

Program EVALPLOT
(Version 2015-2)

by

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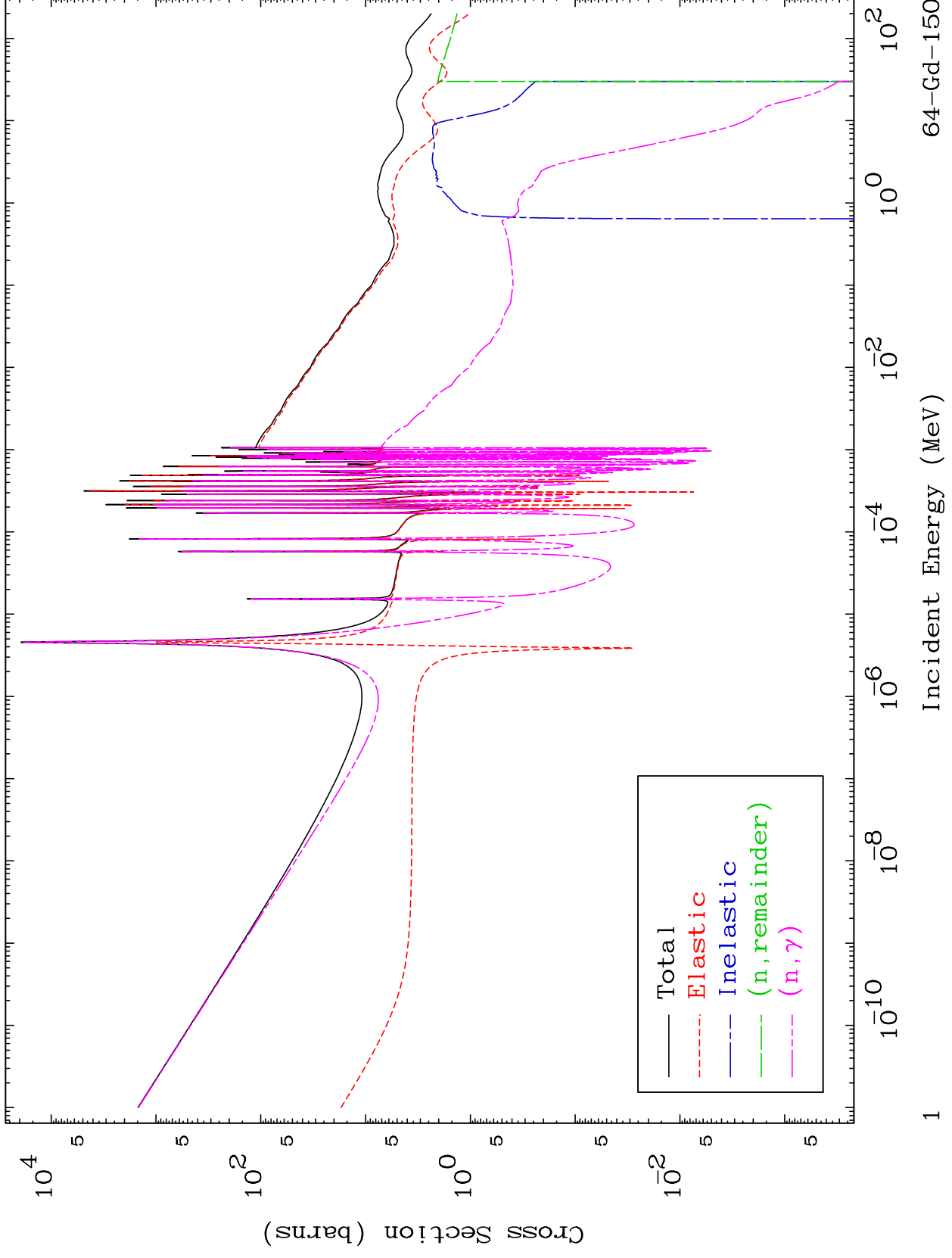
Press Mouse Button to Start

