

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

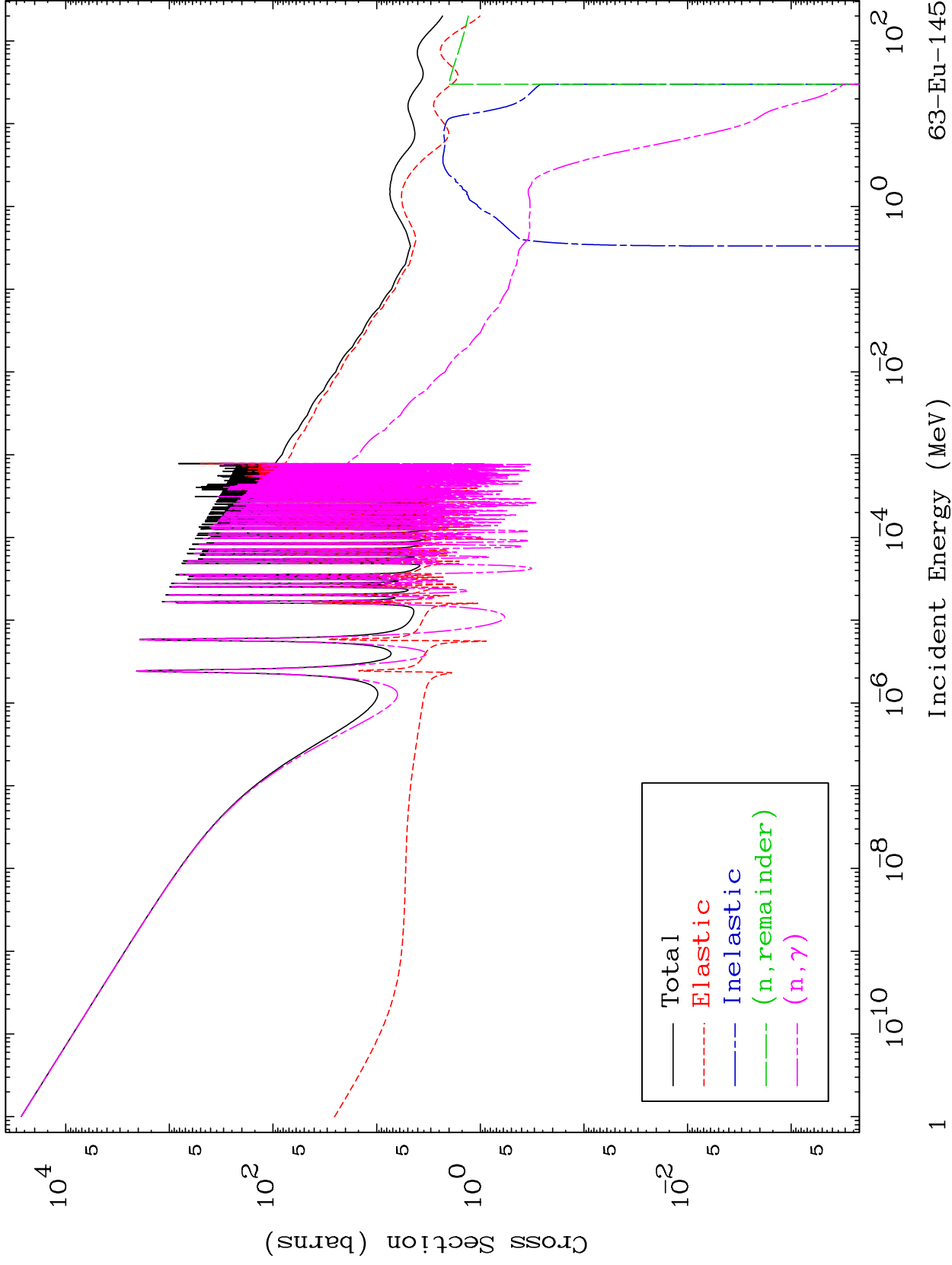
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6307

Major
293 Kelvin Cross Sections

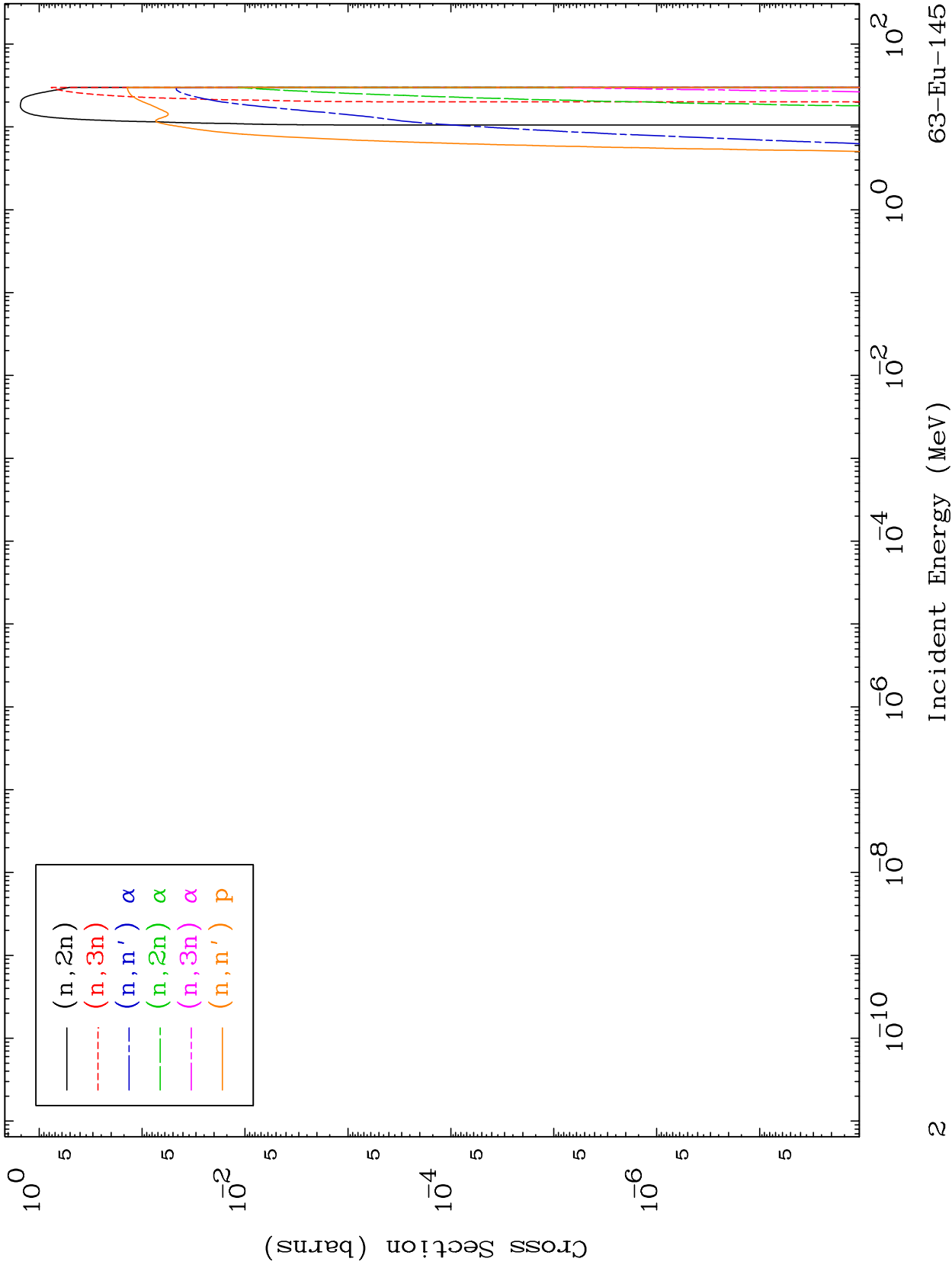
63-Eu-145



MAT 6307

Neutron Production
293 Kelvin Cross Sections

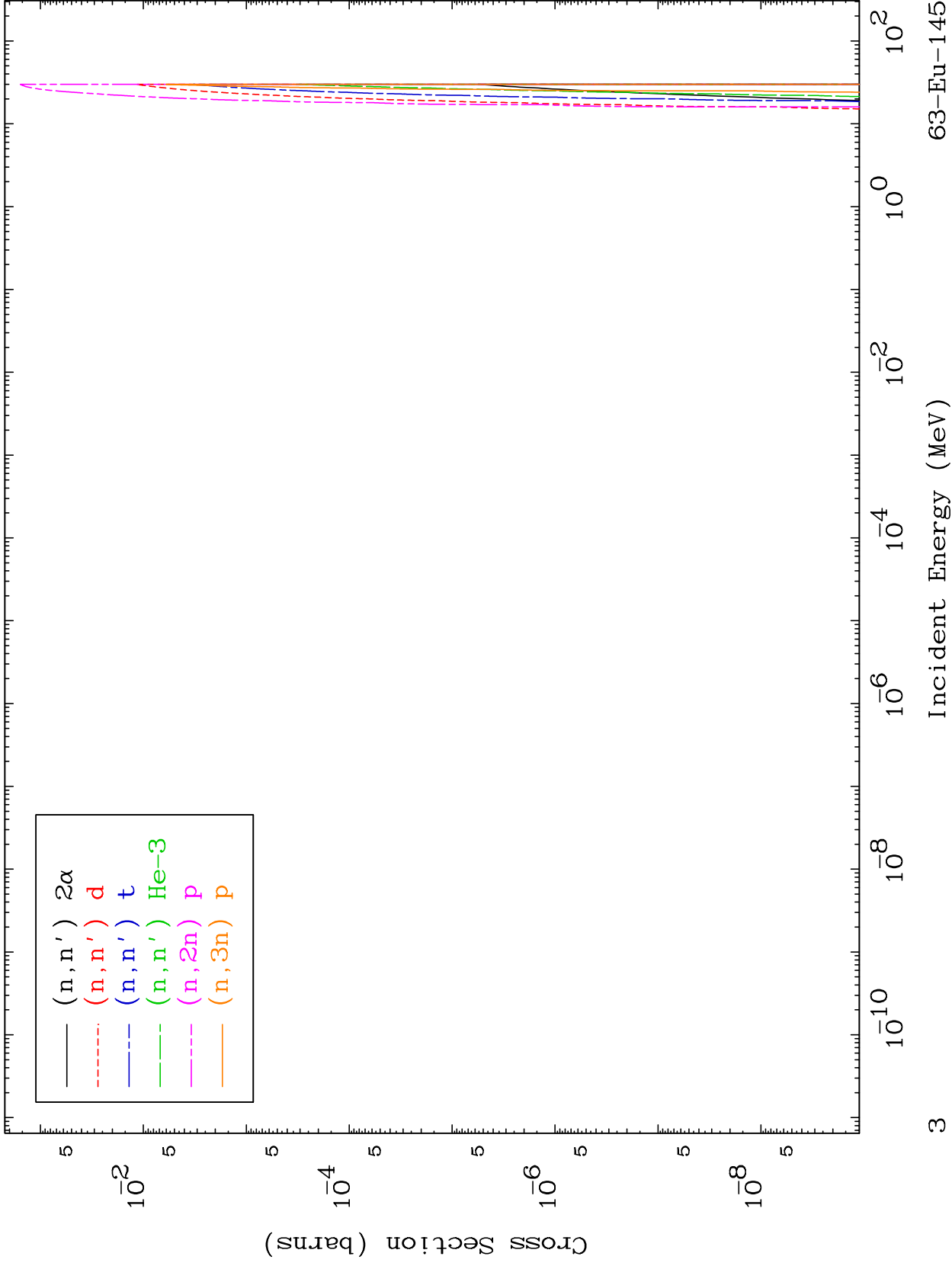
63-Eu-145



MAT 6307

Neutron Production
293 Kelvin Cross Sections

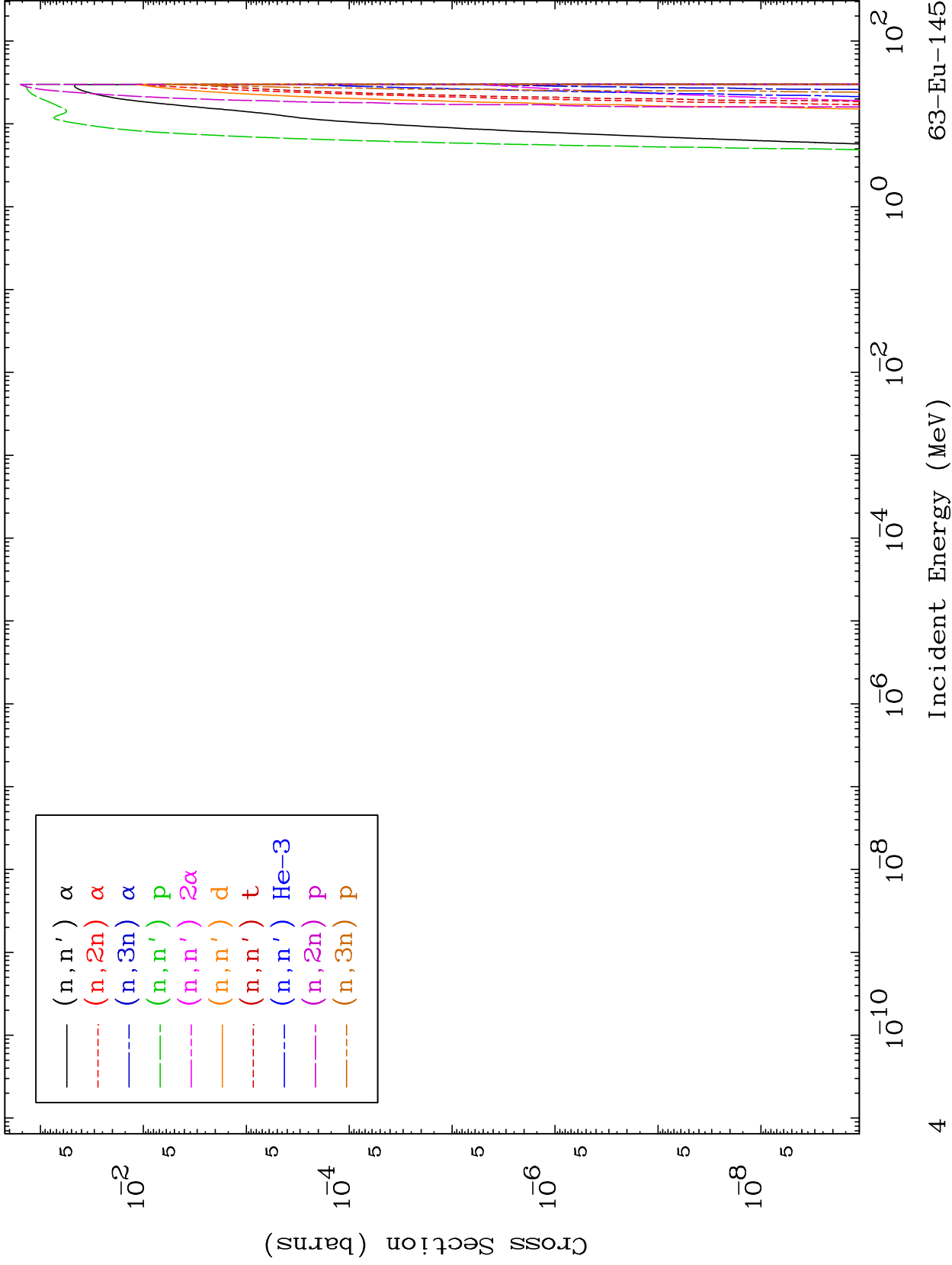
63-Eu-145



MAT 6307

Charged Particle
293 Kelvin Cross Sections

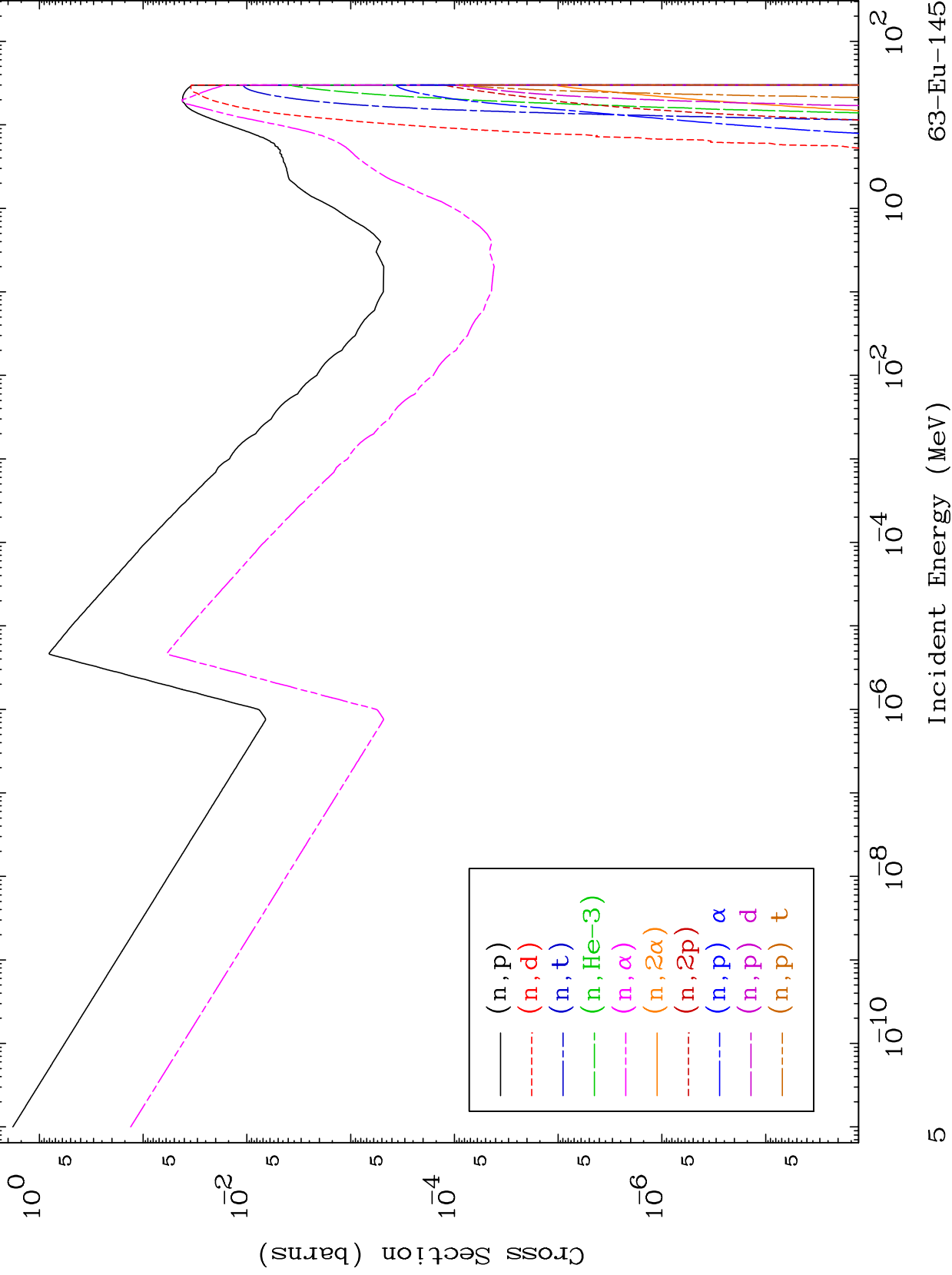
63-Eu-145



MAT 6307

Charged Particle
293 Kelvin Cross Sections

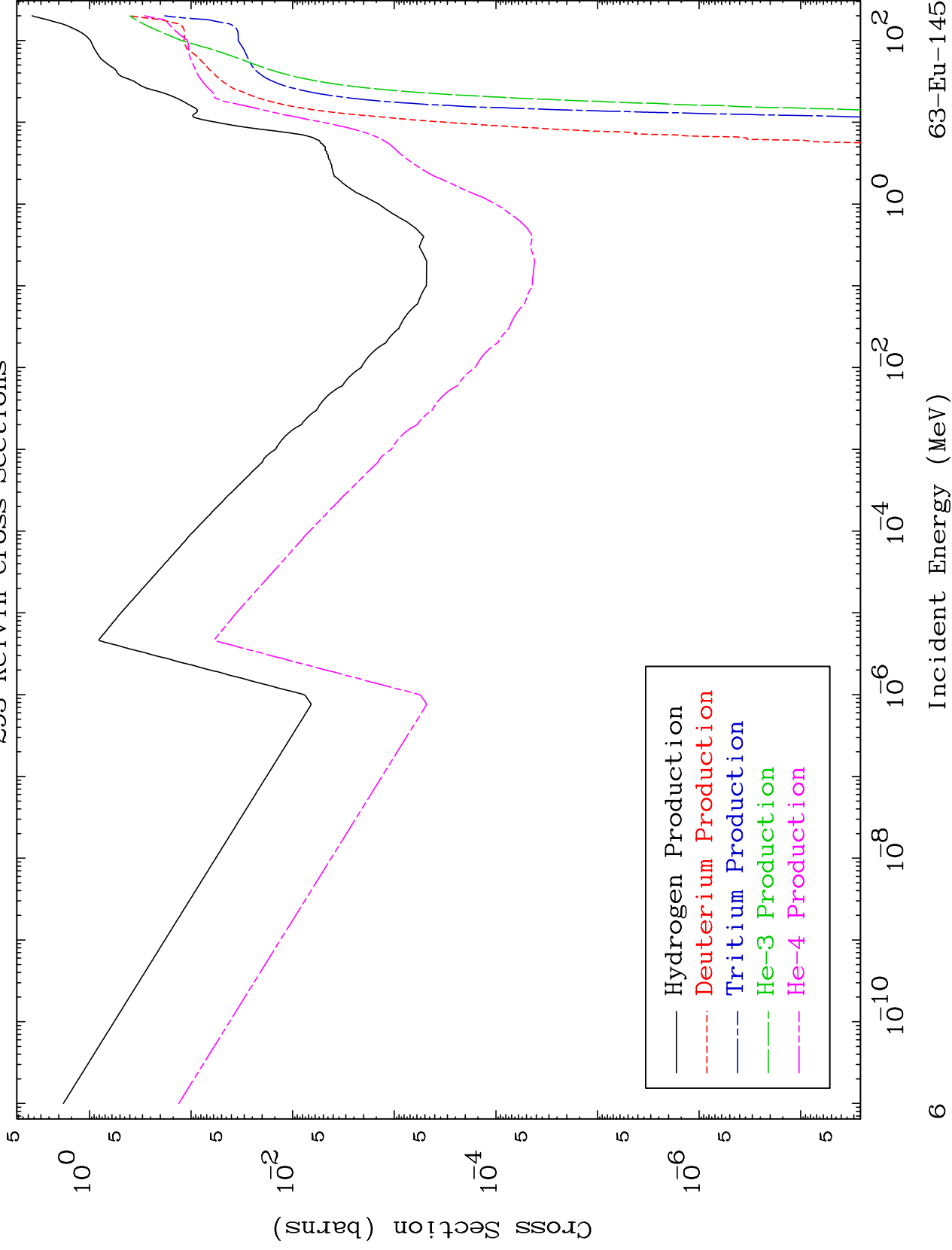
63-Eu-145



MAT 6307

Particle Production
293 Kelvin Cross Sections

63-Eu-145

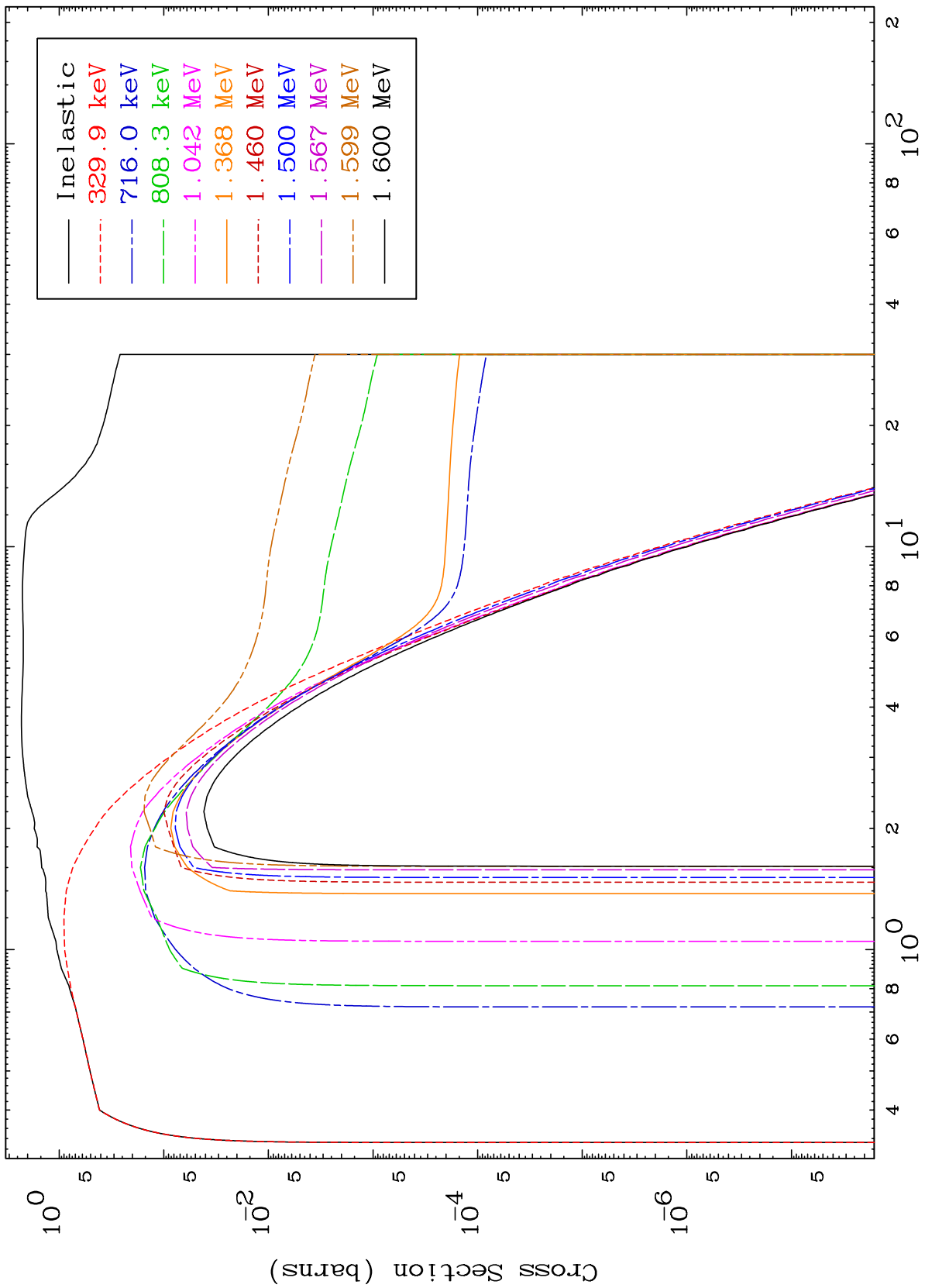


MAT 6307

(n,n') Level

63-Eu-145

293 Kelvin Cross Sections

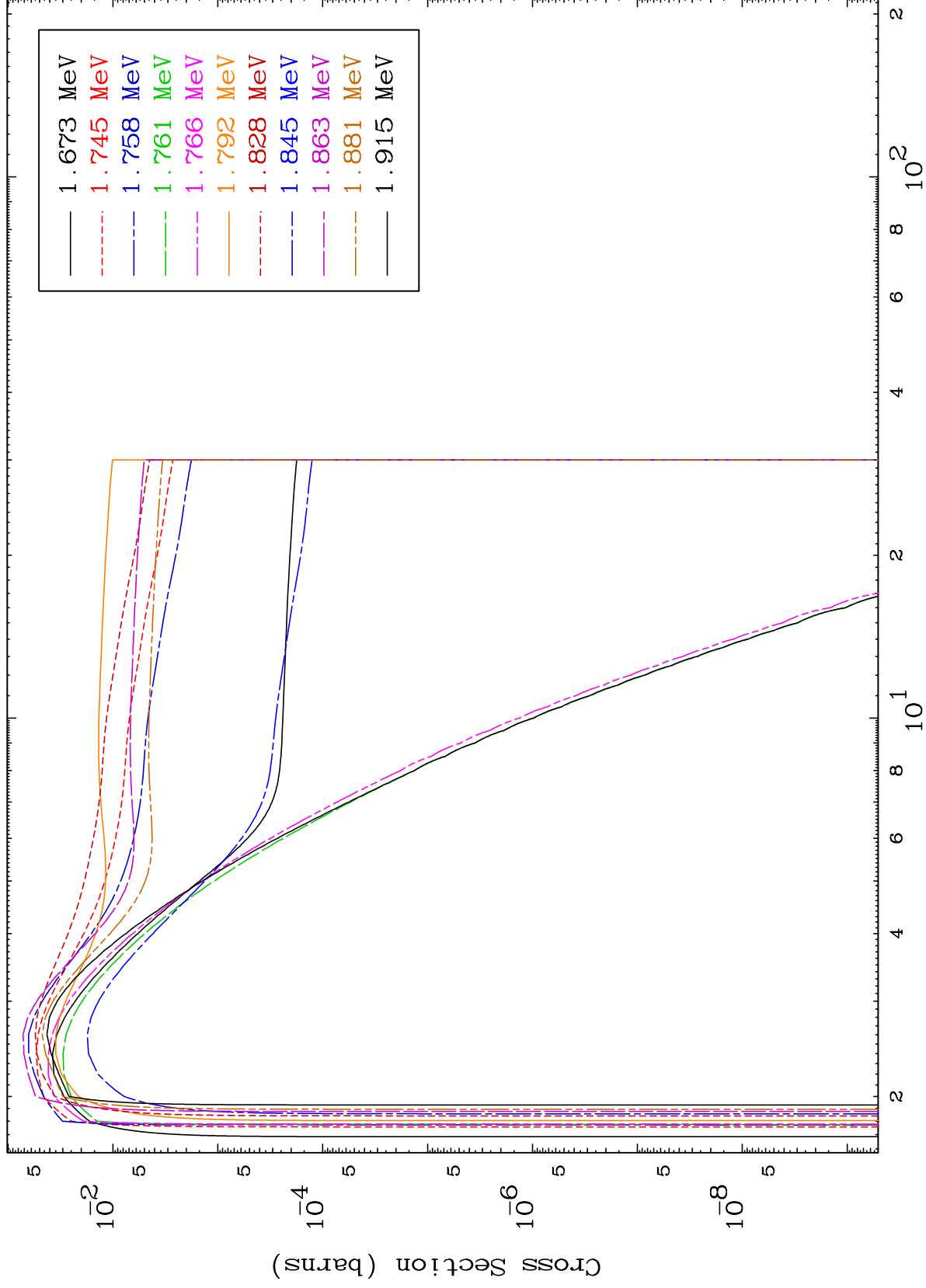


MAT 6307

(n,n') Level

63-Eu-145

293 Kelvin Cross Sections



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Incident Energy (MeV)

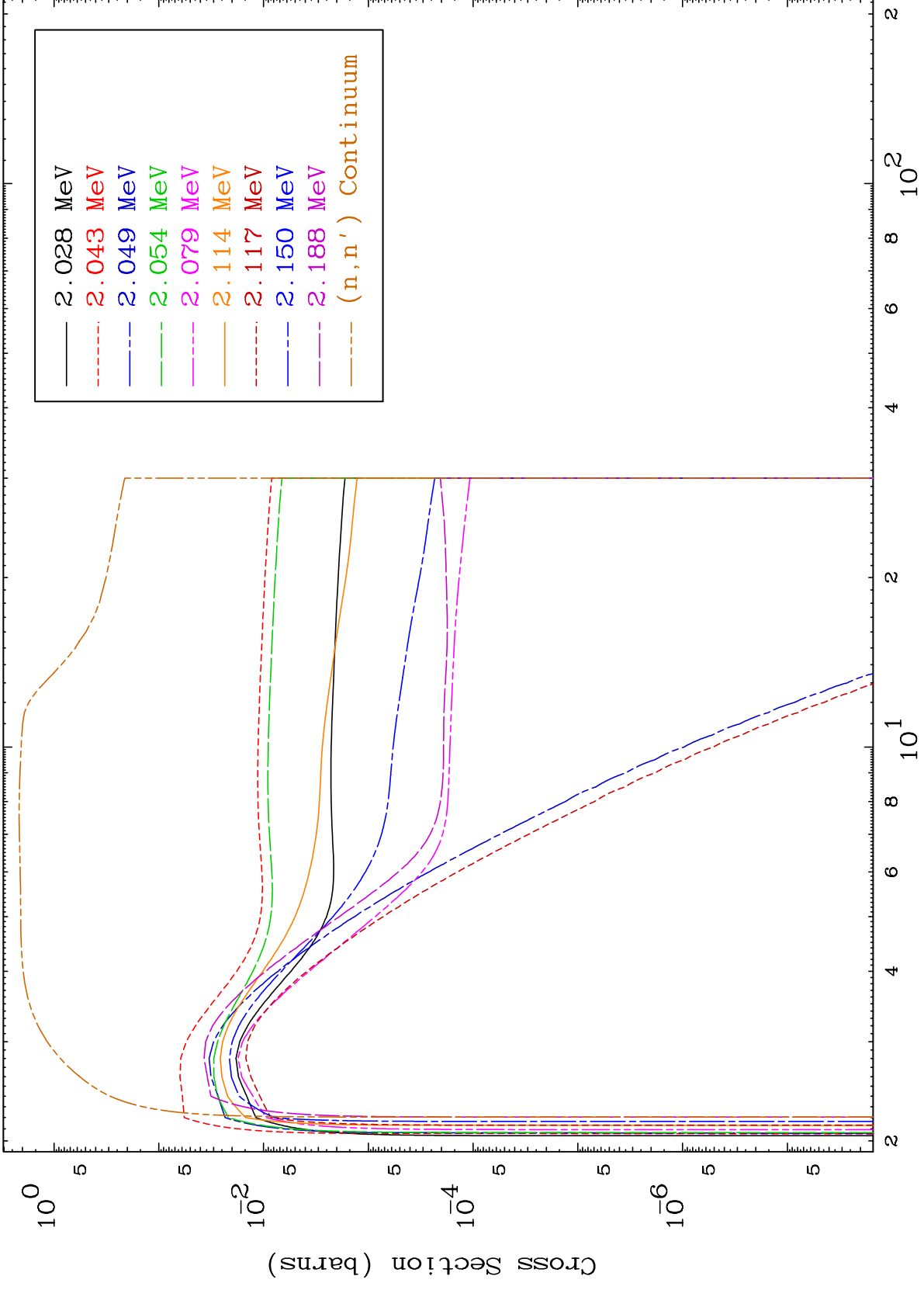
63-Eu-145

MAT 6307

(n,n') Level

63-Eu-145

293 Kelvin Cross Sections



9

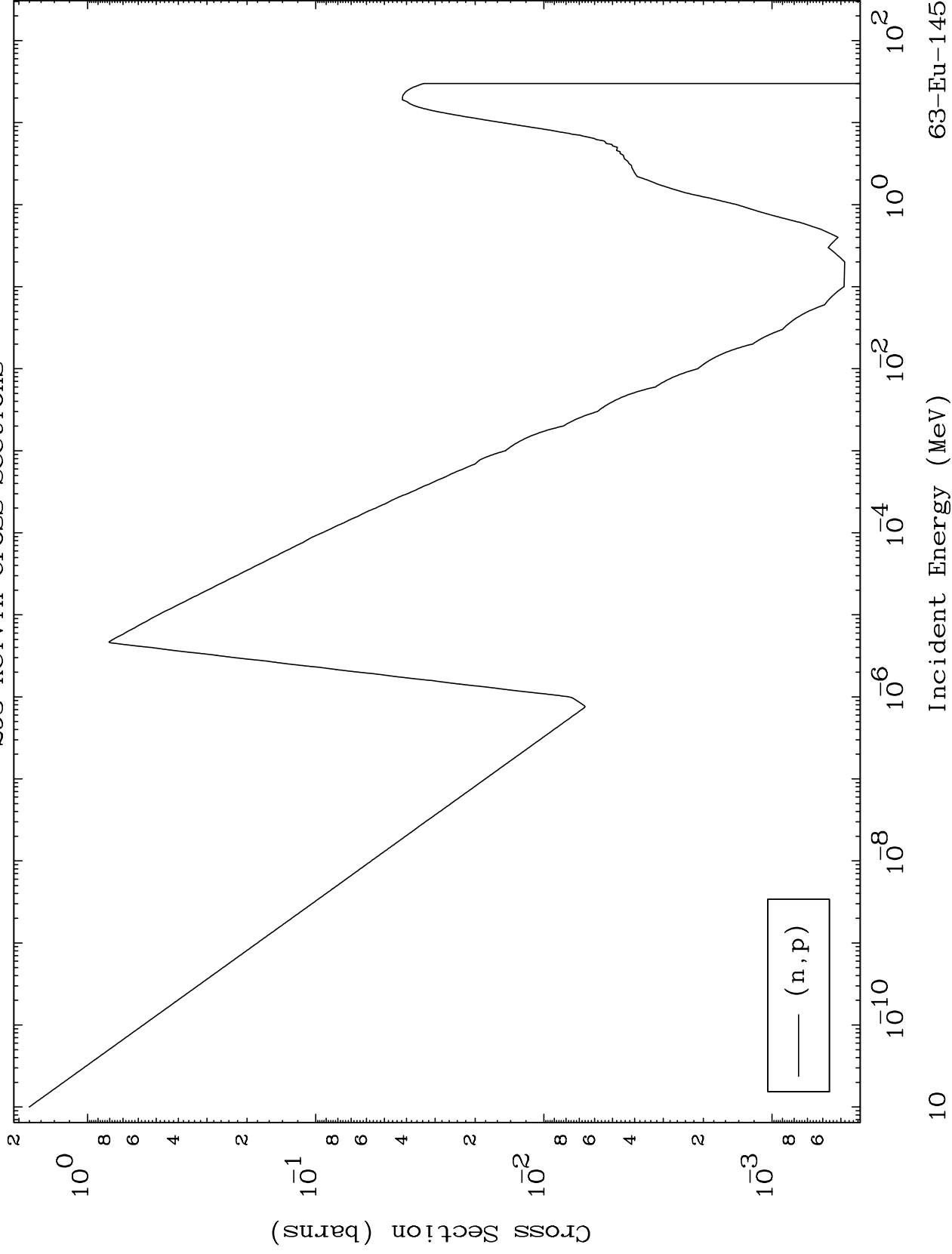
Incident Energy (MeV)

63-Eu-145

MAT 6307

(n,p) Levels
293 Kelvin Cross Sections

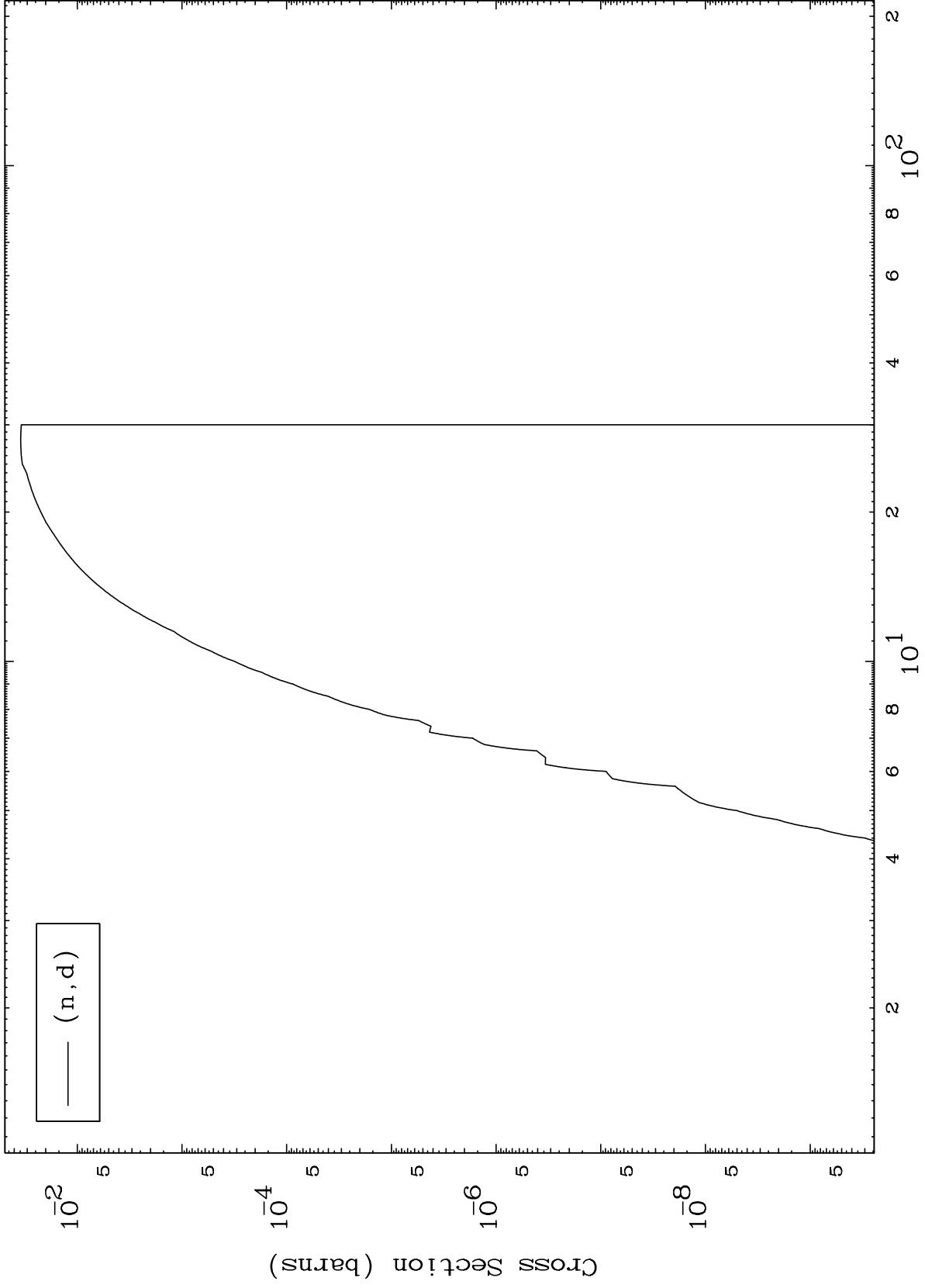
63-Eu-145



MAT 6307

(n,d) Levels
293 Kelvin Cross Sections

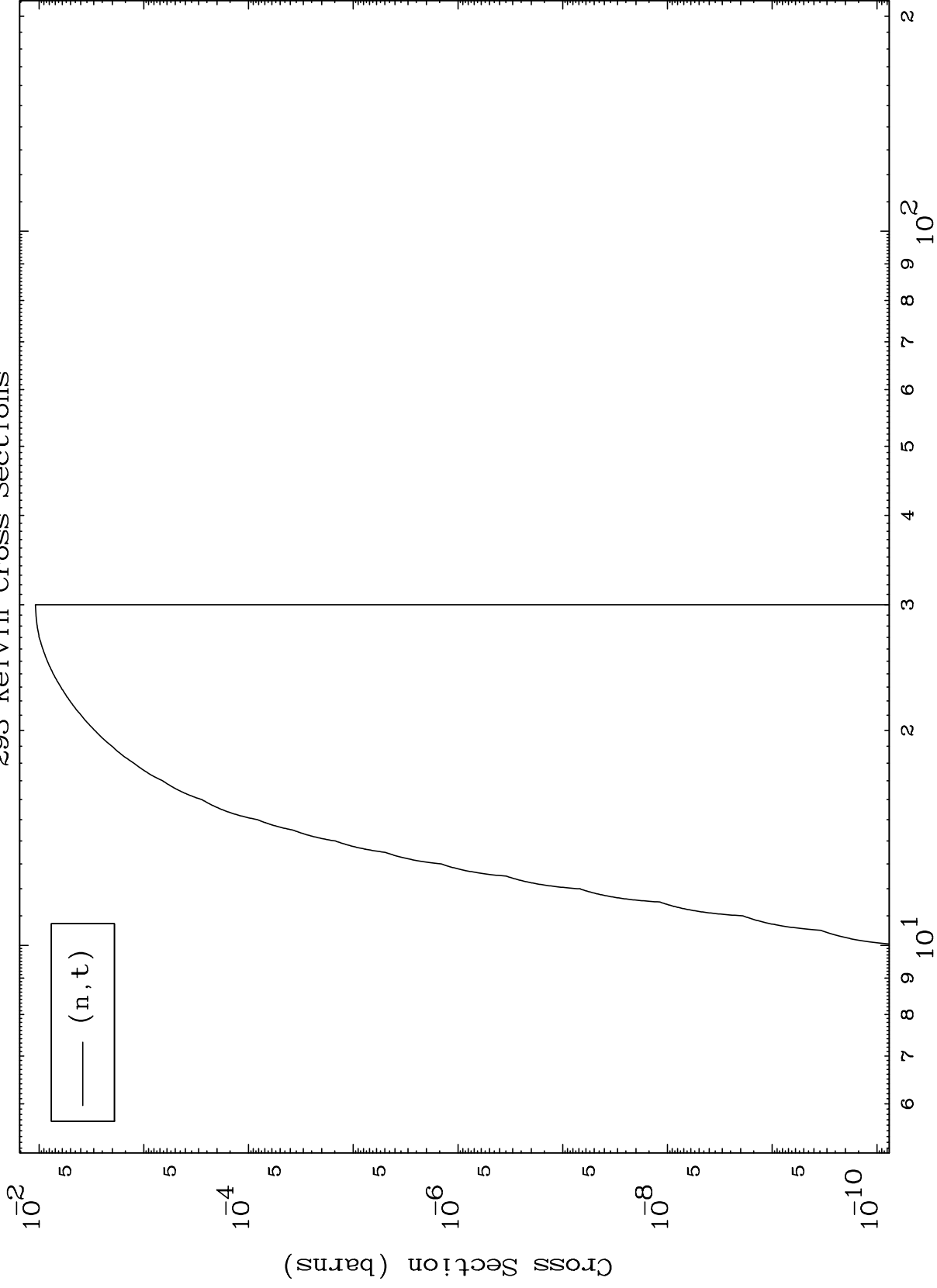
63-Eu-145



MAT 6307

(n,t) Levels
293 Kelvin Cross Sections

63-Eu-145



12

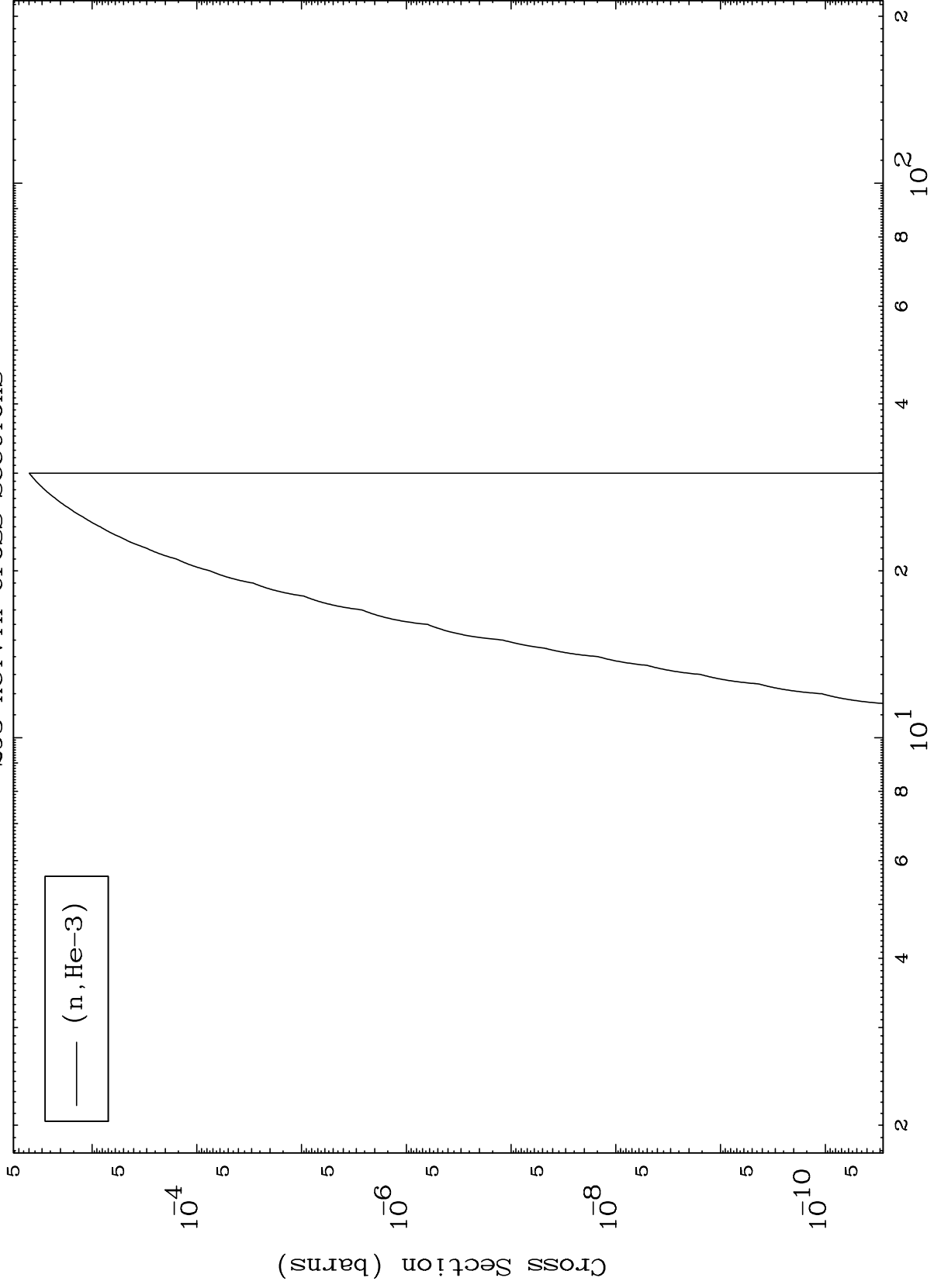
Incident Energy (MeV)

63-Eu-145

MAT 6307

(n,He3) Levels
293 Kelvin Cross Sections

63-Eu-145



13

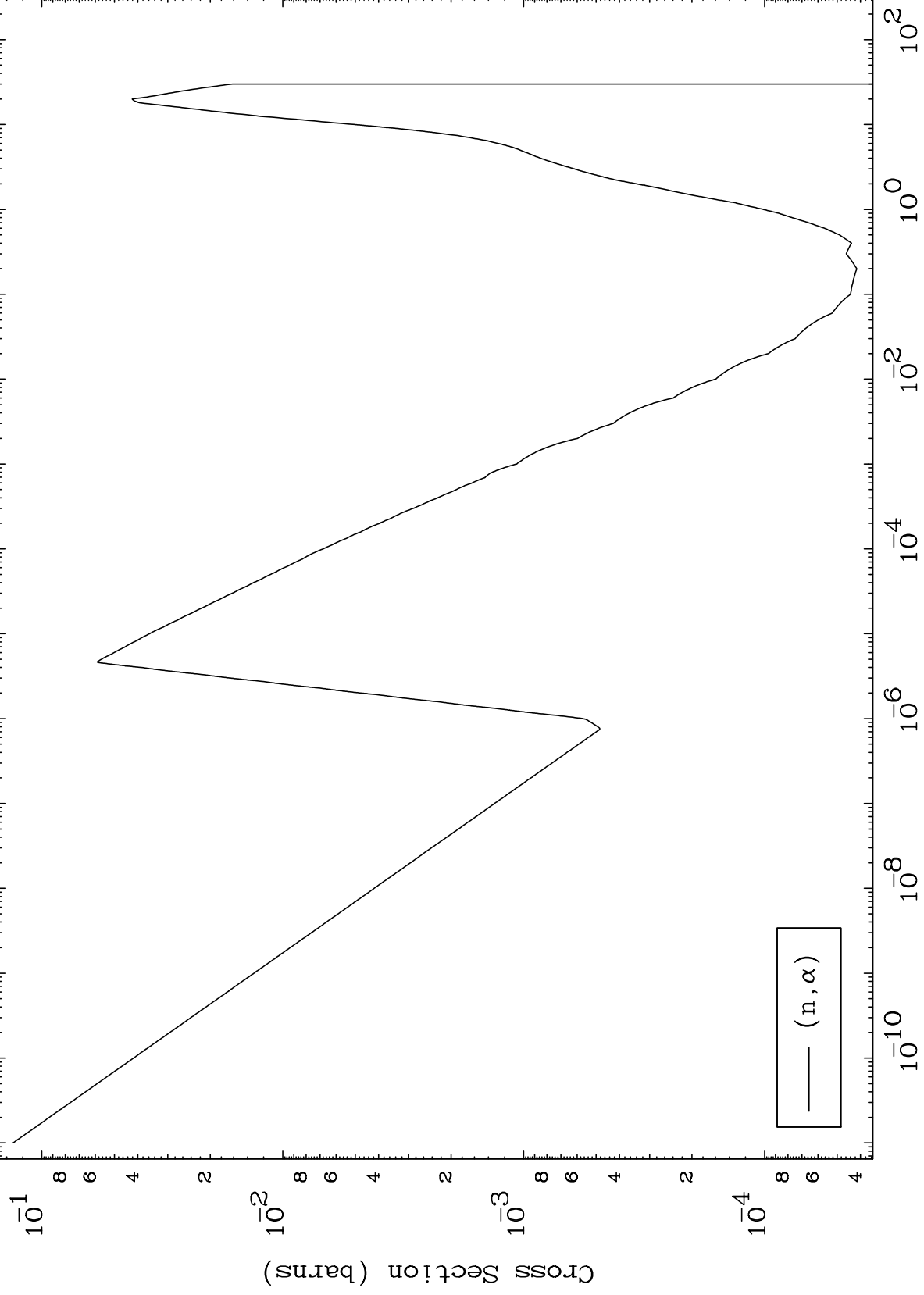
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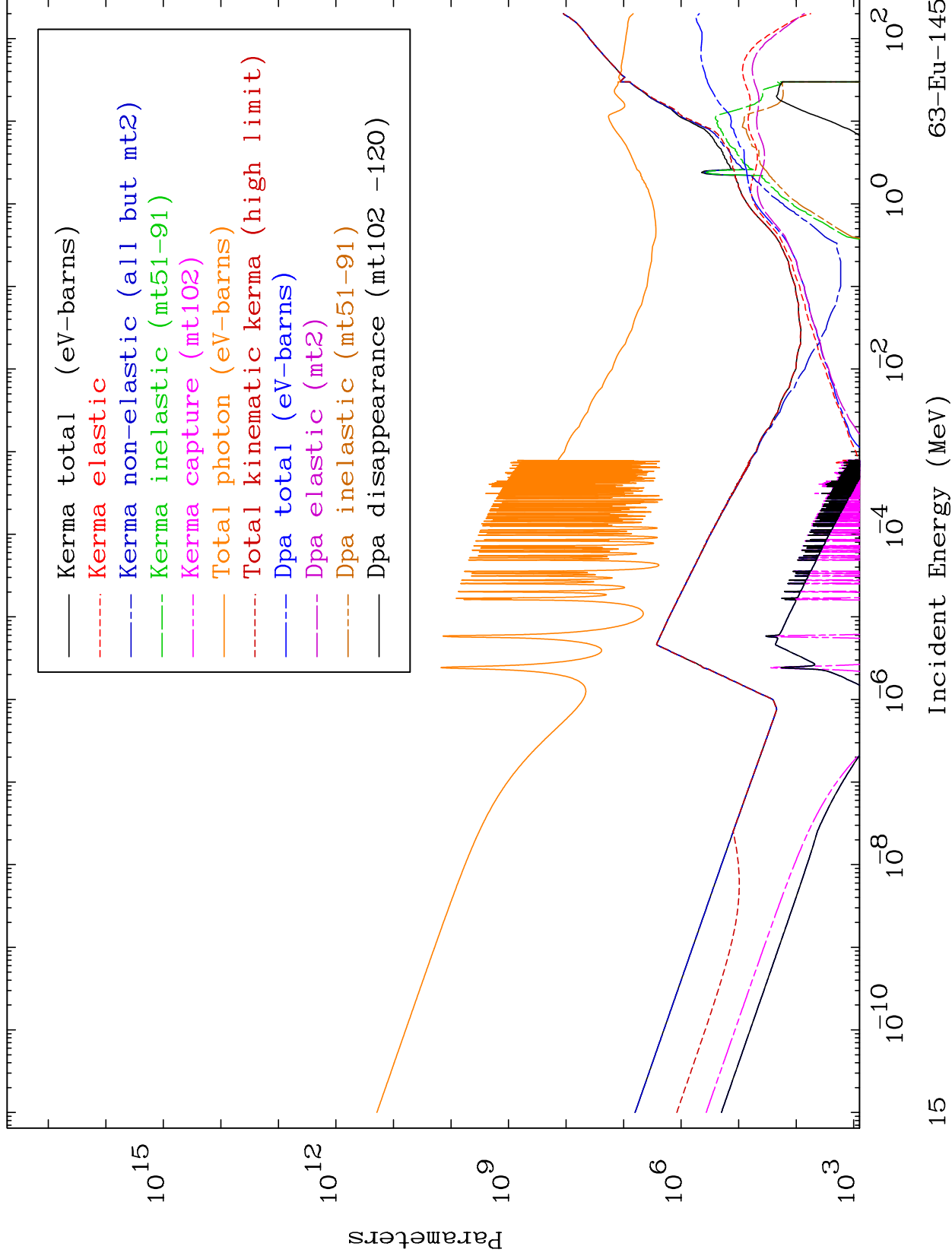
63-Eu-145

