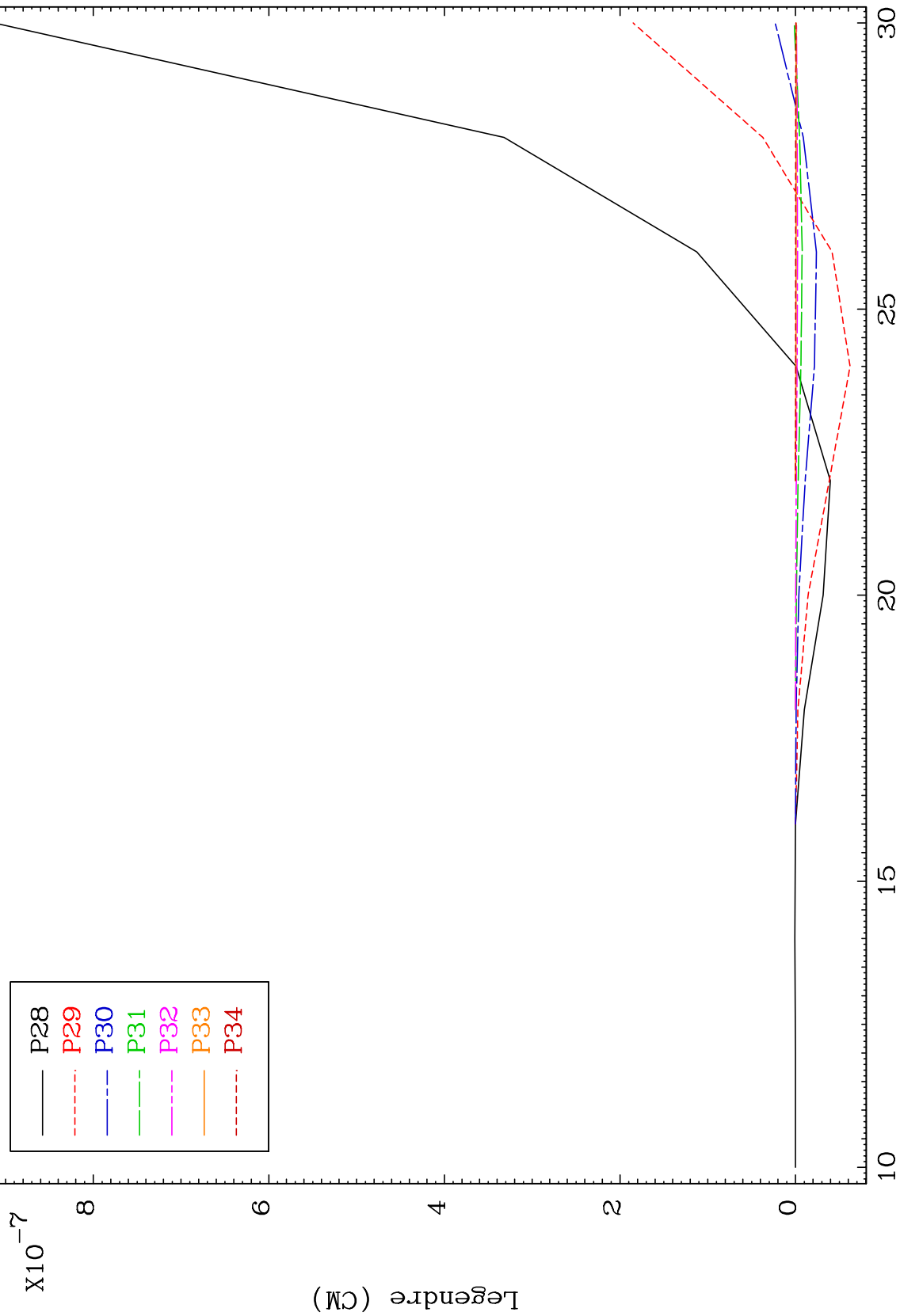
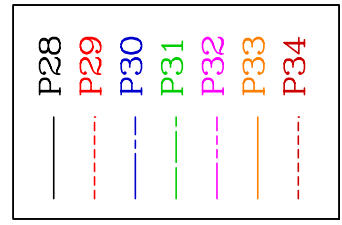
Incident Energy (MeV)

58-Ce-132

MAT 5813

Elastic Legendre Coefficients

58-Ce-132



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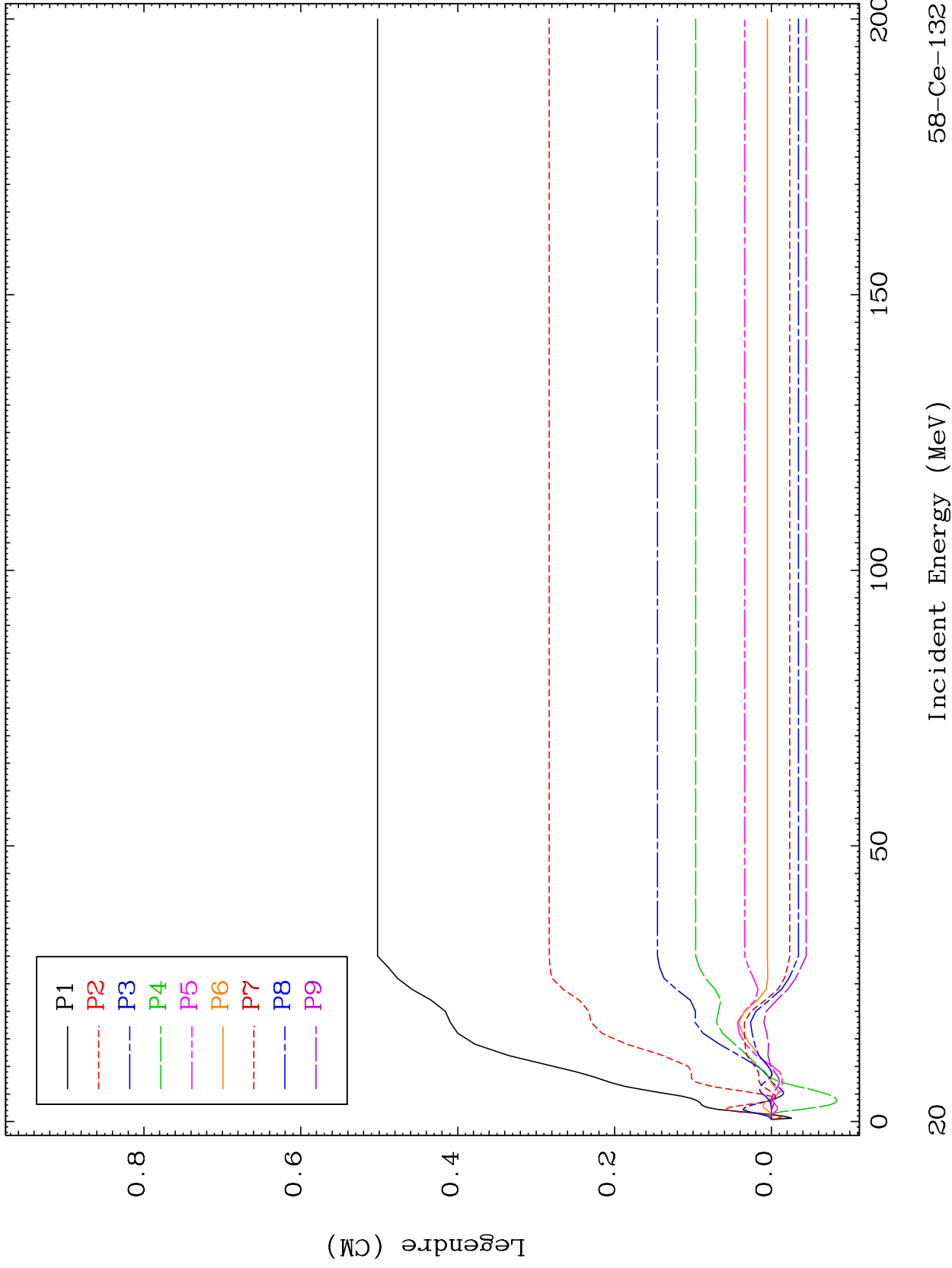
Incident Energy (MeV)

58-Ce-132

MAT 5813

325.3 keV (n,n') Level
Legendre Coefficients

58-Ce-132



58-Ce-132

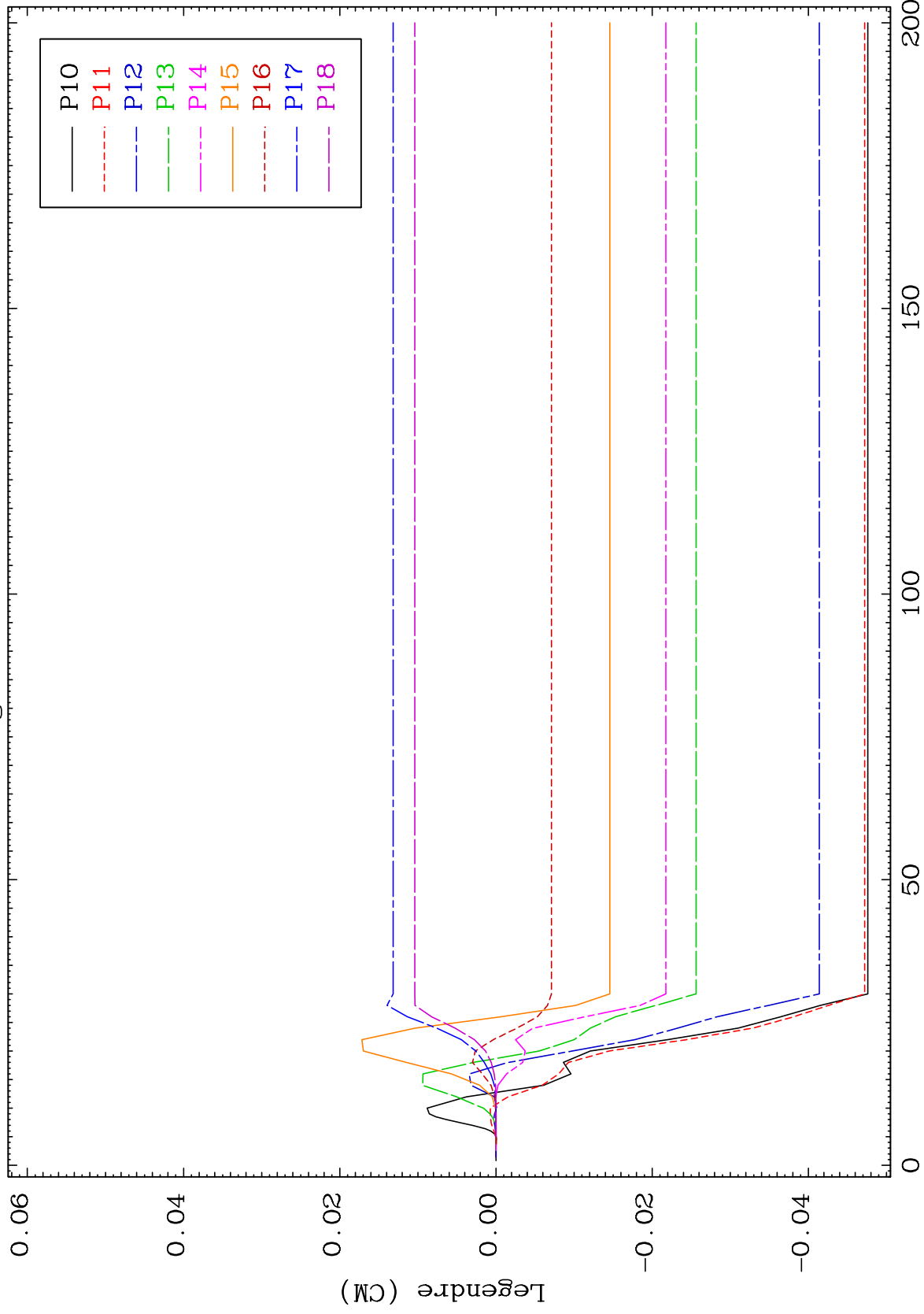
Incident Energy (MeV)

0

MAT 5813

325.3 keV (n,n') Level
Legendre Coefficients

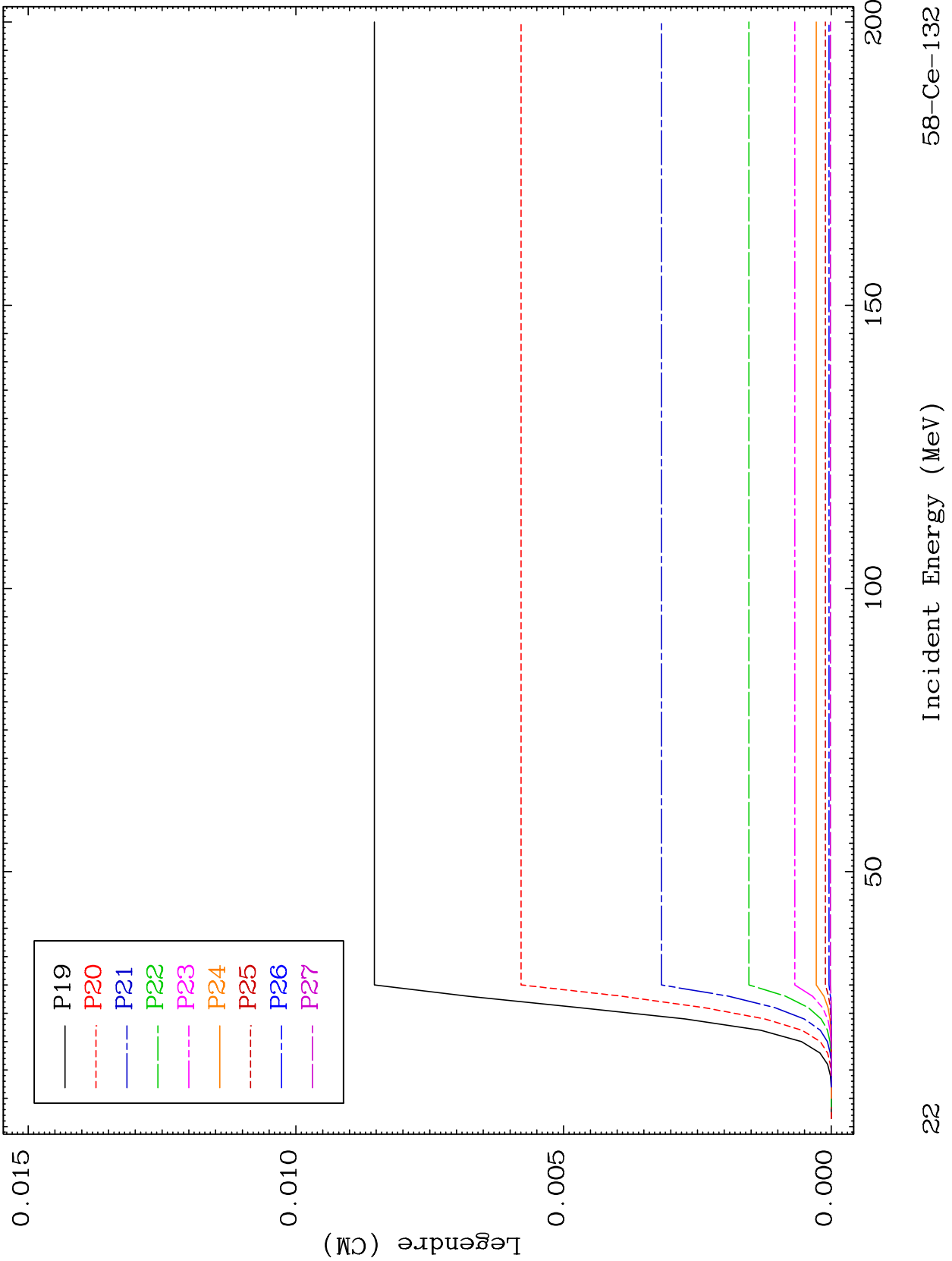
58-Ce-132

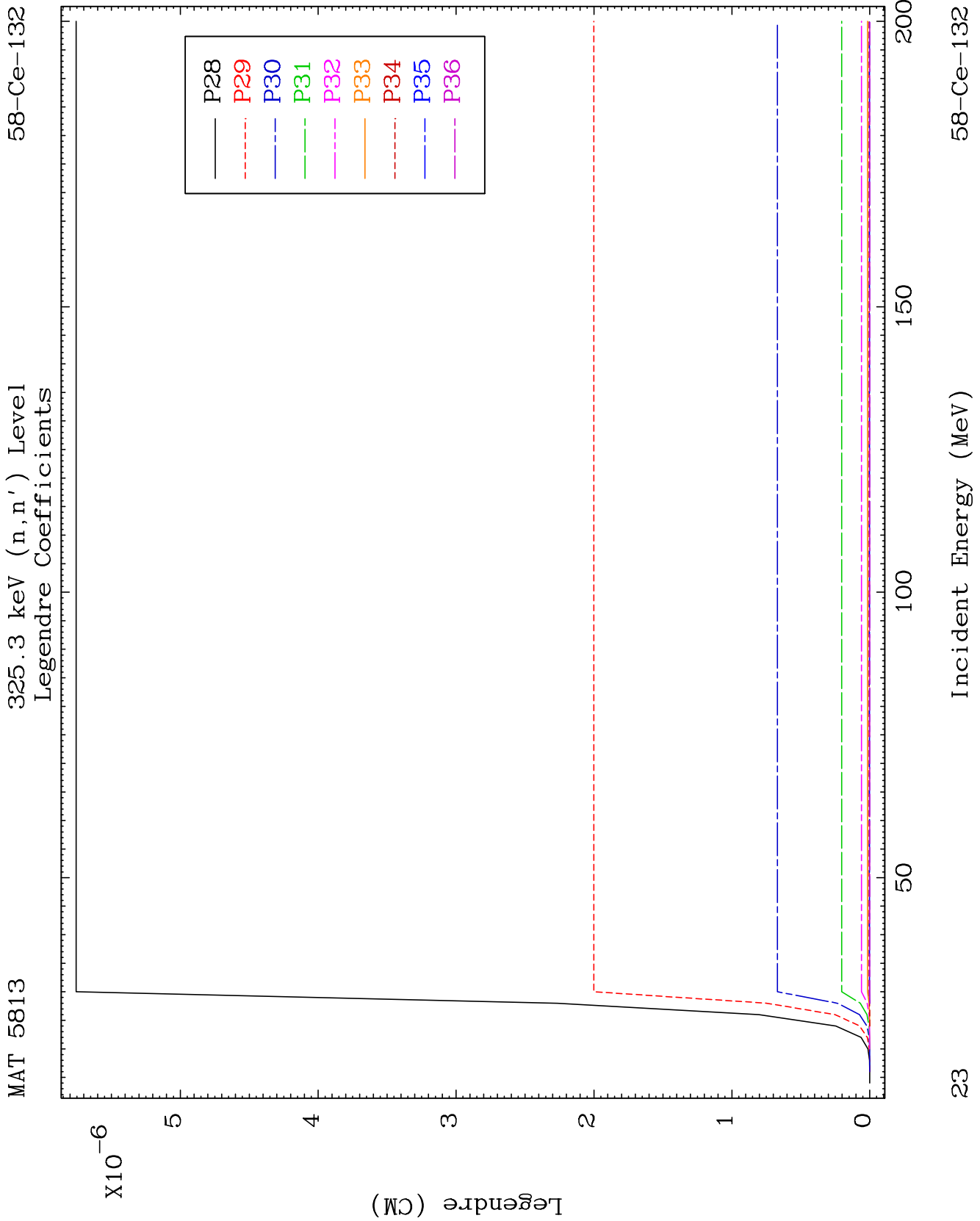


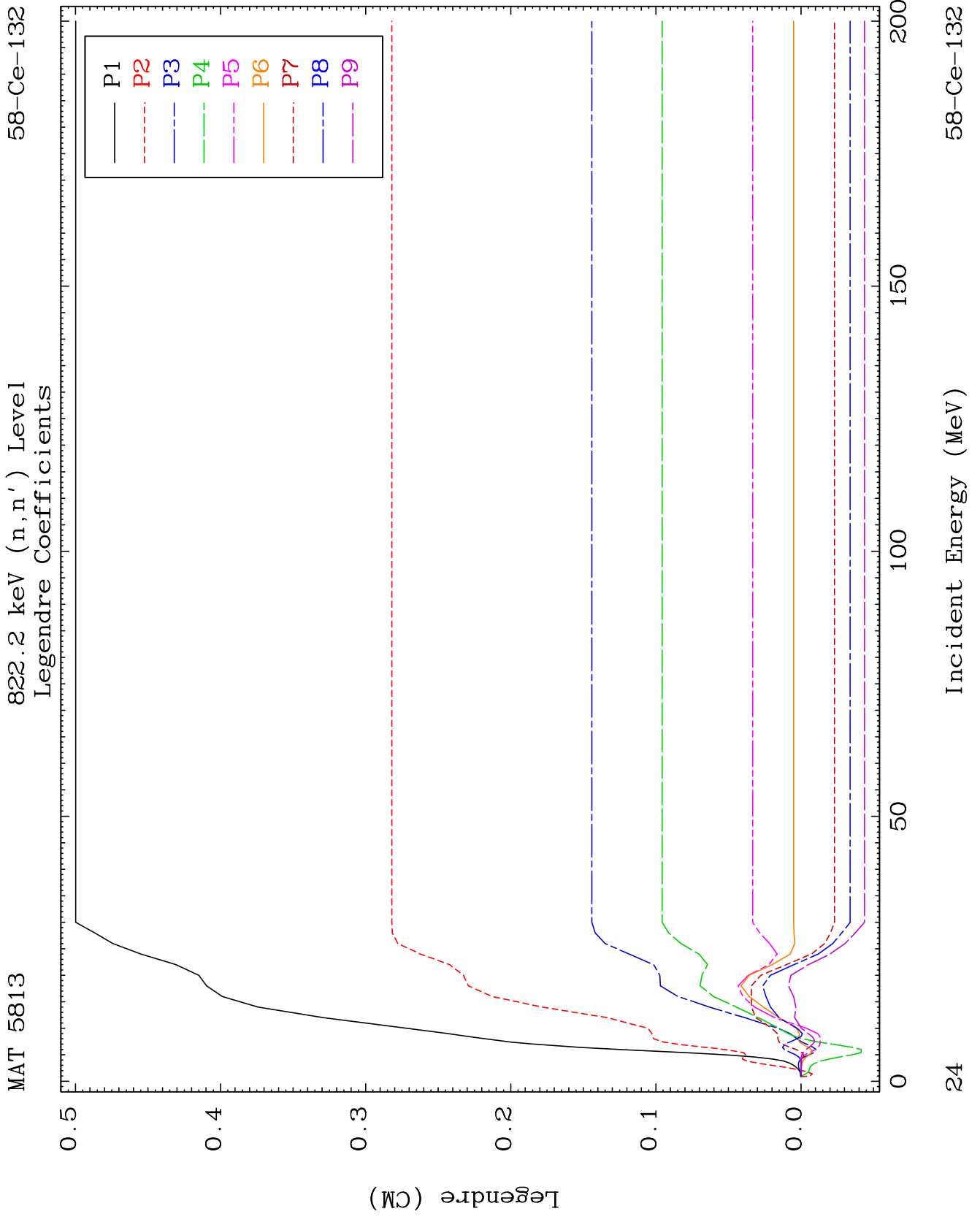
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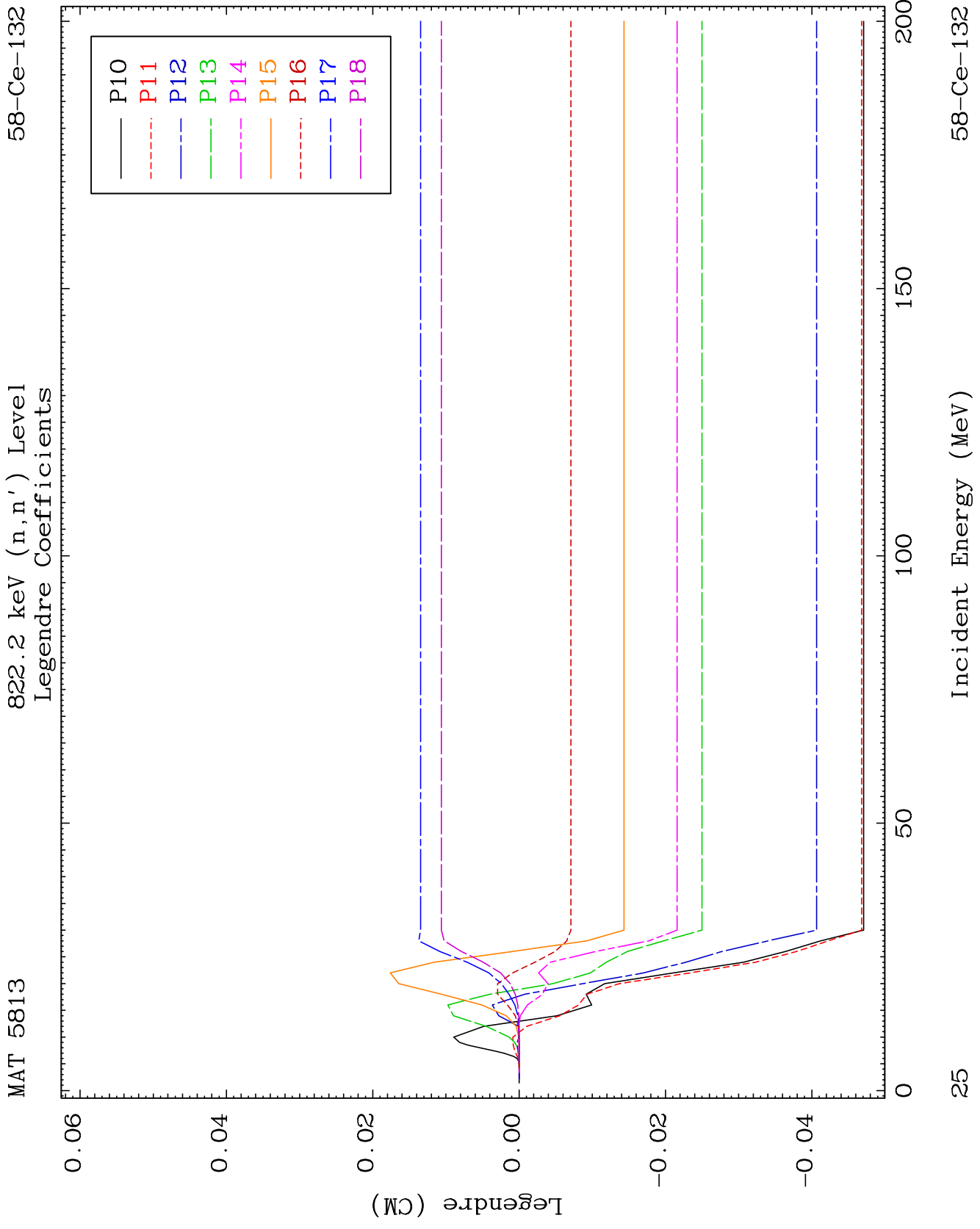
Incident Energy (MeV)

58-Ce-132





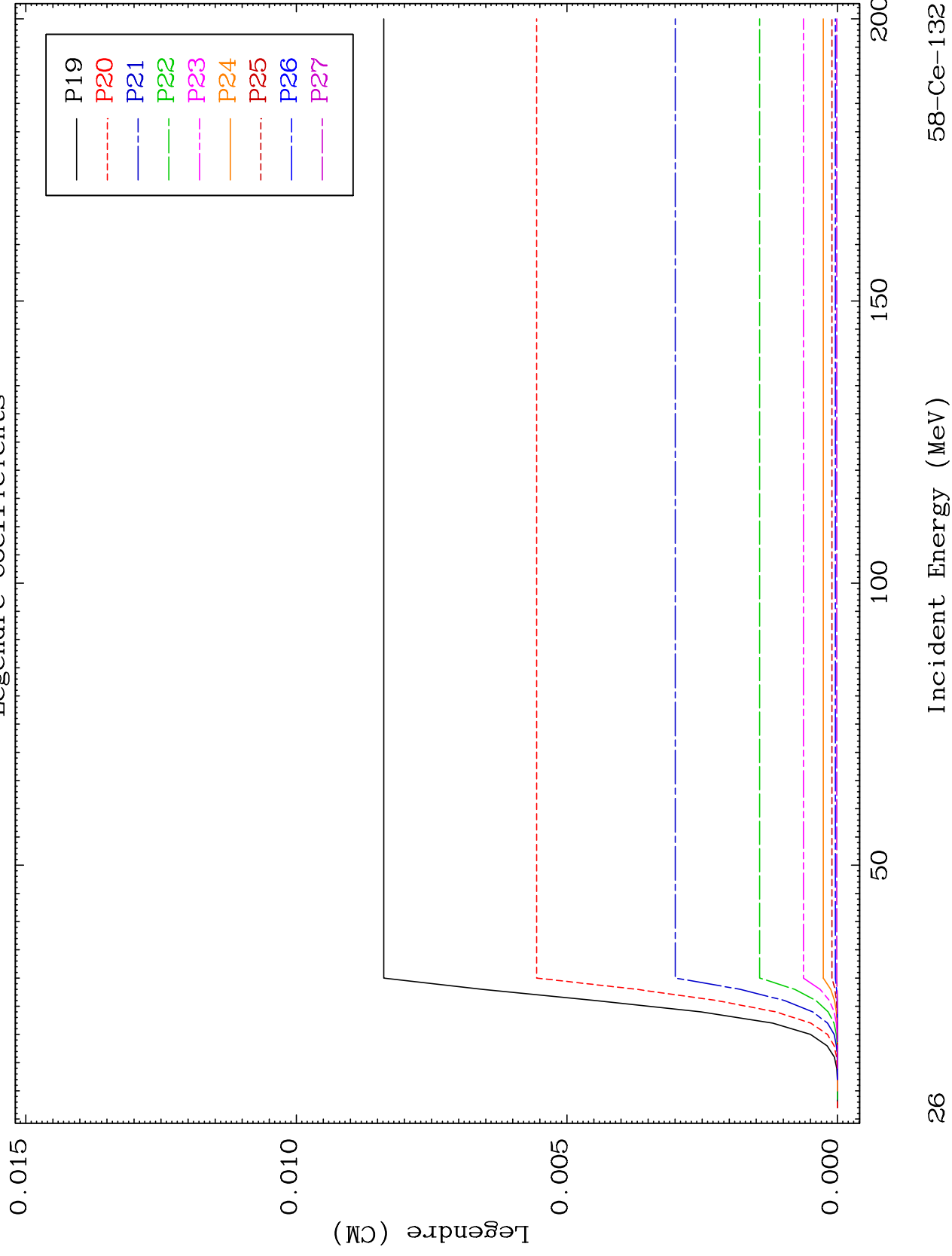




MAT 5813

822.2 keV (n,n') Level
Legendre Coefficients

58-Ce-132



26

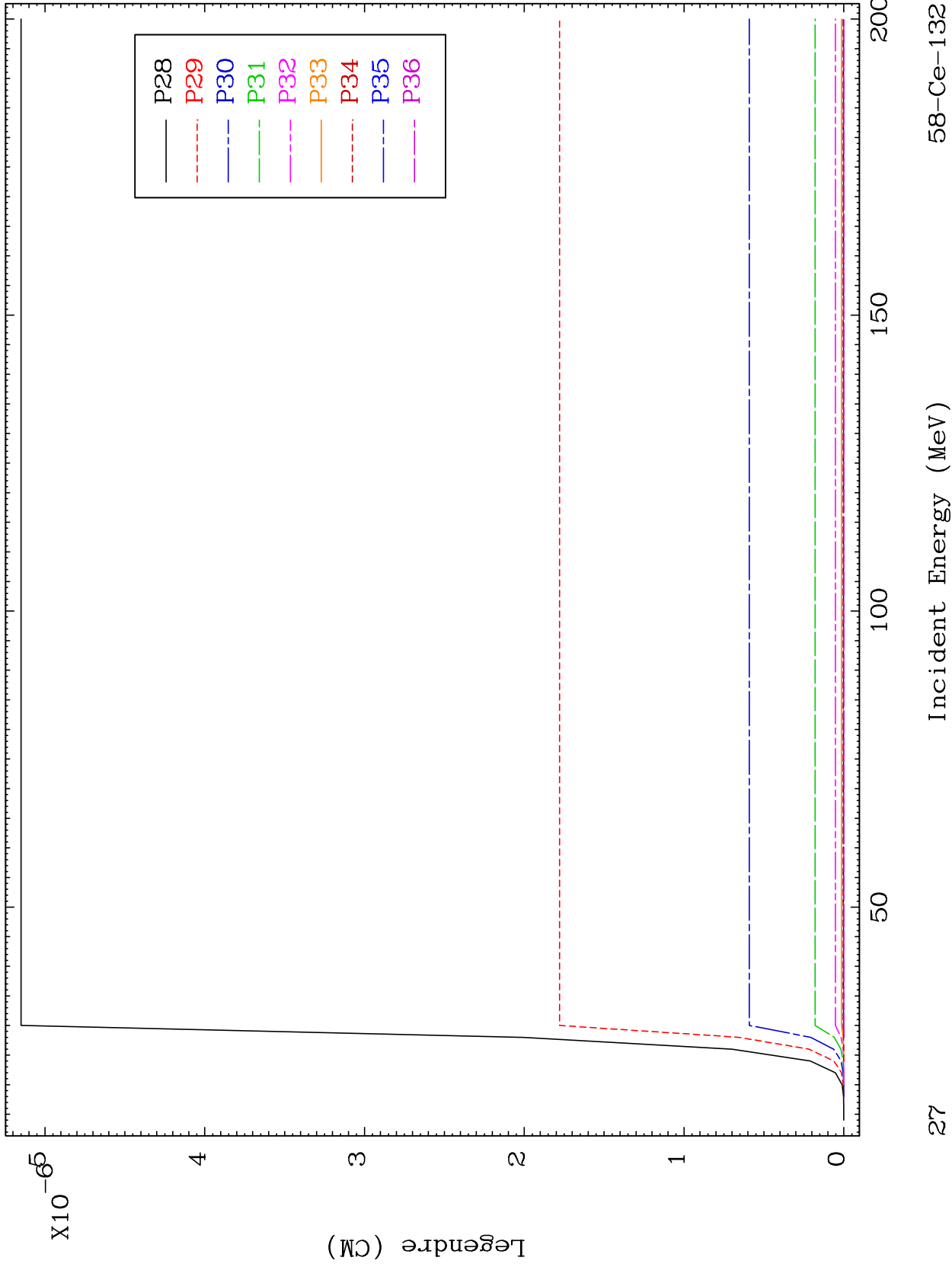
Incident Energy (MeV)

58-Ce-132

MAT 5813

822.2 keV (n, n') Level
Legendre Coefficients

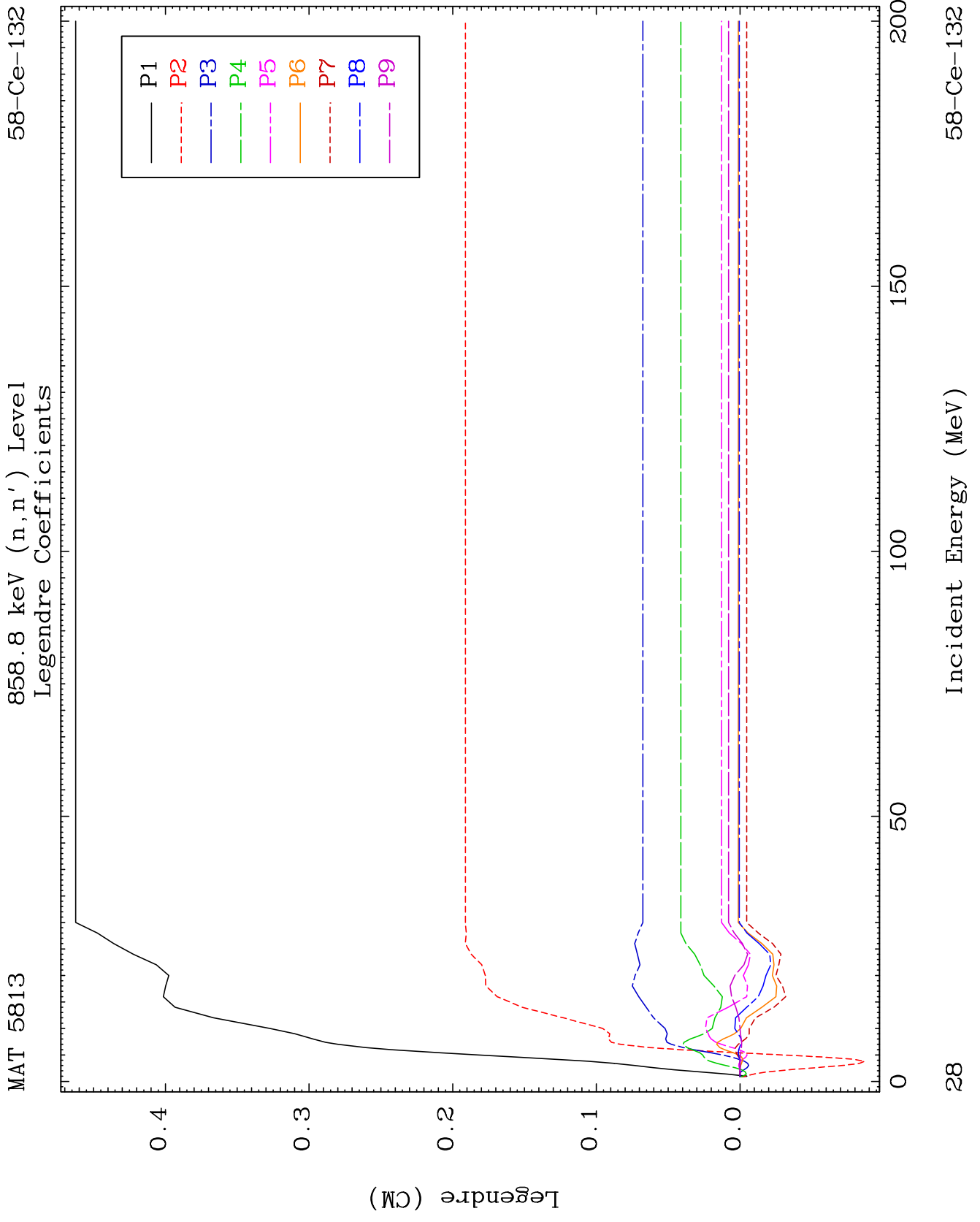
58-Ce-132



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Incident Energy (MeV)

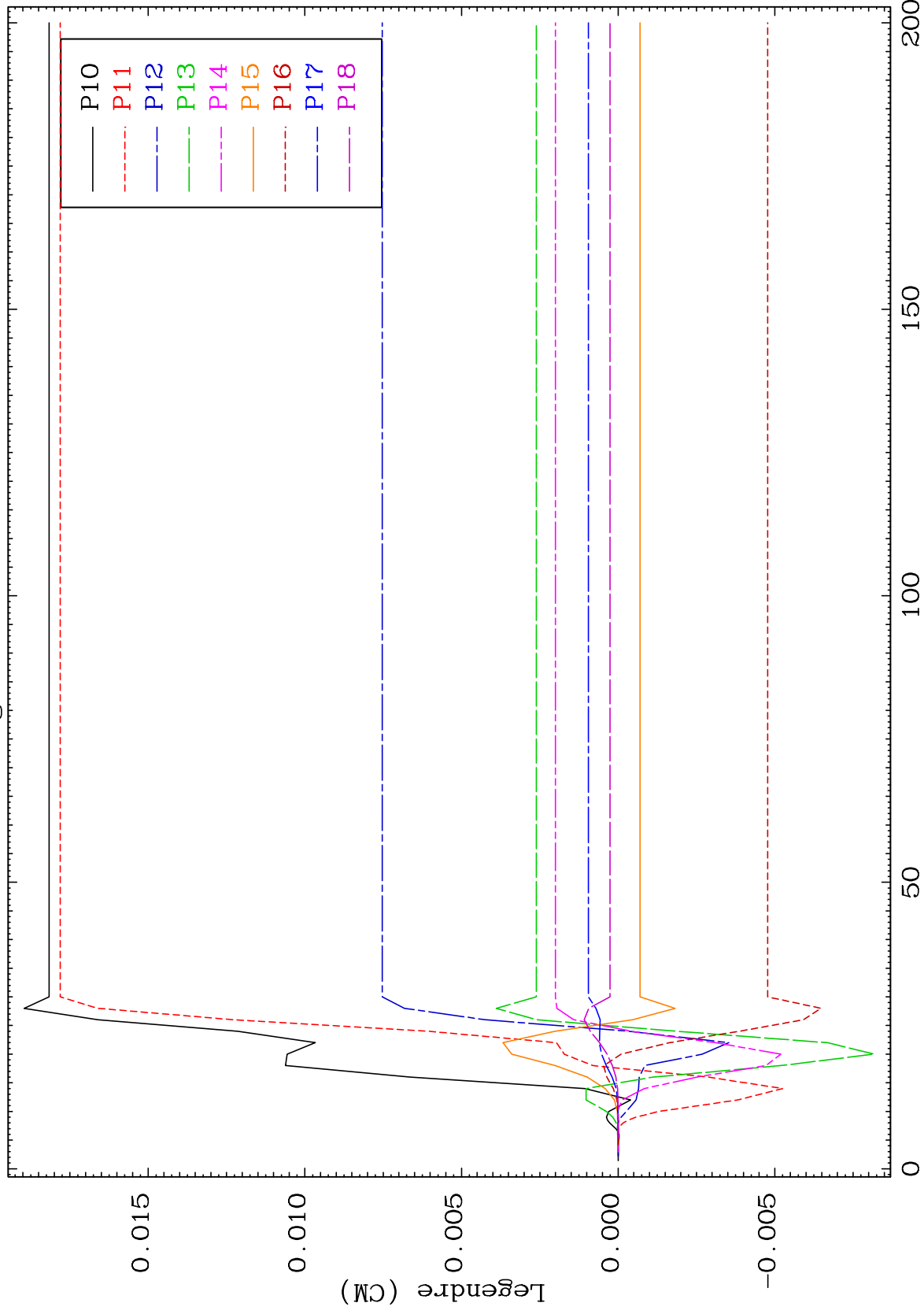
58-Ce-132



MAT 5813

858.8 keV (n,n') Level
Legendre Coefficients

58-Ce-132



29

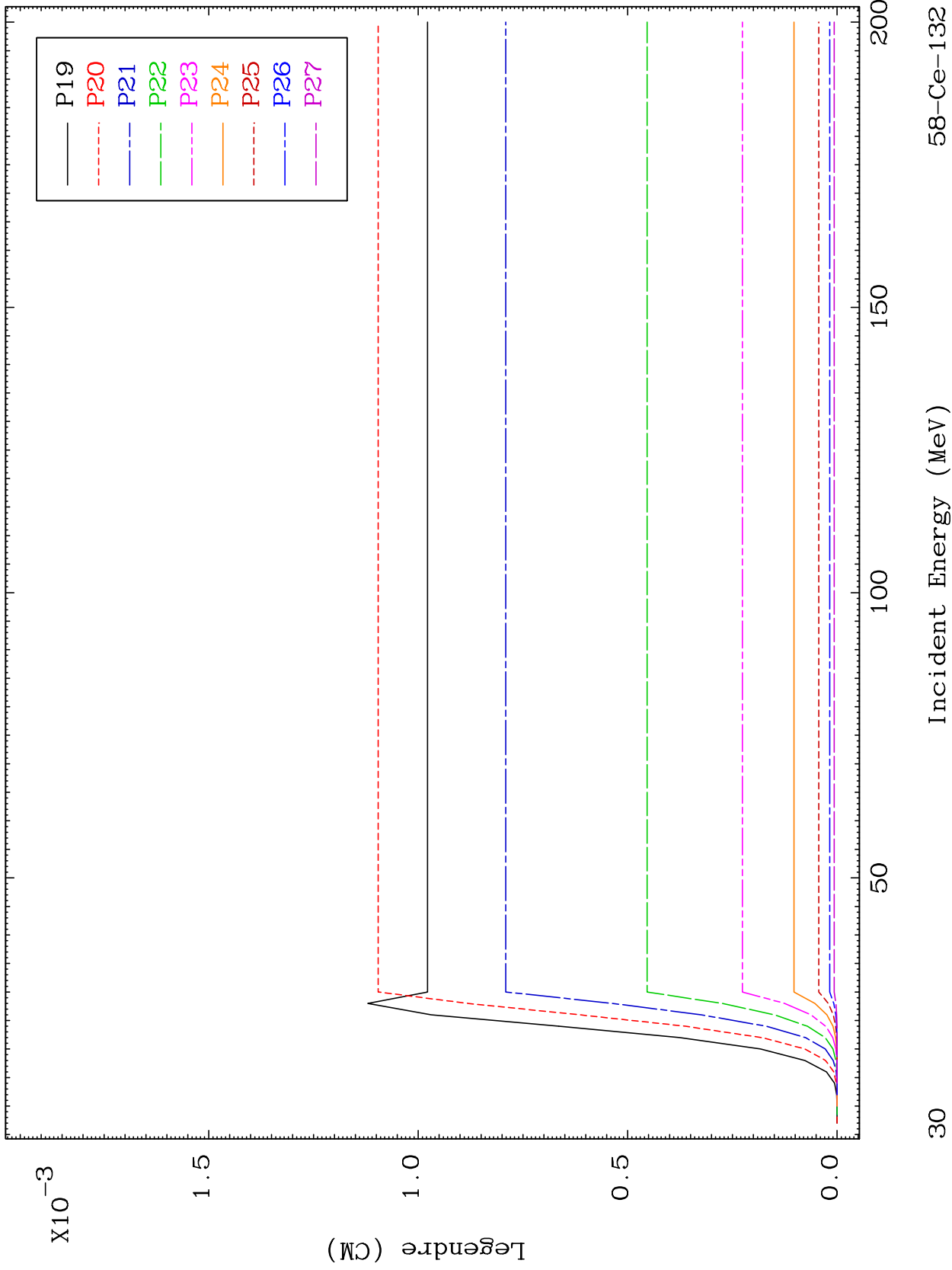
Incident Energy (MeV)