MAT 6419

Major

293 Kelvin Cross Sections

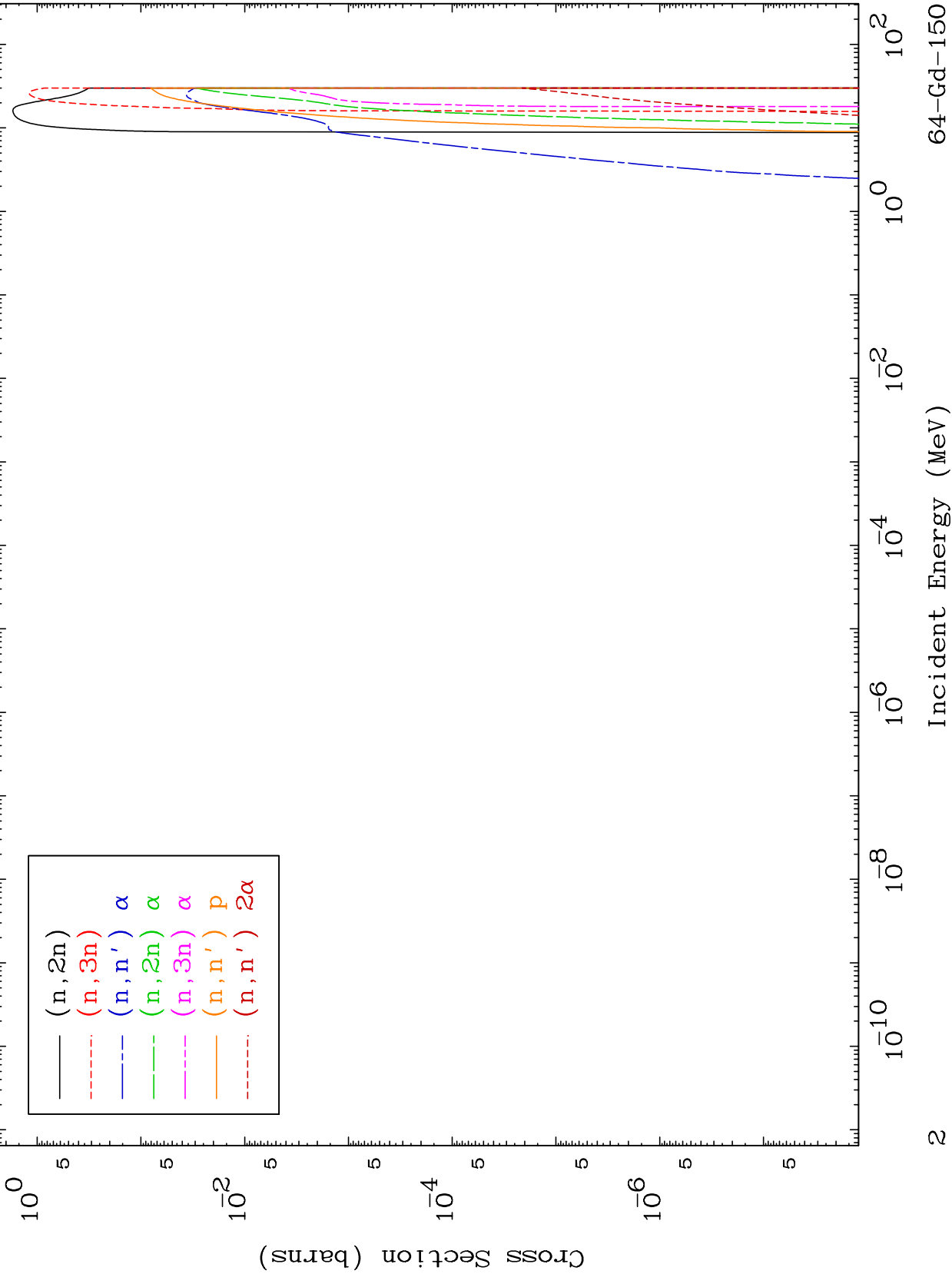
64-Gd-150



MAT 6419

Neutron Production
293 Kelvin Cross Sections