MAT 6307

(n, α) Levels
293 Kelvin Cross Sections

63-Eu-145

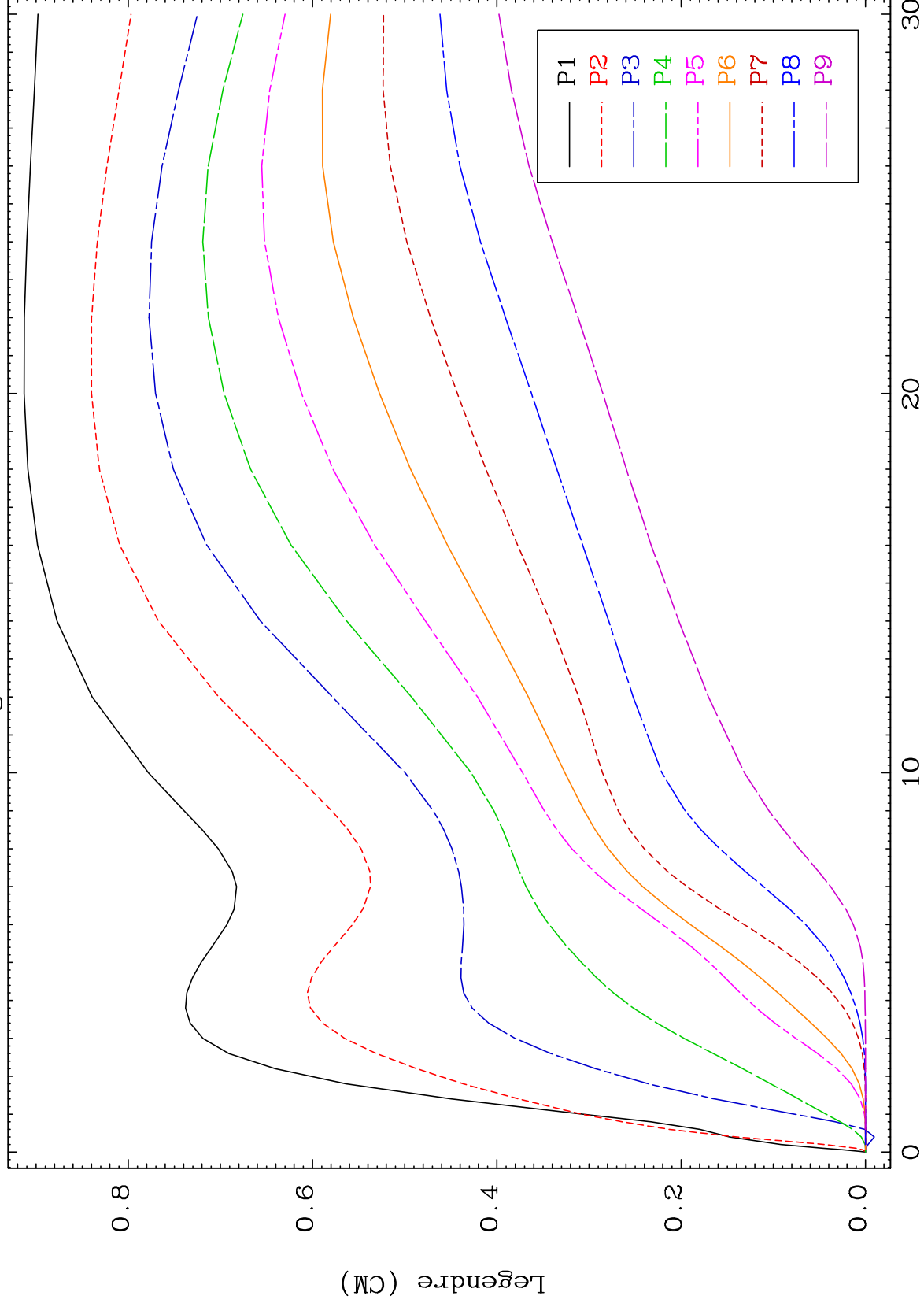




MAT 6307

Elastic Legendre Coefficients

63-Eu-145



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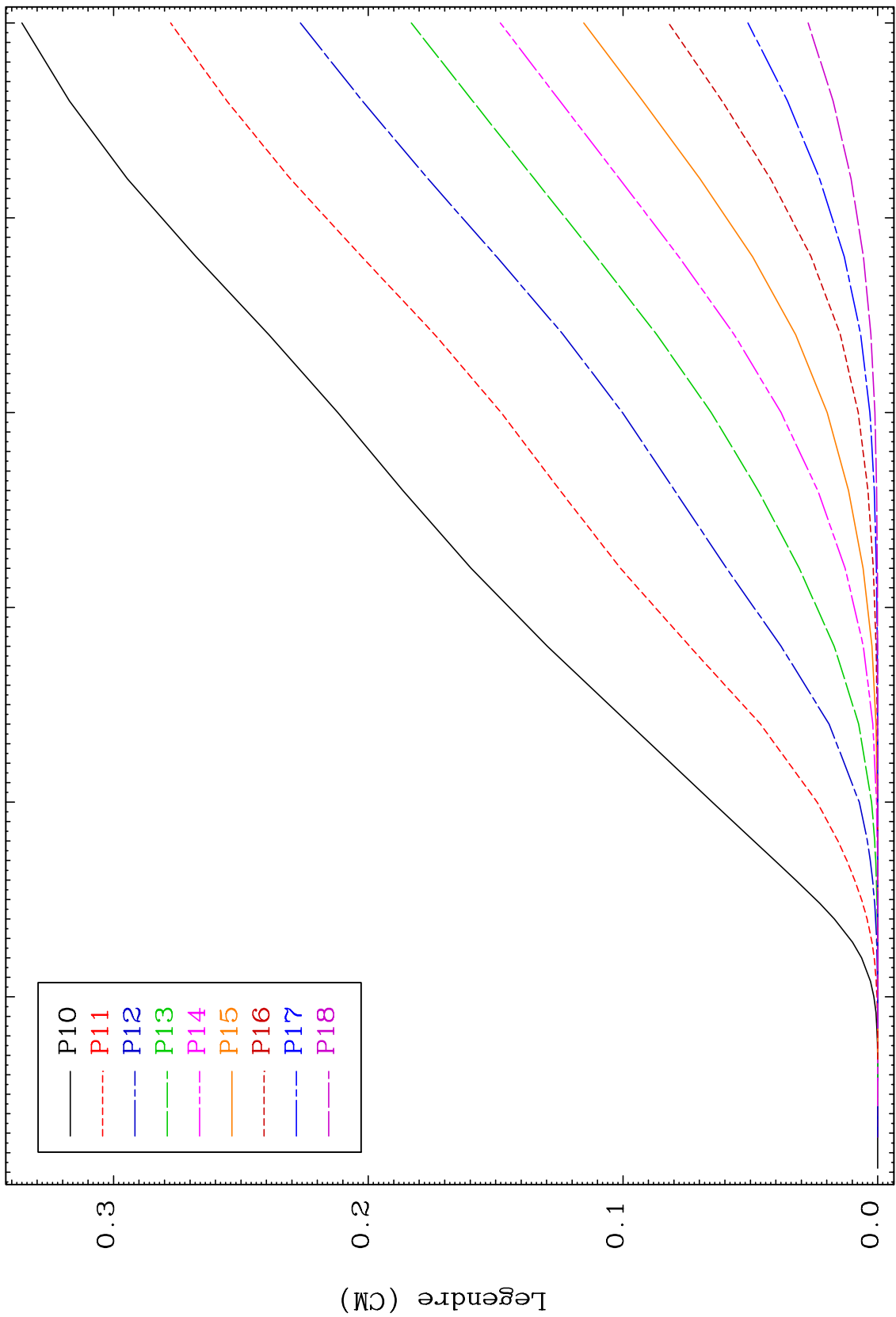
Incident Energy (MeV)

63-Eu-145

MAT 6307

Elastic Legendre Coefficients

63-Eu-145



17

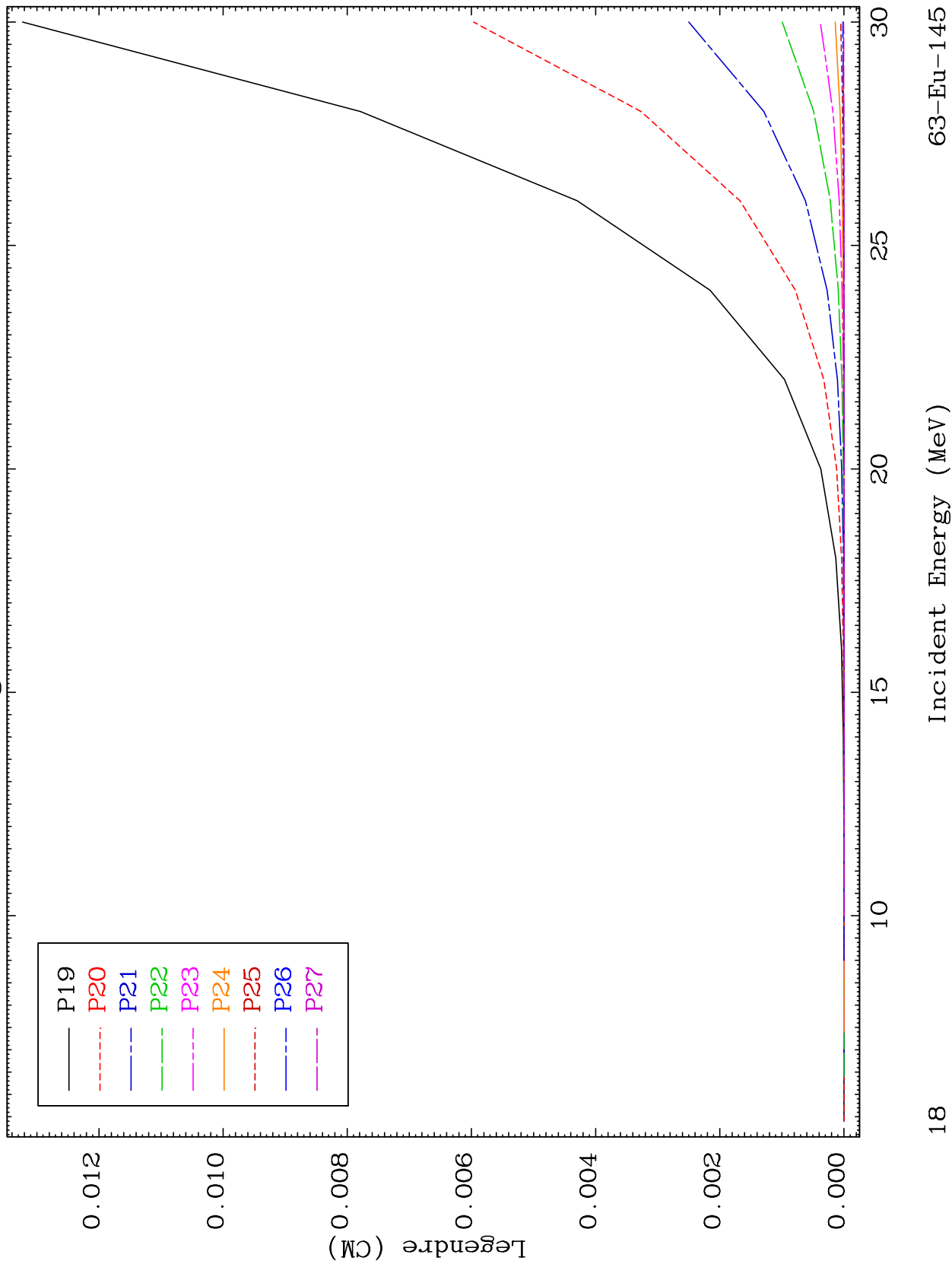
Incident Energy (MeV)

63-Eu-145

MAT 6307

Elastic Legendre Coefficients

63-Eu-145



18

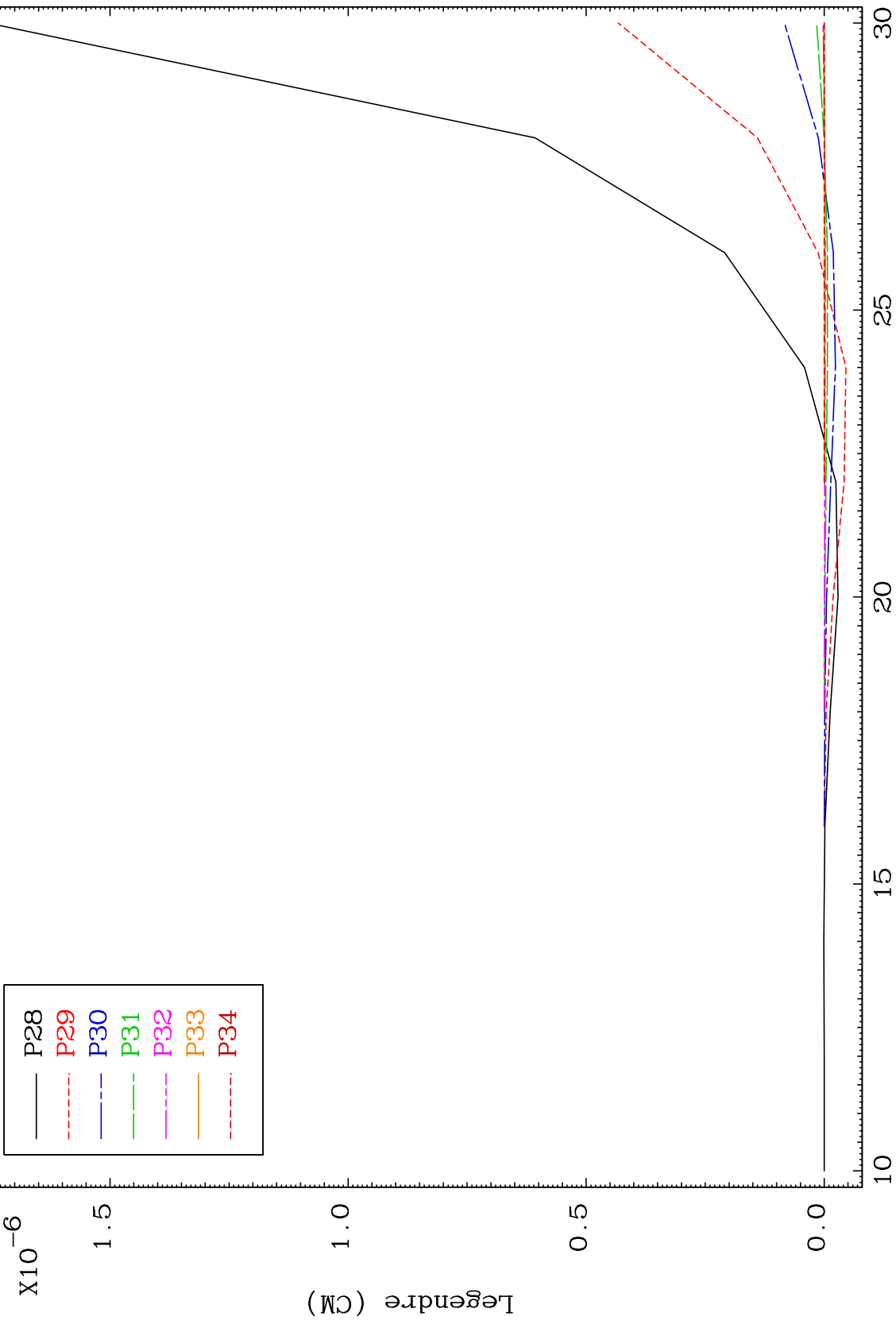
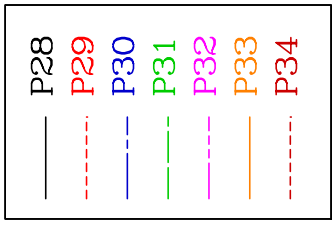
Incident Energy (MeV)

63-Eu-145

MAT 6307

Elastic Legendre Coefficients

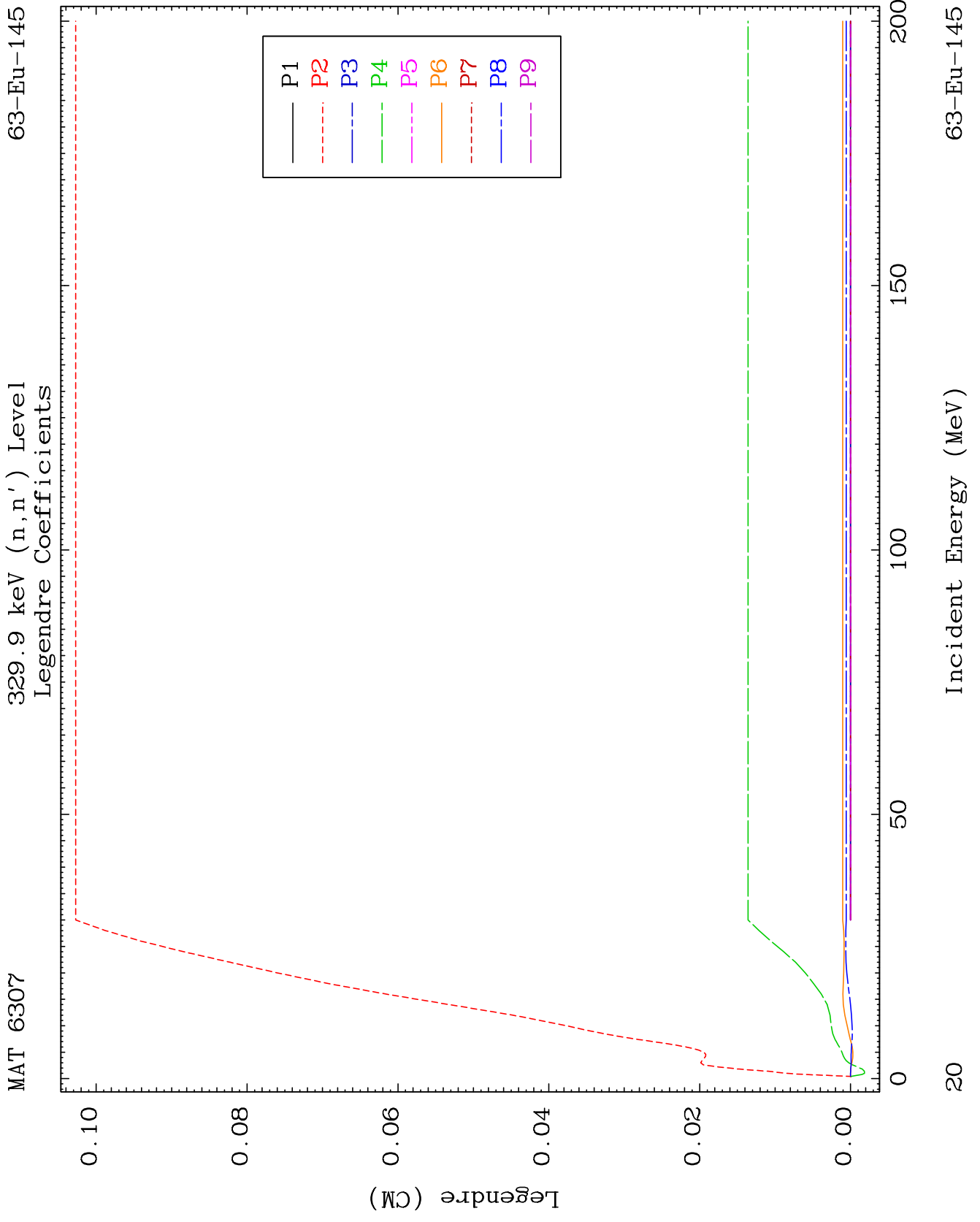
63-Eu-145



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Incident Energy (MeV)

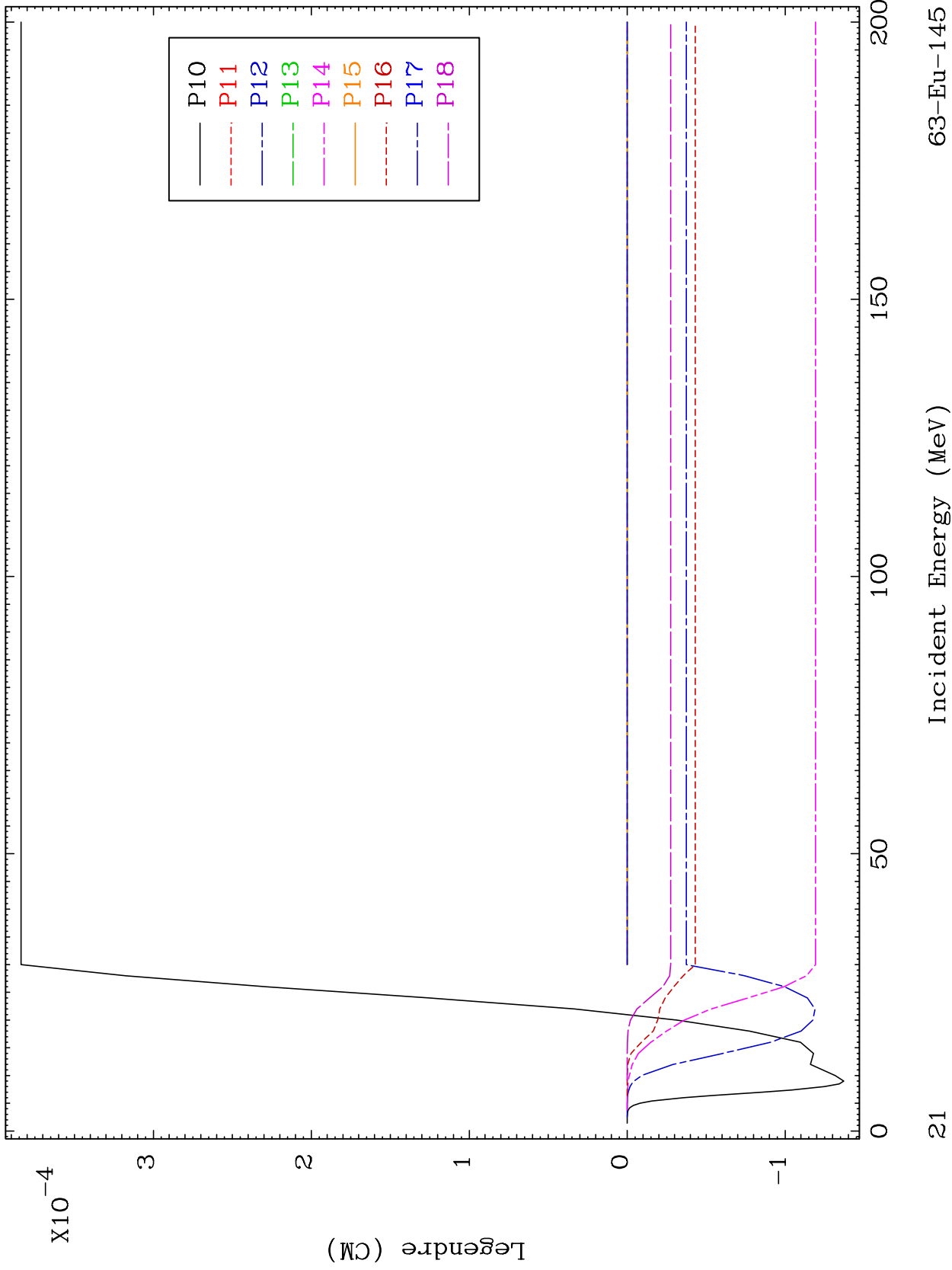
63-Eu-145



MAT 6307

329.9 keV (n,n') Level
Legendre Coefficients

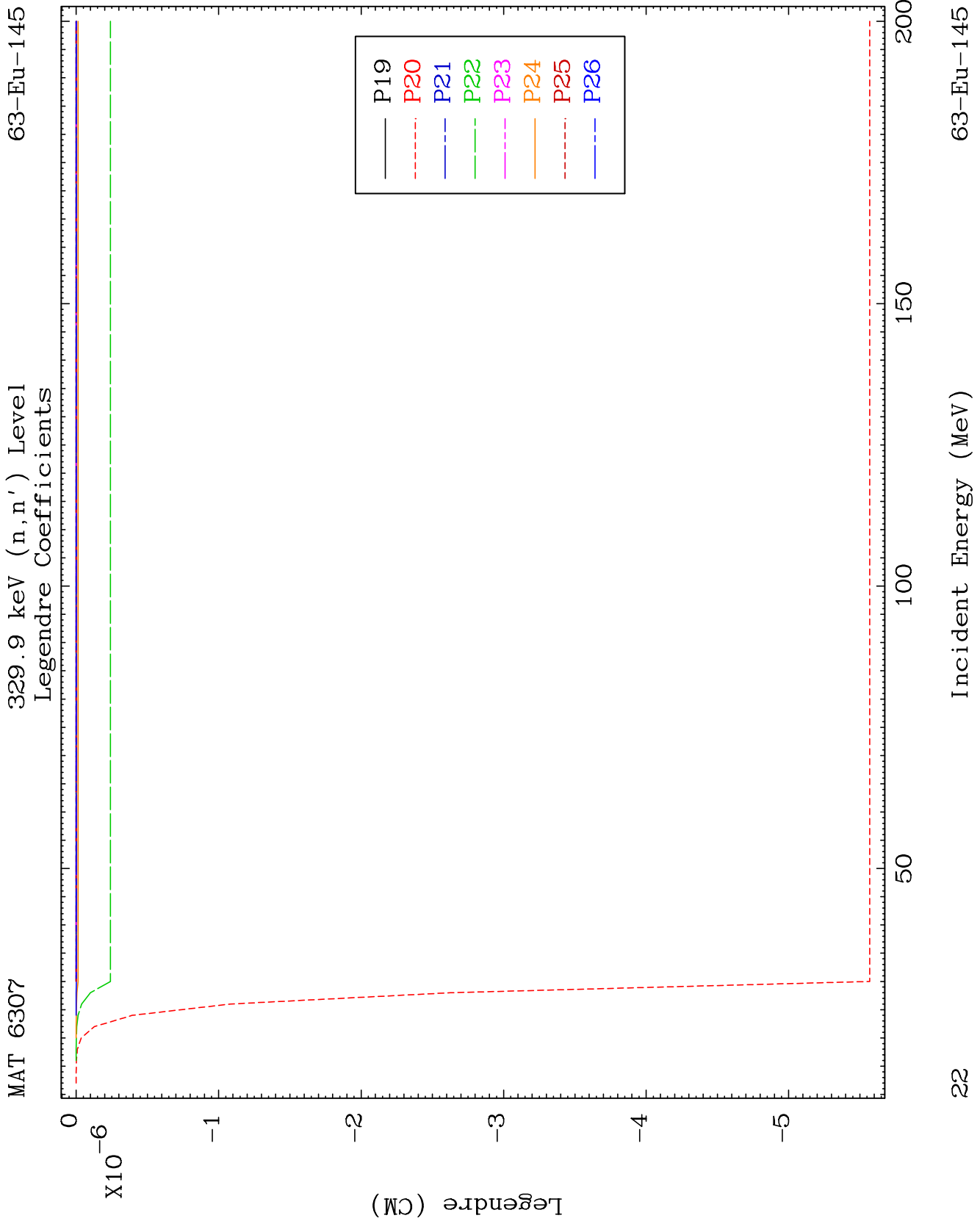
63-Eu-145



63-Eu-145

Incident Energy (MeV)

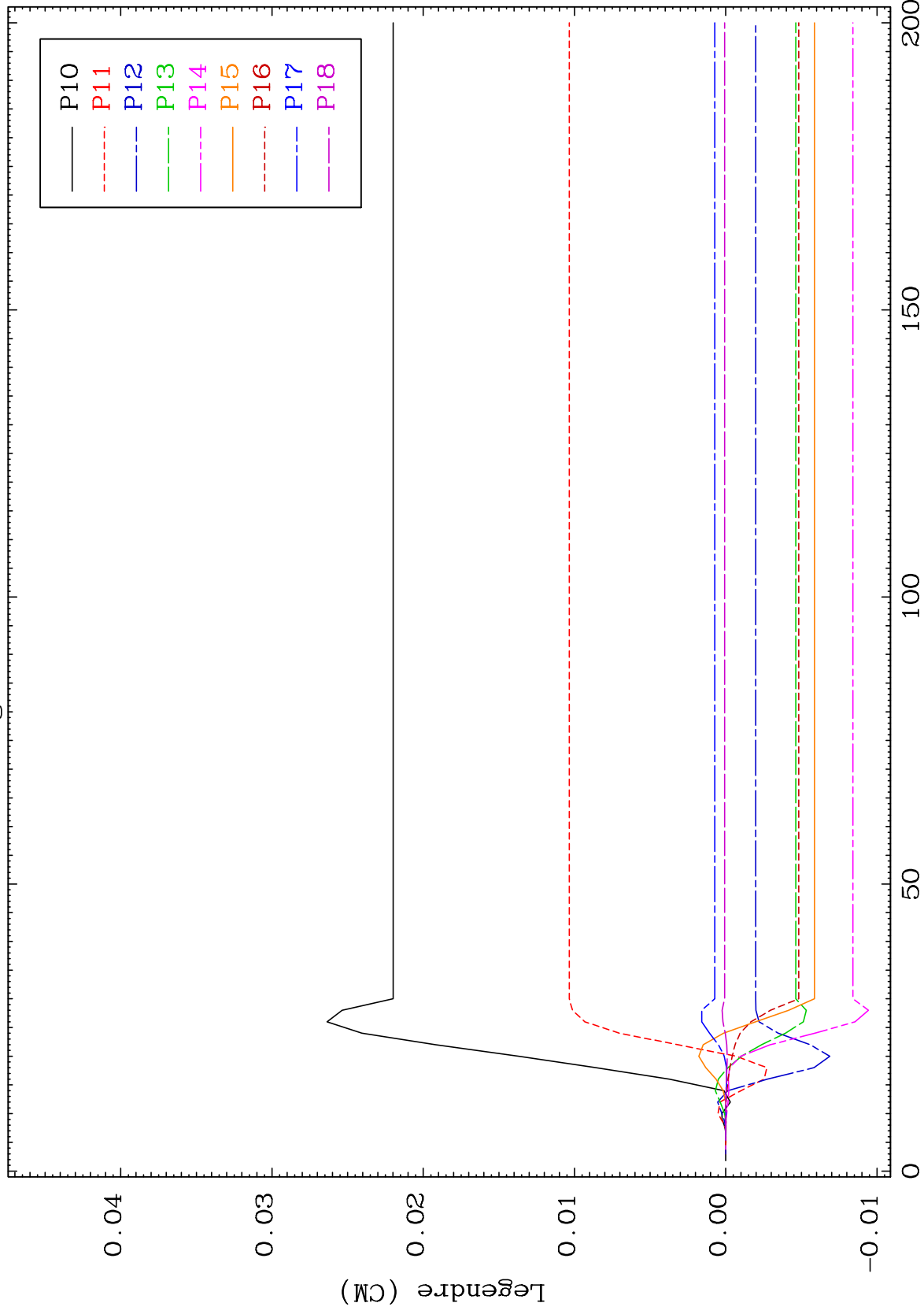
21



MAT 6307

716.0 keV (n,n') Level
Legendre Coefficients

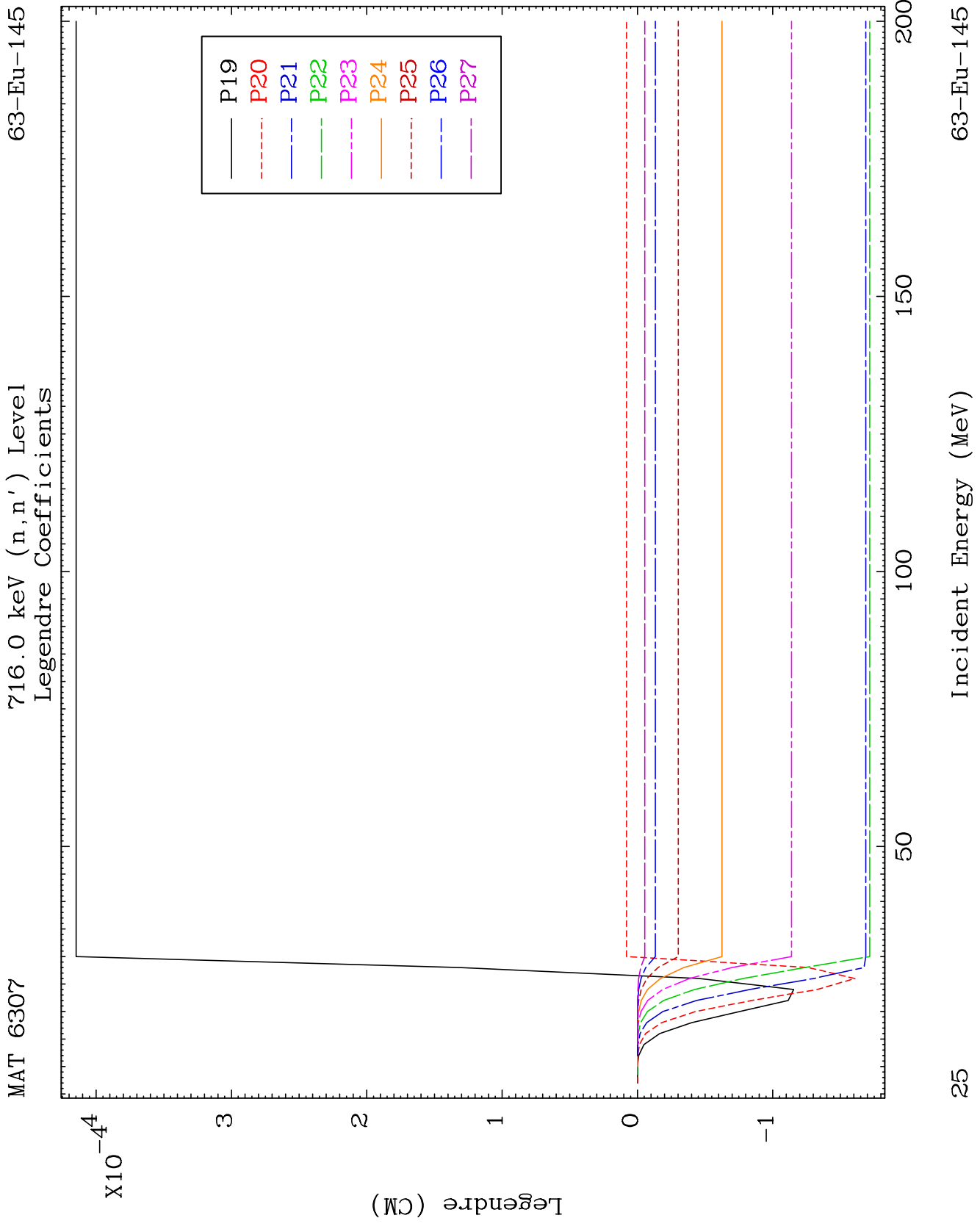
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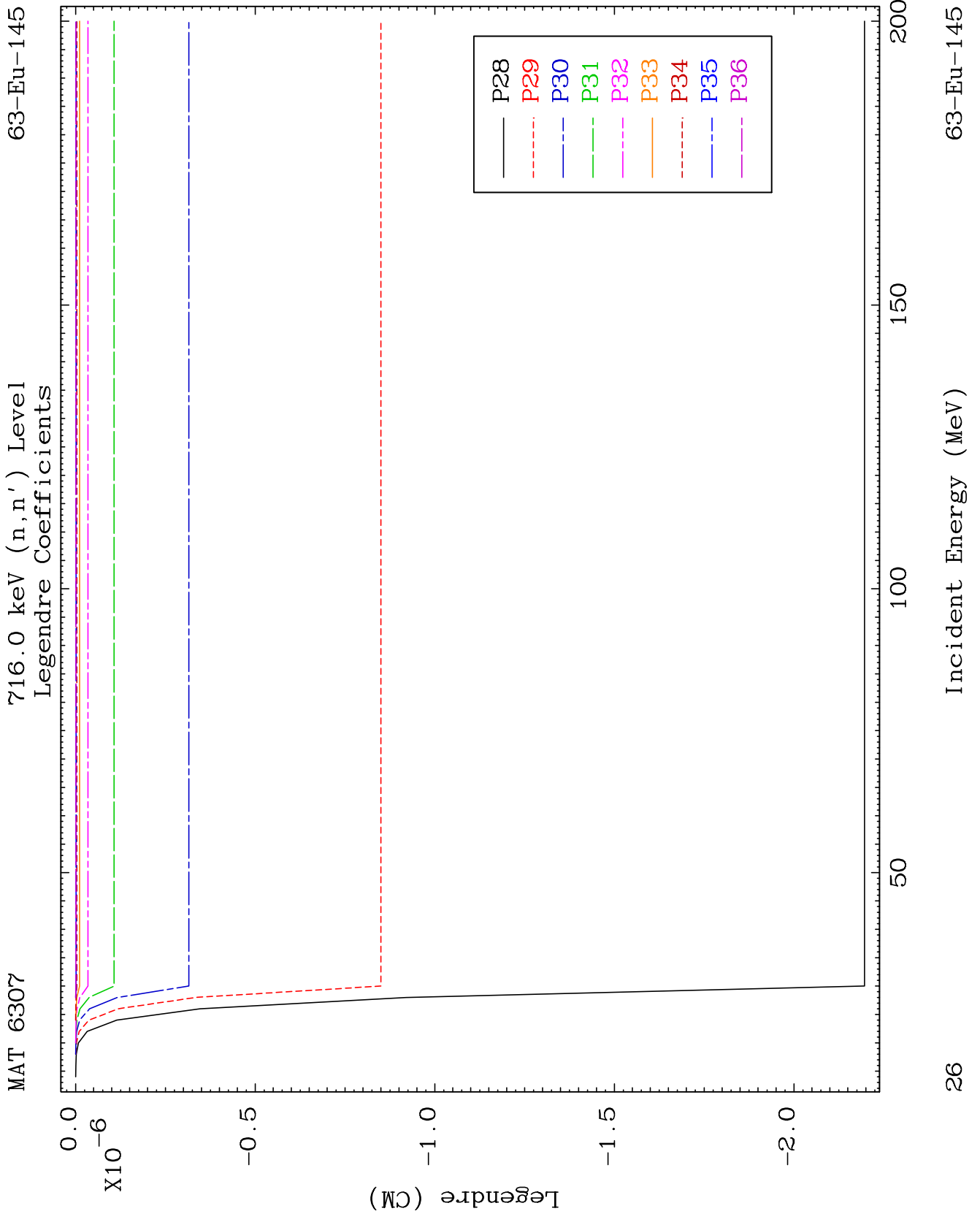


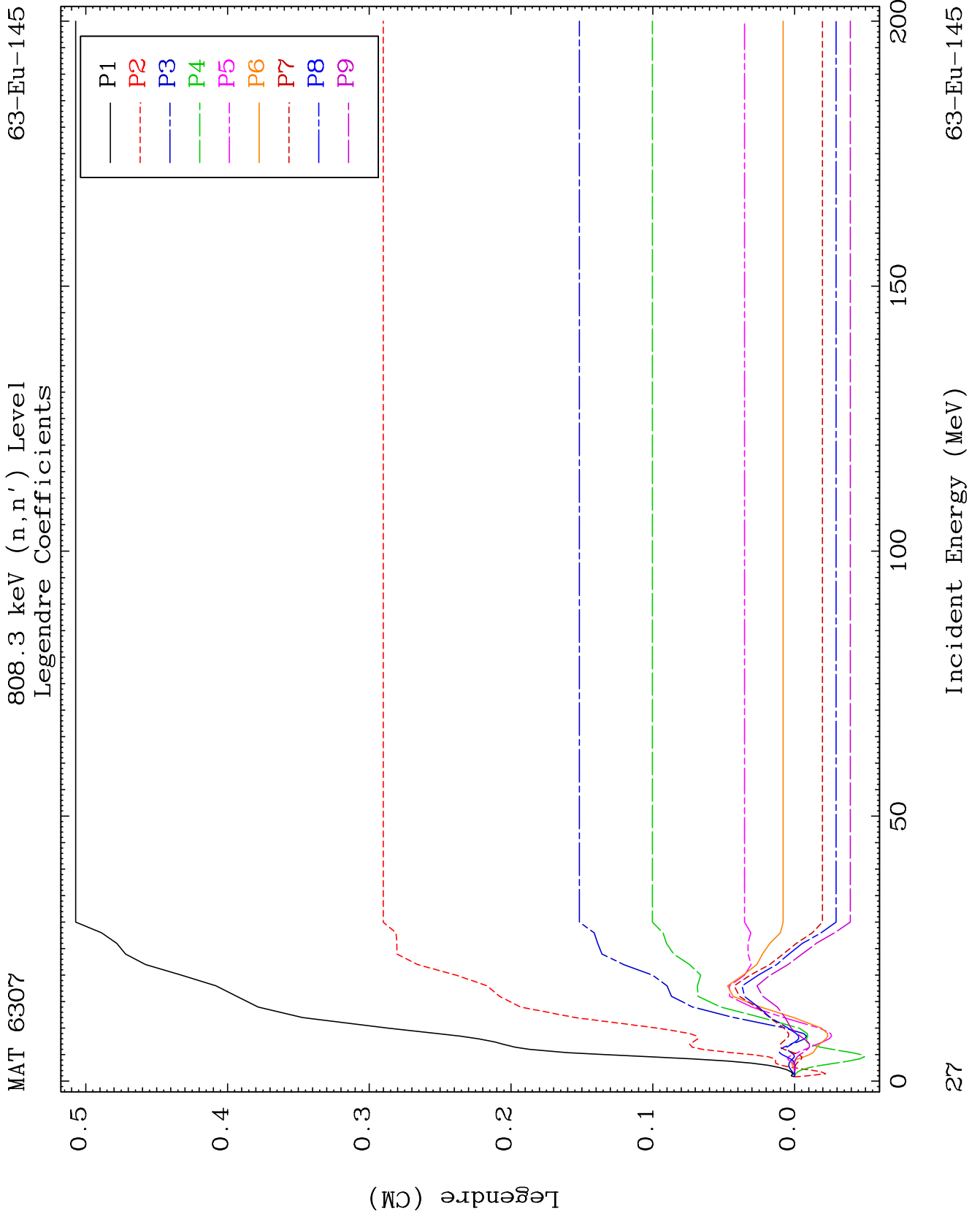
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Incident Energy (MeV)

63-Eu-145



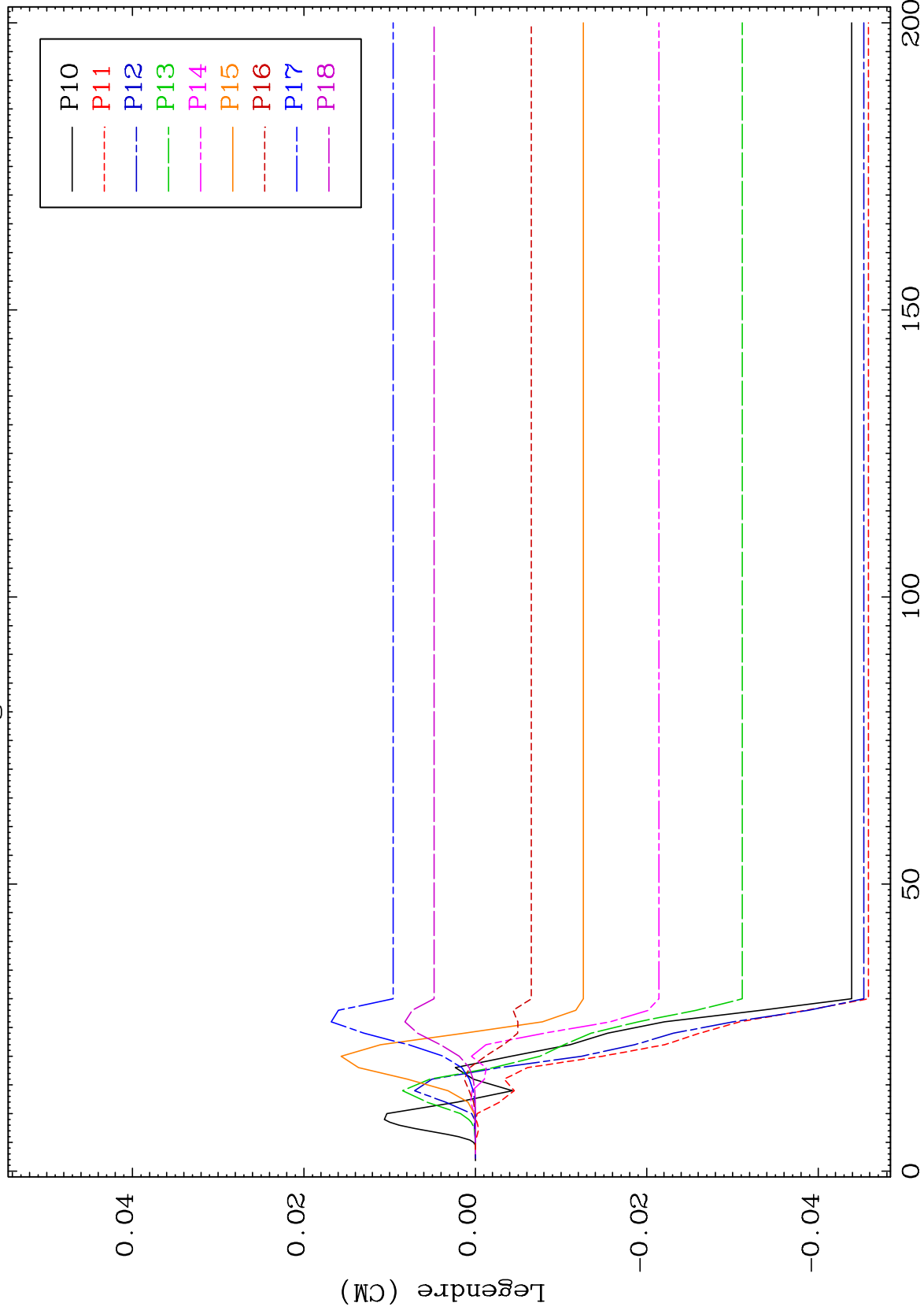




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808.3 keV (n,n') Level
Legendre Coefficients

63-Eu-145



28

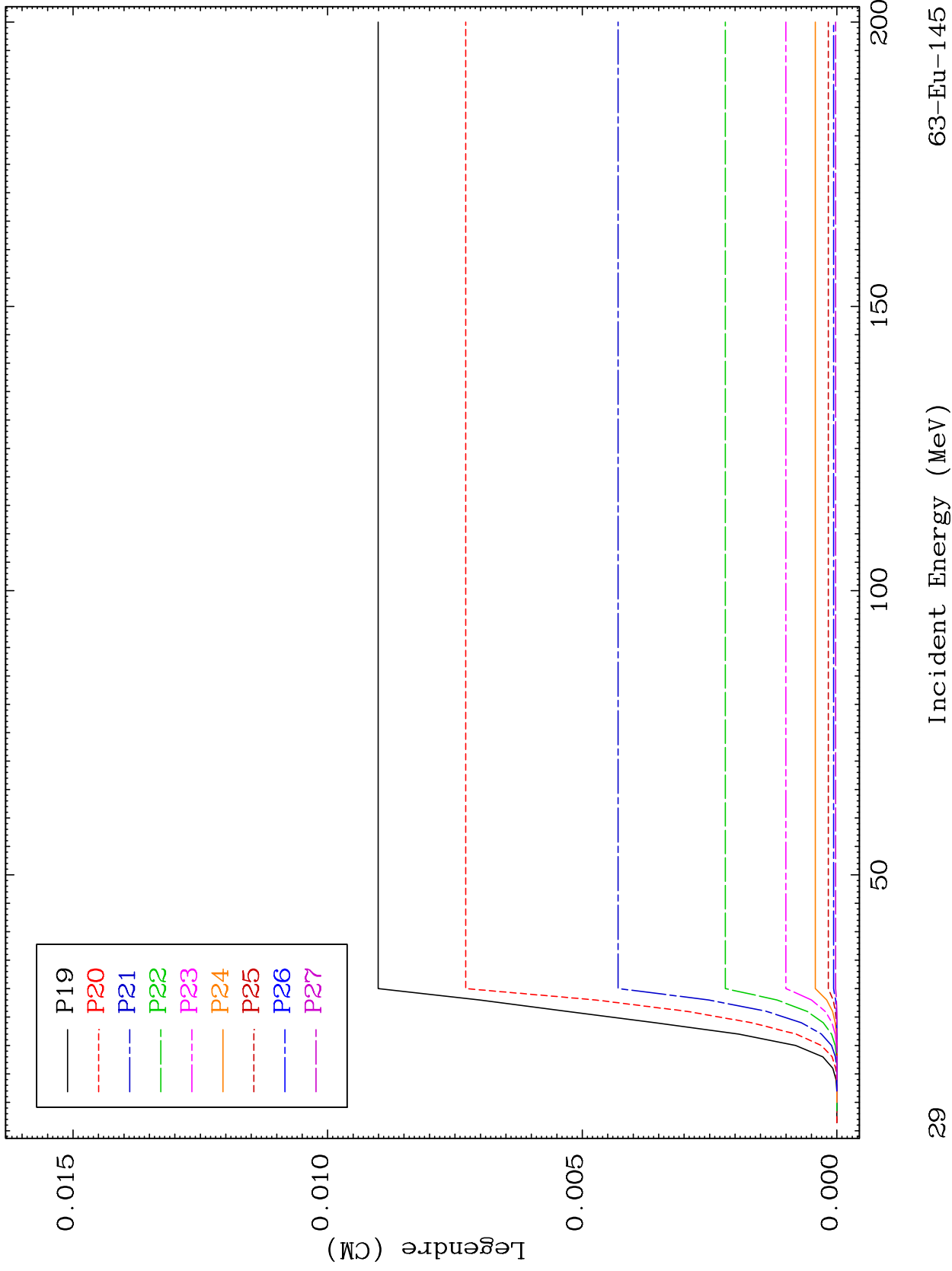
Incident Energy (MeV)

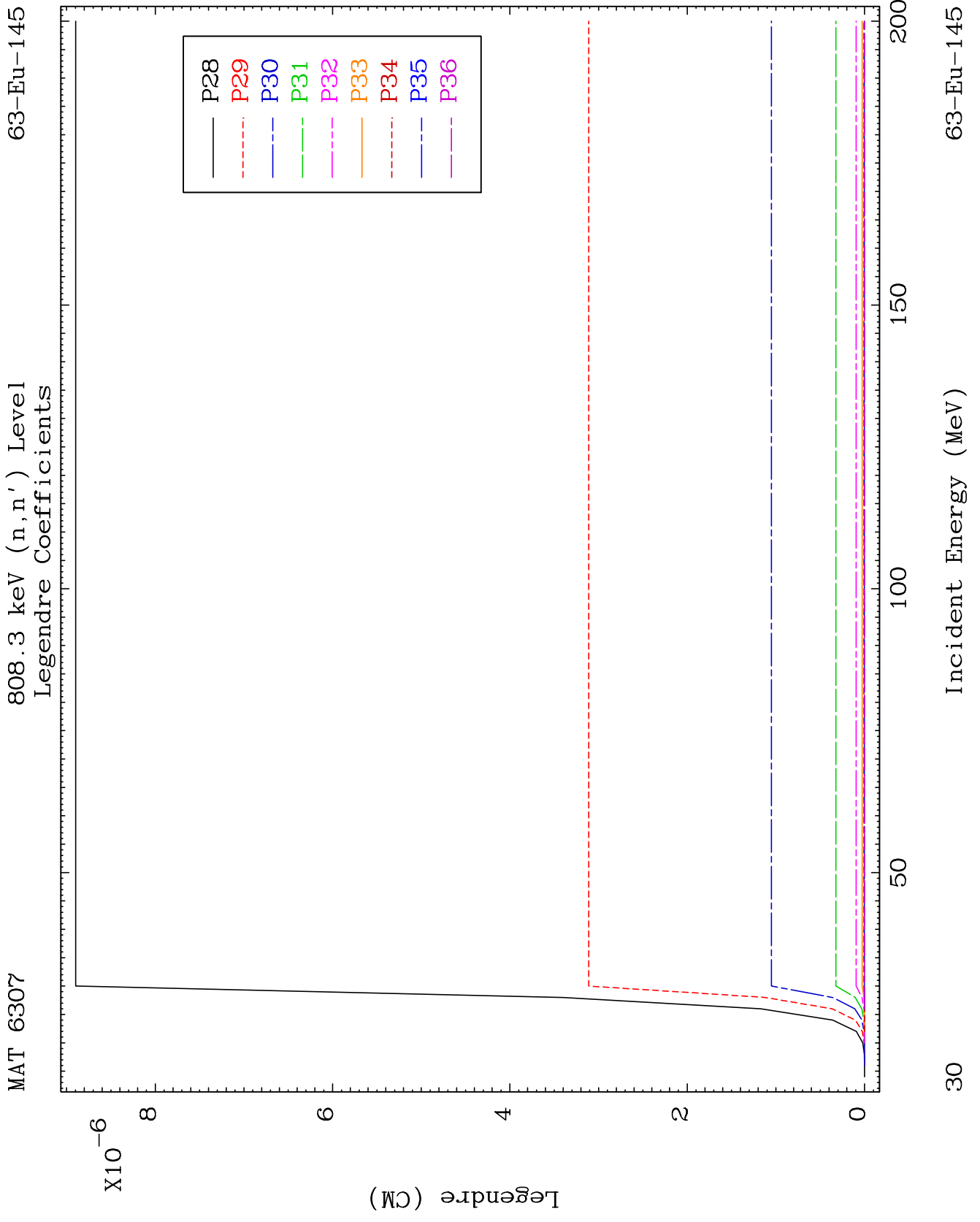
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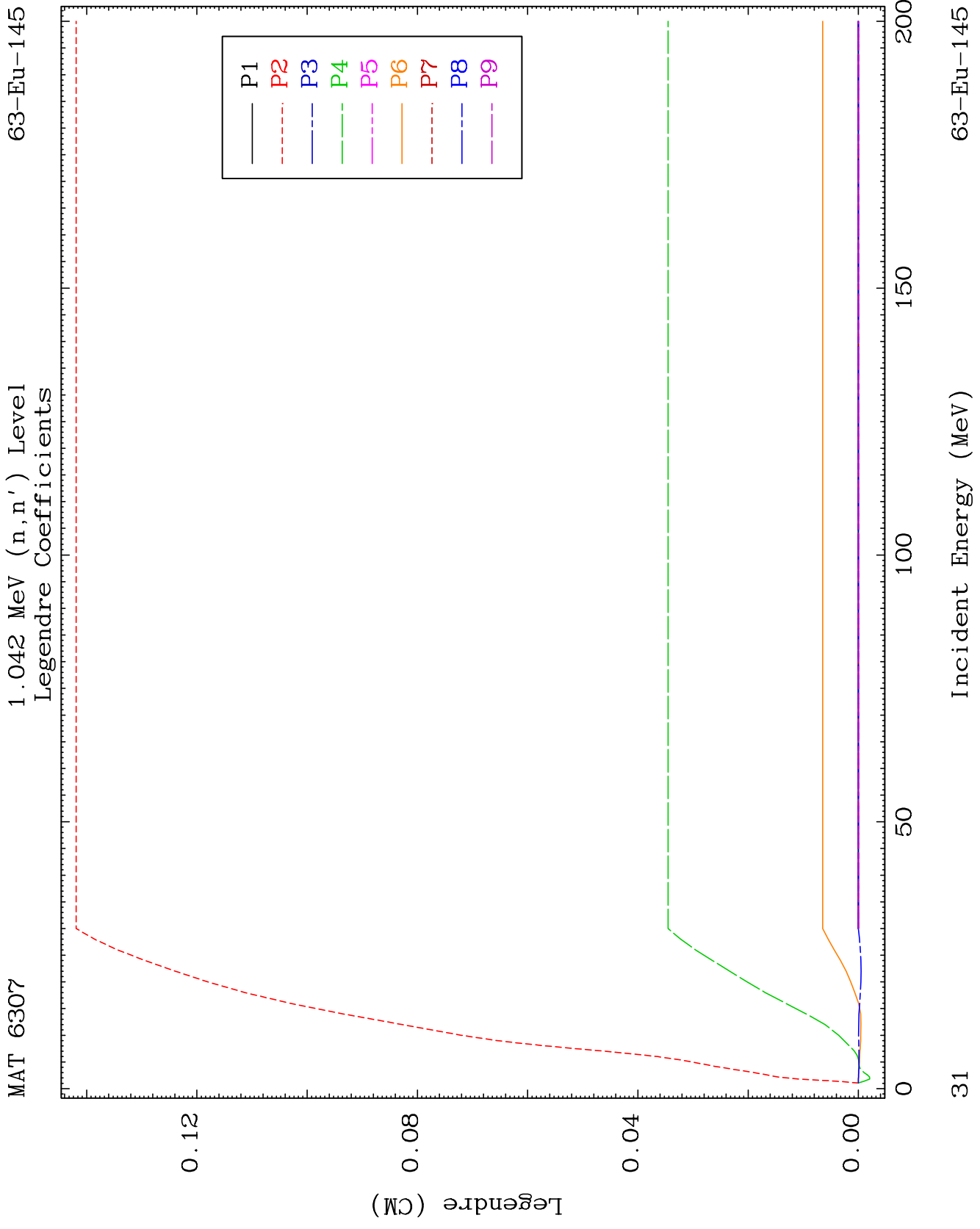
MAT 6307