58-Ce-132

MAT 5813

858.8 keV (n,n') Level
Legendre Coefficients

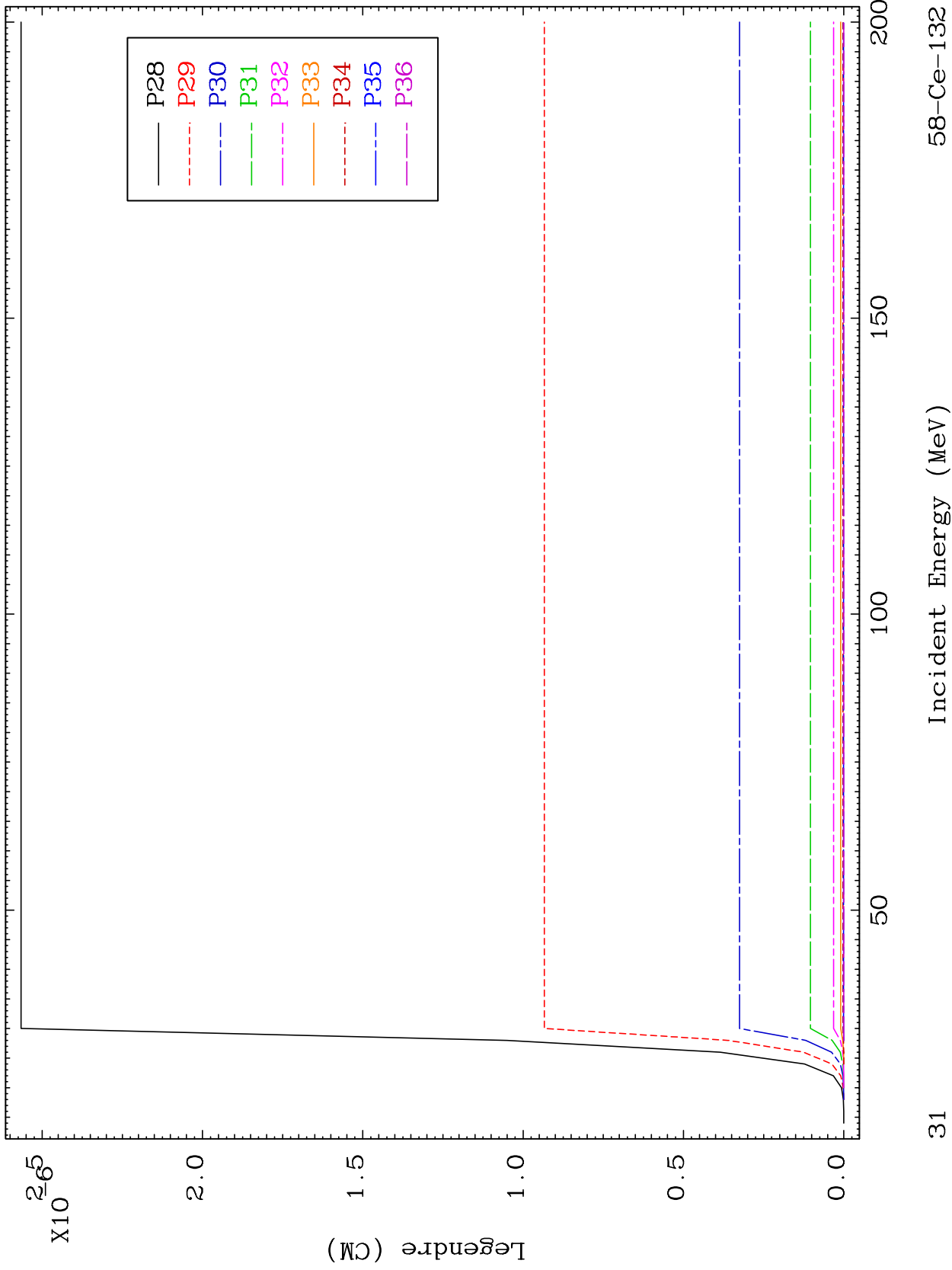
58-Ce-132



MAT 5813

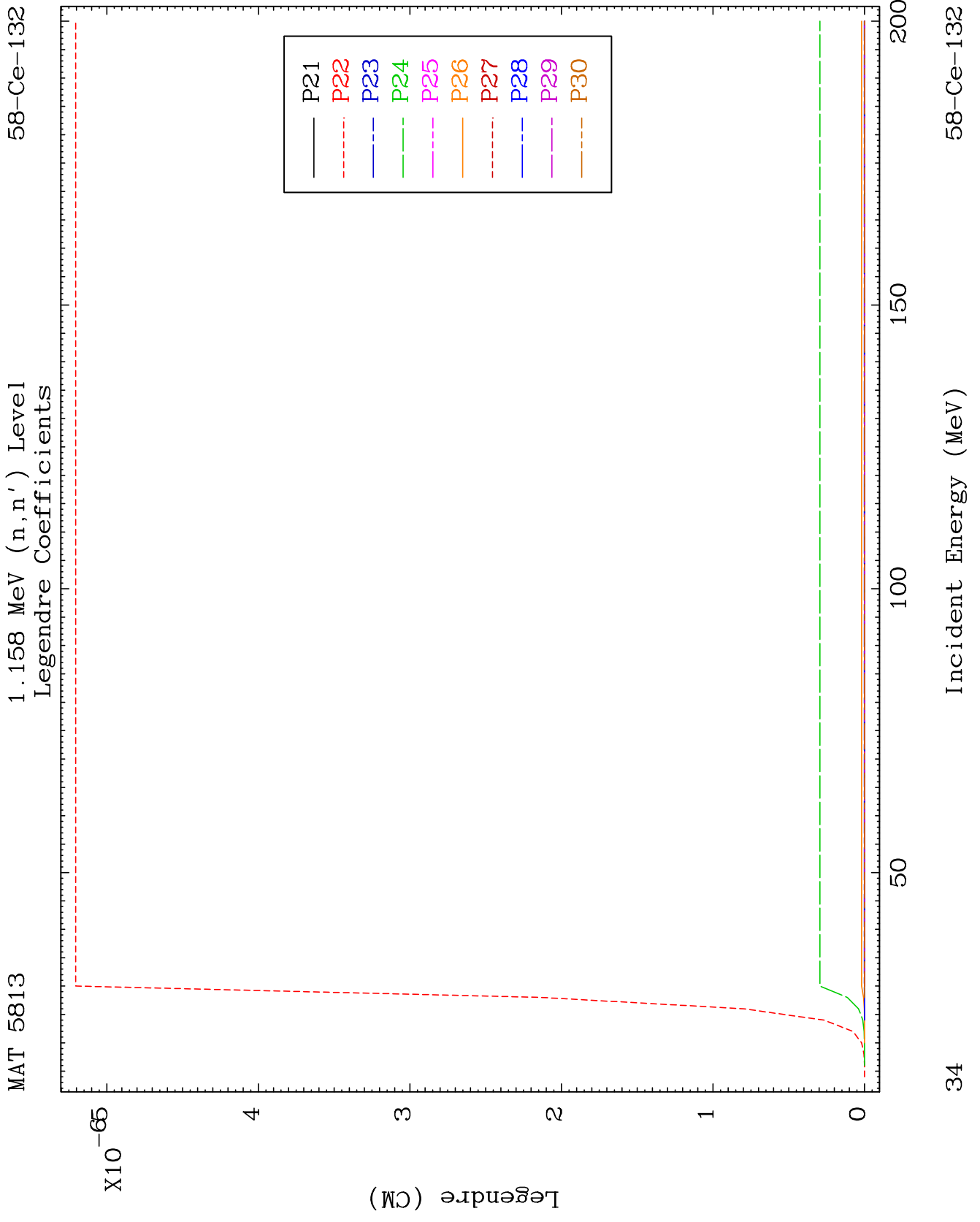
858.8 keV (n, n') Level
Legendre Coefficients

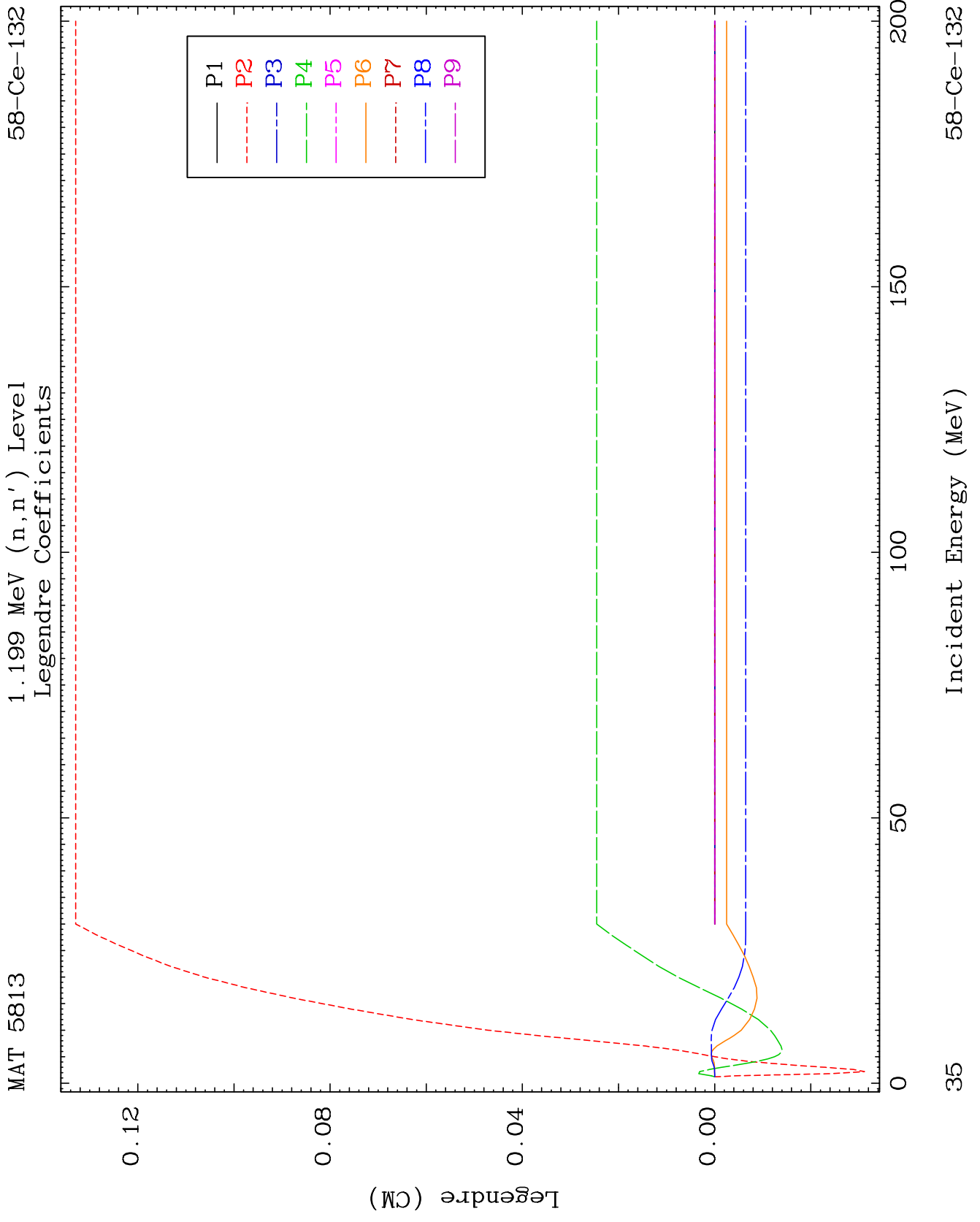
58-Ce-132



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58-Ce-132

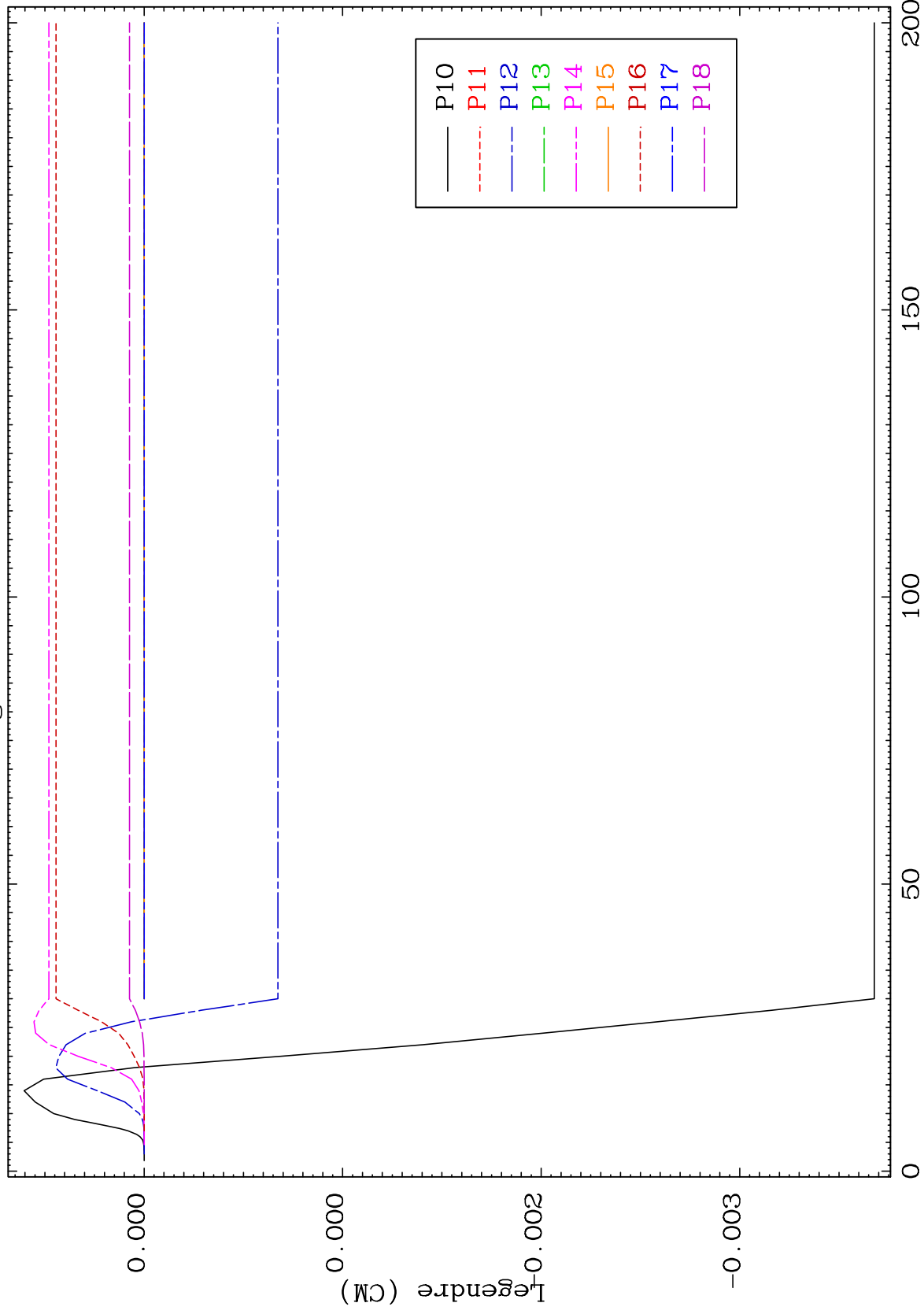




MAT 5813

1.199 MeV (n,n') Level
Legendre Coefficients

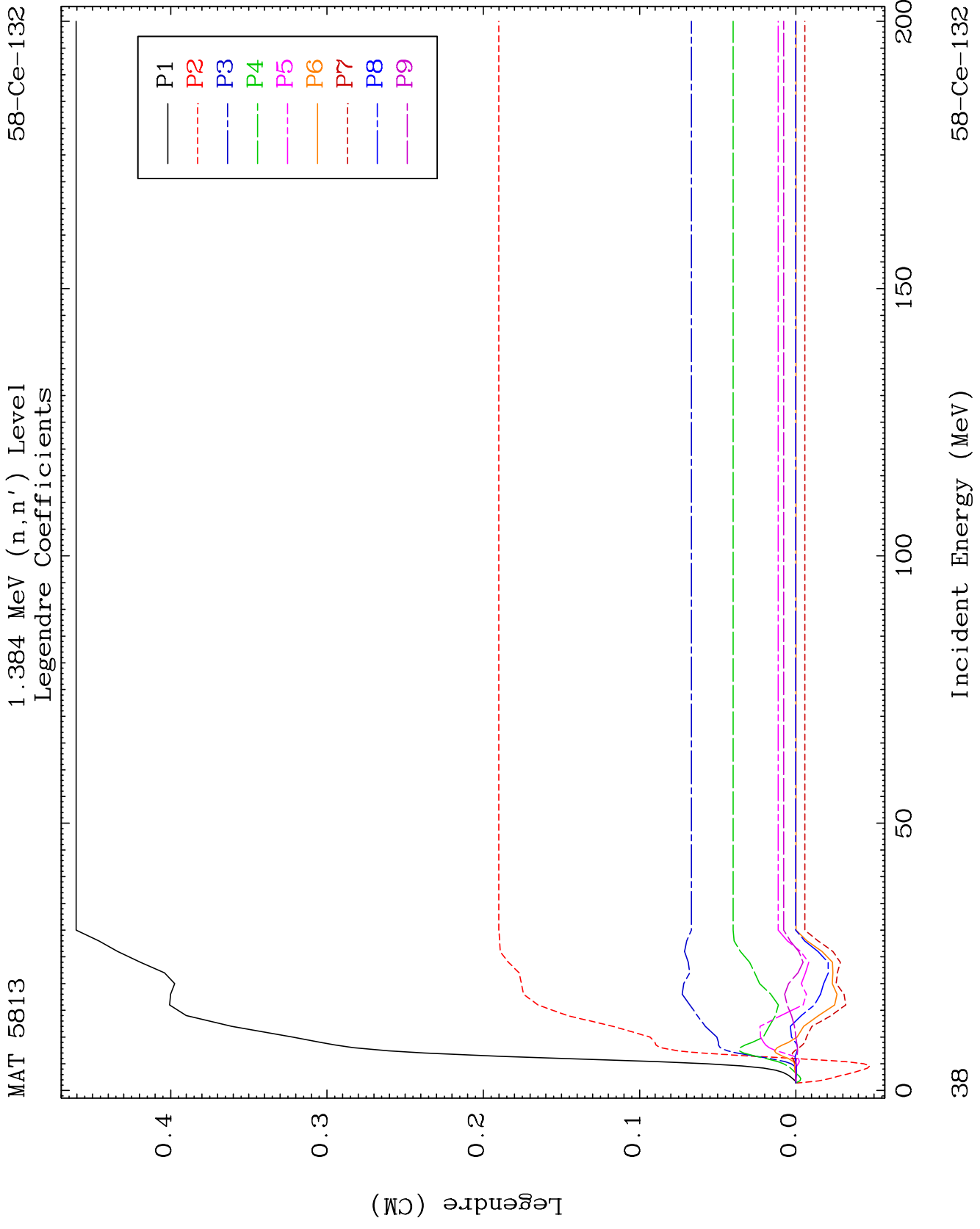
58-Ce-132



36

Incident Energy (MeV)

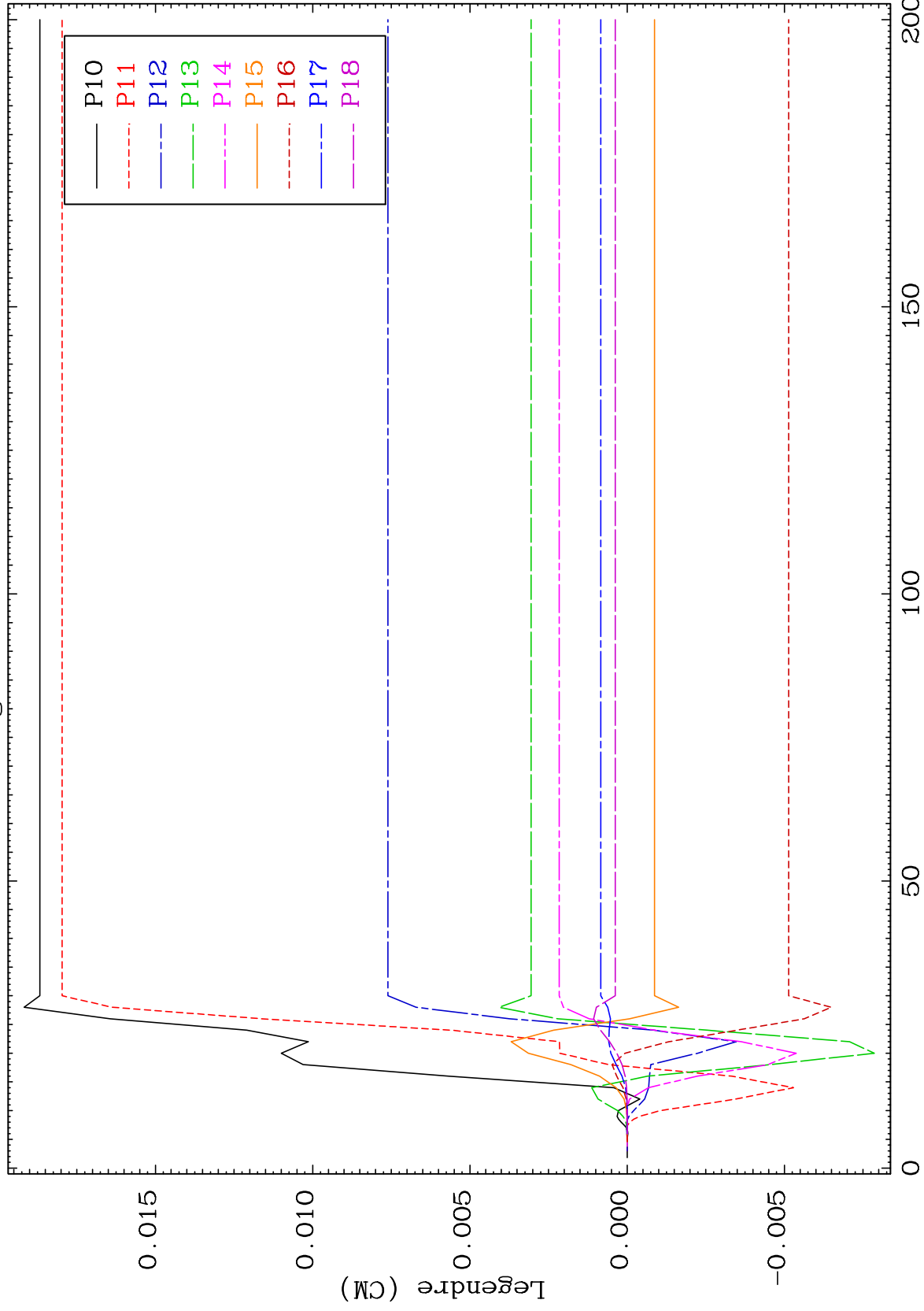
58-Ce-132



MAT 5813

1.384 MeV (n,n') Level
Legendre Coefficients

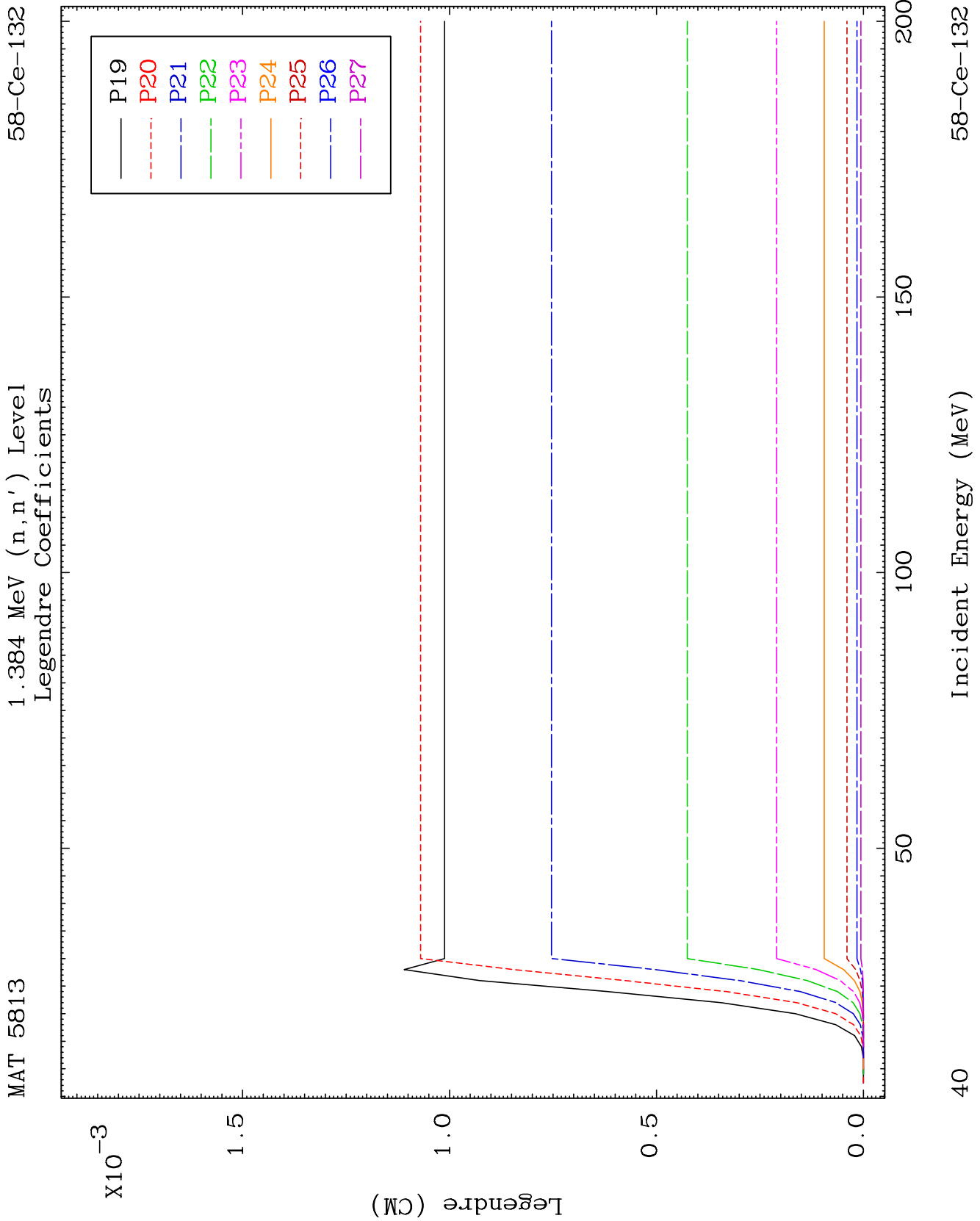
58-Ce-132



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Incident Energy (MeV)

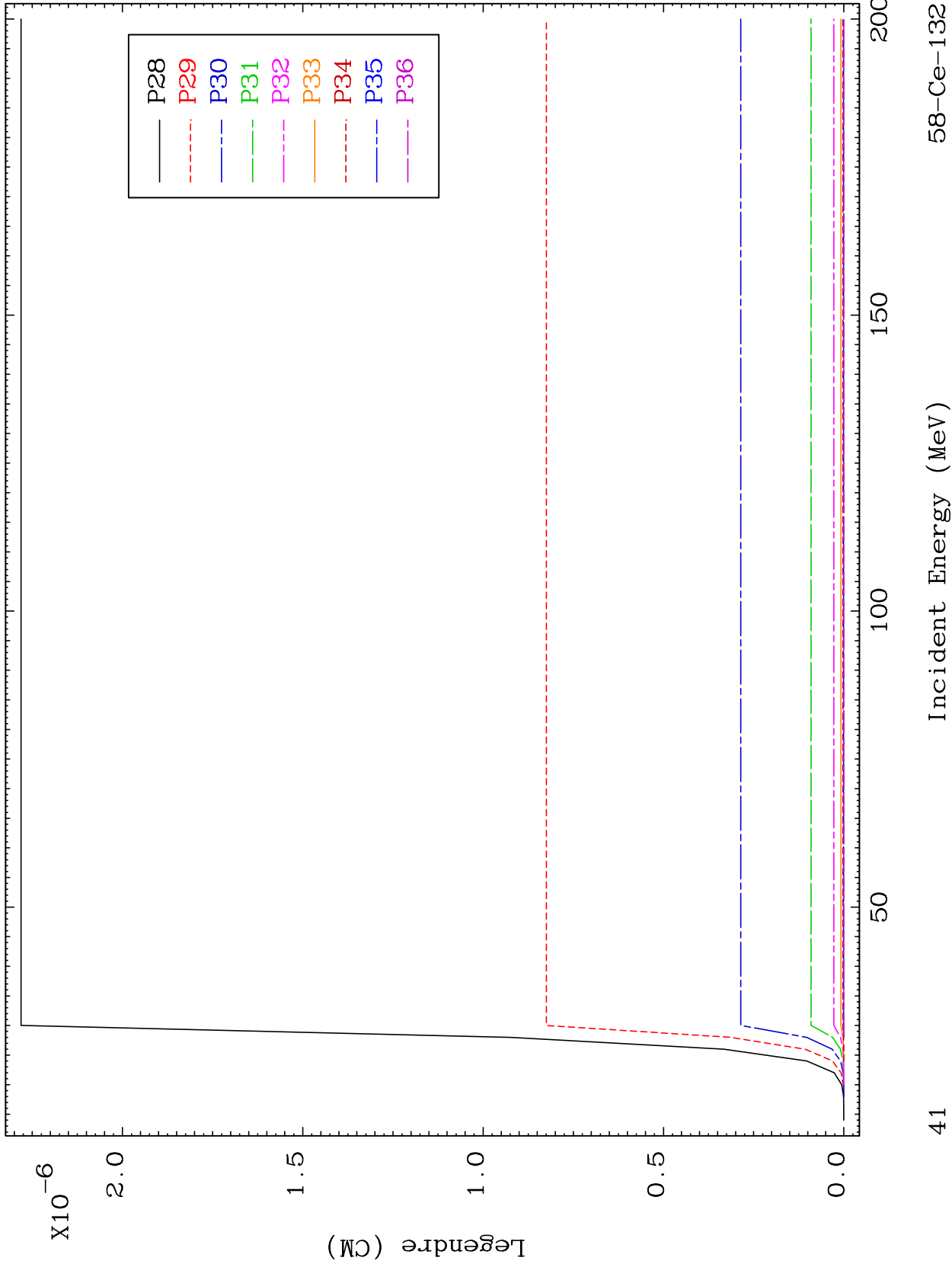
58-Ce-132



MAT 5813

1.384 MeV (n,n') Level
Legendre Coefficients

58-Ce-132



41

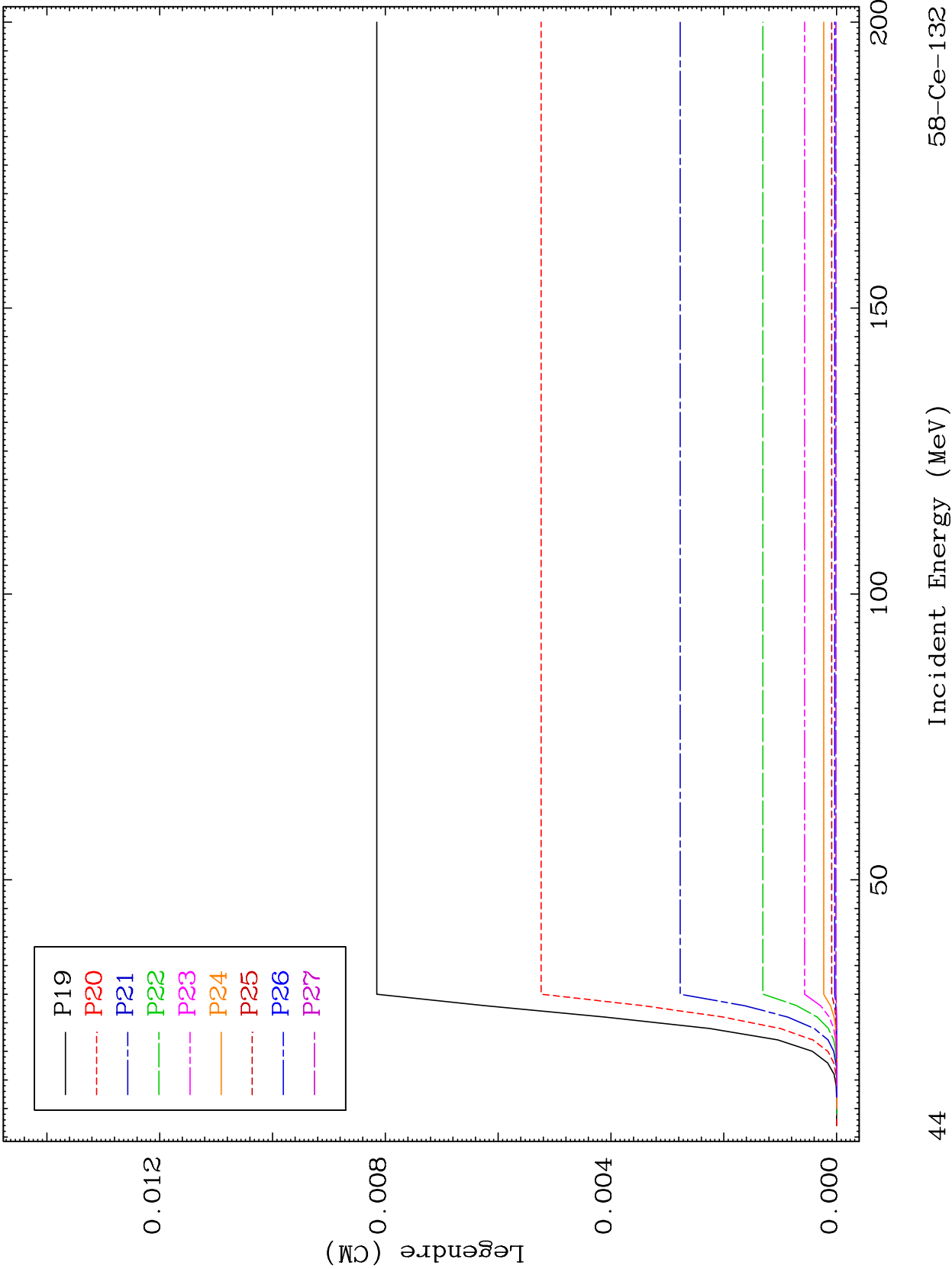
Incident Energy (MeV)

58-Ce-132

MAT 5813

1.497 MeV (n,n') Level
Legendre Coefficients

58-Ce-132



44

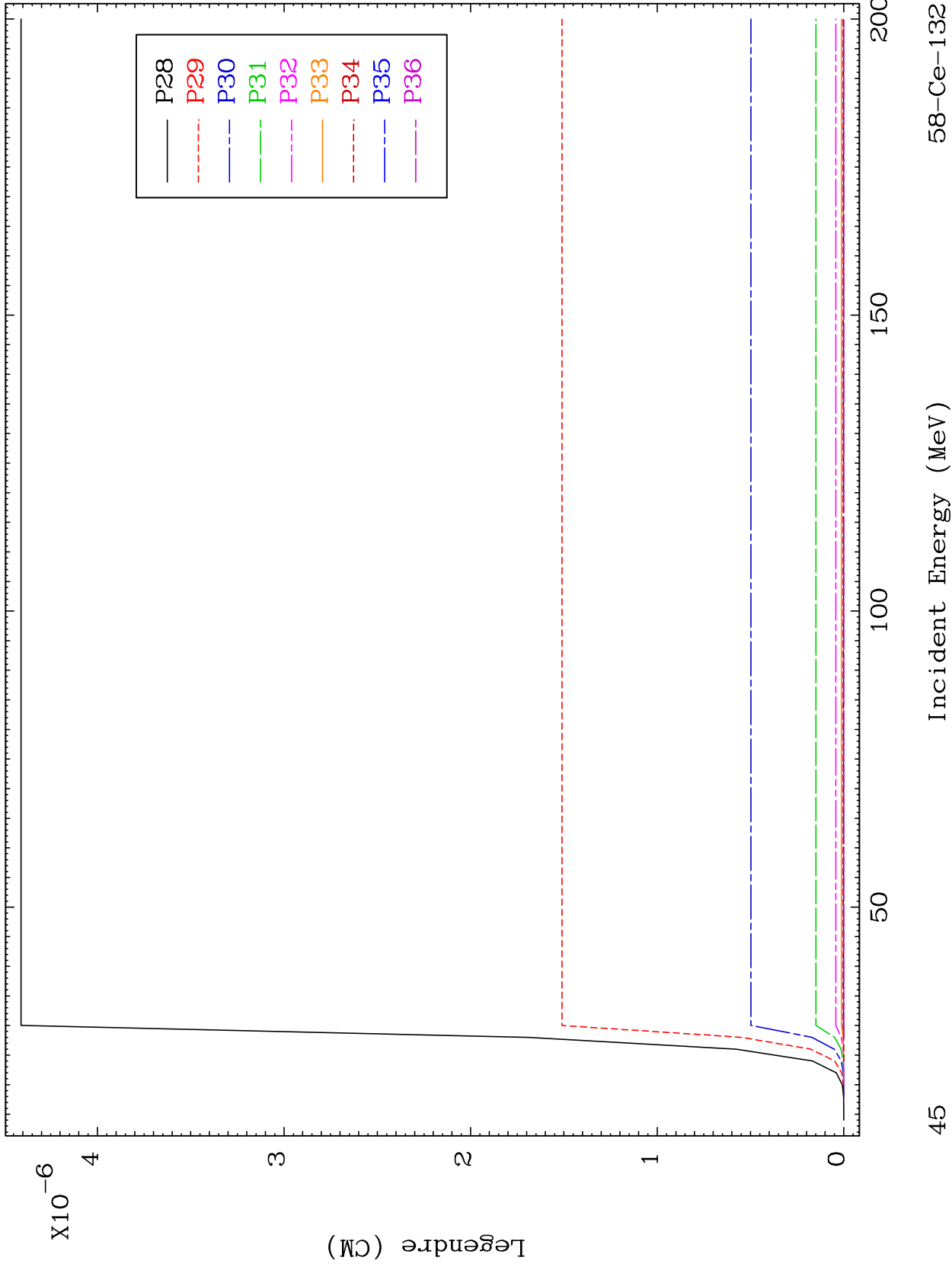
Incident Energy (MeV)

58-Ce-132

MAT 5813

1.497 MeV (n,n') Level
Legendre Coefficients

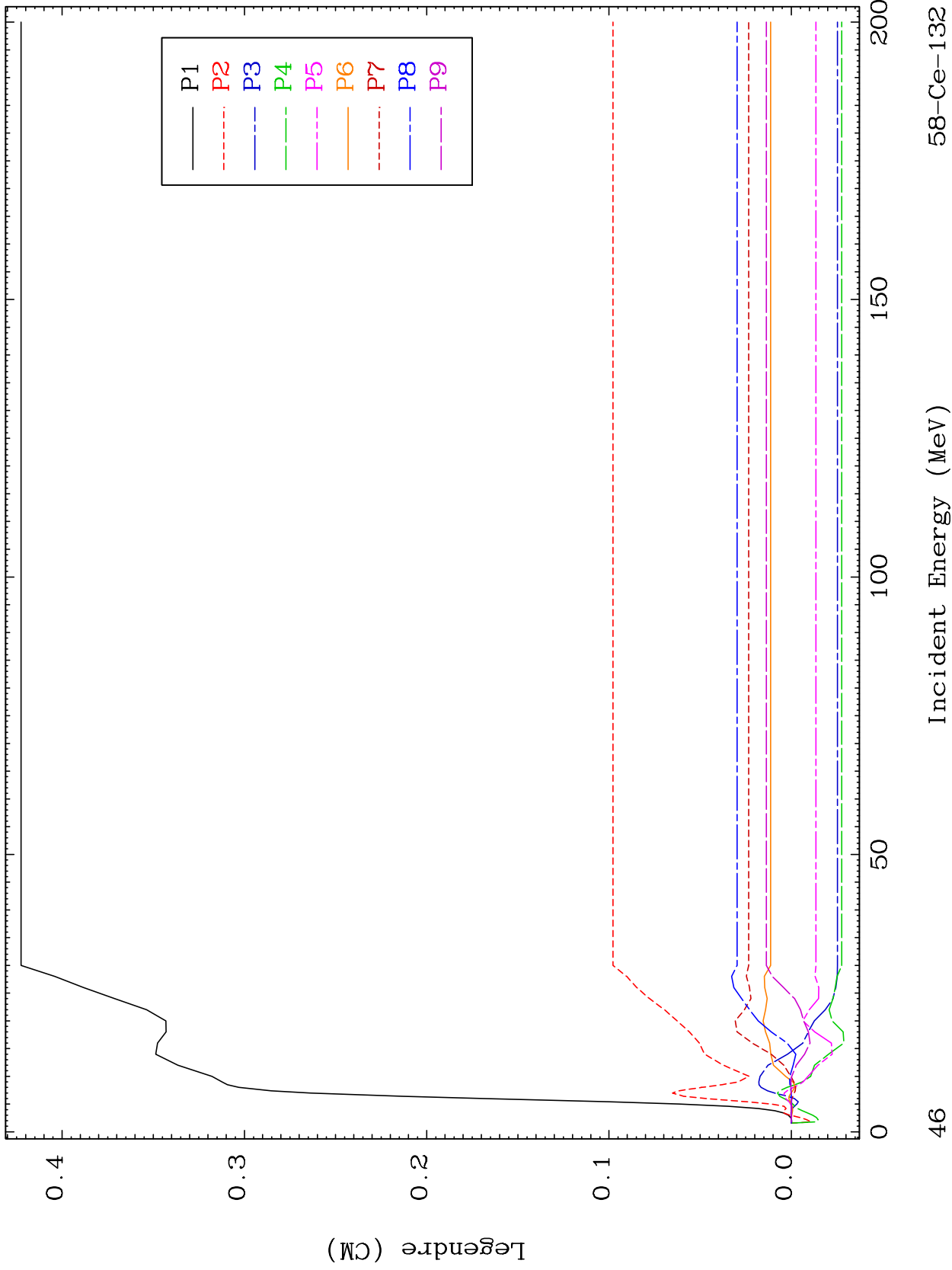
58-Ce-132



MAT 5813

1.543 MeV (n,n') Level
Legendre Coefficients

58-Ce-132



46

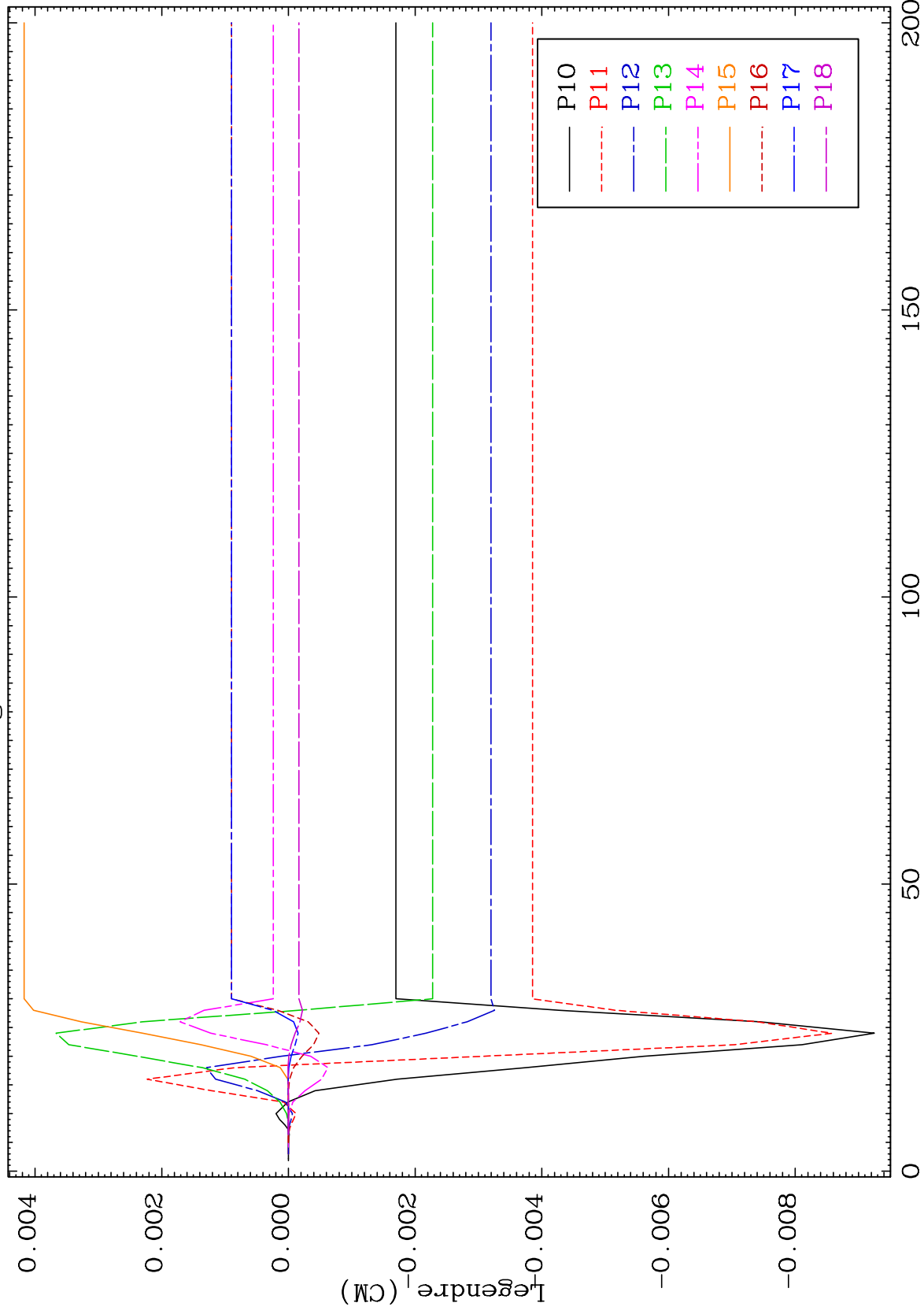
Incident Energy (MeV)

58-Ce-132

MAT 5813

1.543 MeV (n,n') Level
Legendre Coefficients

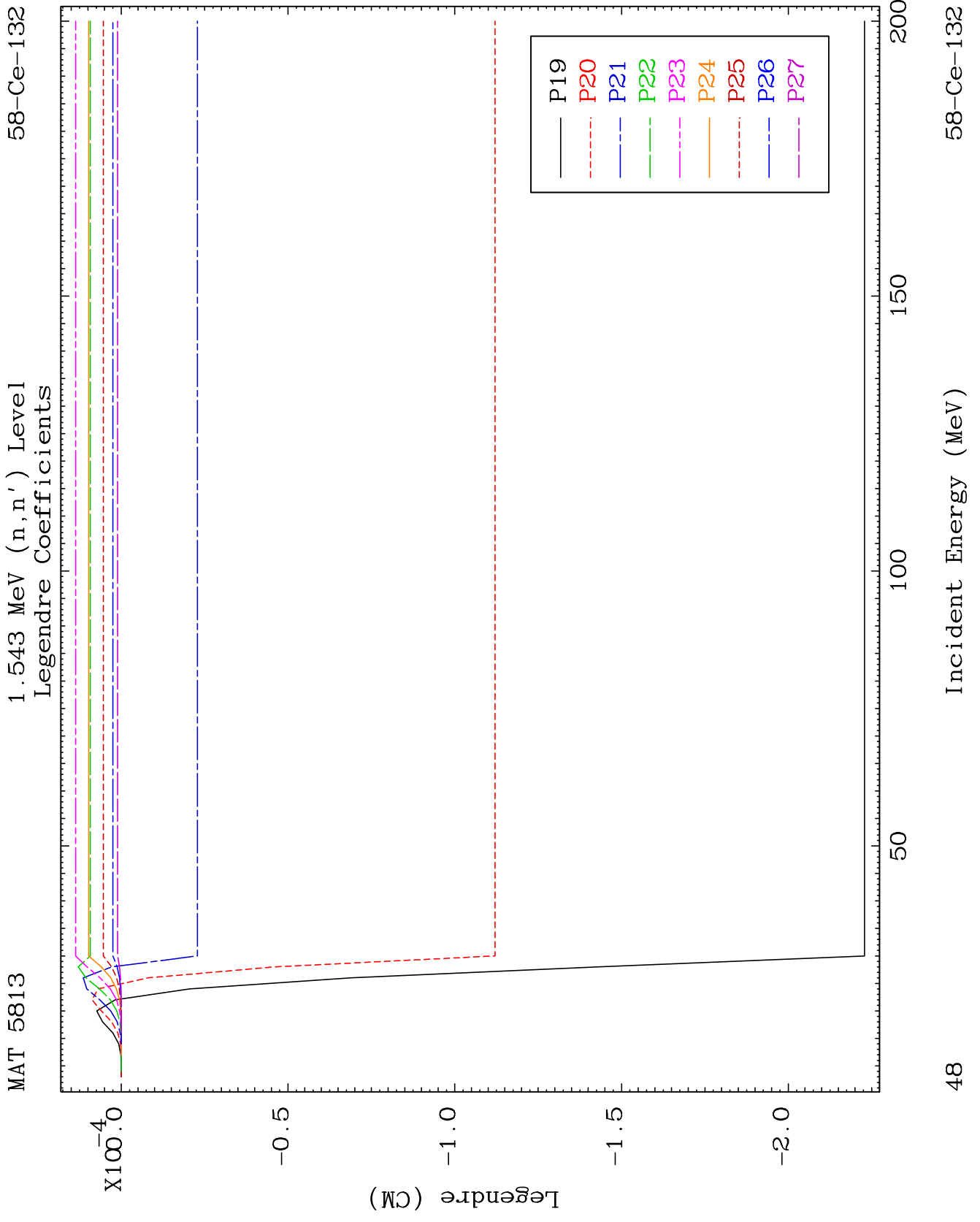
58-Ce-132



47

Incident Energy (MeV)

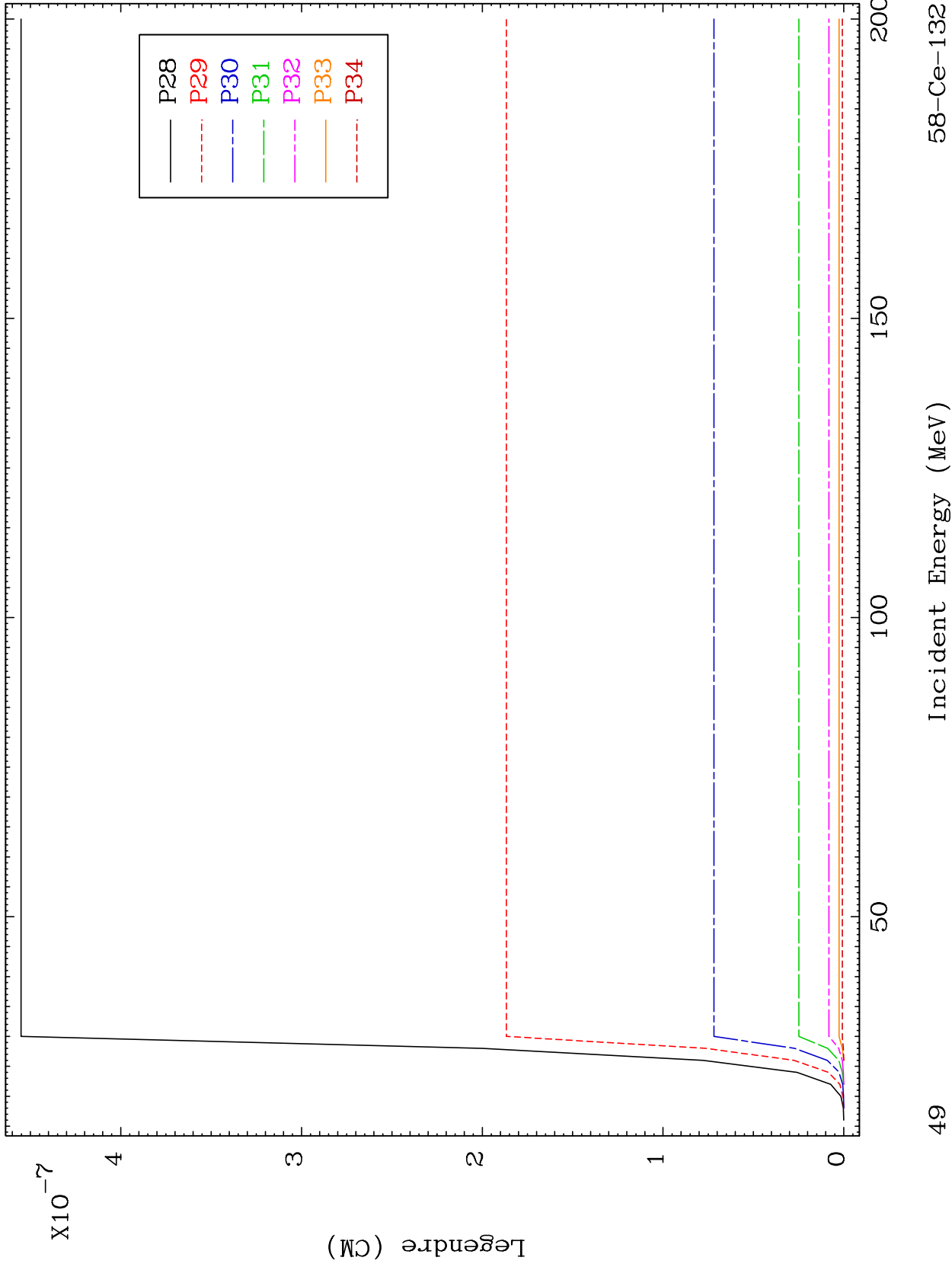
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MAT 5813