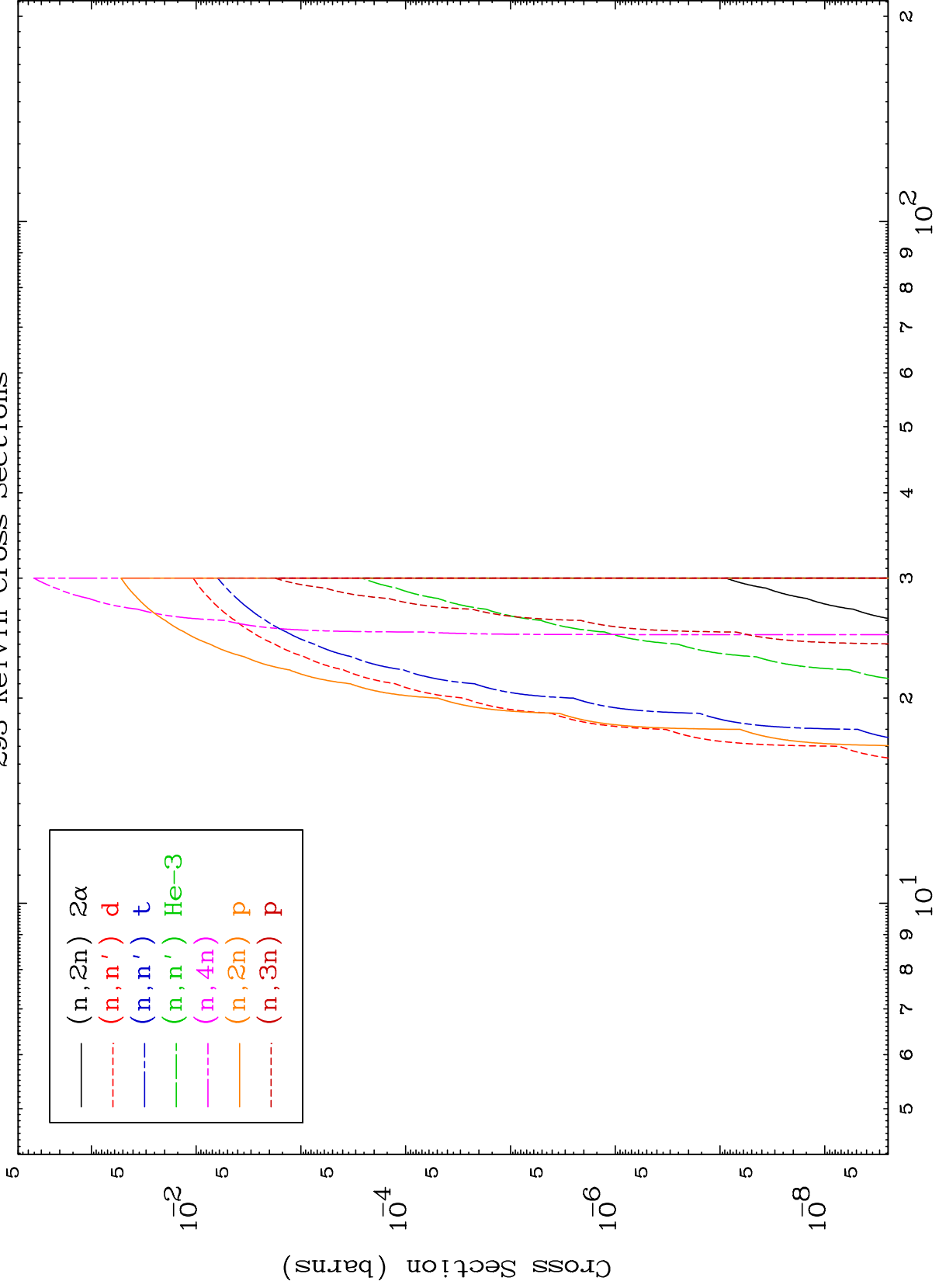
64-Gd-150



MAT 6419

Neutron Production
293 Kelvin Cross Sections

64-Gd-150



3

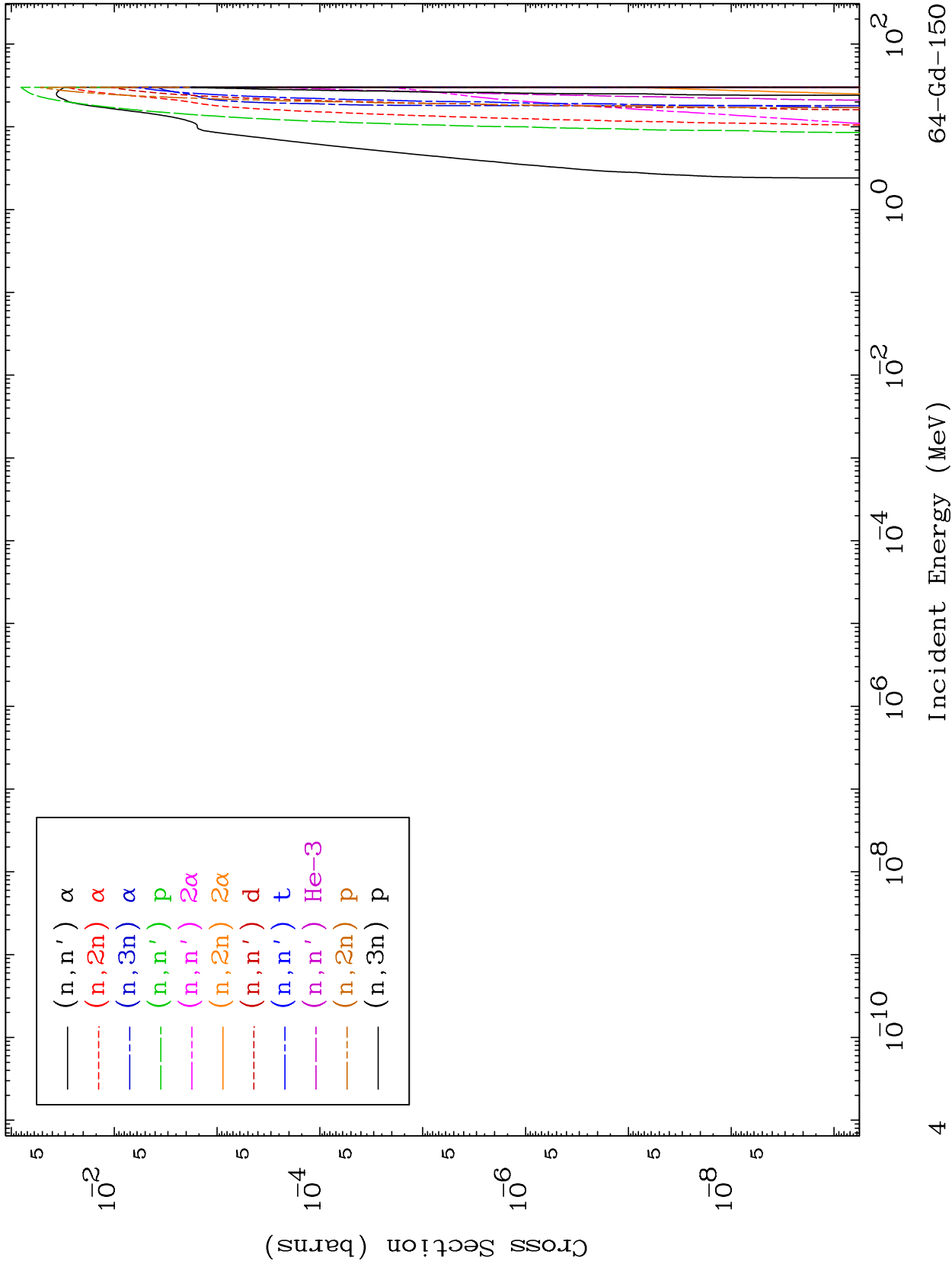
Incident Energy (MeV)