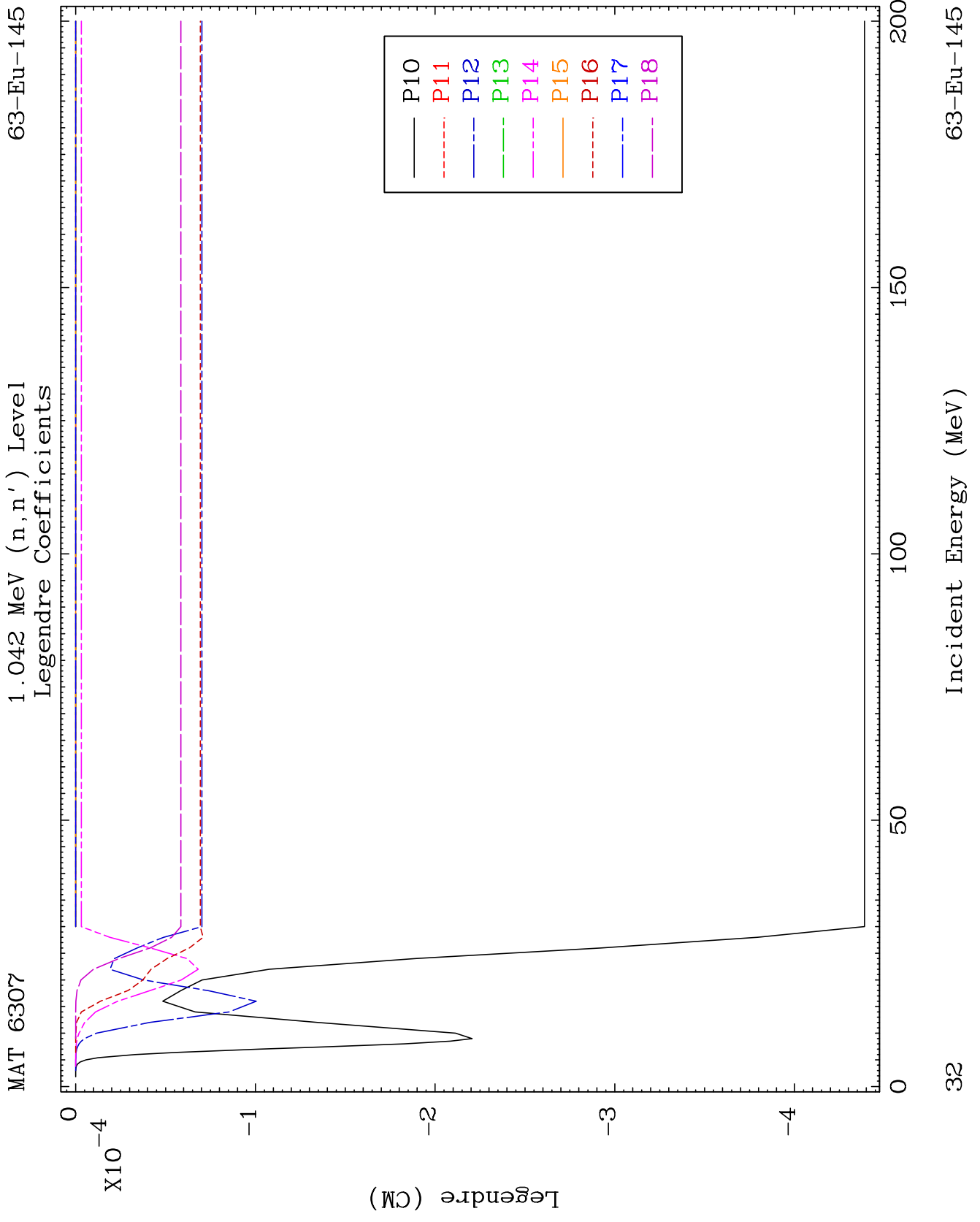
808.3 keV (n,n') Level
Legendre Coefficients

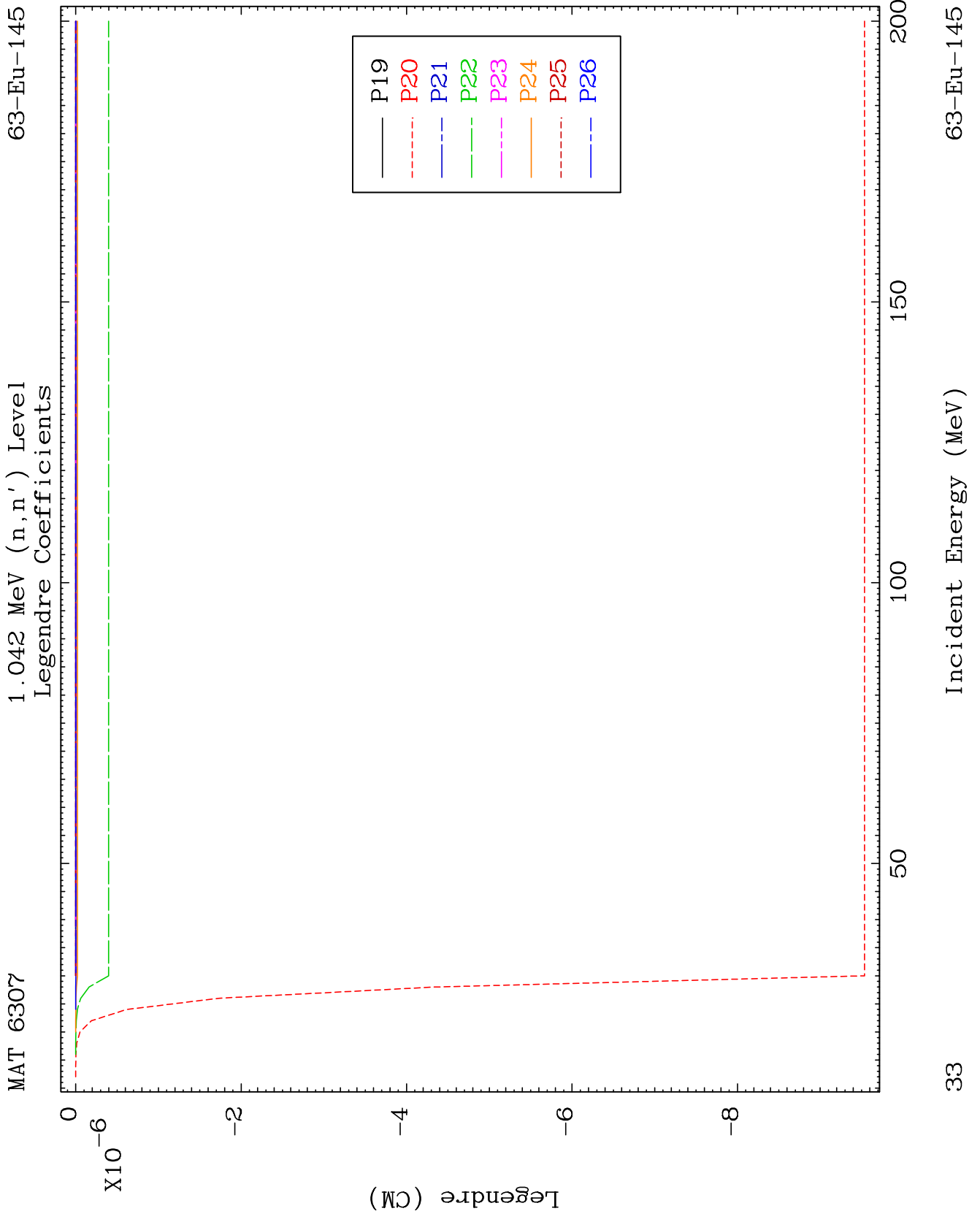
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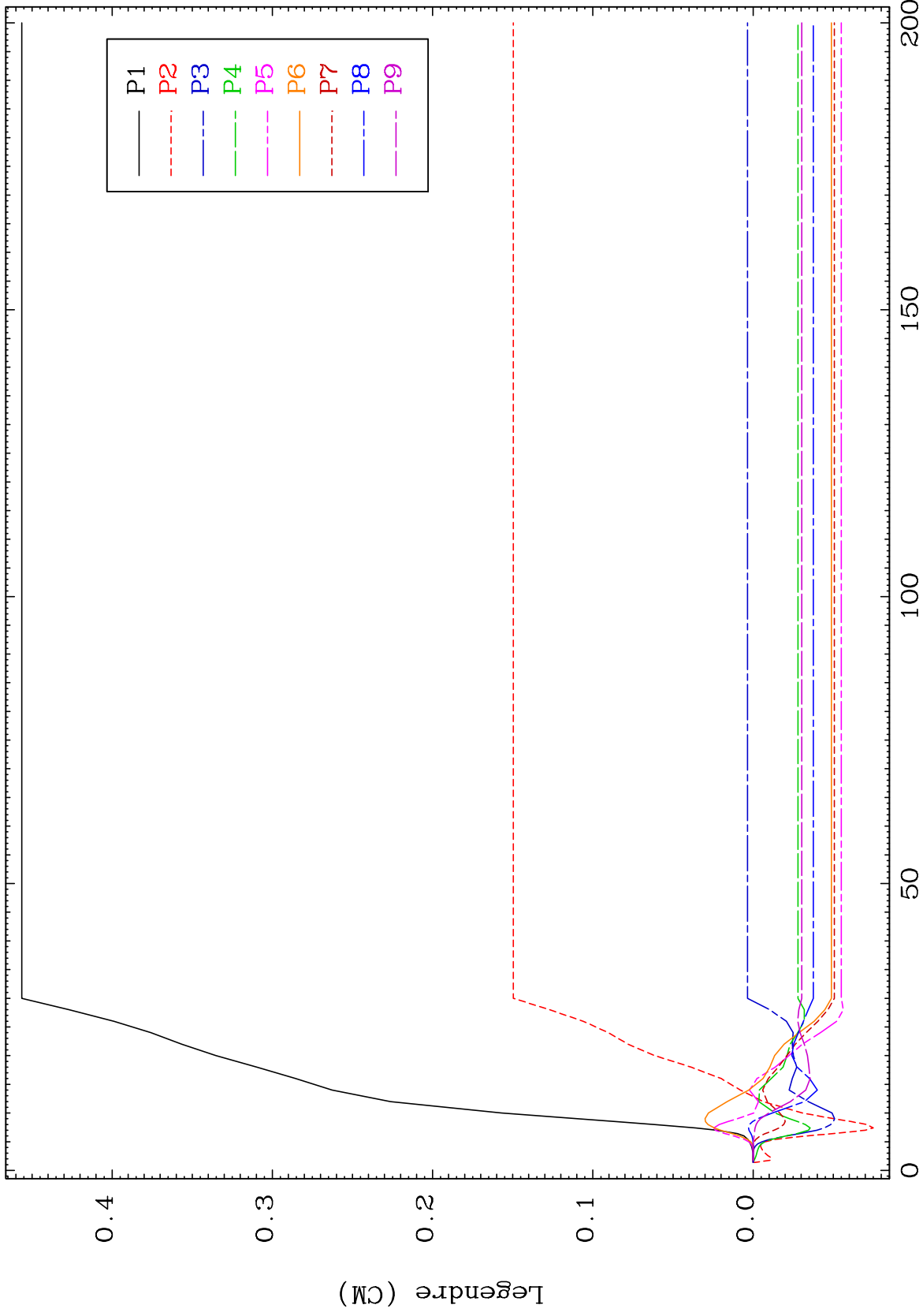




MAT 6307

1.368 MeV (n,n') Level
Legendre Coefficients

63-Eu-145



34

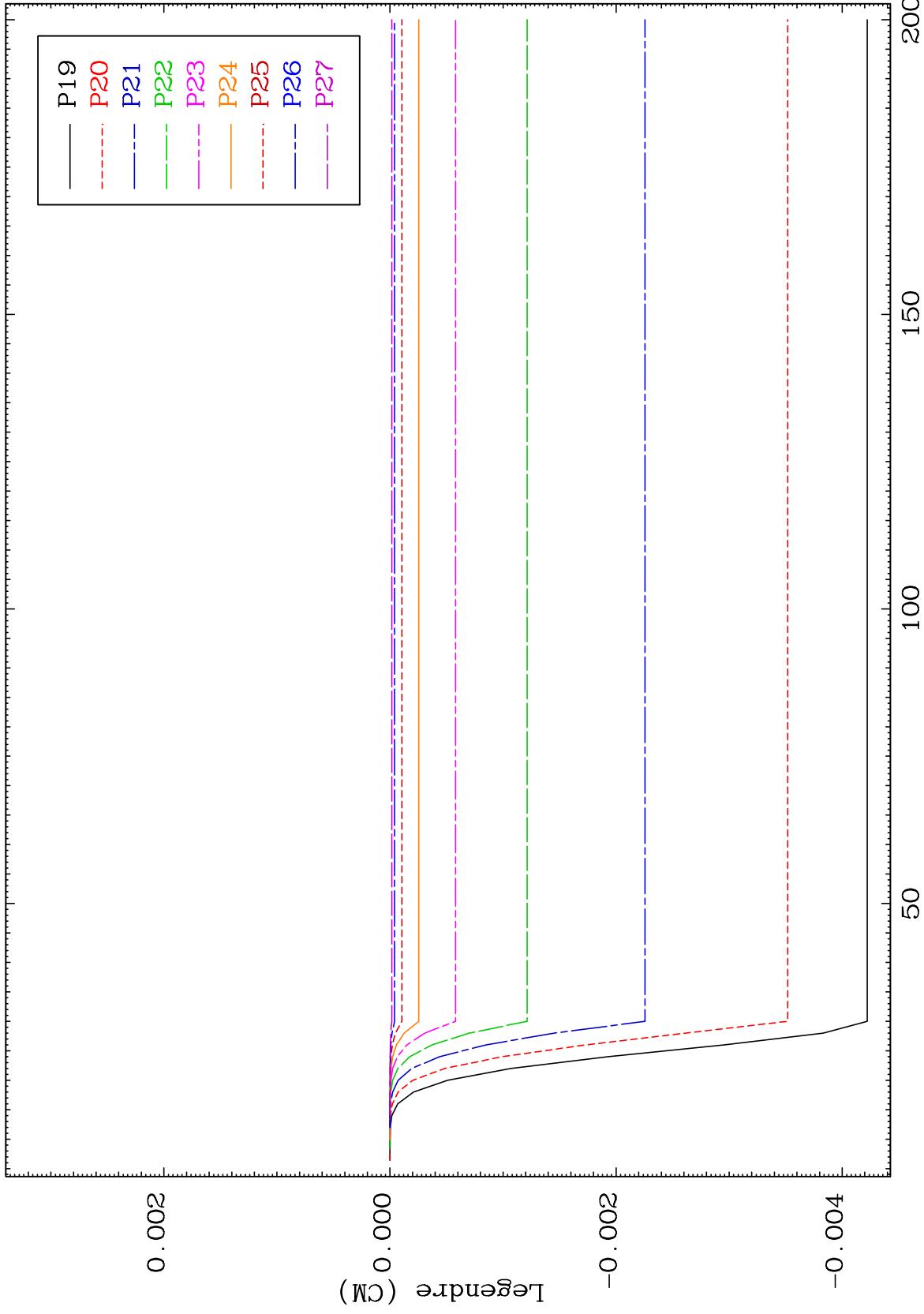
Incident Energy (MeV)

63-Eu-145

MAT 6307

1.368 MeV (n,n') Level
Legendre Coefficients

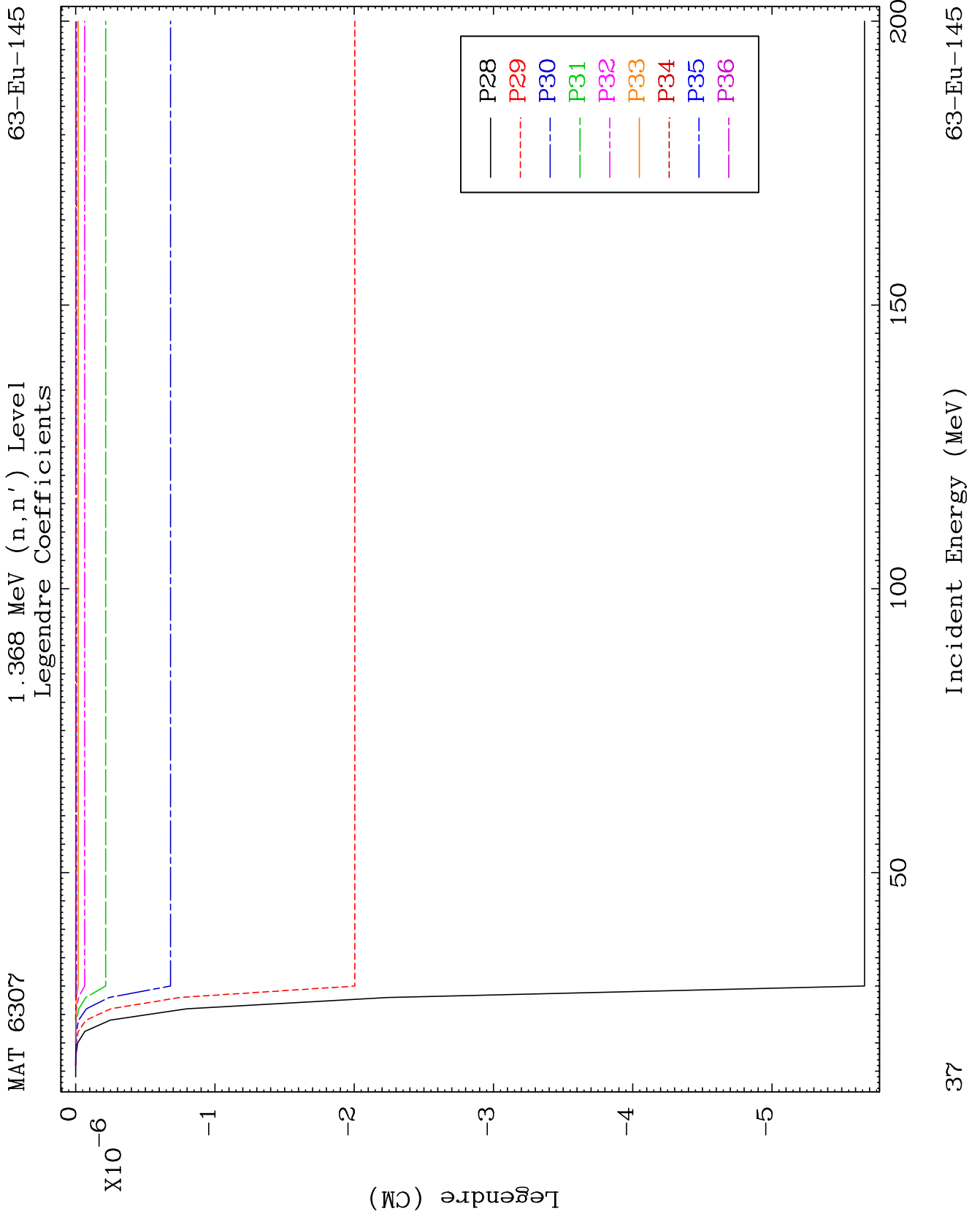
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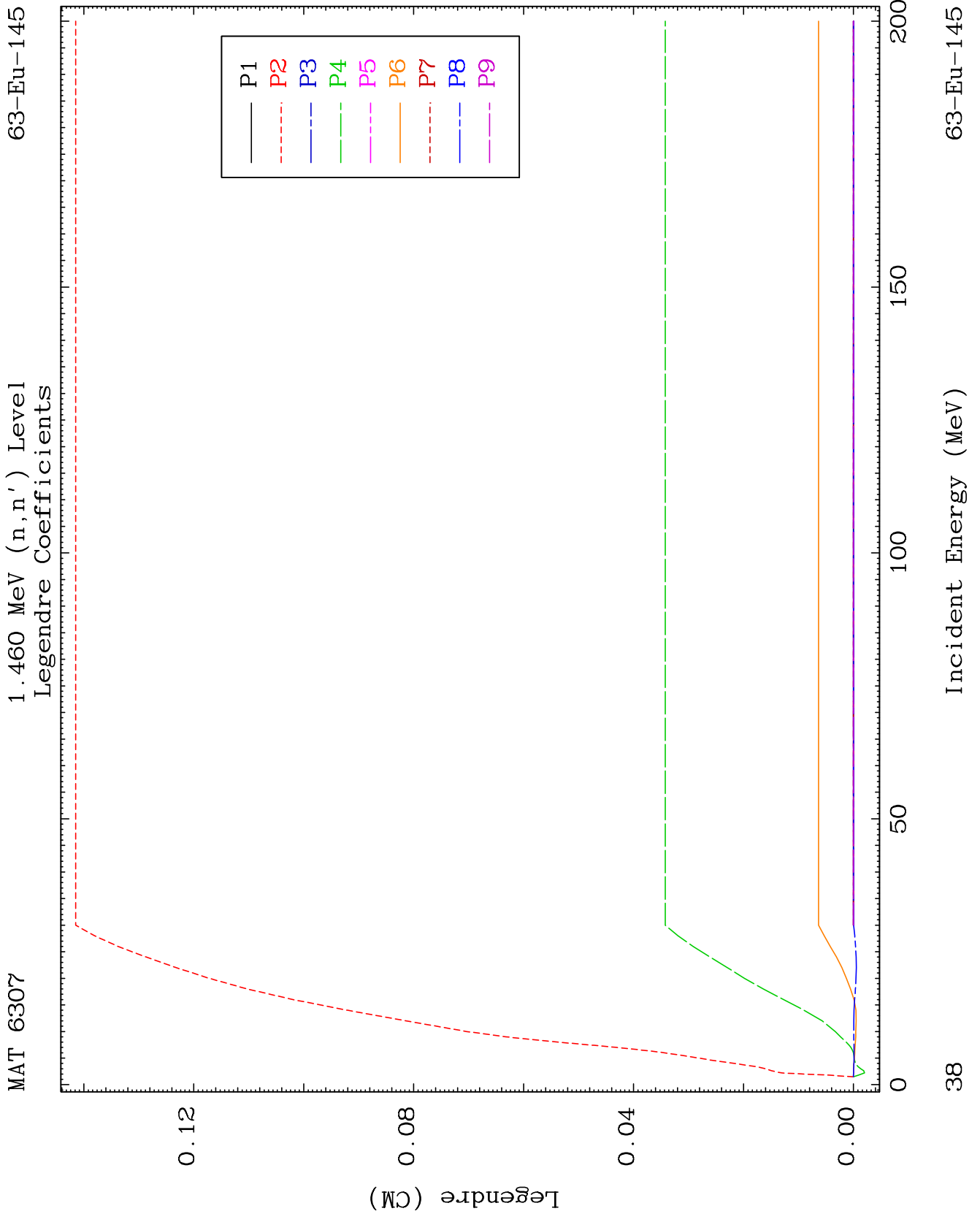


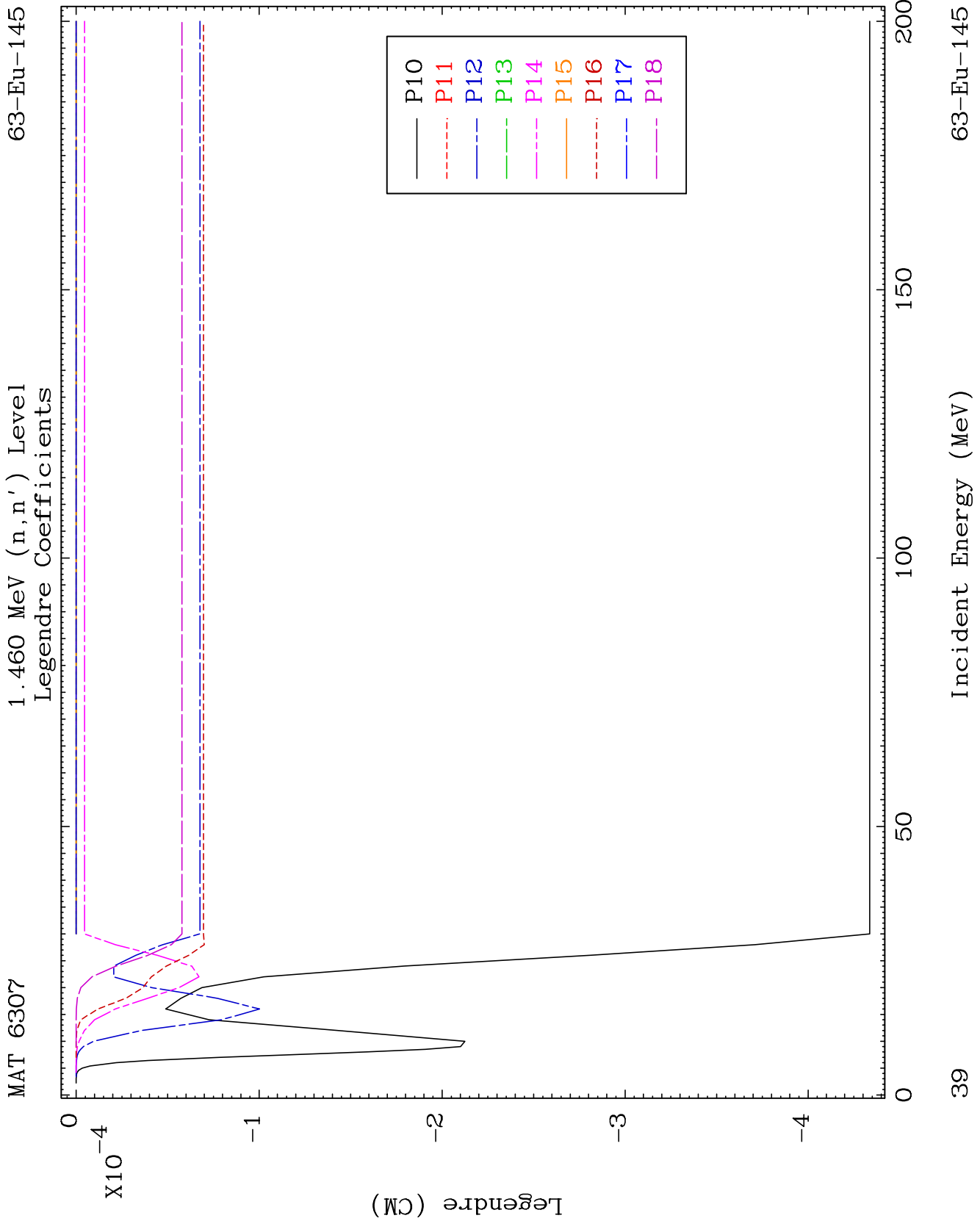
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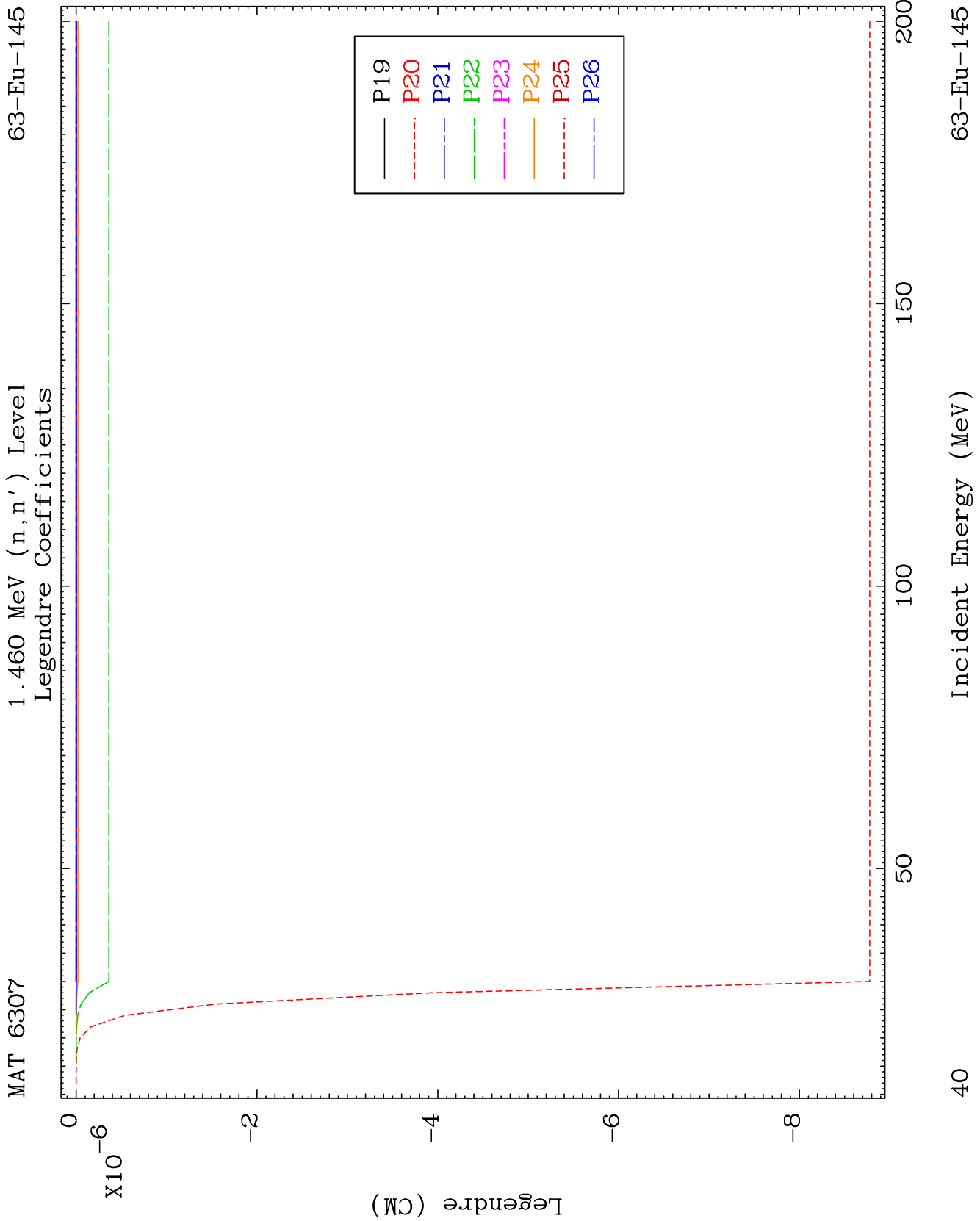
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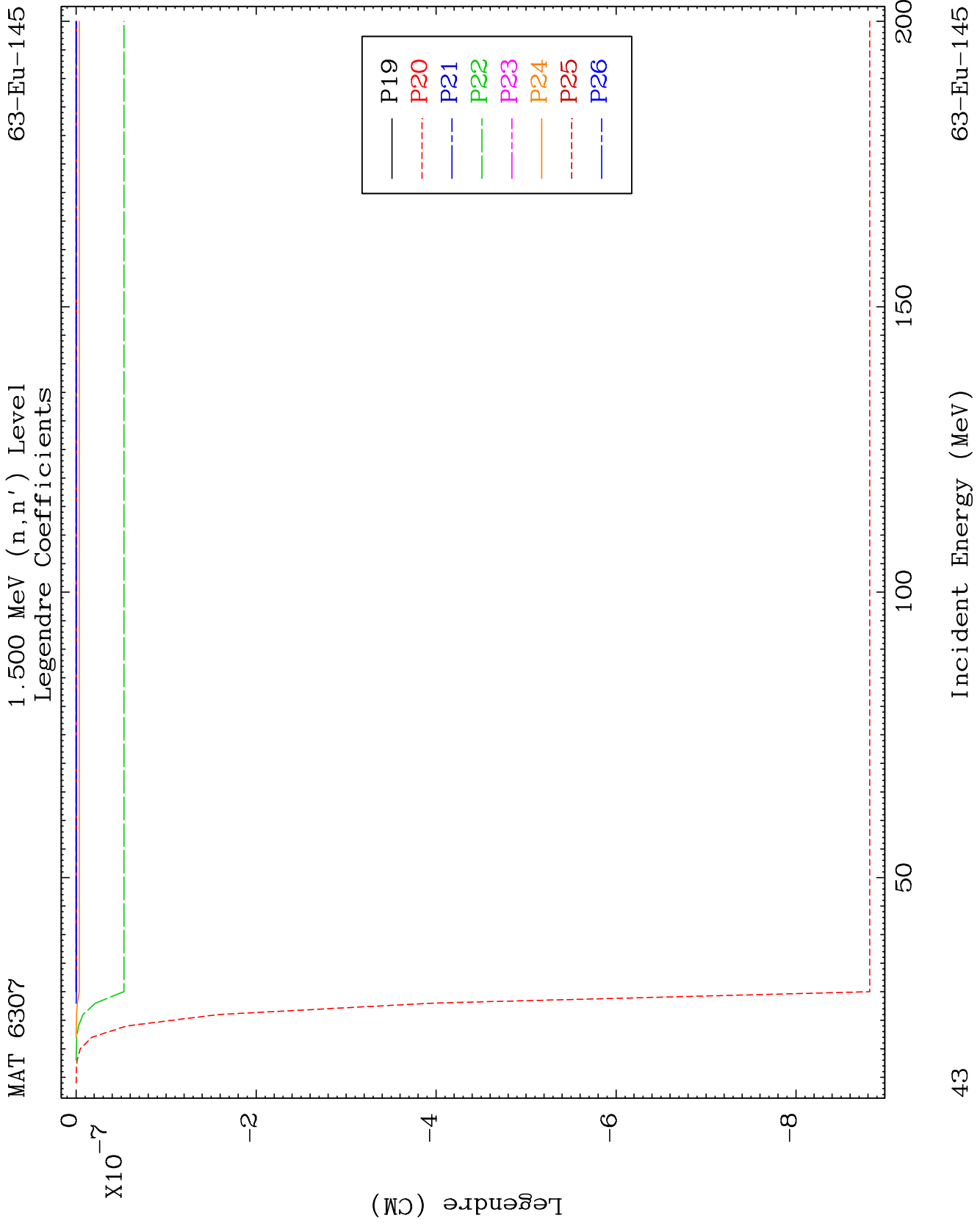
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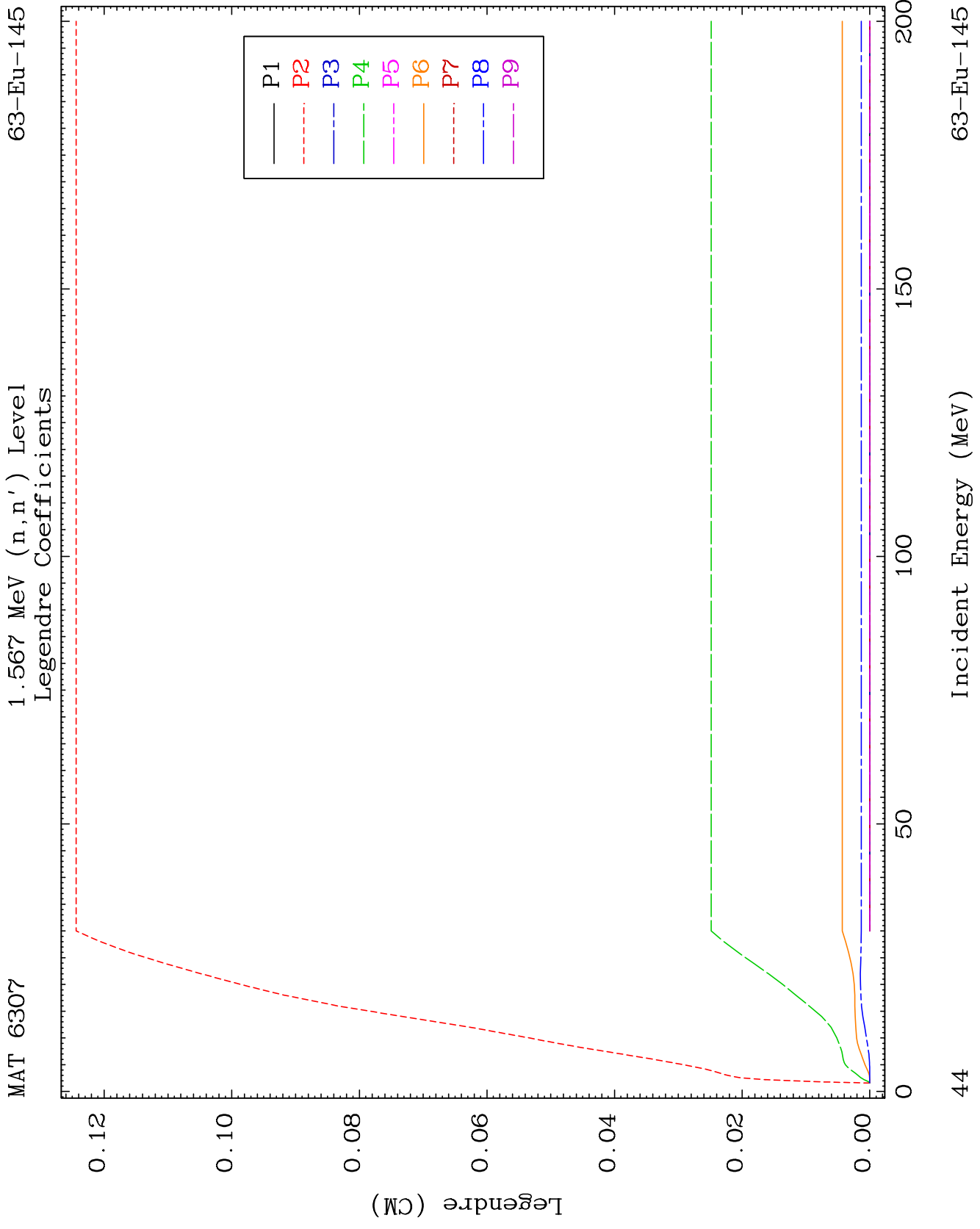








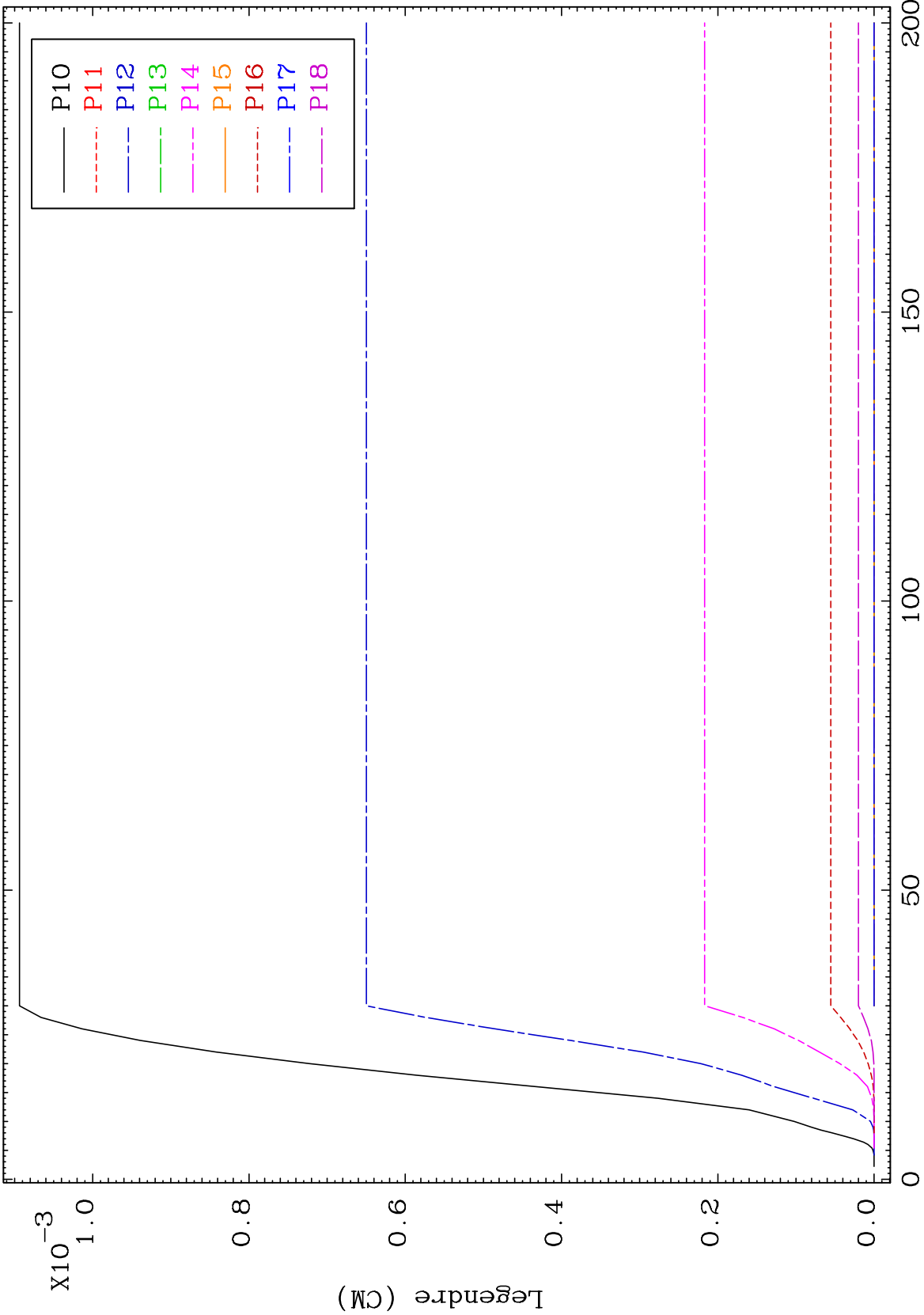




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1.567 MeV (n,n') Level
Legendre Coefficients

63-Eu-145



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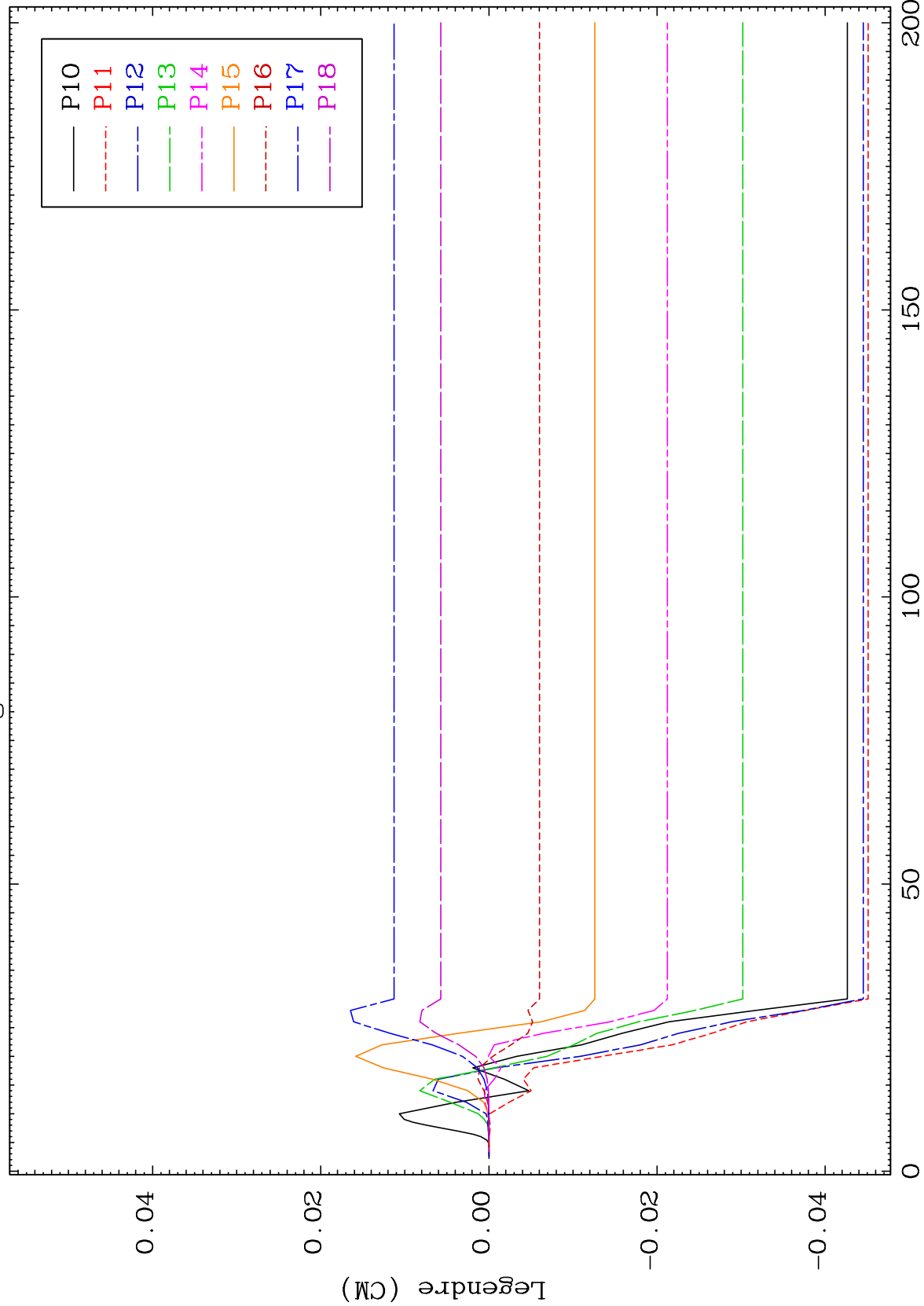
Incident Energy (MeV)

63-Eu-145

MAT 6307

1.599 MeV (n, n') Level
Legendre Coefficients

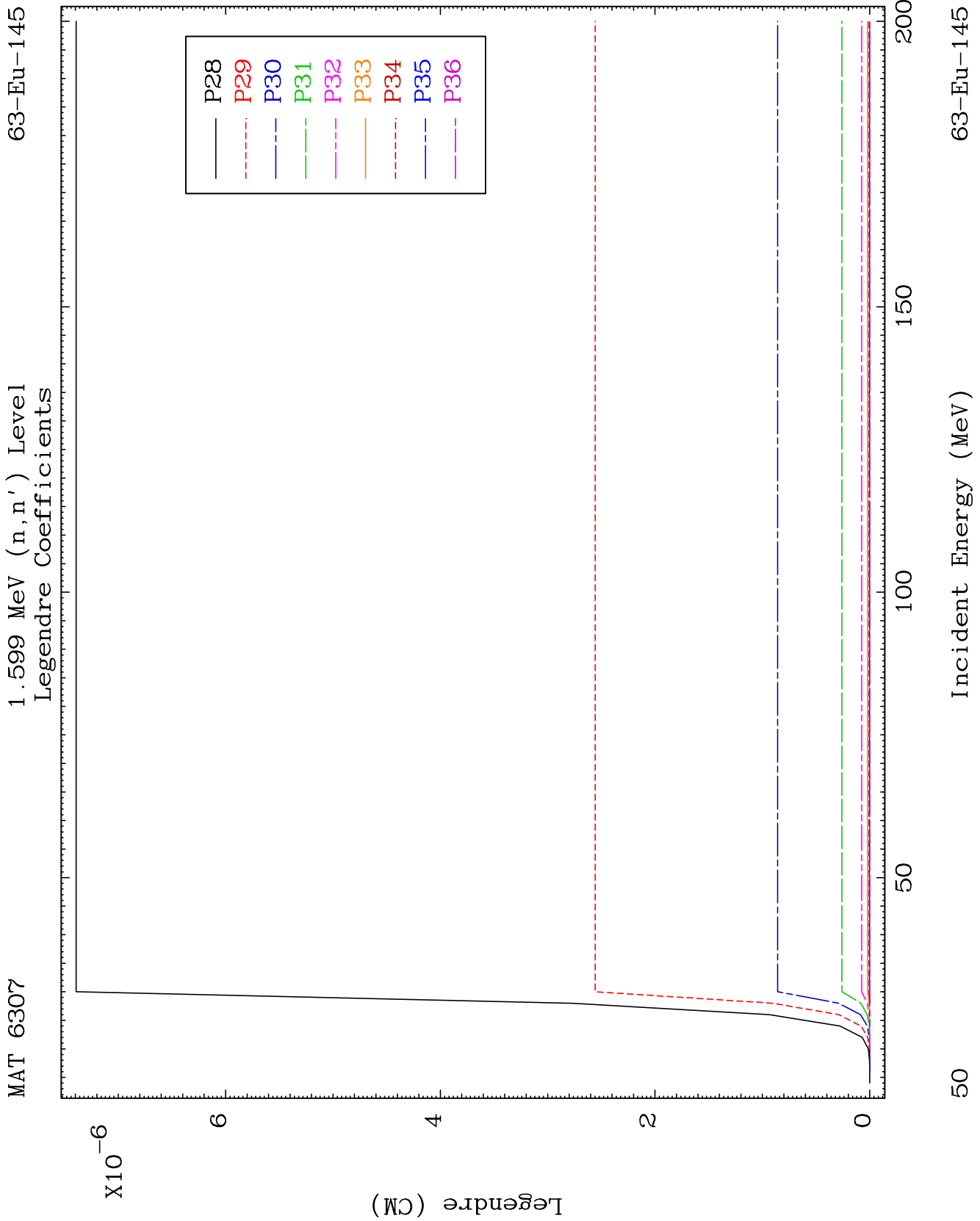
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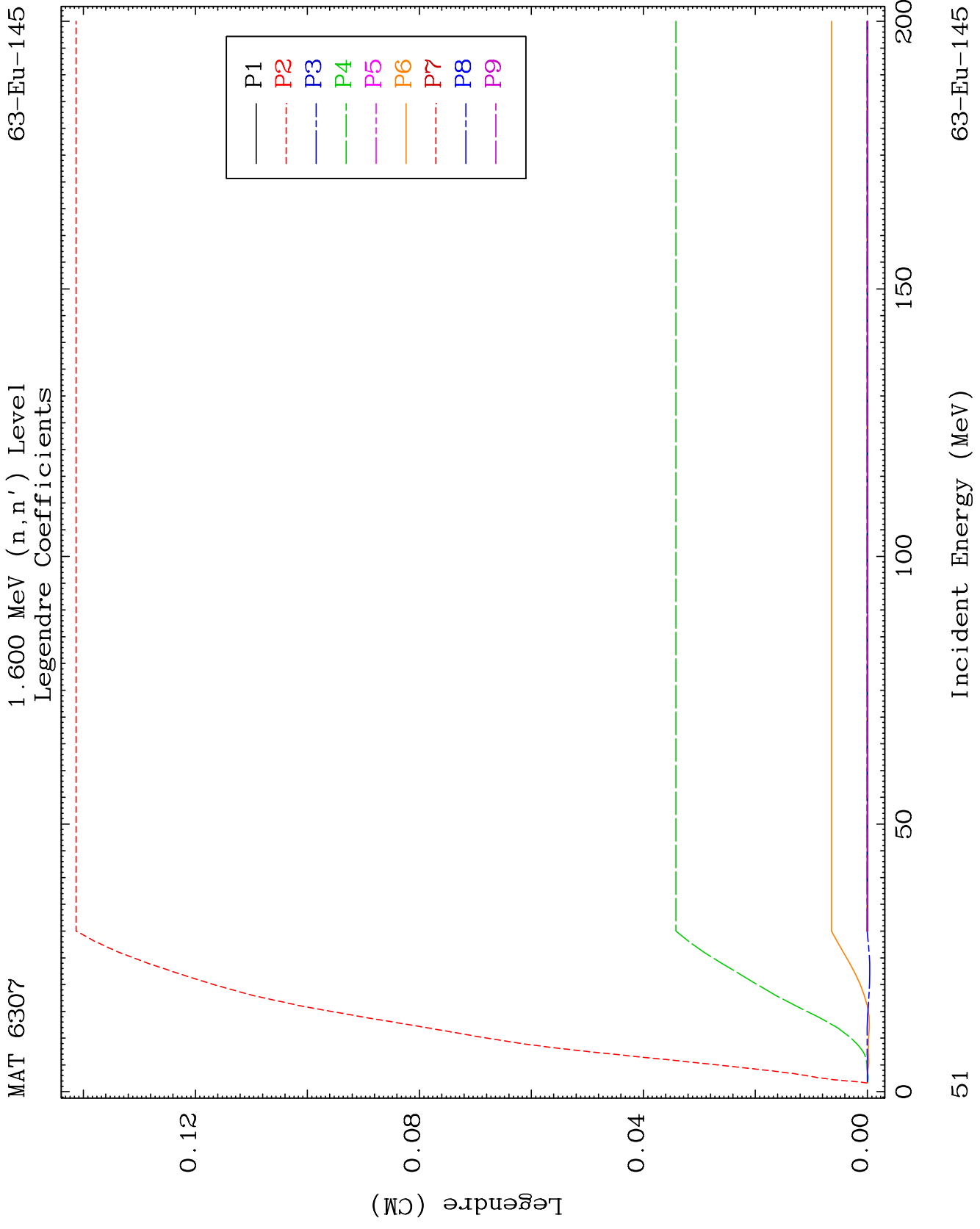