1.543 MeV (n, n') Level
Legendre Coefficients

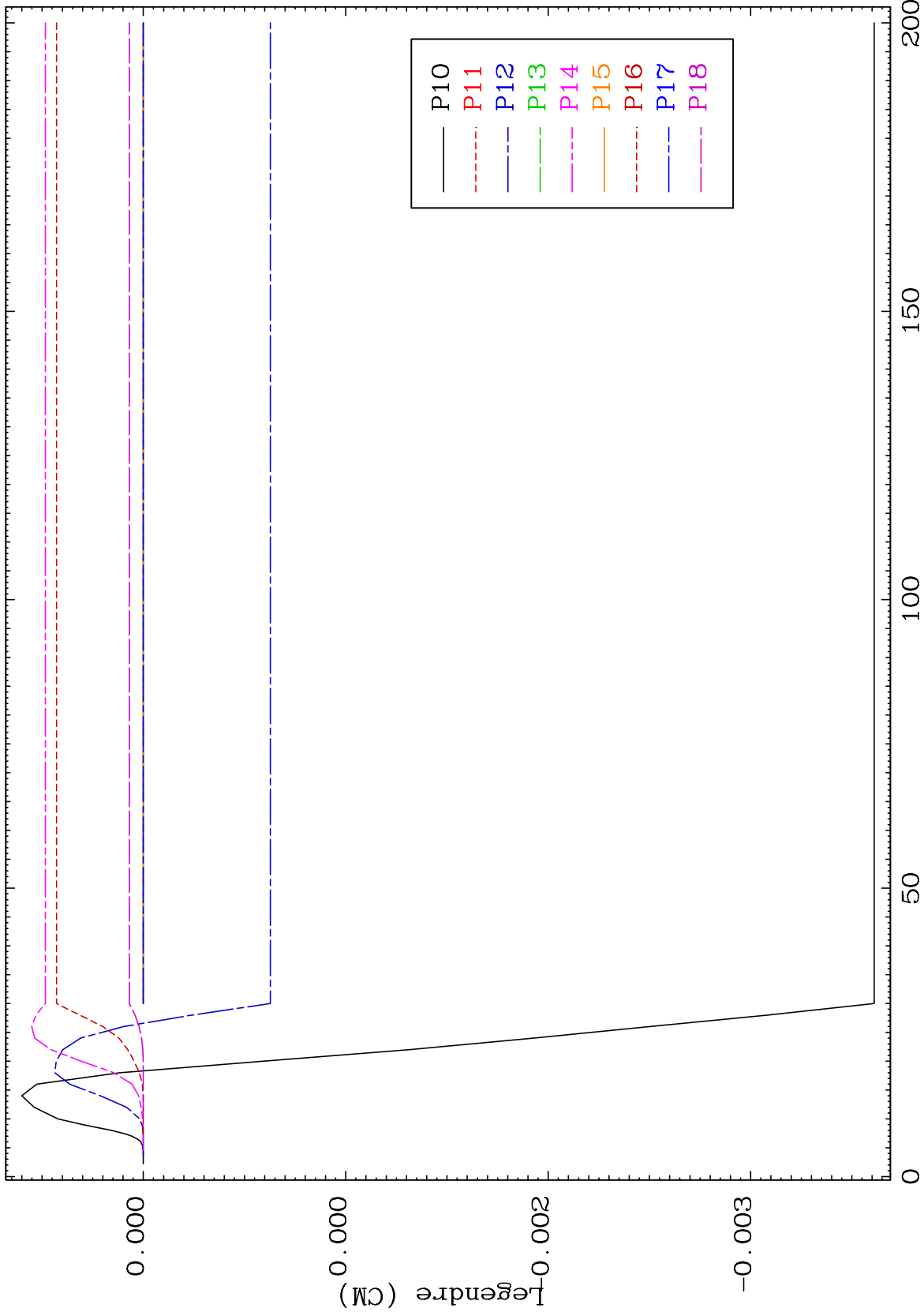
58-Ce-132



MAT 5813

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Legendre Coefficients

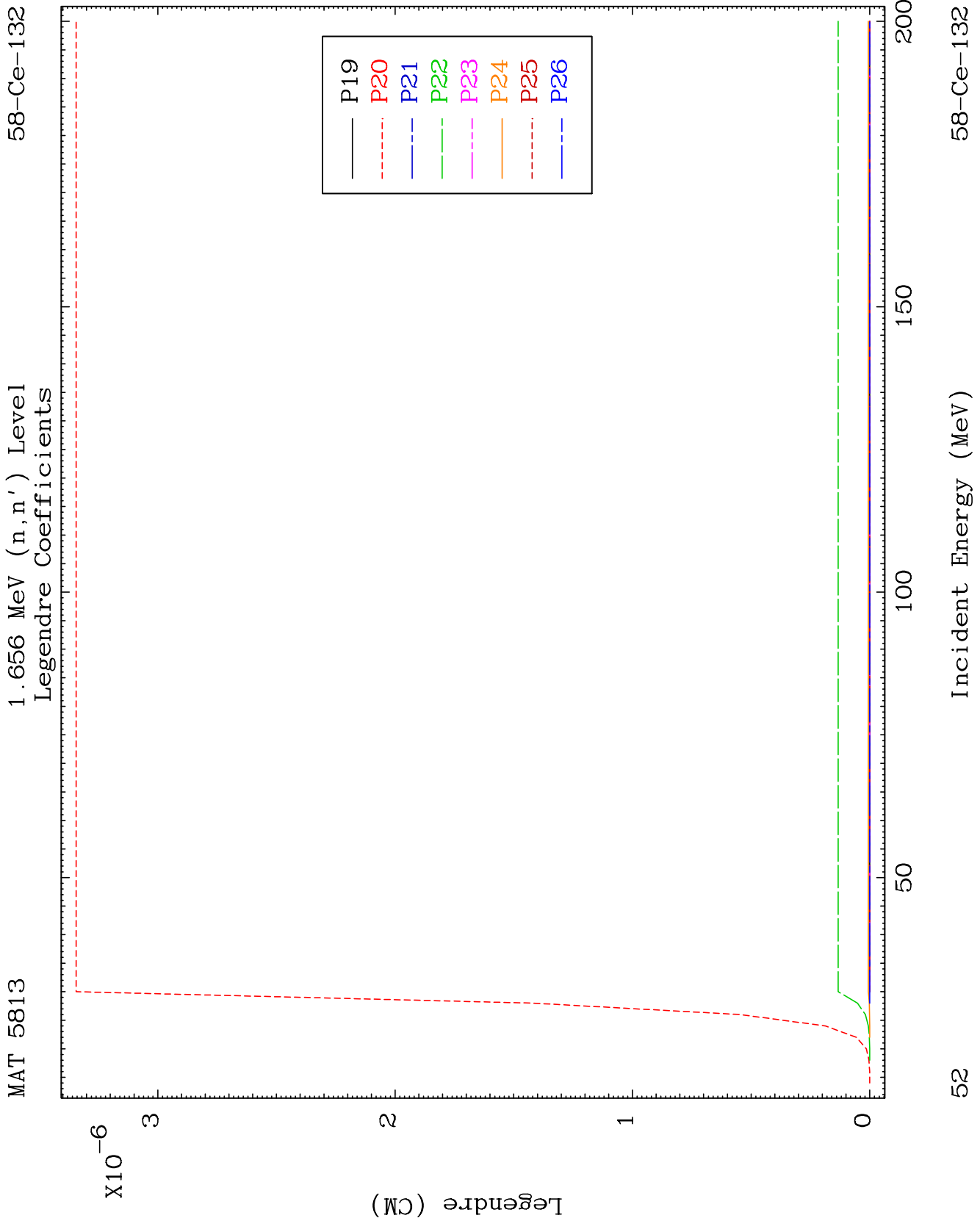
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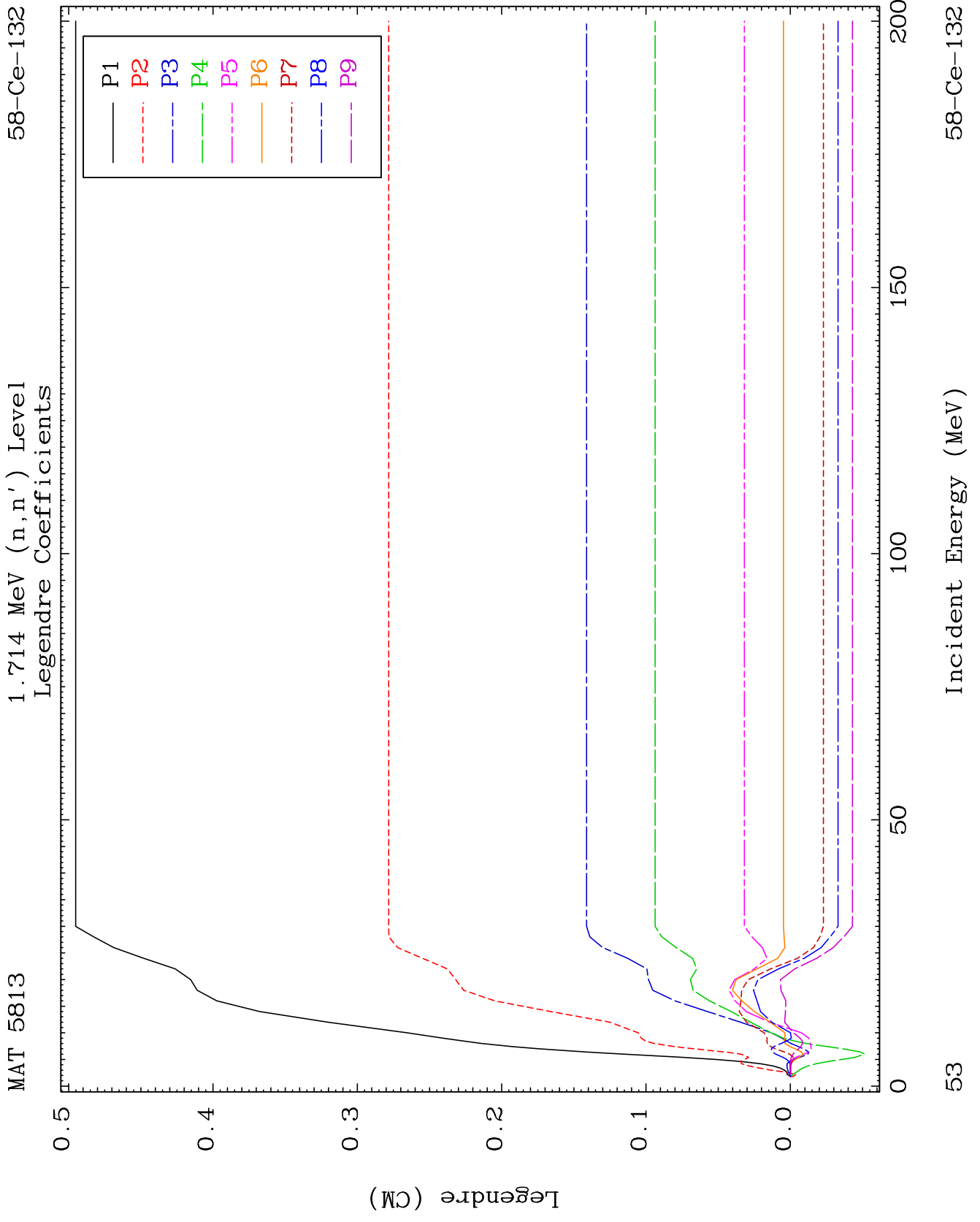


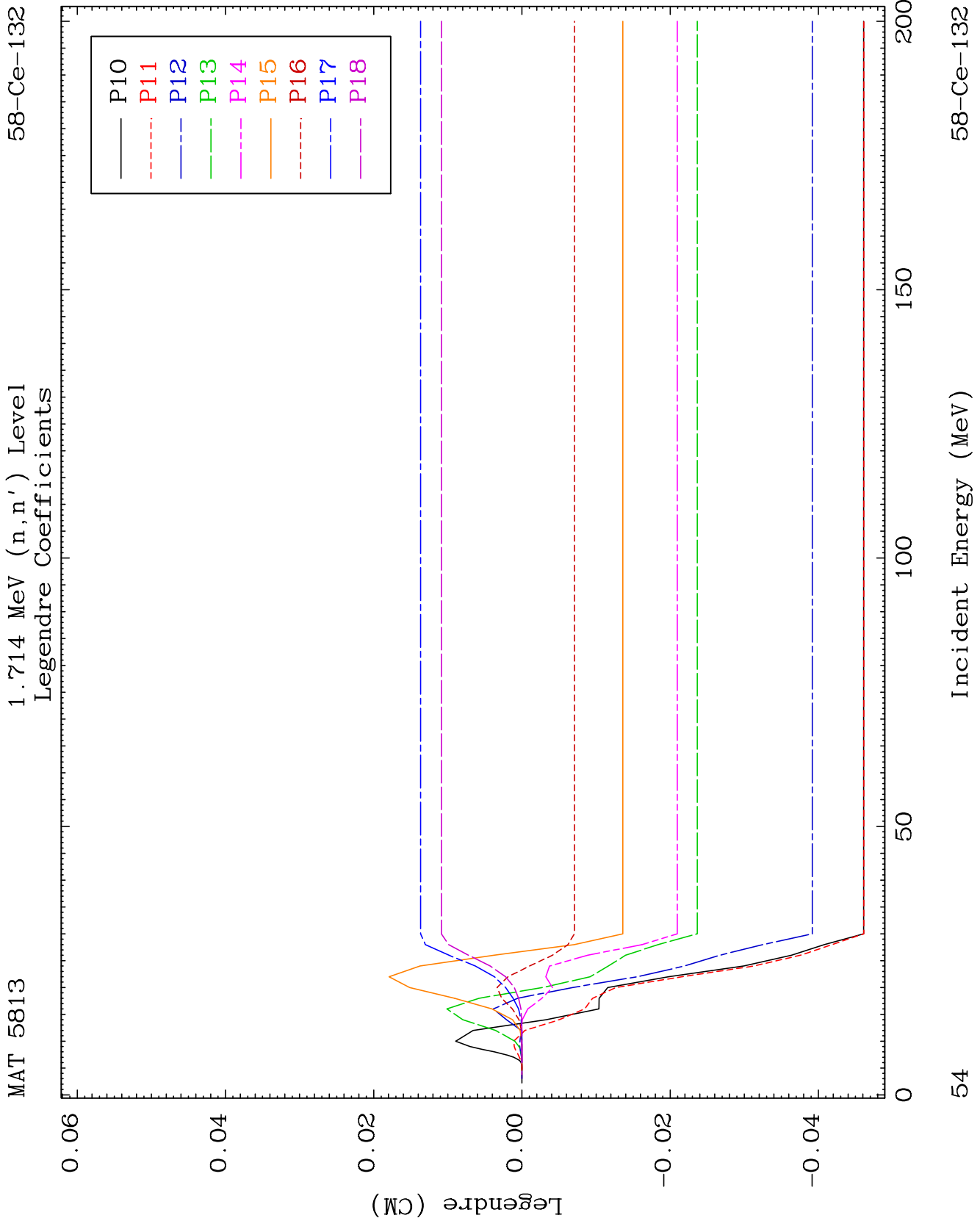
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Incident Energy (MeV)

58-Ce-132



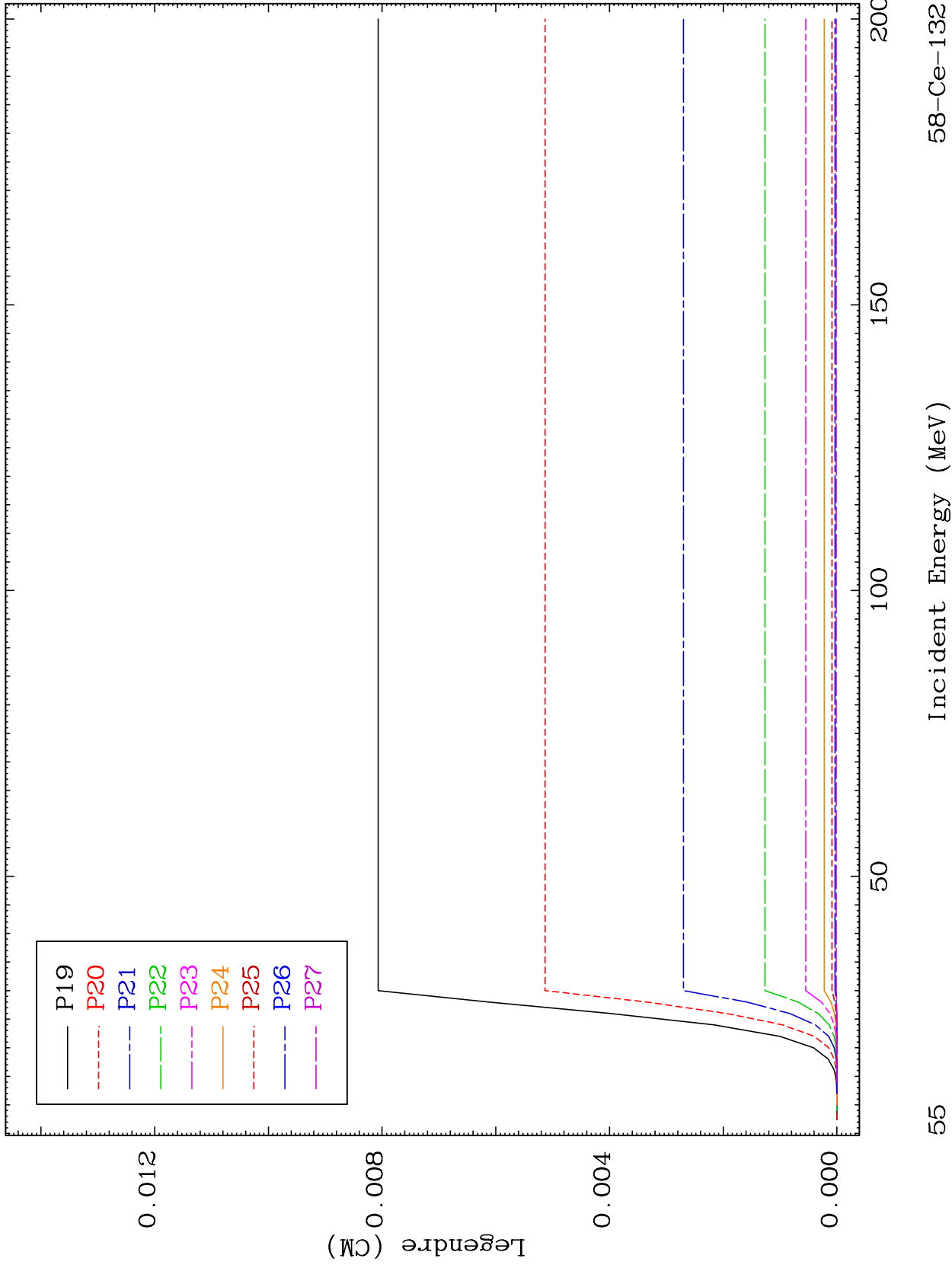




MAT 5813

1.714 MeV (n,n') Level
Legendre Coefficients

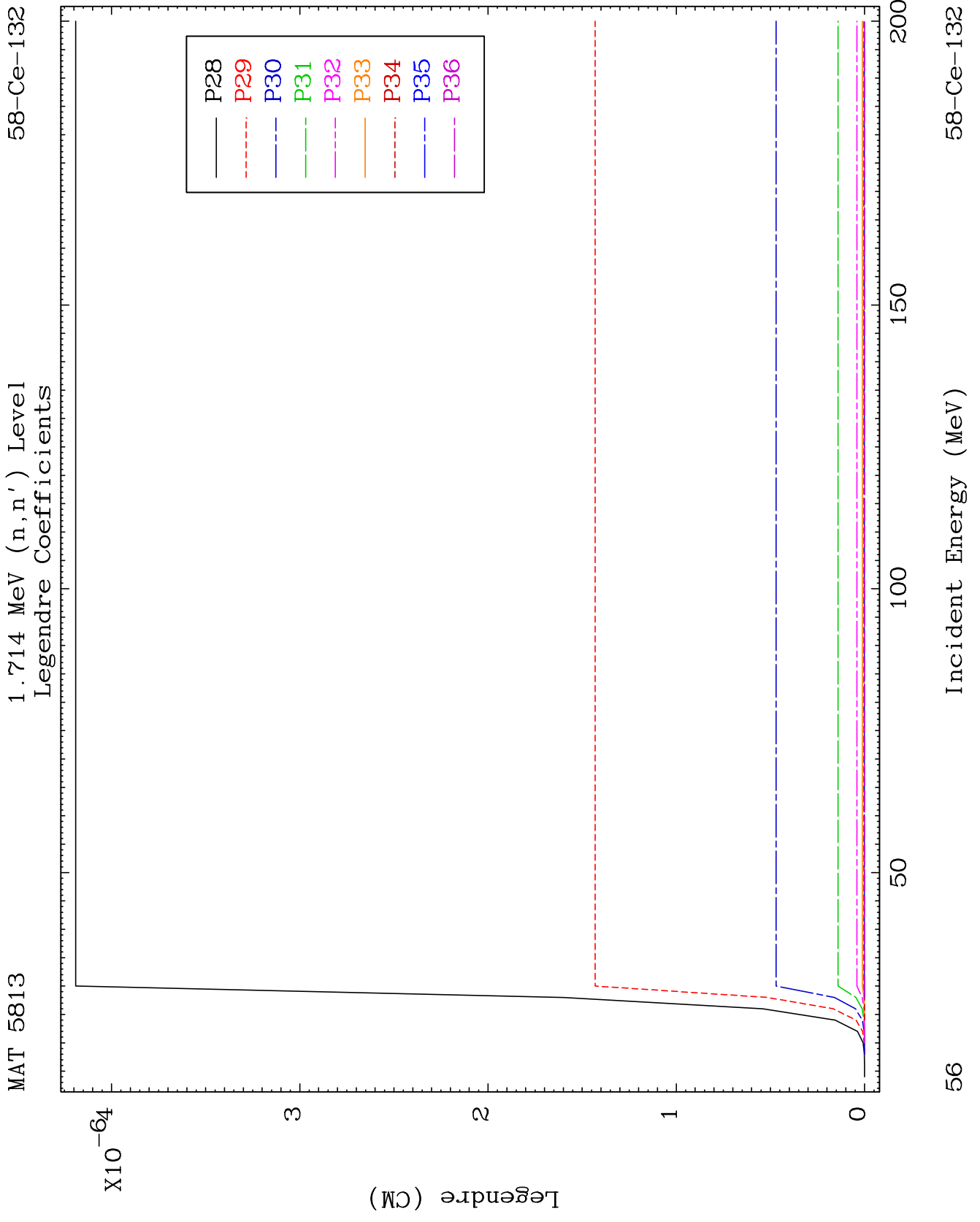
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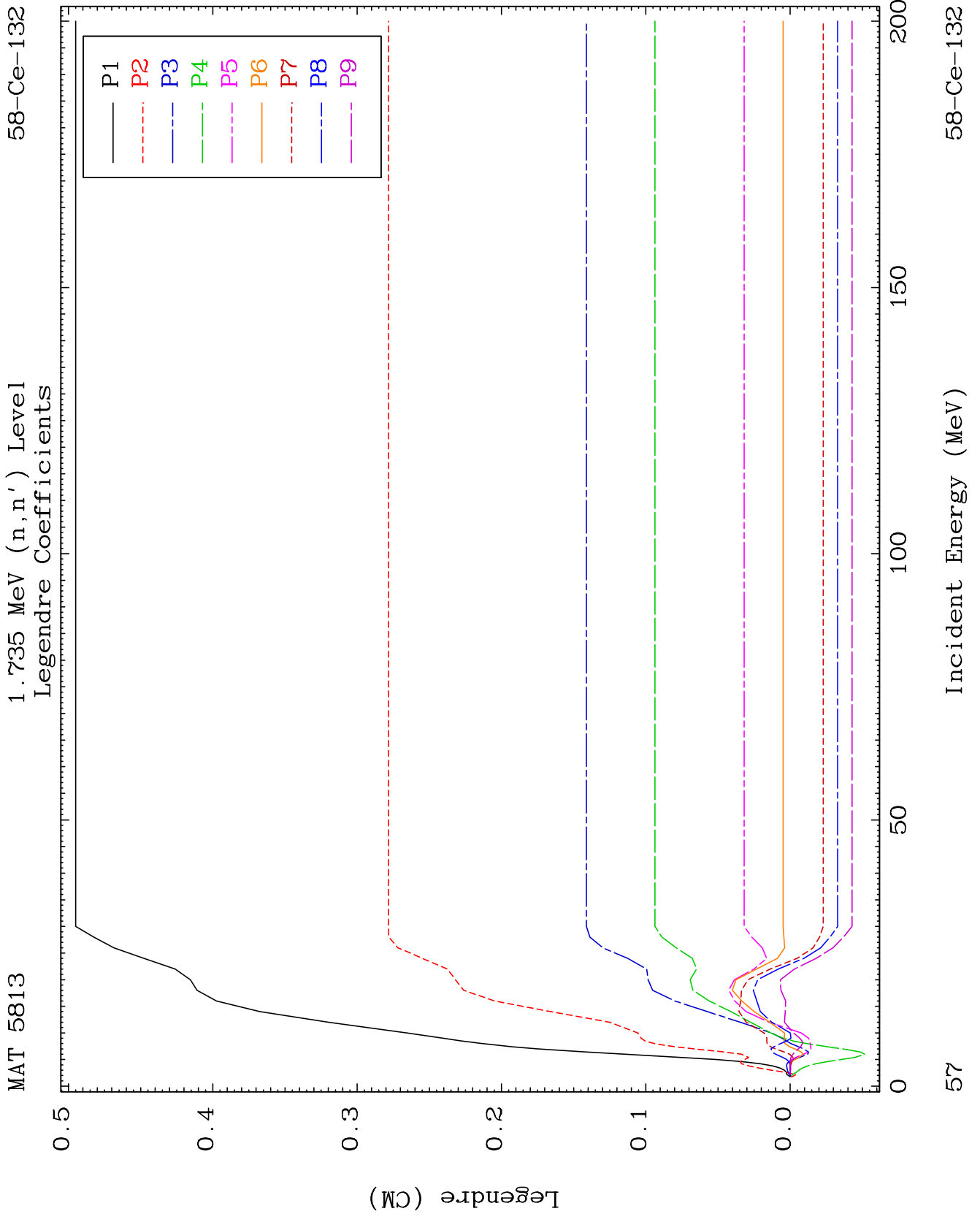


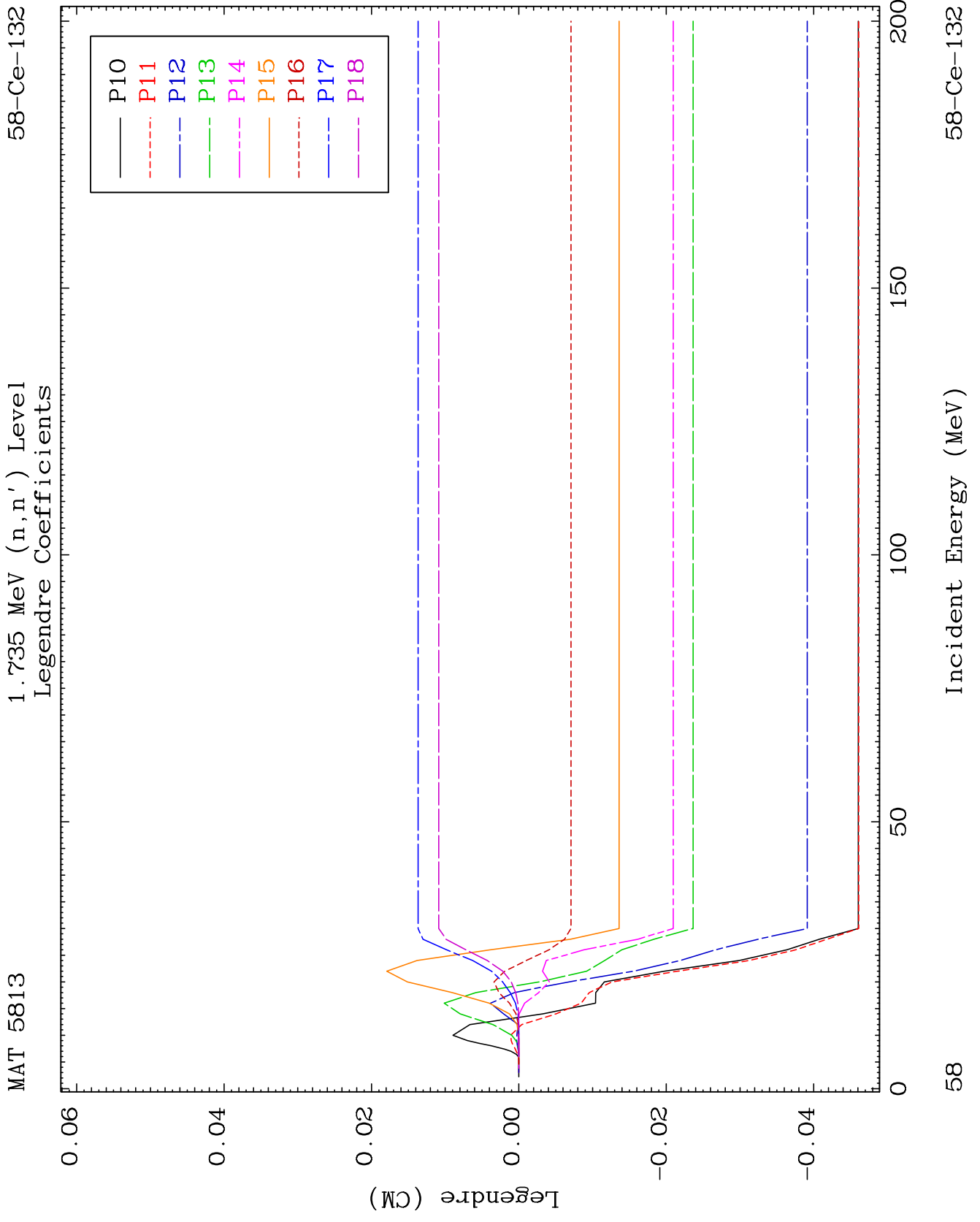
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Incident Energy (MeV)

58-Ce-132



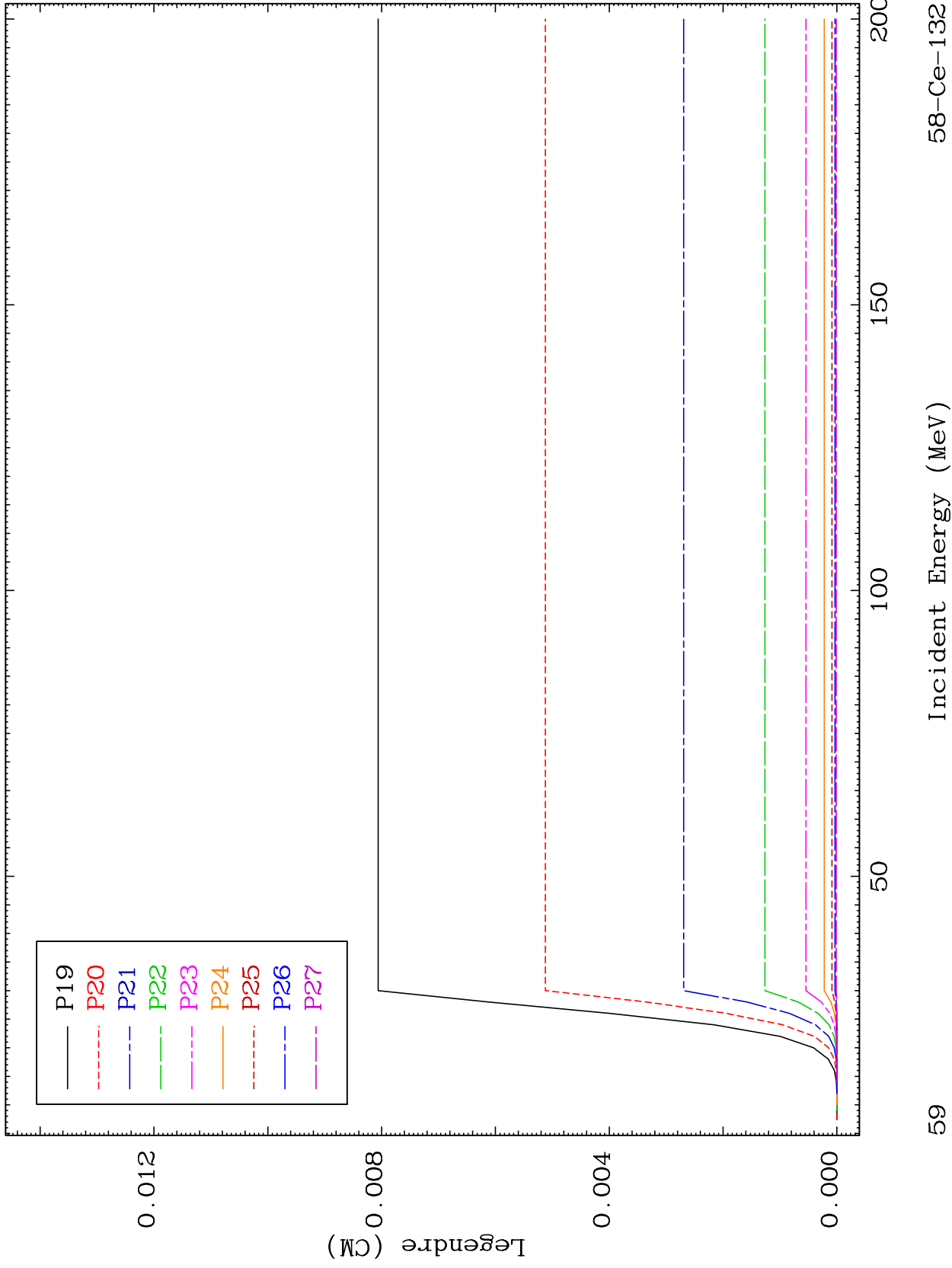




MAT 5813

1.735 MeV (n,n') Level
Legendre Coefficients

58-Ce-132



59

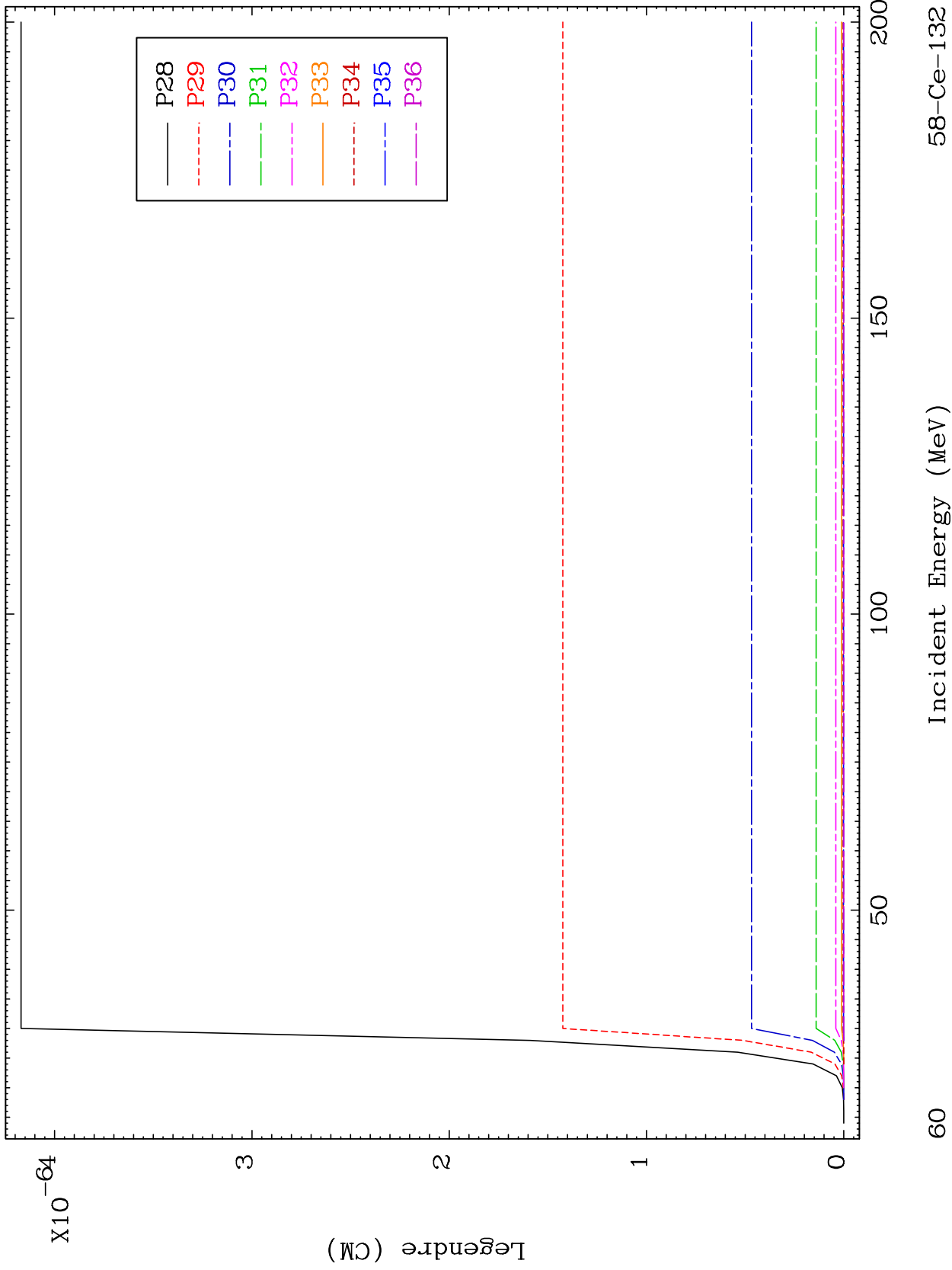
Incident Energy (MeV)

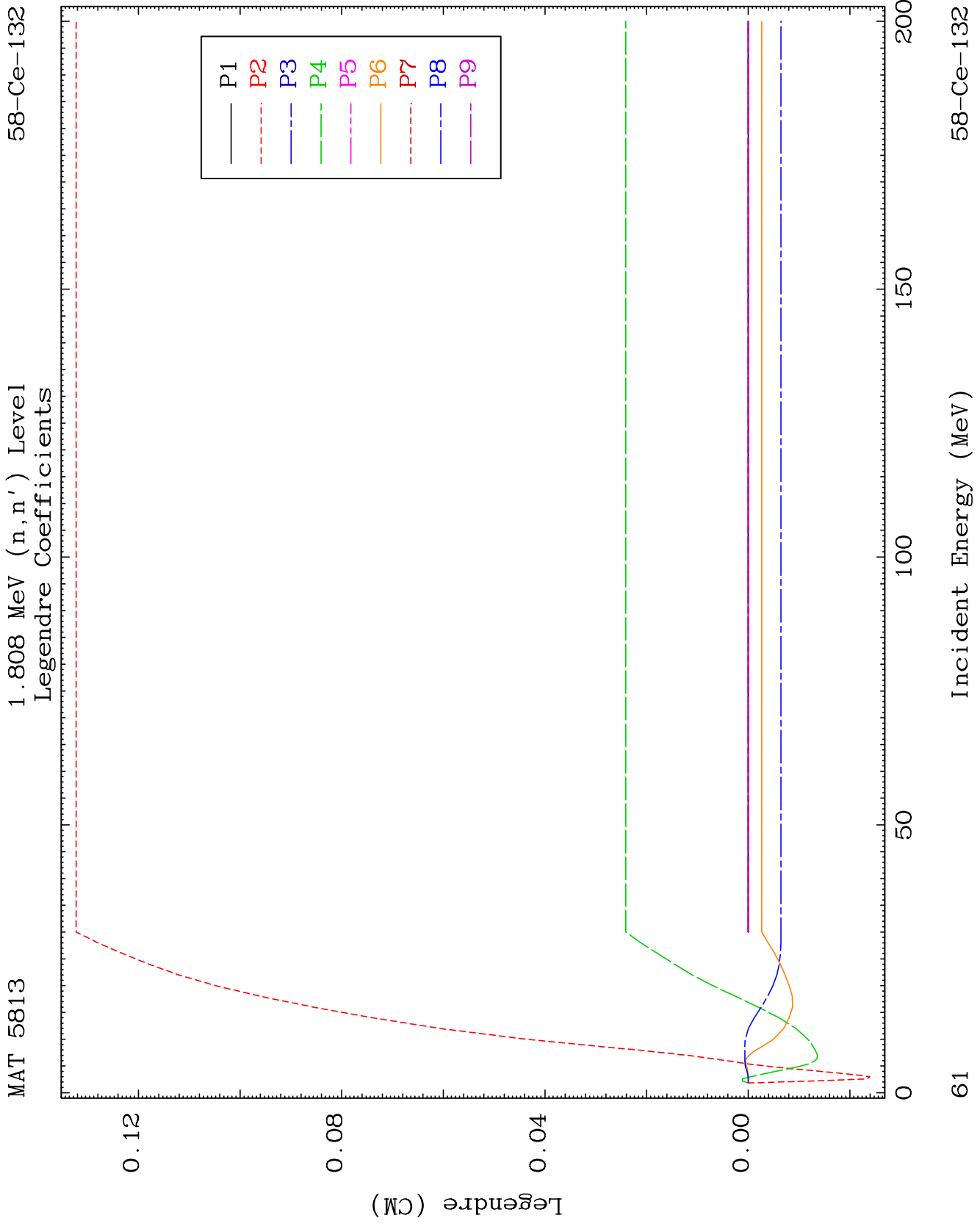
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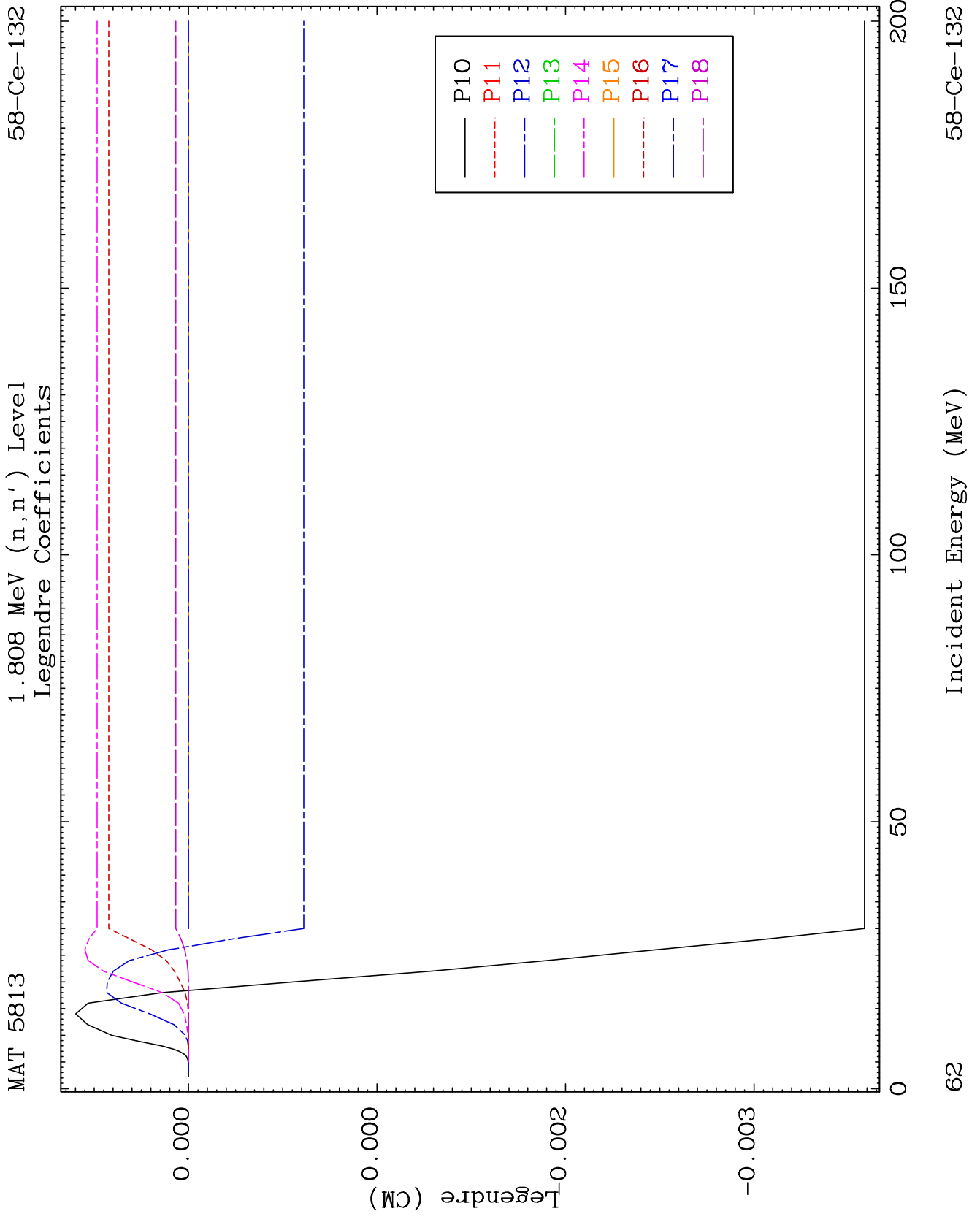
MAT 5813

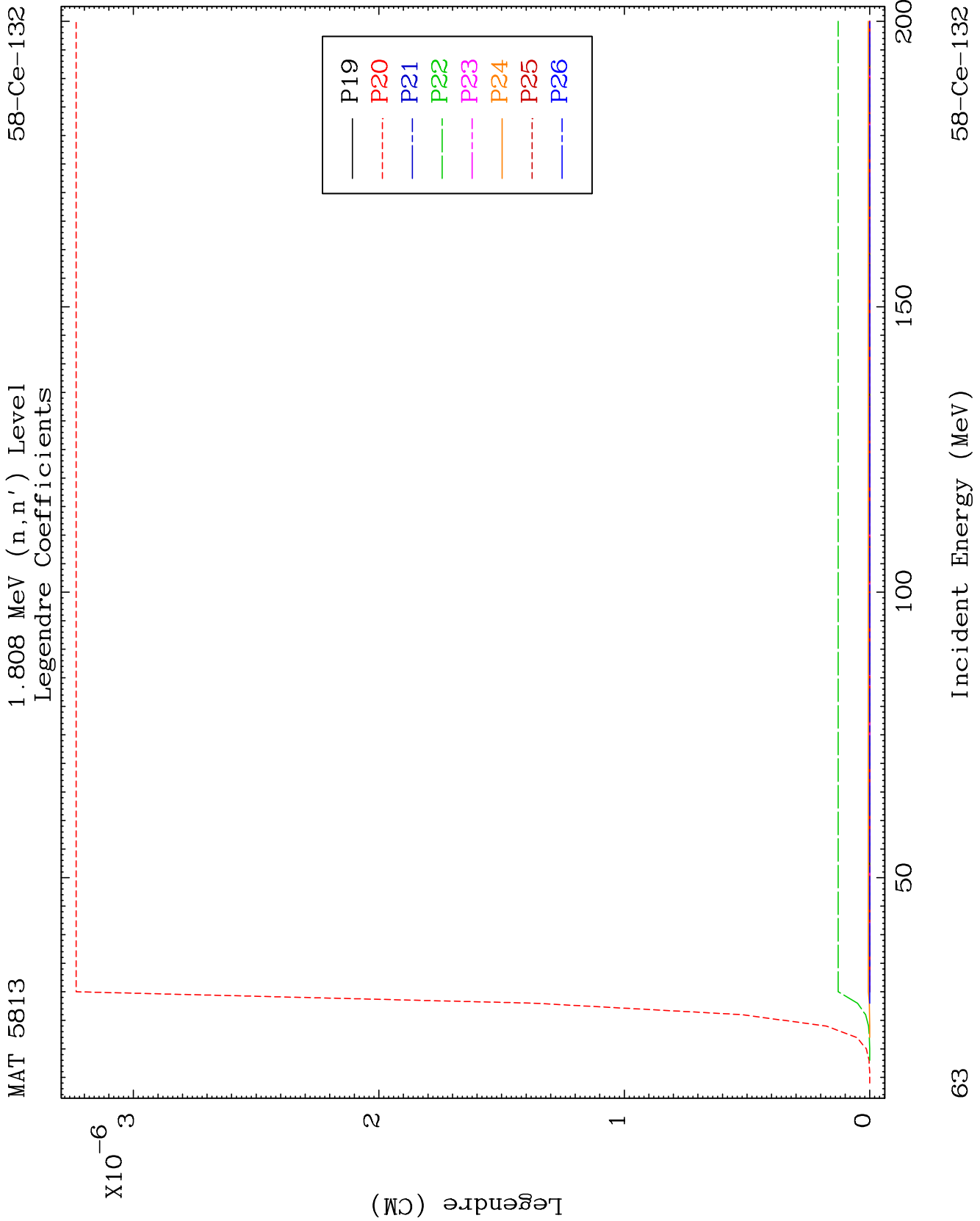
1.735 MeV (n,n') Level
Legendre Coefficients