64-Gd-150

MAT 6419

Charged Particle
293 Kelvin Cross Sections

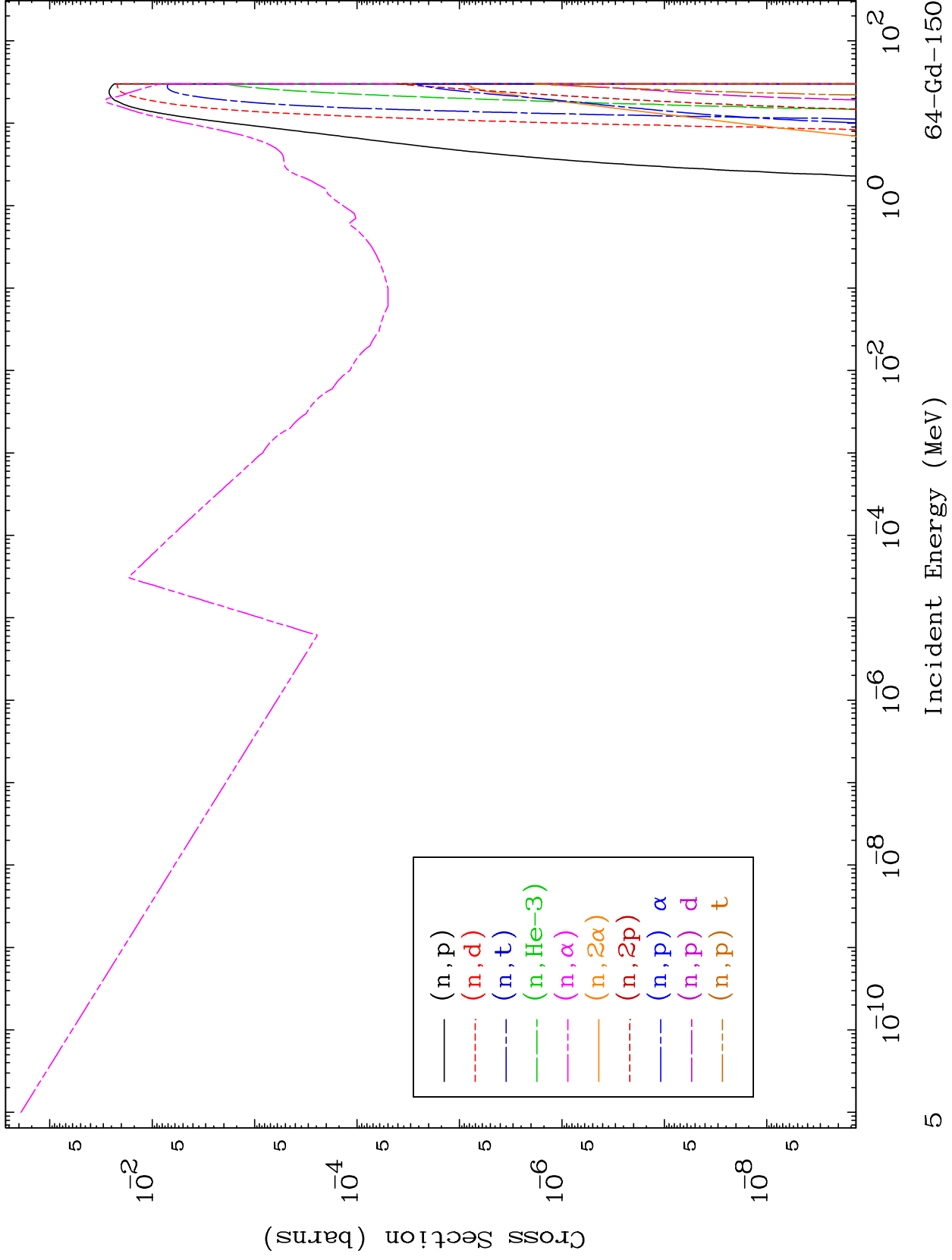
64-Gd-150



MAT 6419

Charged Particle
293 Kelvin Cross Sections