48

Incident Energy (MeV)

63-Eu-145

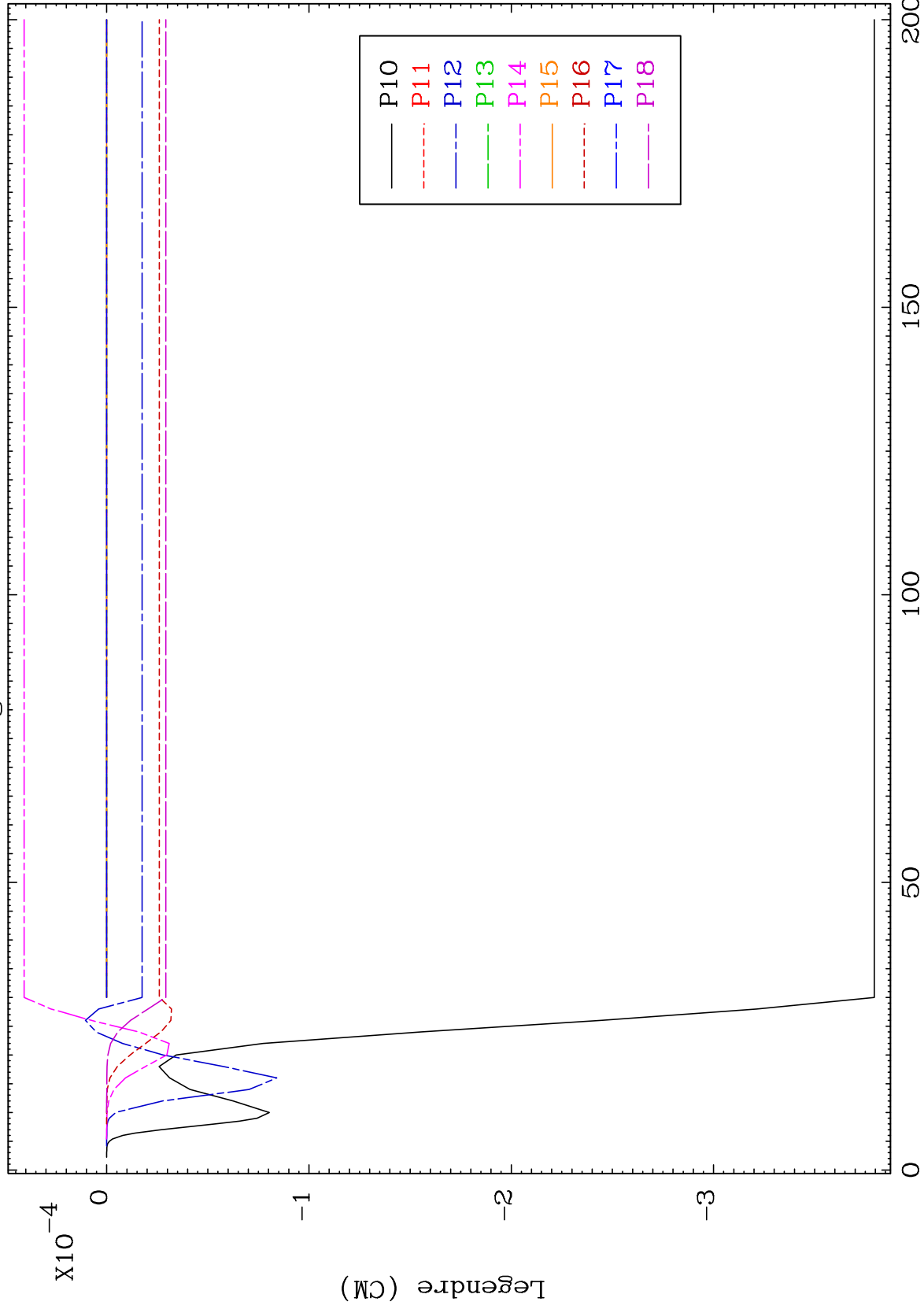




MAT 6307

1.600 MeV (n,n') Level
Legendre Coefficients

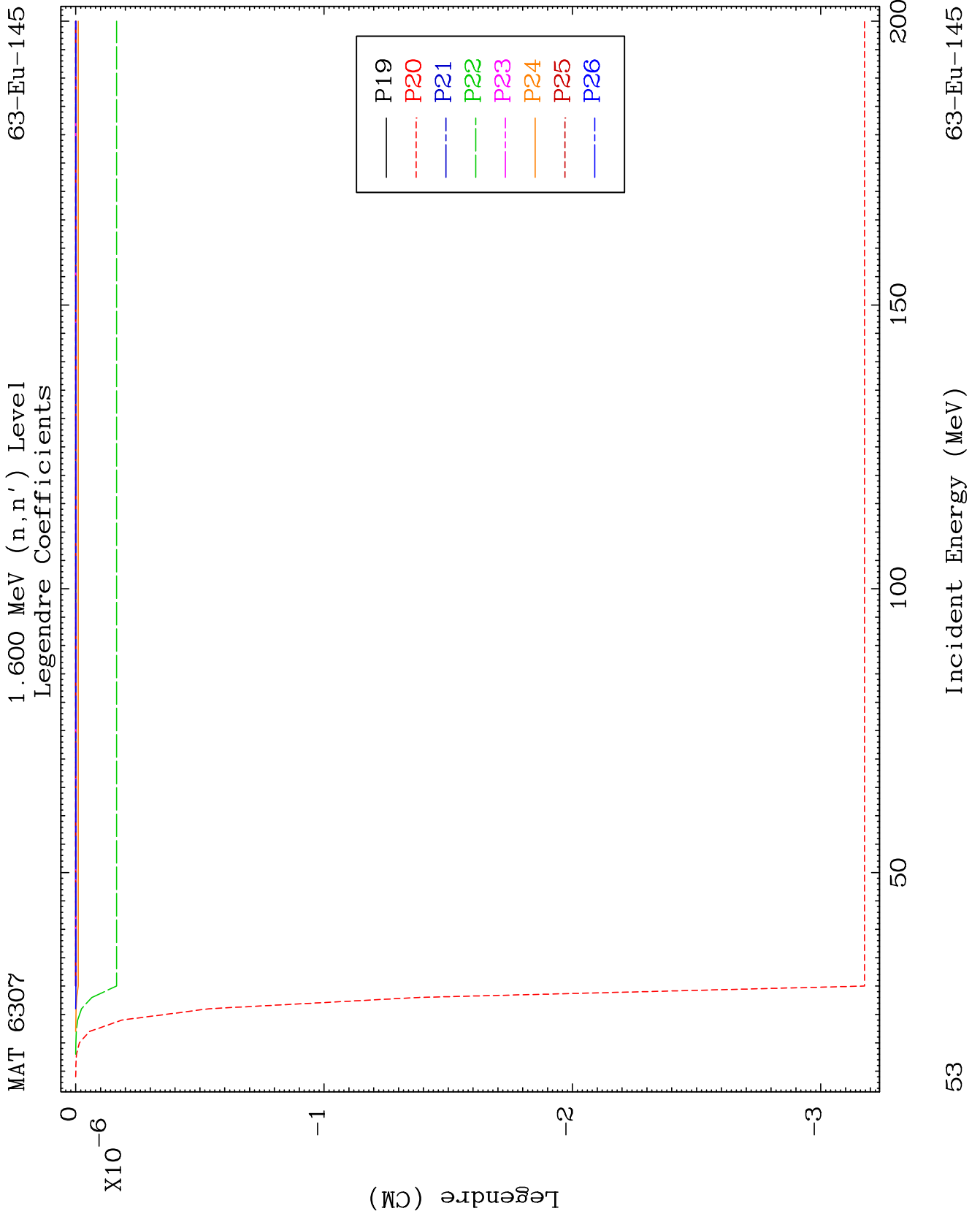
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52

Incident Energy (MeV)

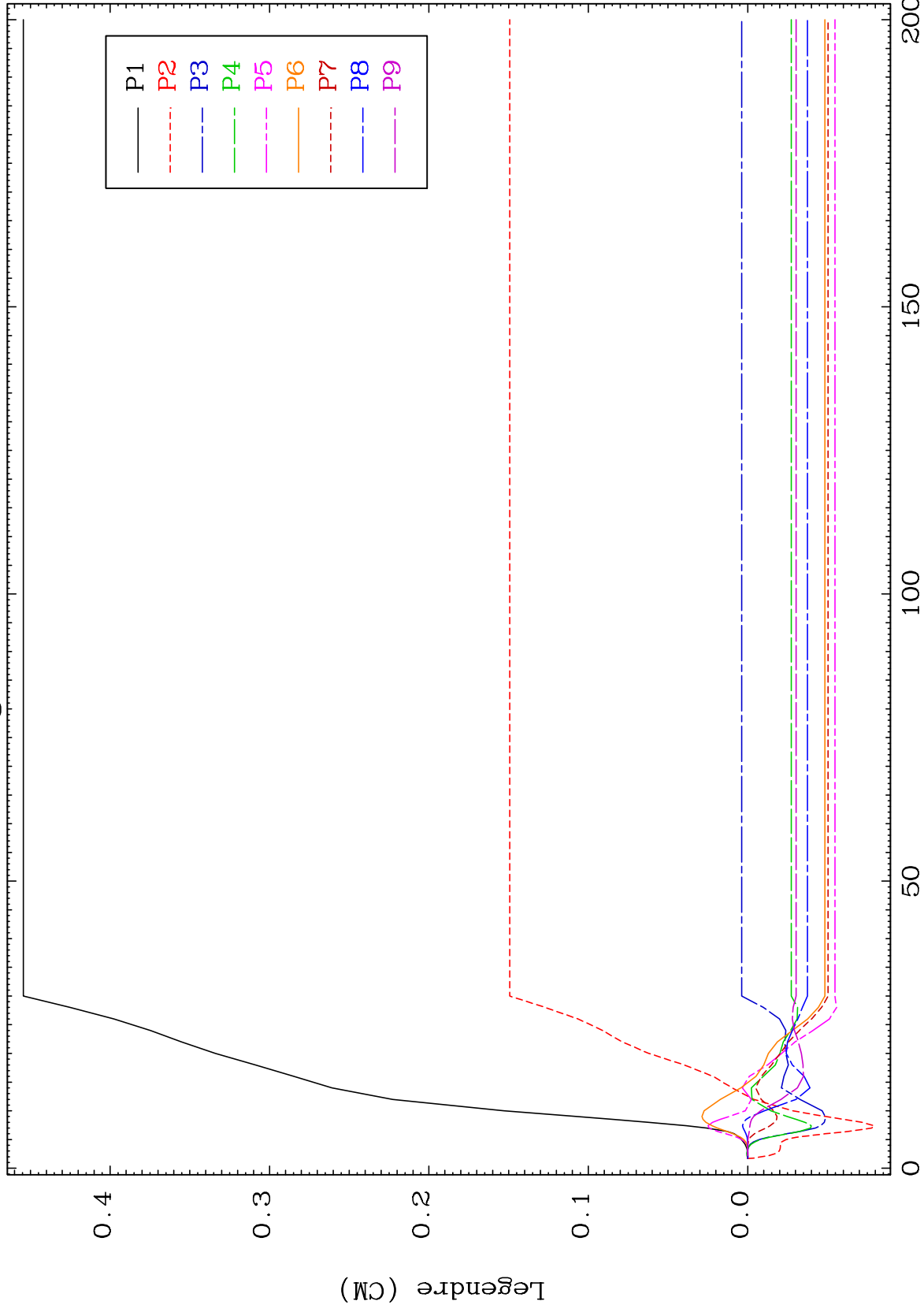
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MAT 6307

1.673 MeV (n,n') Level
Legendre Coefficients

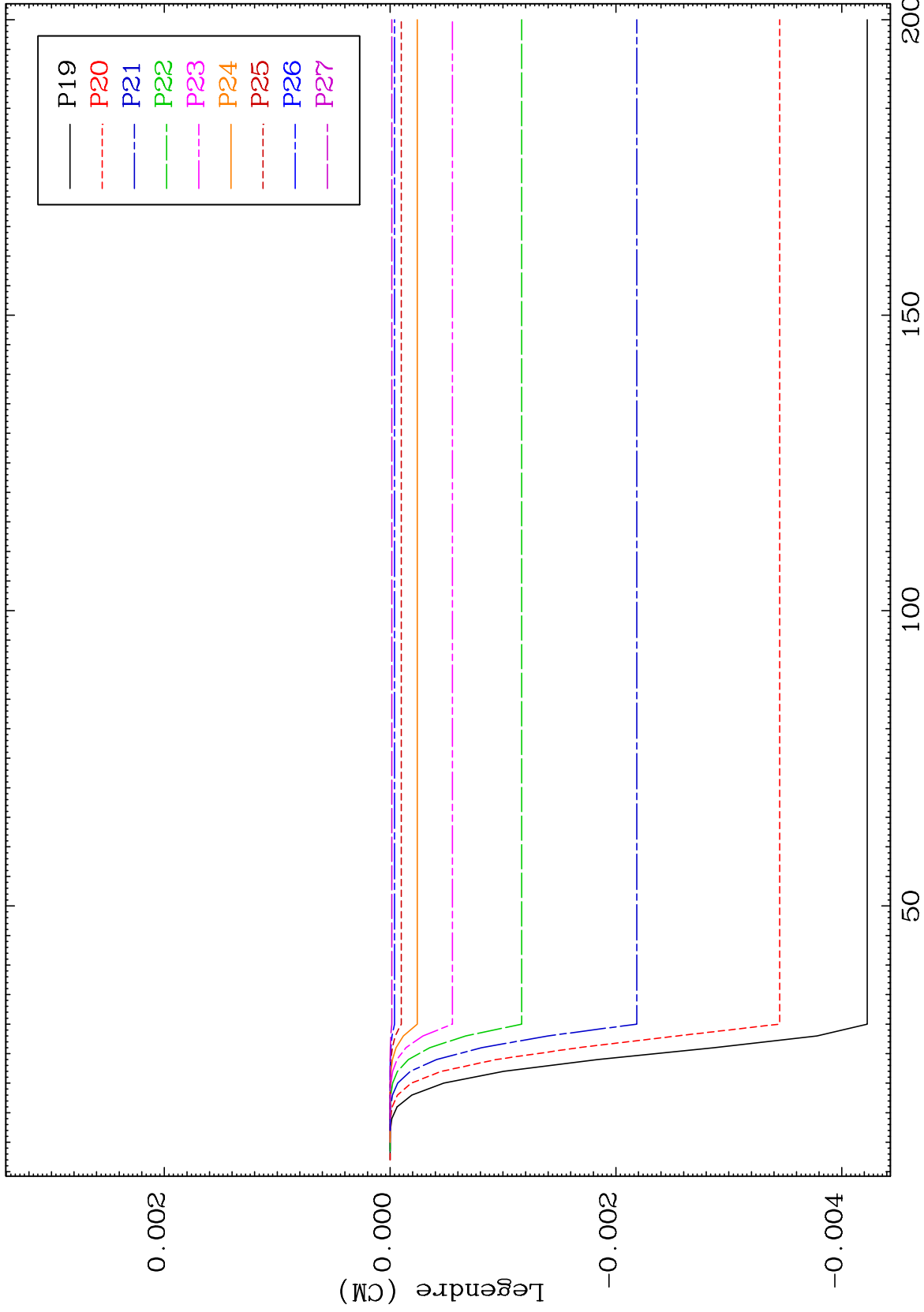
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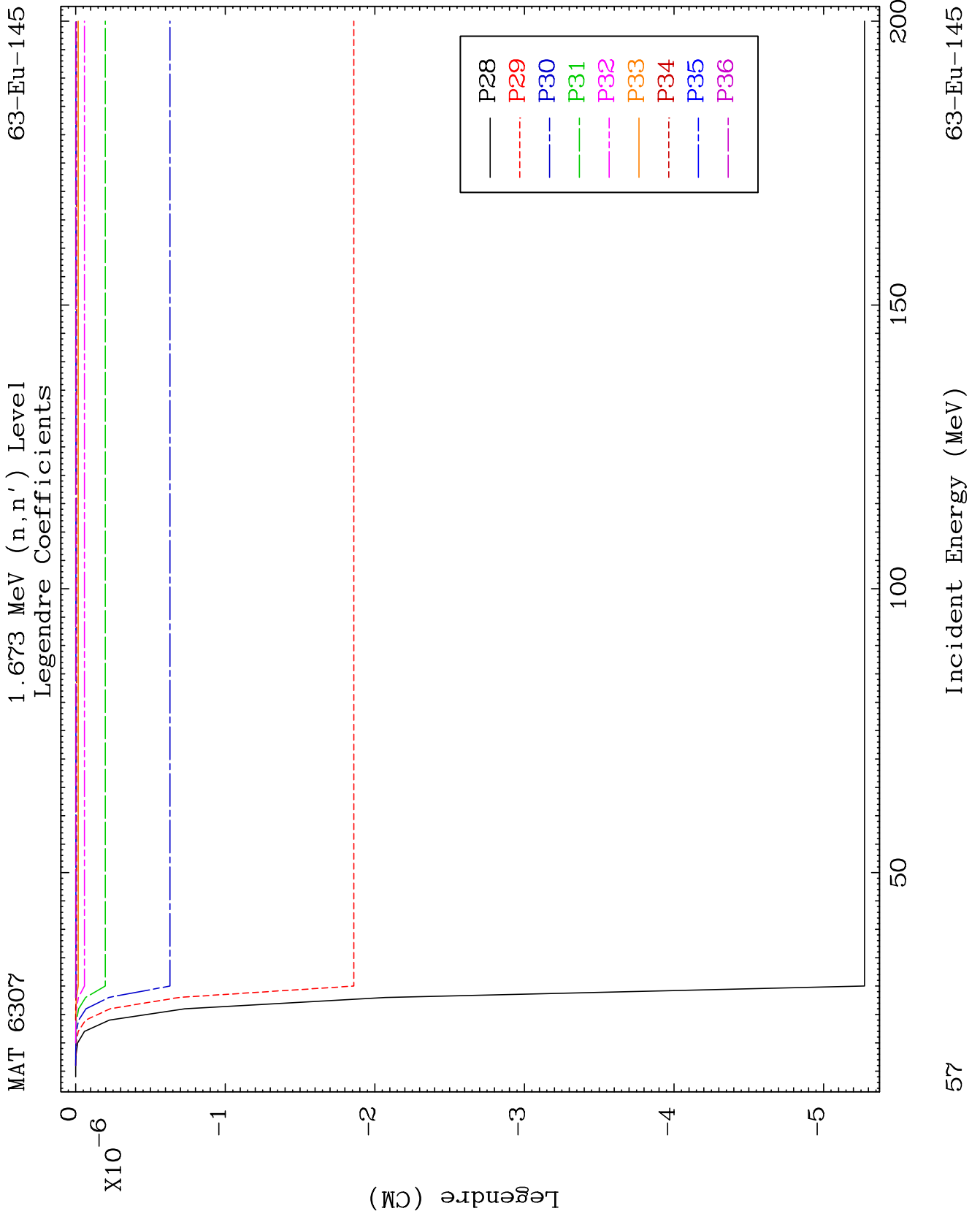


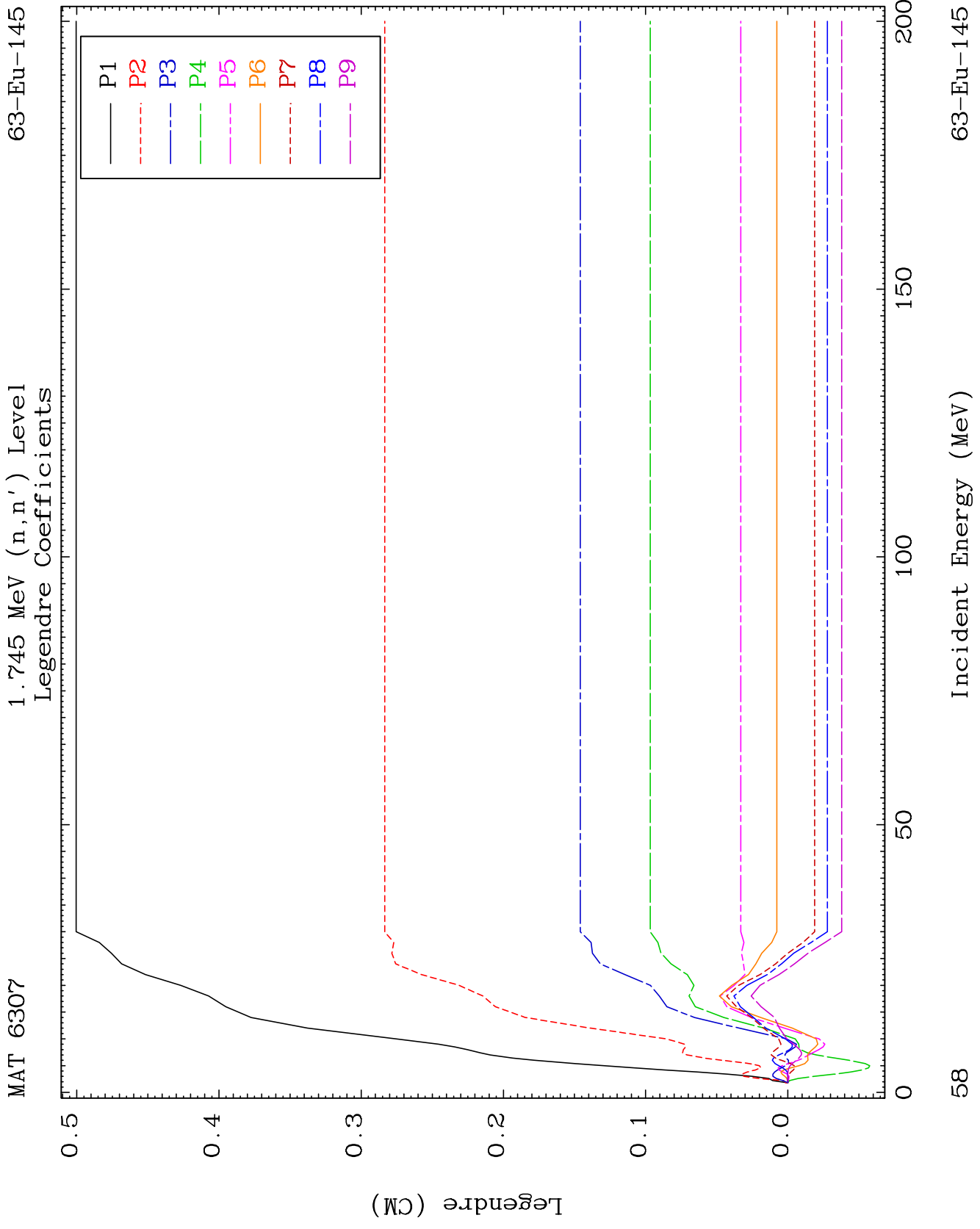
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Incident Energy (MeV)

63-Eu-145



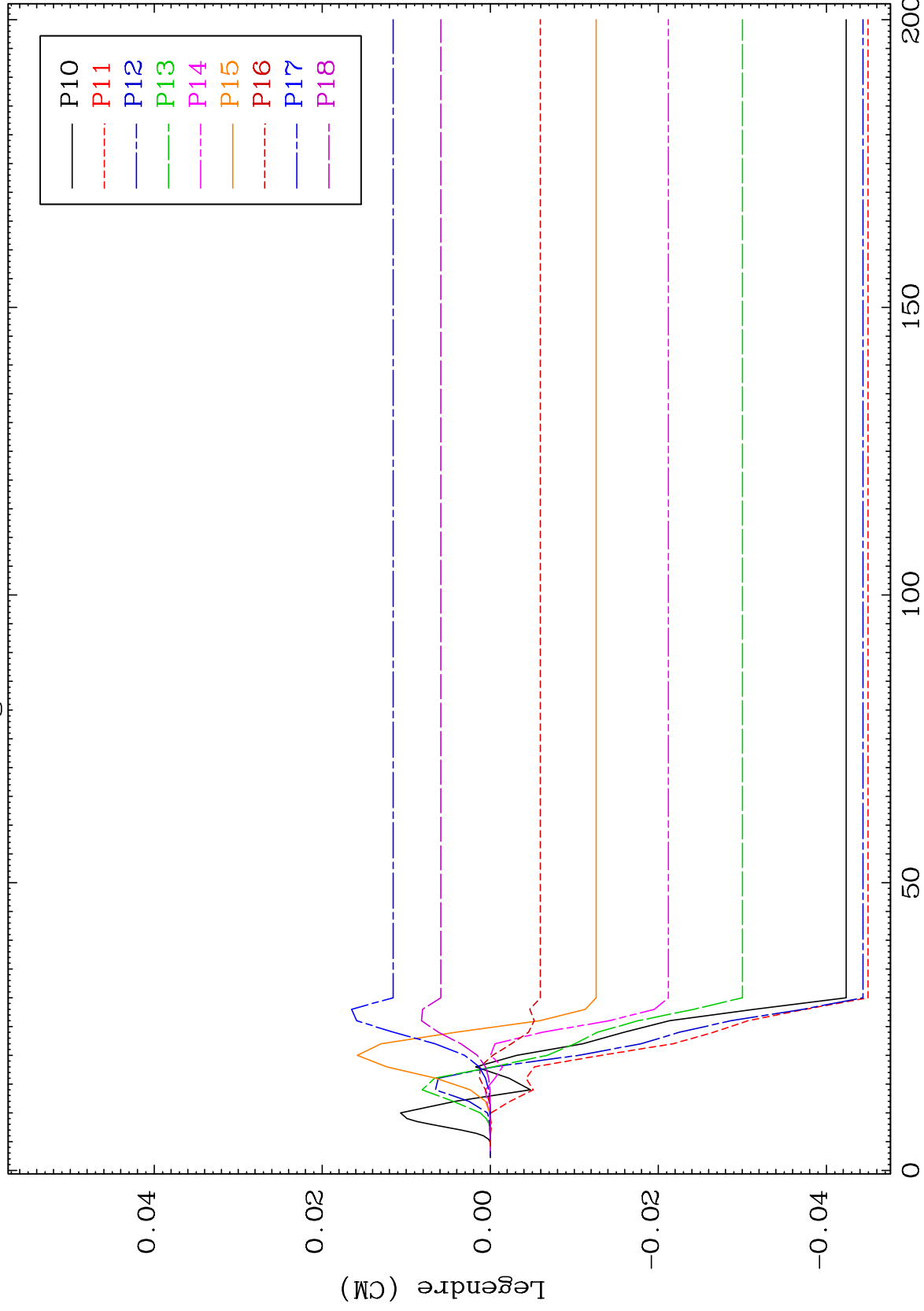




MAT 6307

1.745 MeV (n,n') Level
Legendre Coefficients

63-Eu-145



59

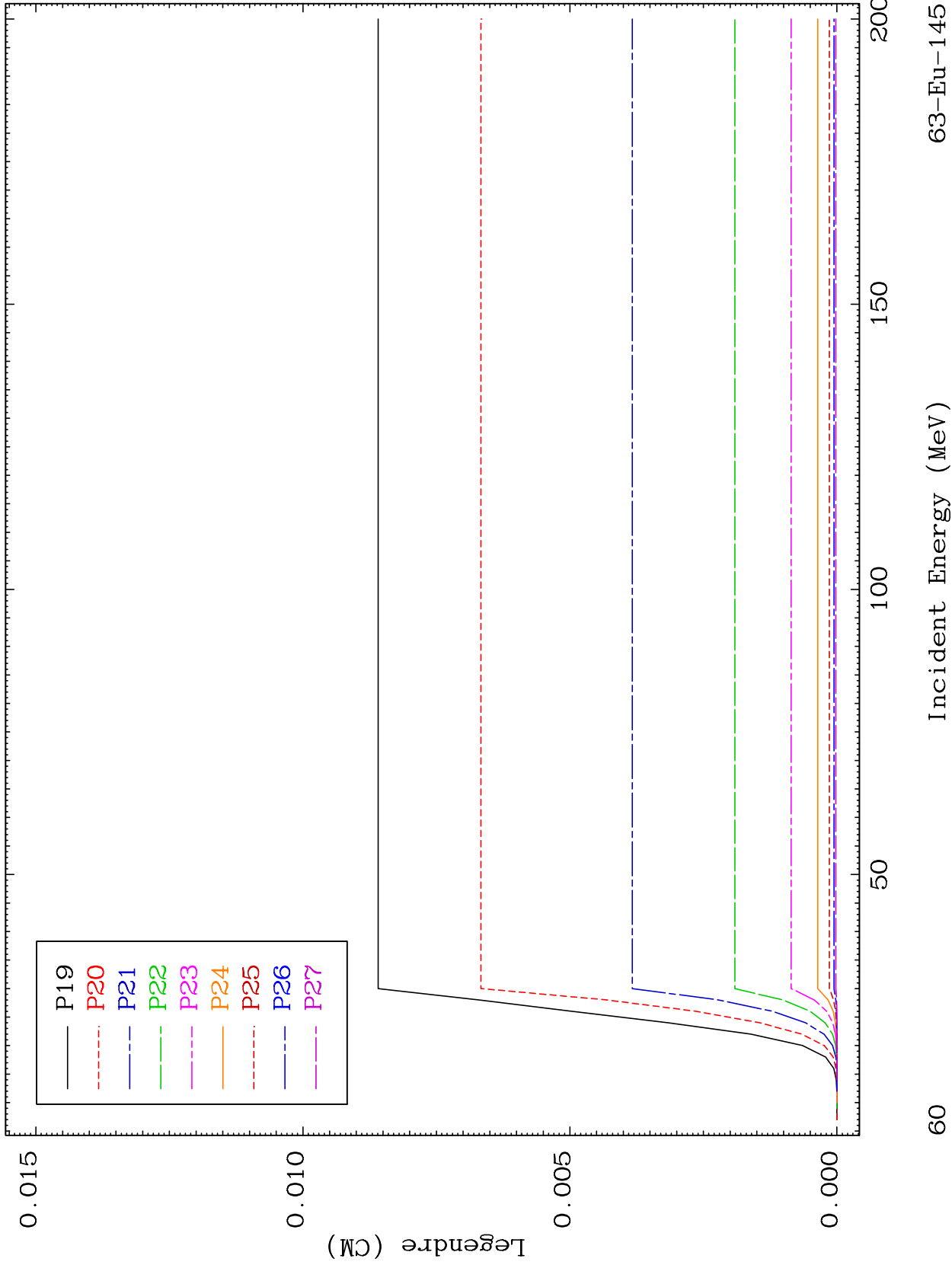
Incident Energy (MeV)

63-Eu-145

MAT 6307

1.745 MeV (n,n') Level
Legendre Coefficients

63-Eu-145



63-Eu-145

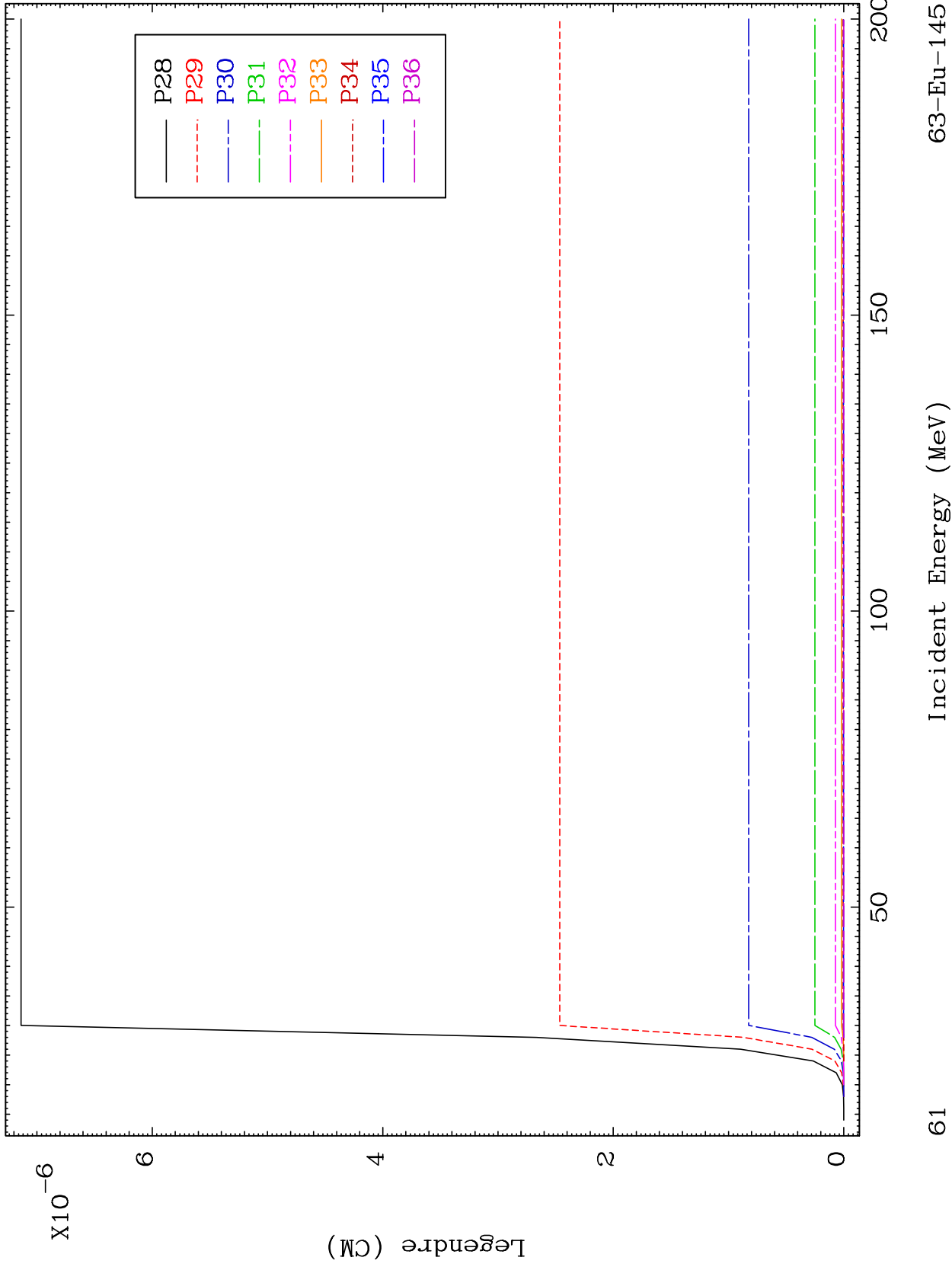
Incident Energy (MeV)

60

MAT 6307

1.745 MeV (n,n') Level
Legendre Coefficients

63-Eu-145



61

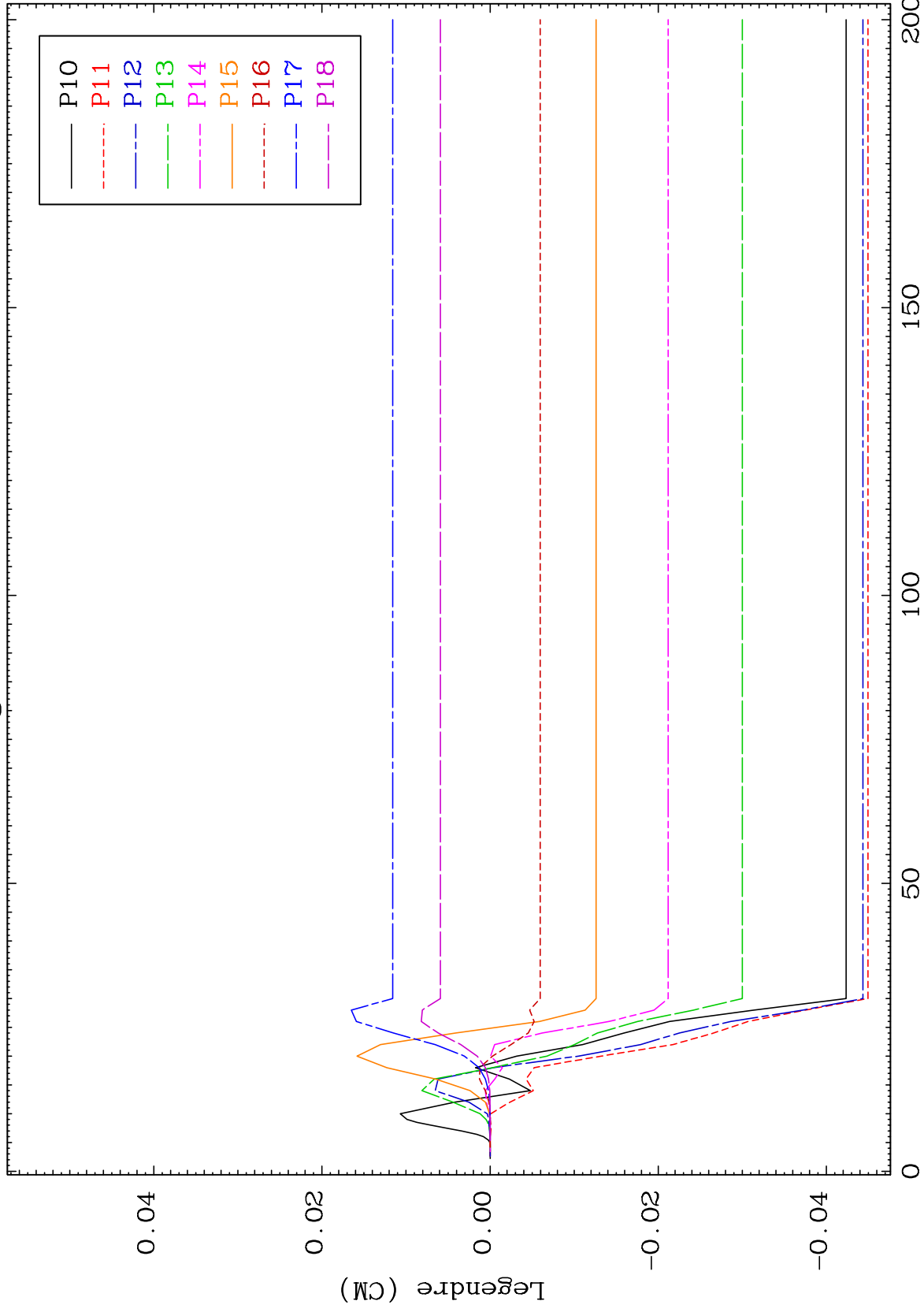
Incident Energy (MeV)

63-Eu-145

MAT 6307

1.758 MeV (n,n') Level
Legendre Coefficients

63-Eu-145



63

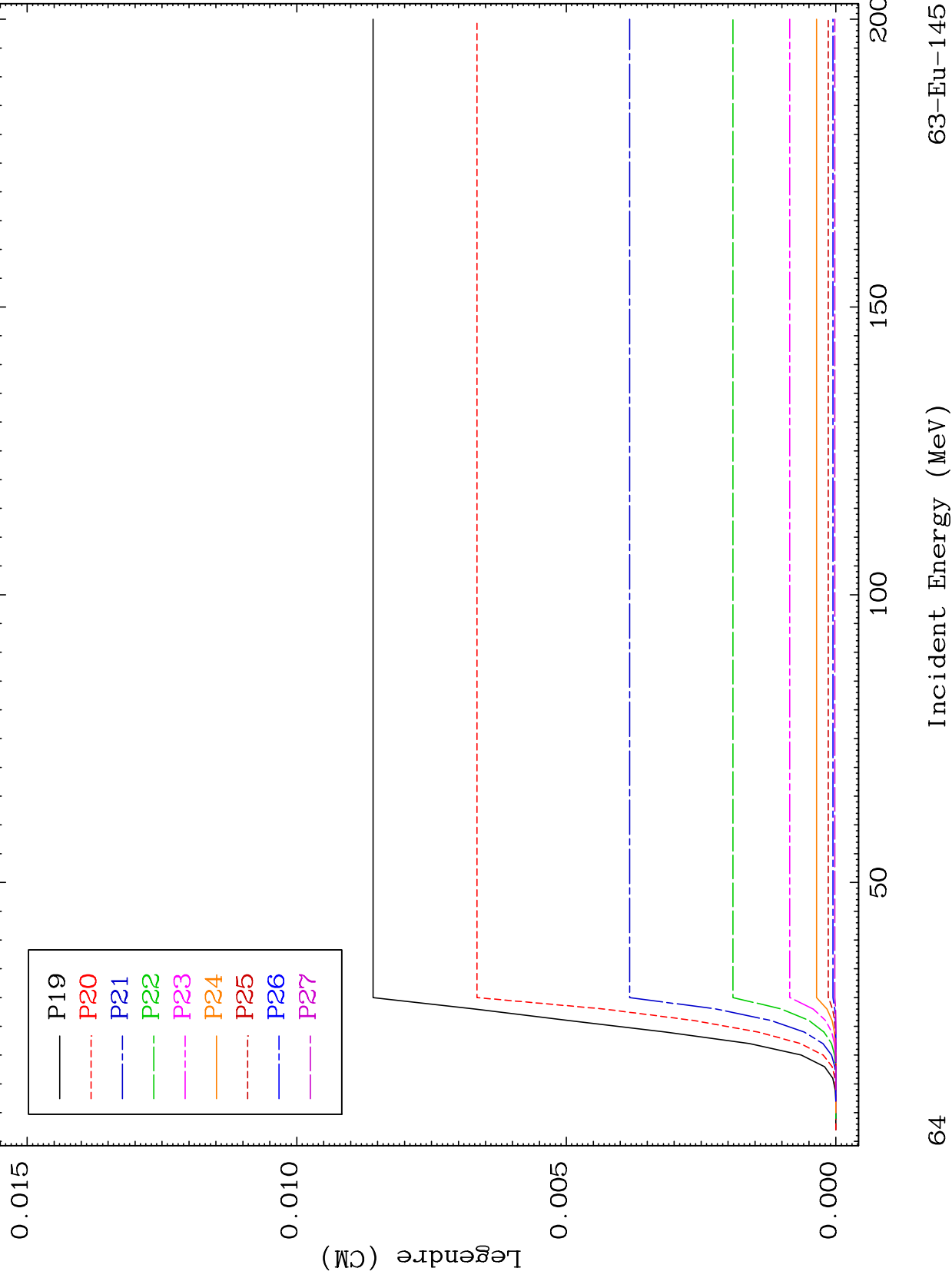
Incident Energy (MeV)

63-Eu-145

MAT 6307

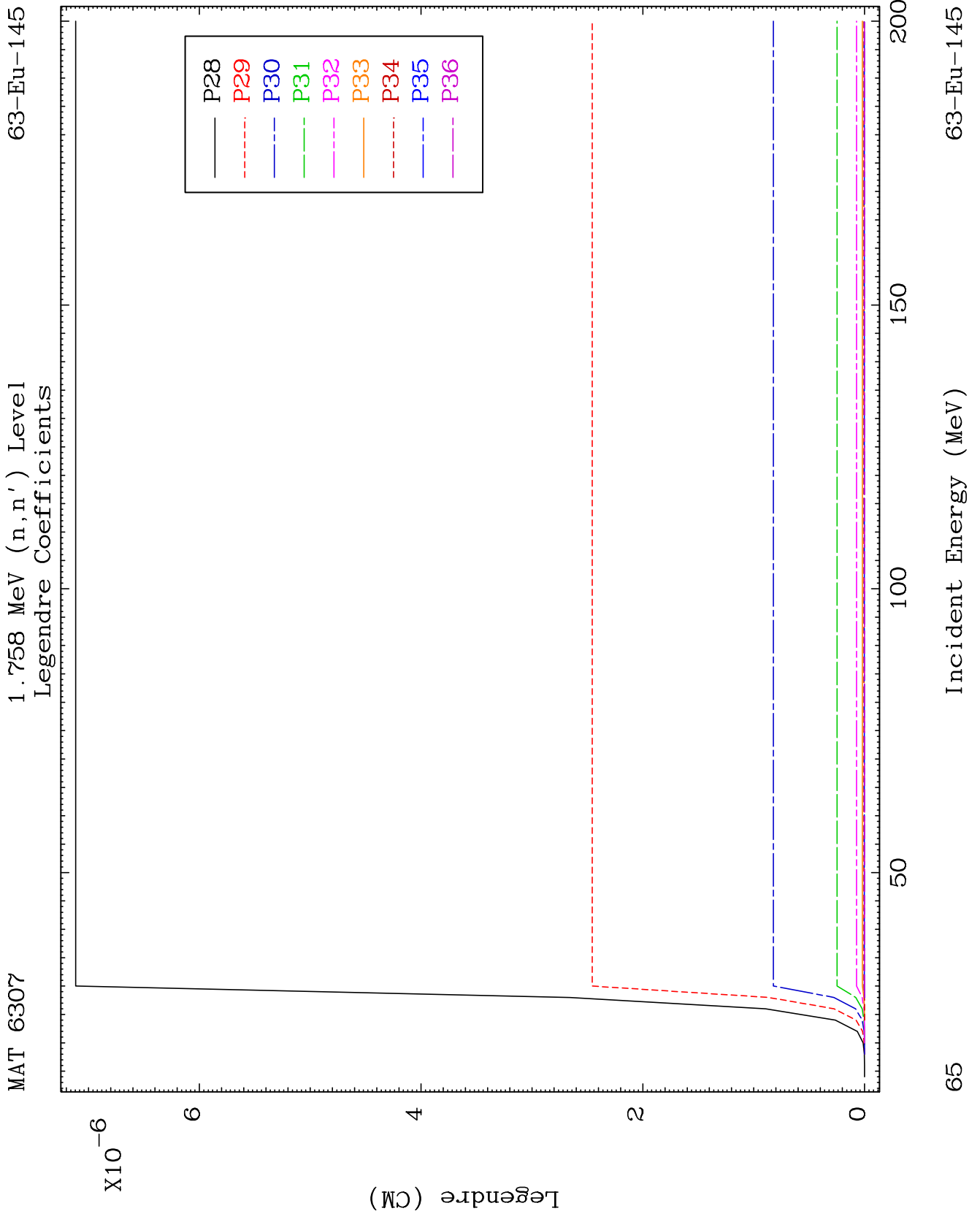
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Legendre Coefficients

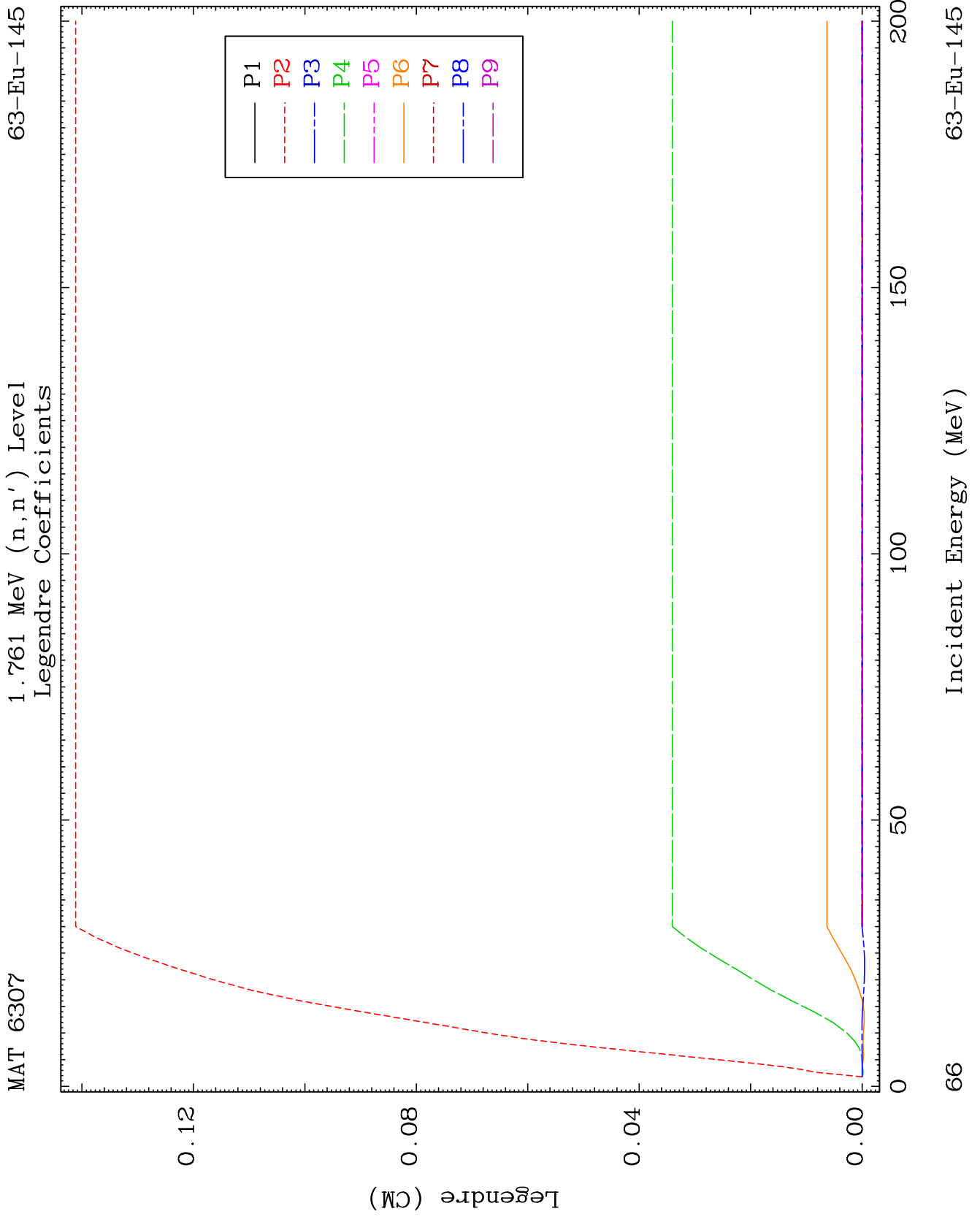
63-Eu-145



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63-Eu-145

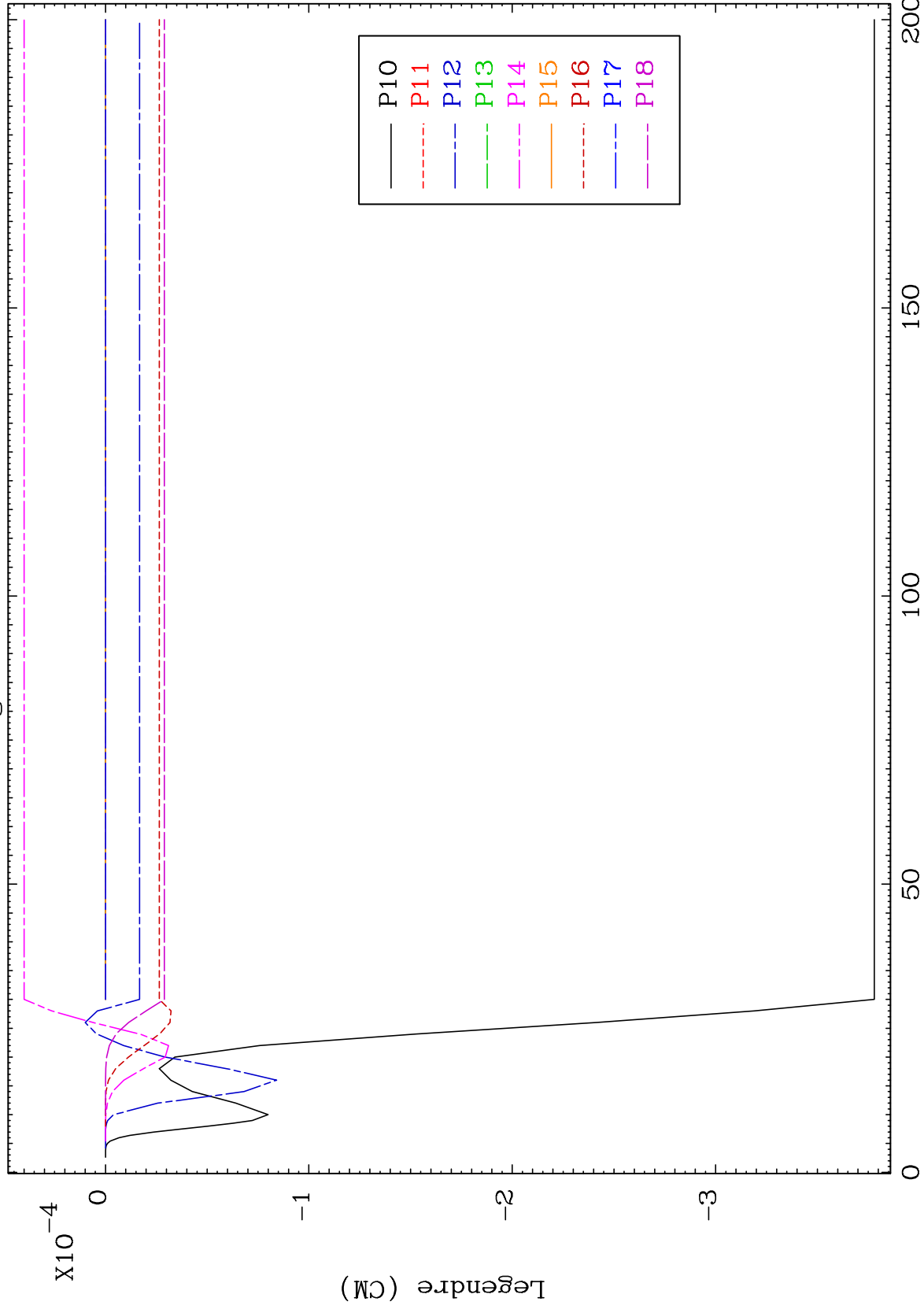




MAT 6307

1.761 MeV (n,n') Level
Legendre Coefficients

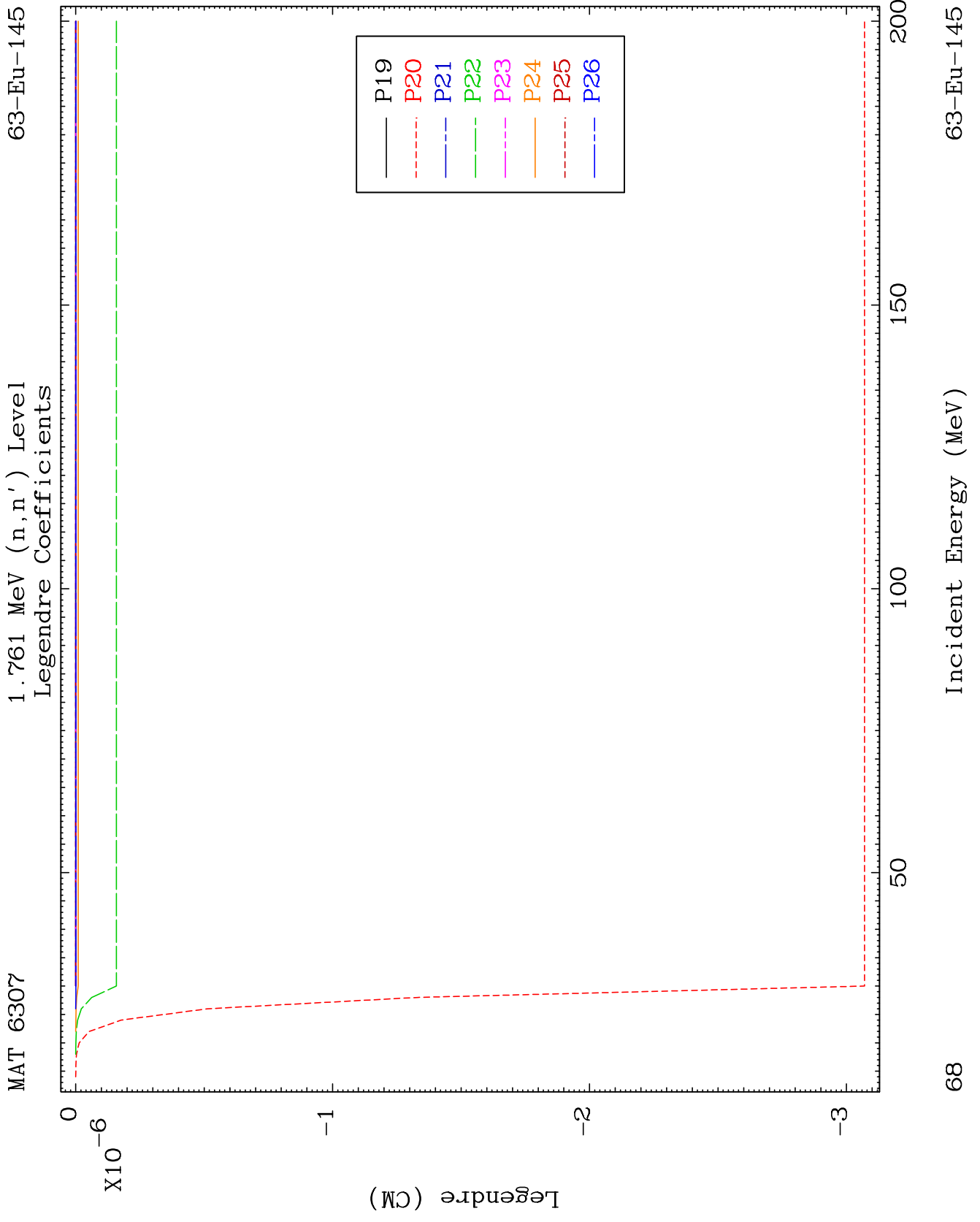
63-Eu-145



67

Incident Energy (MeV)