58-Ce-132





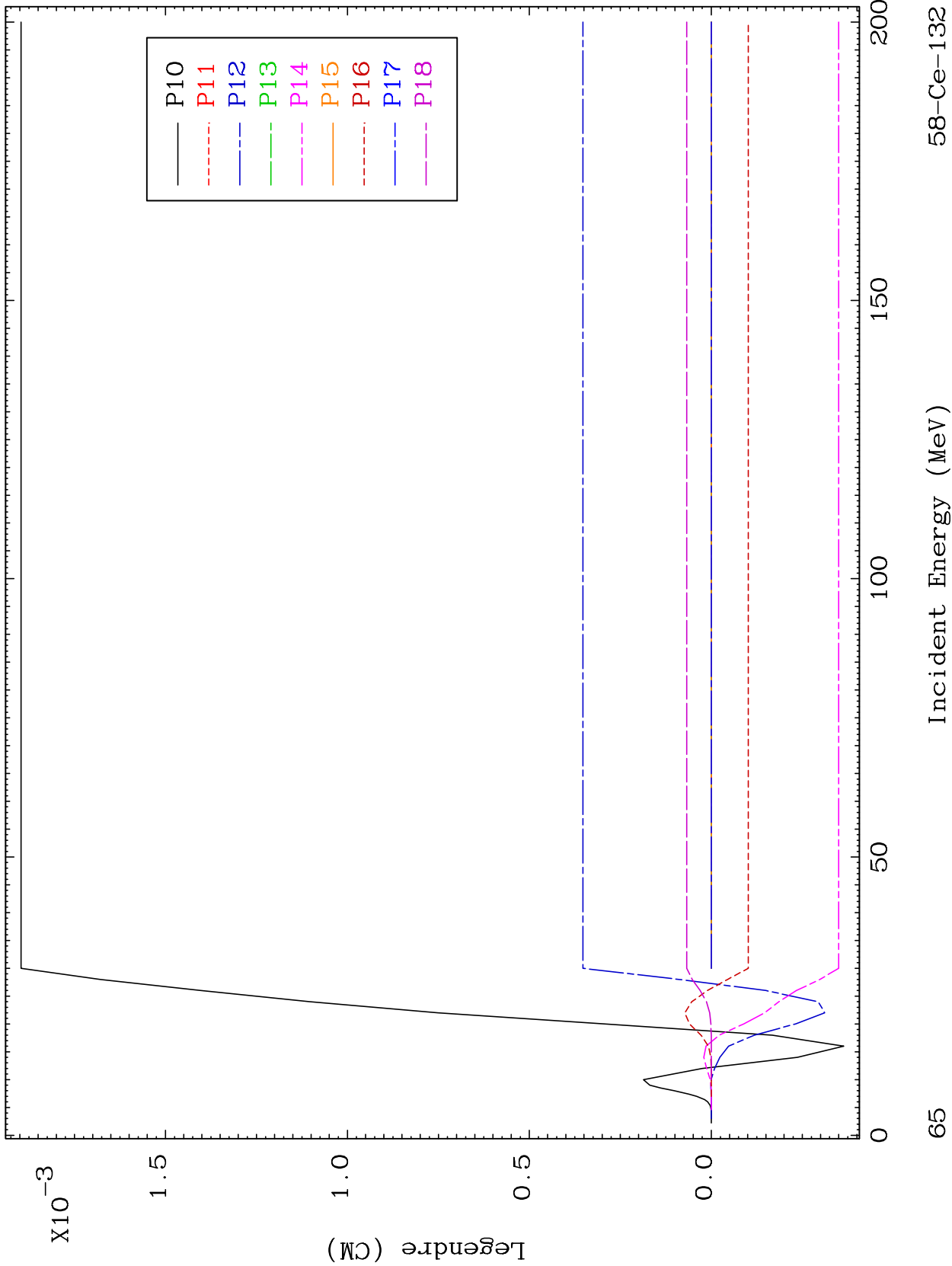




MAT 5813

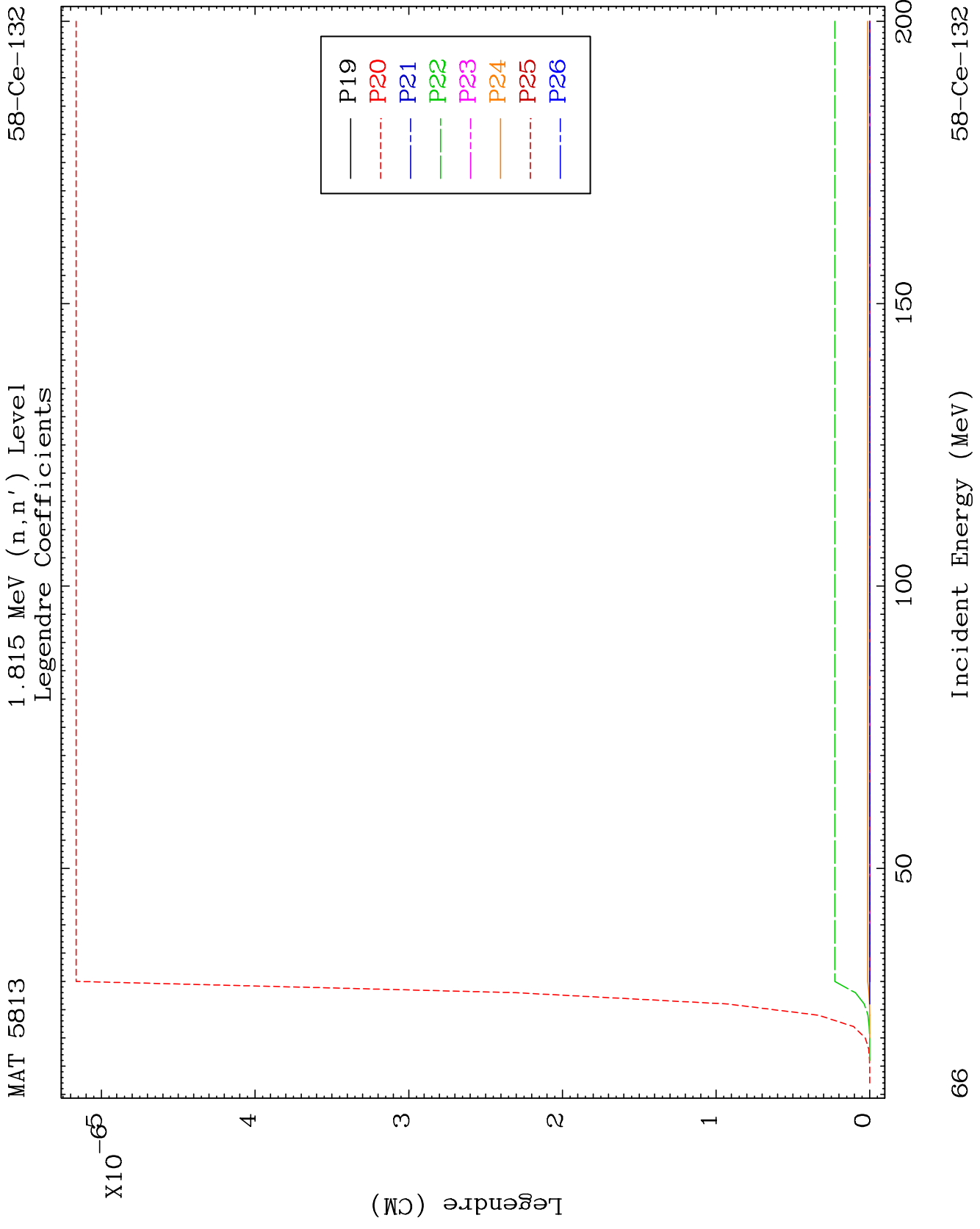
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Legendre Coefficients

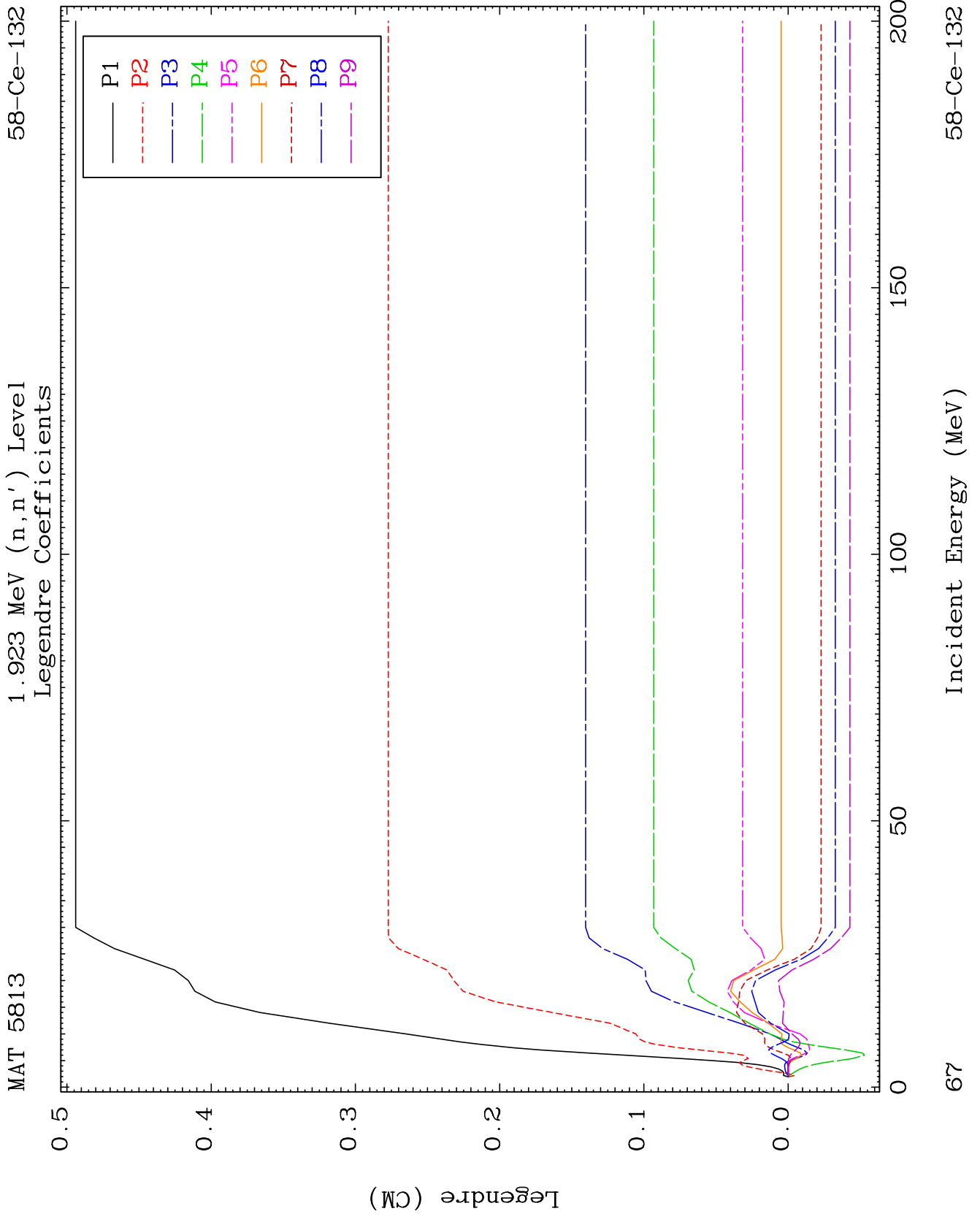
58-Ce-132

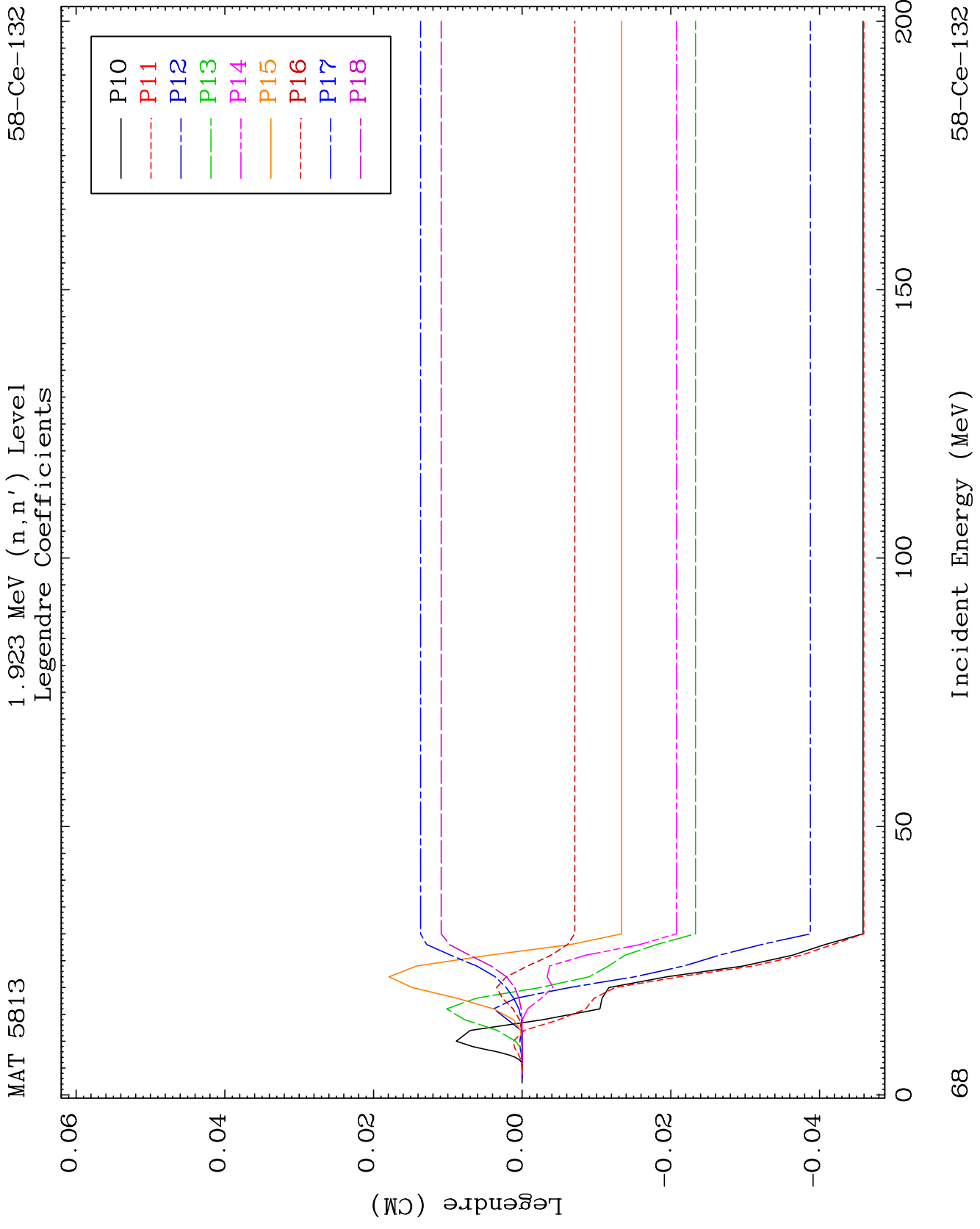


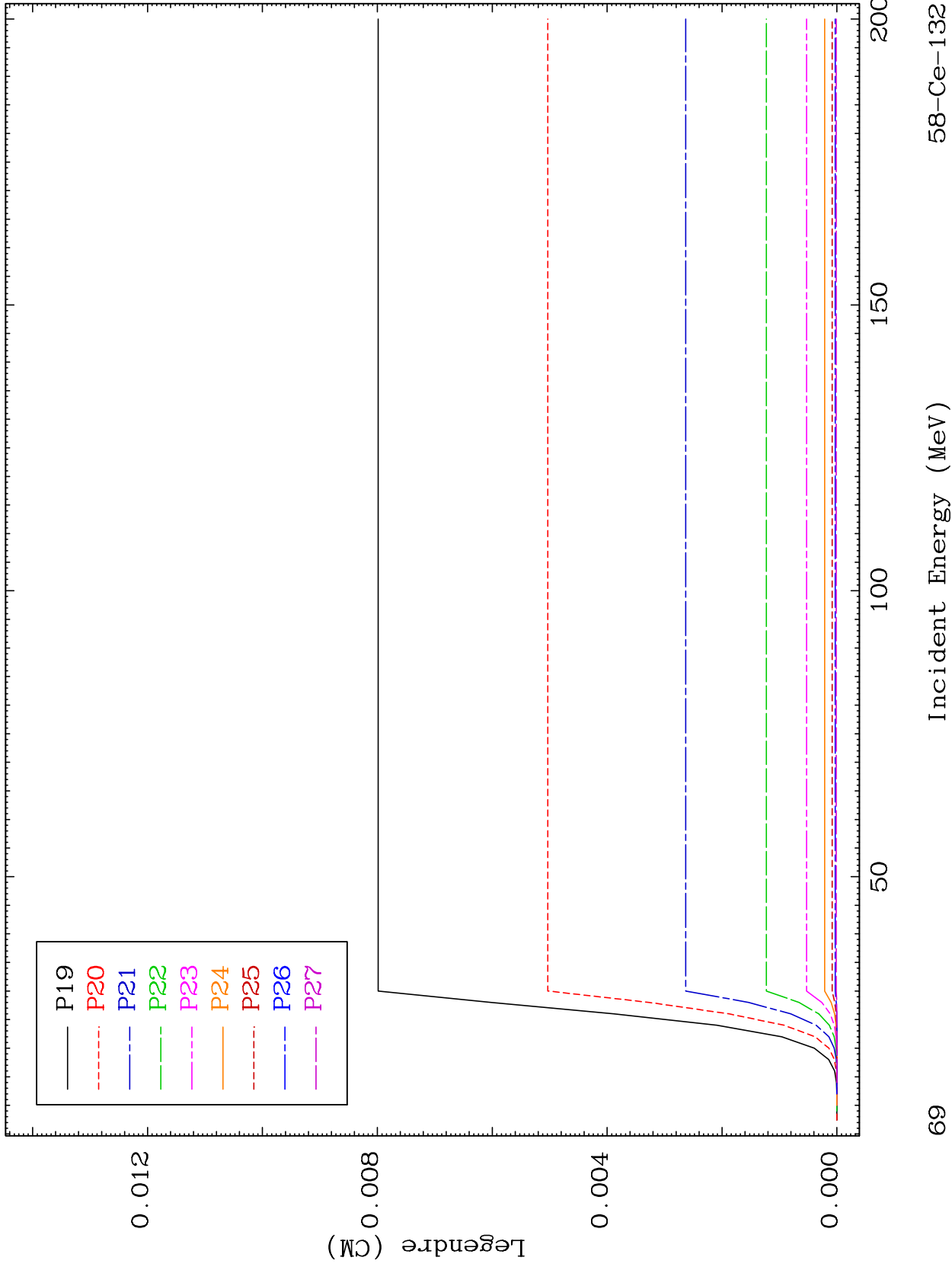
65

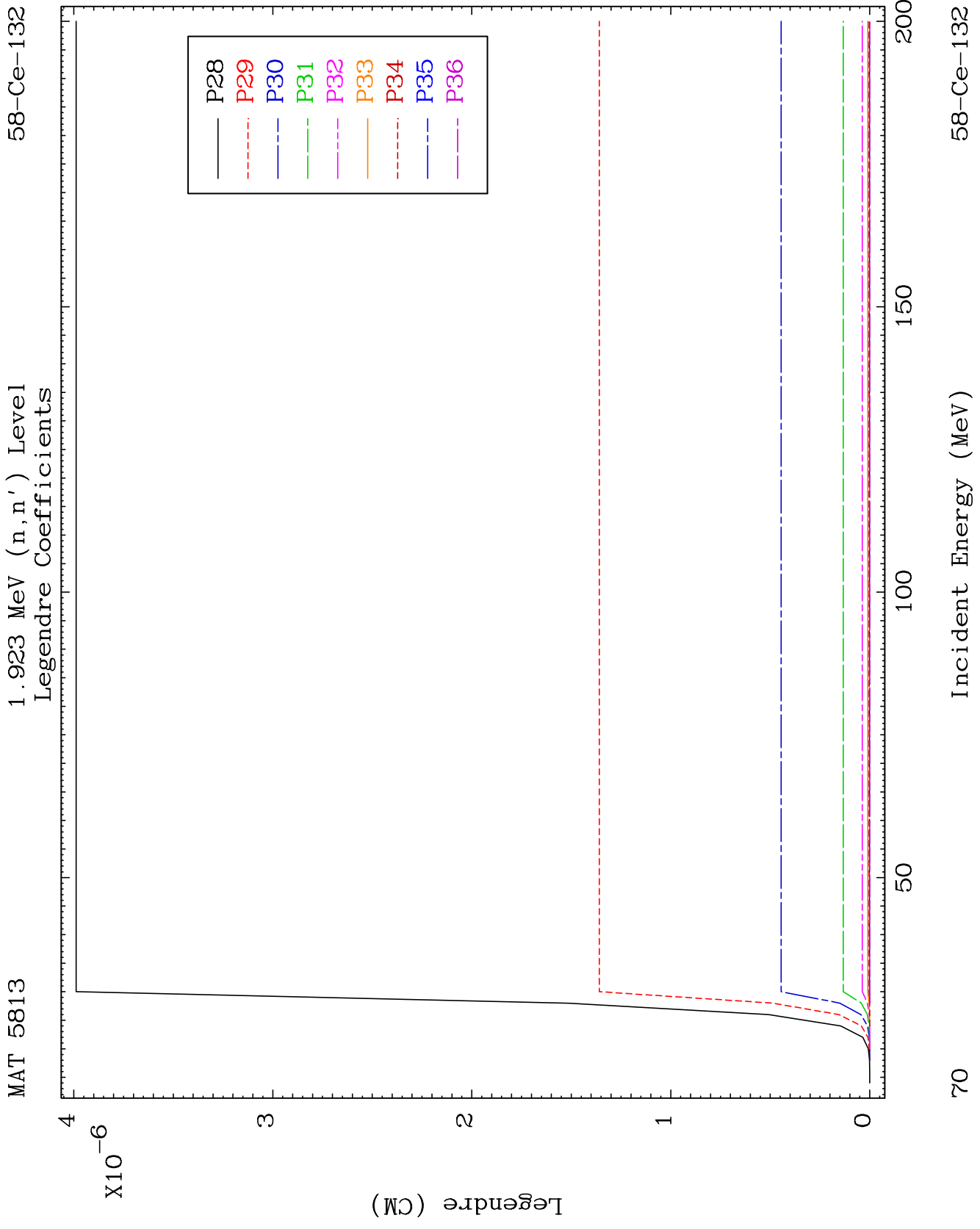
58-Ce-132







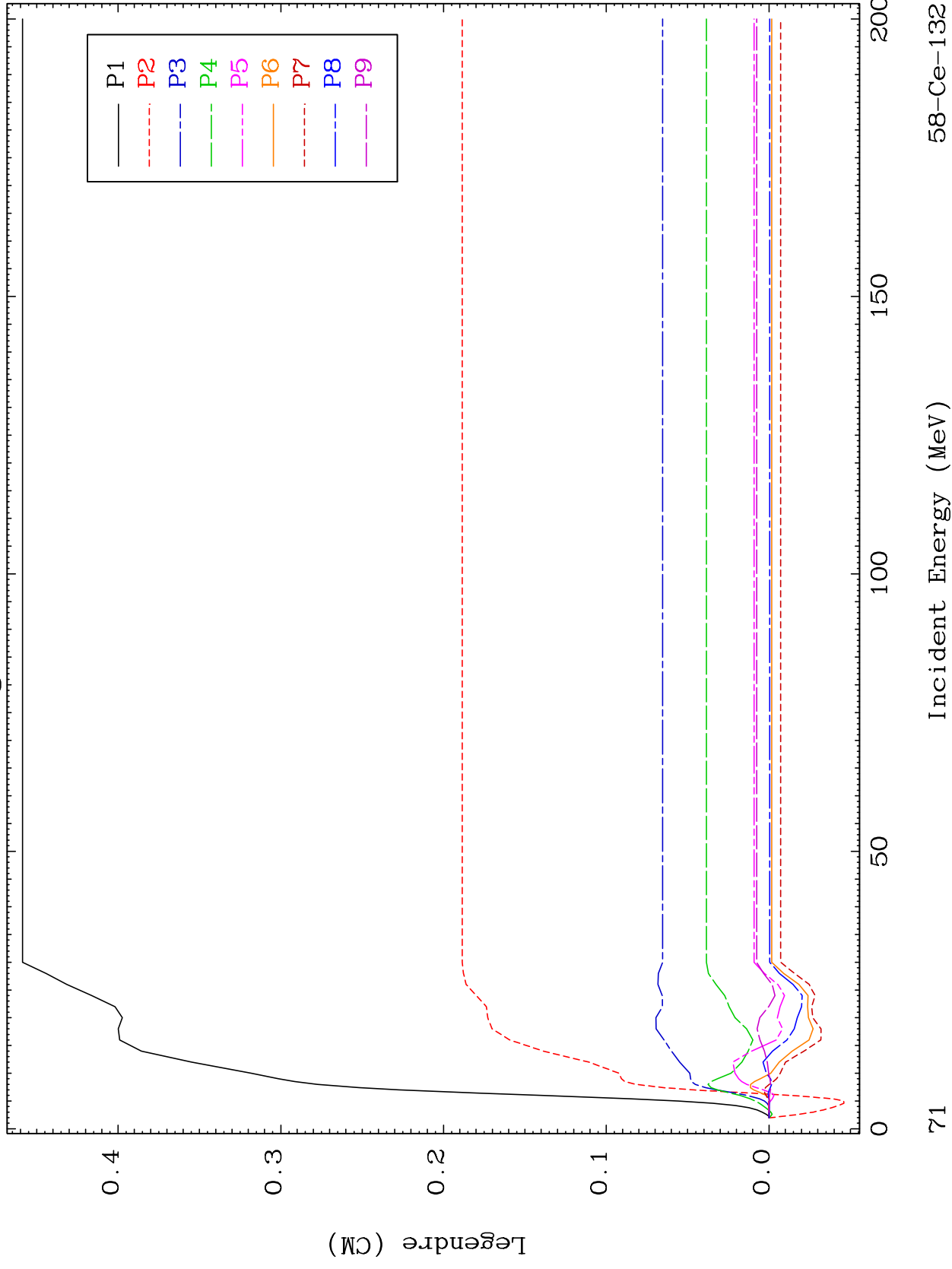




MAT 5813

1.932 MeV (n,n') Level
Legendre Coefficients

58-Ce-132



58-Ce-132

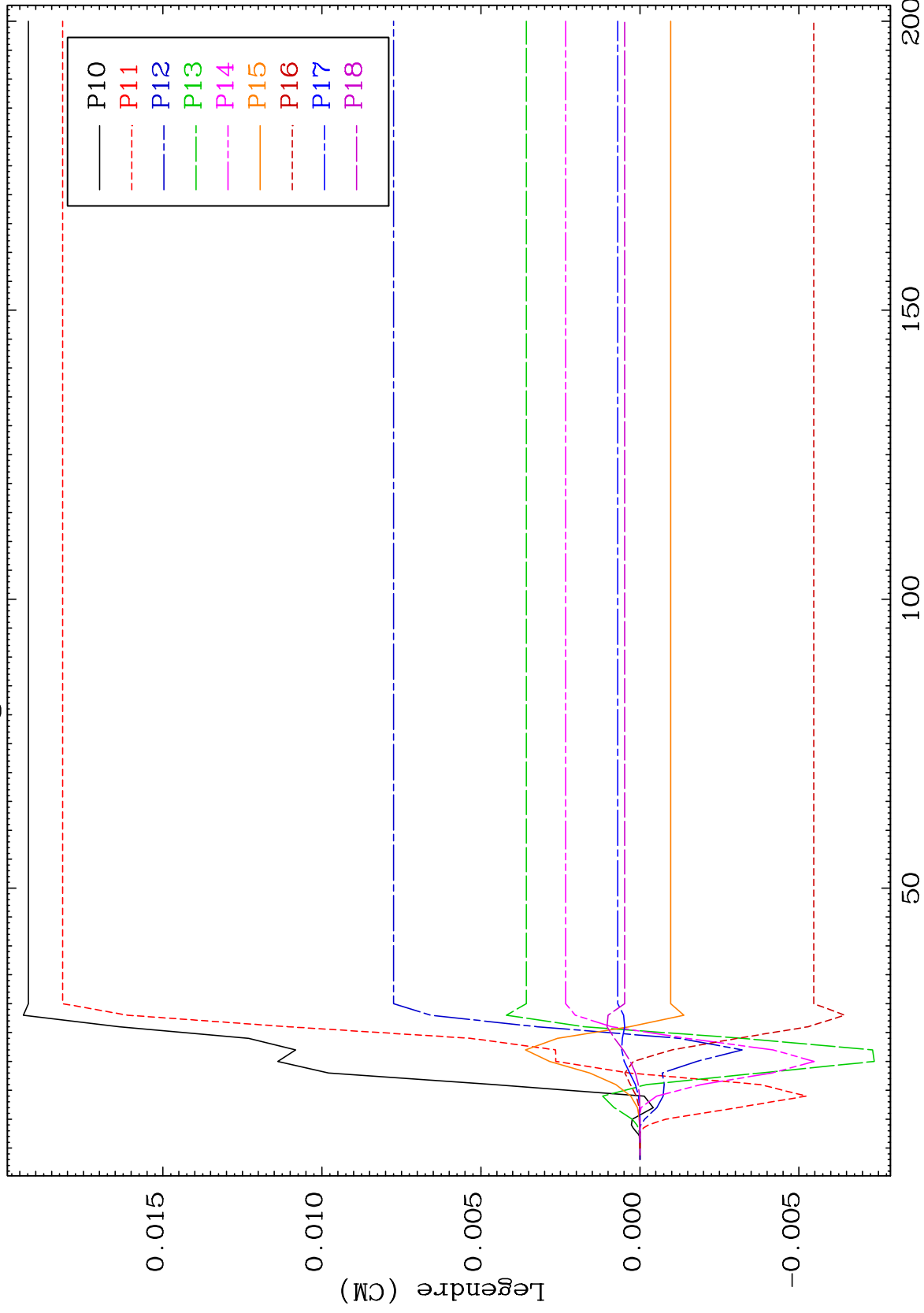
Incident Energy (MeV)

71

MAT 5813

1.932 MeV (n,n') Level
Legendre Coefficients

58-Ce-132



72

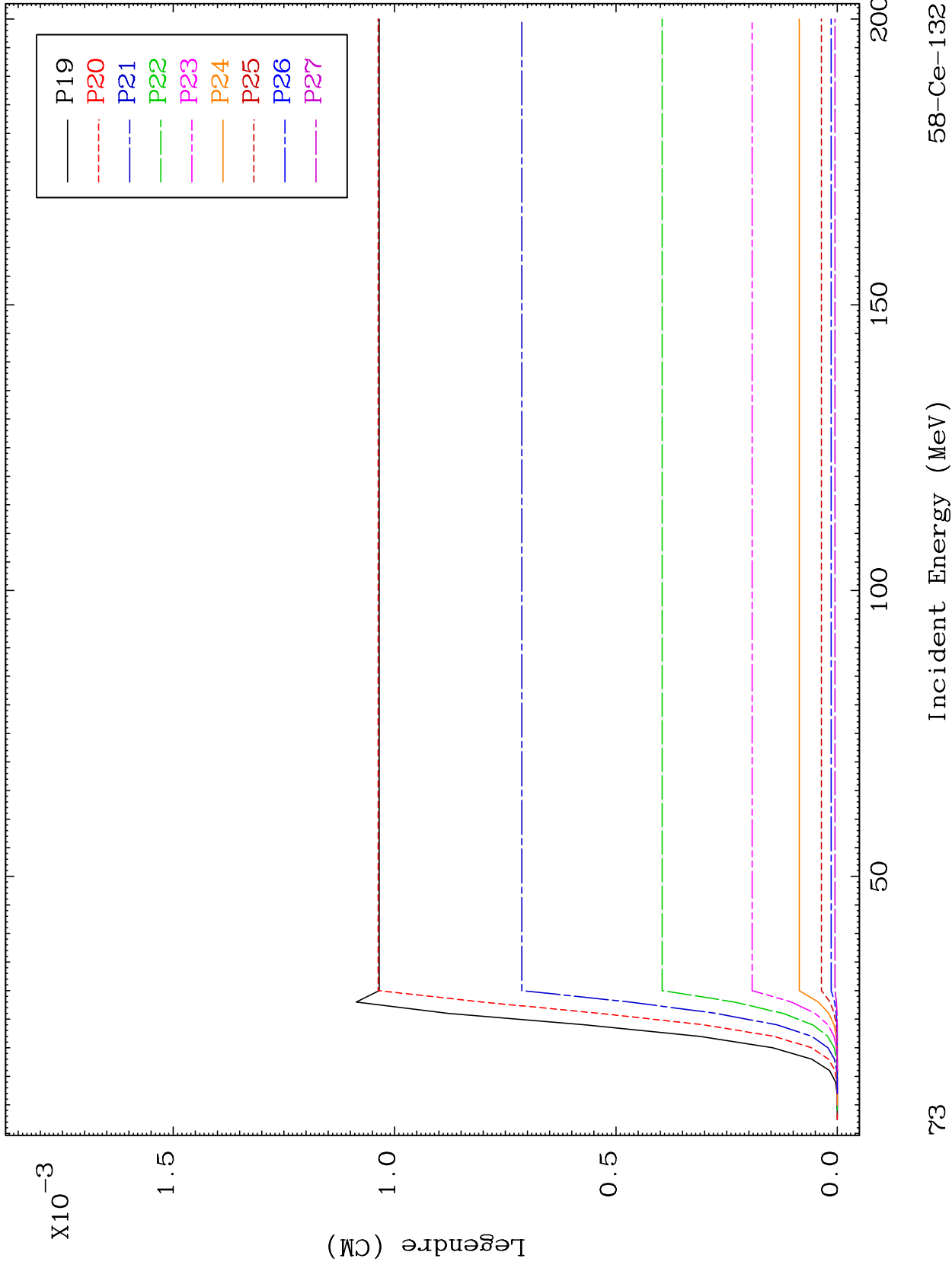
Incident Energy (MeV)

58-Ce-132

MAT 5813

1.932 MeV (n,n') Level
Legendre Coefficients

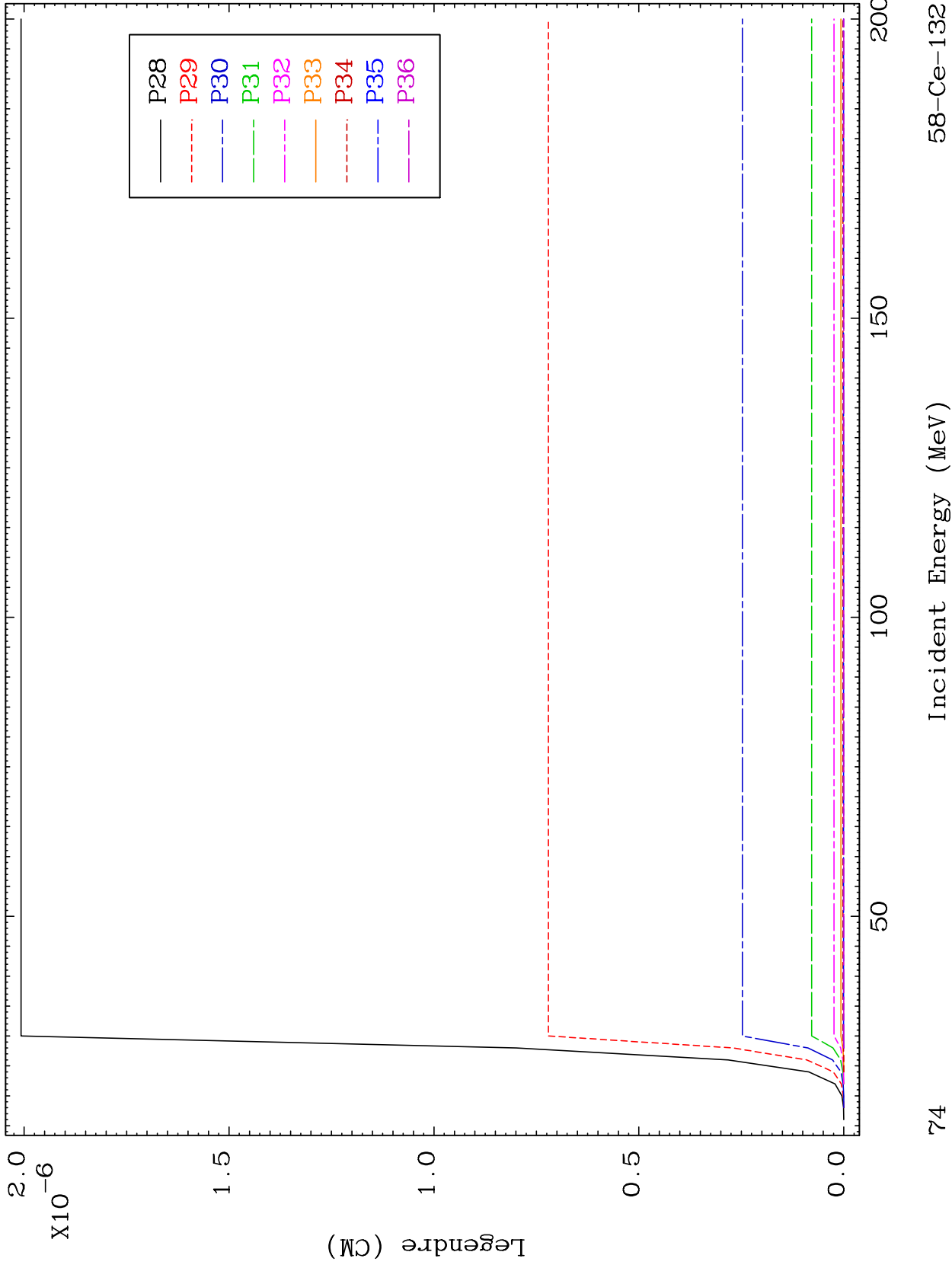
58-Ce-132

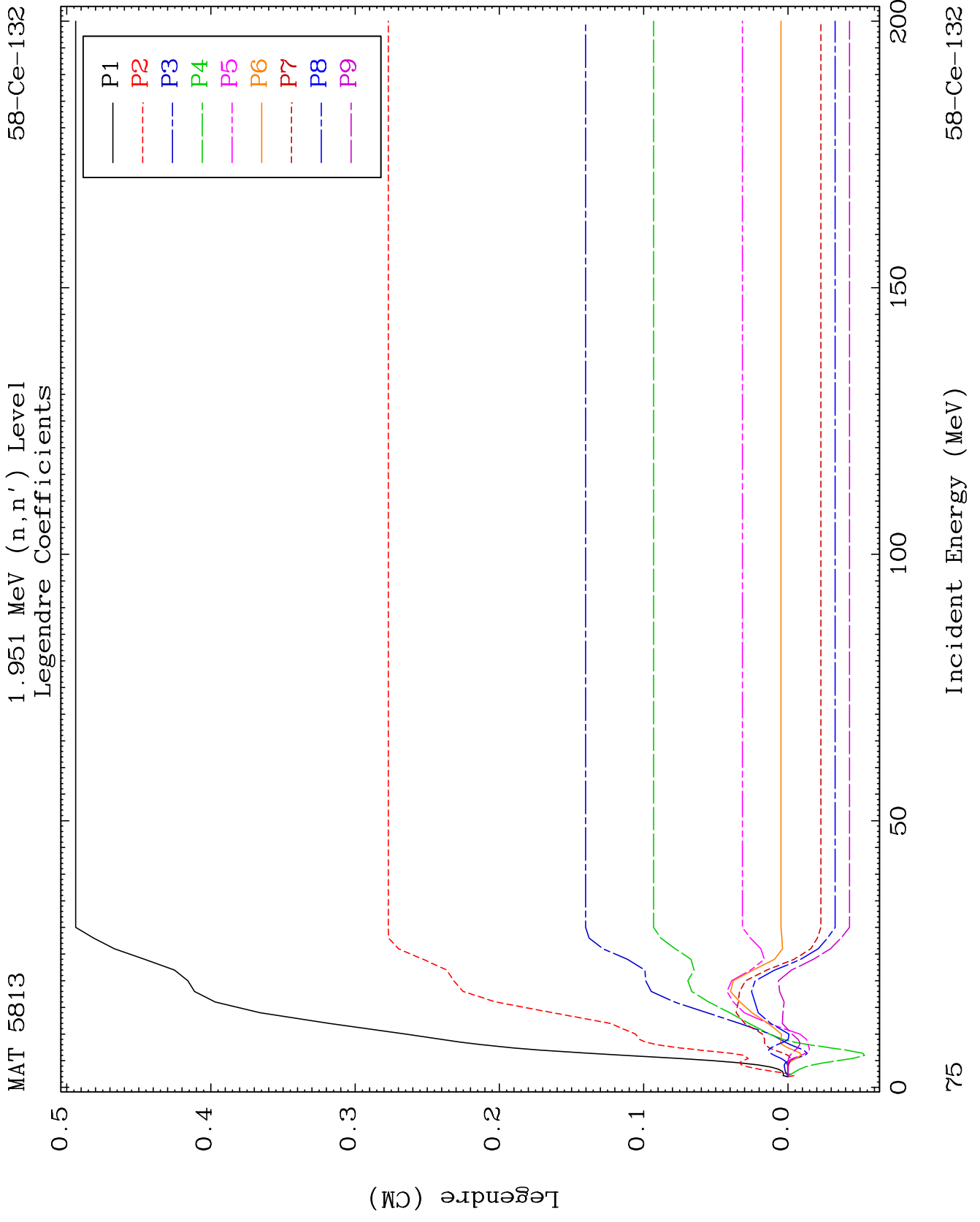


MAT 5813

1.932 MeV (n,n') Level
Legendre Coefficients

58-Ce-132

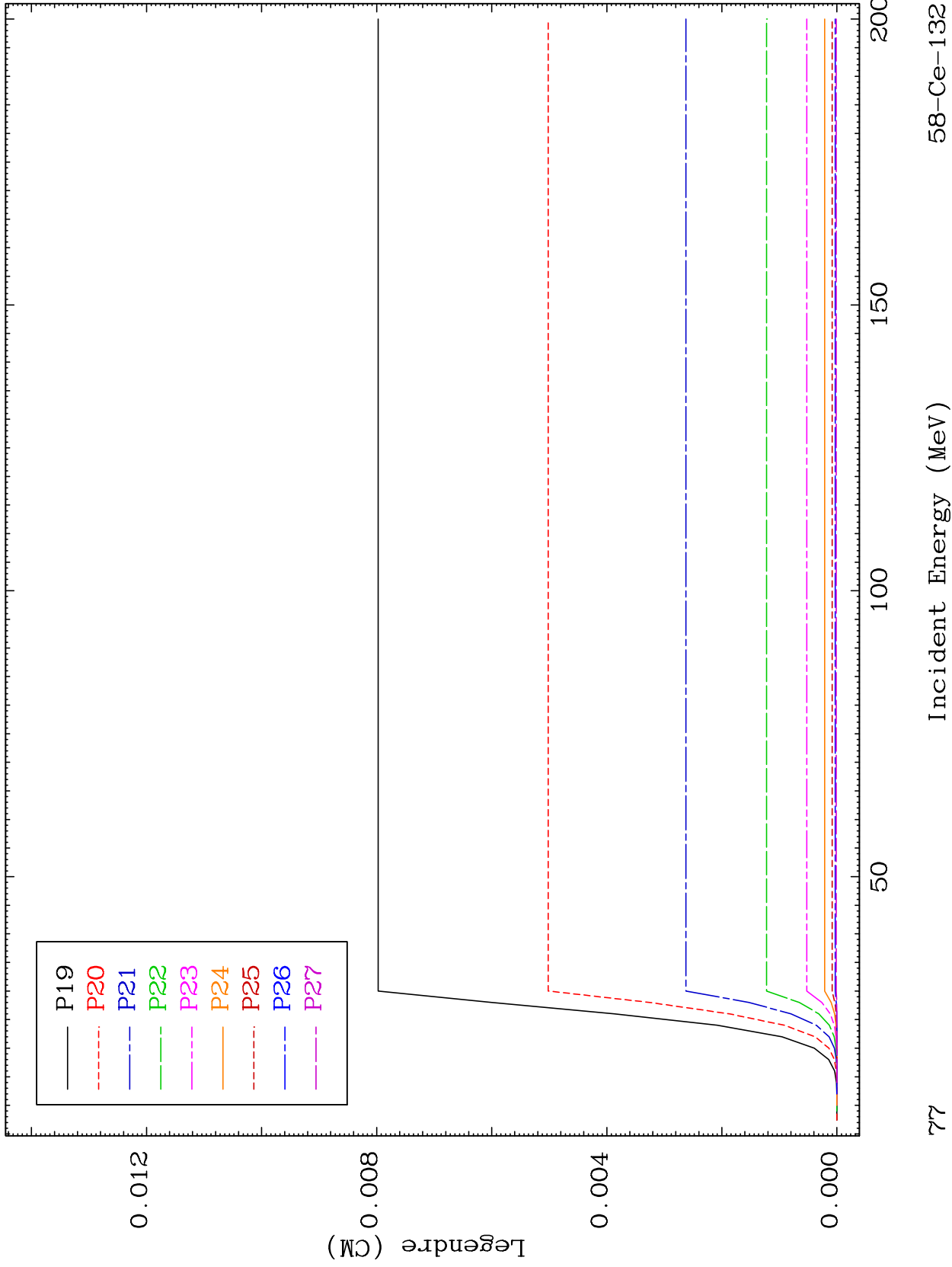




MAT 5813

1.951 MeV (n,n') Level
Legendre Coefficients

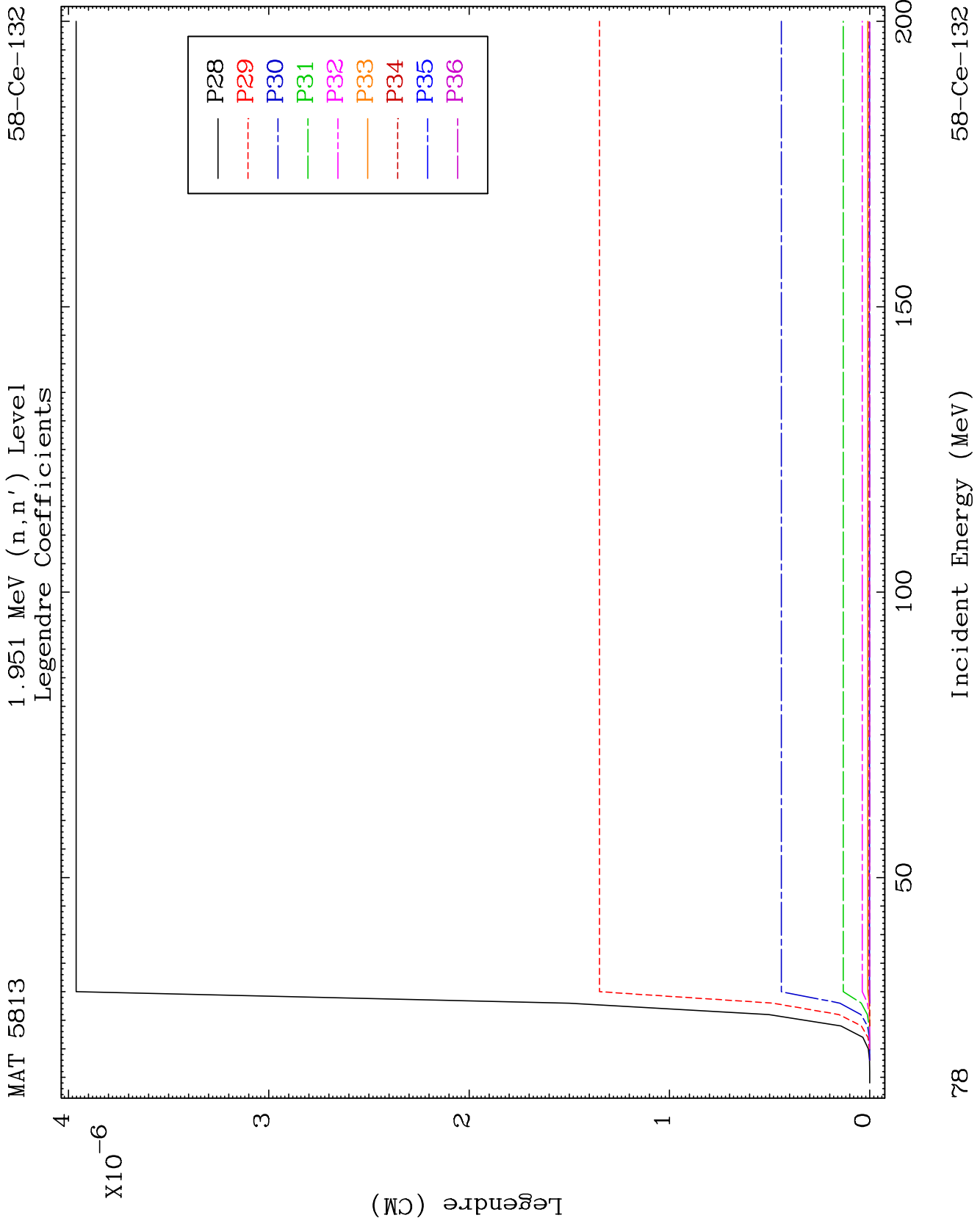
58-Ce-132



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Incident Energy (MeV)