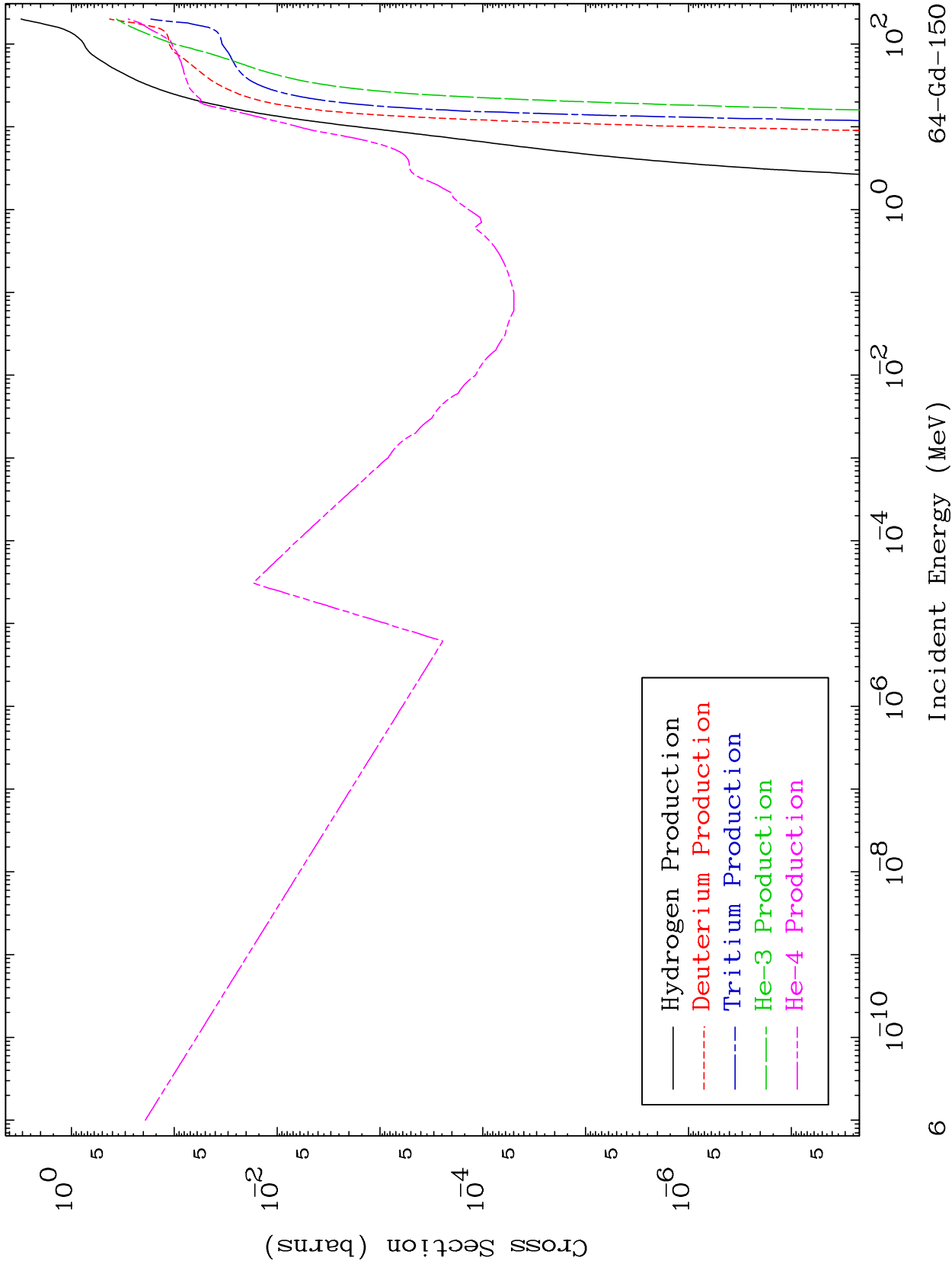
64-Gd-150



MAT 6419

Particle Production
293 Kelvin Cross Sections

64-Gd-150

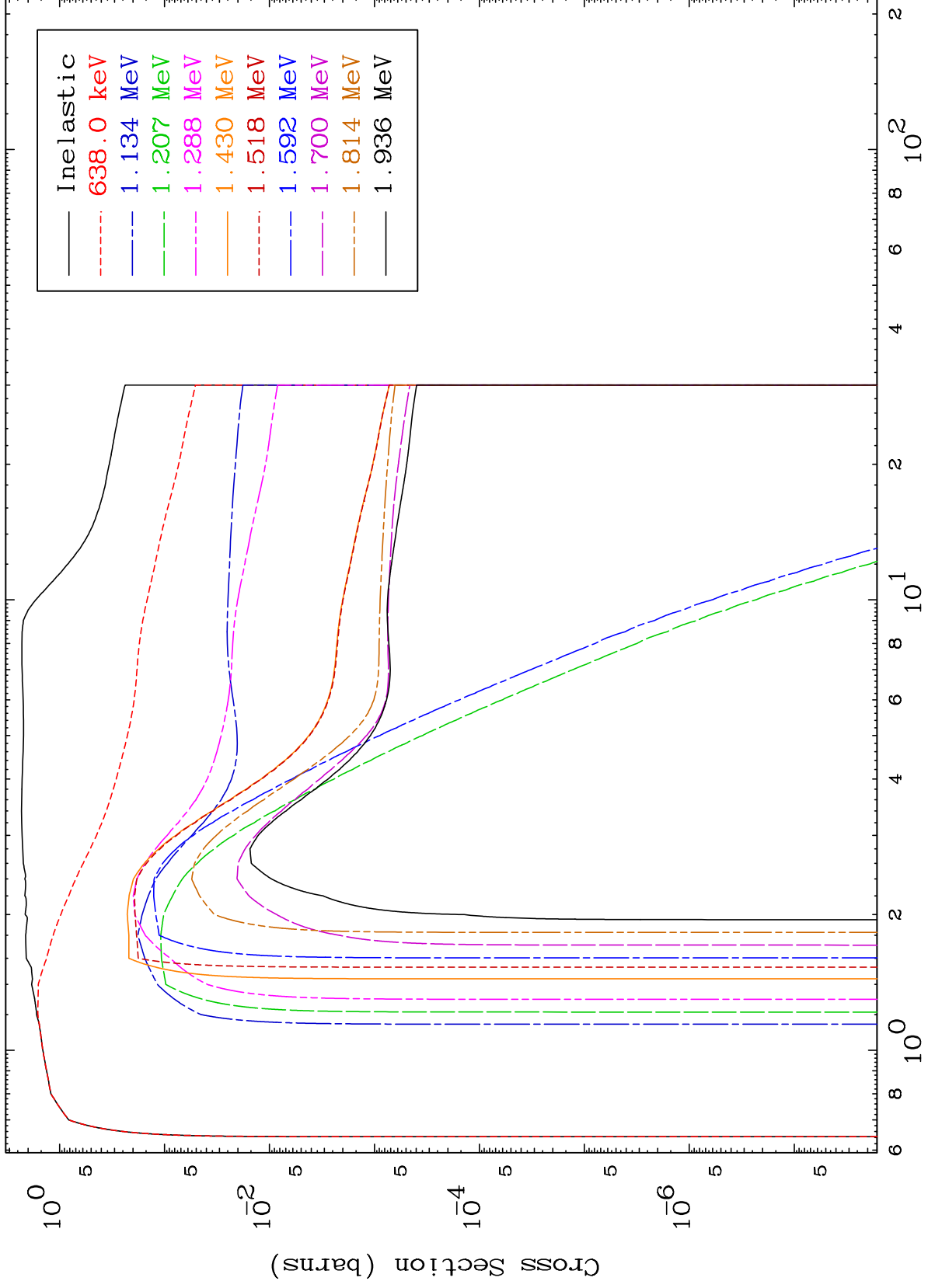


MAT 6419