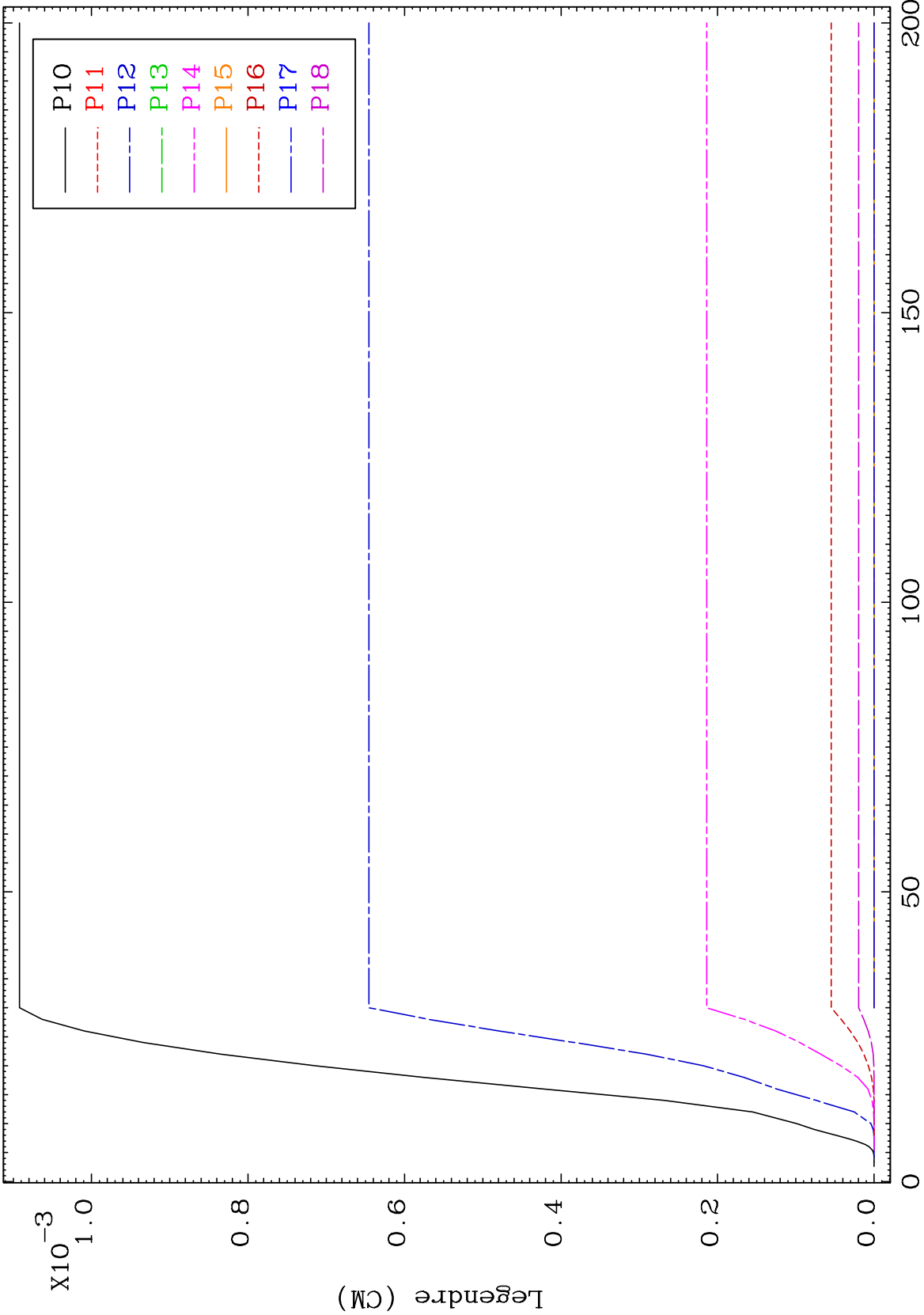
63-Eu-145



MAT 6307

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Legendre Coefficients

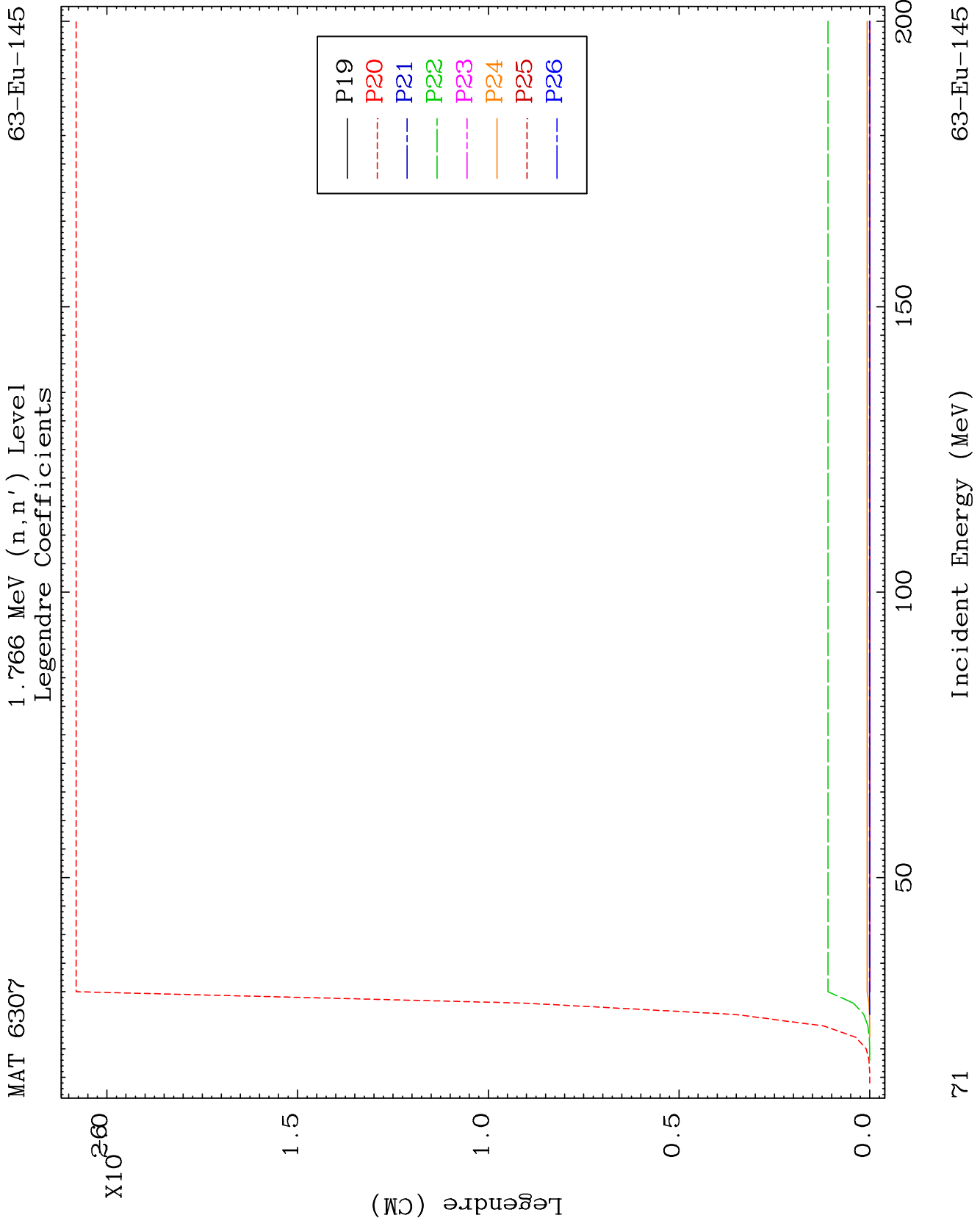
63-Eu-145



70

Incident Energy (MeV)

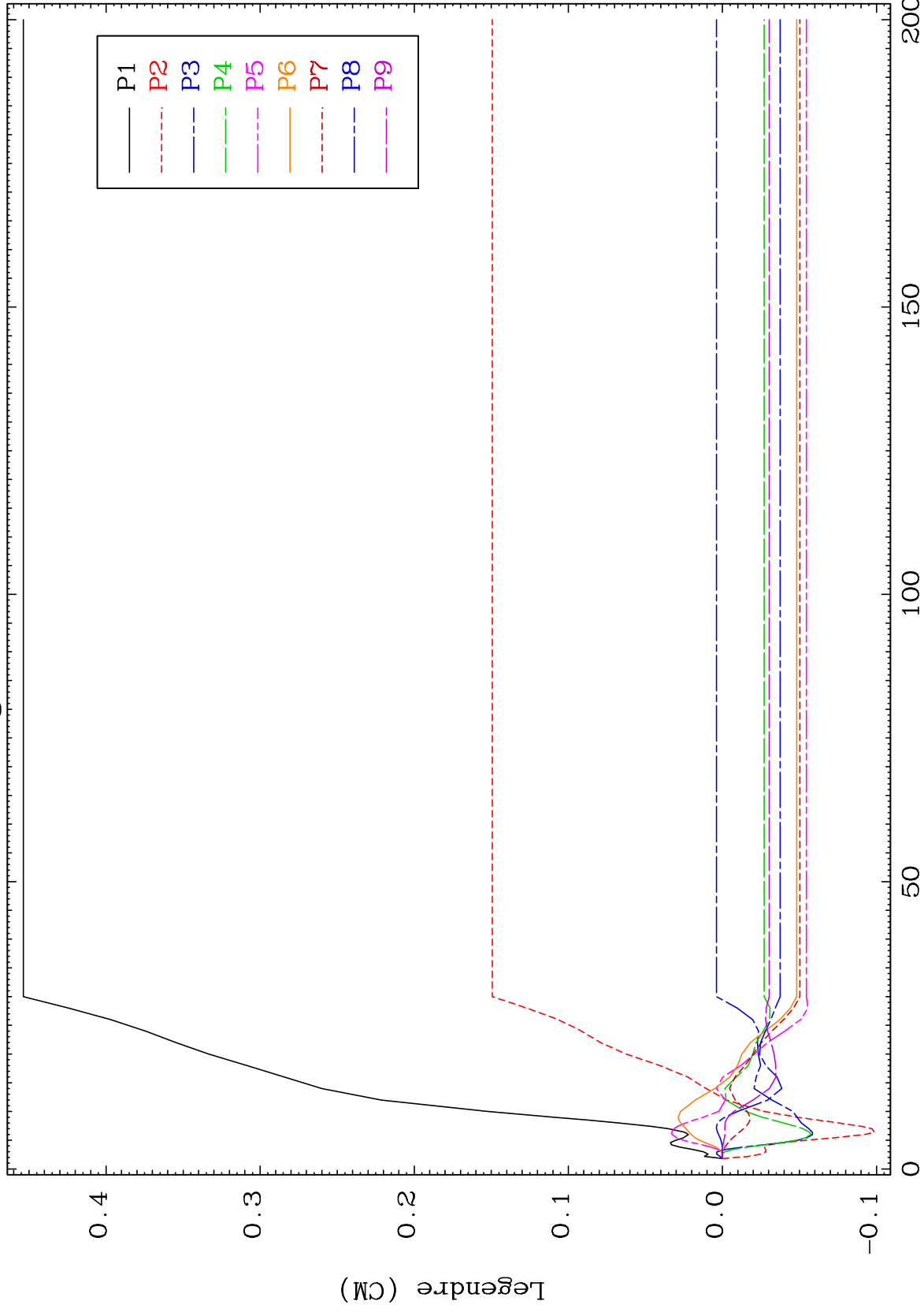
63-Eu-145



MAT 6307

1.792 MeV (n, n') Level
Legendre Coefficients

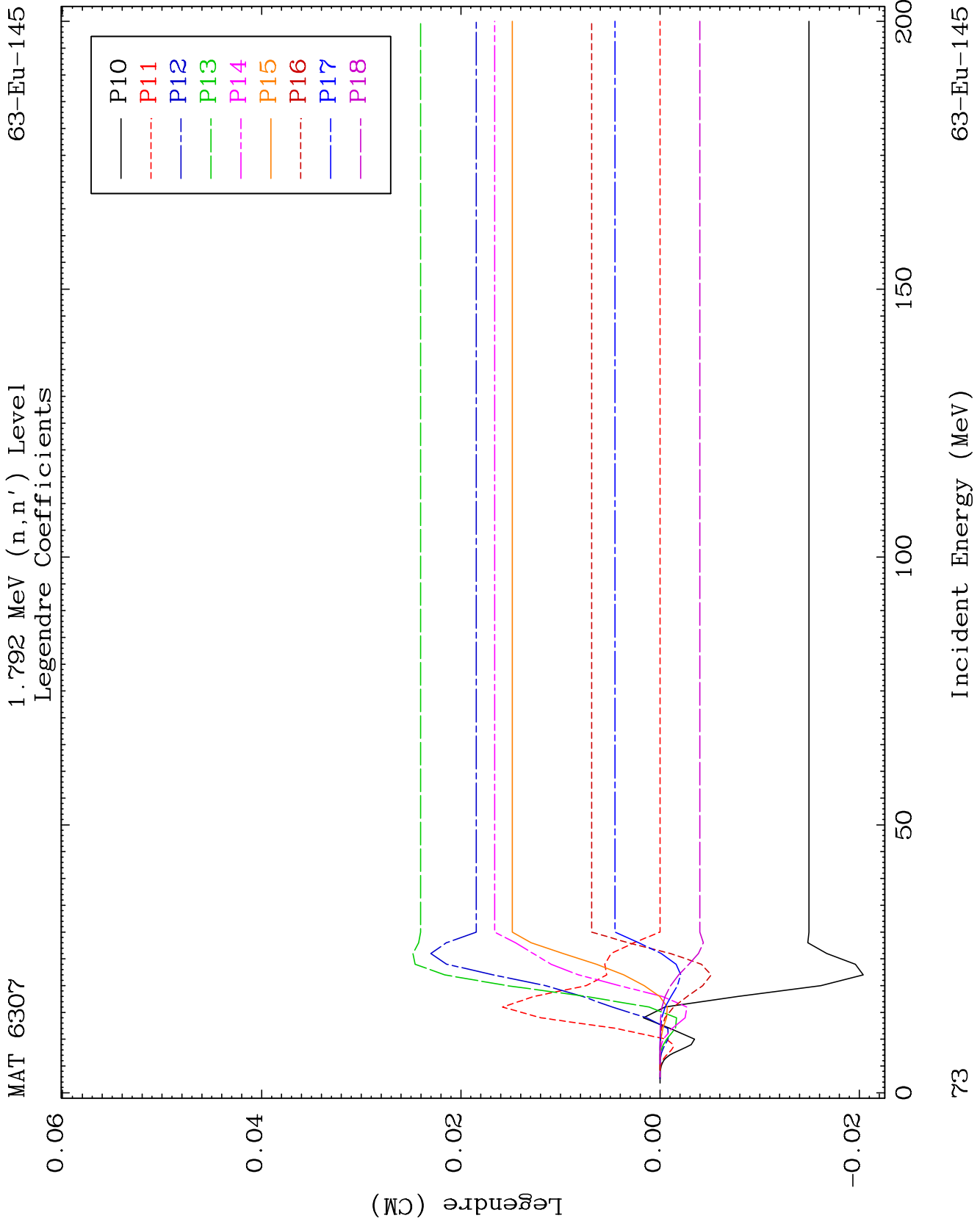
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72

Incident Energy (MeV)

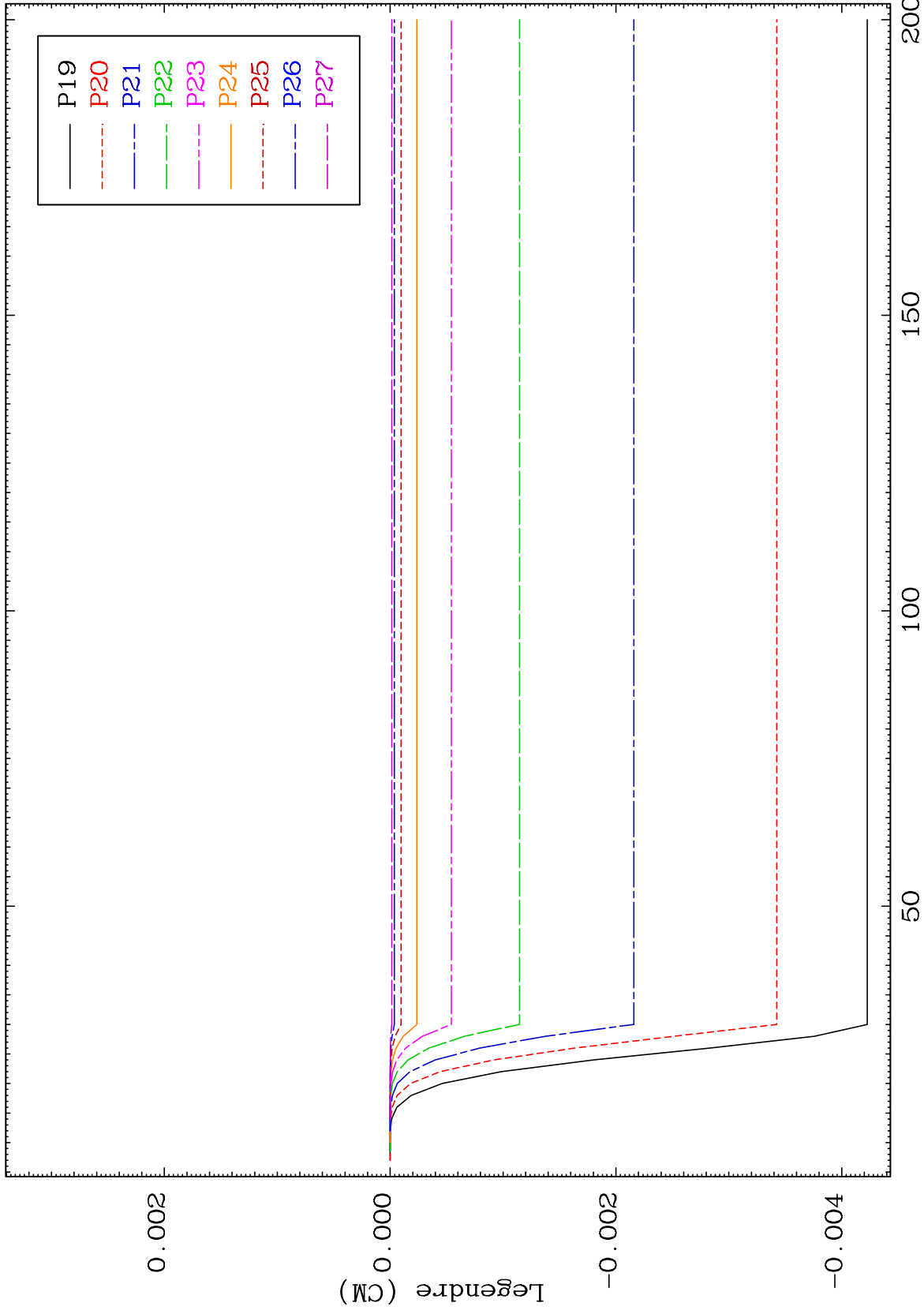
63-Eu-145



MAT 6307

1.792 MeV (n,n') Level
Legendre Coefficients

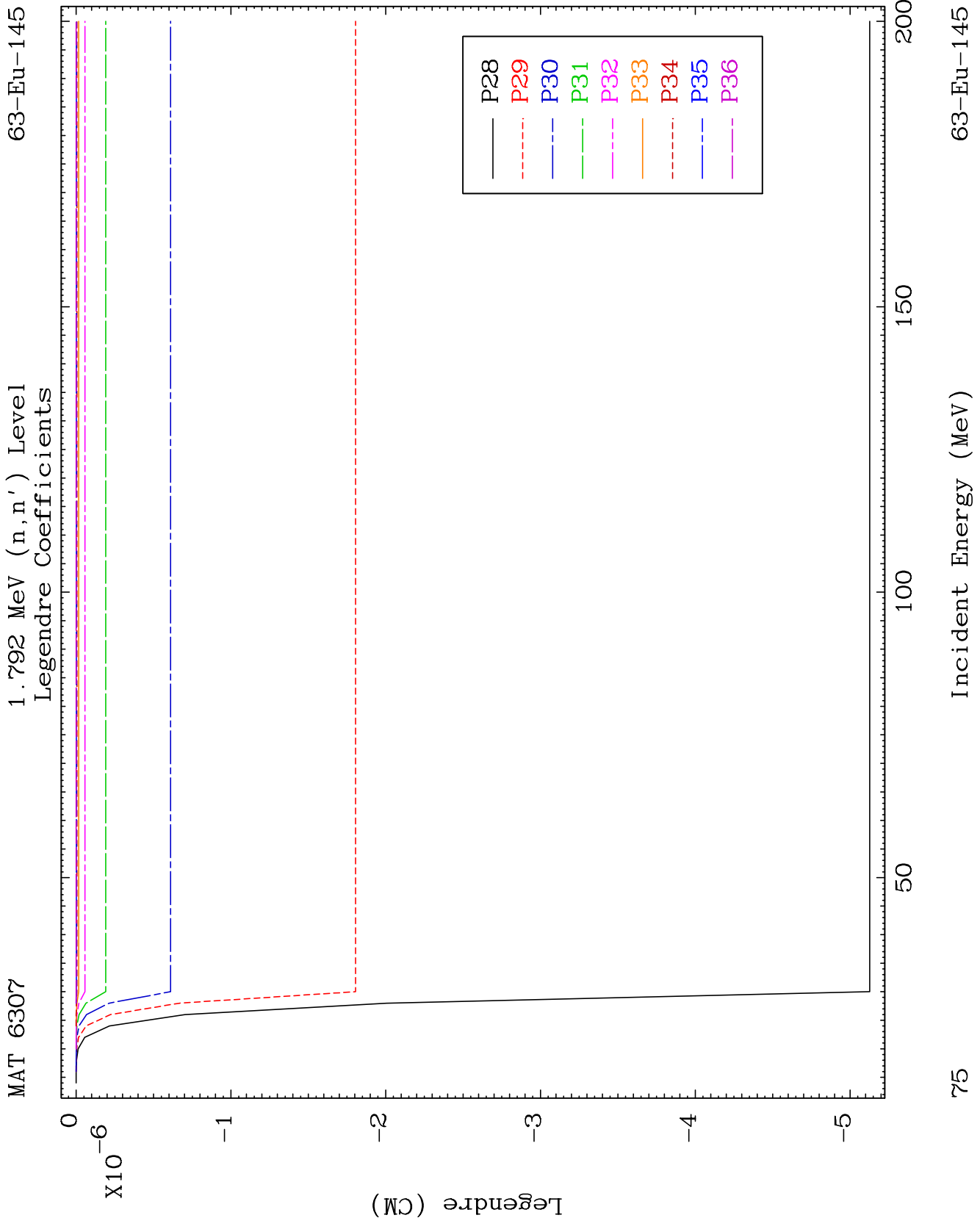
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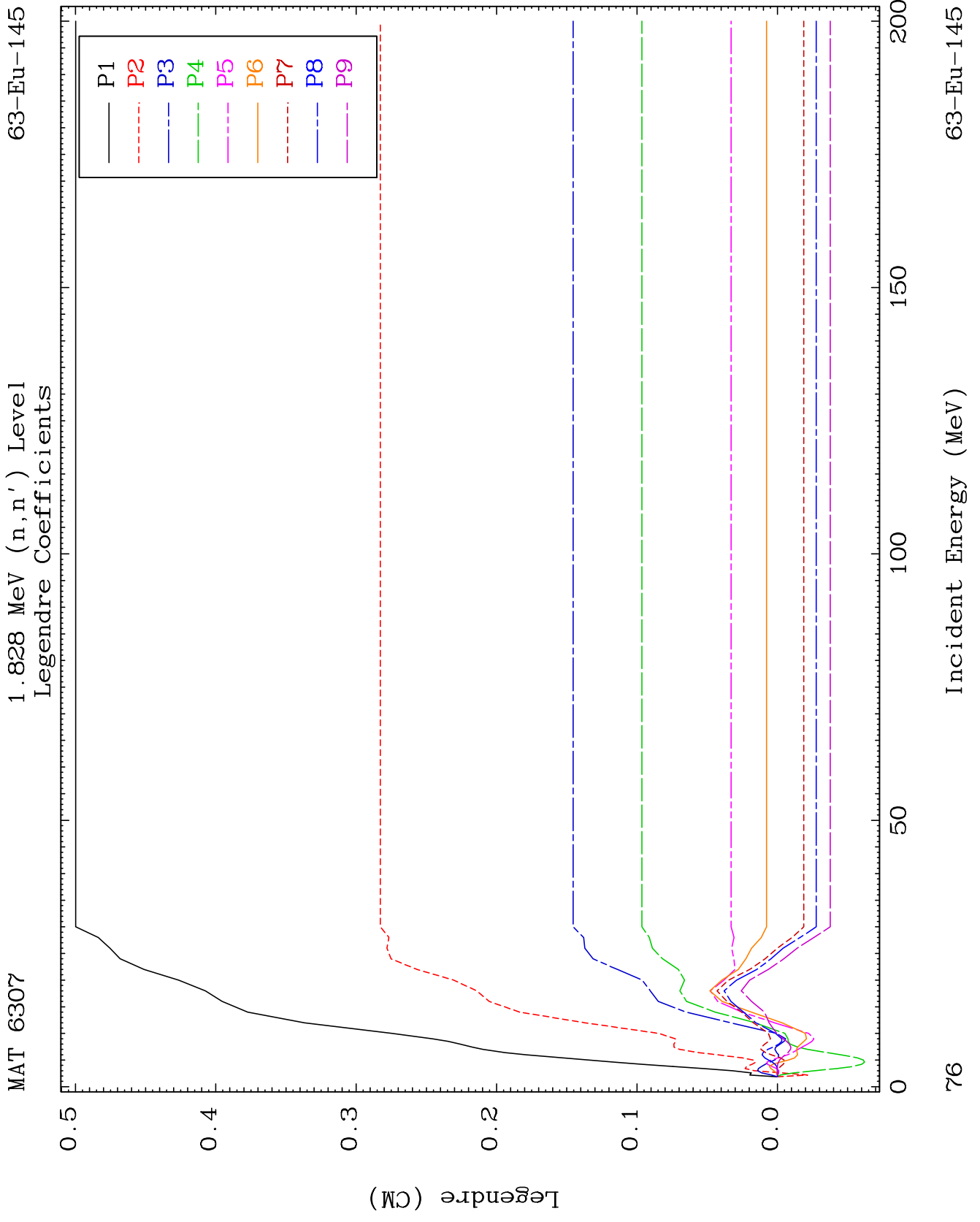


74

Incident Energy (MeV)

63-Eu-145

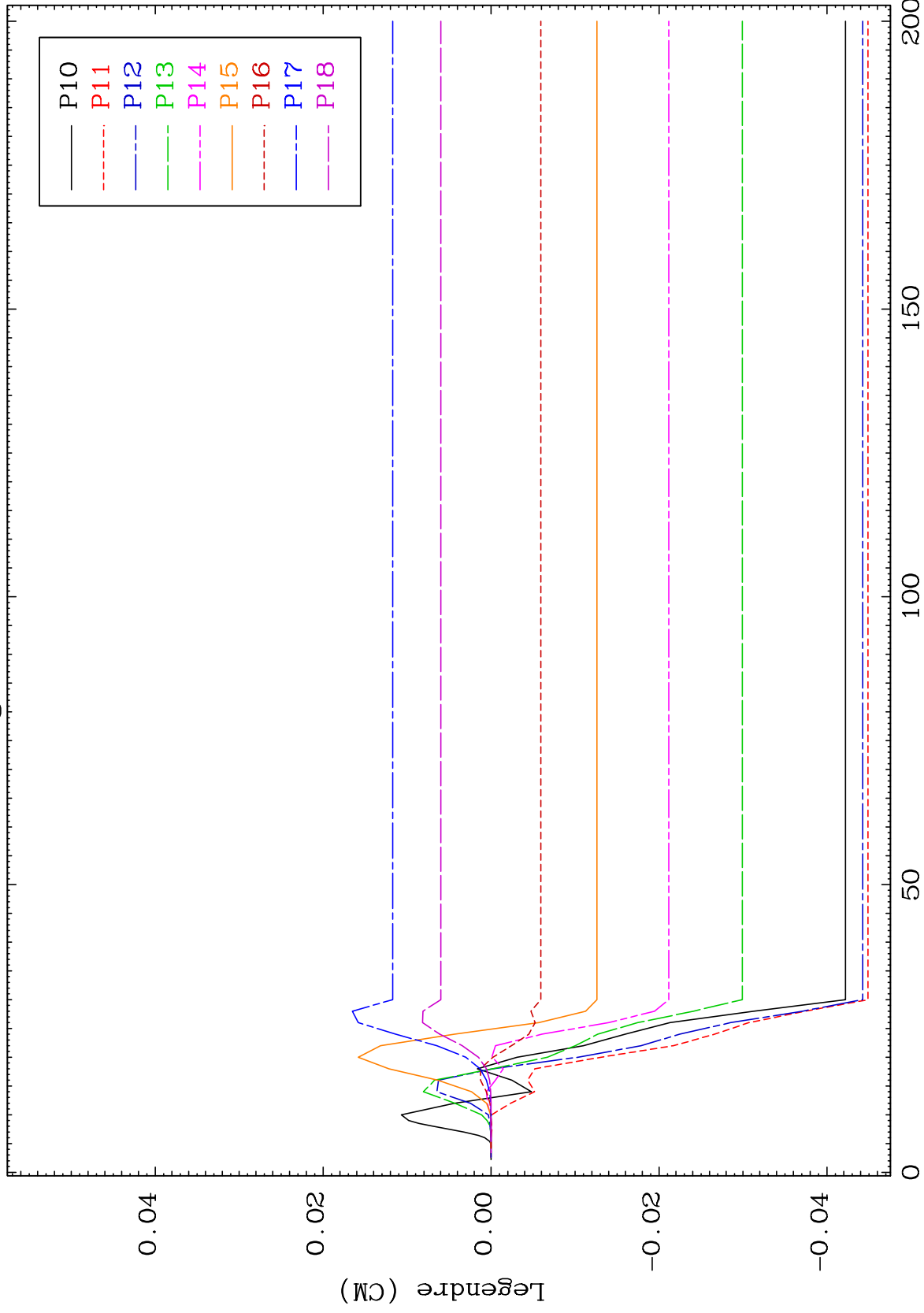




MAT 6307

1.828 MeV (n,n') Level
Legendre Coefficients

63-Eu-145



77

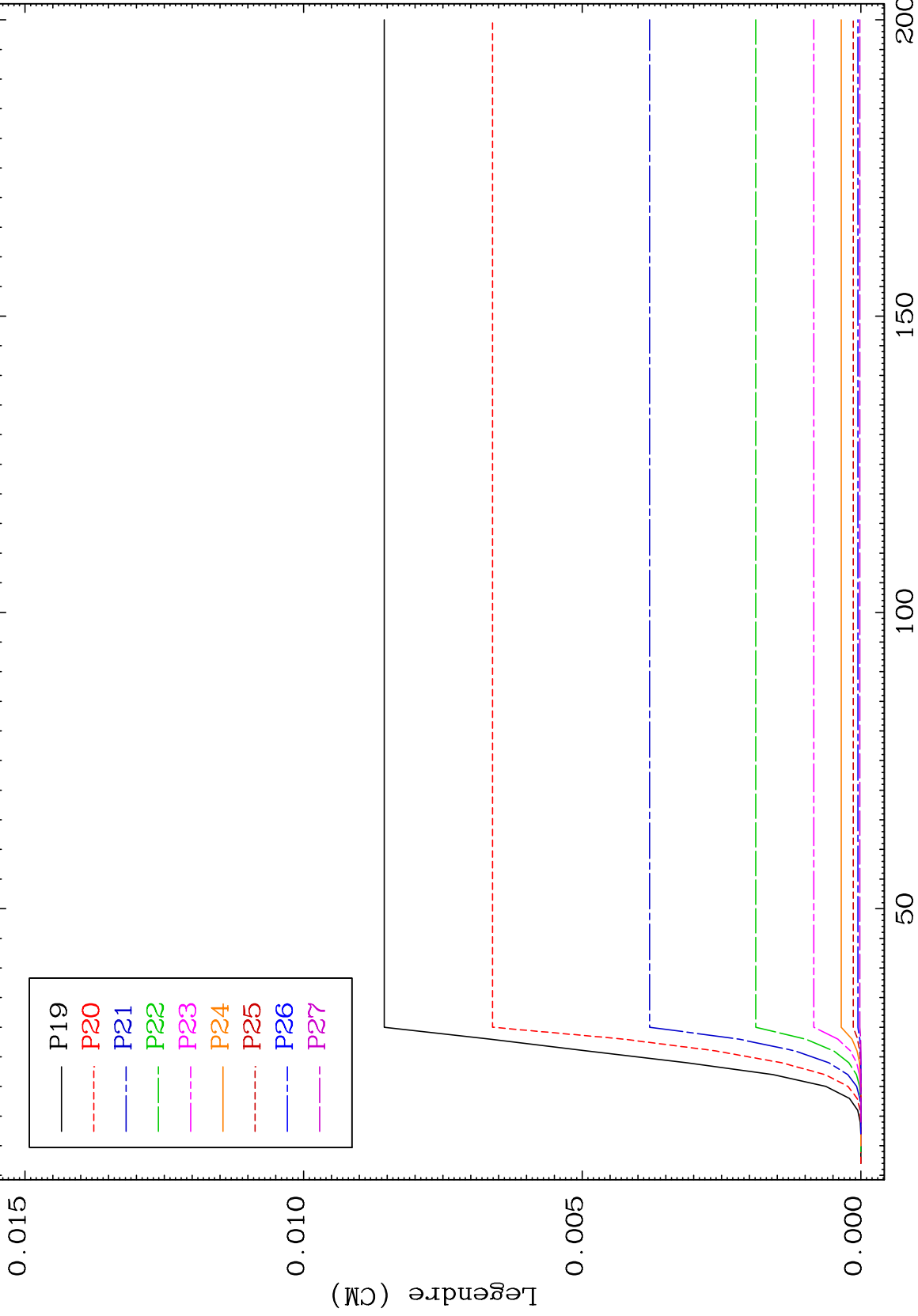
Incident Energy (MeV)

63-Eu-145

MAT 6307

1.828 MeV (n,n') Level
Legendre Coefficients

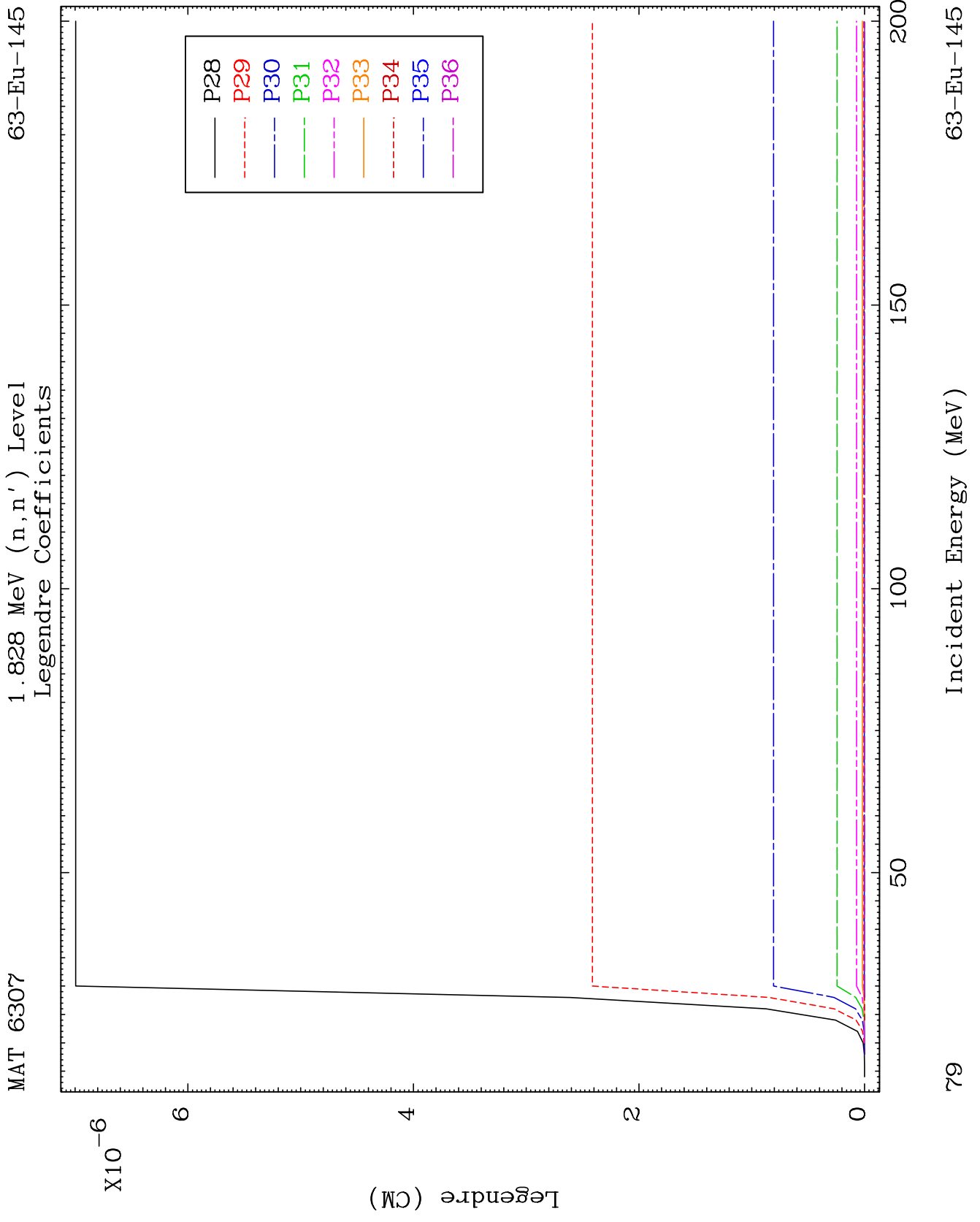
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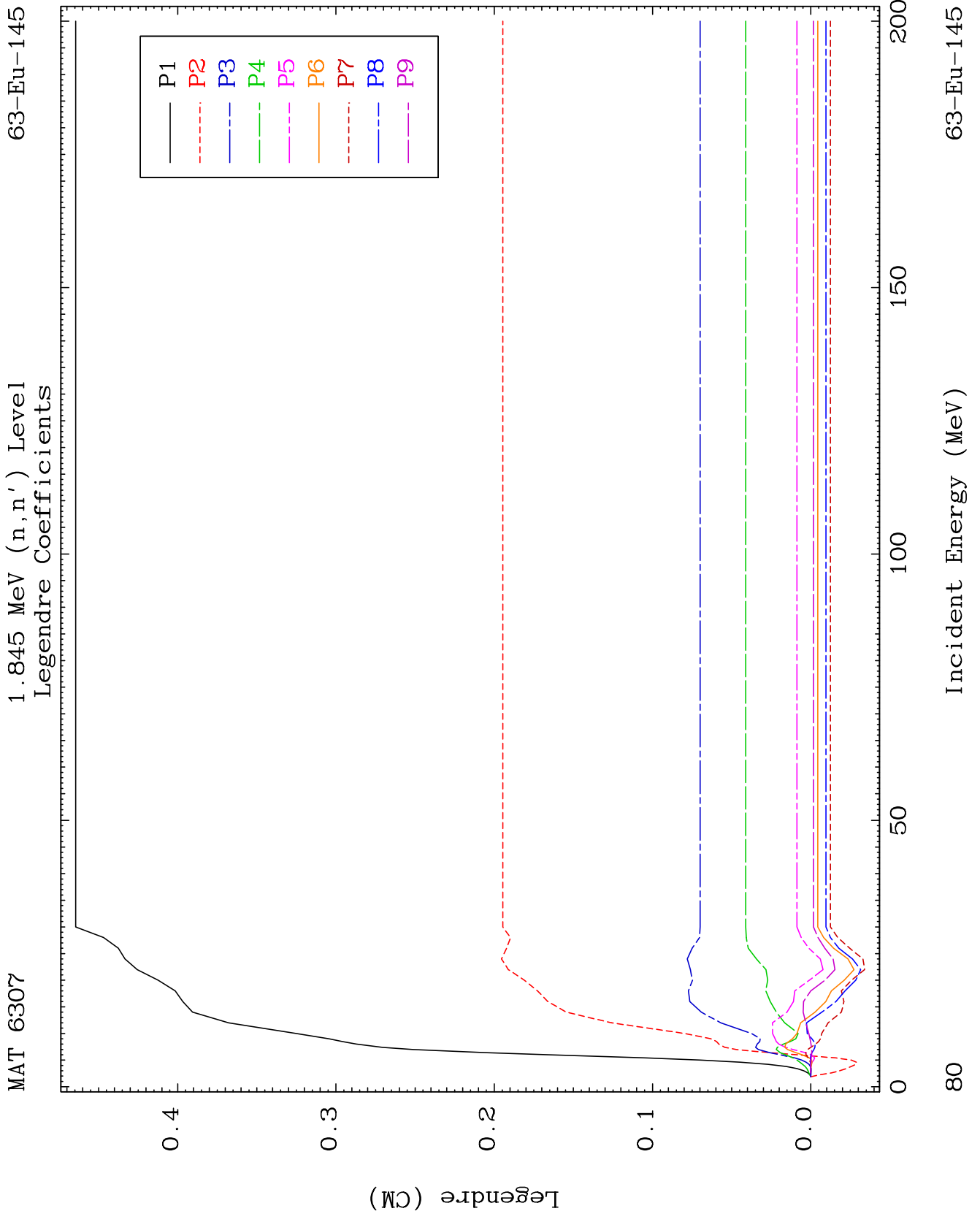


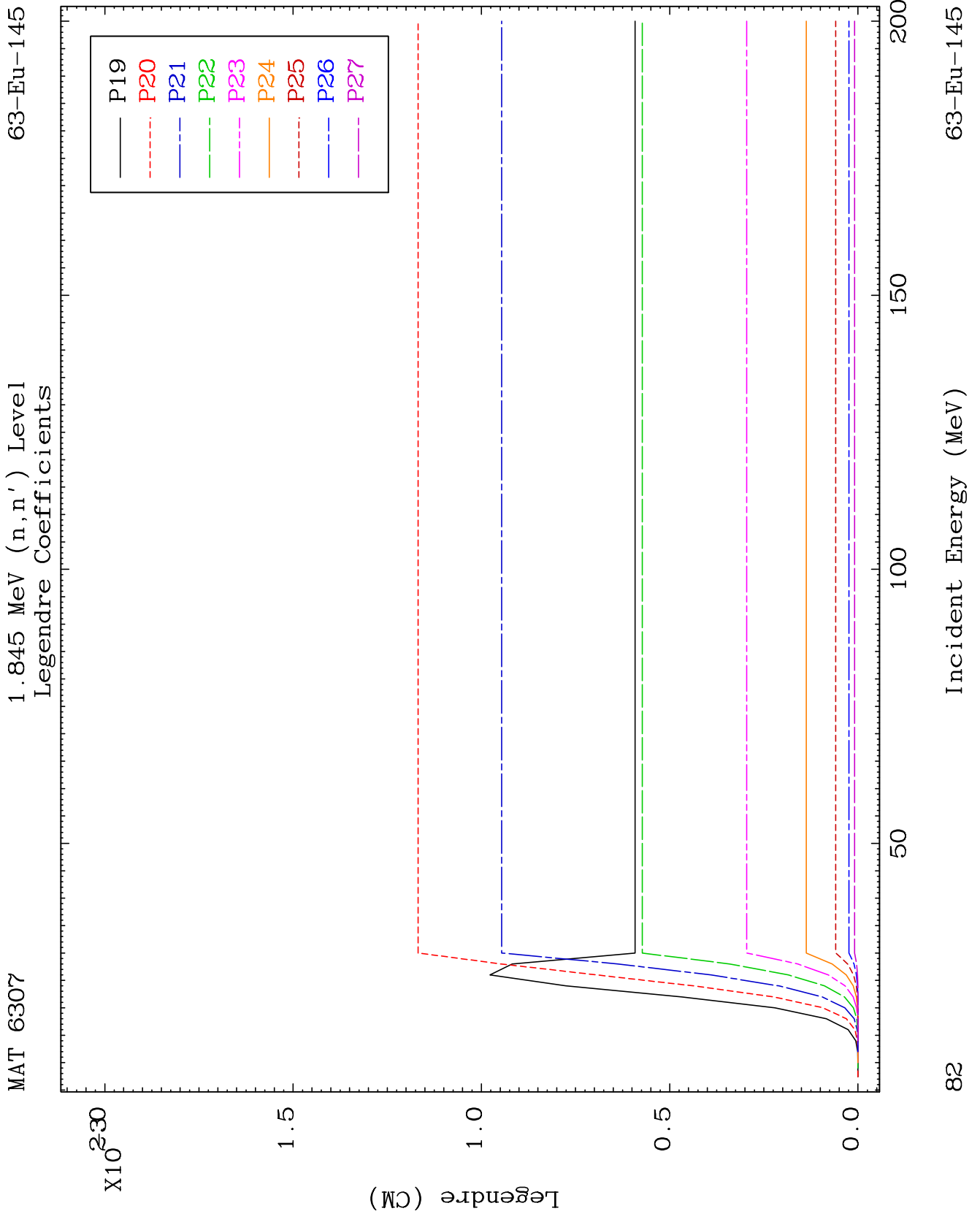
78

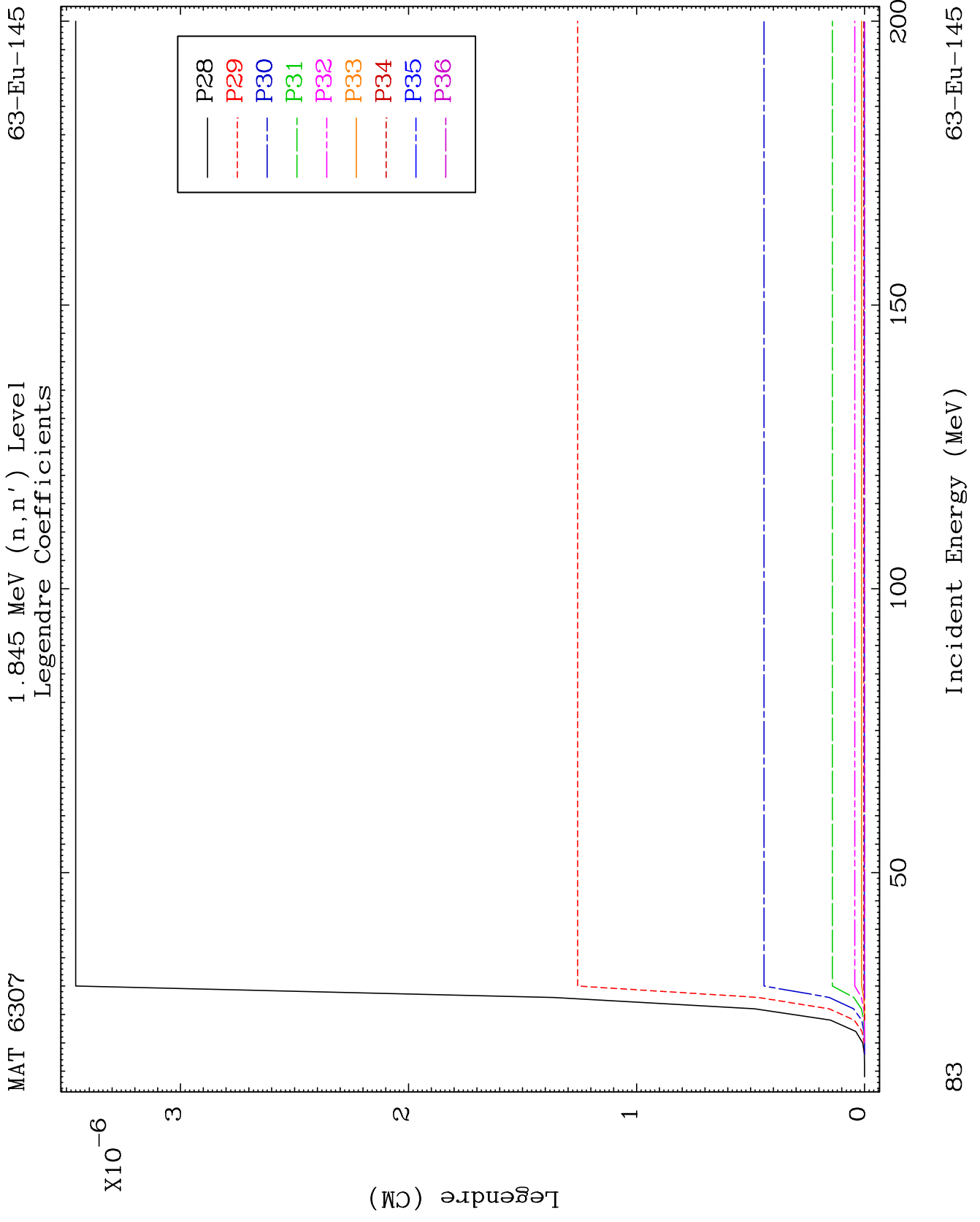
Incident Energy (MeV)