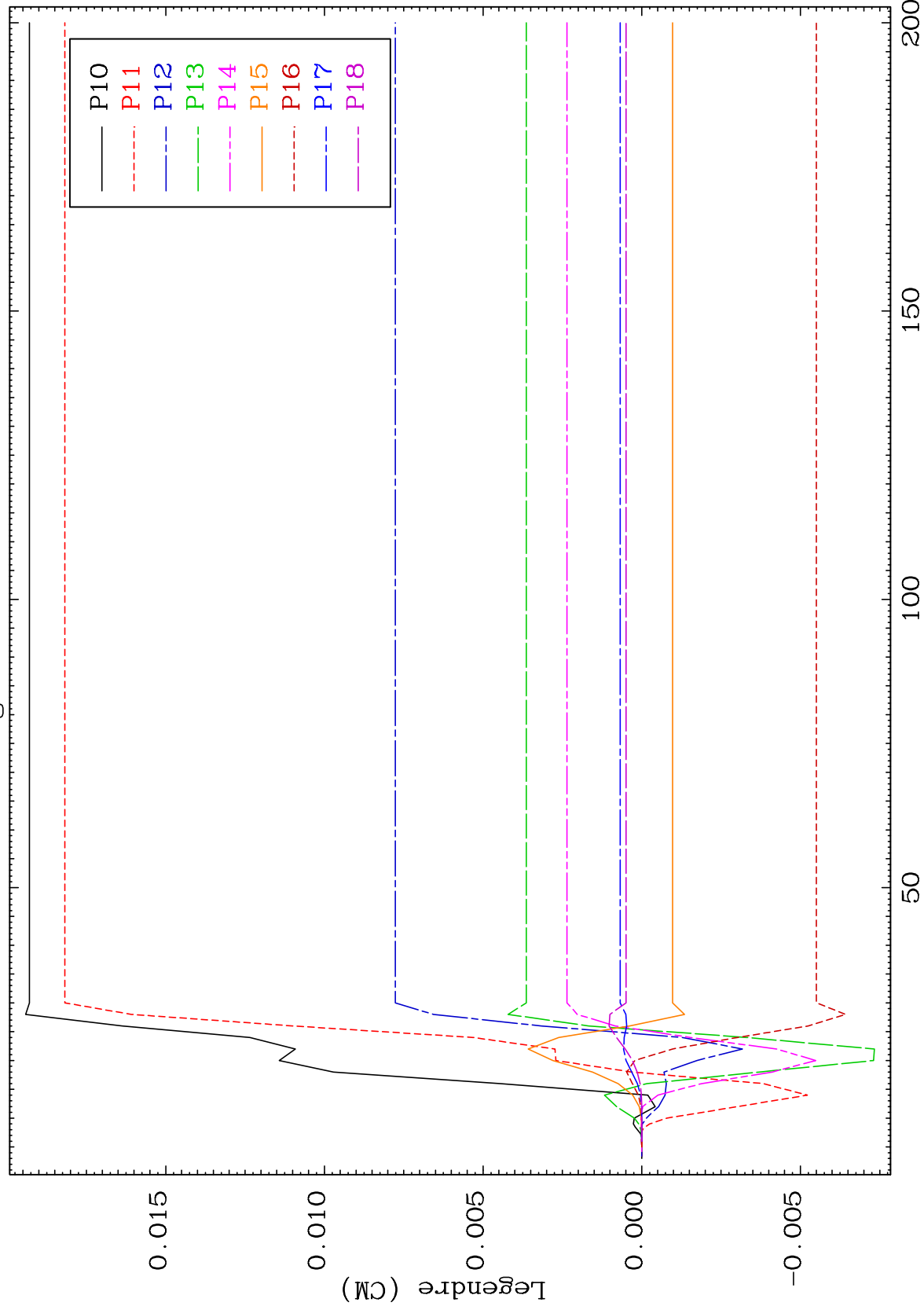
58-Ce-132



MAT 5813

1.996 MeV (n,n') Level Legendre Coefficients

58-Ce-132



80

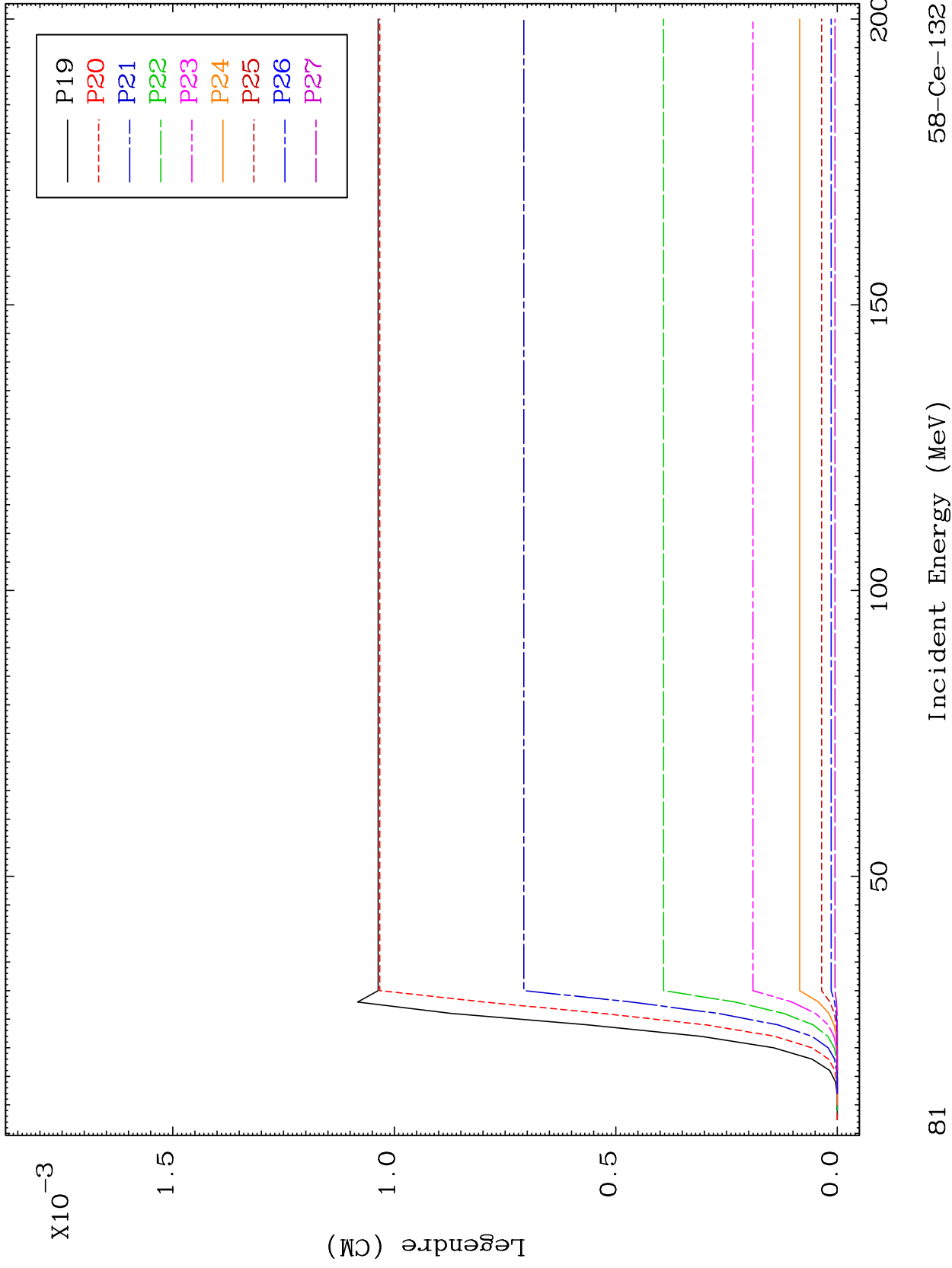
Incident Energy (MeV)

58-Ce-132

MAT 5813

1.996 MeV (n,n') Level
Legendre Coefficients

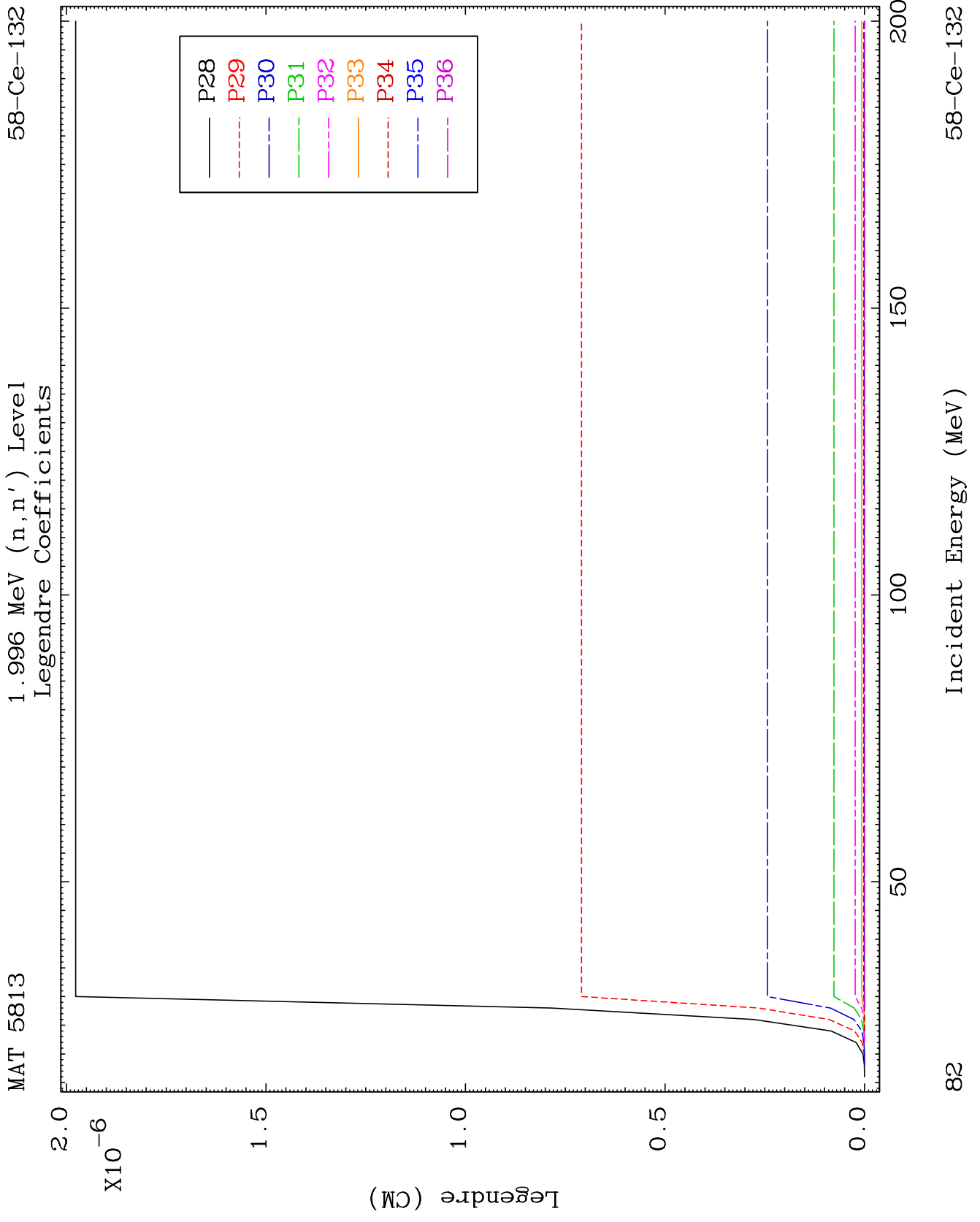
58-Ce-132



81

Incident Energy (MeV)

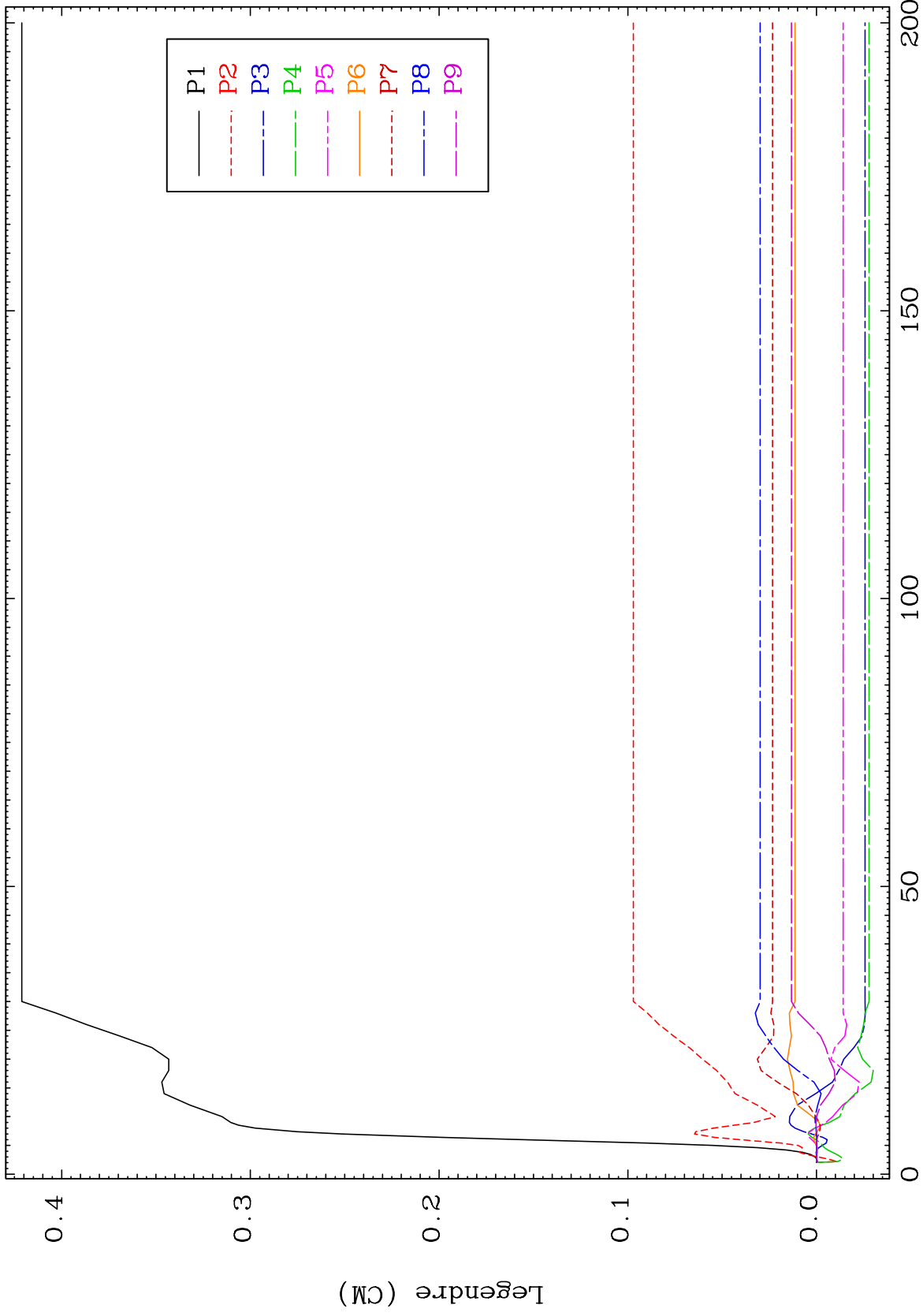
58-Ce-132



MAT 5813

2.023 MeV (n,n') Level
Legendre Coefficients

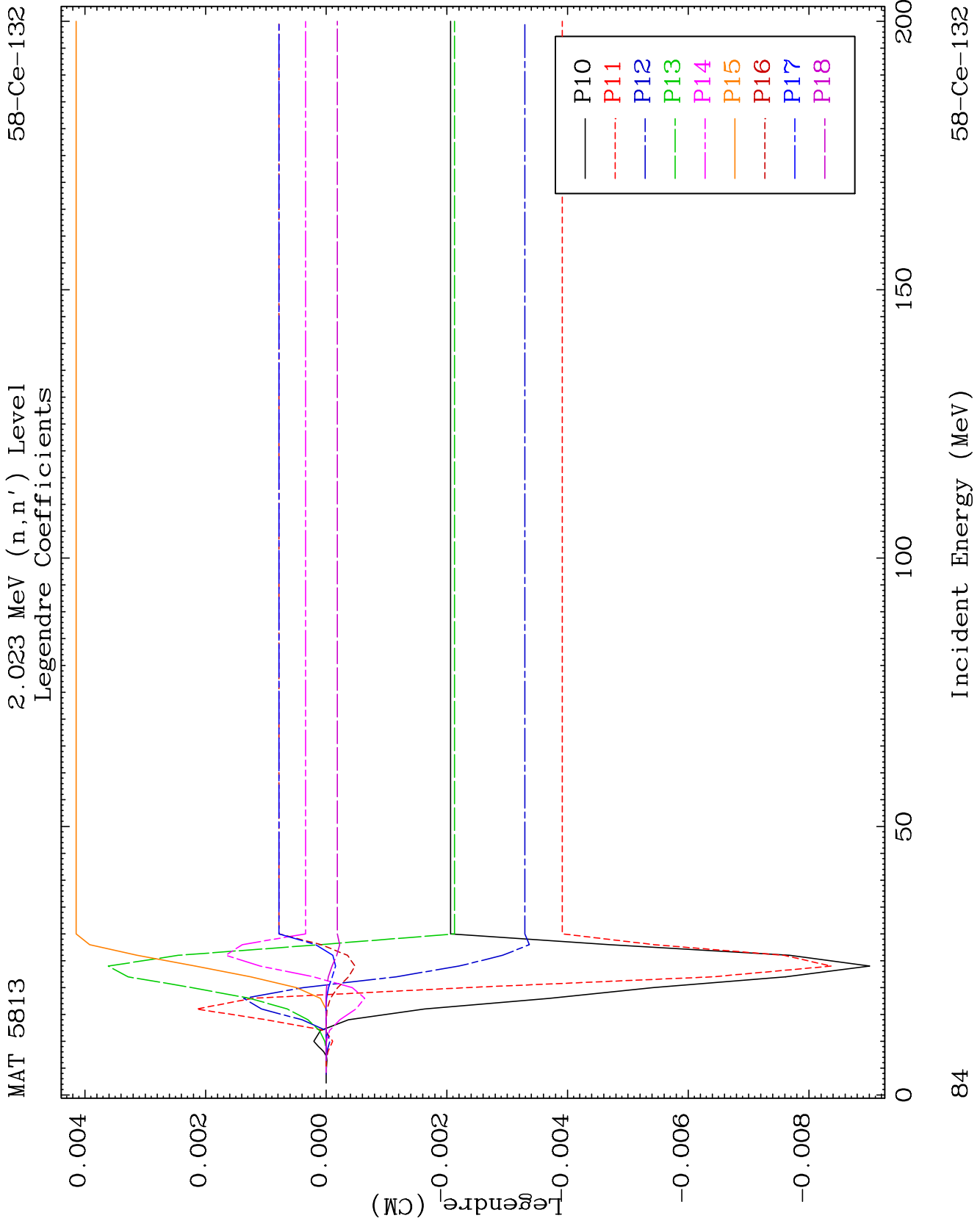
58-Ce-132

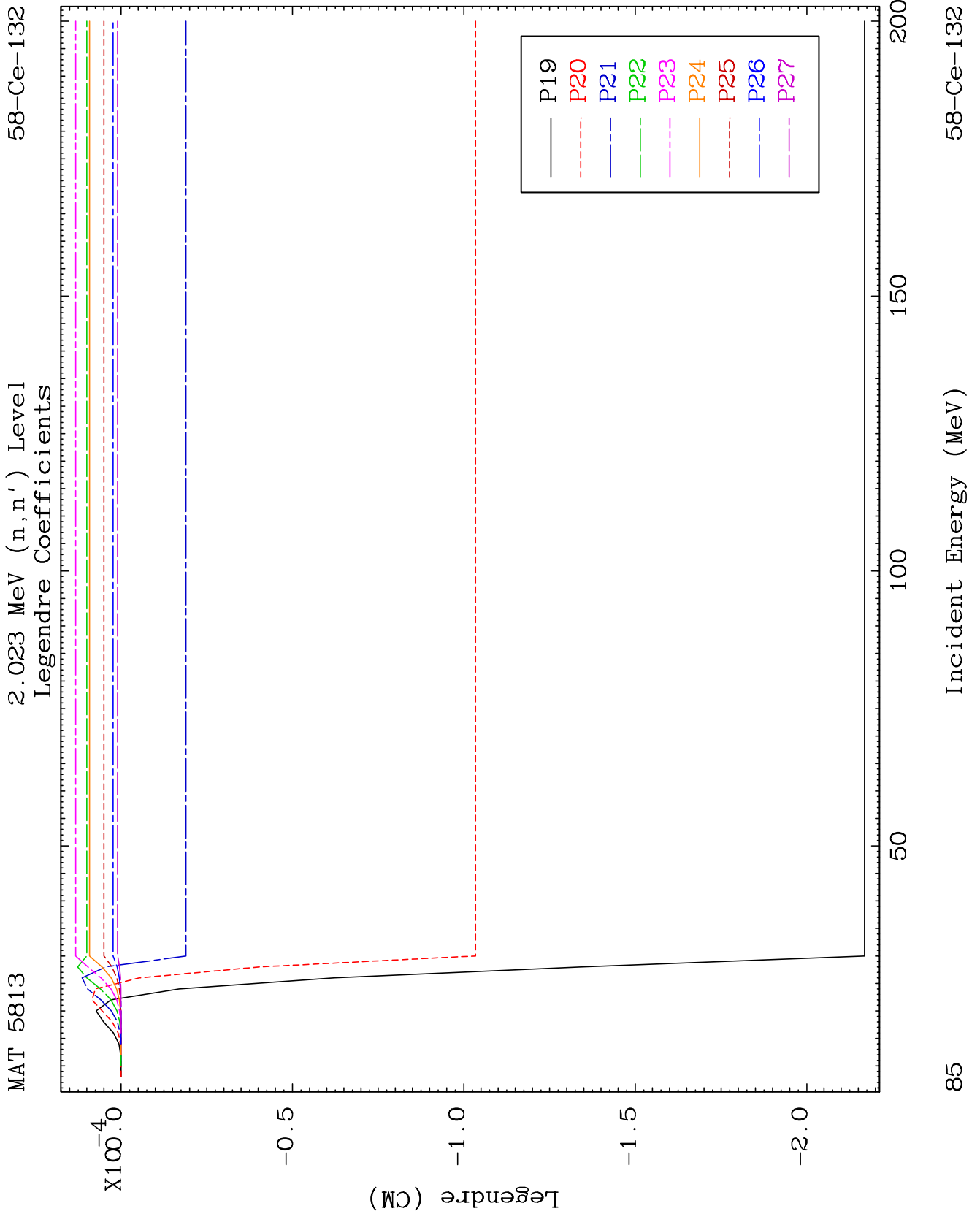


83

Incident Energy (MeV)

58-Ce-132

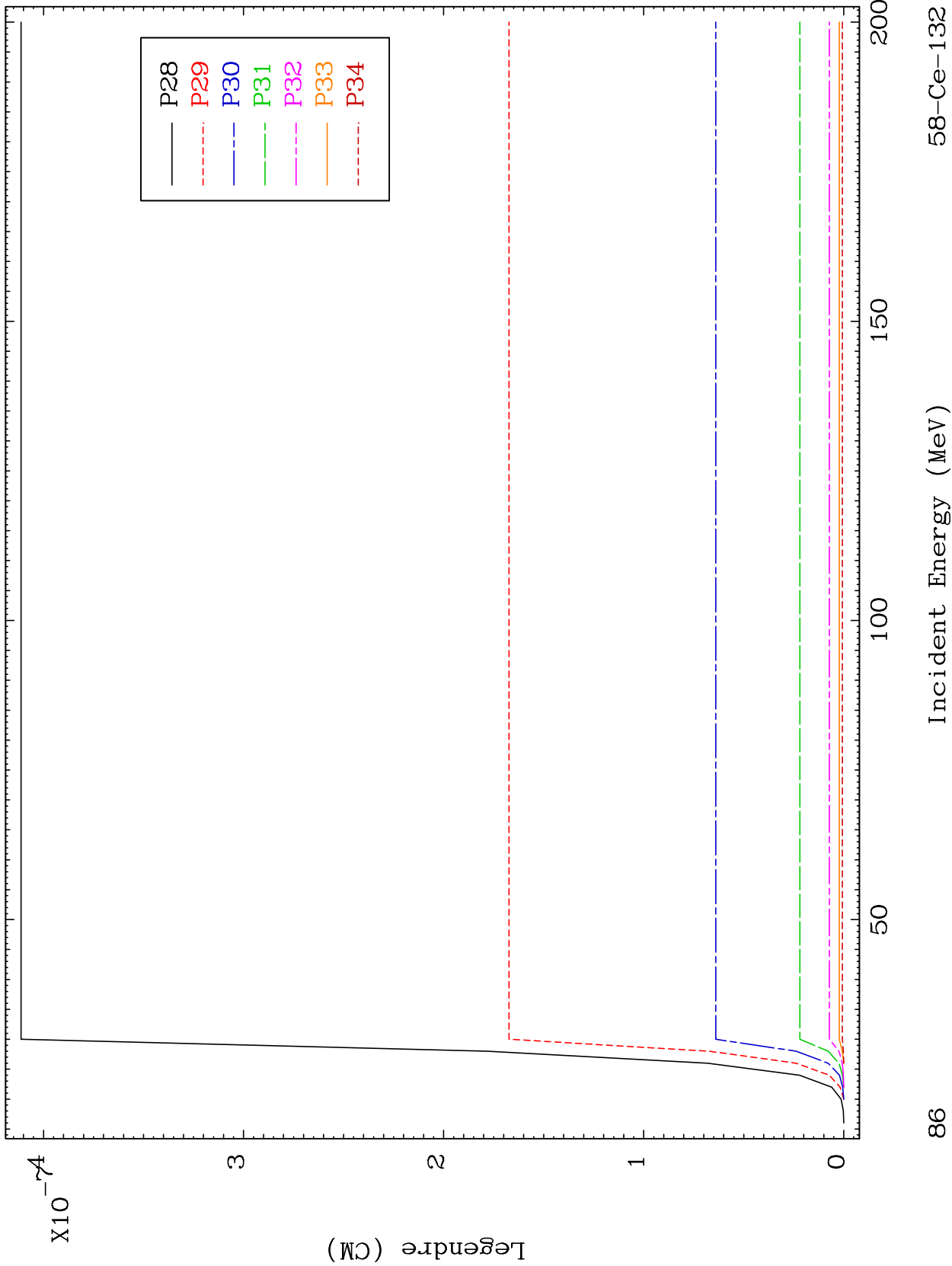




MAT 5813

2.023 MeV (n,n') Level
Legendre Coefficients

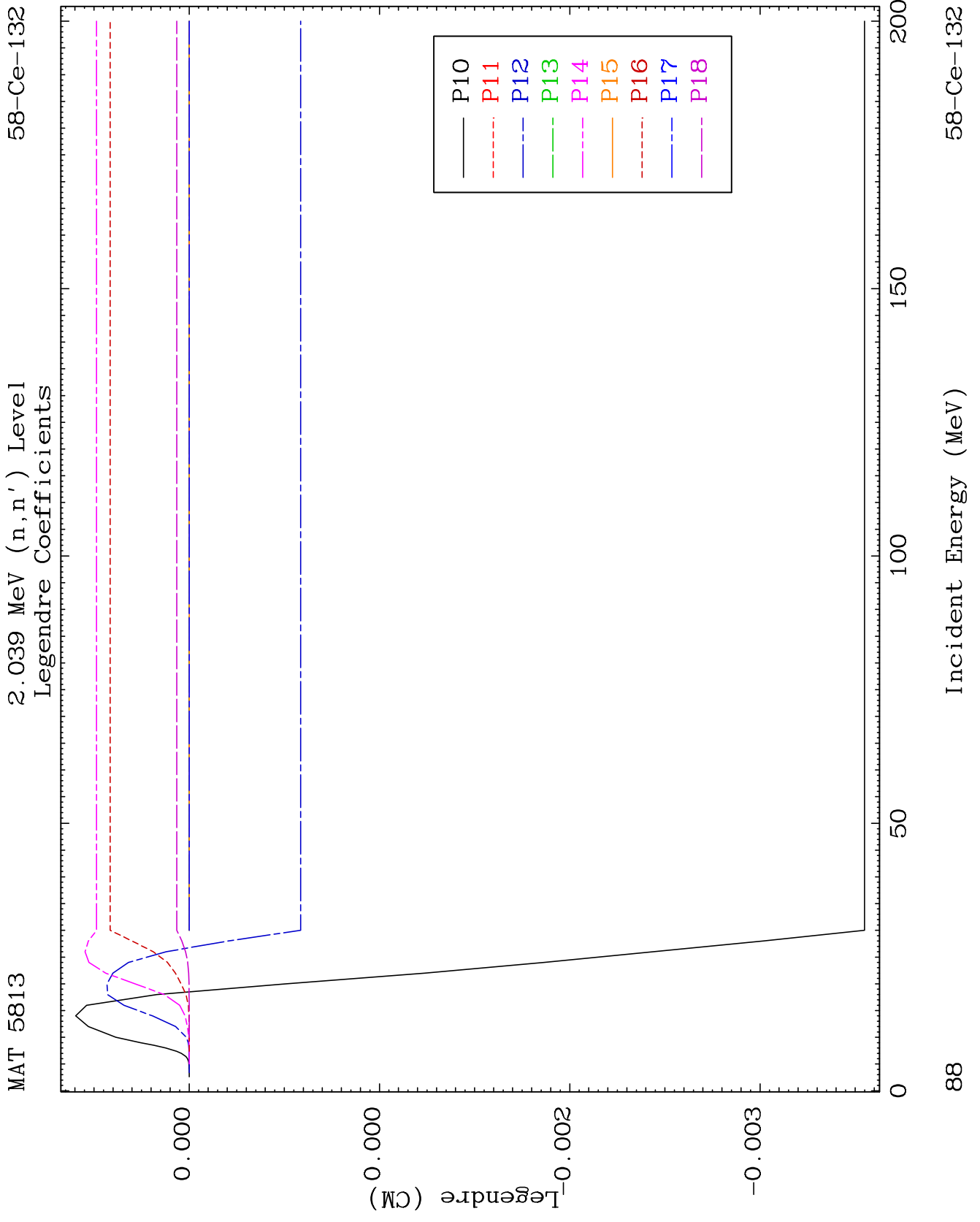
58-Ce-132



86

Incident Energy (MeV)

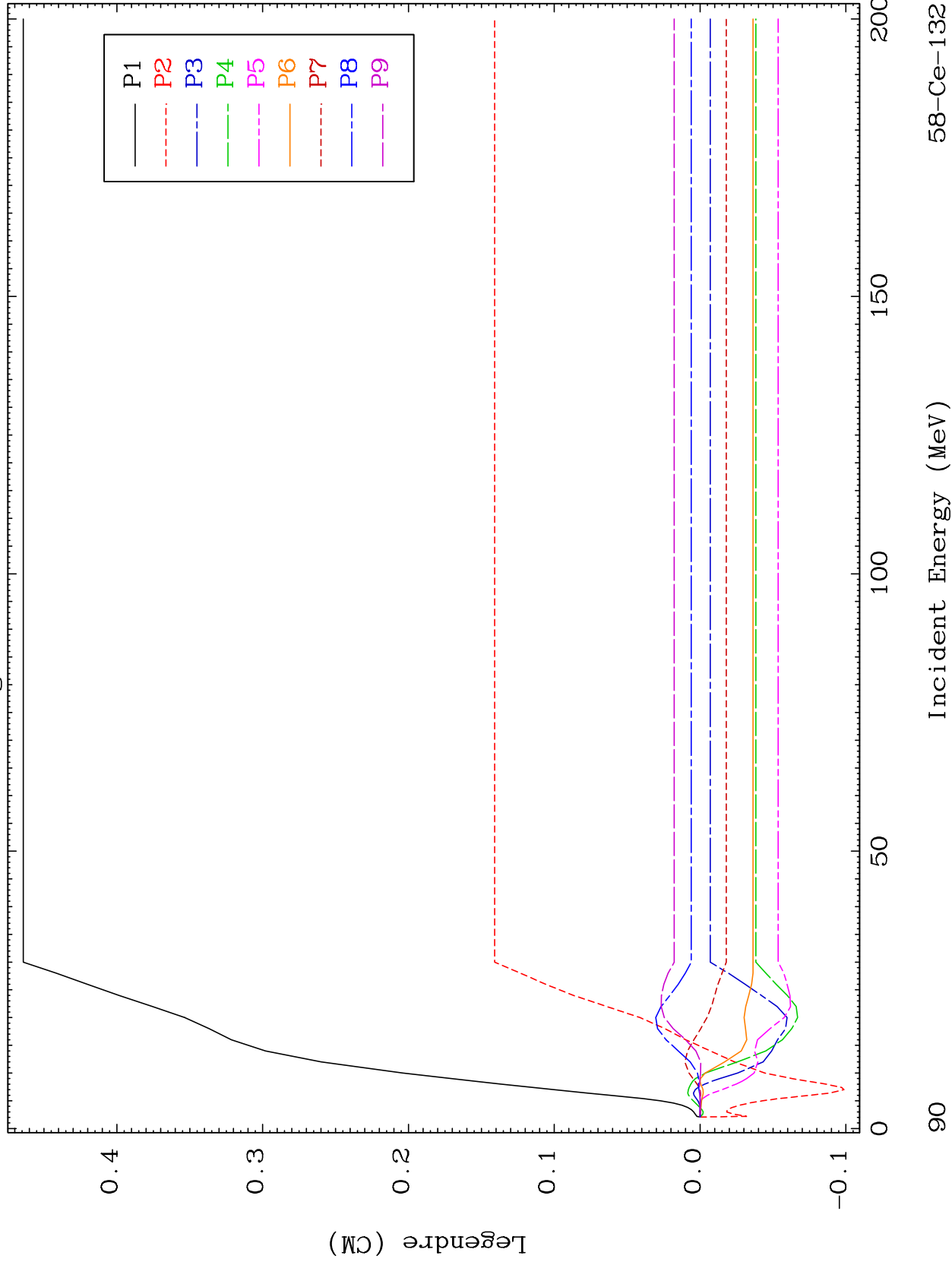
58-Ce-132



MAT 5813

2.048 MeV (n, n') Level
Legendre Coefficients

58-Ce-132



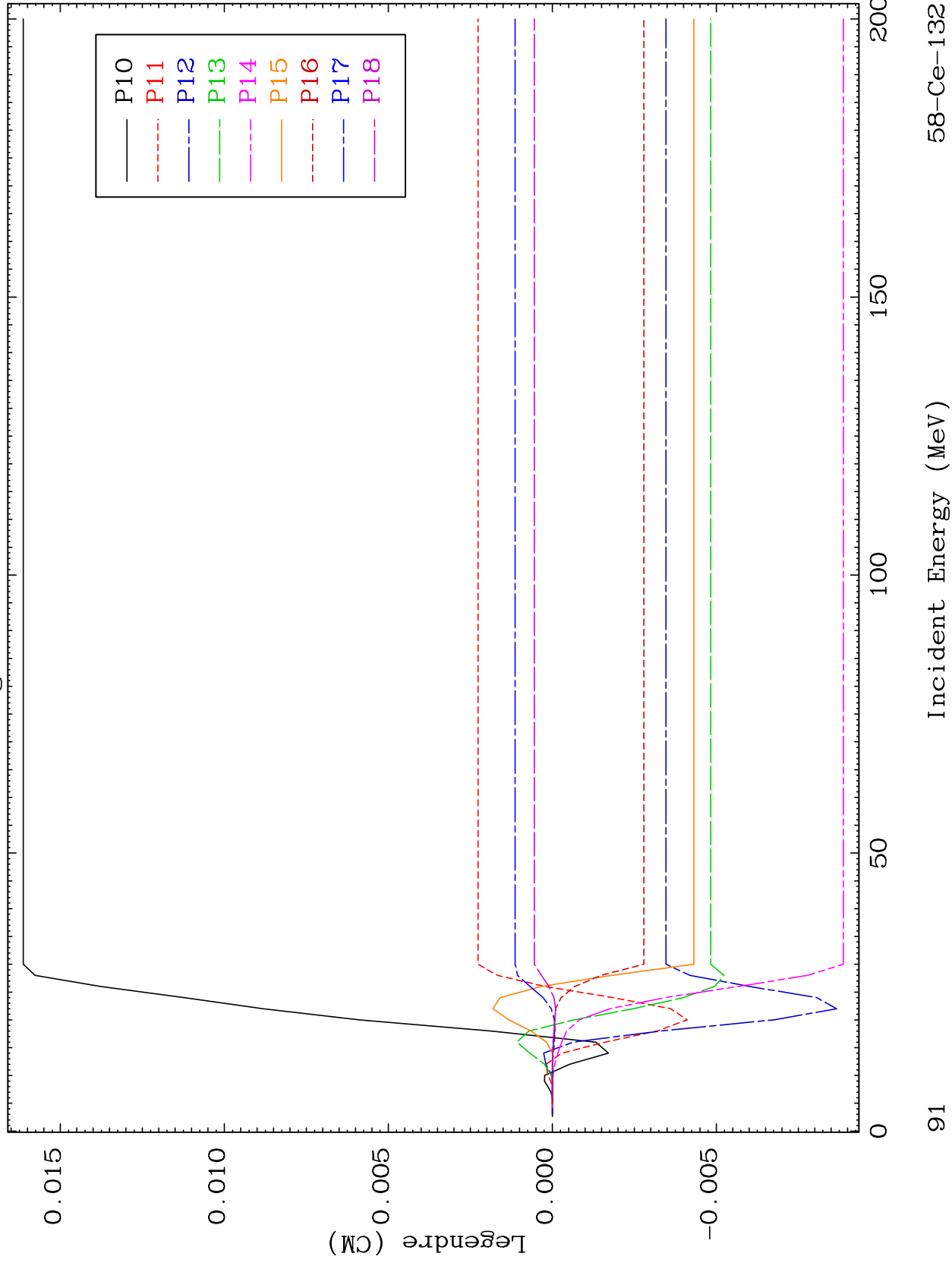
58-Ce-132

Incident Energy (MeV)

MAT 5813

2.048 MeV (n,n') Level
Legendre Coefficients

58-Ce-132



91

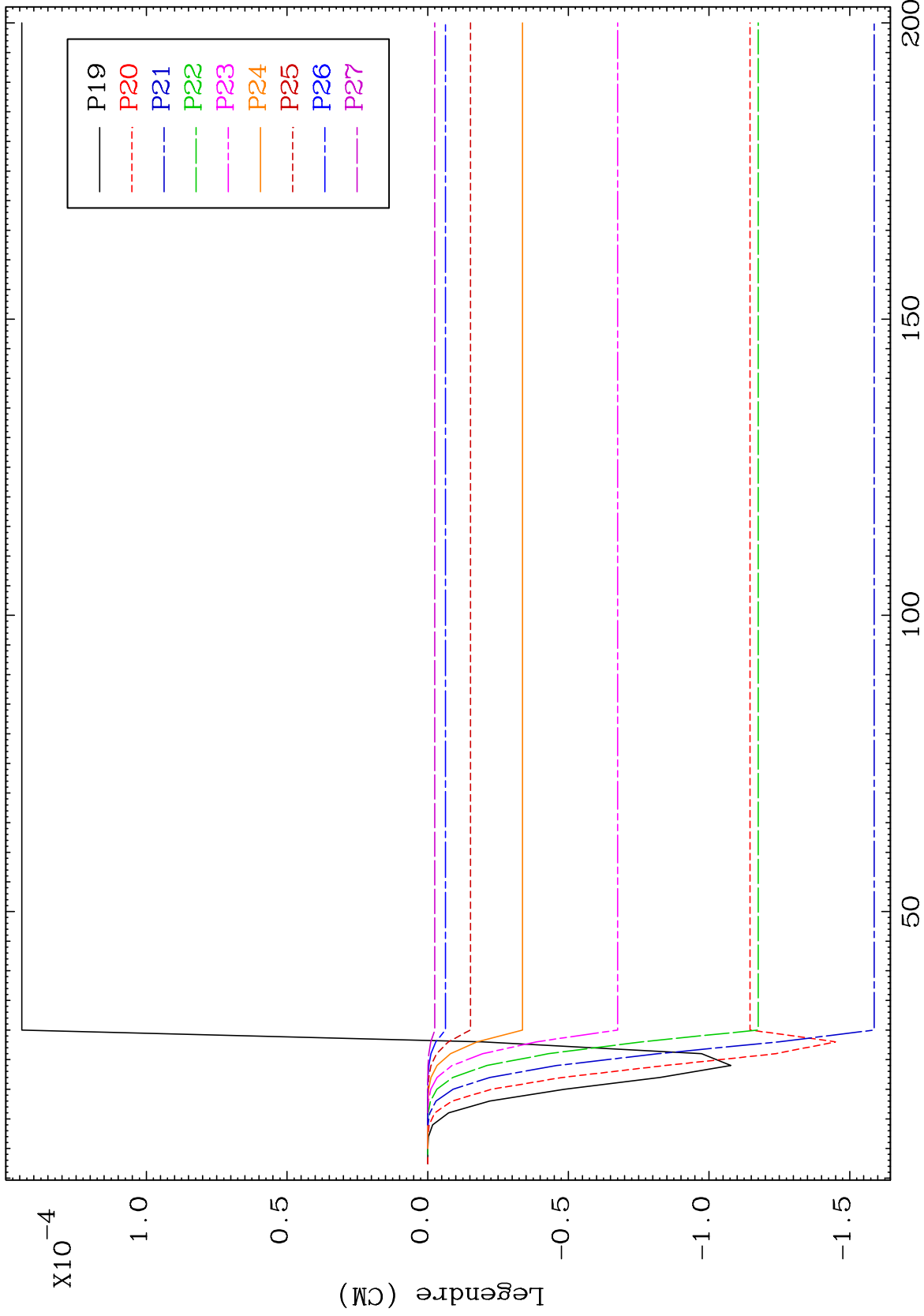
Incident Energy (MeV)

58-Ce-132

MAT 5813

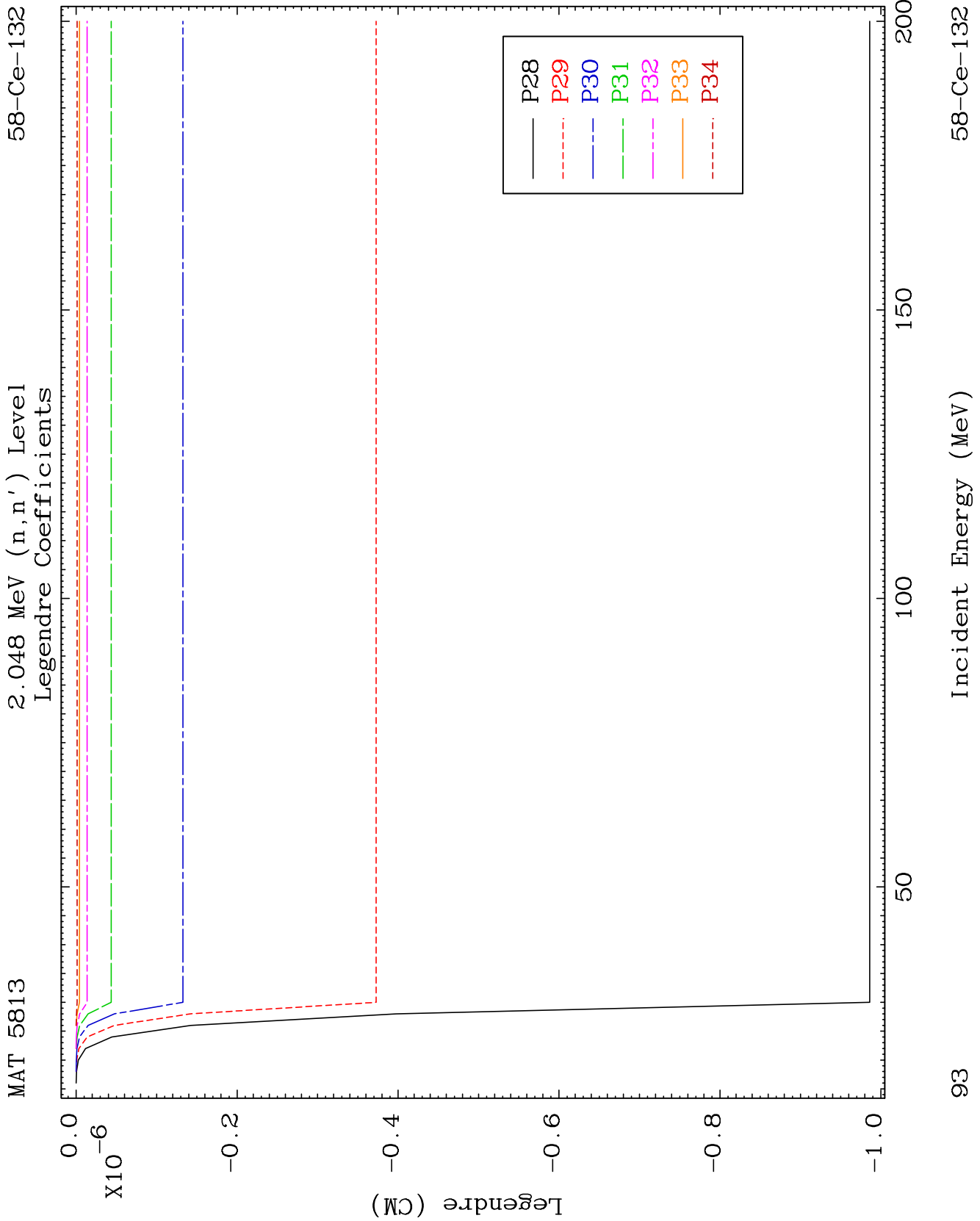
2.048 MeV (n, n') Level
Legendre Coefficients