(n,n') Level

64-Gd-150

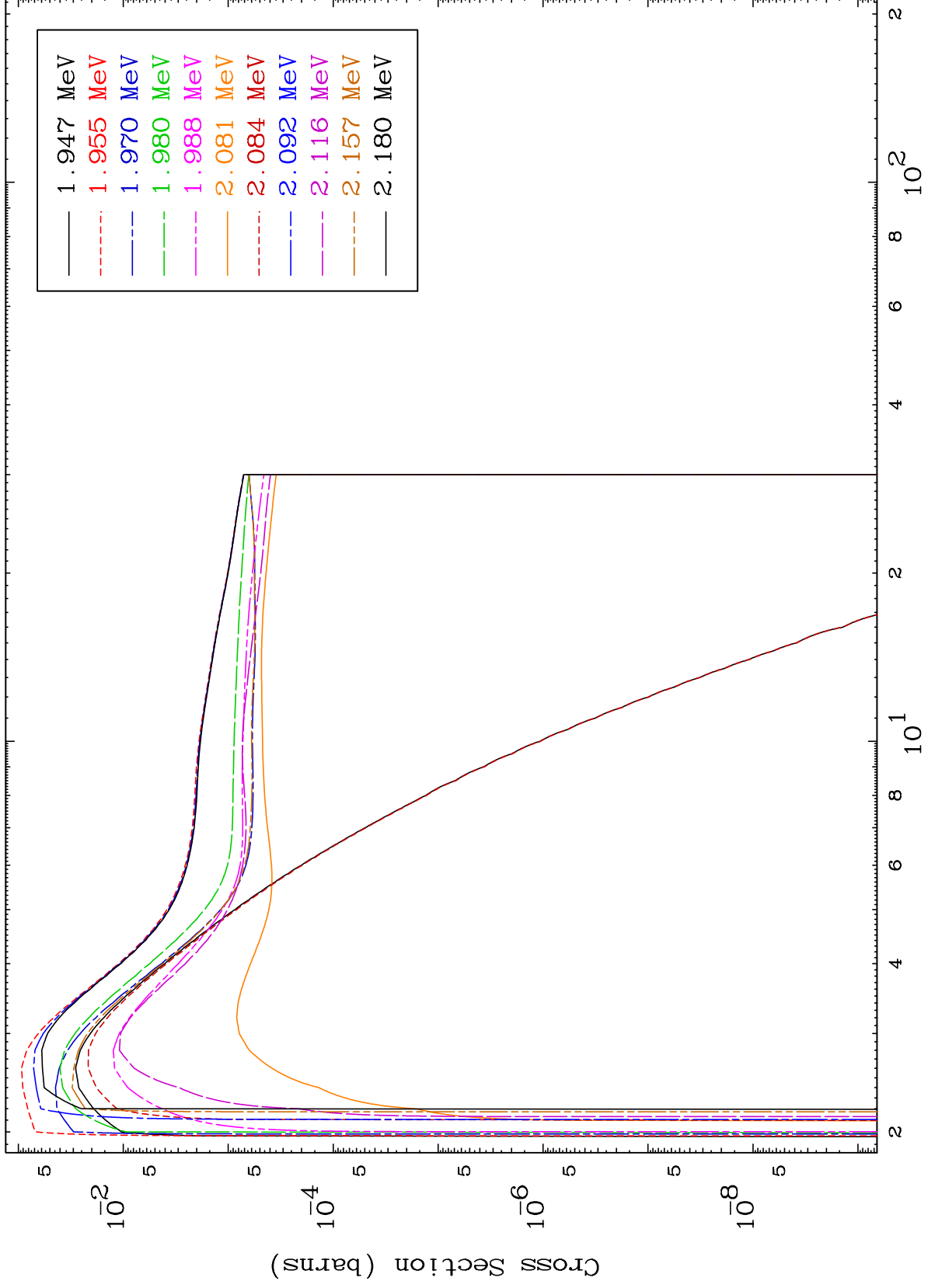
293 Kelvin Cross Sections



MAT 6419

(n,n') Level
293 Kelvin Cross Sections

64-Gd-150



8

Incident Energy (MeV)