63-Eu-145





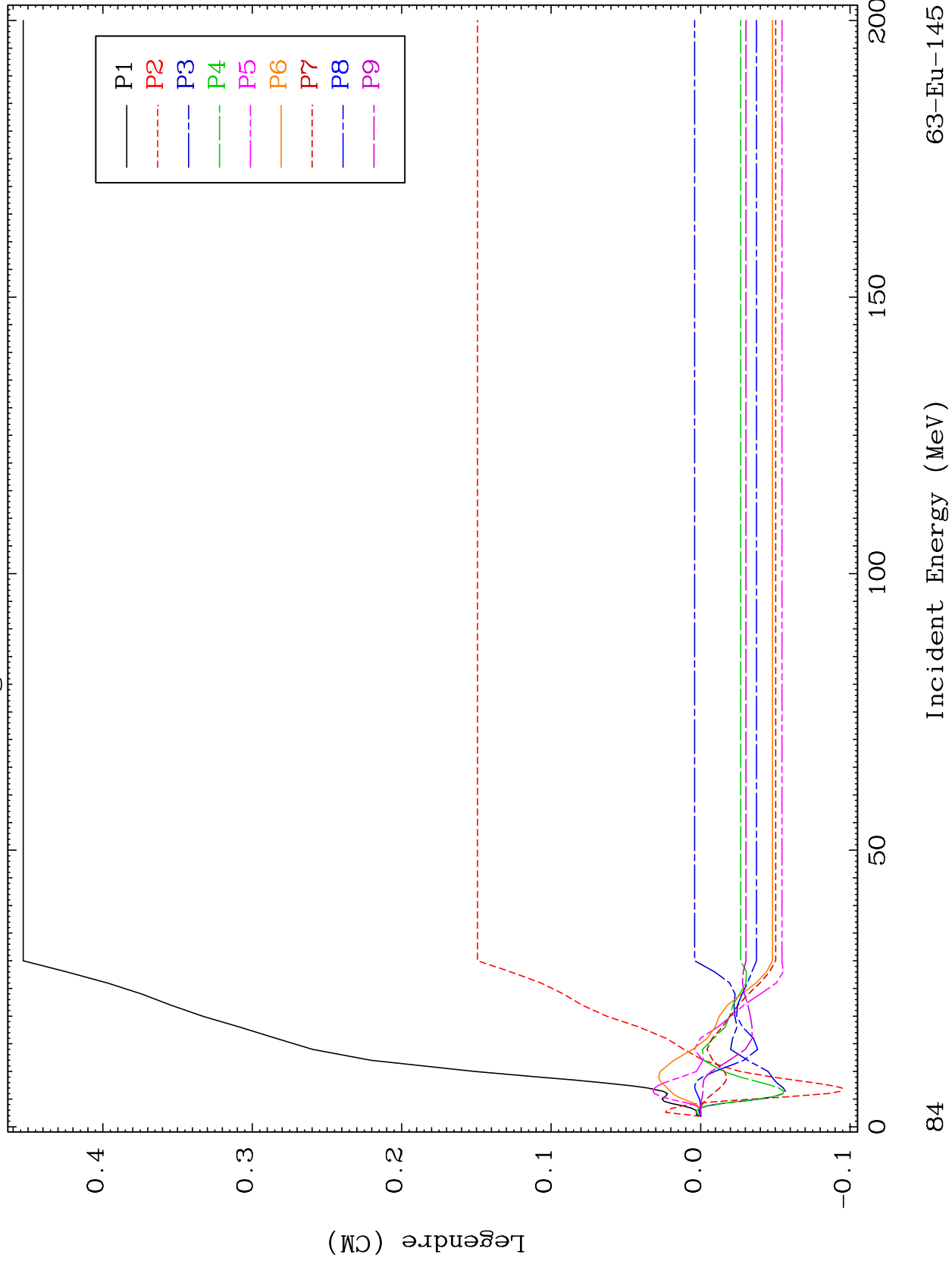




MAT 6307

1.863 MeV (n,n') Level
Legendre Coefficients

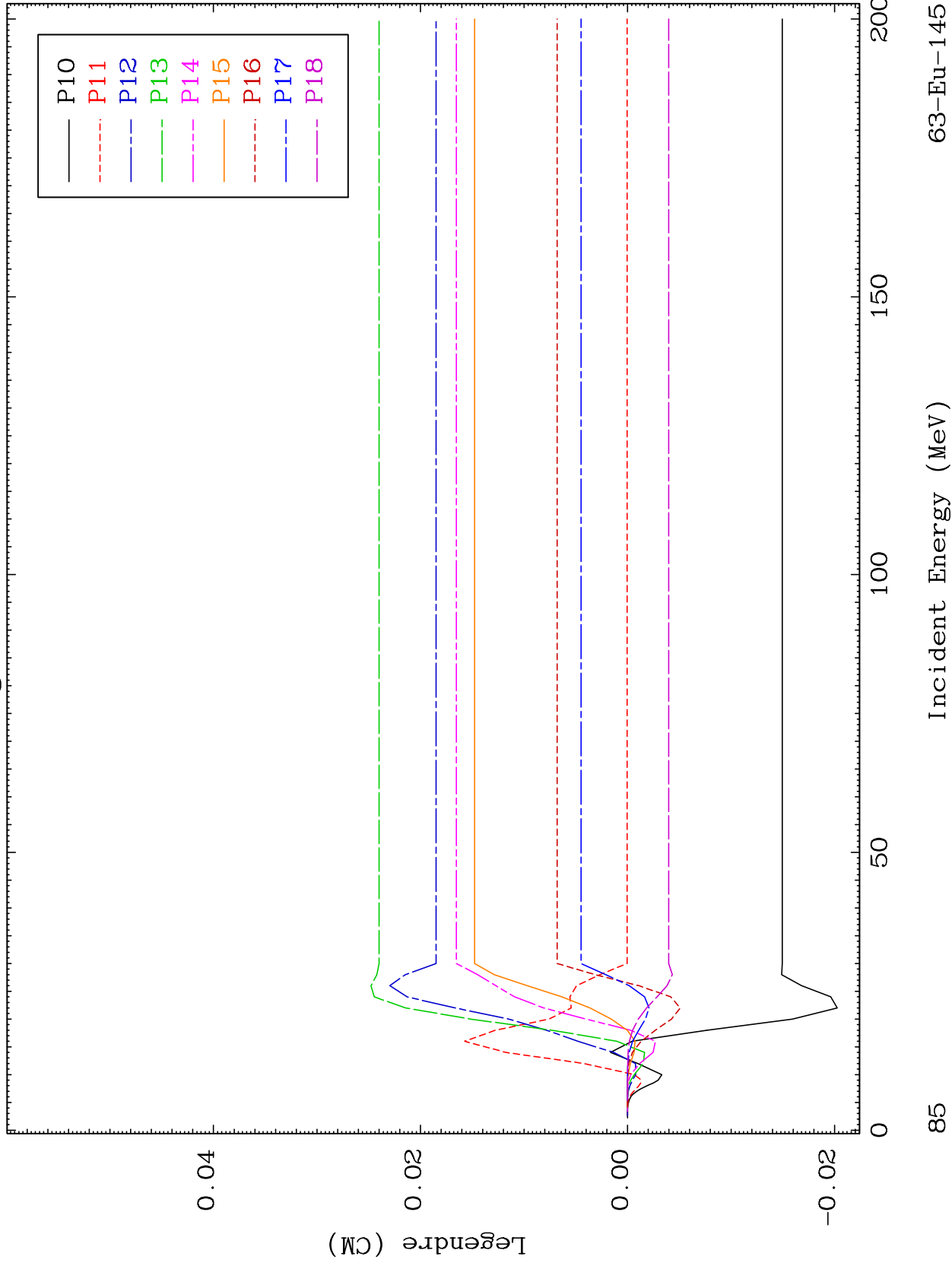
63-Eu-145



MAT 6307

1.863 MeV (n,n') Level
Legendre Coefficients

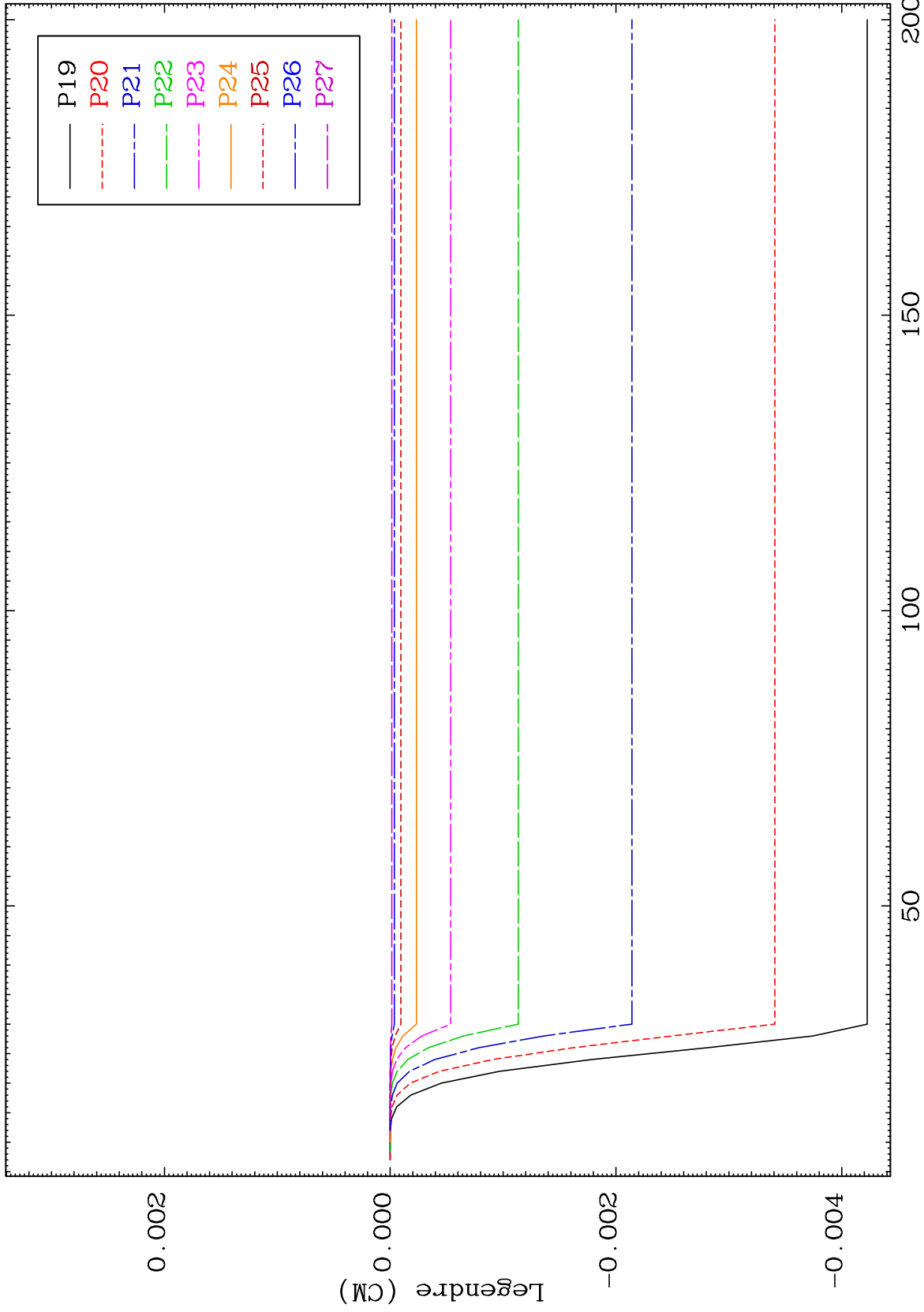
63-Eu-145

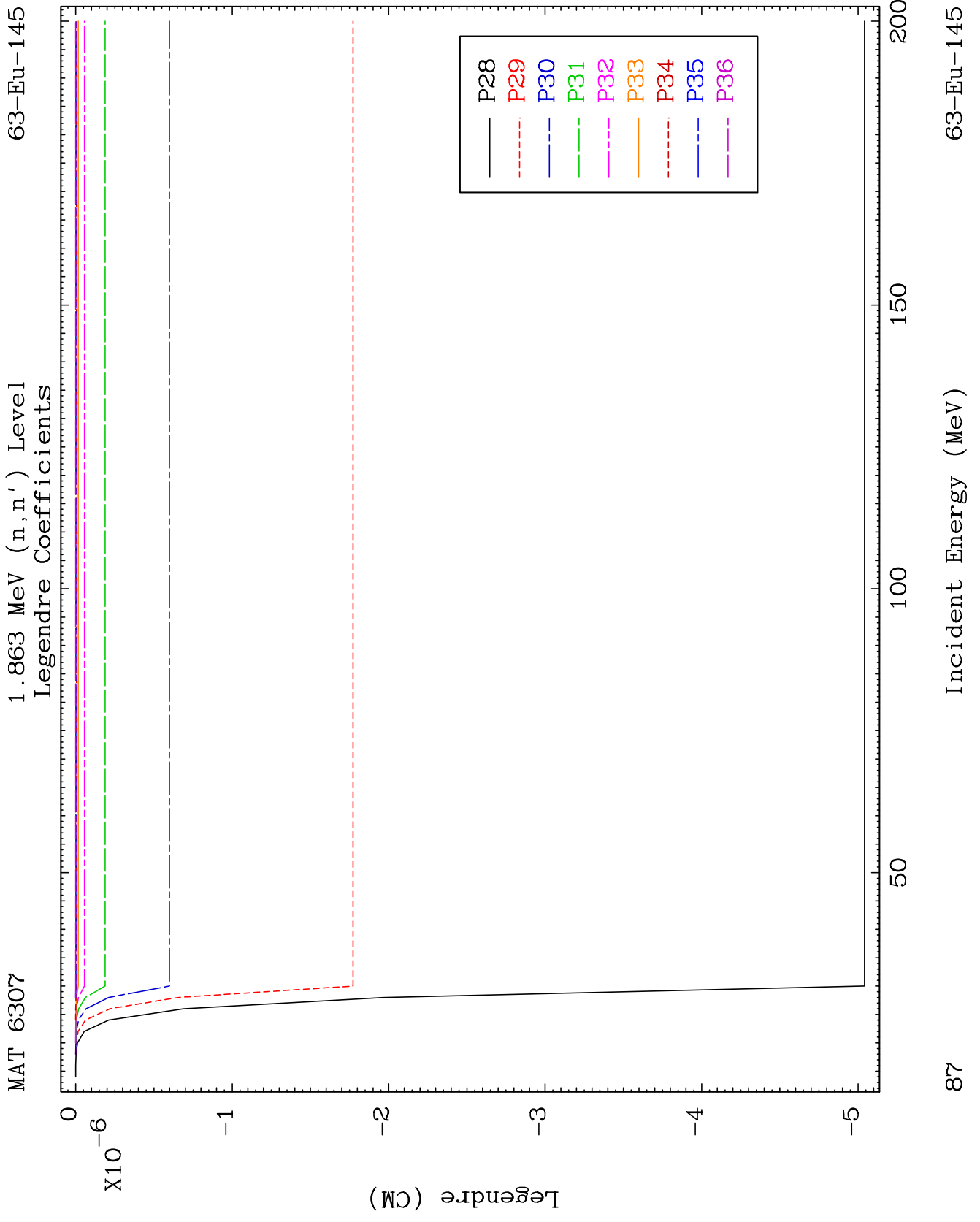


63-Eu-145

Incident Energy (MeV)

85

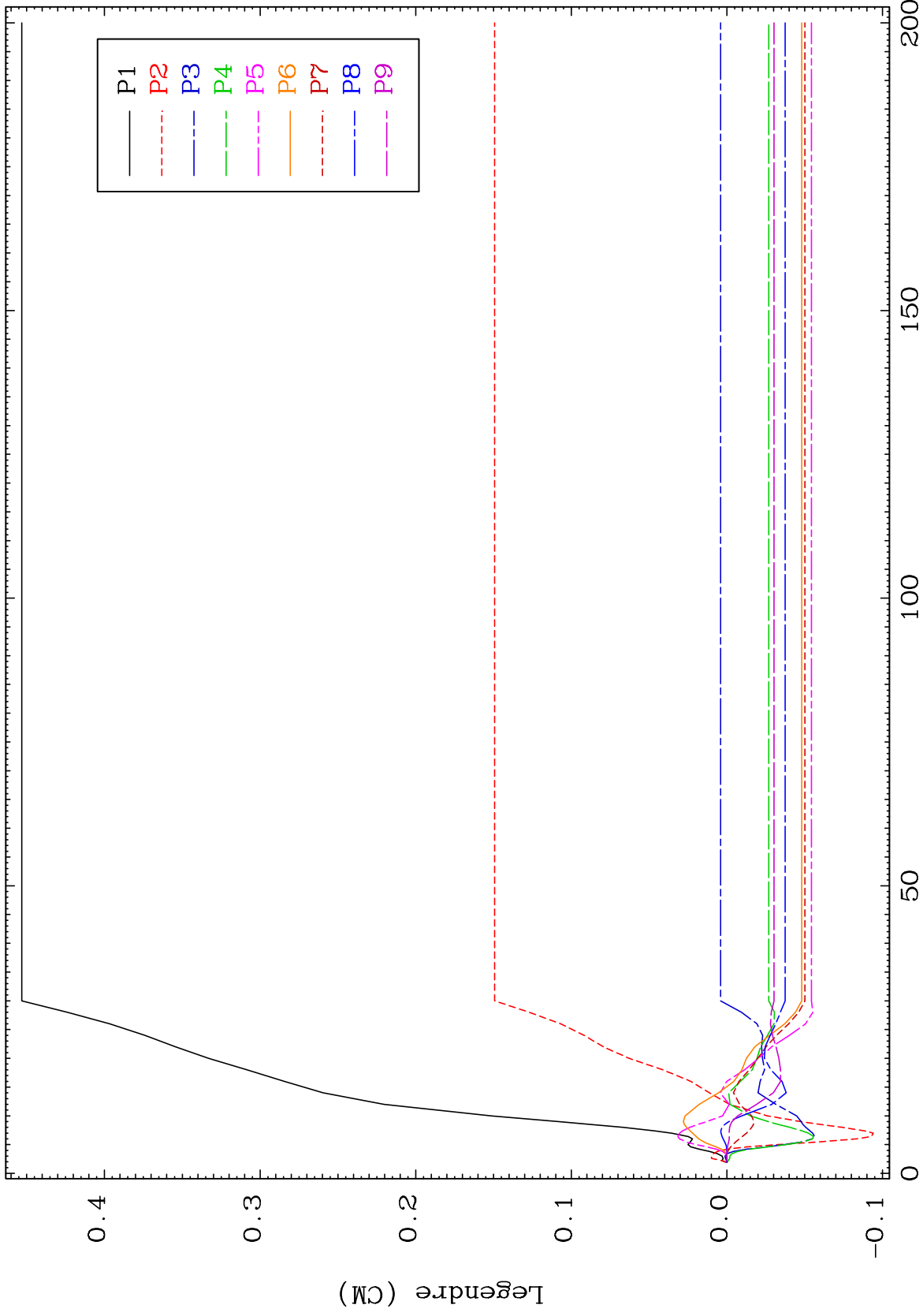




MAT 6307

1.881 MeV (n, n') Level
Legendre Coefficients

63-Eu-145



88

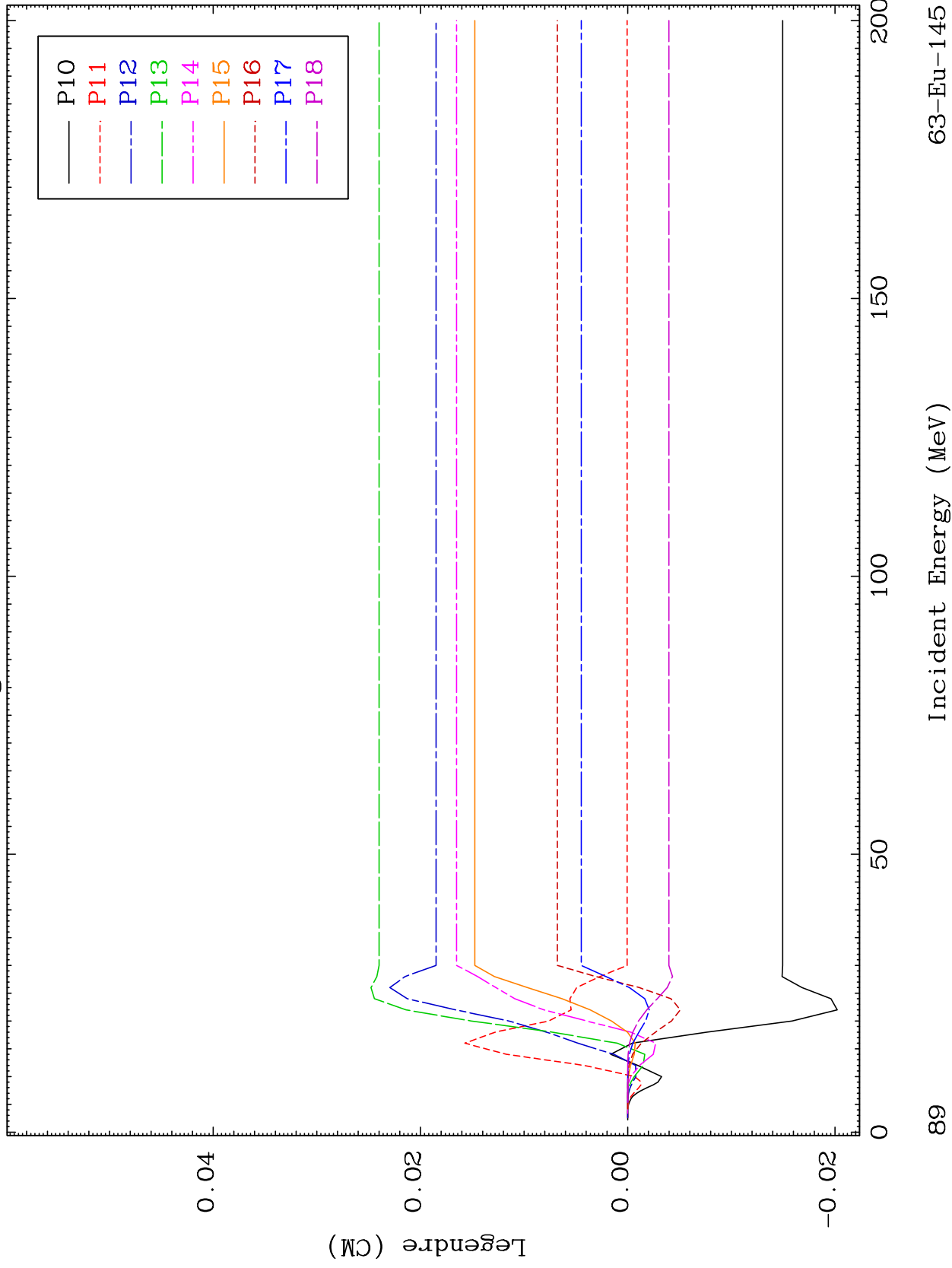
Incident Energy (MeV)

63-Eu-145

MAT 6307

1.881 MeV (n,n') Level
Legendre Coefficients

63-Eu-145



63-Eu-145

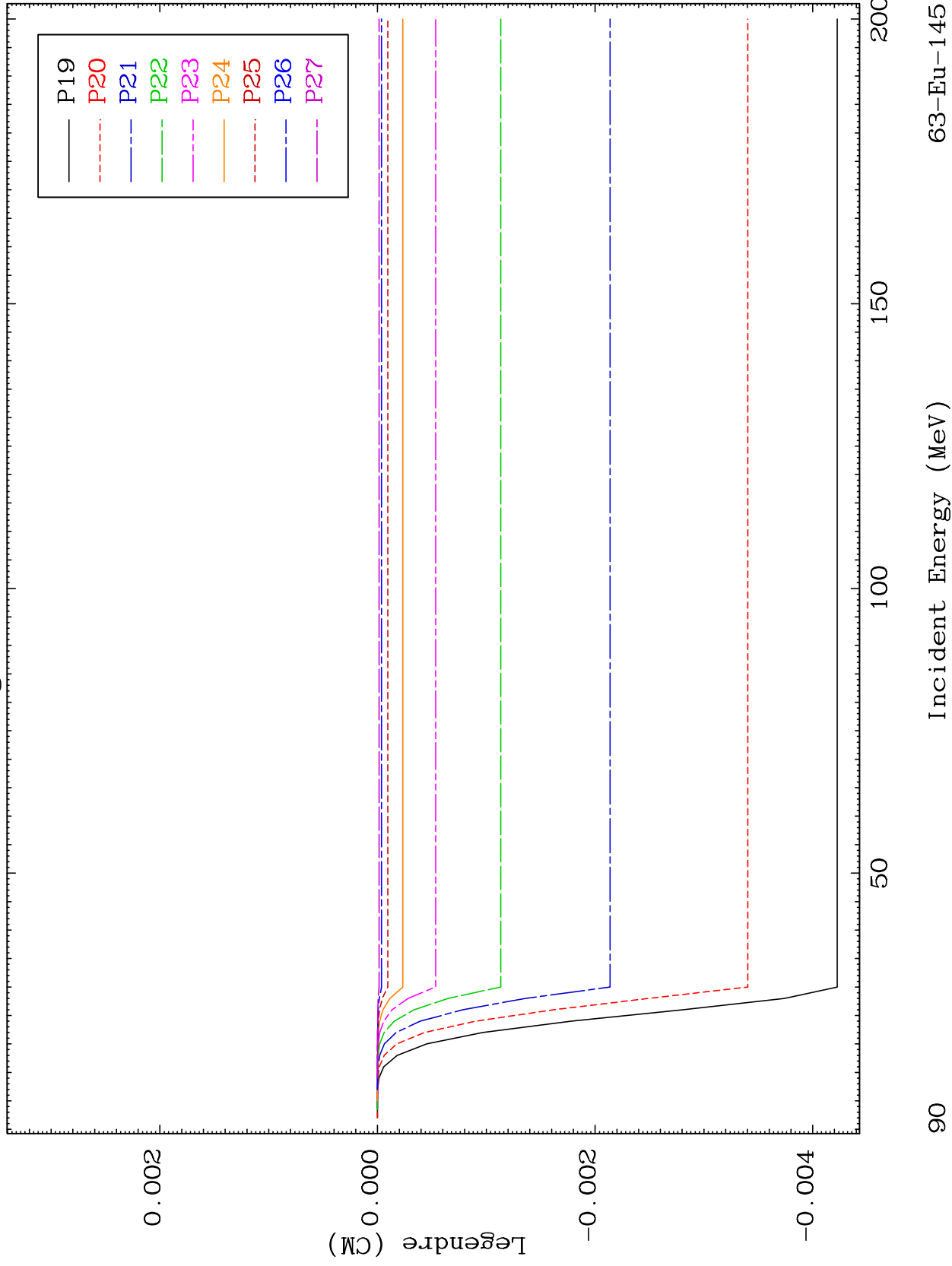
Incident Energy (MeV)

89

MAT 6307

1.881 MeV (n,n') Level
Legendre Coefficients

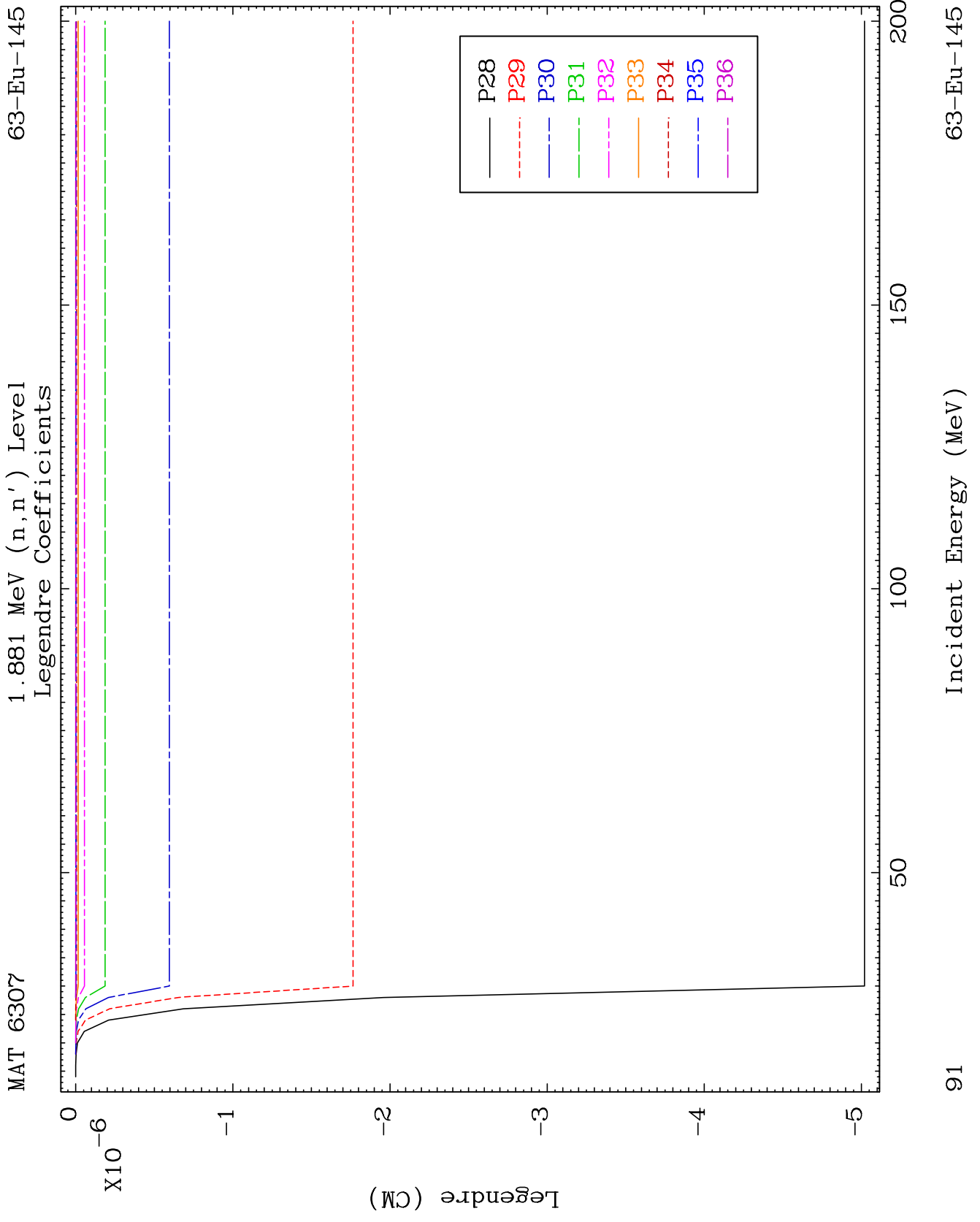
63-Eu-145

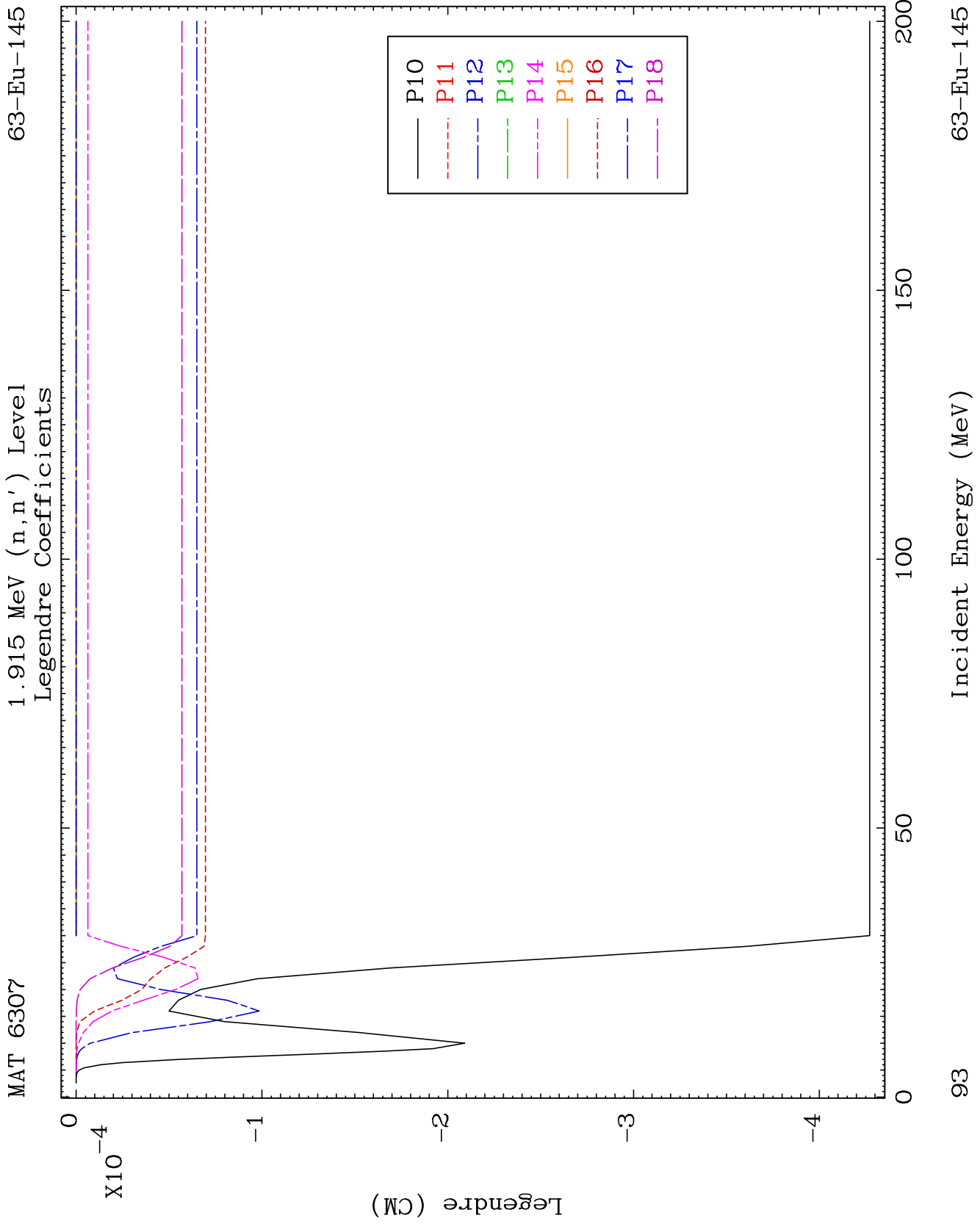


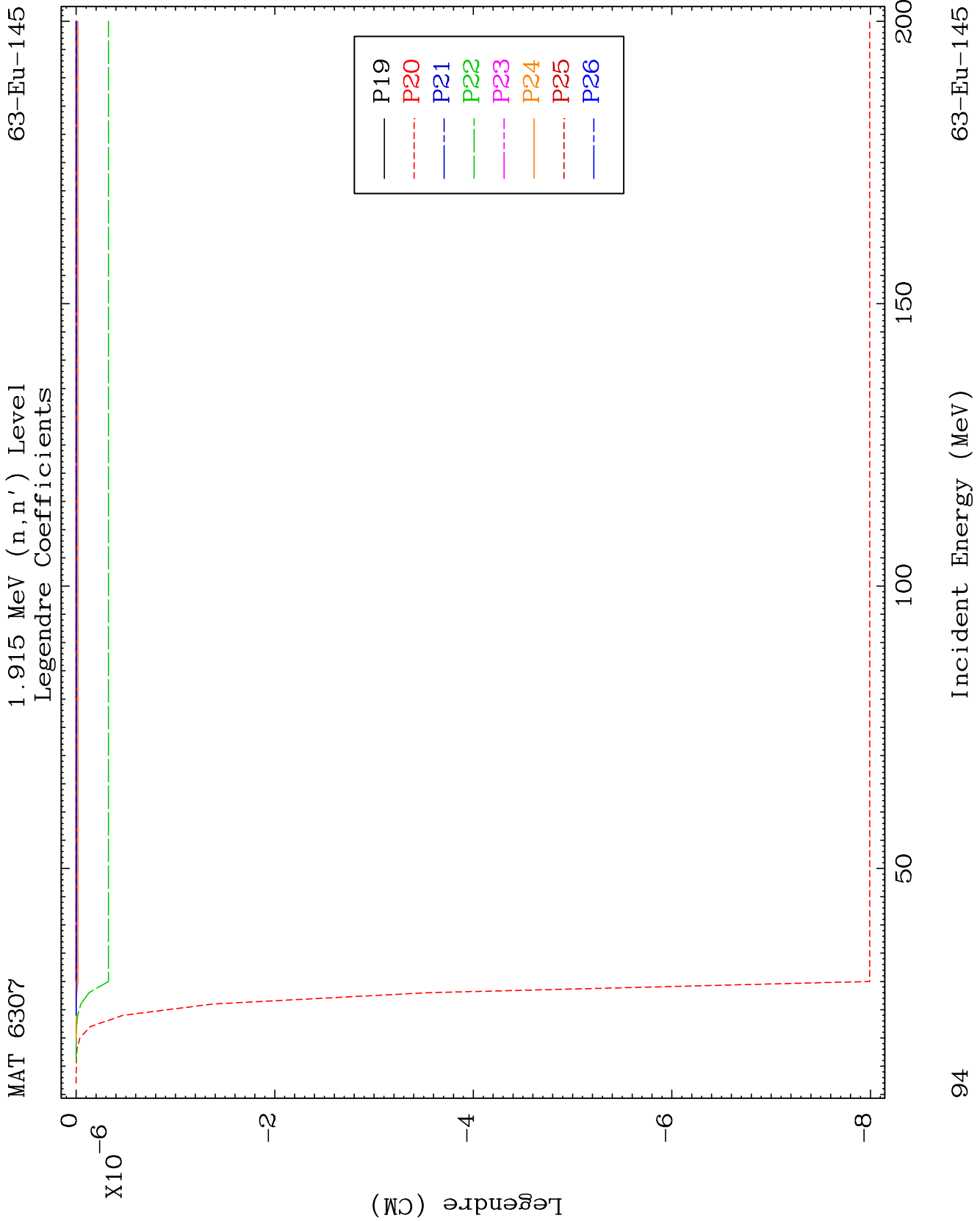
63-Eu-145

Incident Energy (MeV)

90



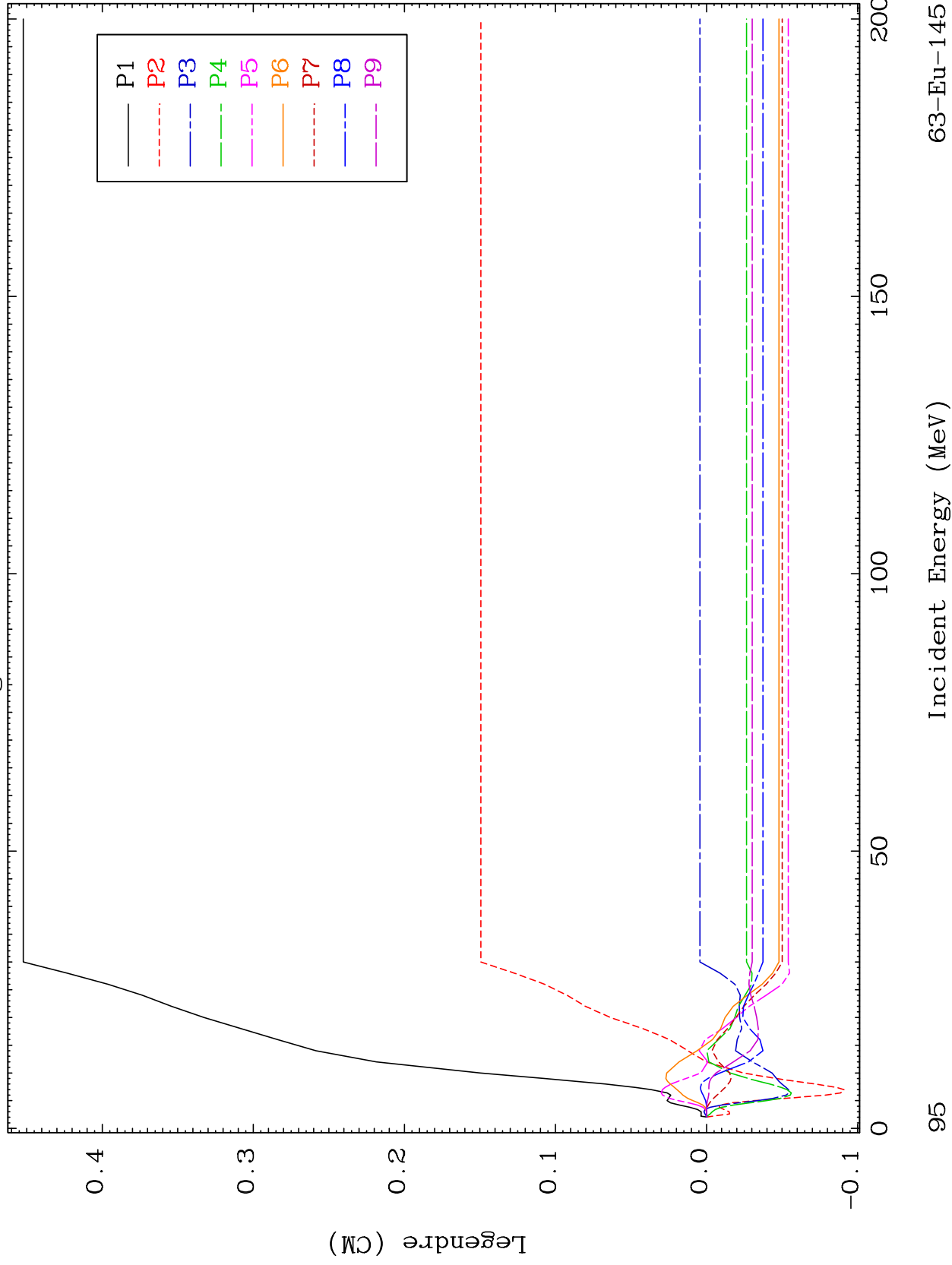




MAT 6307

2.028 MeV (n, n') Level
Legendre Coefficients

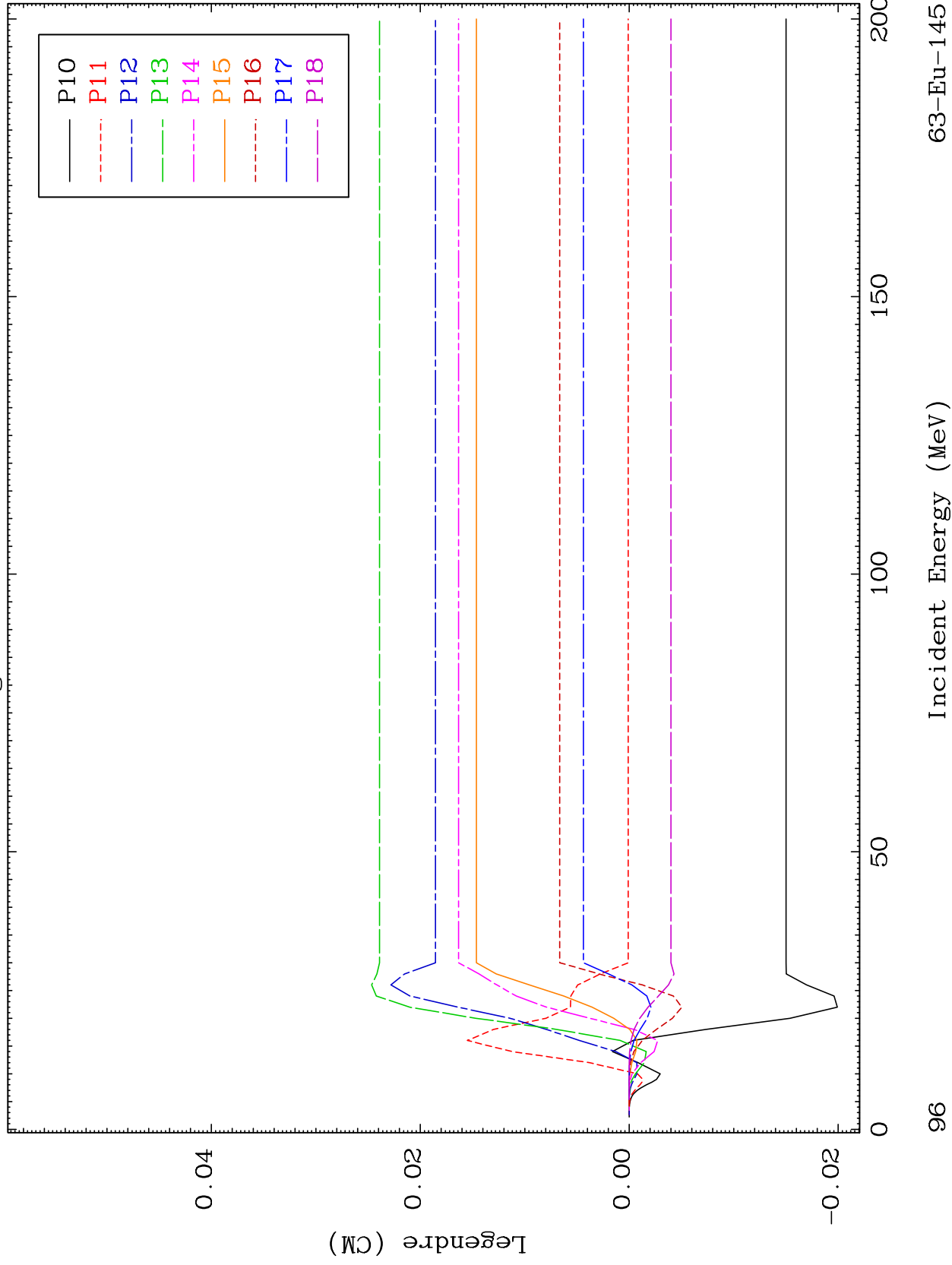
63-Eu-145



MAT 6307

2.028 MeV (n,n') Level
Legendre Coefficients

63-Eu-145



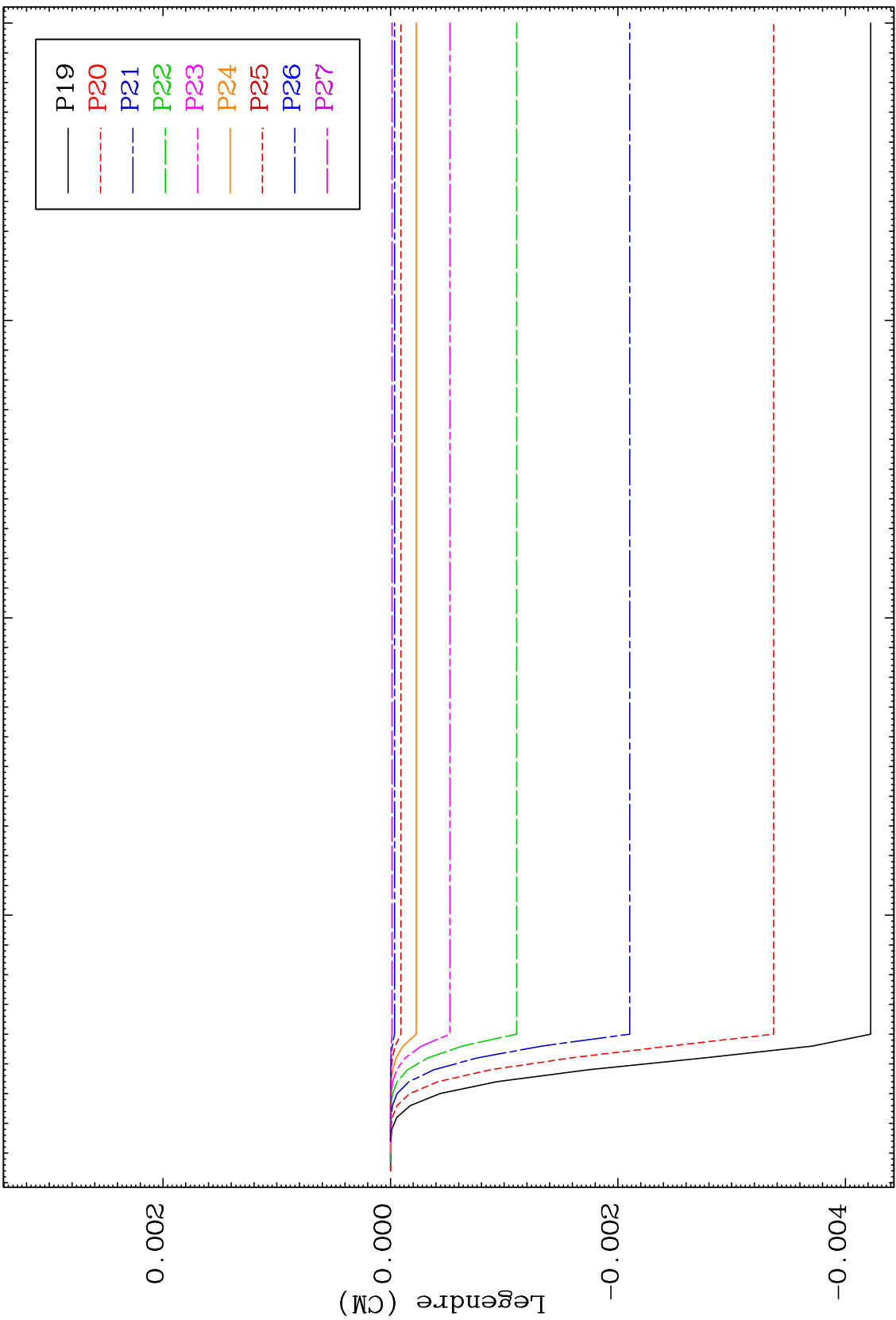
96

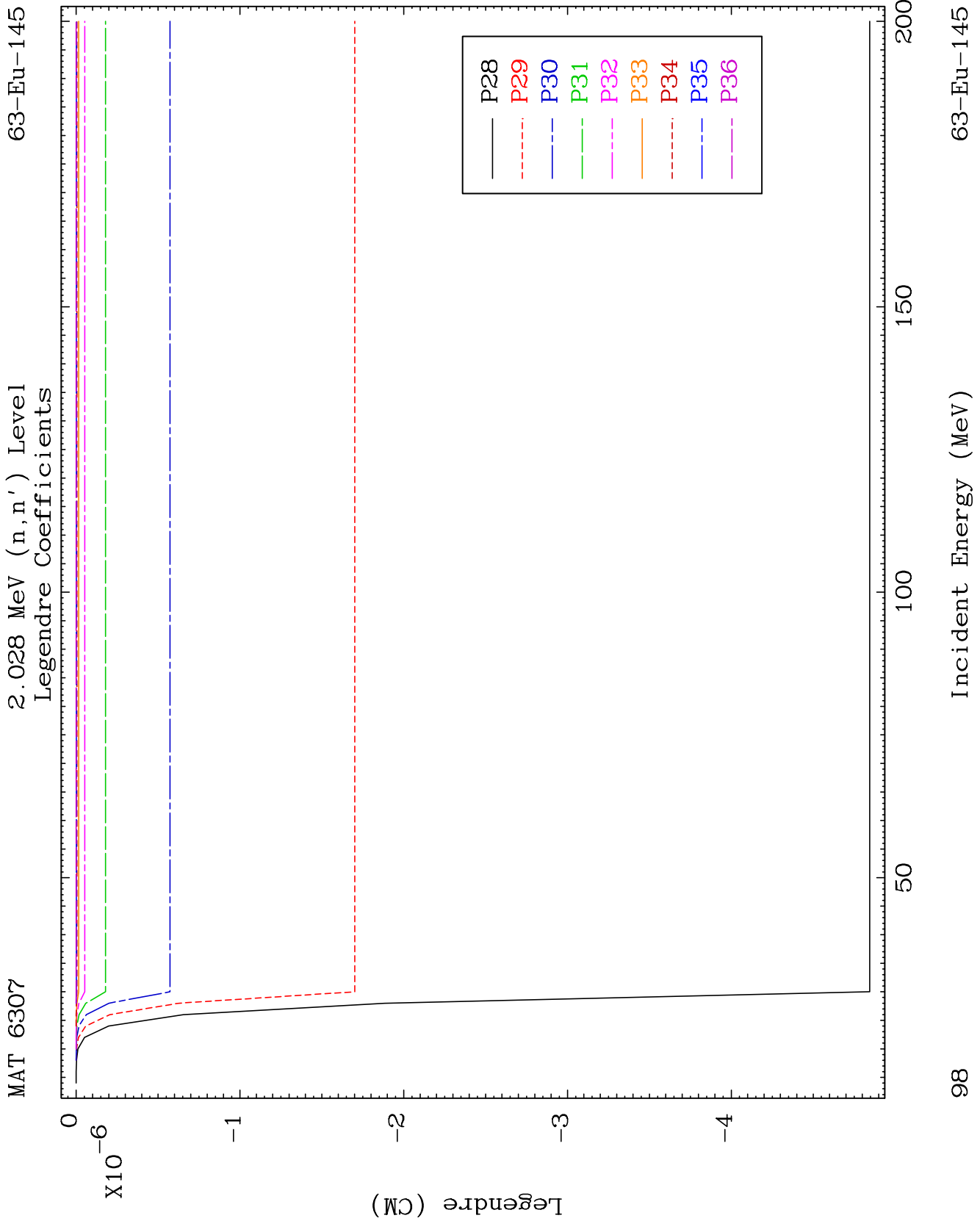
Incident Energy (MeV)

63-Eu-145

MAT 6307 2.028 MeV (n,n') Level 63-Eu-145

Legendre Coefficients

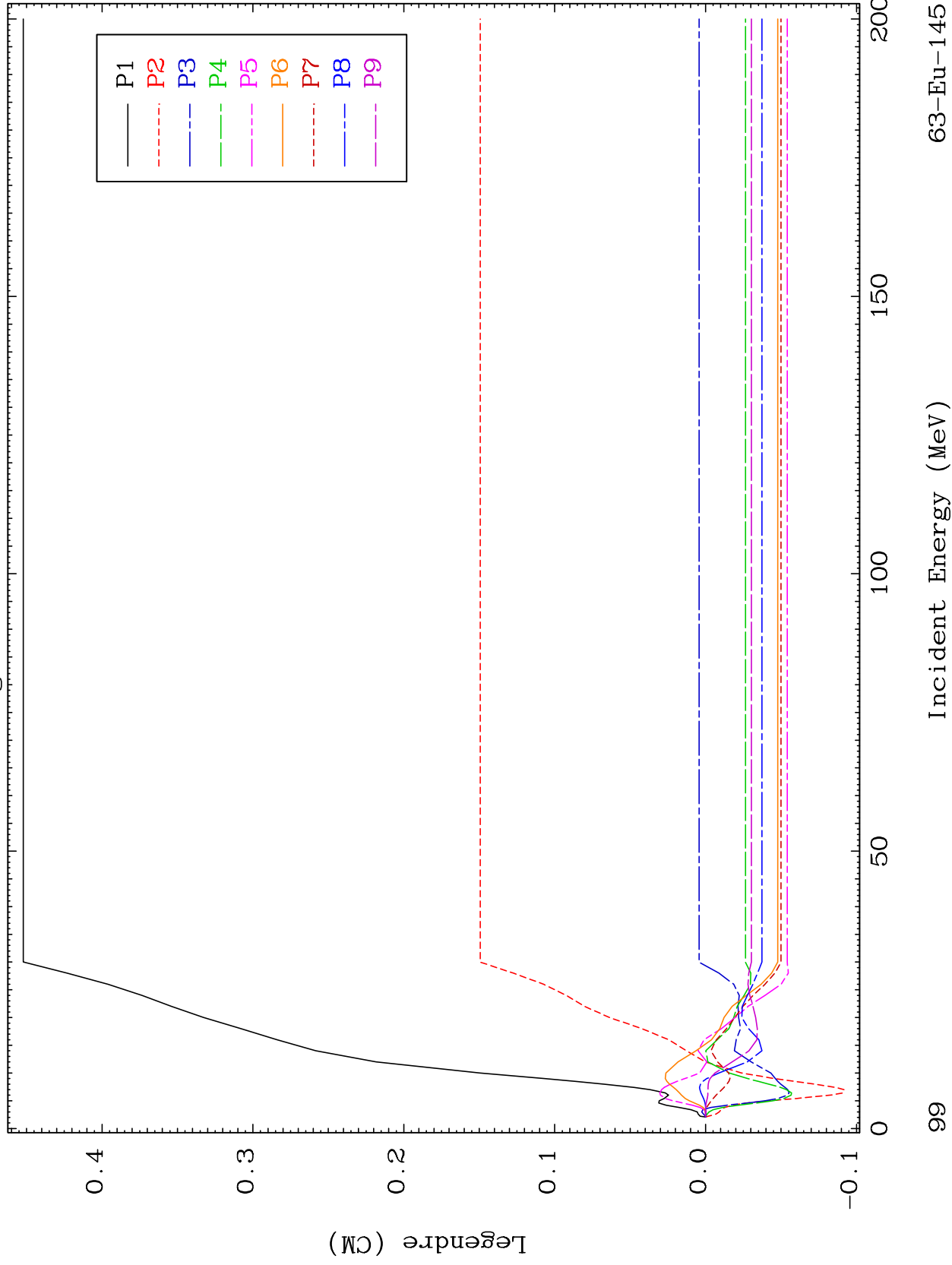




MAT 6307

2.043 MeV (n, n') Level
Legendre Coefficients

63-Eu-145



63-Eu-145

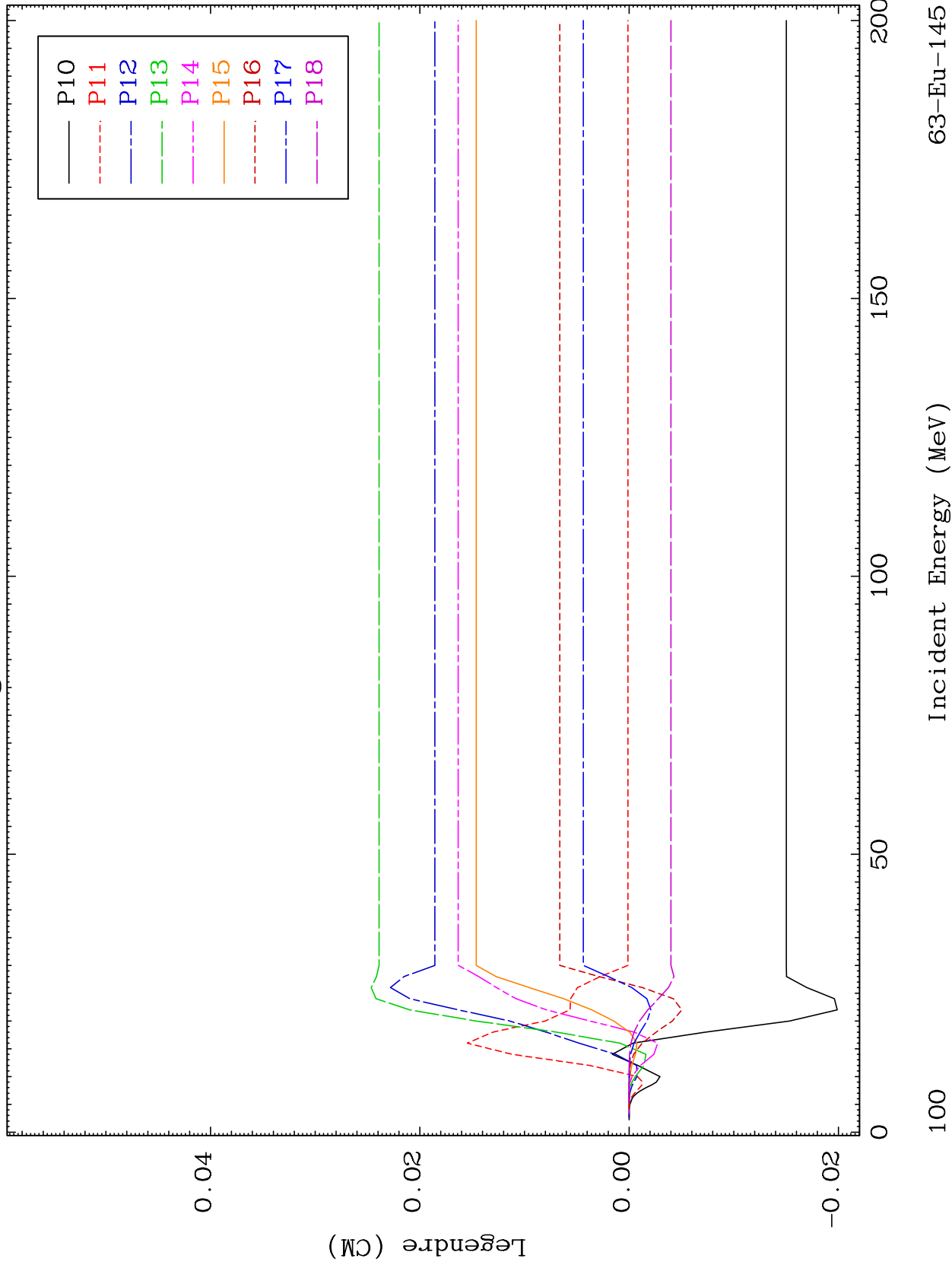
Incident Energy (MeV)