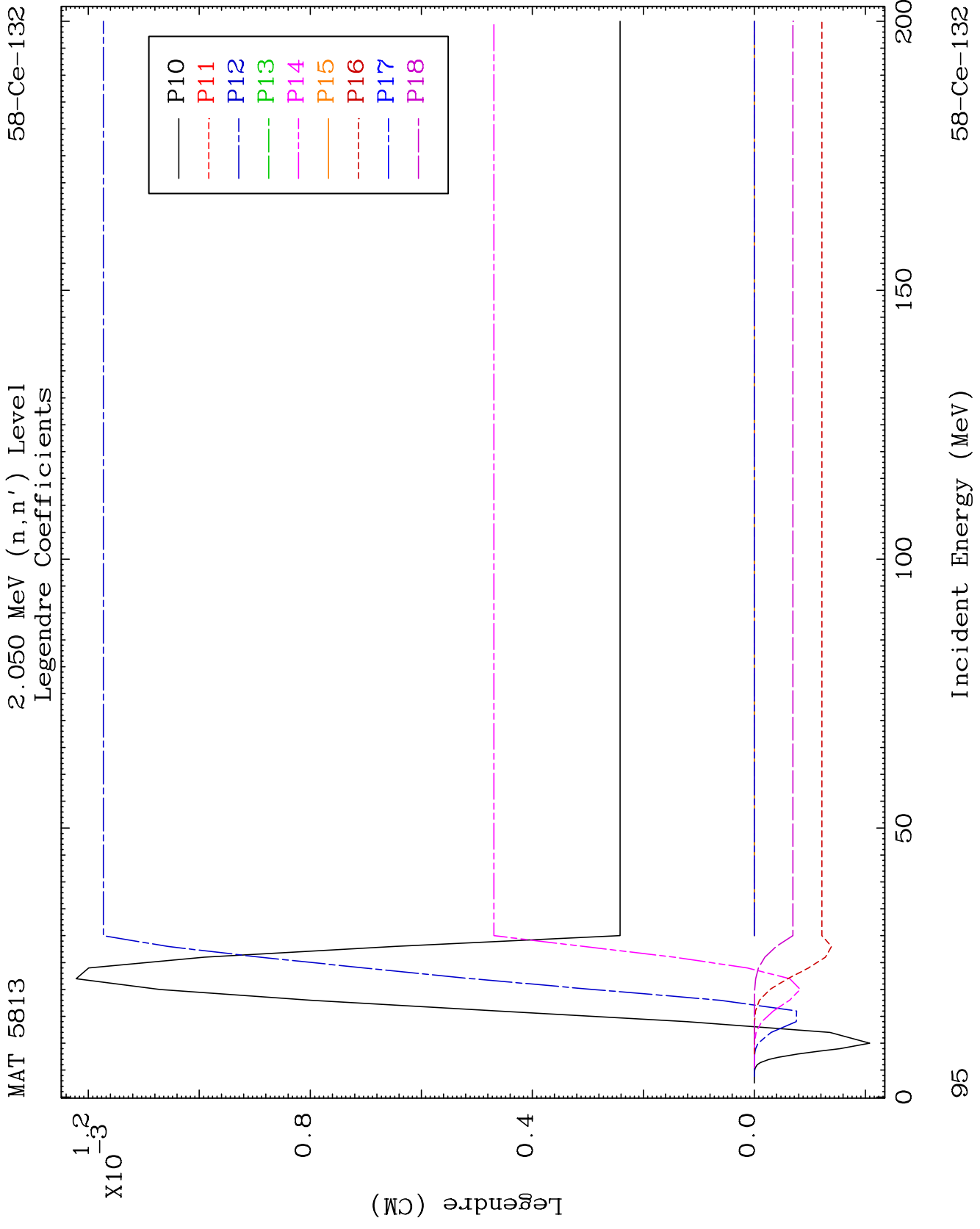
58-Ce-132

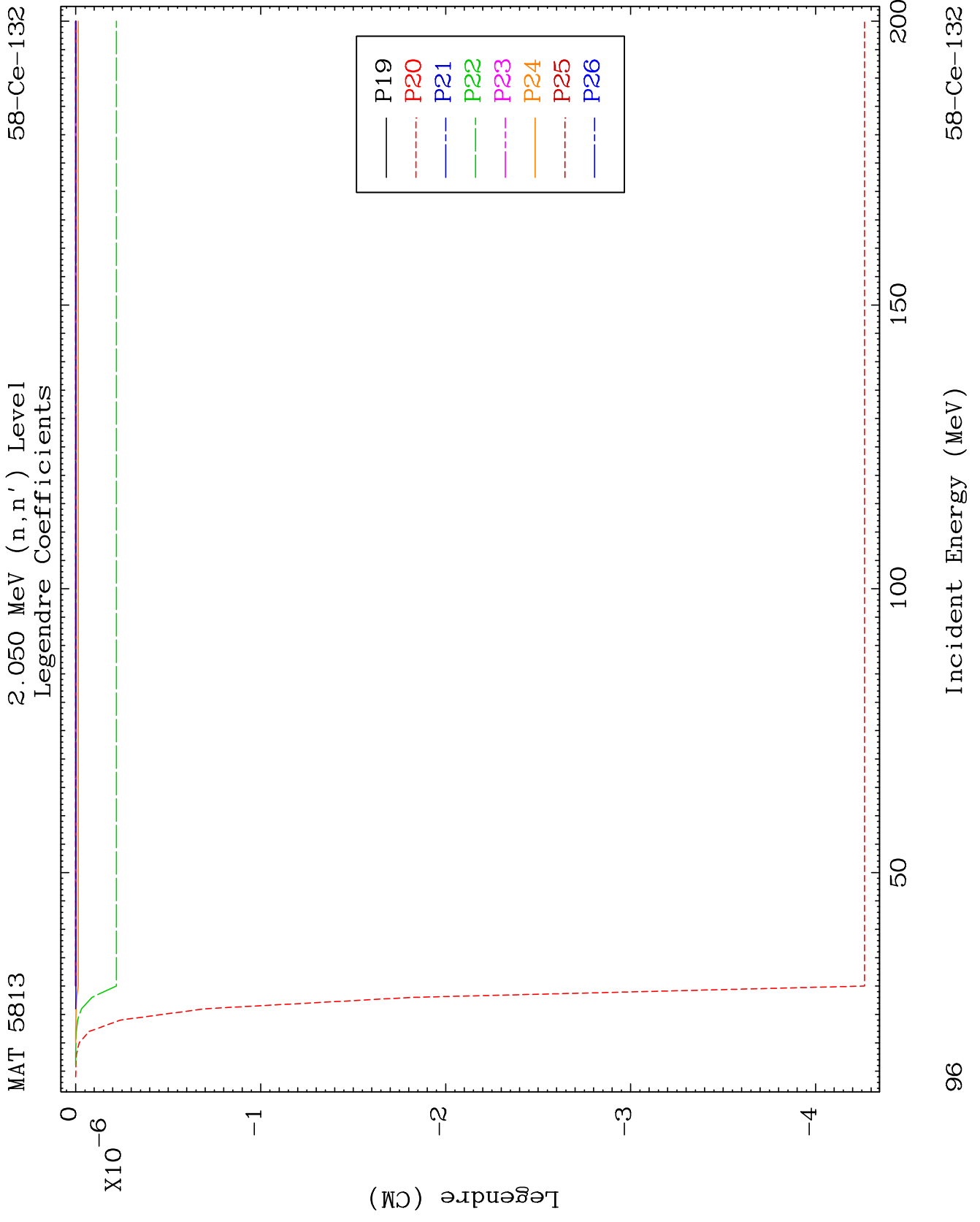


92

58-Ce-132



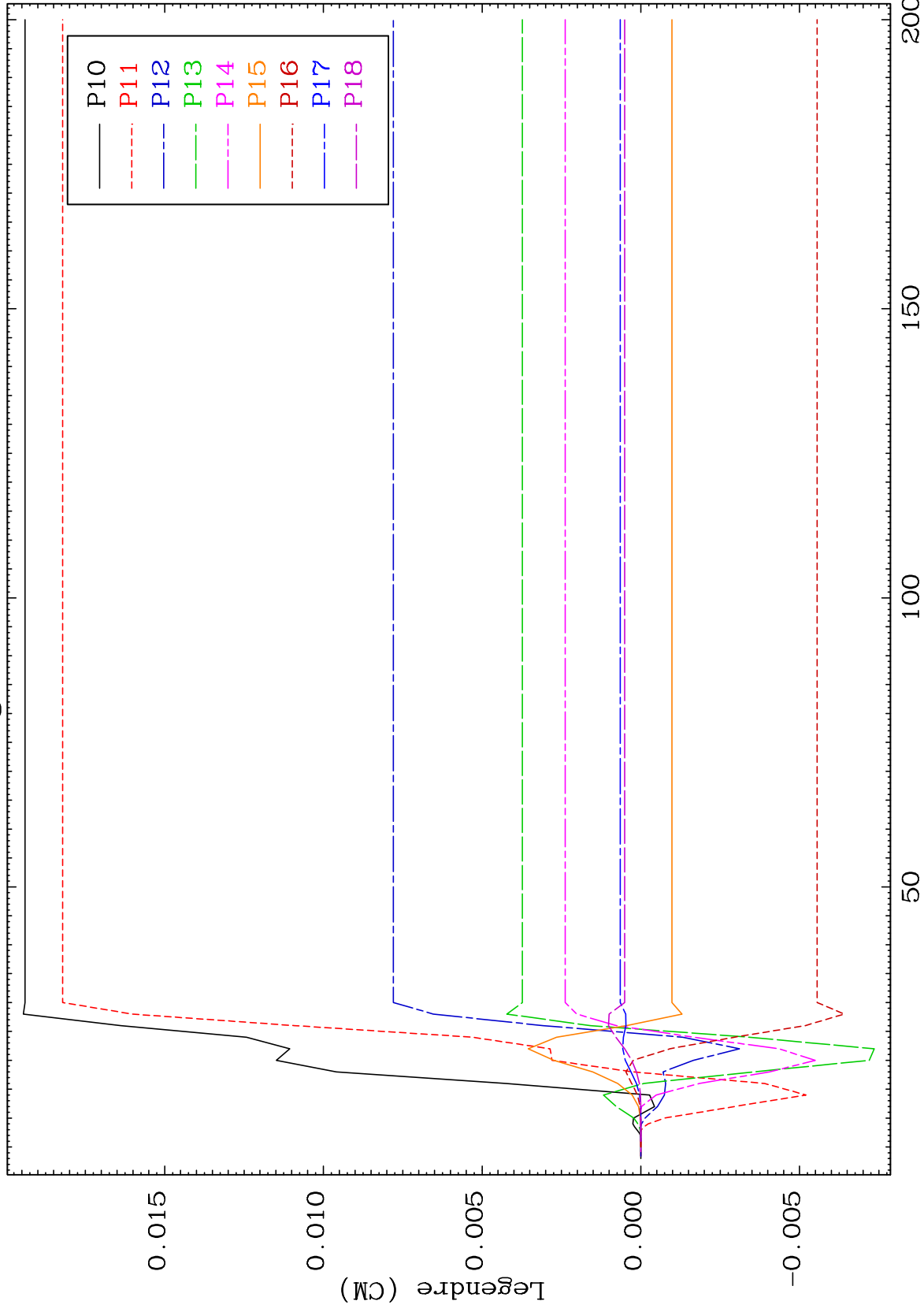




MAT 5813

2.097 MeV (n, n') Level
Legendre Coefficients

58-Ce-132



98

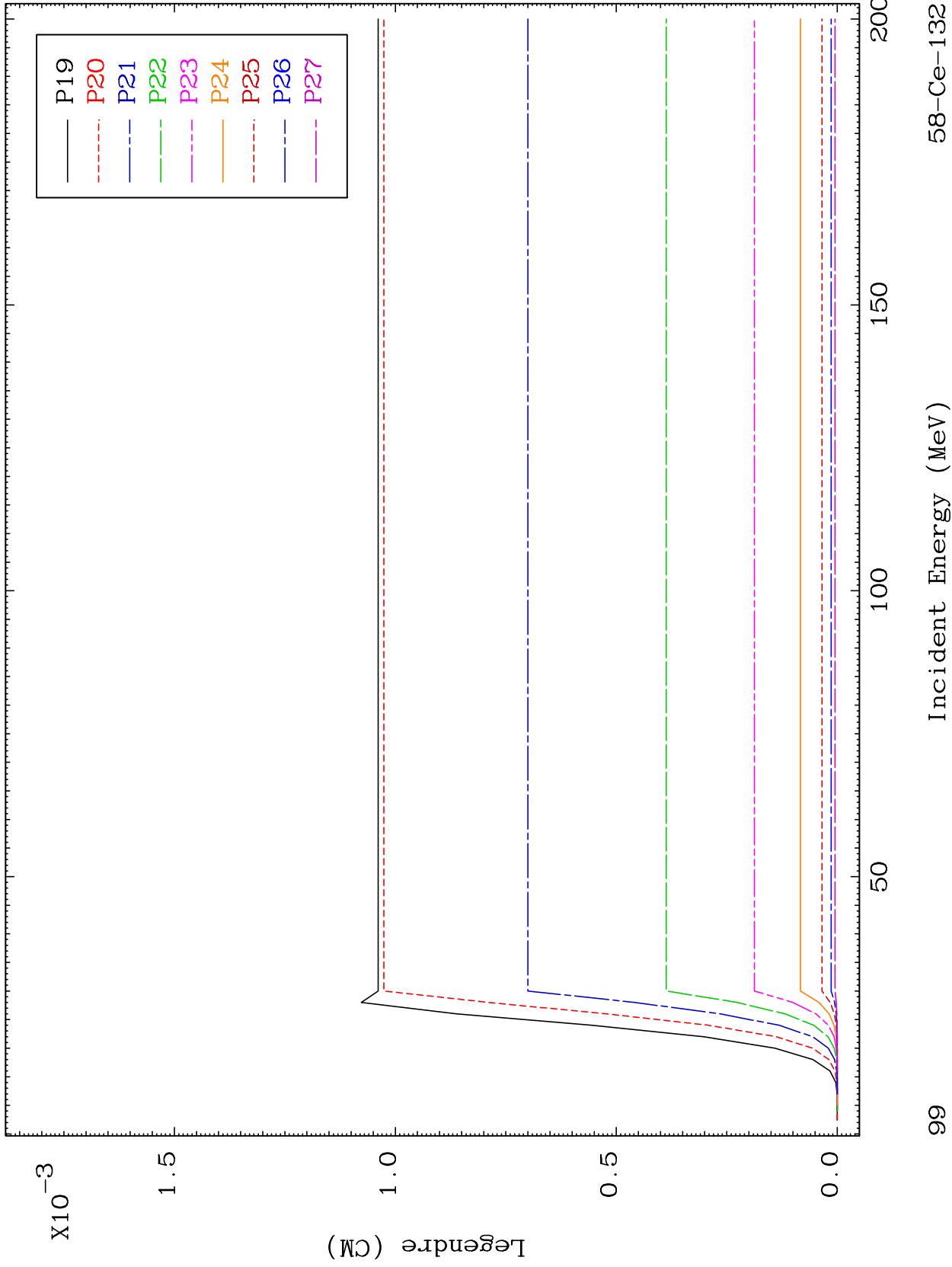
Incident Energy (MeV)

58-Ce-132

MAT 5813

2.097 MeV (n,n') Level
Legendre Coefficients

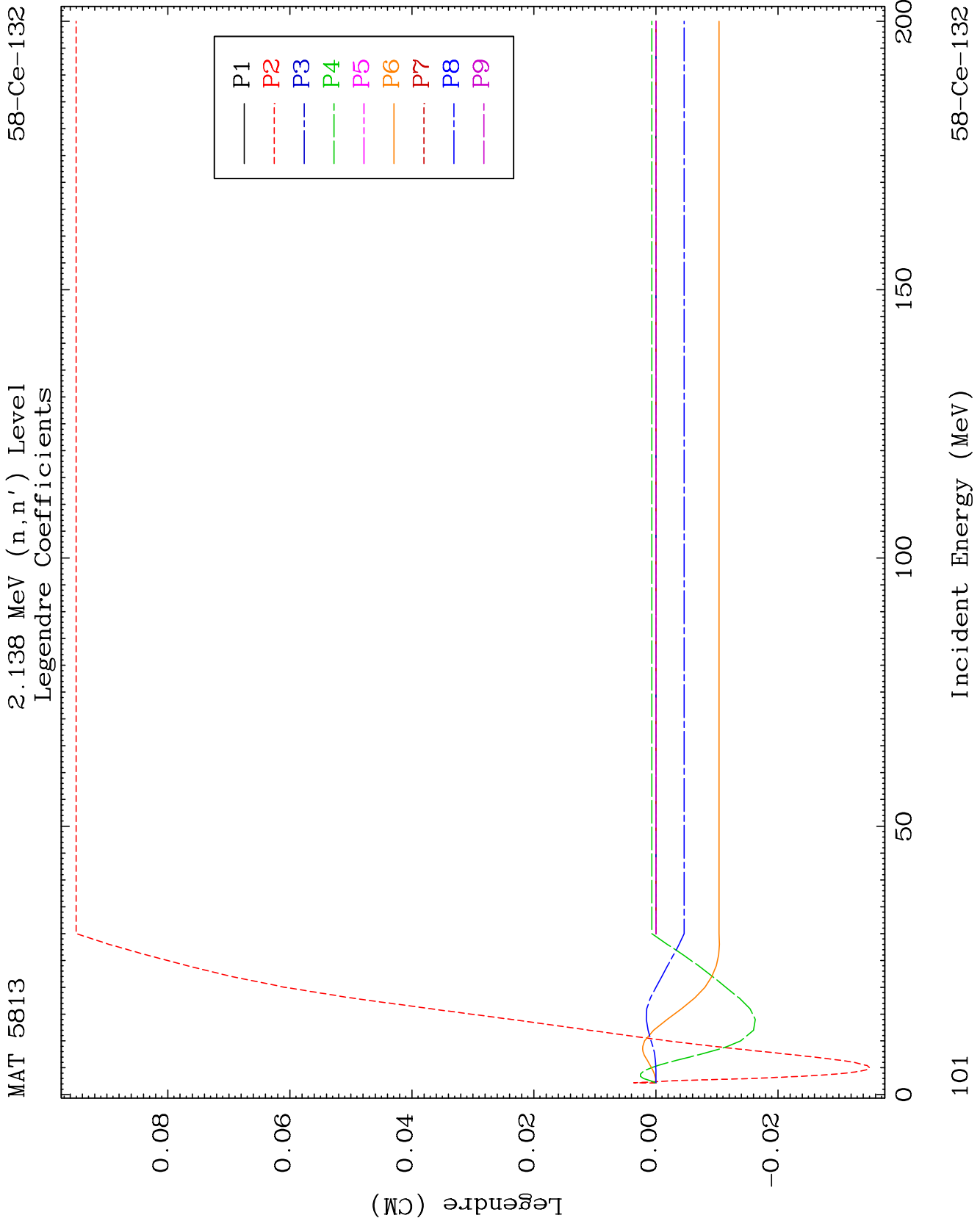
58-Ce-132

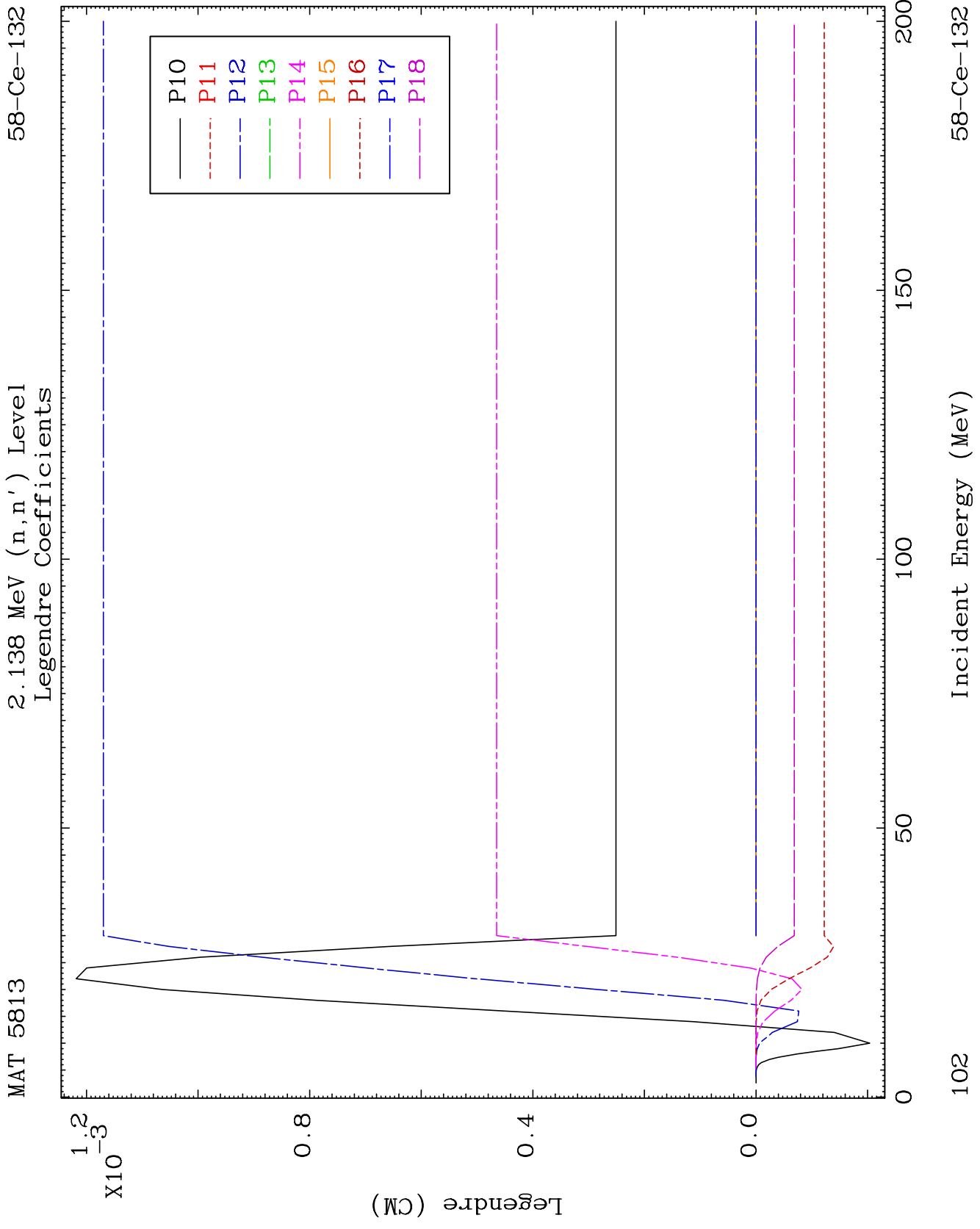


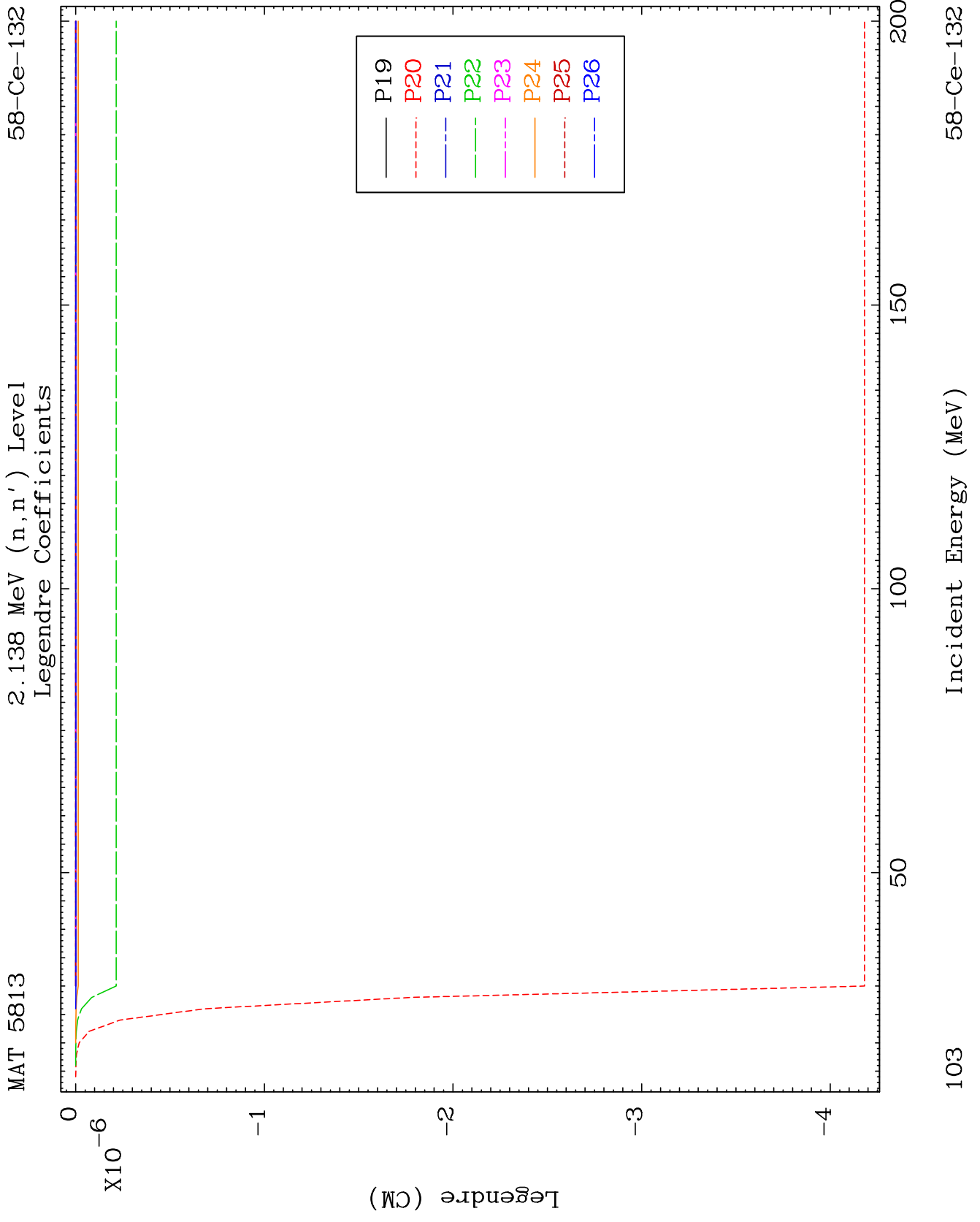
99

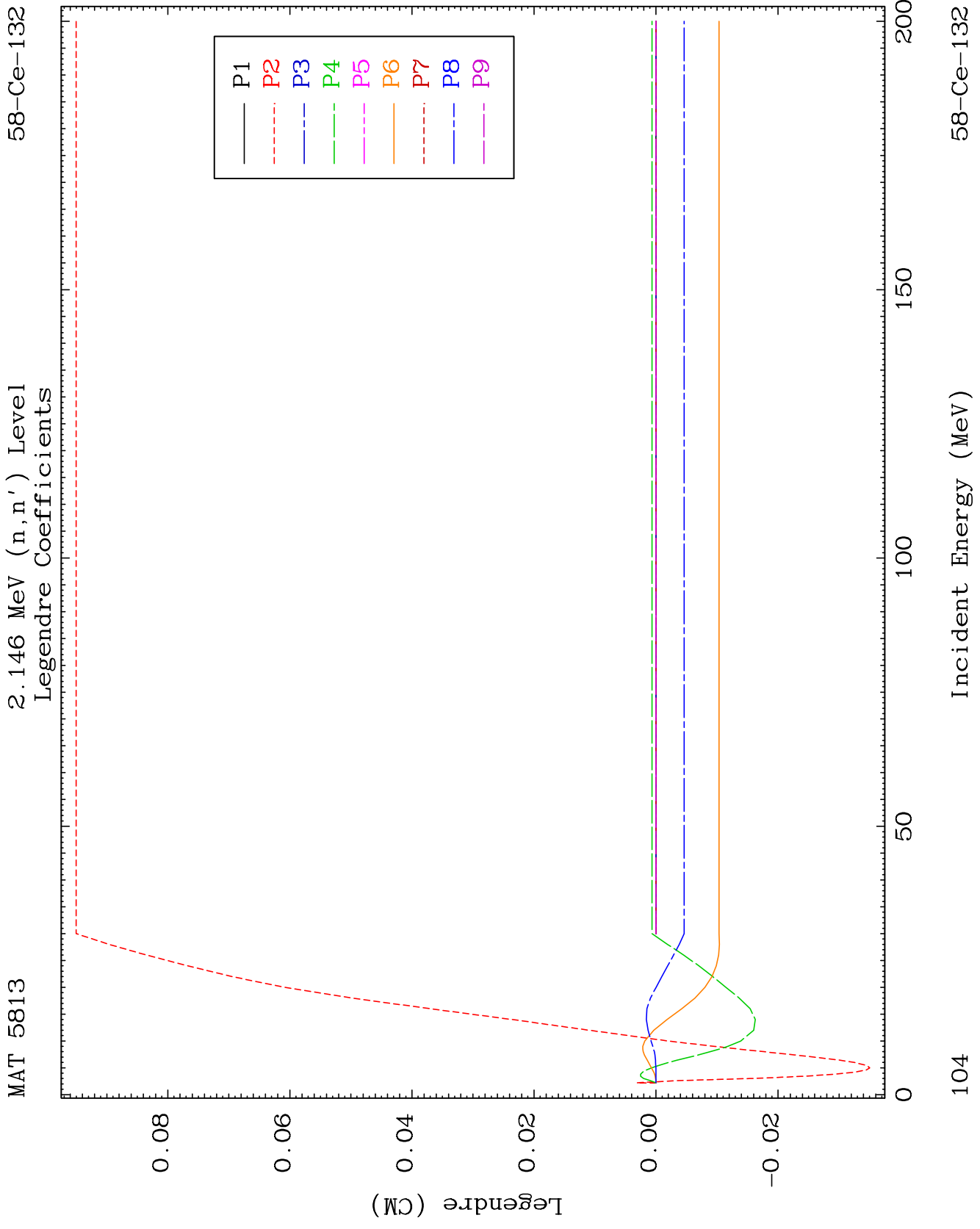
Incident Energy (MeV)