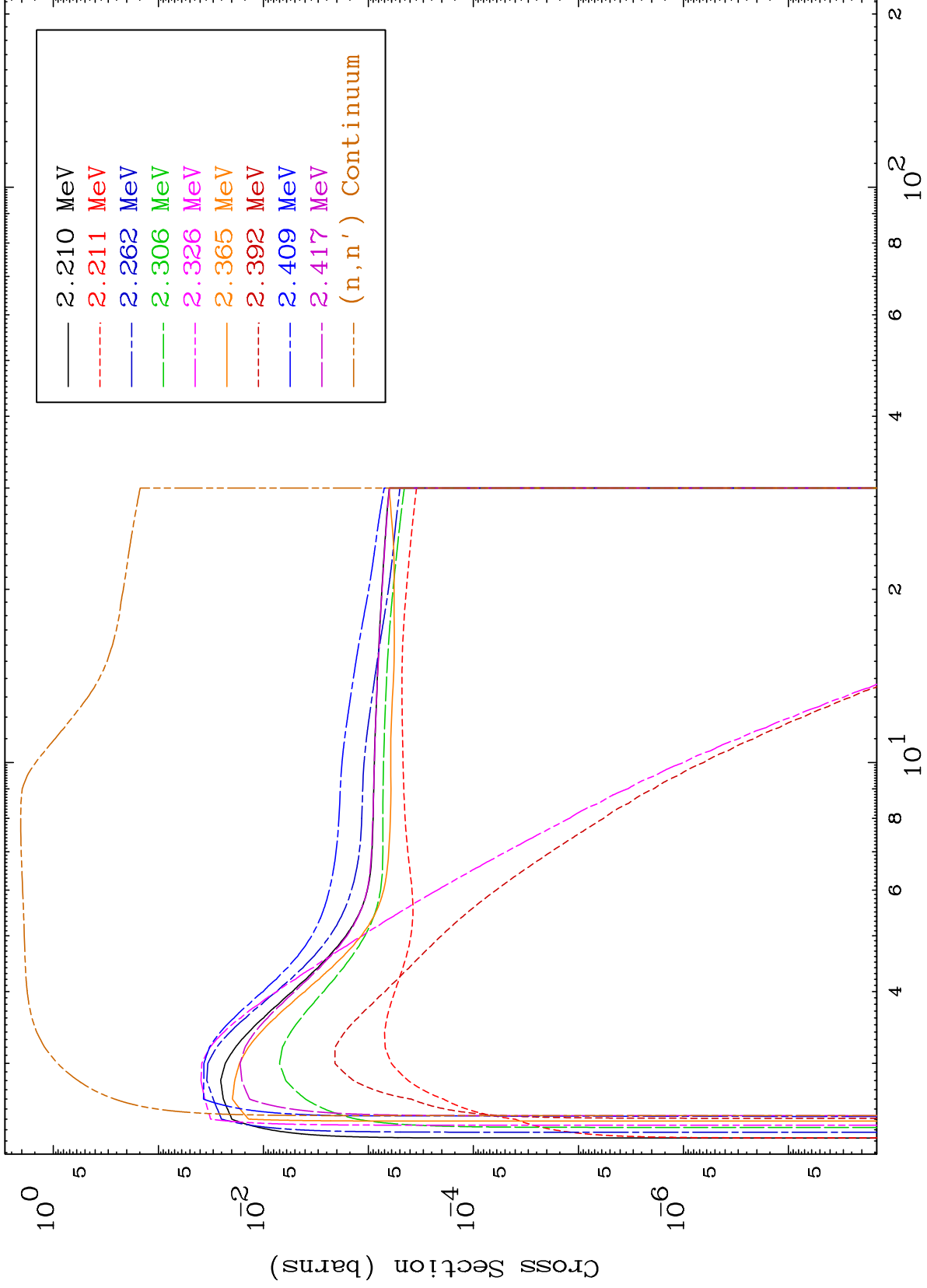
64-Gd-150

MAT 6419

(n,n') Level

64-Gd-150

293 Kelvin Cross Sections



9

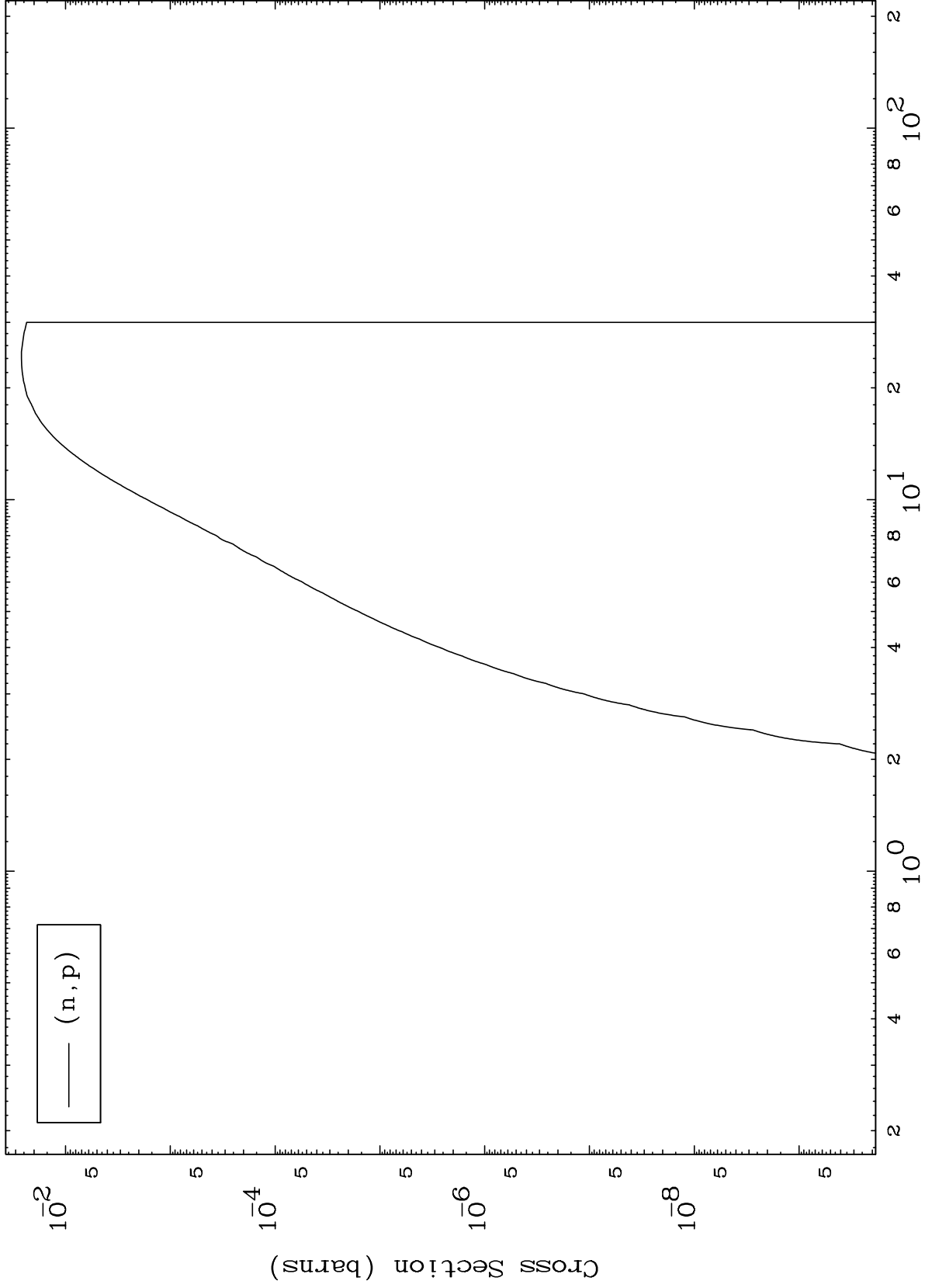
Incident Energy (MeV)