99

MAT 6307

2.043 MeV (n, n') Level
Legendre Coefficients

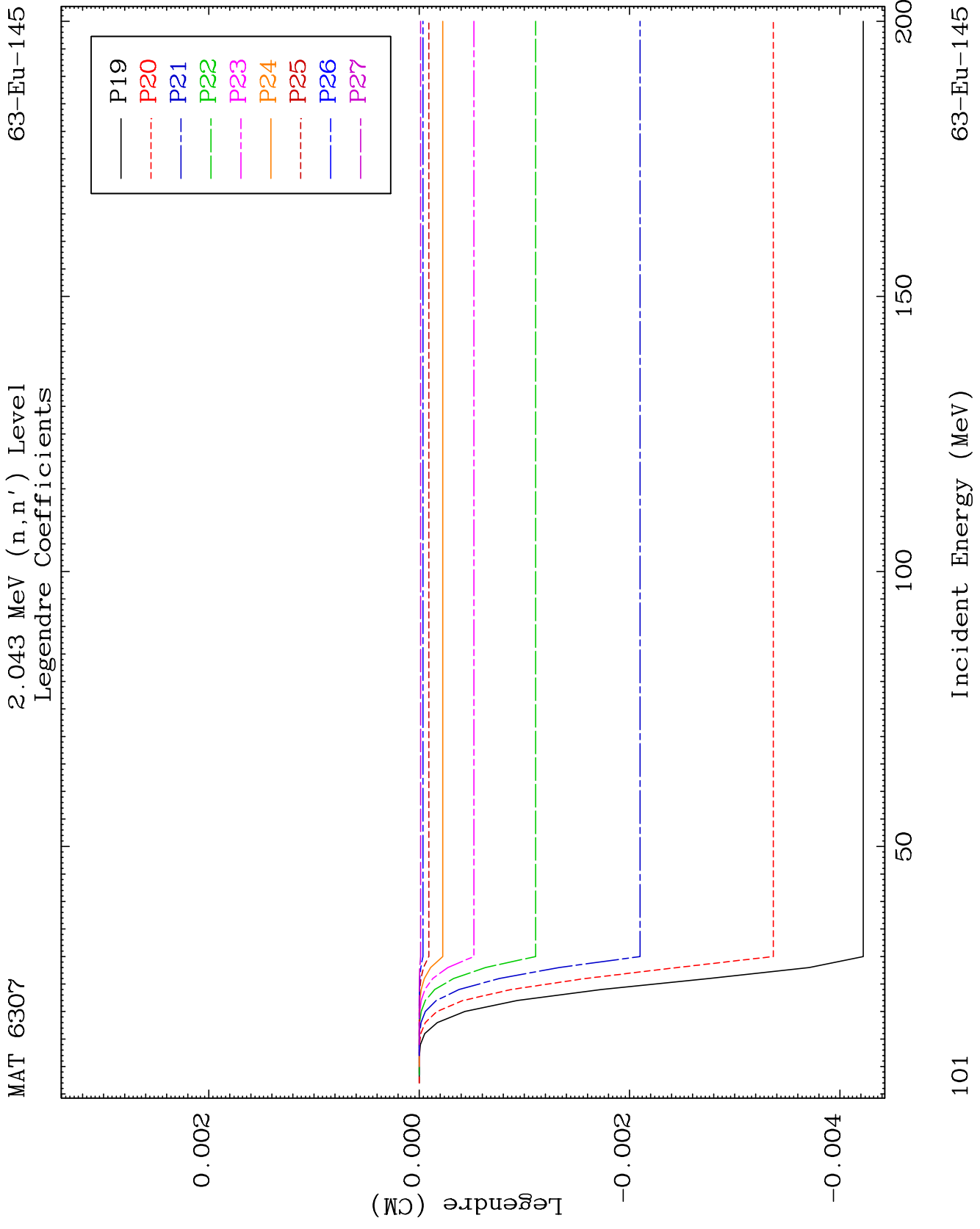
63-Eu-145

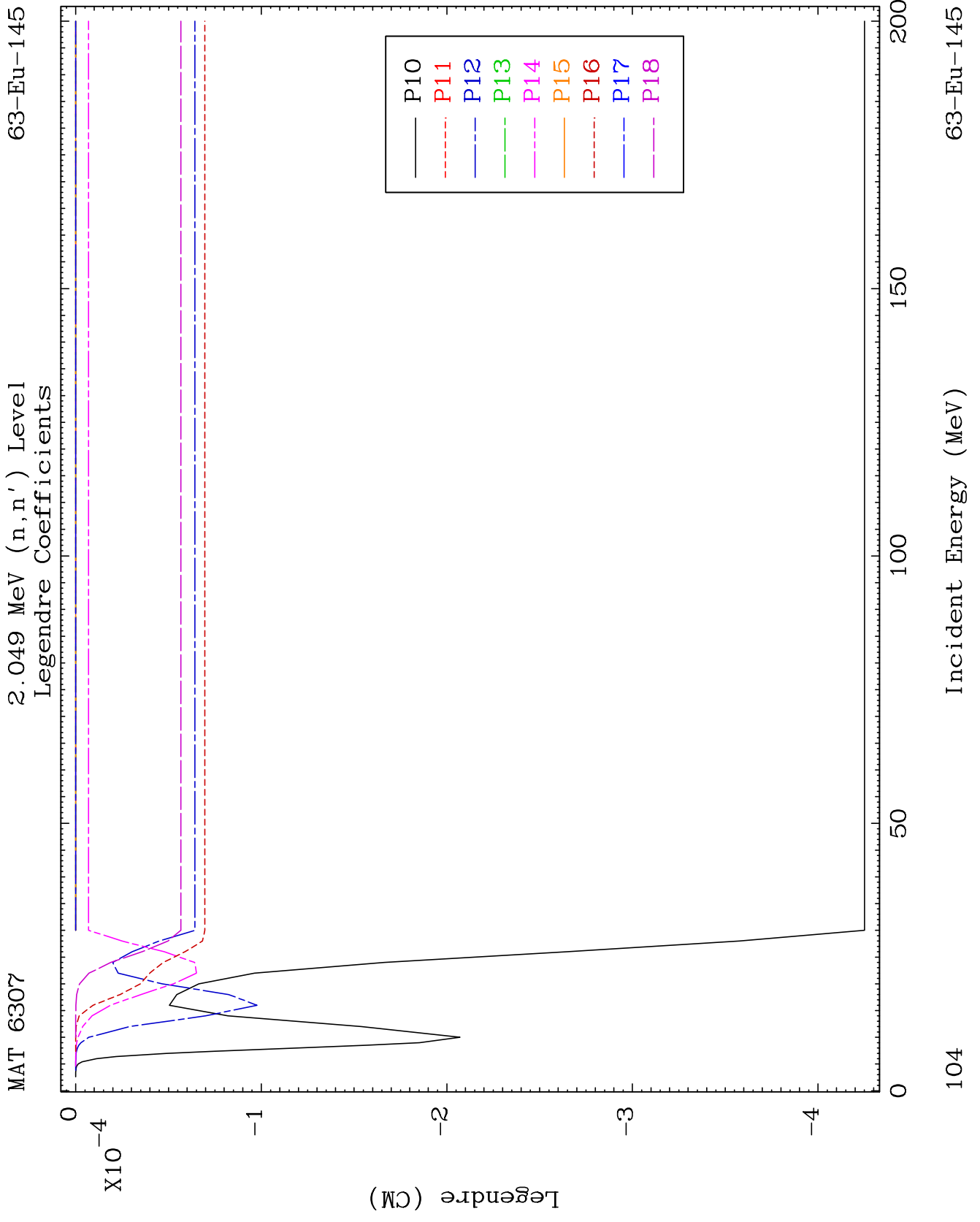


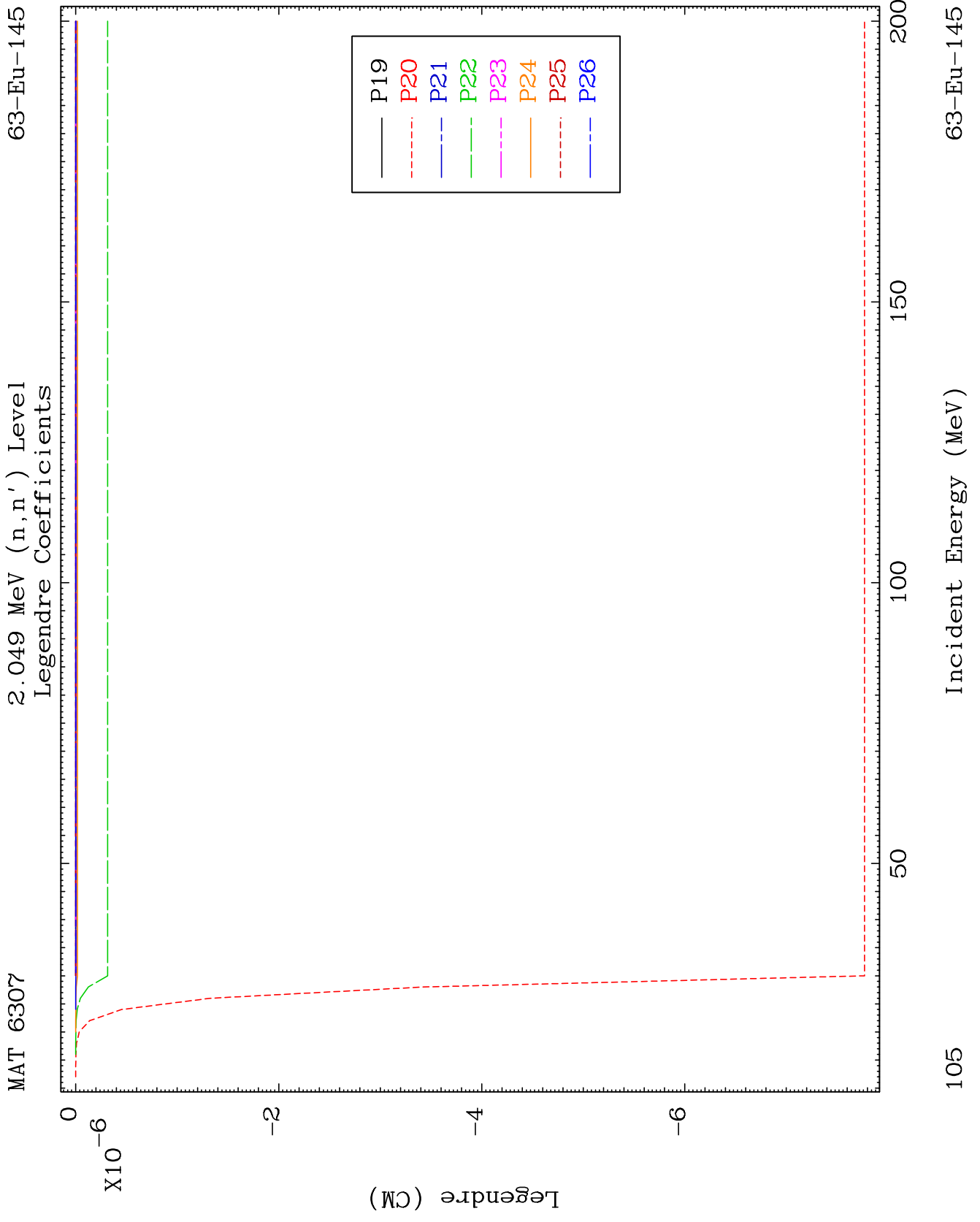
63-Eu-145

Incident Energy (MeV)

100



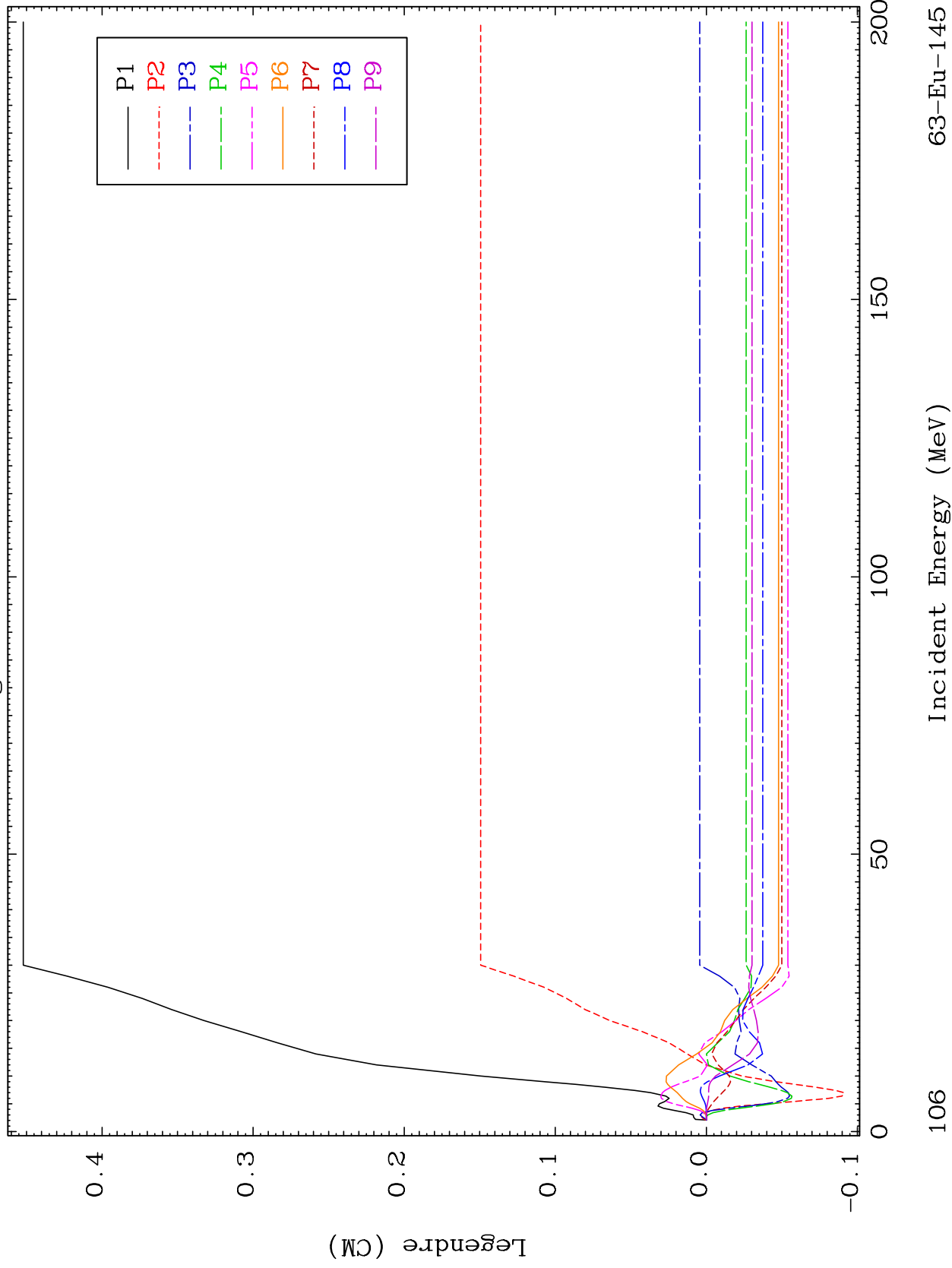




MAT 6307

2.054 MeV (n,n') Level
Legendre Coefficients

63-Eu-145



63-Eu-145

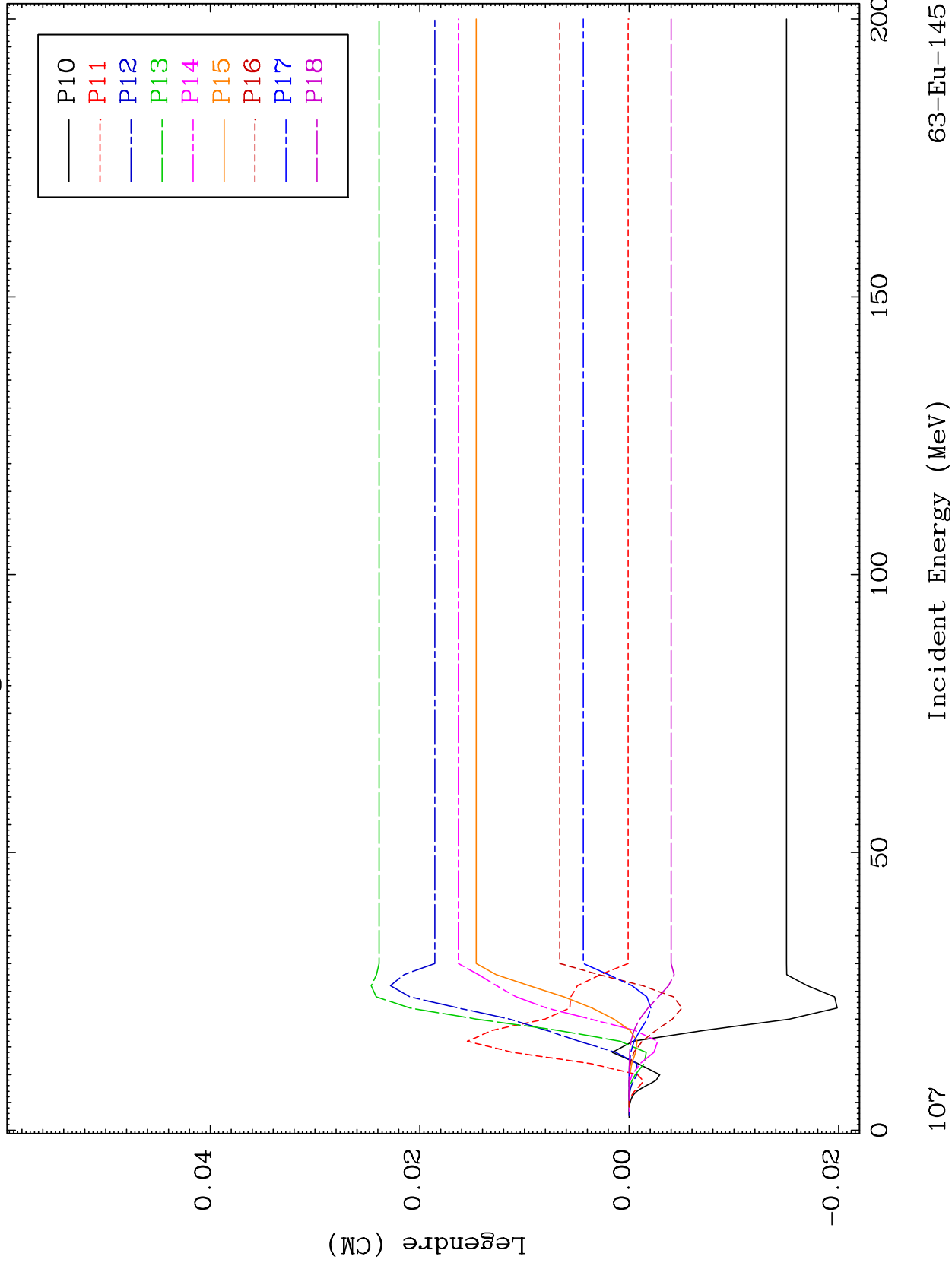
Incident Energy (MeV)

106

MAT 6307

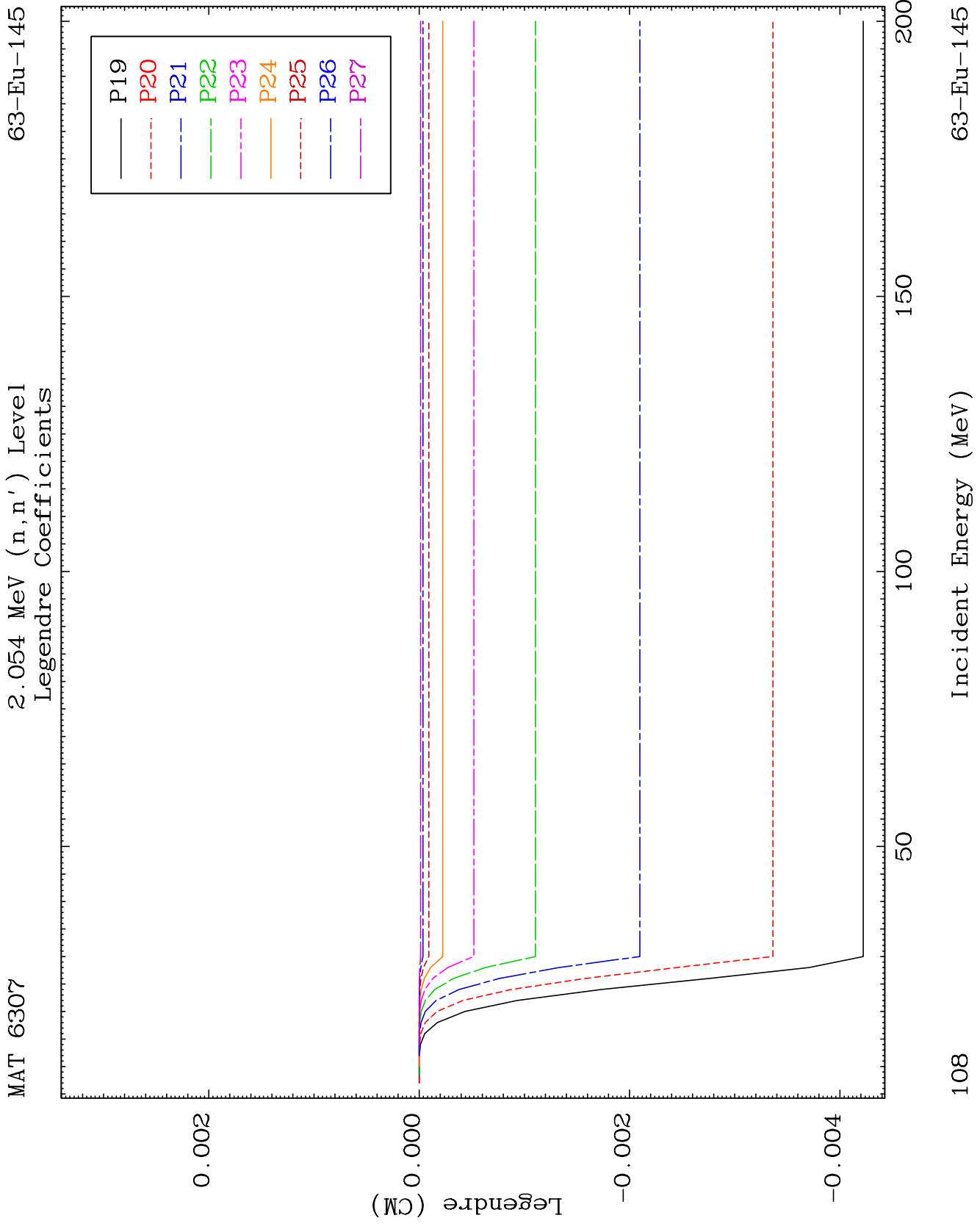
2.054 MeV (n,n') Level
Legendre Coefficients

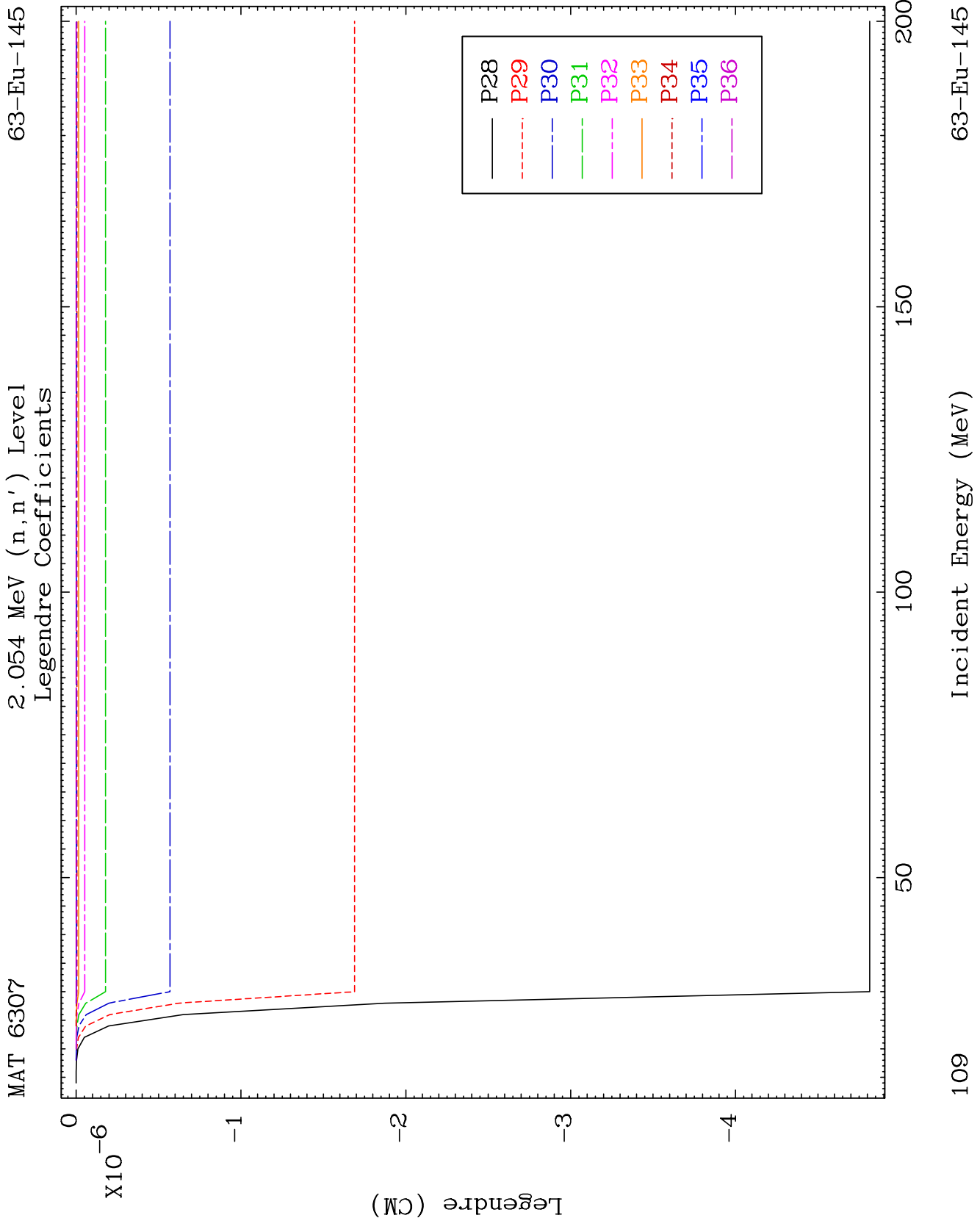
63-Eu-145



107

63-Eu-145

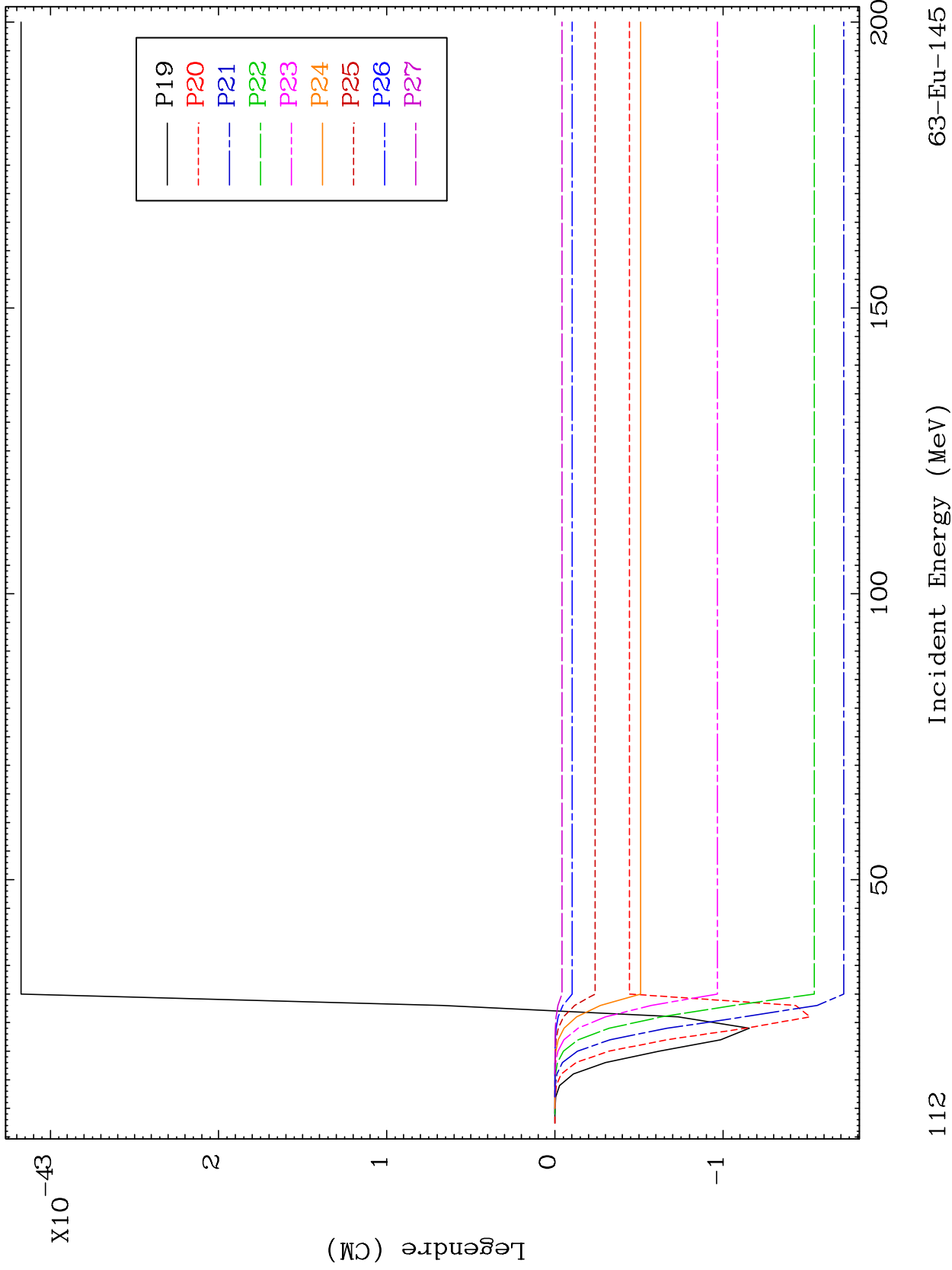




MAT 6307

2.079 MeV (n, n') Level
Legendre Coefficients

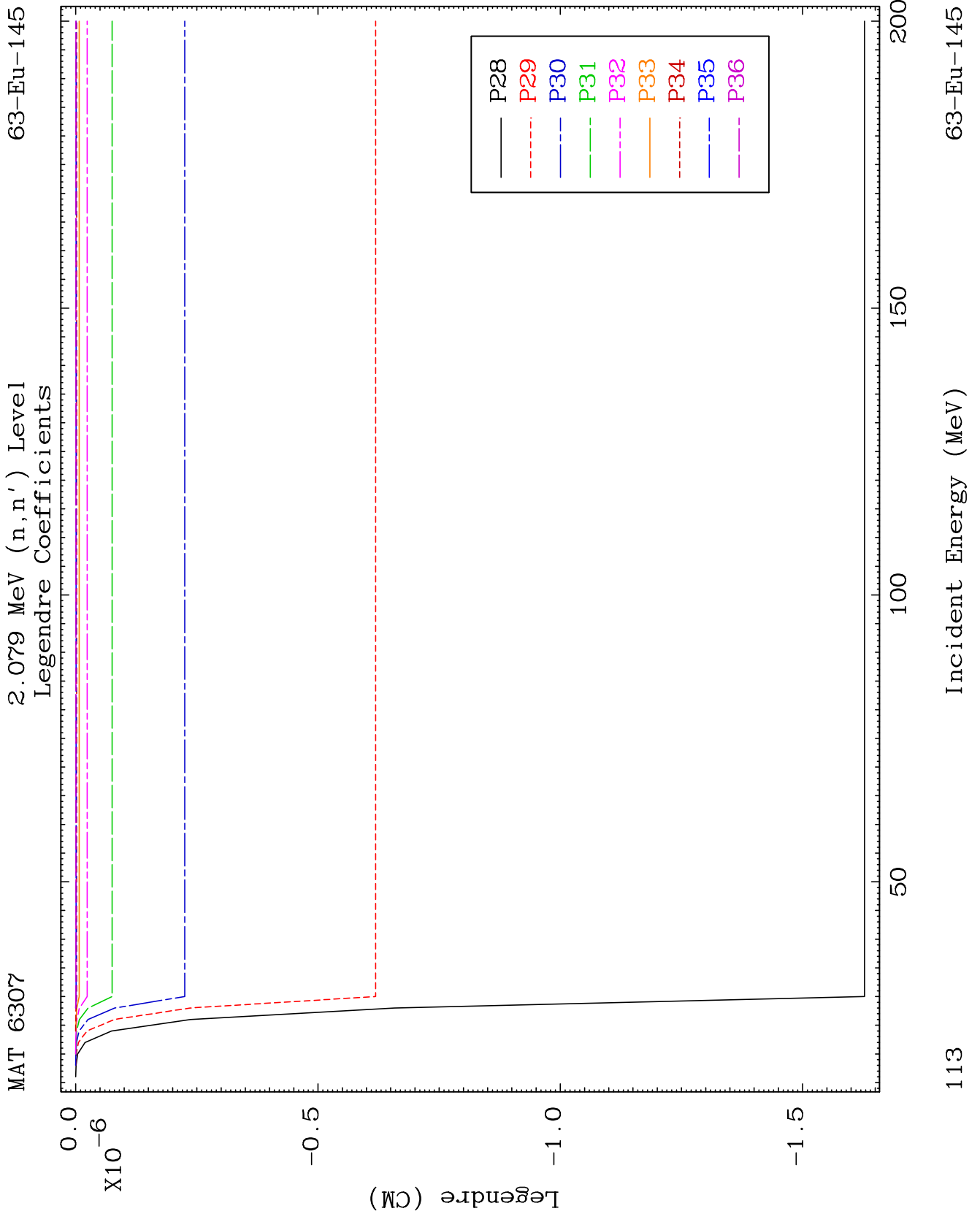
63-Eu-145

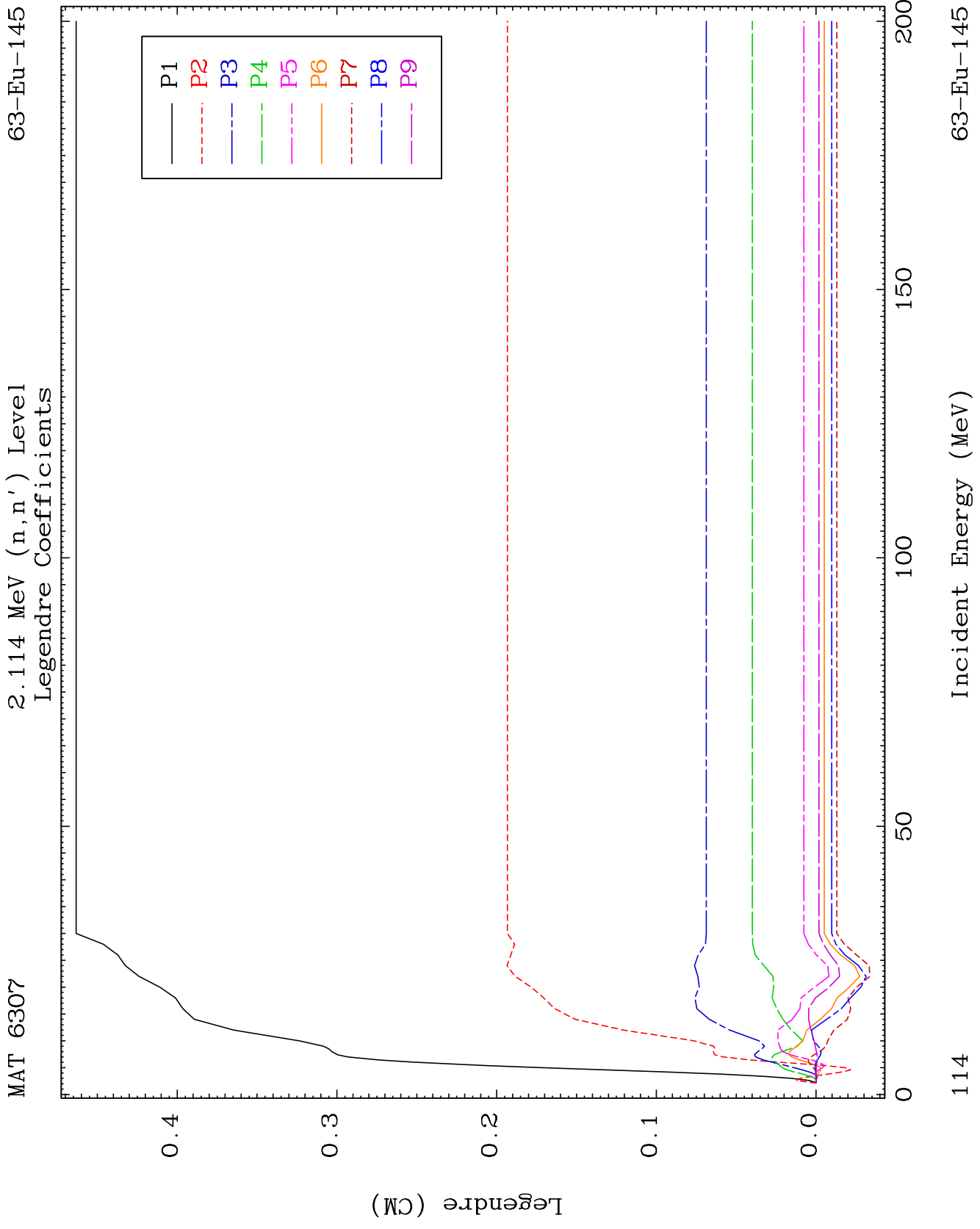


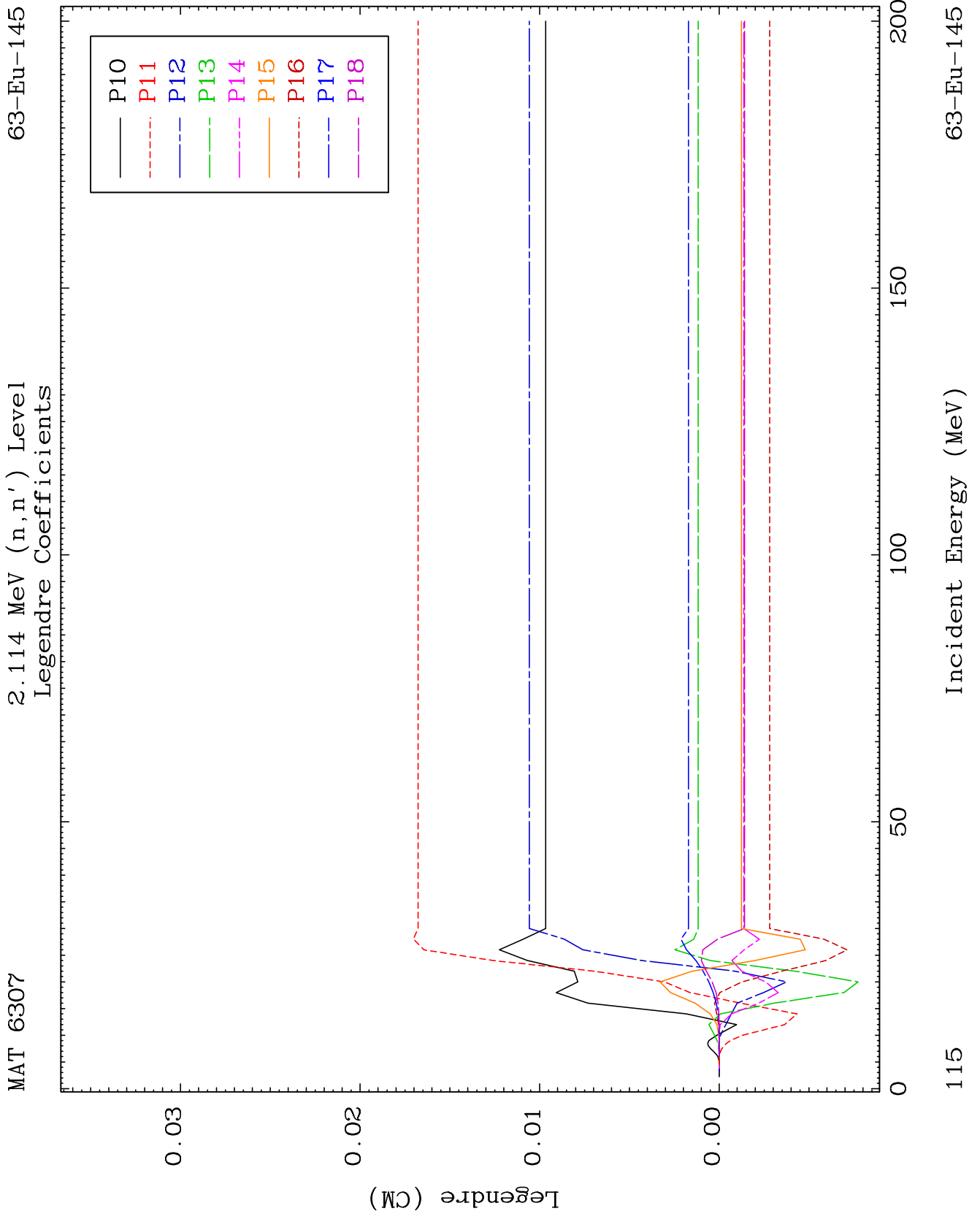
112

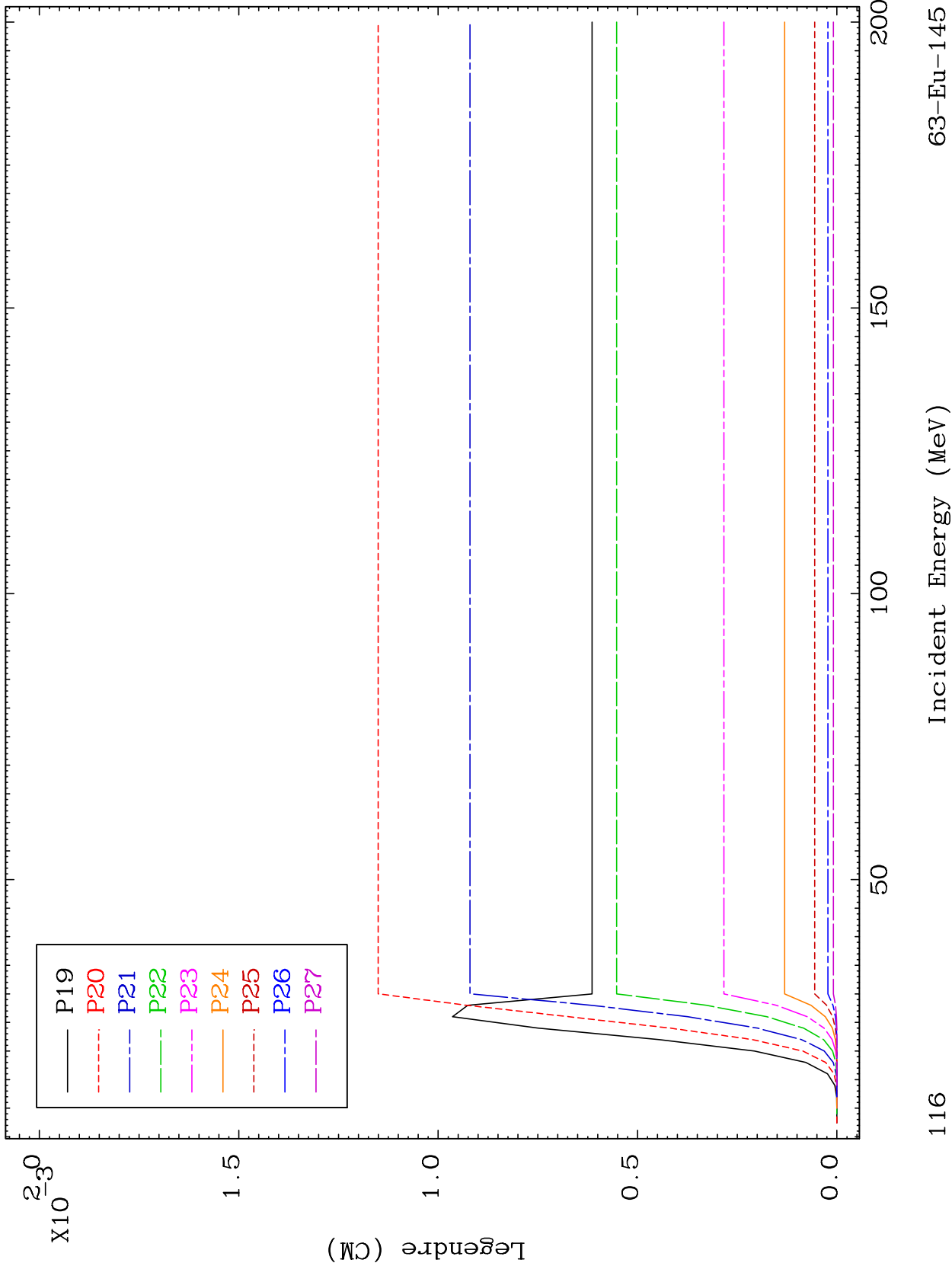
Incident Energy (MeV)