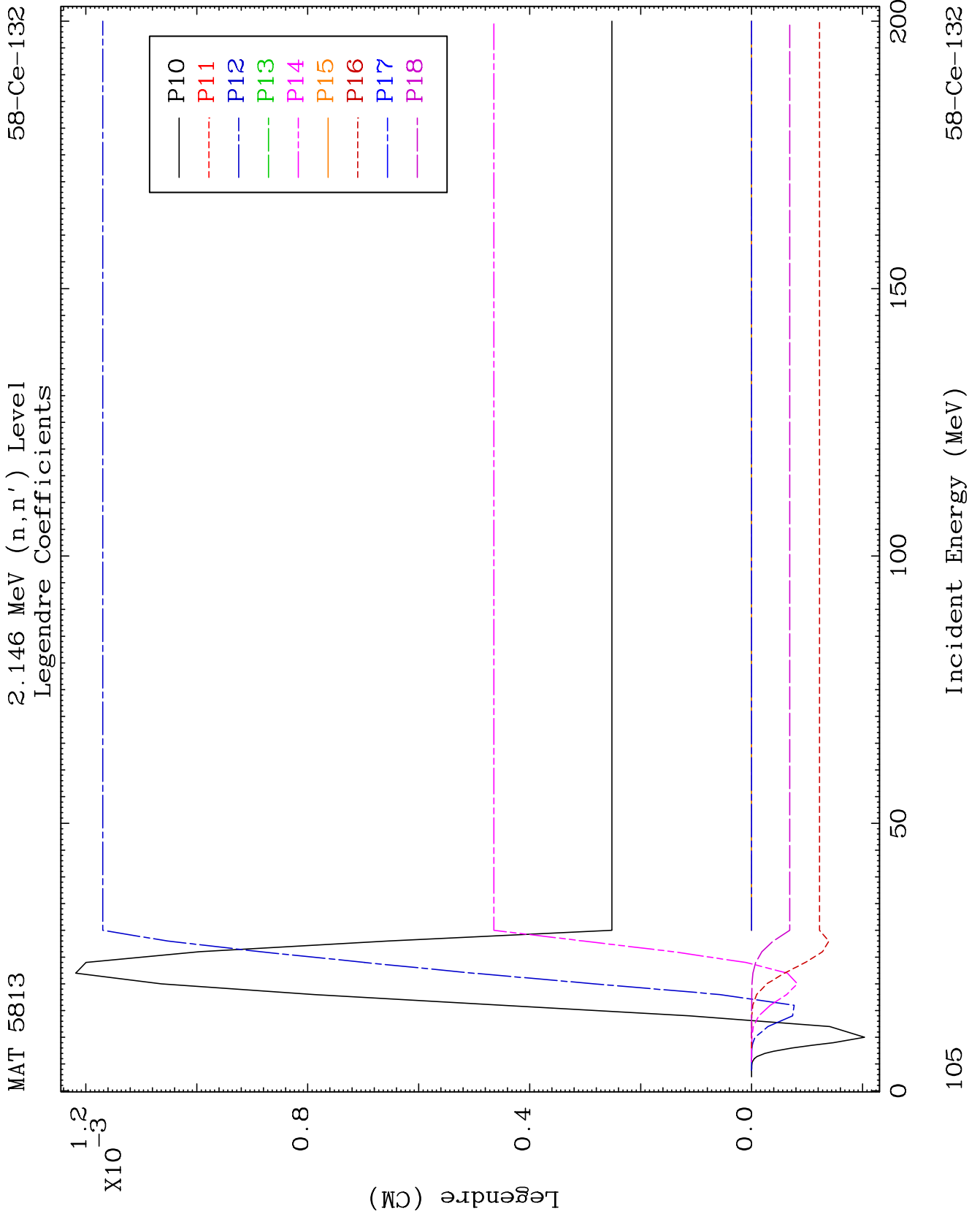
58-Ce-132

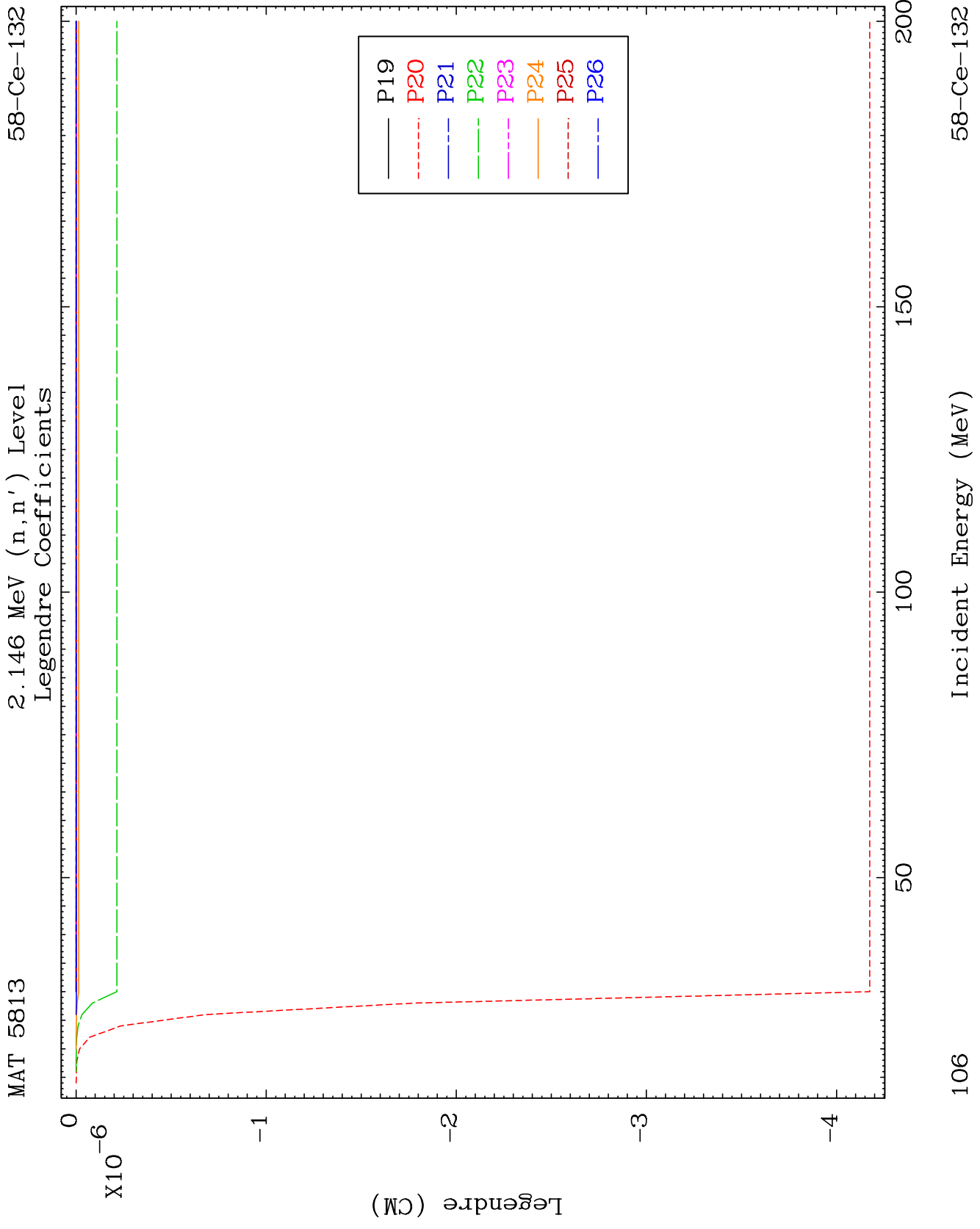


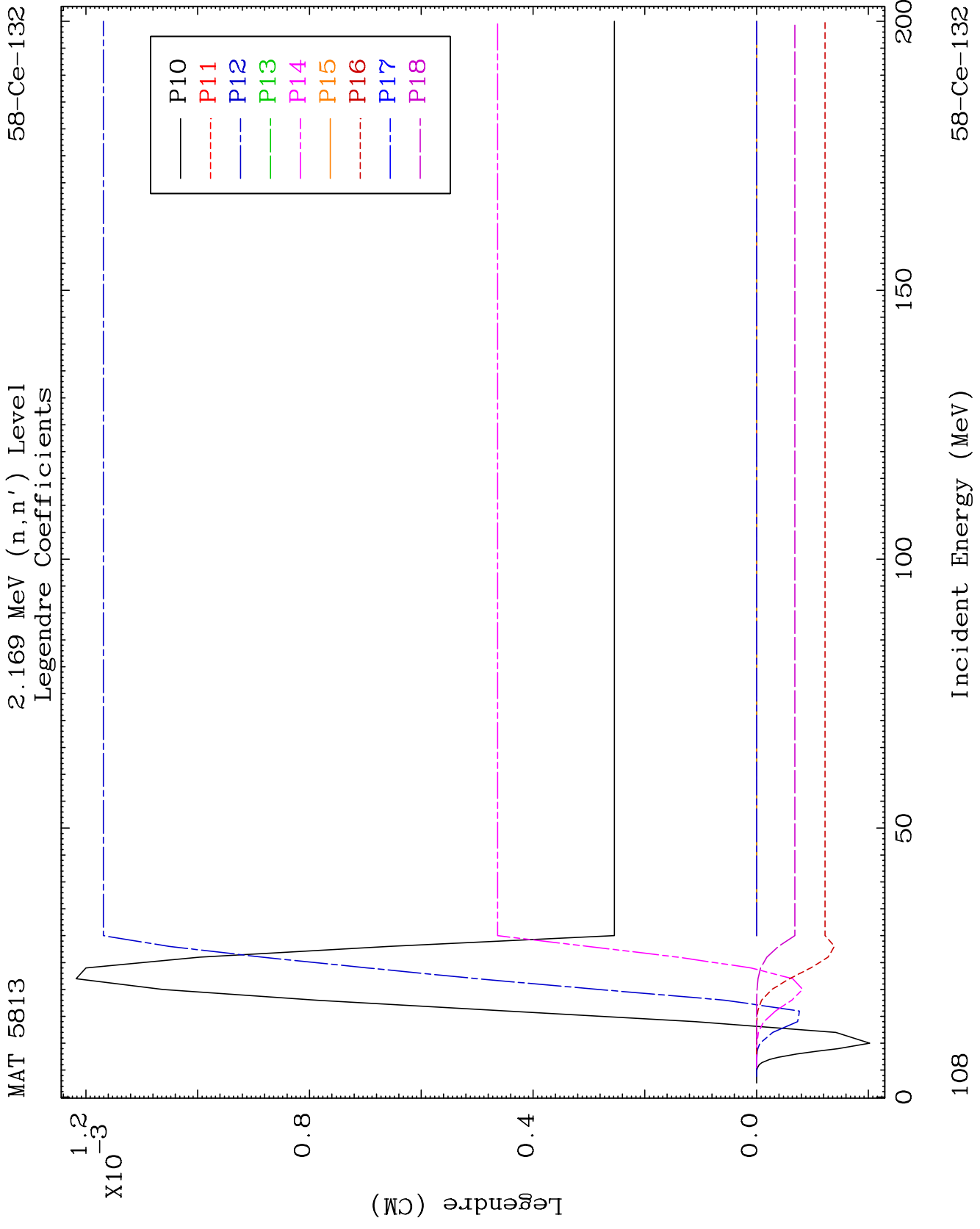


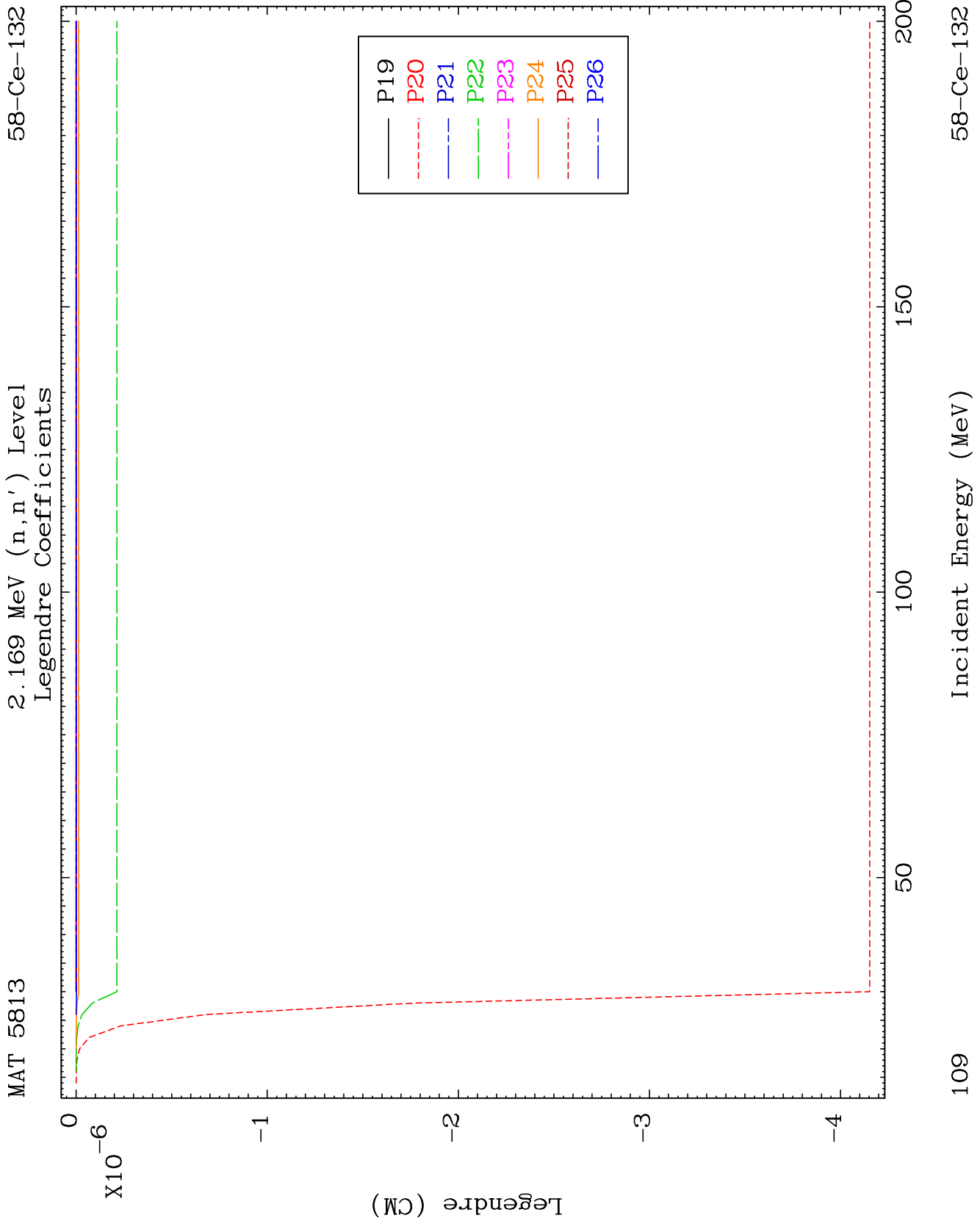


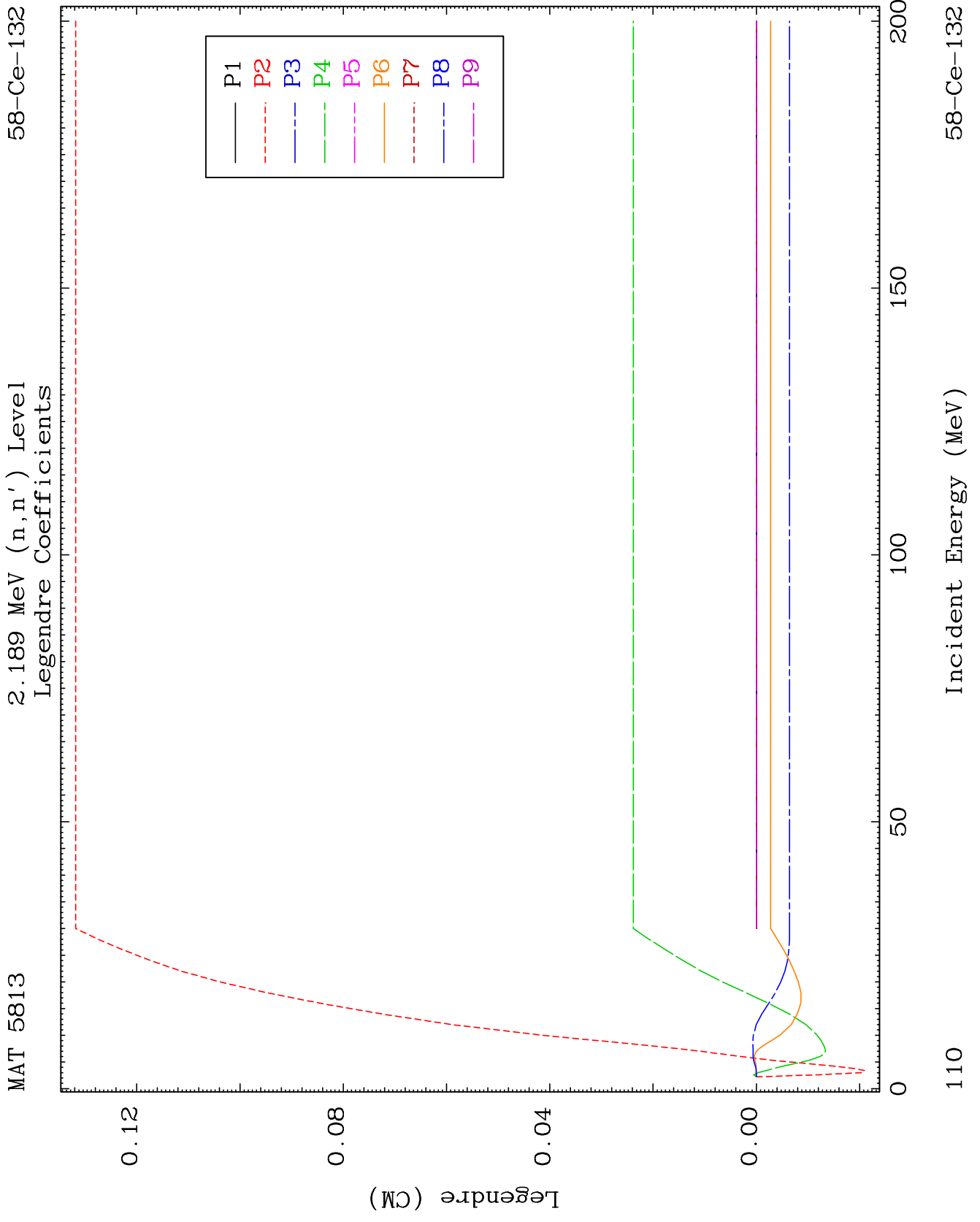


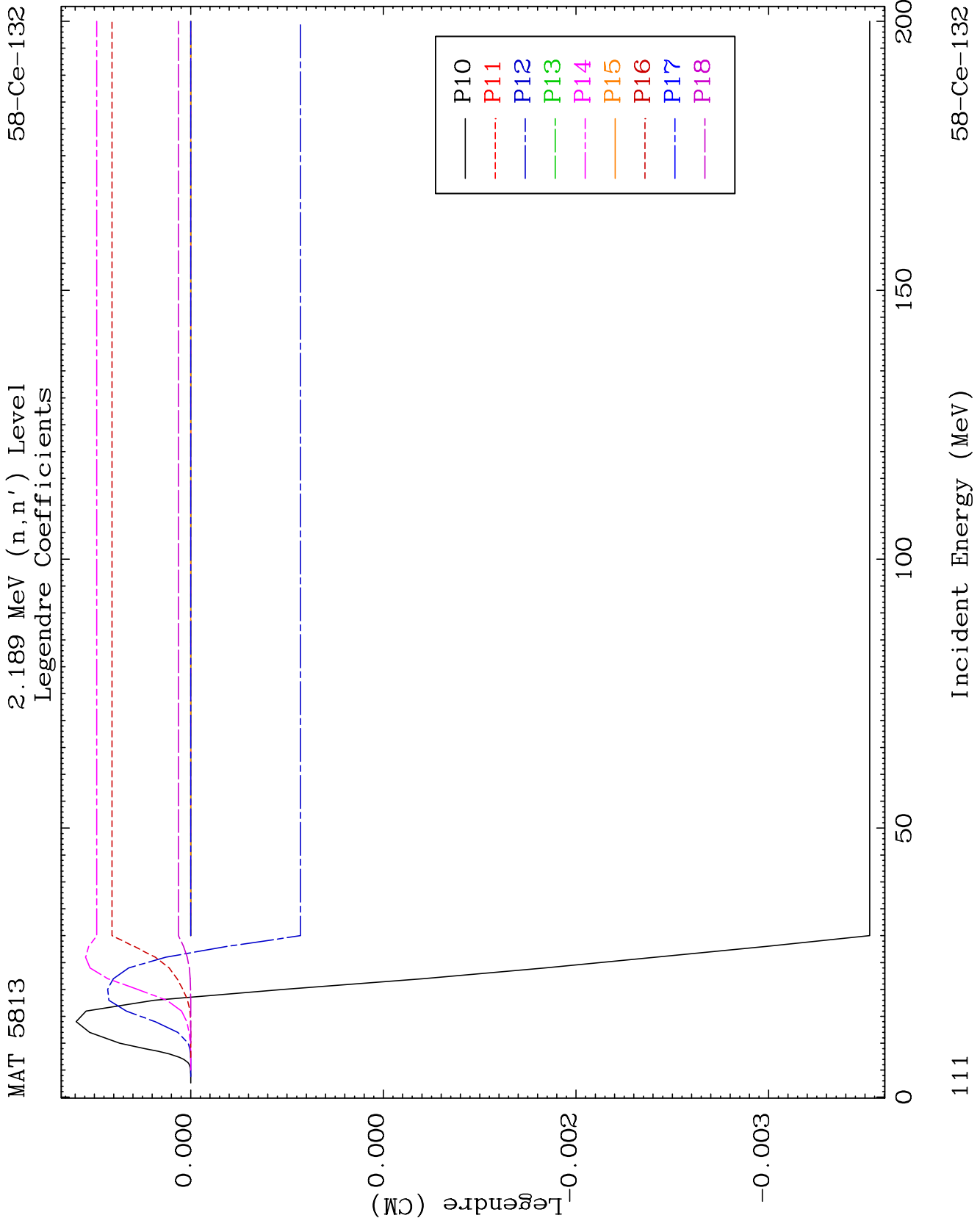


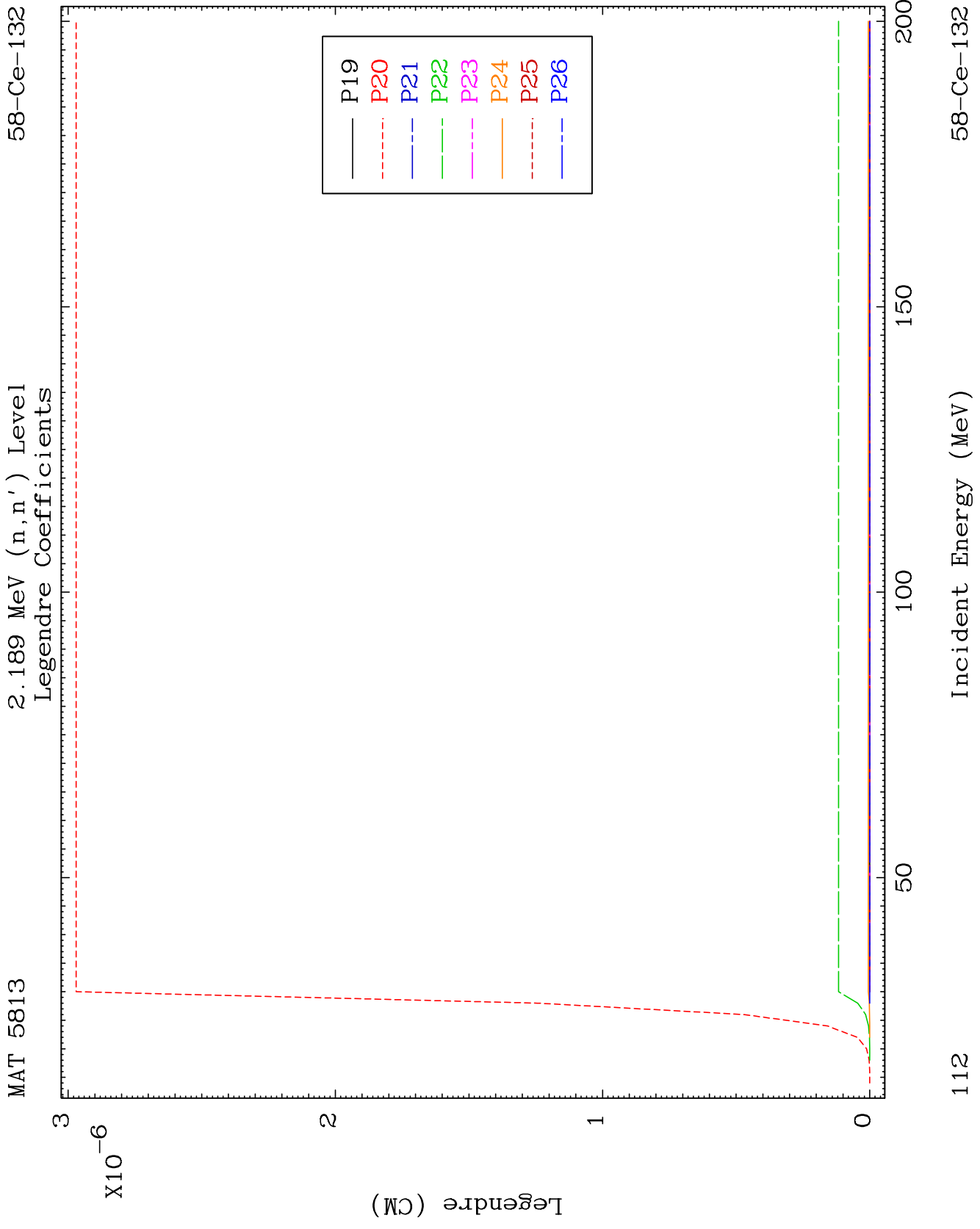








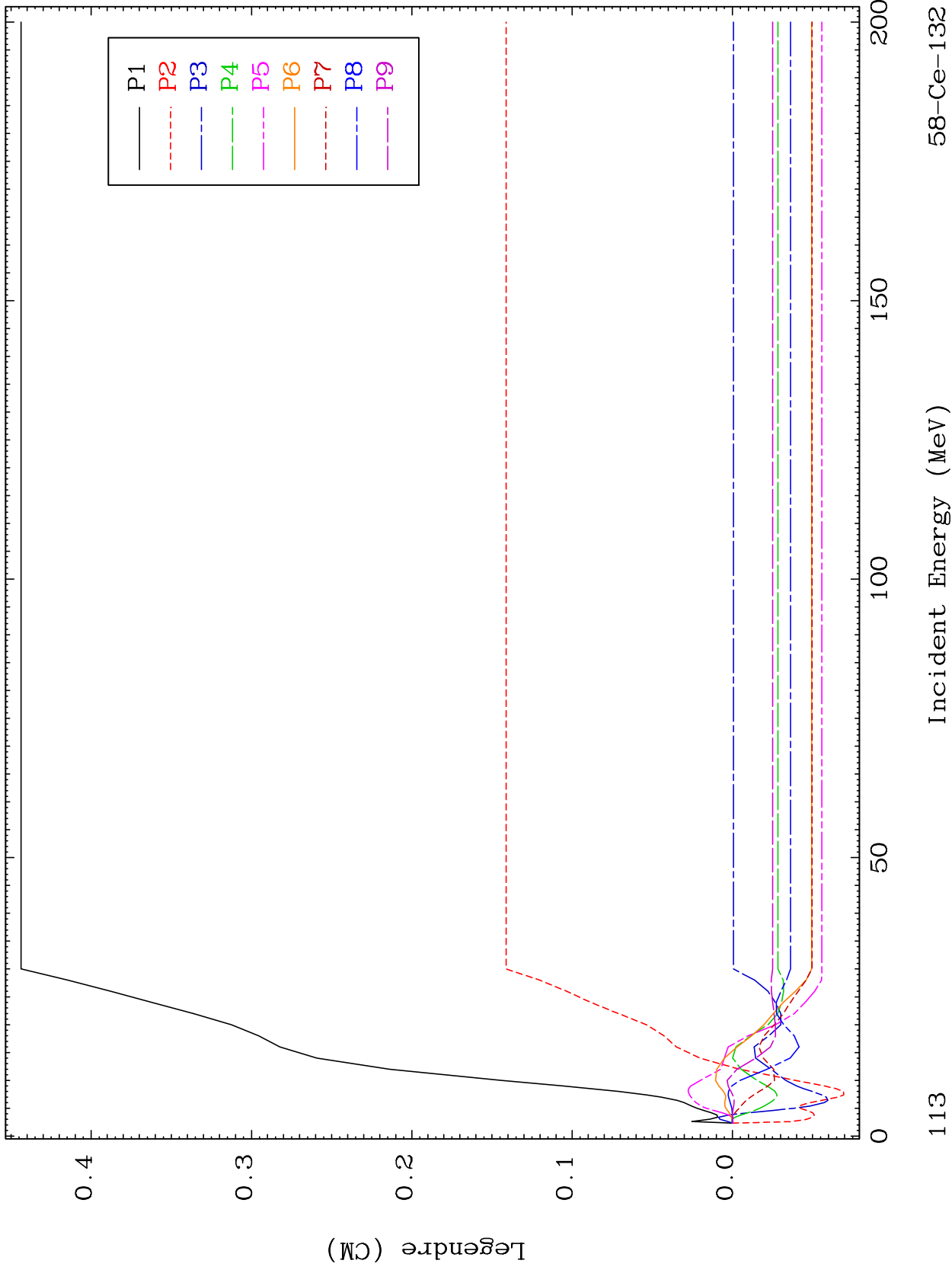




MAT 5813

2.296 MeV (n,n') Level
Legendre Coefficients

58-Ce-132



113

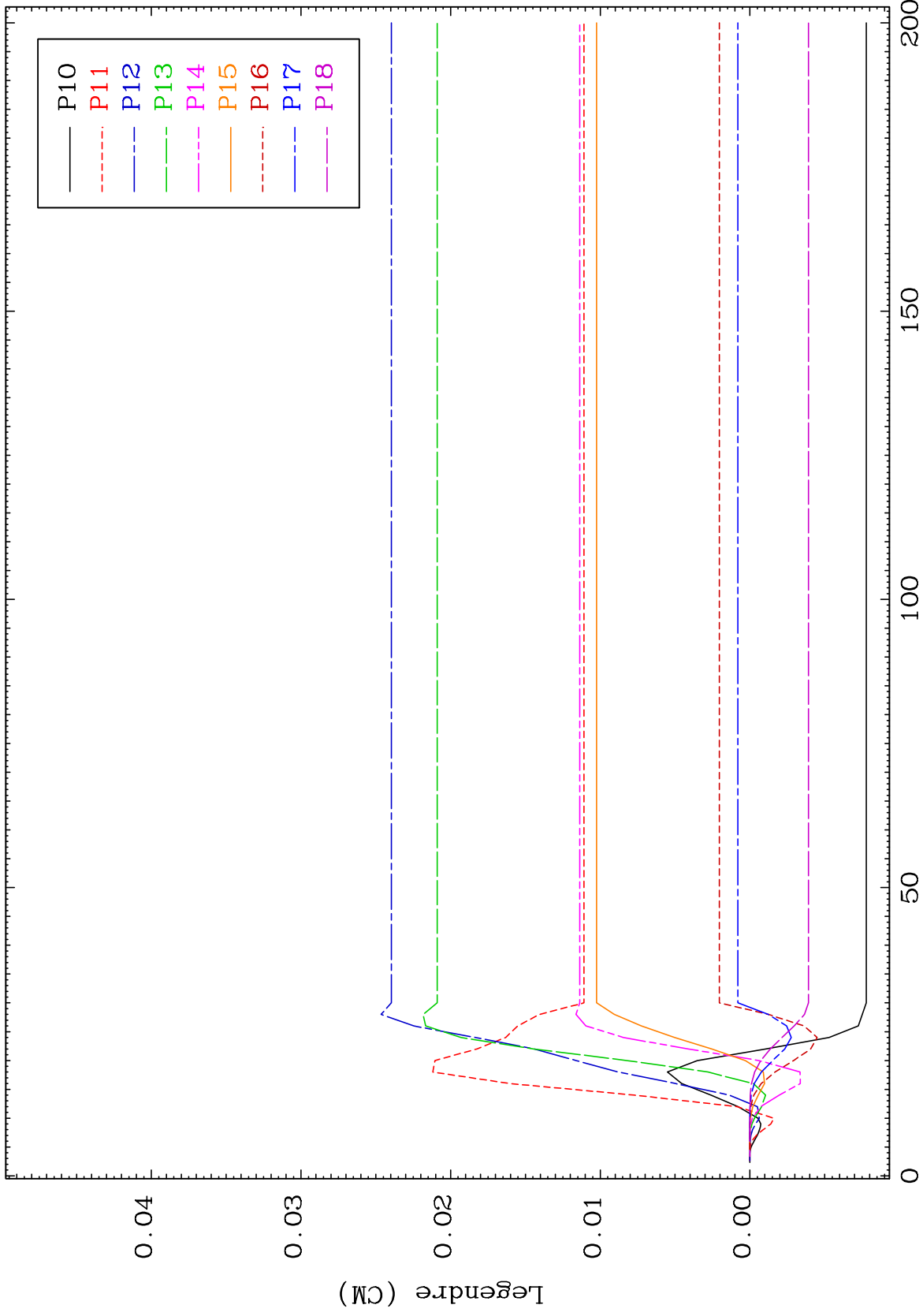
Incident Energy (MeV)

58-Ce-132

MAT 5813

2.296 MeV (n,n') Level
Legendre Coefficients

58-Ce-132



114

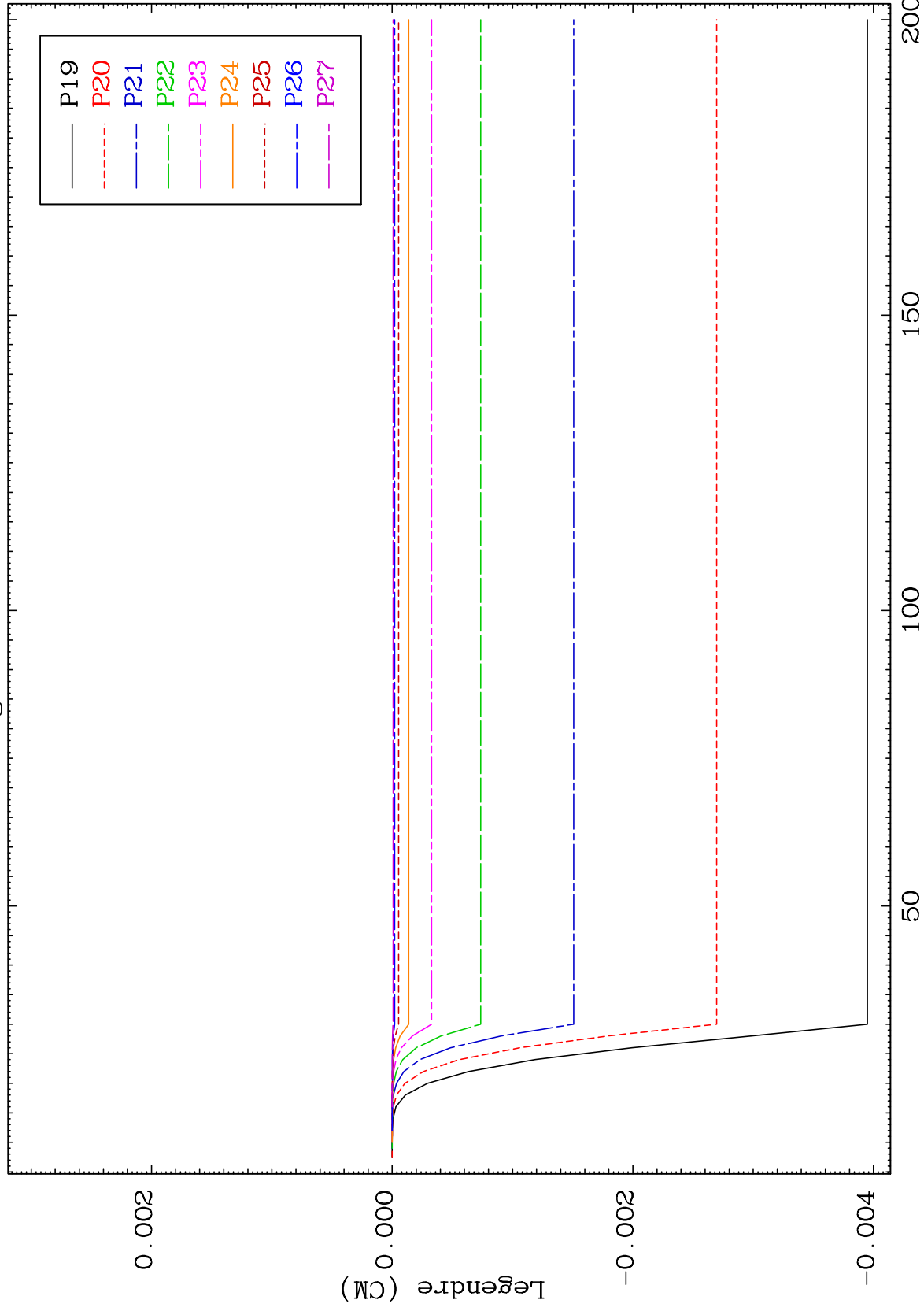
Incident Energy (MeV)

58-Ce-132

MAT 5813

2.296 MeV (n,n') Level
Legendre Coefficients

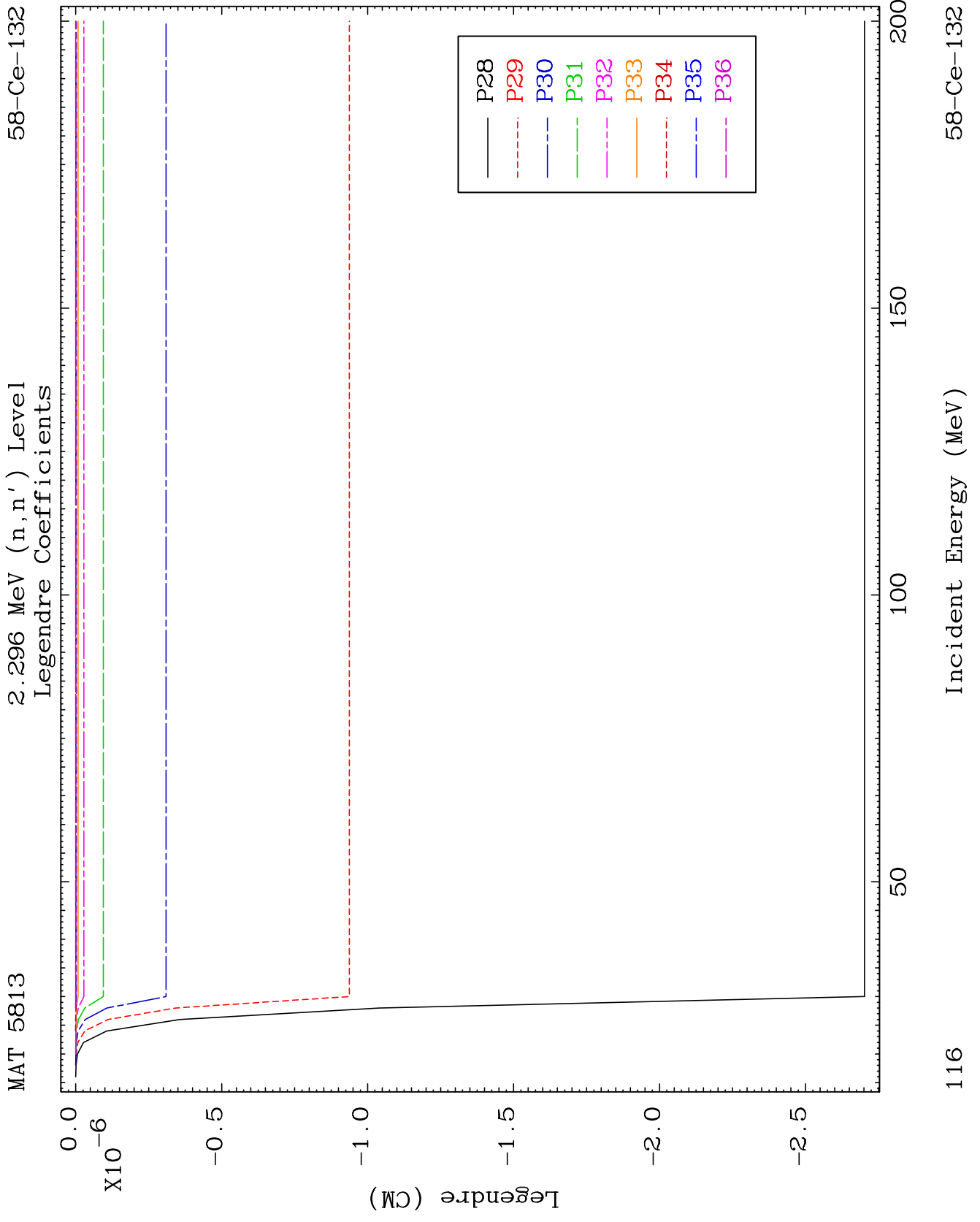
58-Ce-132

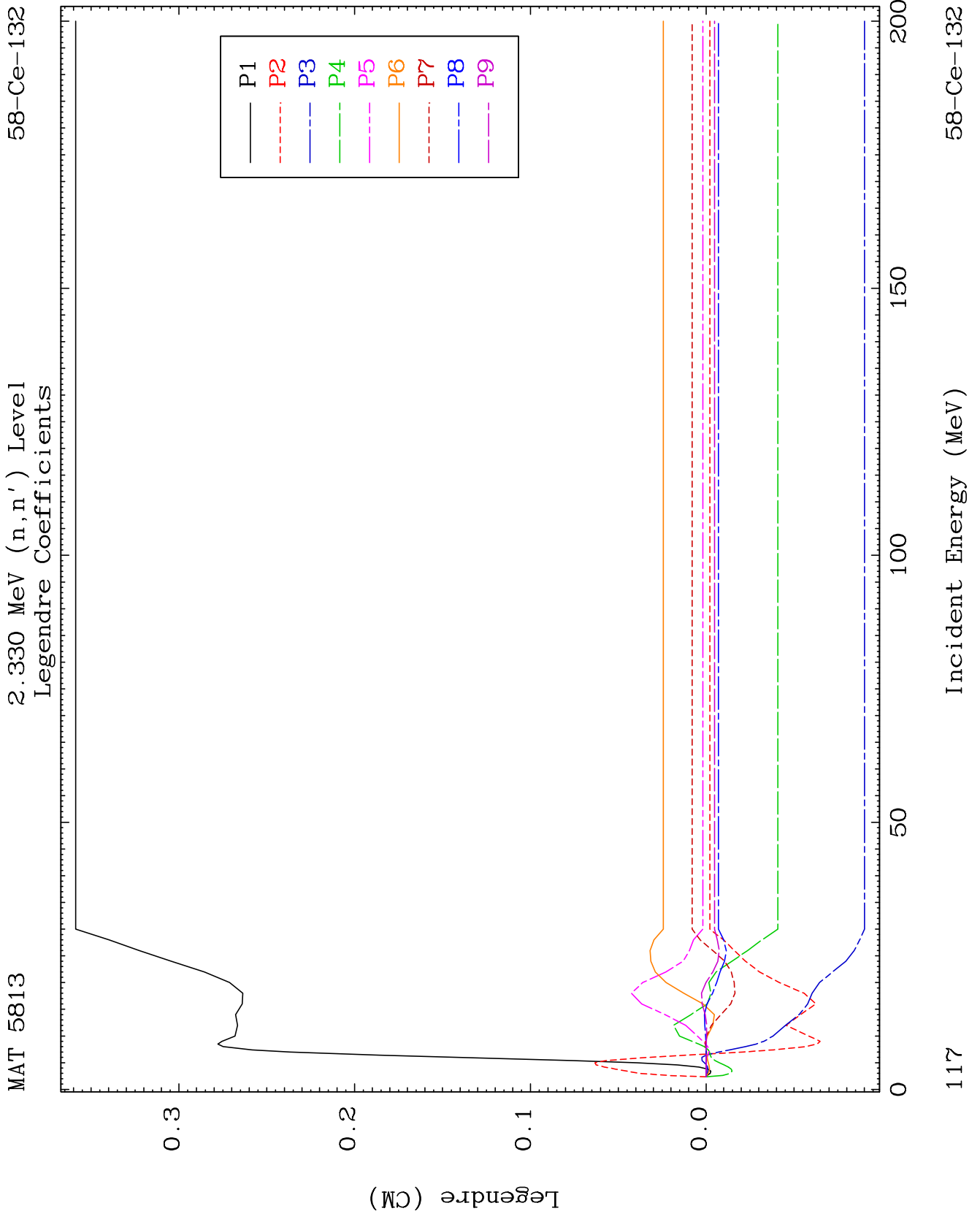


115

Incident Energy (MeV)

58-Ce-132

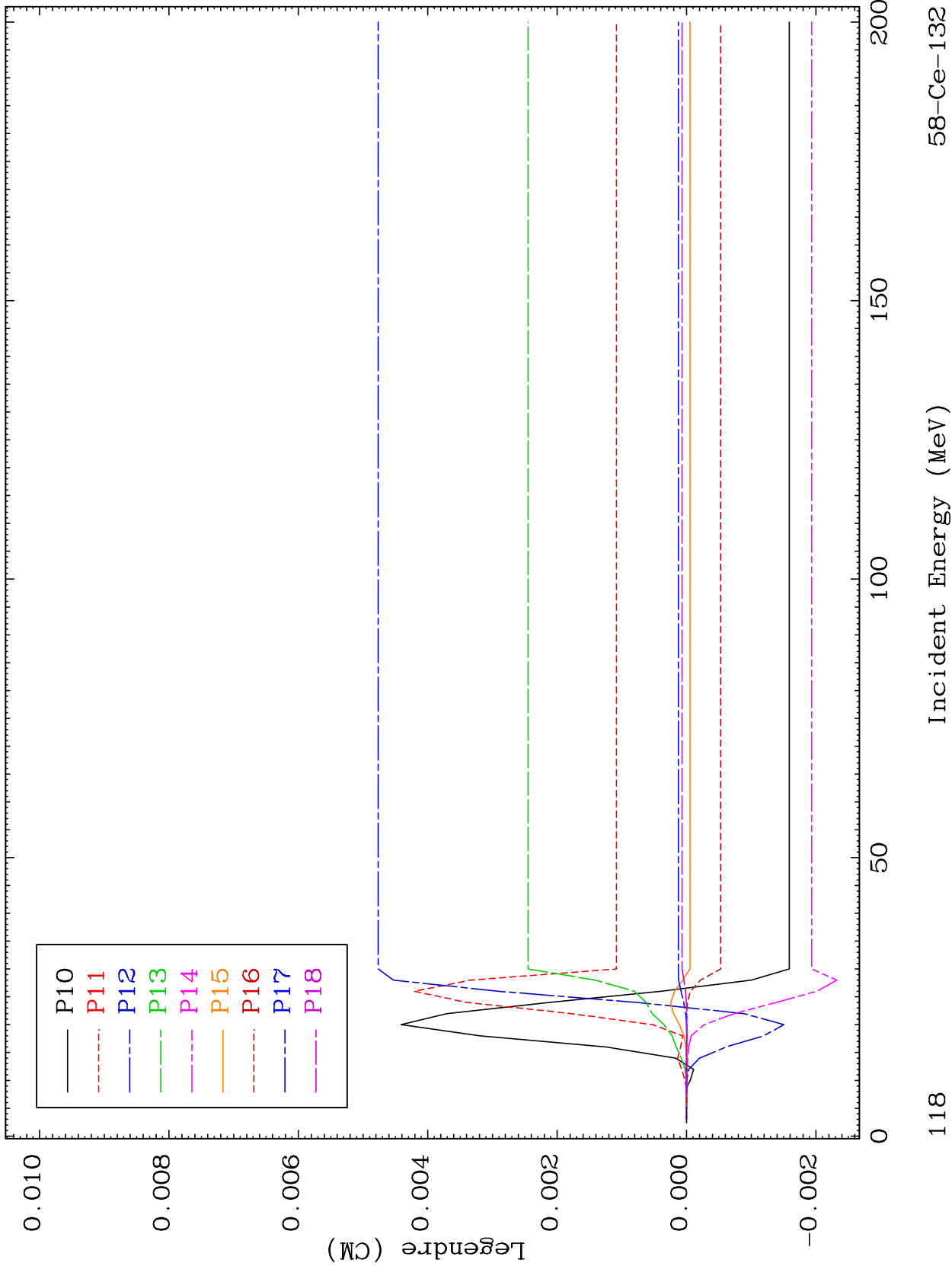




MAT 5813

2.330 MeV (n,n') Level
Legendre Coefficients

58-Ce-132



118

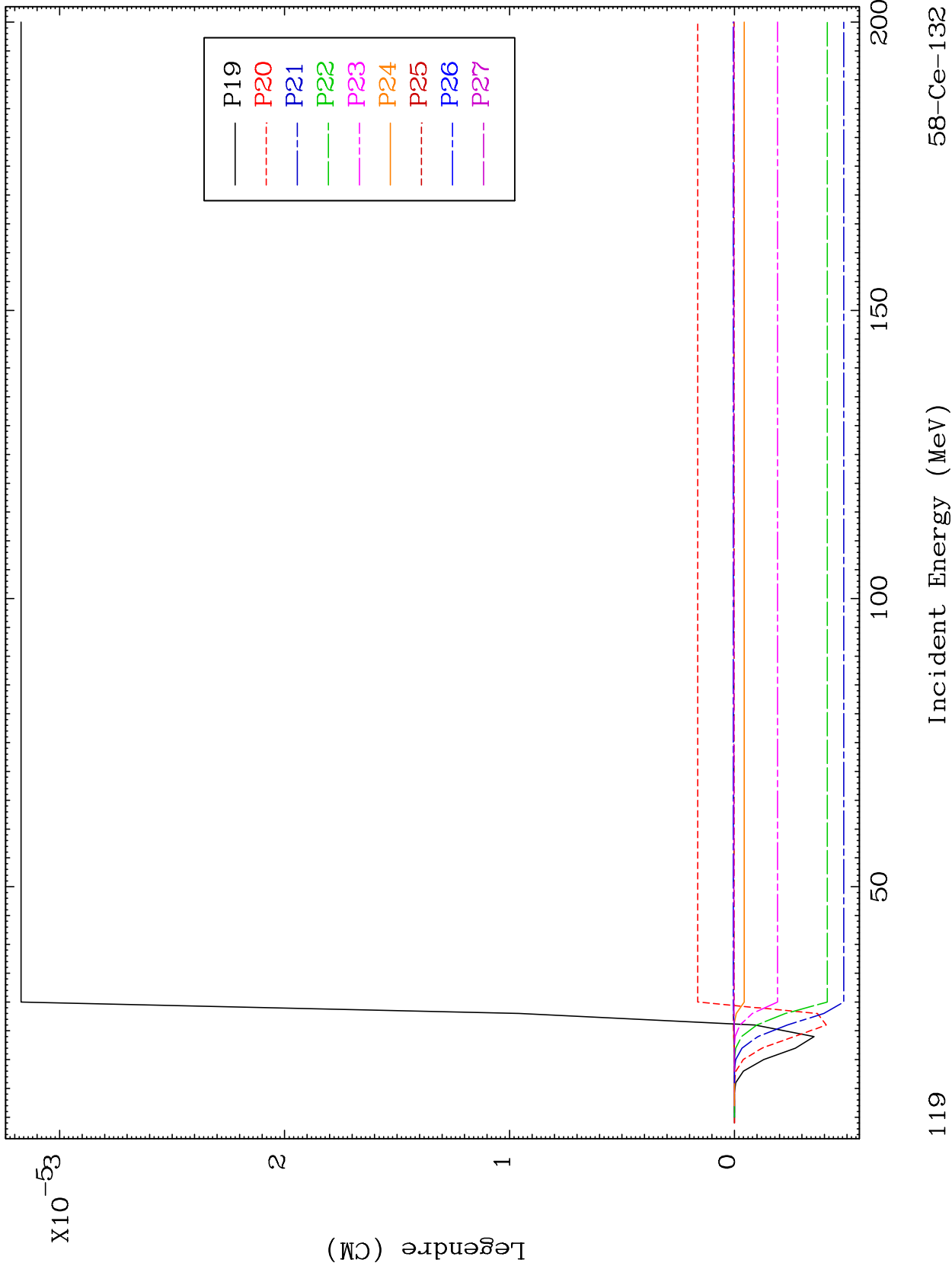
Incident Energy (MeV)

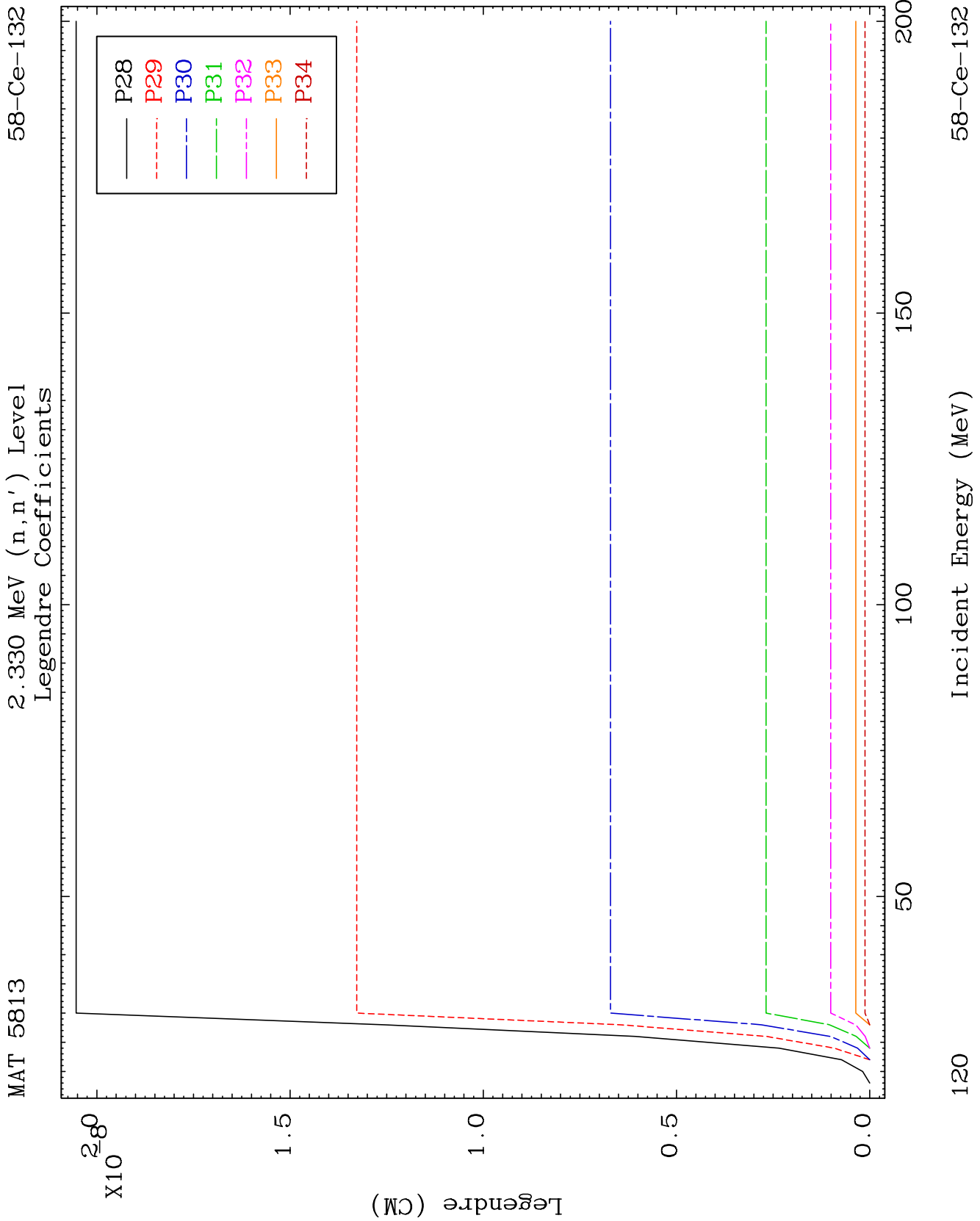
58-Ce-132

MAT 5813

2.330 MeV (n,n') Level
Legendre Coefficients

58-Ce-132

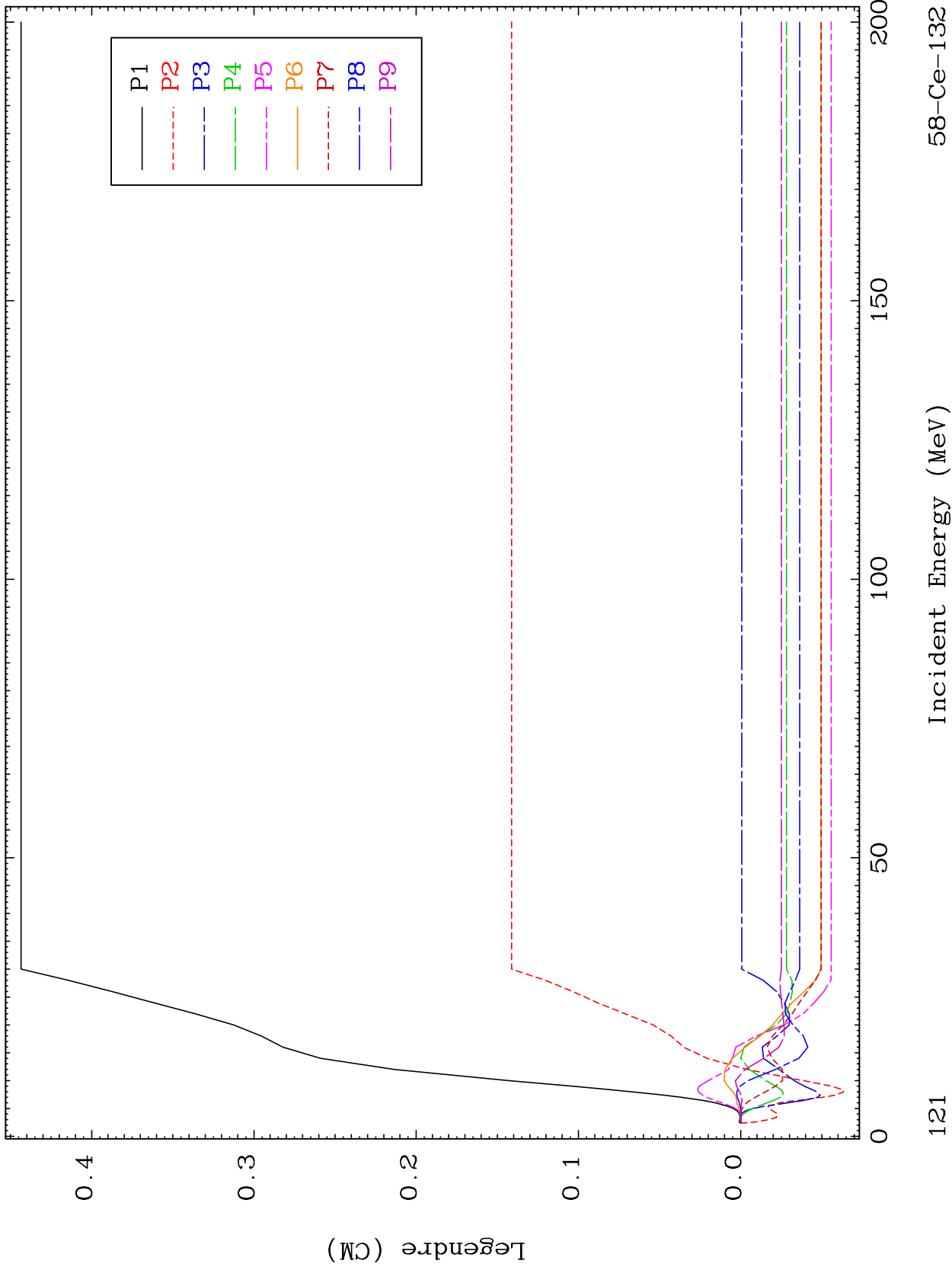




MAT 5813

2.336 MeV (n,n') Level
Legendre Coefficients

58-Ce-132



121

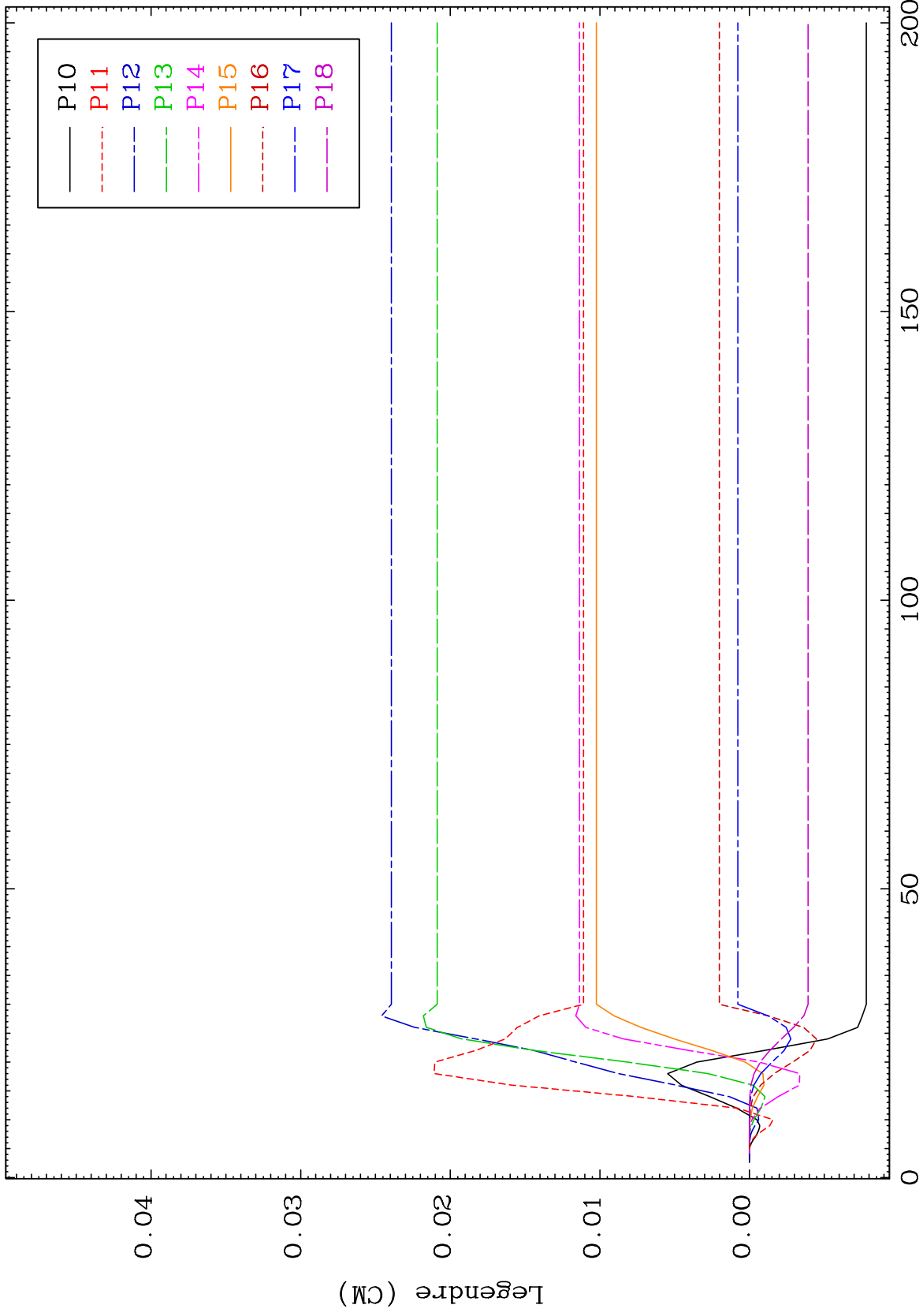
Incident Energy (MeV)

58-Ce-132

MAT 5813

2.336 MeV (n,n') Level
Legendre Coefficients

58-Ce-132



122

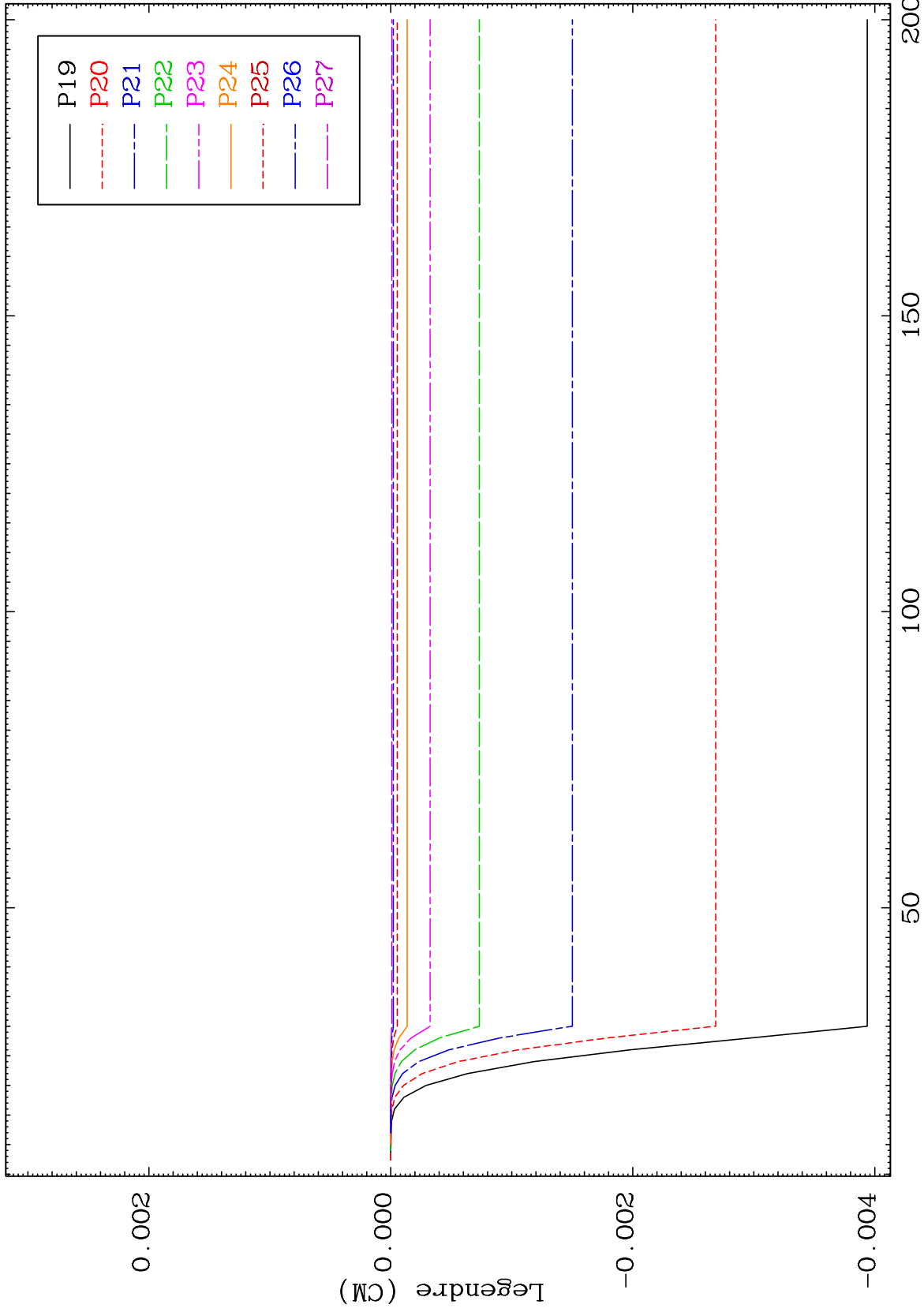
Incident Energy (MeV)

58-Ce-132

MAT 5813

2.336 MeV (n,n') Level
Legendre Coefficients

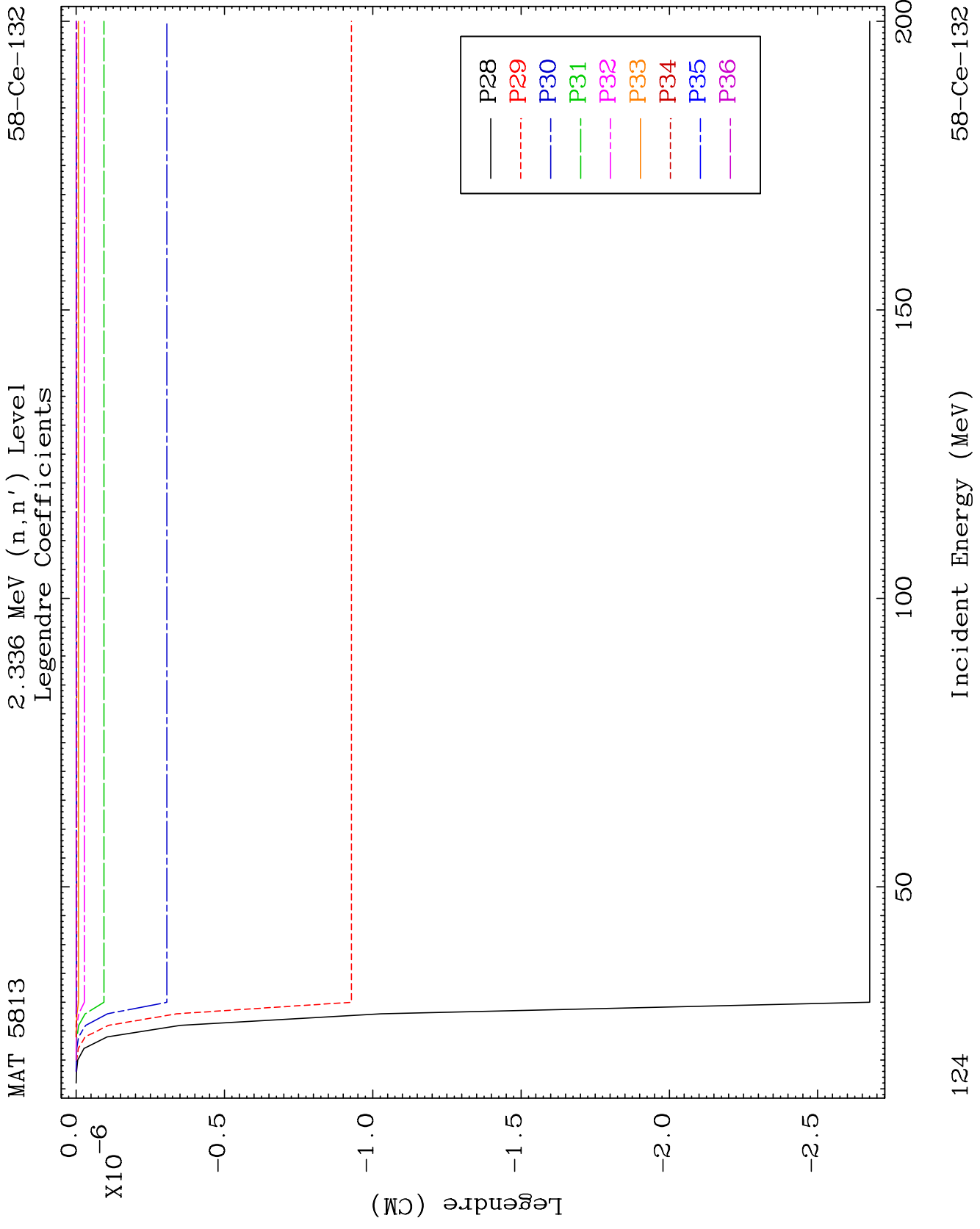
58-Ce-132



123

Incident Energy (MeV)

58-Ce-132

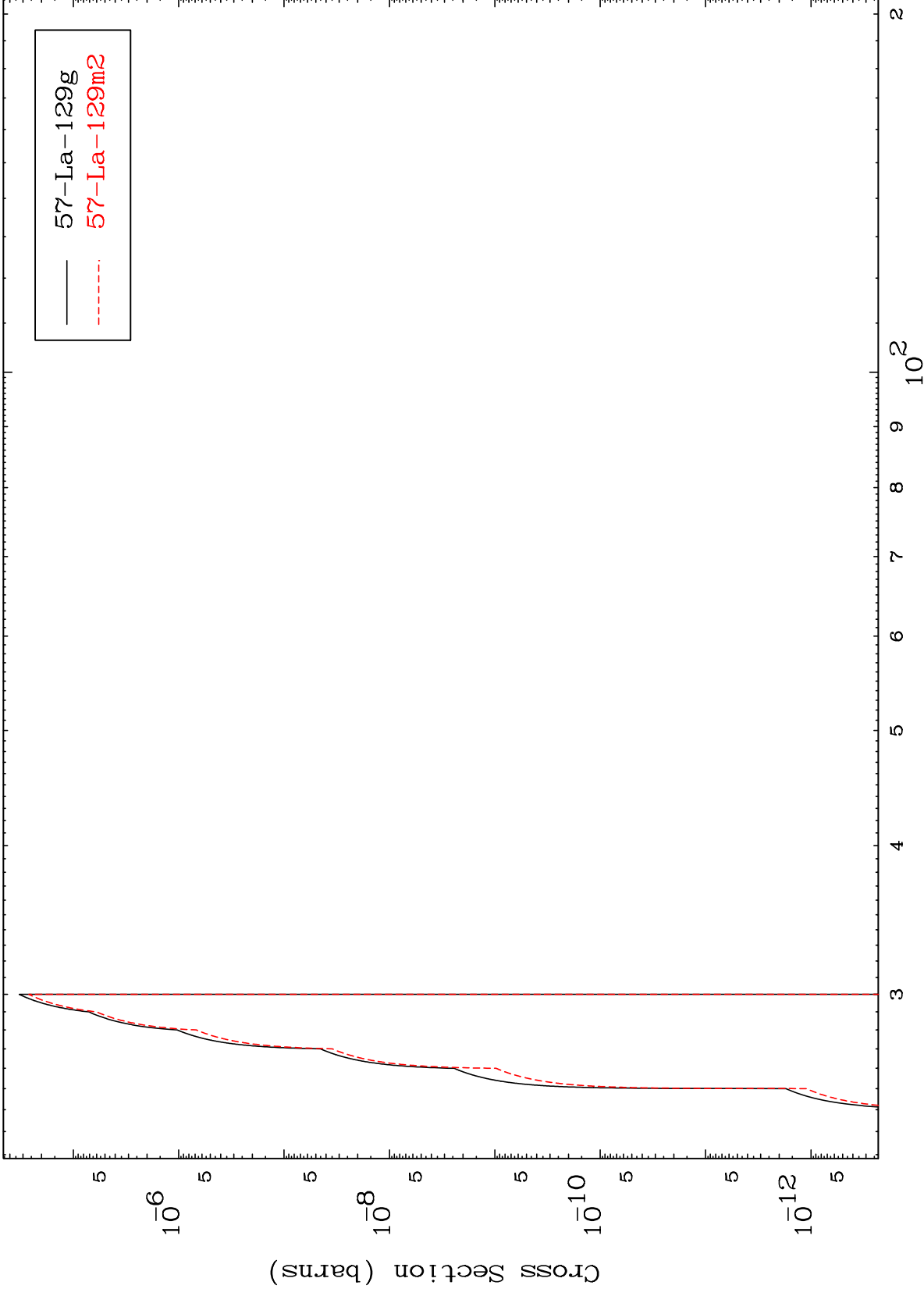


MAT 5813

(n,2n) d

58-Ce-132

Radionuclide Production Cross Section



57-La-129g
57-La-129m2

125

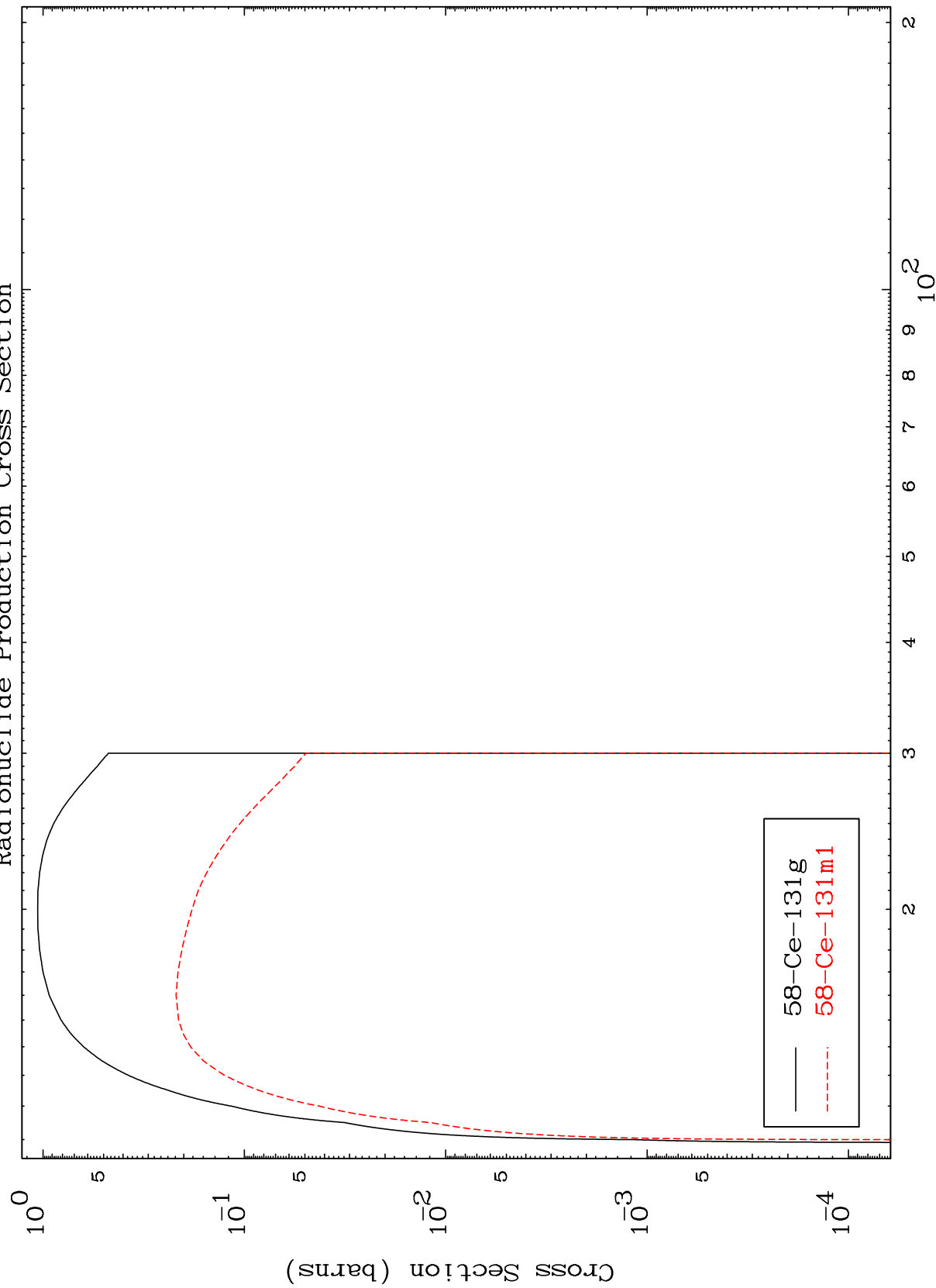
Incident Energy (MeV)

58-Ce-132

MAT 5813

58-Ce-132

(n,2n)
Radionuclide Production Cross Section



126

Incident Energy (MeV)

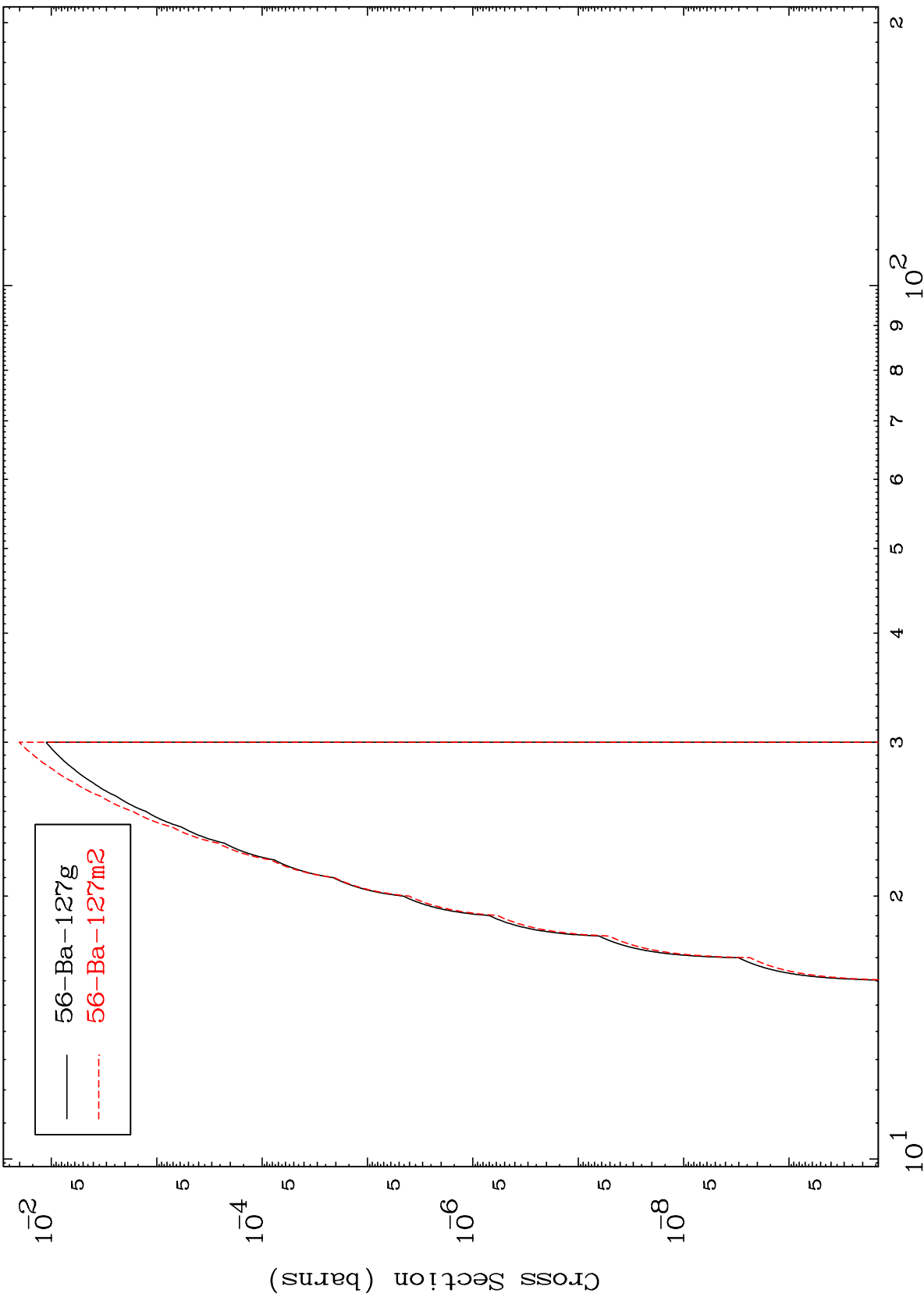
58-Ce-132

MAT 5813

(n,2n) α

58-Ce-132

Radionuclide Production Cross Section



127

Incident Energy (MeV)

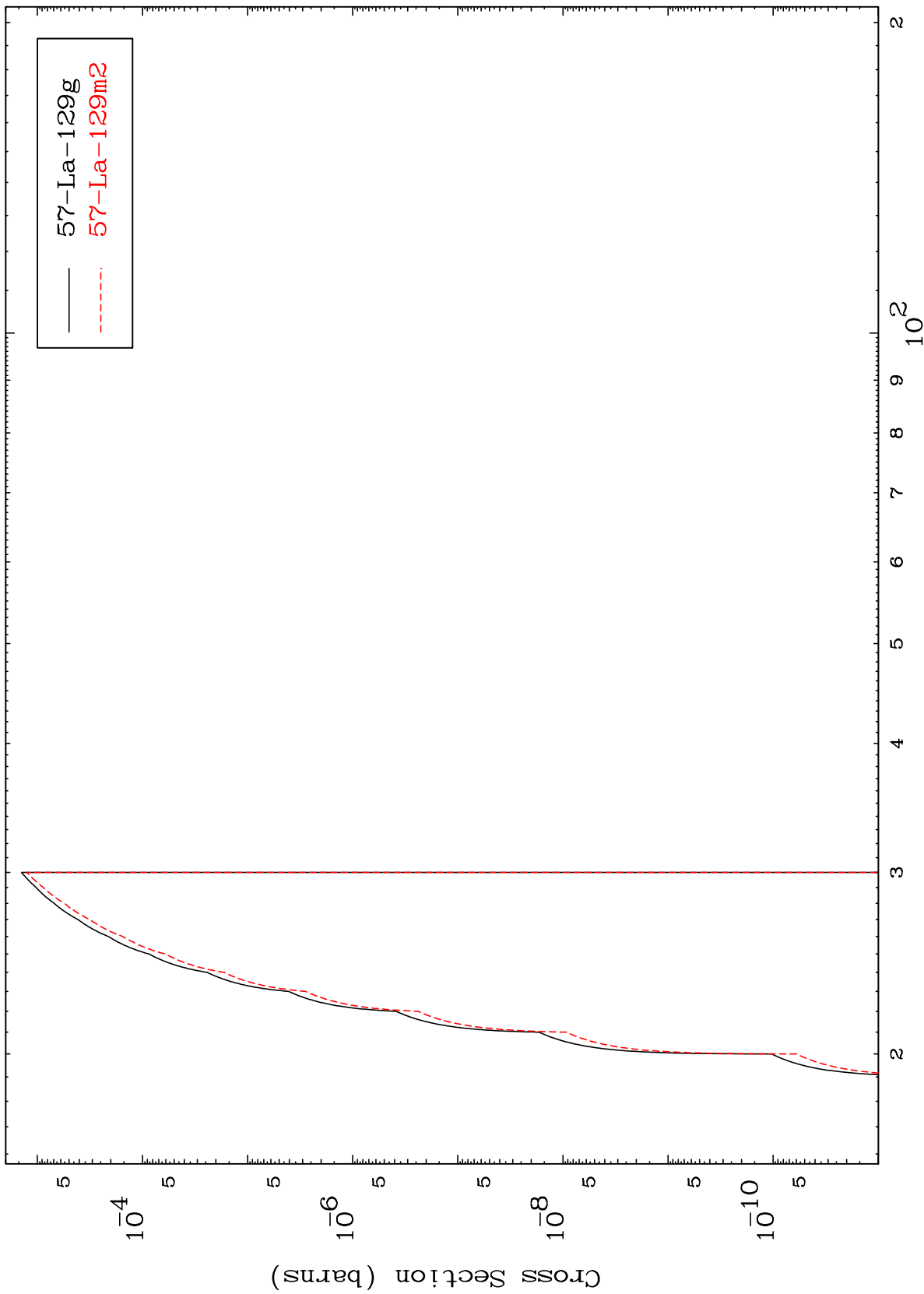
58-Ce-132

MAT 5813

(n,n') t

58-Ce-132

Radionuclide Production Cross Section

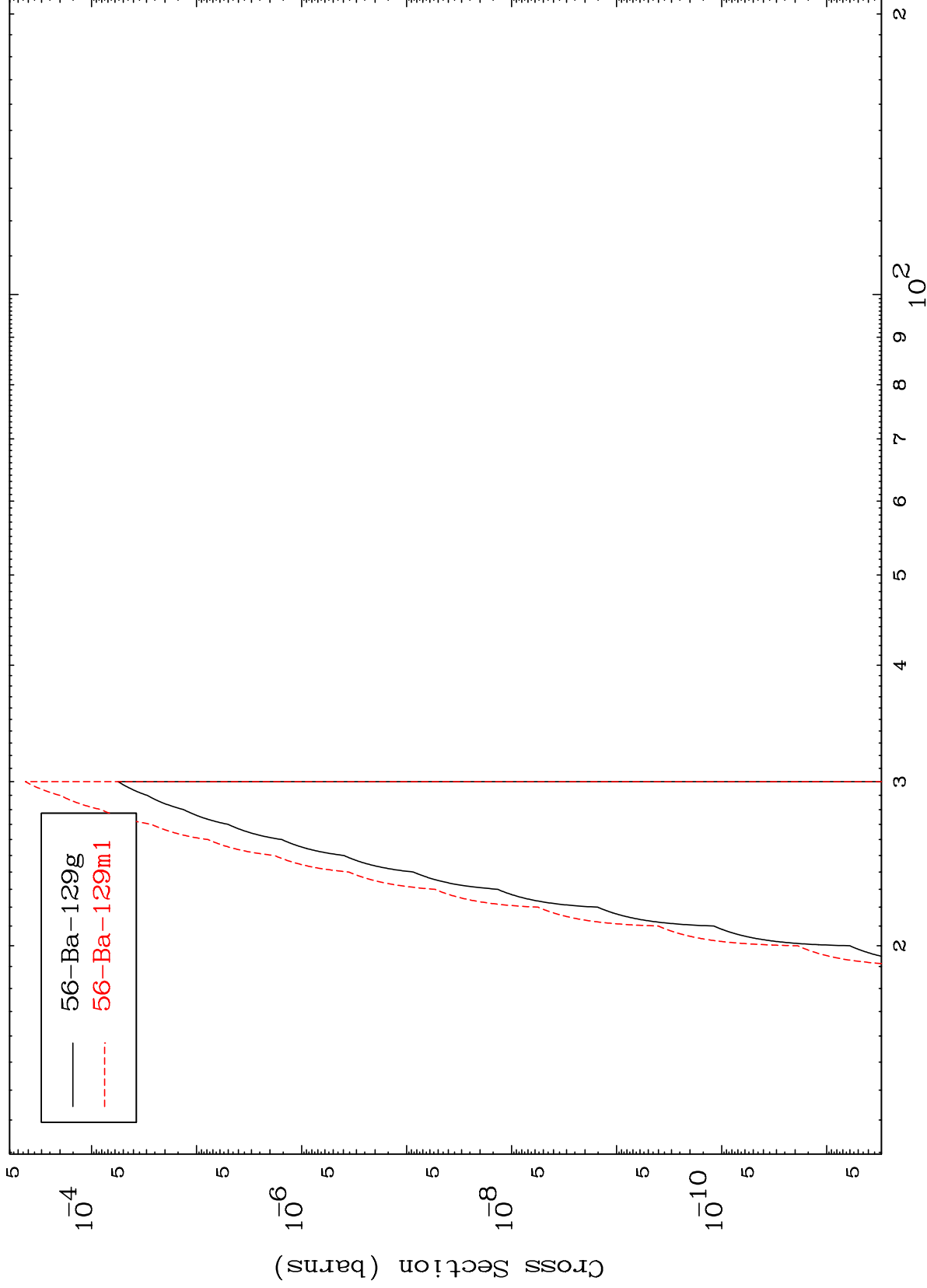


128

Incident Energy (MeV)

58-Ce-132

Radionuclide Production Cross Section

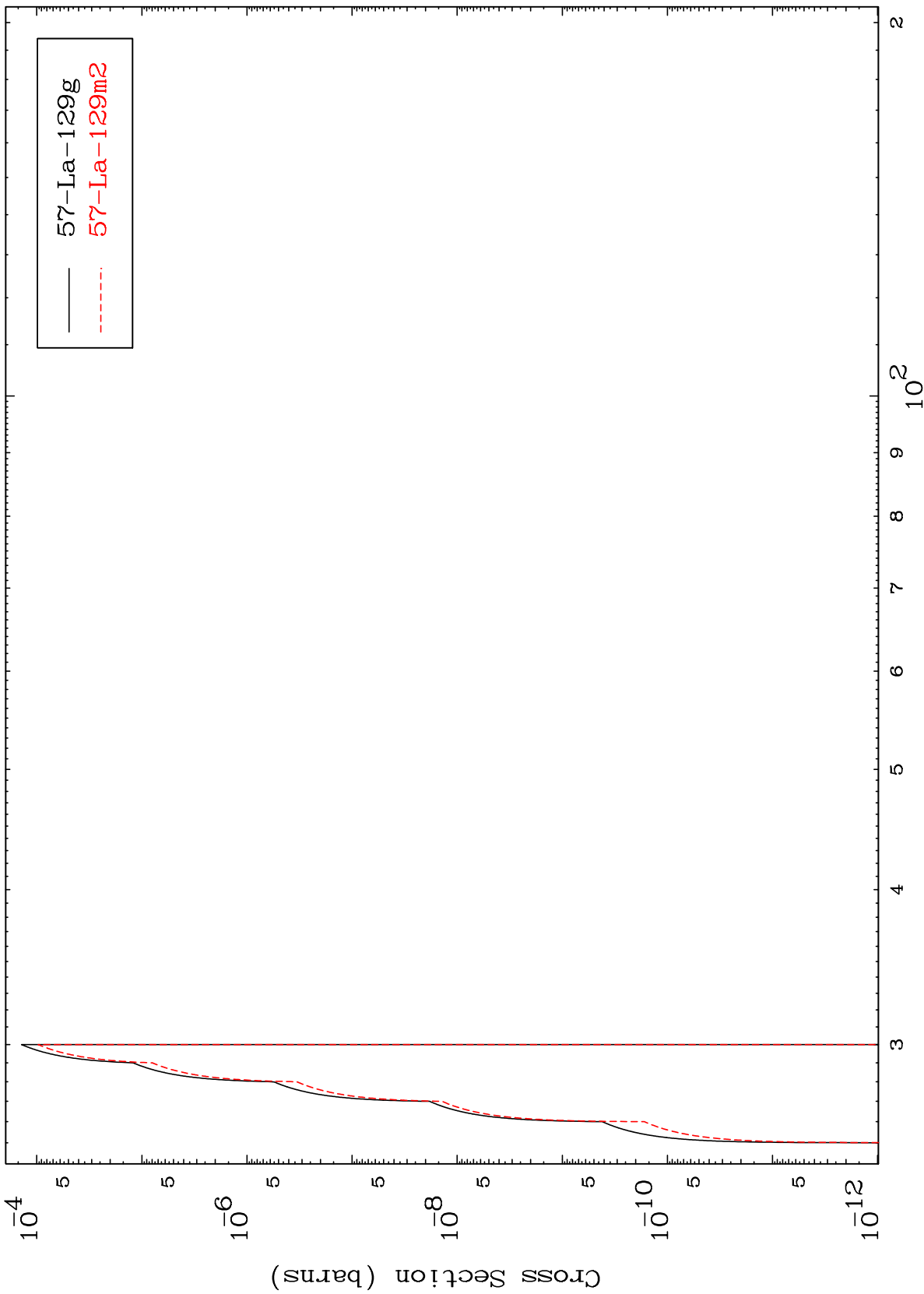


MAT 5813

(n,3n) p

58-Ce-132

Radionuclide Production Cross Section



130

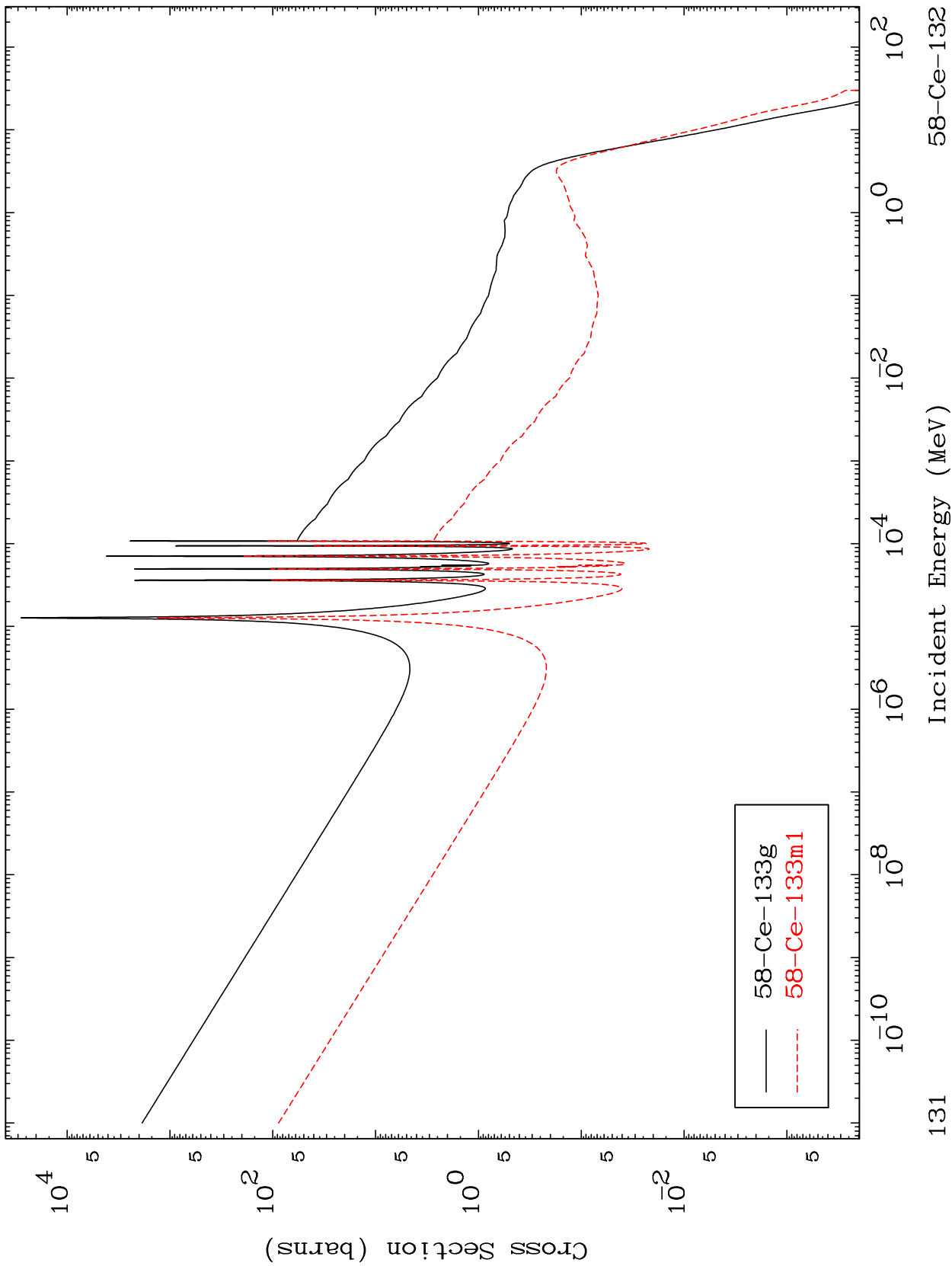
Incident Energy (MeV)

58-Ce-132

MAT 5813

58-Ce-132

(n, γ)
Radionuclide Production Cross Section



131

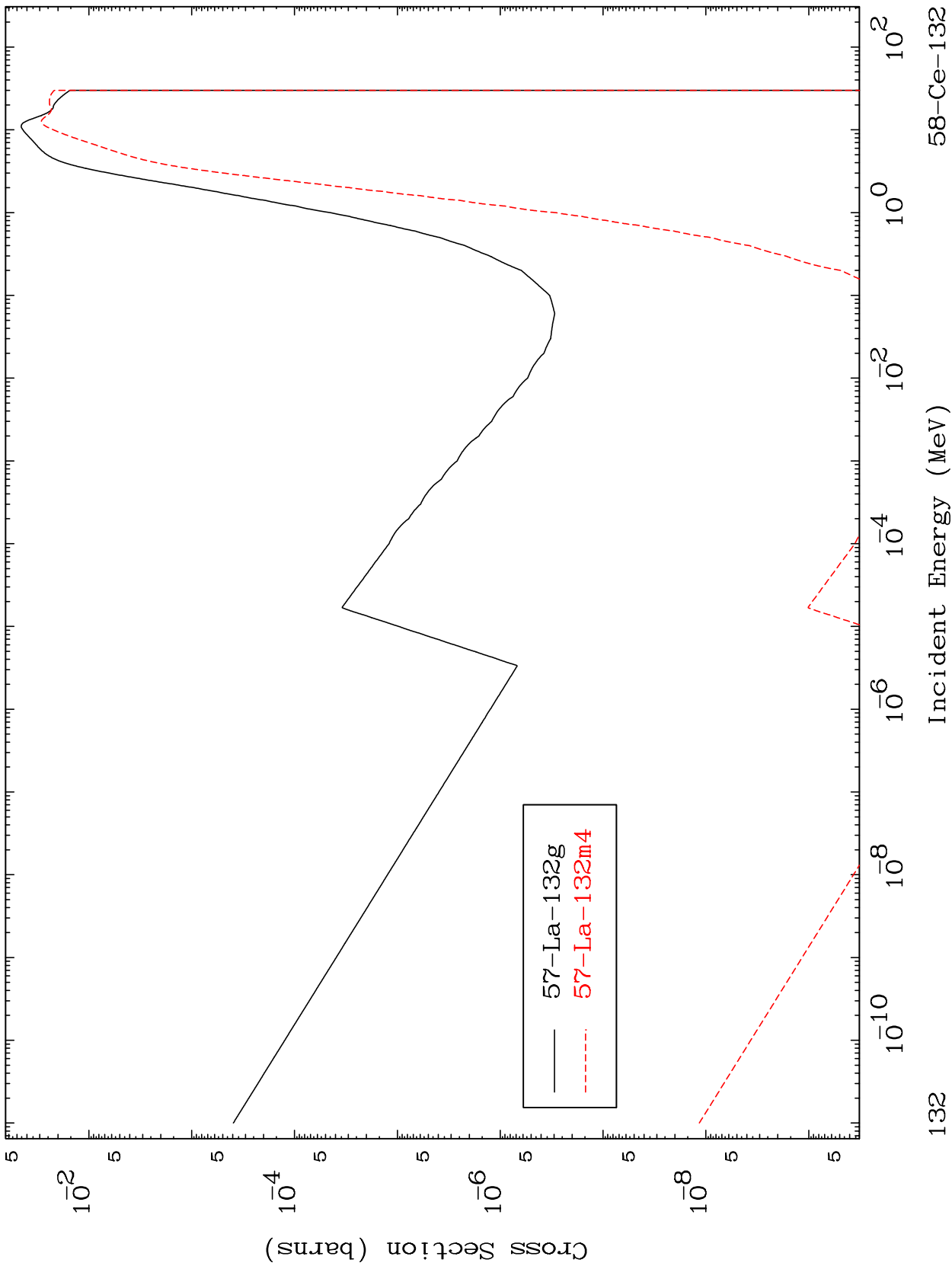
58-Ce-132

MAT 5813

(n,p)

58-Ce-132

Radionuclide Production Cross Section



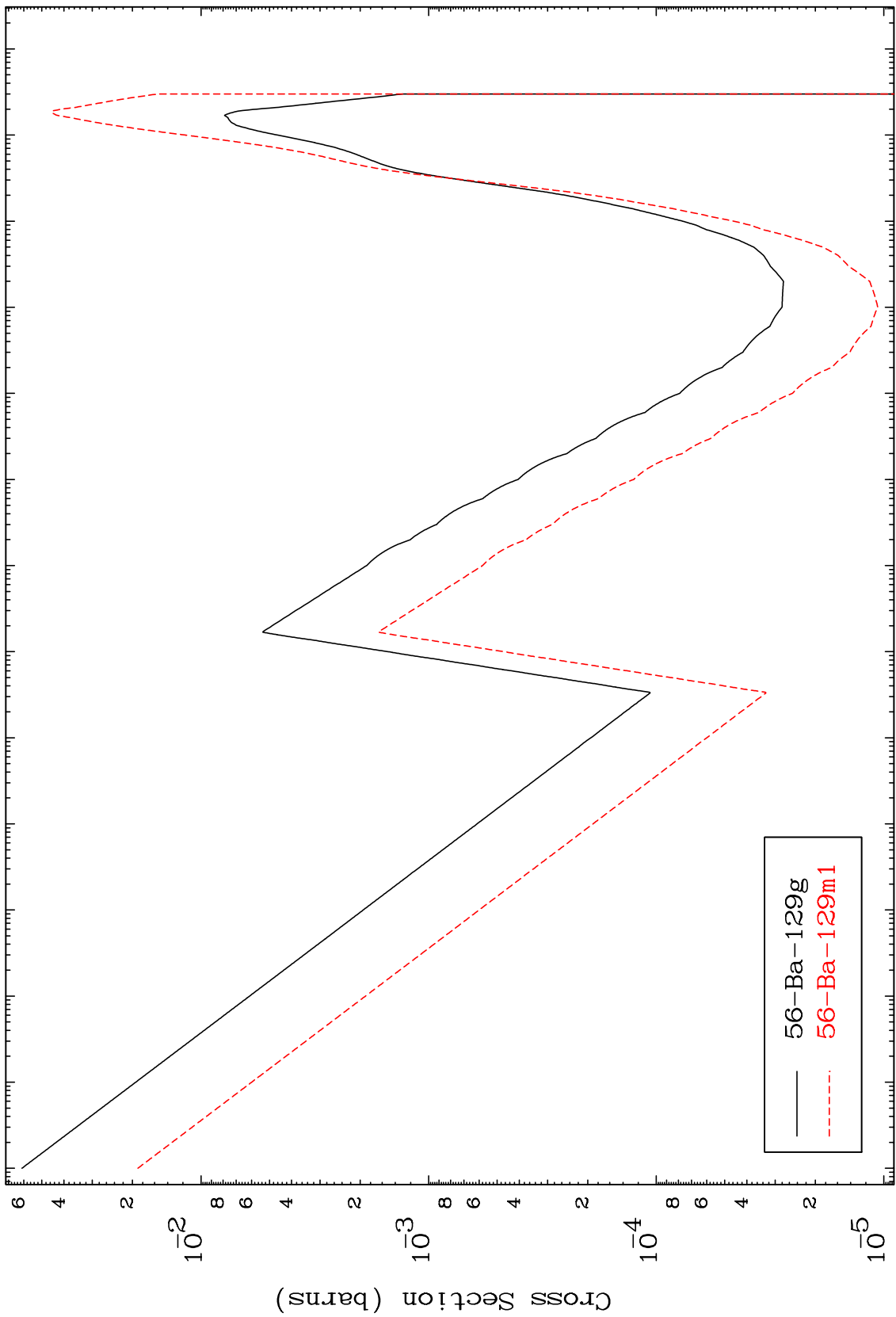
132

MAT 5813

58-Ce-132

Radionuclide Production Cross Section

(n, α)



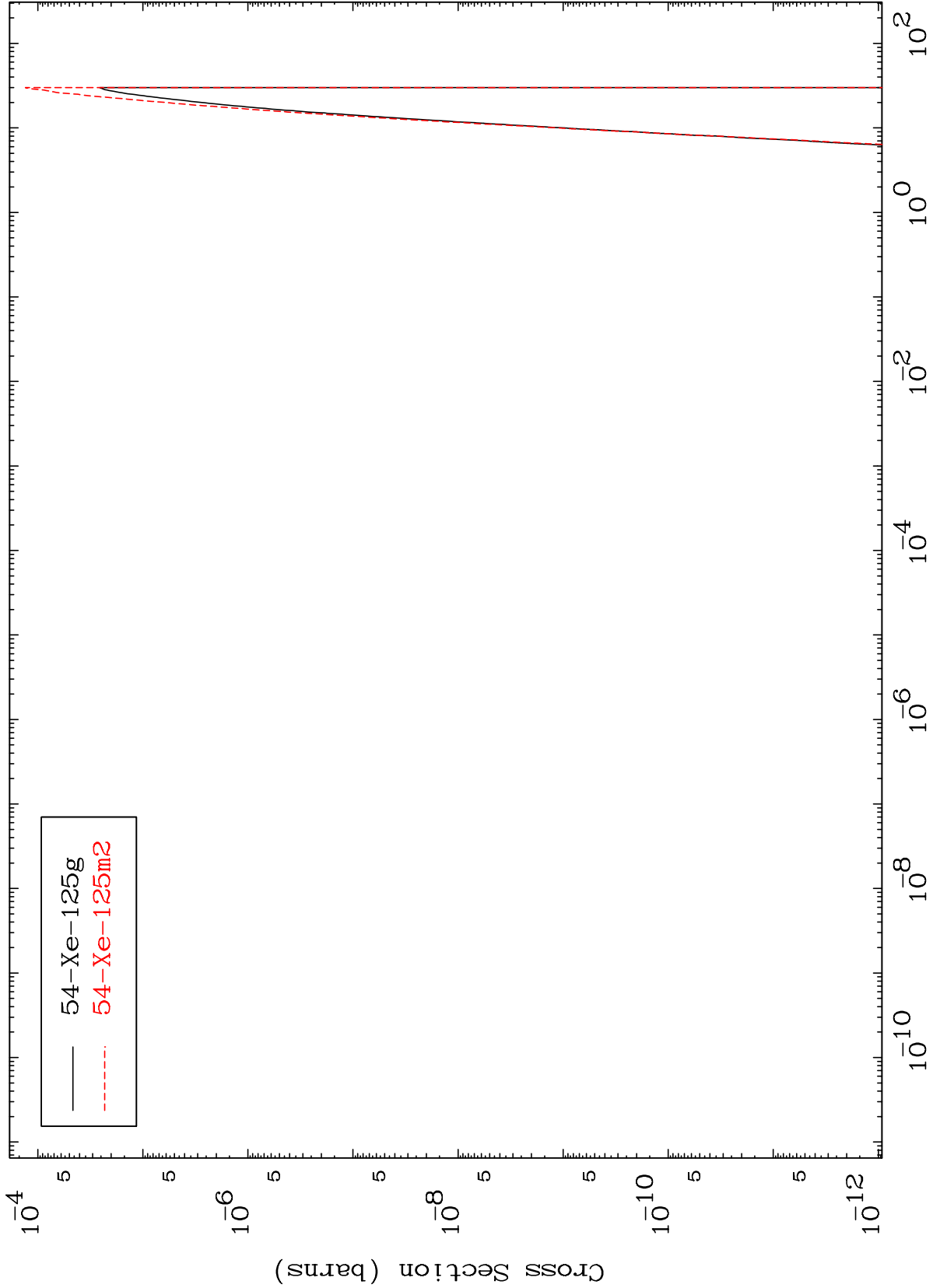
— 56-Ba-129g
- - - 56-Ba-129m1

MAT 5813

(n,2α)

58-Ce-132

Radionuclide Production Cross Section



134

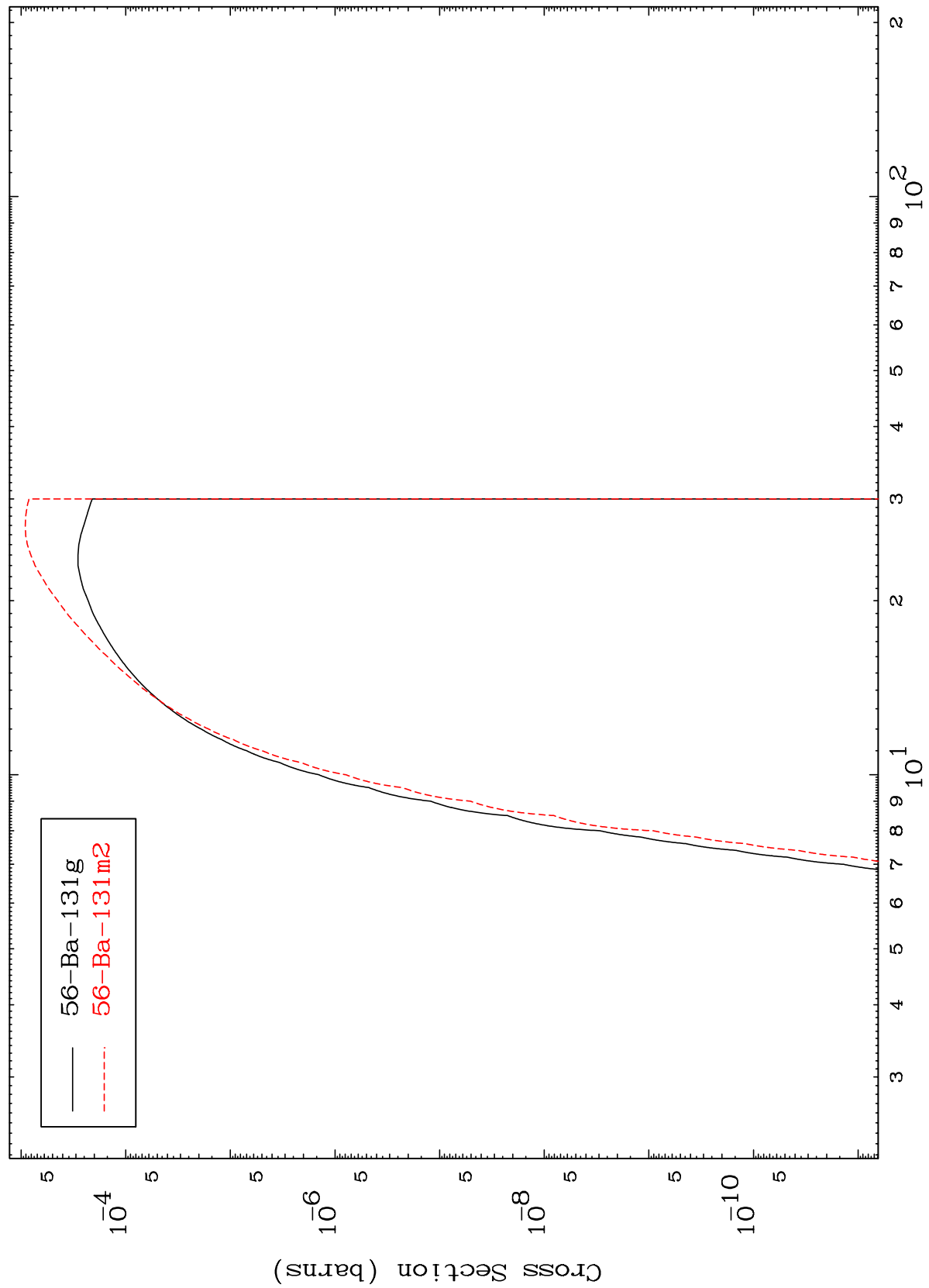
Incident Energy (MeV)

58-Ce-132

MAT 5813

58-Ce-132

(n,2p)
Radionuclide Production Cross Section



135

Incident Energy (MeV)

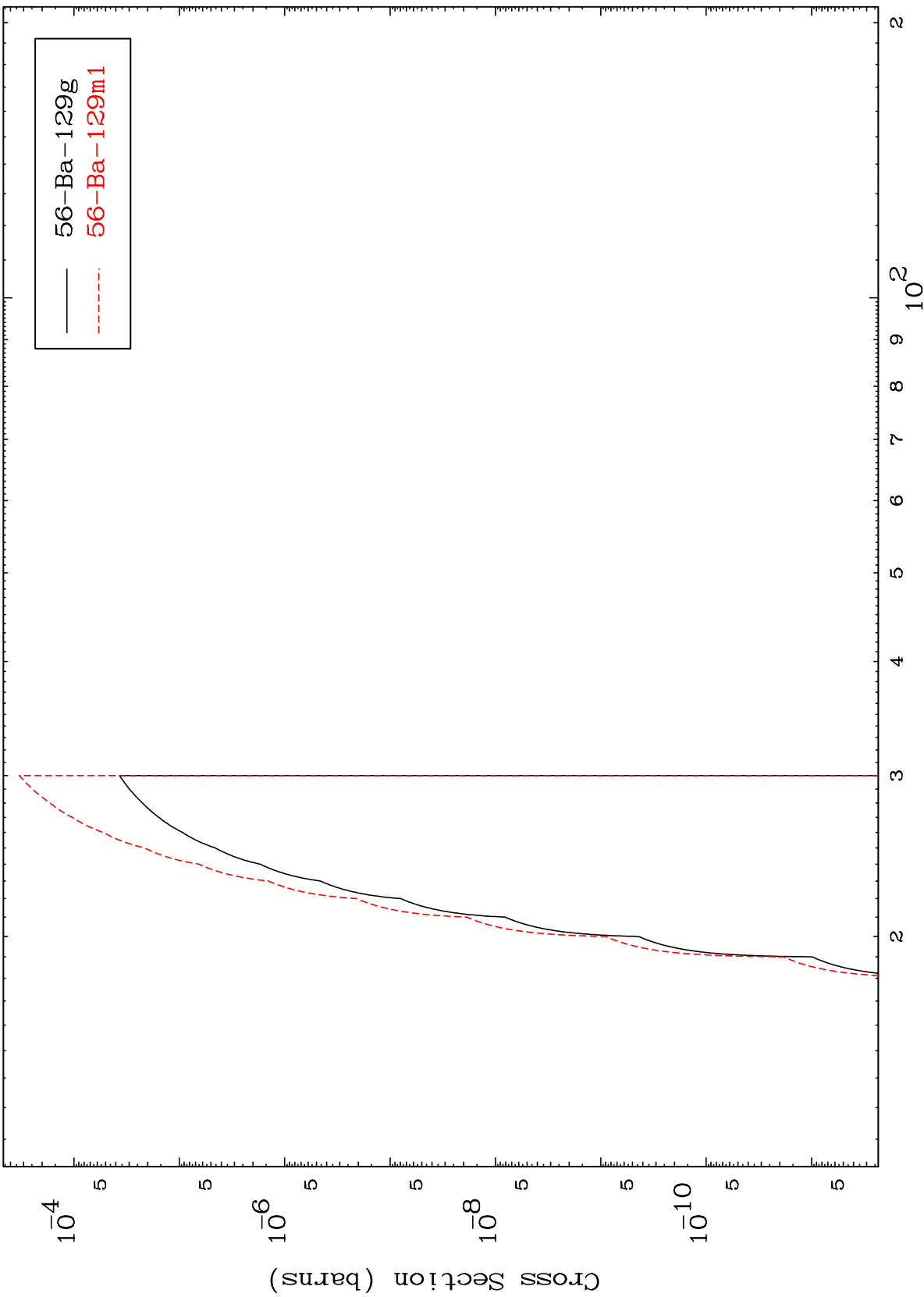
58-Ce-132

MAT 5813

(n,p) t

58-Ce-132

Radionuclide Production Cross Section



136

Incident Energy (MeV)

58-Ce-132