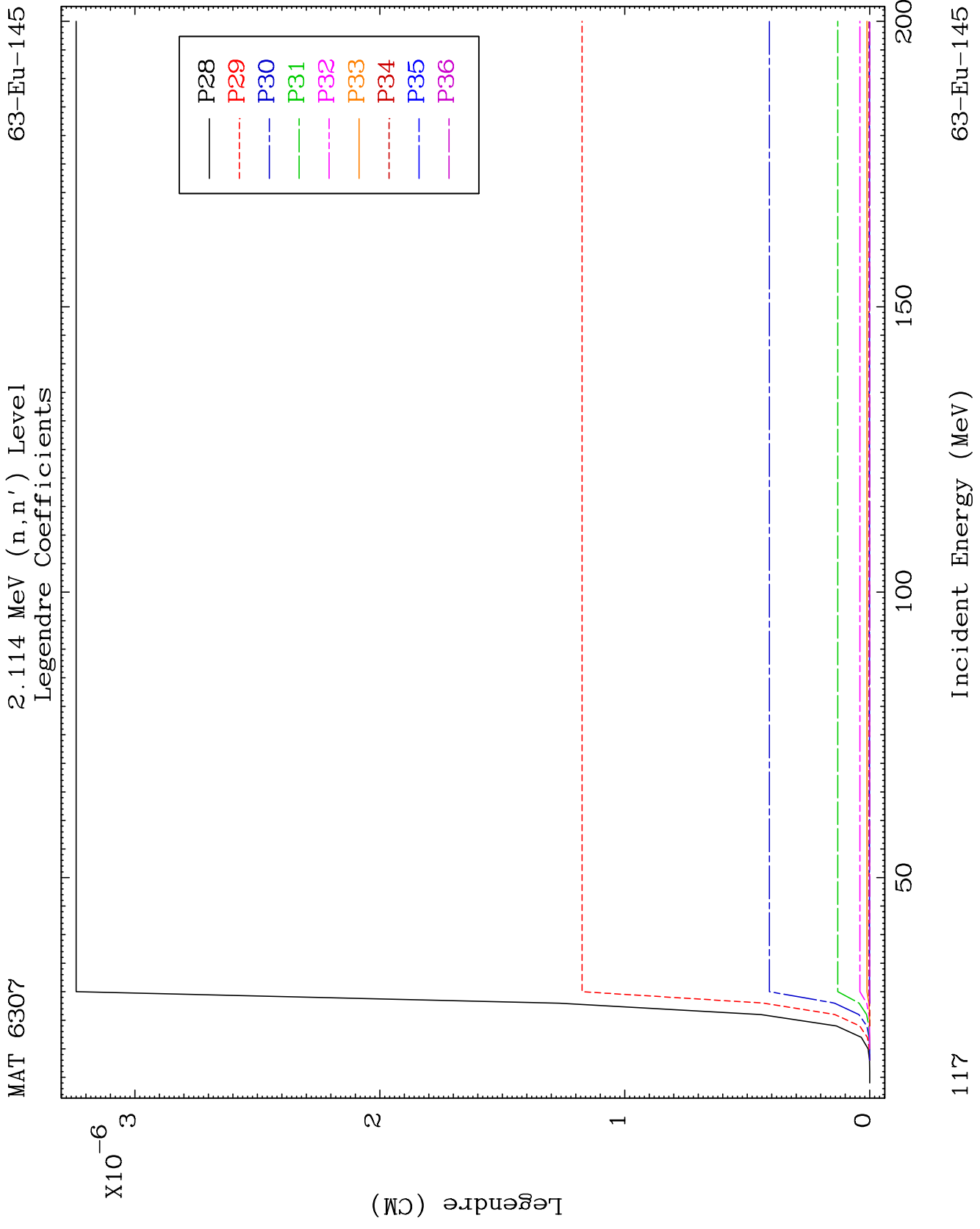
63-Eu-145

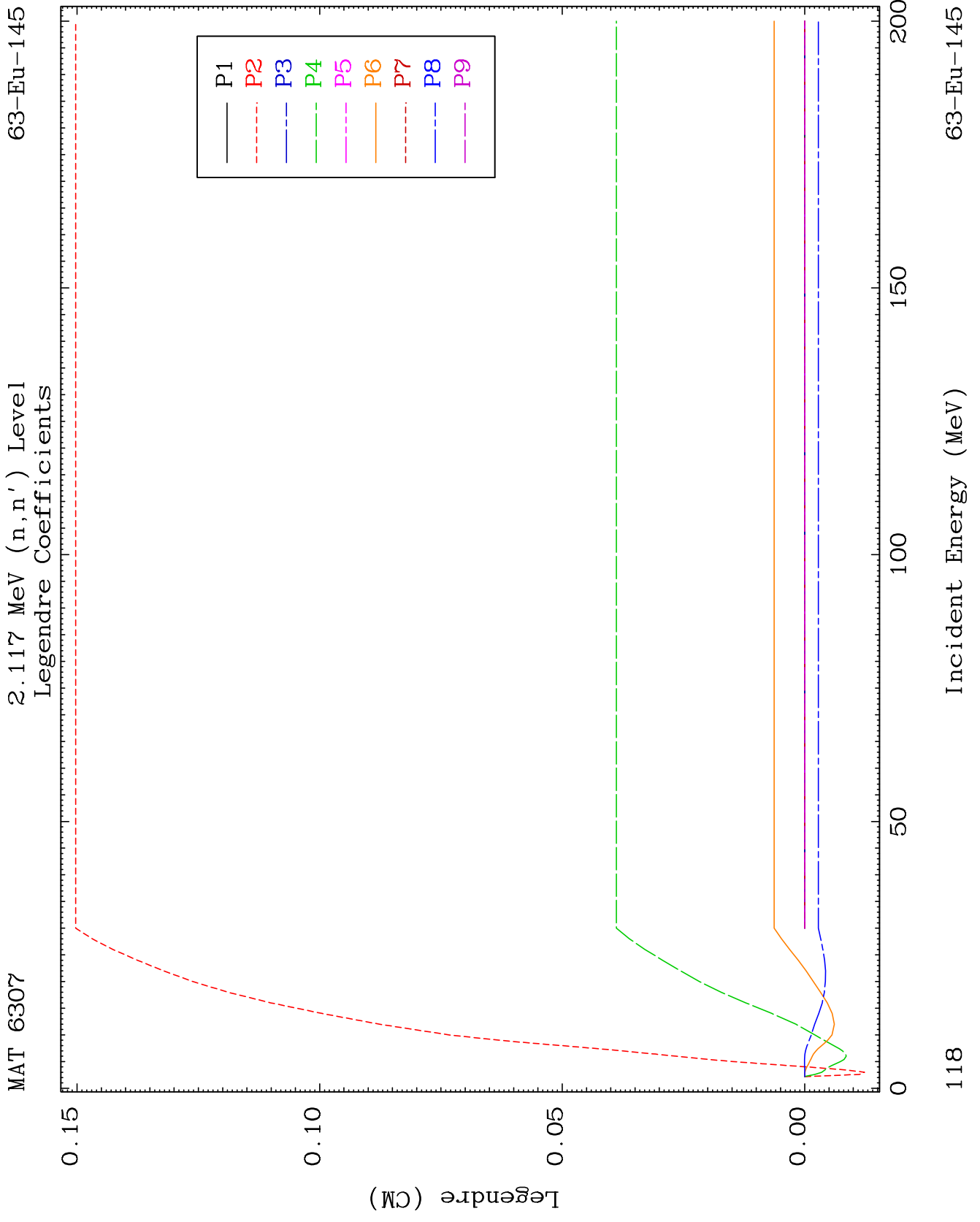


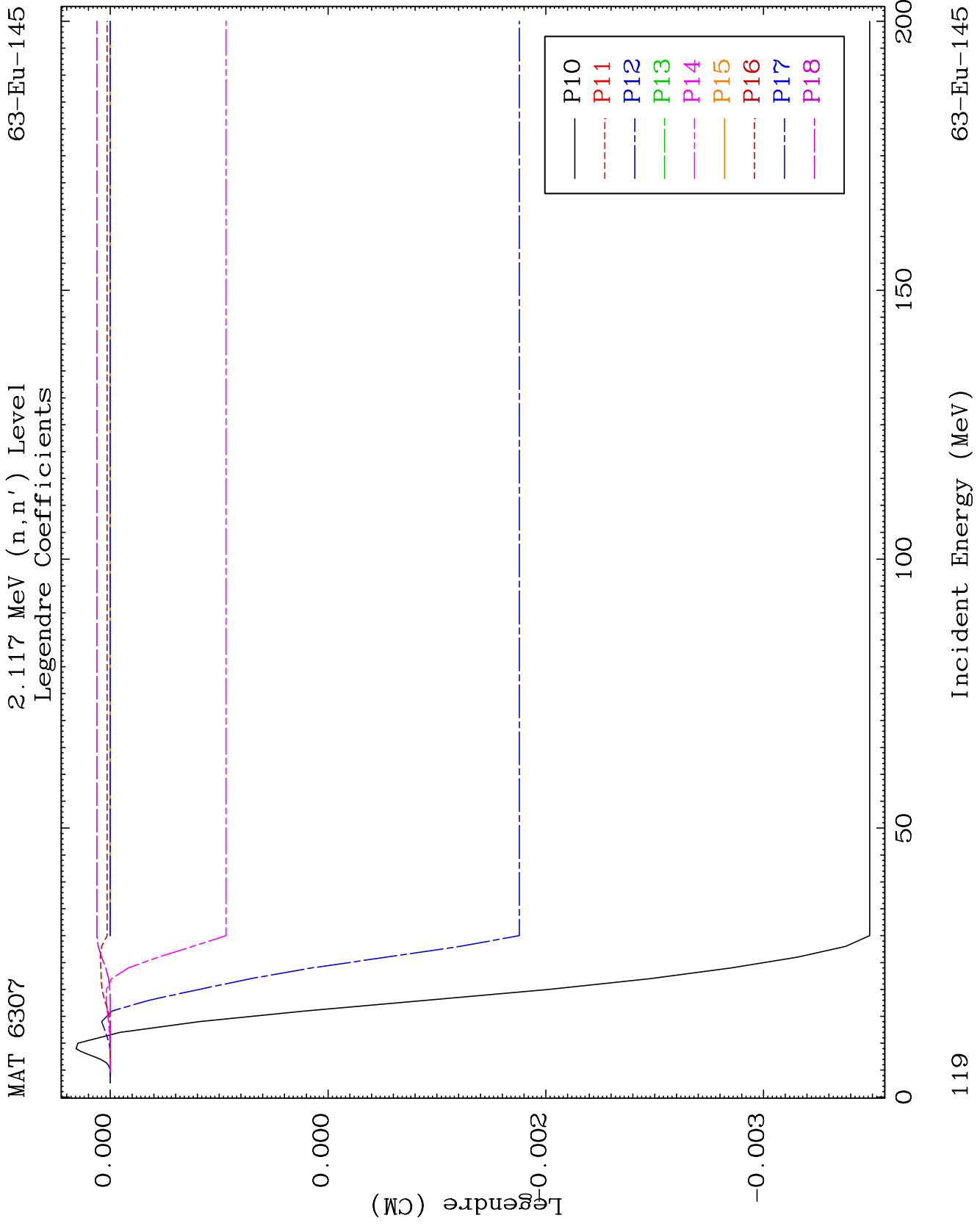


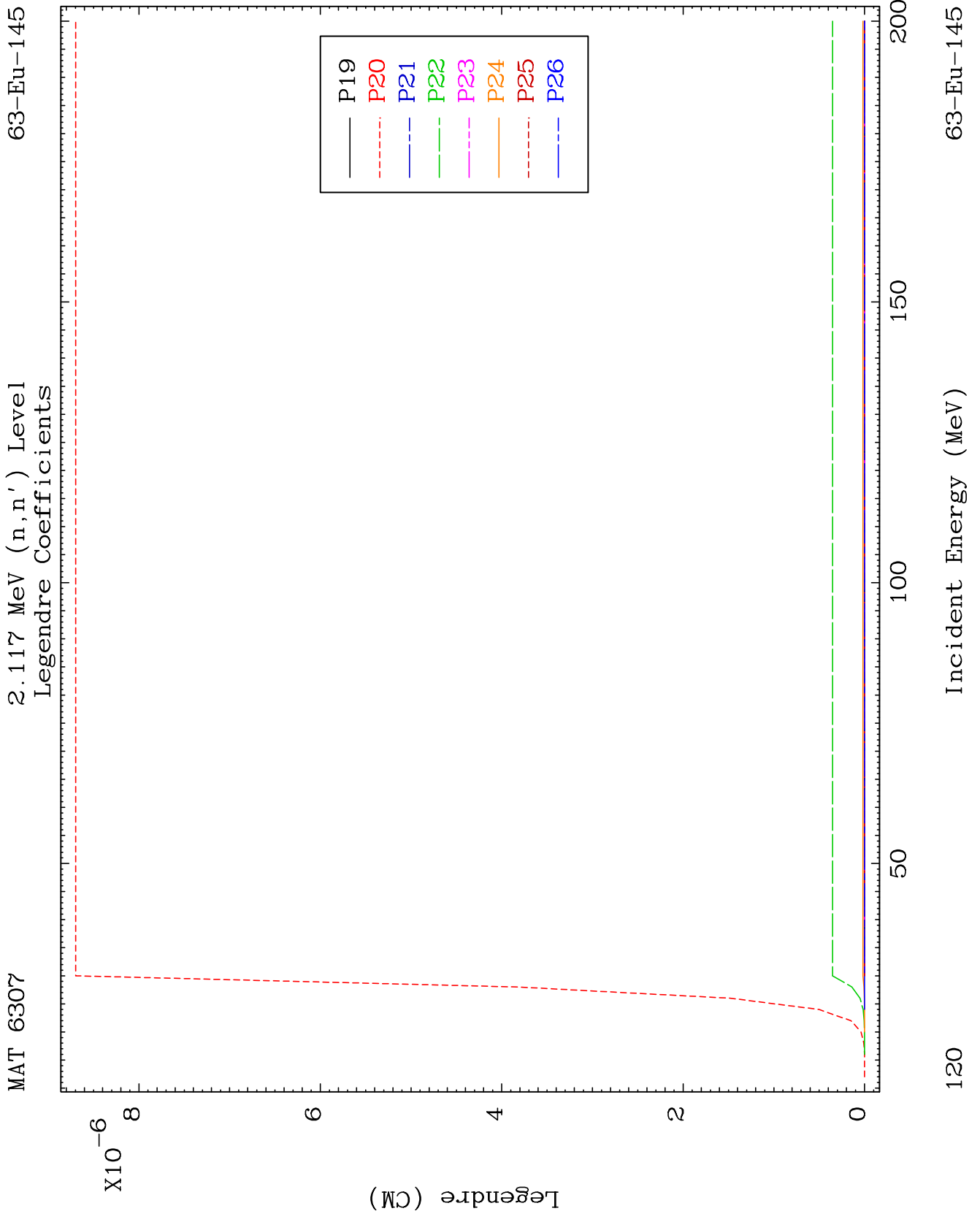








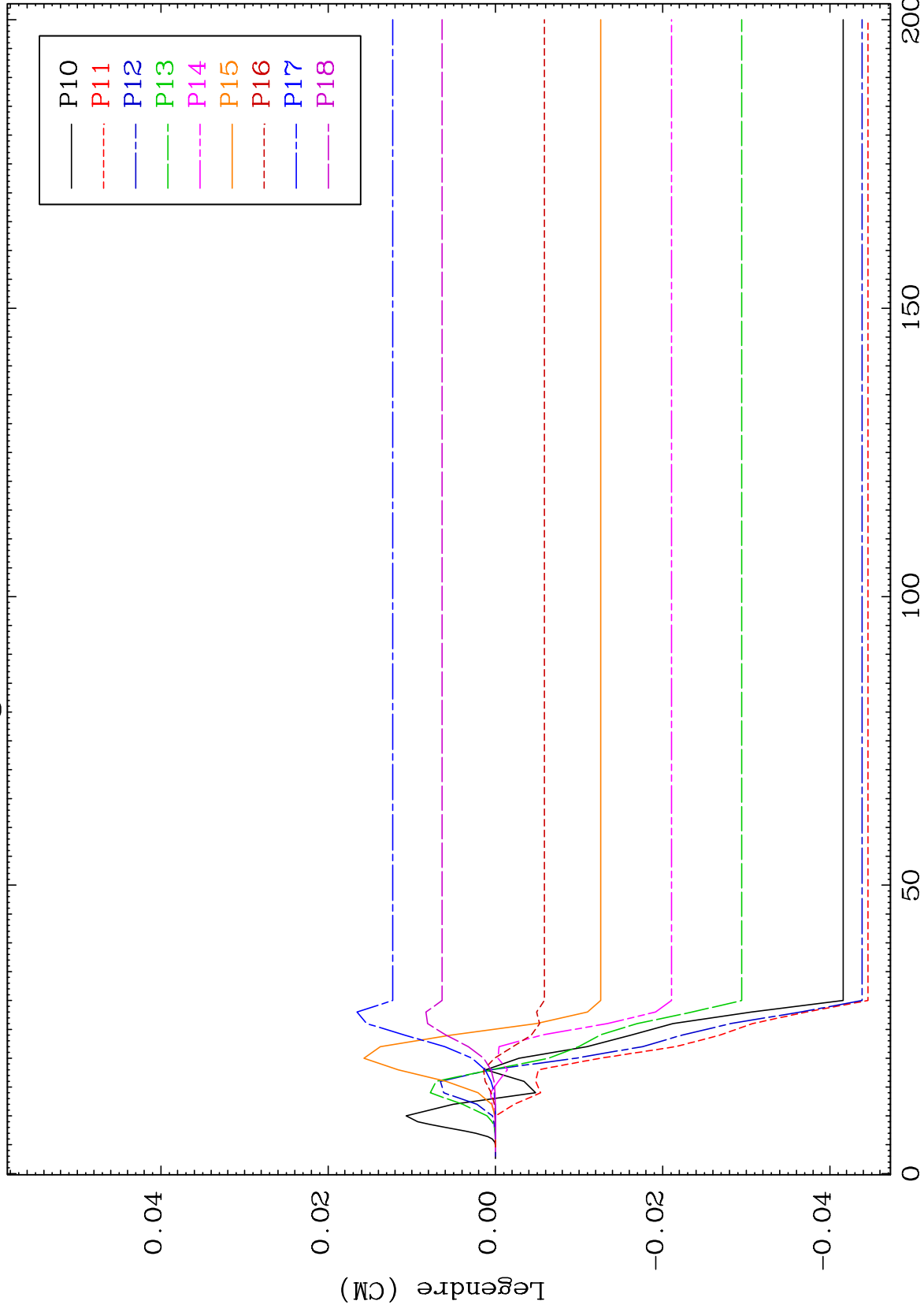




MAT 6307

2.150 MeV (n, n') Level
Legendre Coefficients

63-Eu-145



122

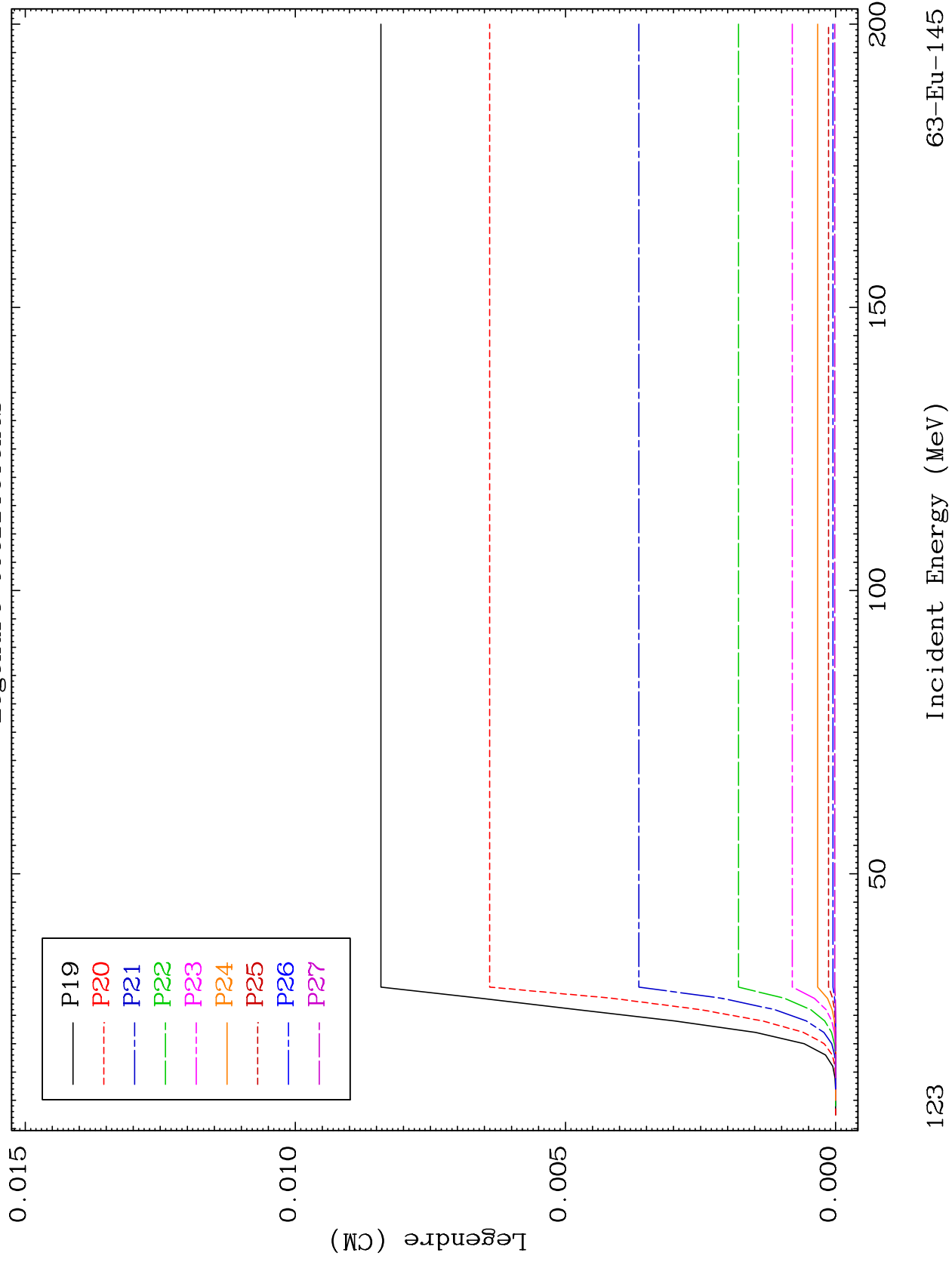
Incident Energy (MeV)

63-Eu-145

MAT 6307

2.150 MeV (n,n') Level
Legendre Coefficients

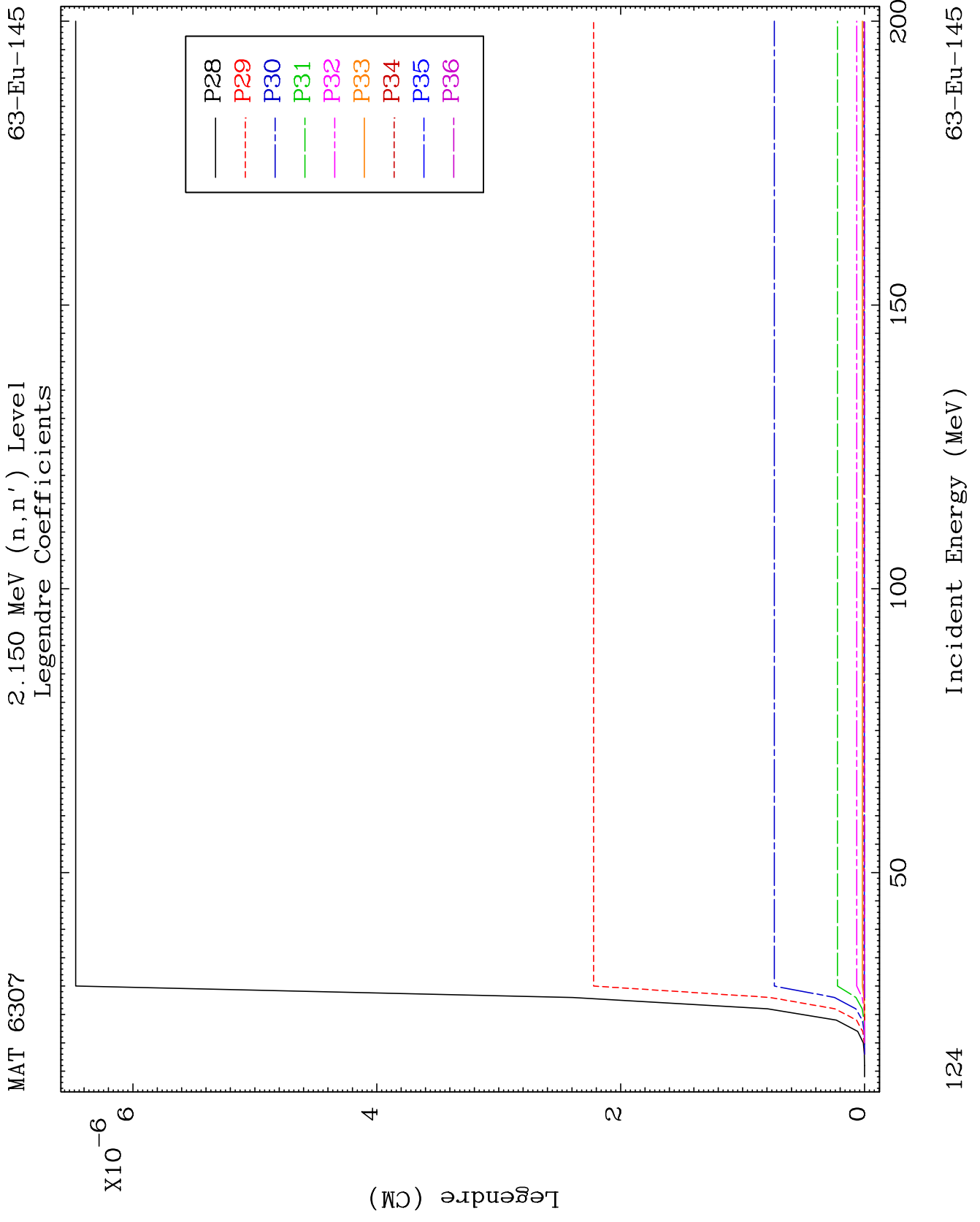
63-Eu-145



123

Incident Energy (MeV)

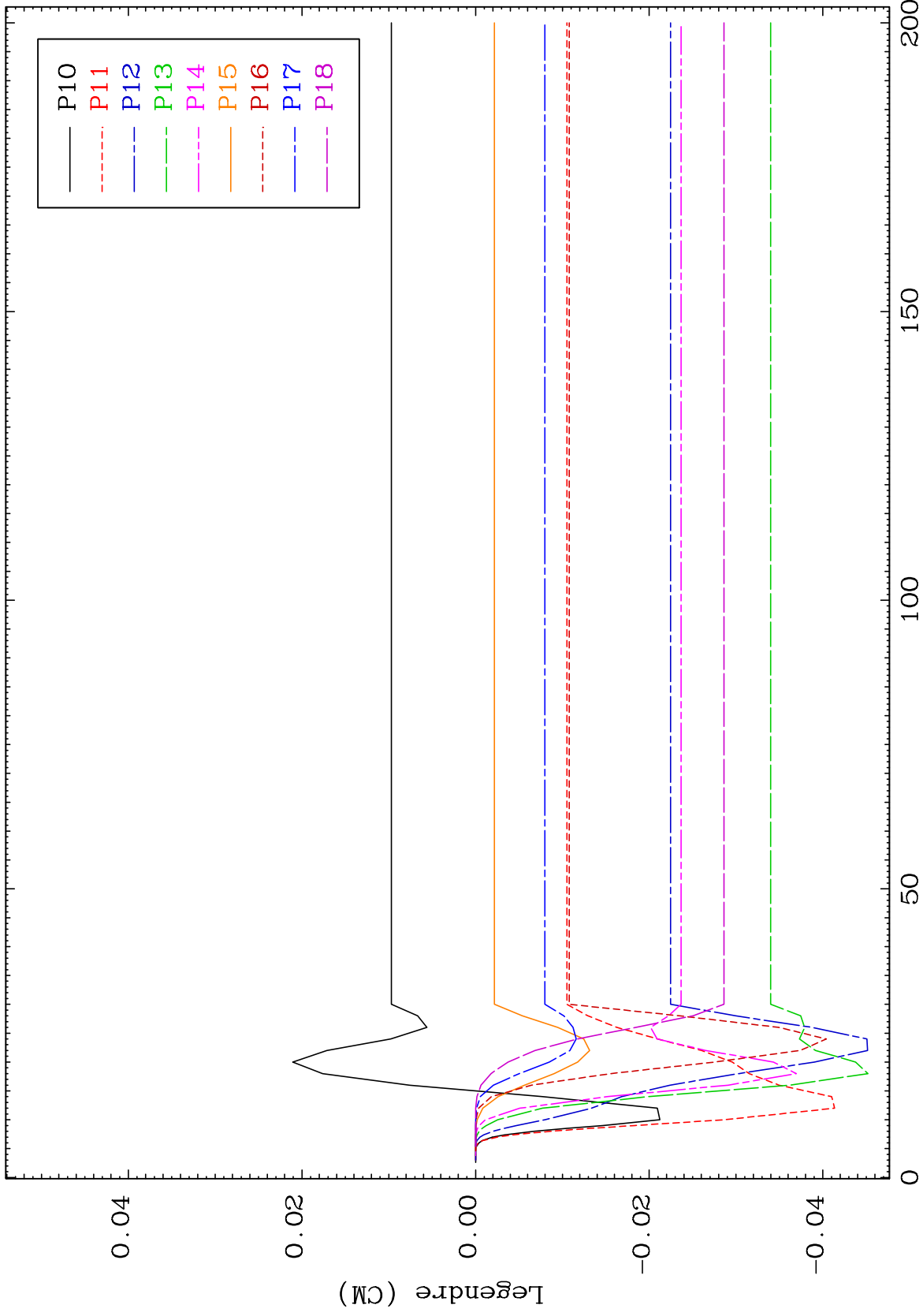
63-Eu-145



MAT 6307

2.188 MeV (n, n') Level
Legendre Coefficients

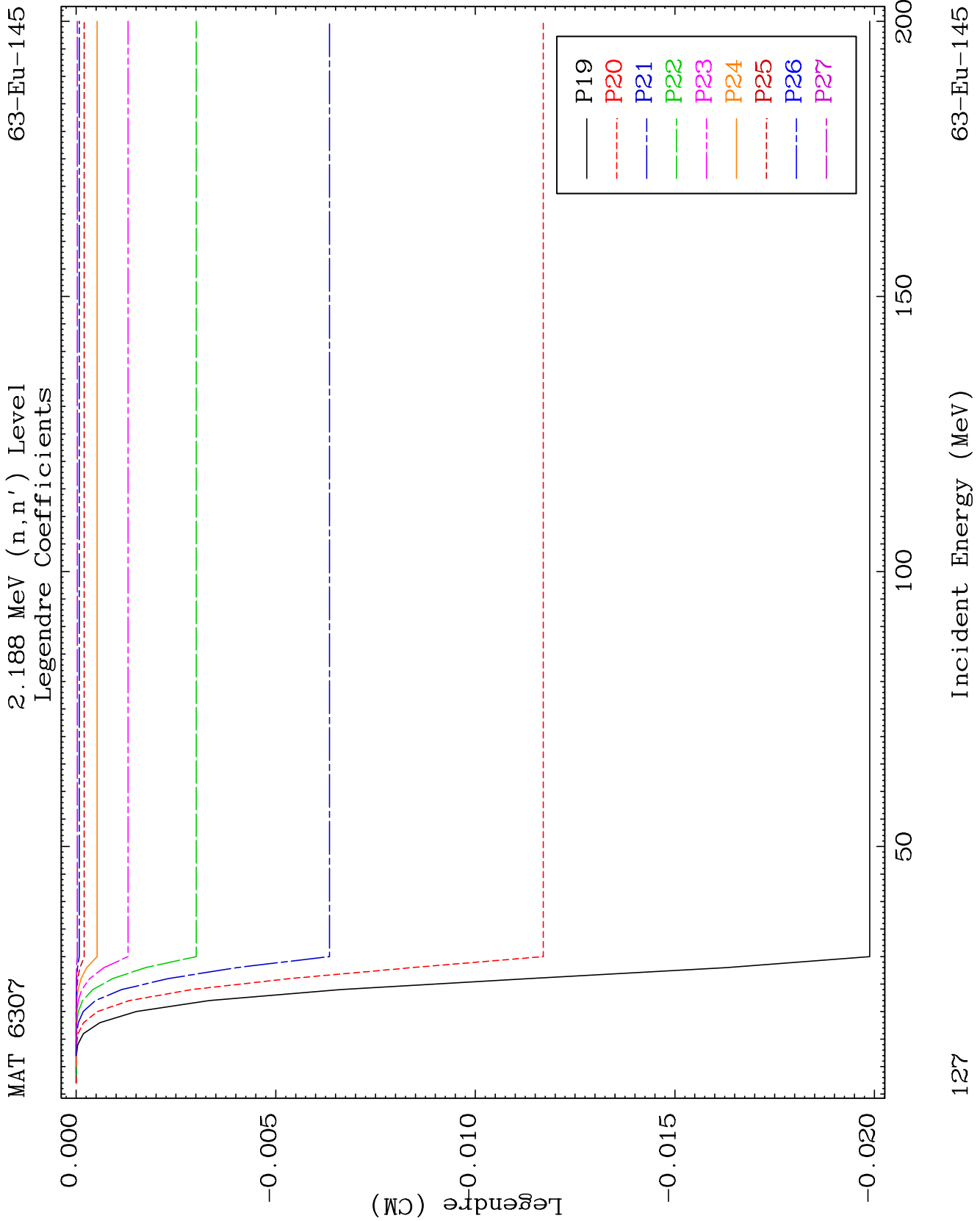
63-Eu-145

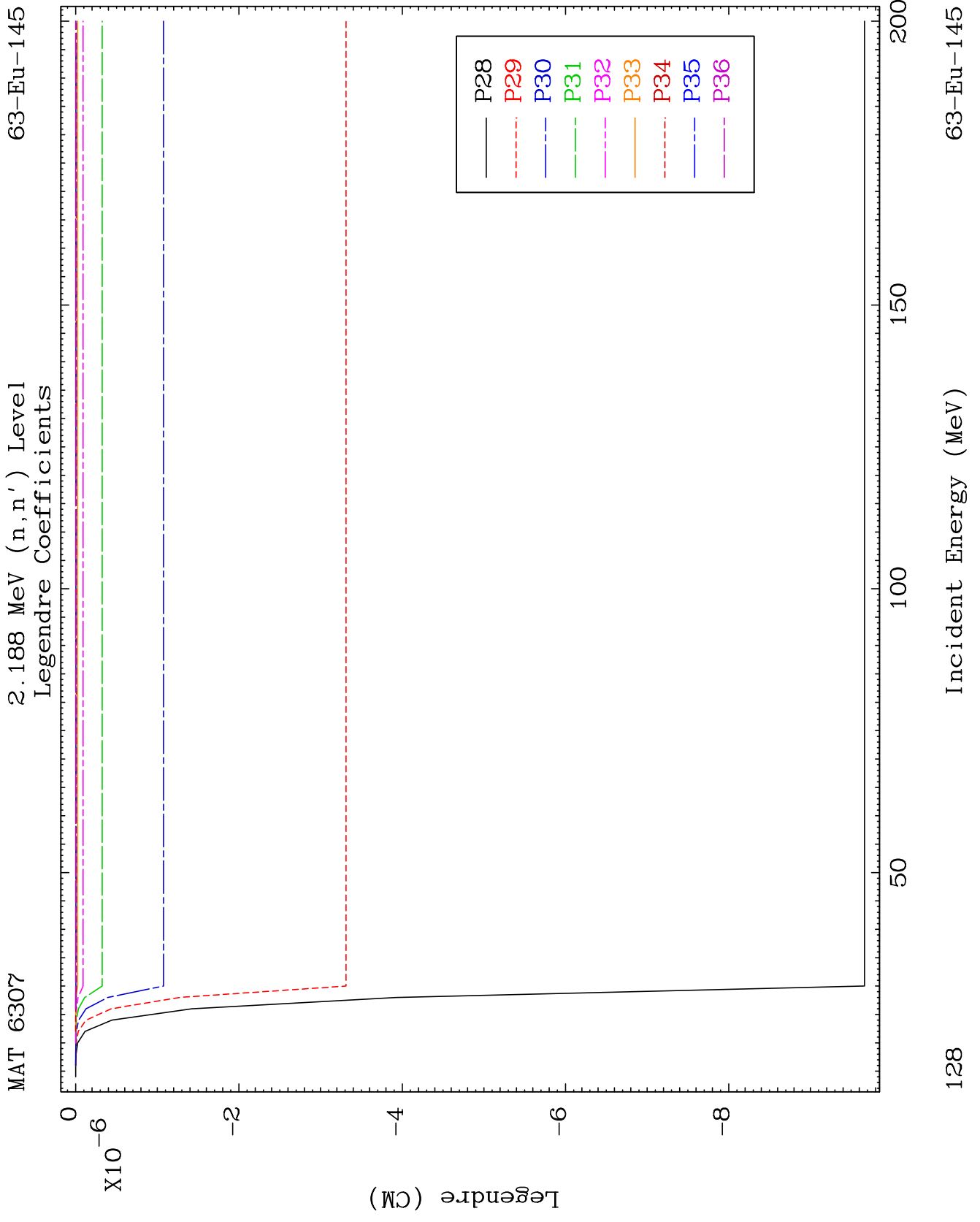


126

Incident Energy (MeV)

63-Eu-145



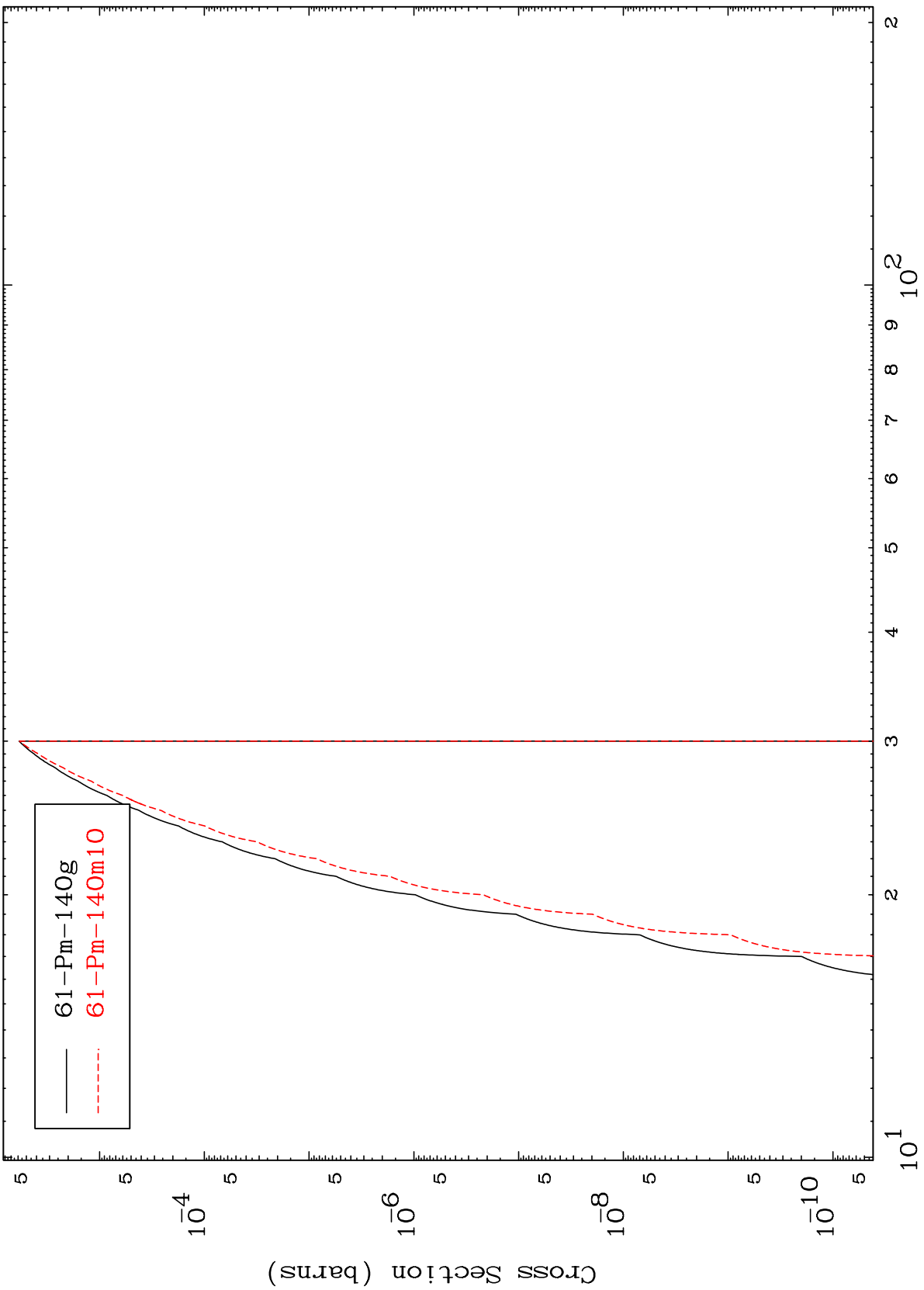


MAT 6307

(n,2n) α

63-Eu-145

Radionuclide Production Cross Section



129

Incident Energy (MeV)

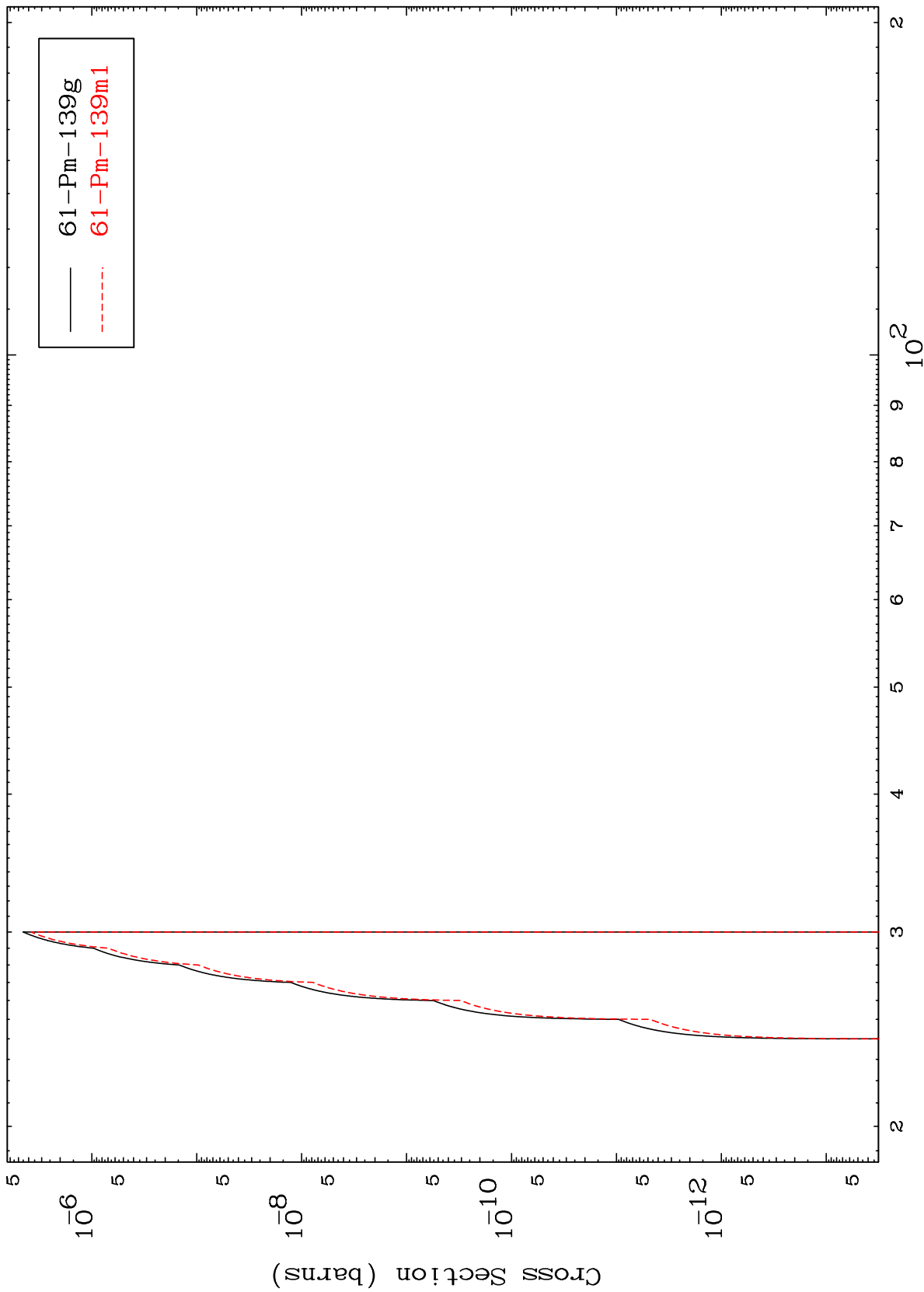
63-Eu-145

MAT 6307

(n,3n) α

63-Eu-145

Radionuclide Production Cross Section



130

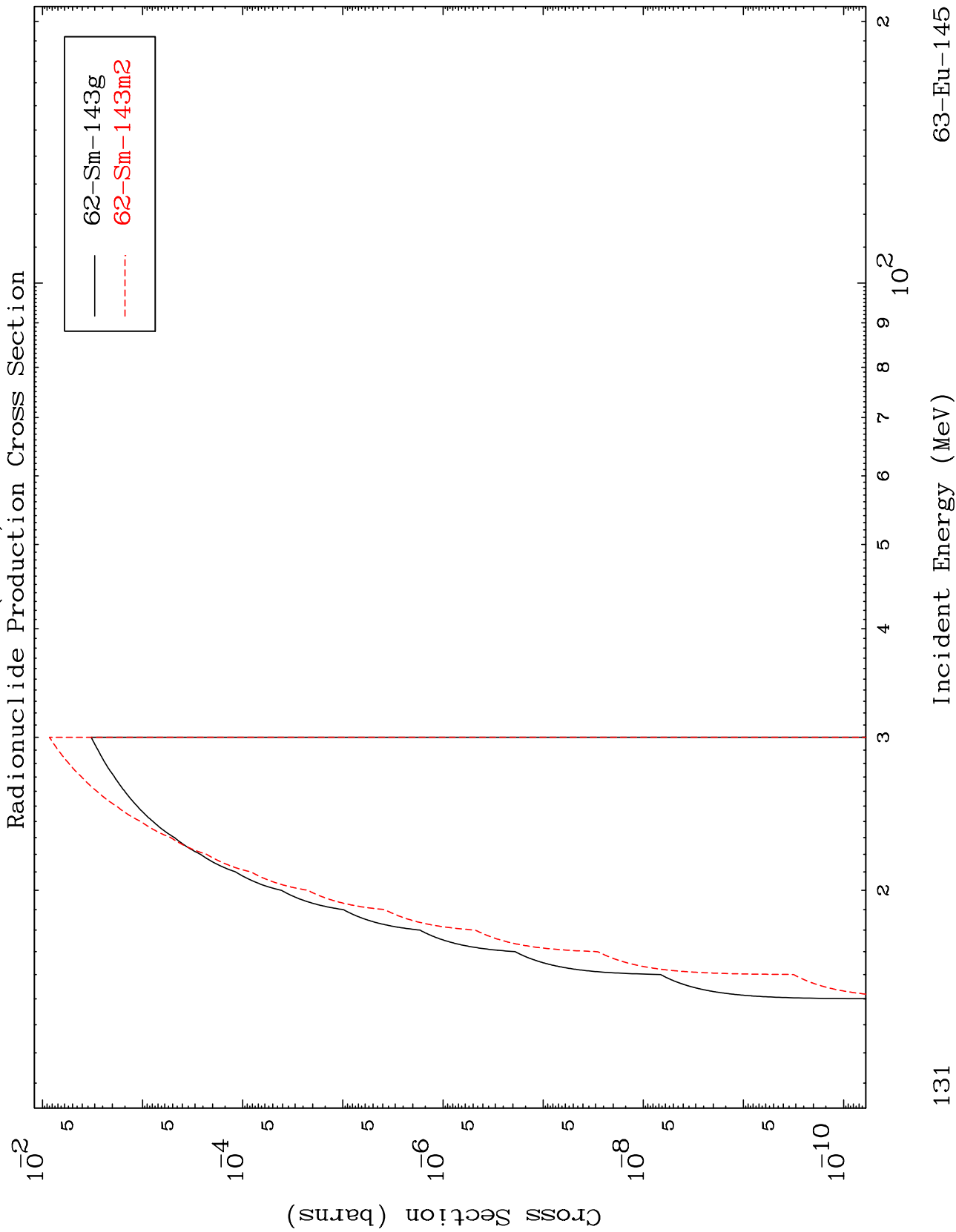
Incident Energy (MeV)

63-Eu-145

MAT 6307

(n,n') d

63-Eu-145



131

Incident Energy (MeV)

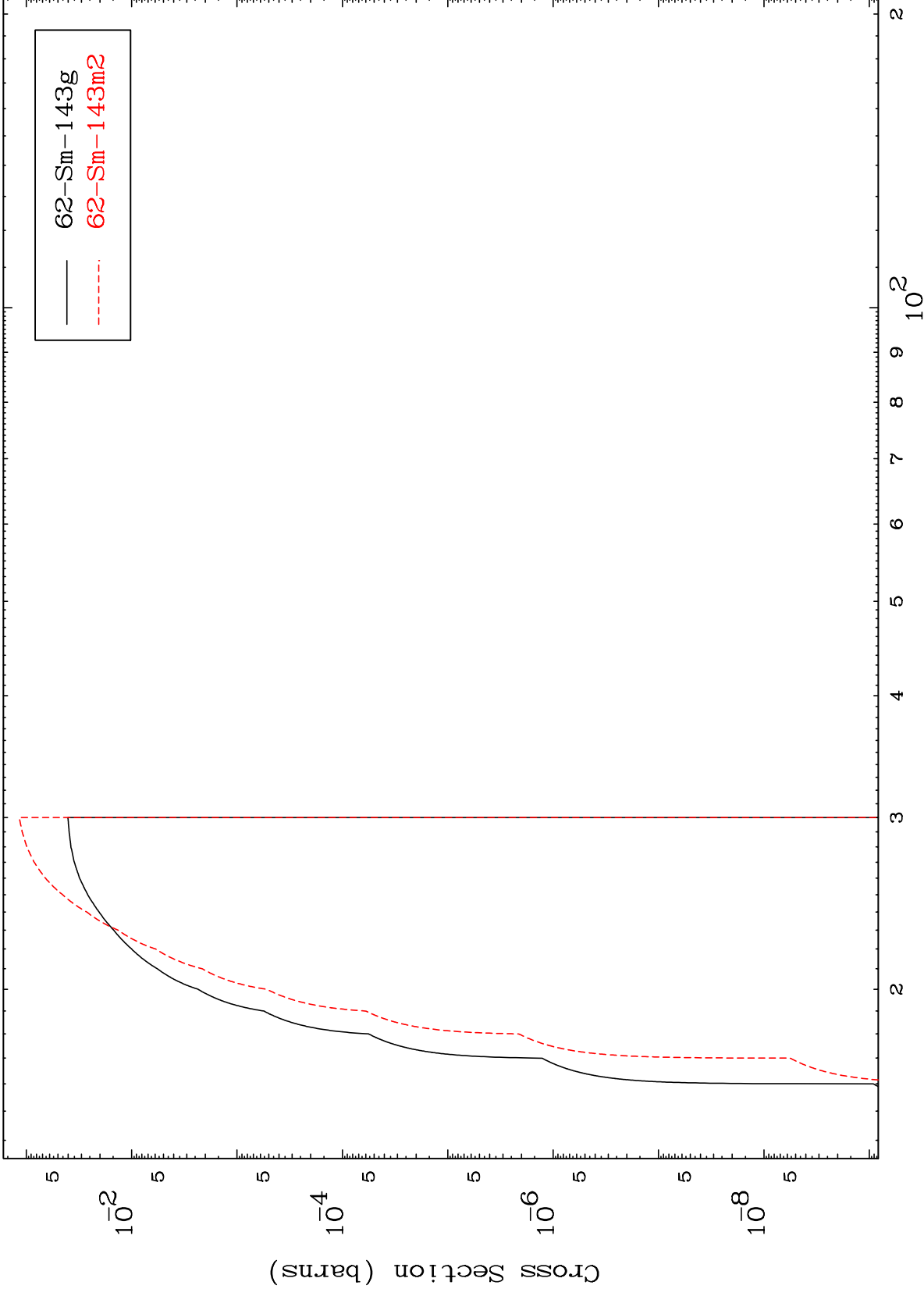
63-Eu-145

MAT 6307

(n,2n) p

63-Eu-145

Radionuclide Production Cross Section



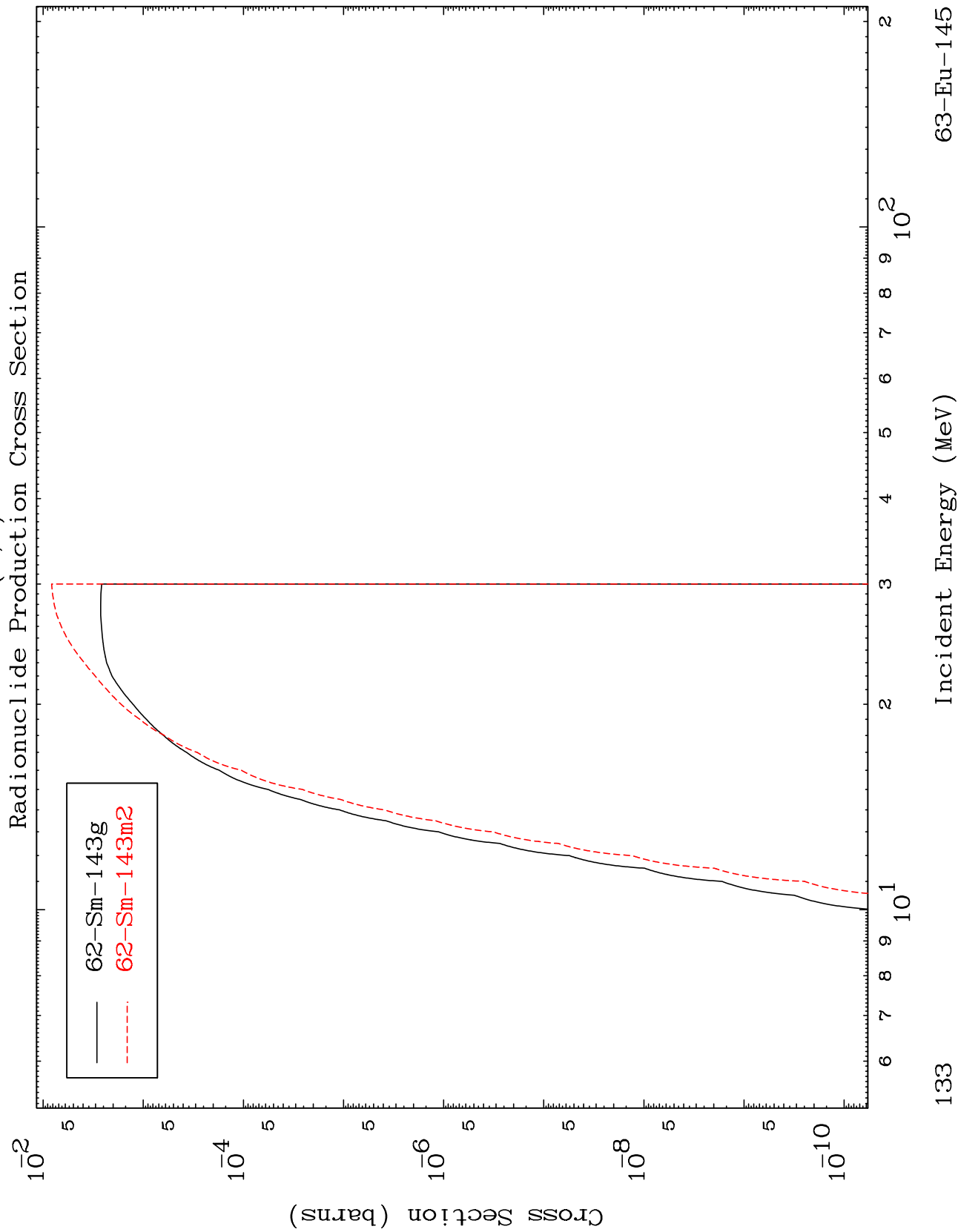
132

Incident Energy (MeV)

63-Eu-145

MAT 6307

63-Eu-145



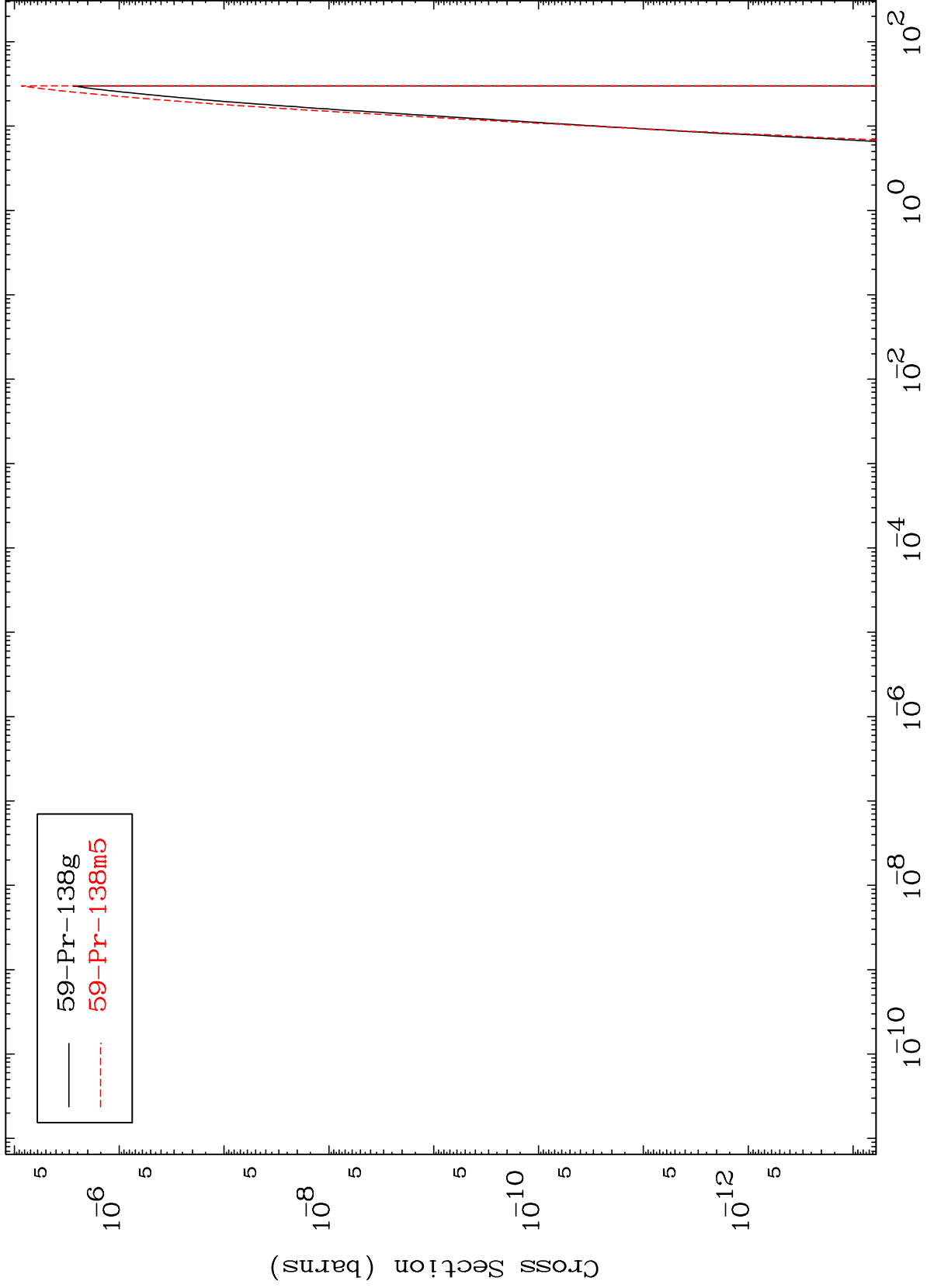
133

MAT 6307

(n,2α)

63-Eu-145

Radionuclide Production Cross Section



134

Incident Energy (MeV)

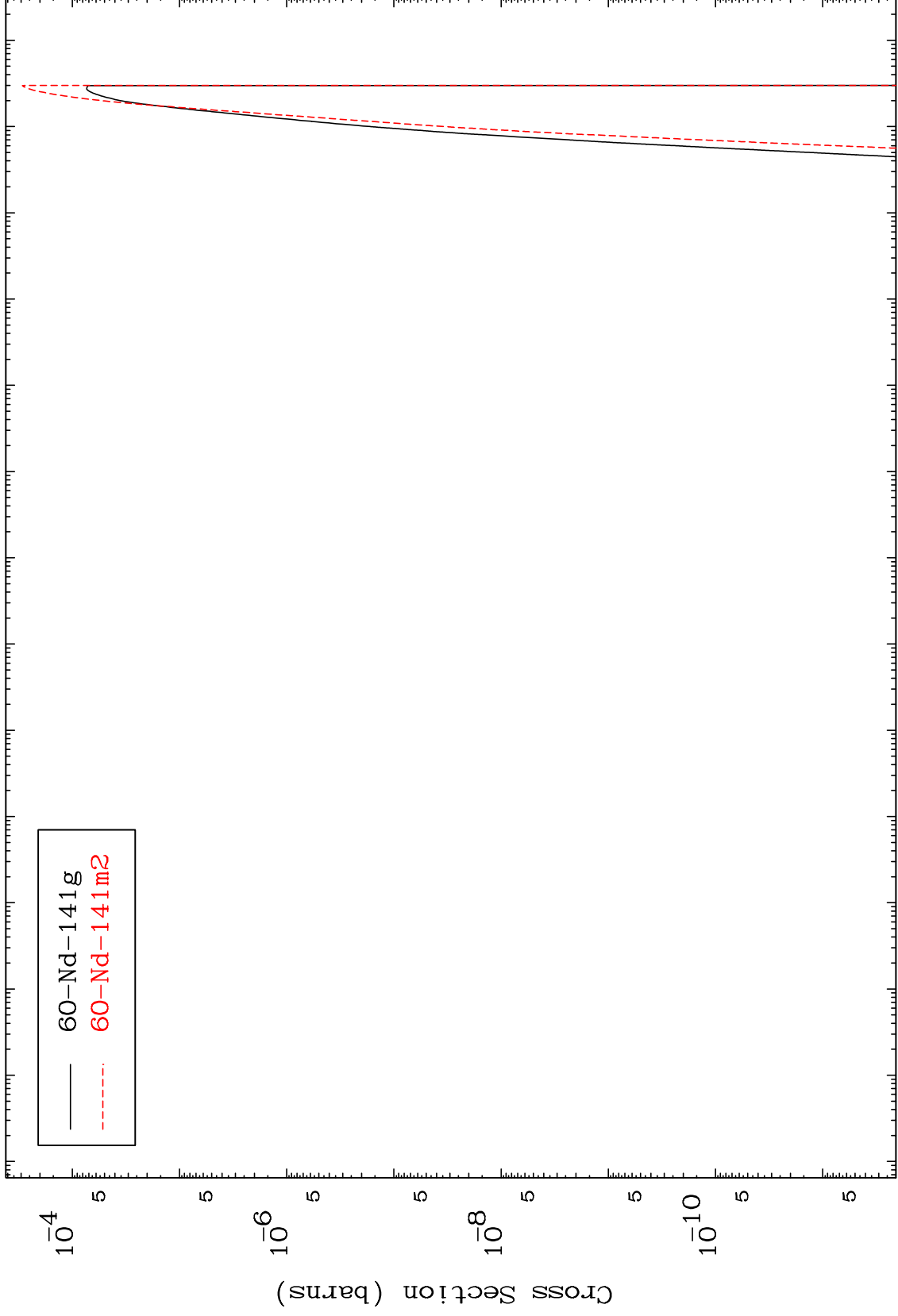
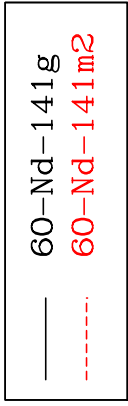
63-Eu-145

MAT 6307

(n,p) α

$^{63}\text{Eu}-145$

Radionuclide Production Cross Section



135

Incident Energy (MeV)

$^{63}\text{Eu}-145$