64-Gd-150

MAT 6419

(n,p) Levels
293 Kelvin Cross Sections

64-Gd-150



10

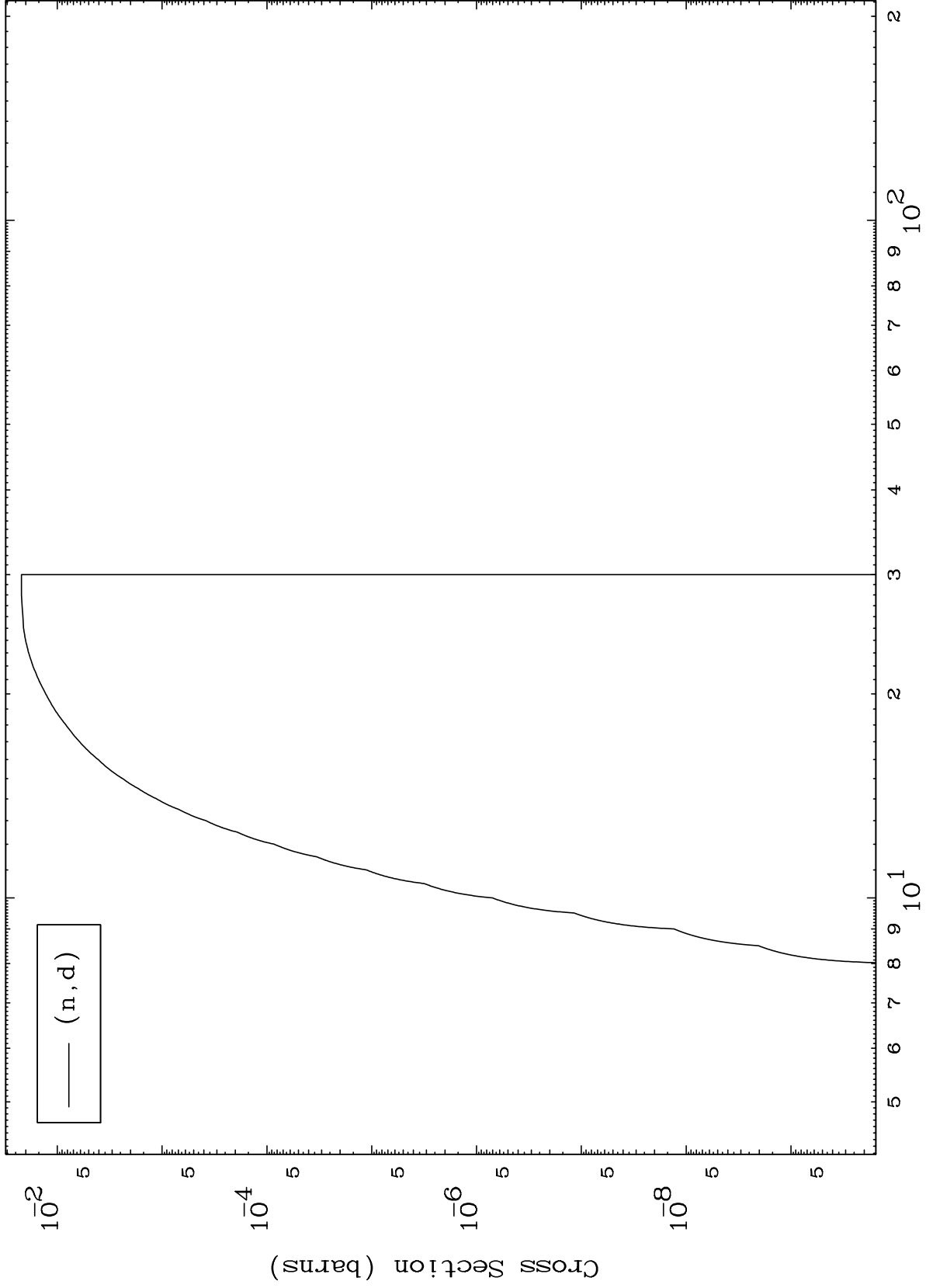
Incident Energy (MeV)

64-Gd-150

MAT 6419

(n,d) Levels
293 Kelvin Cross Sections

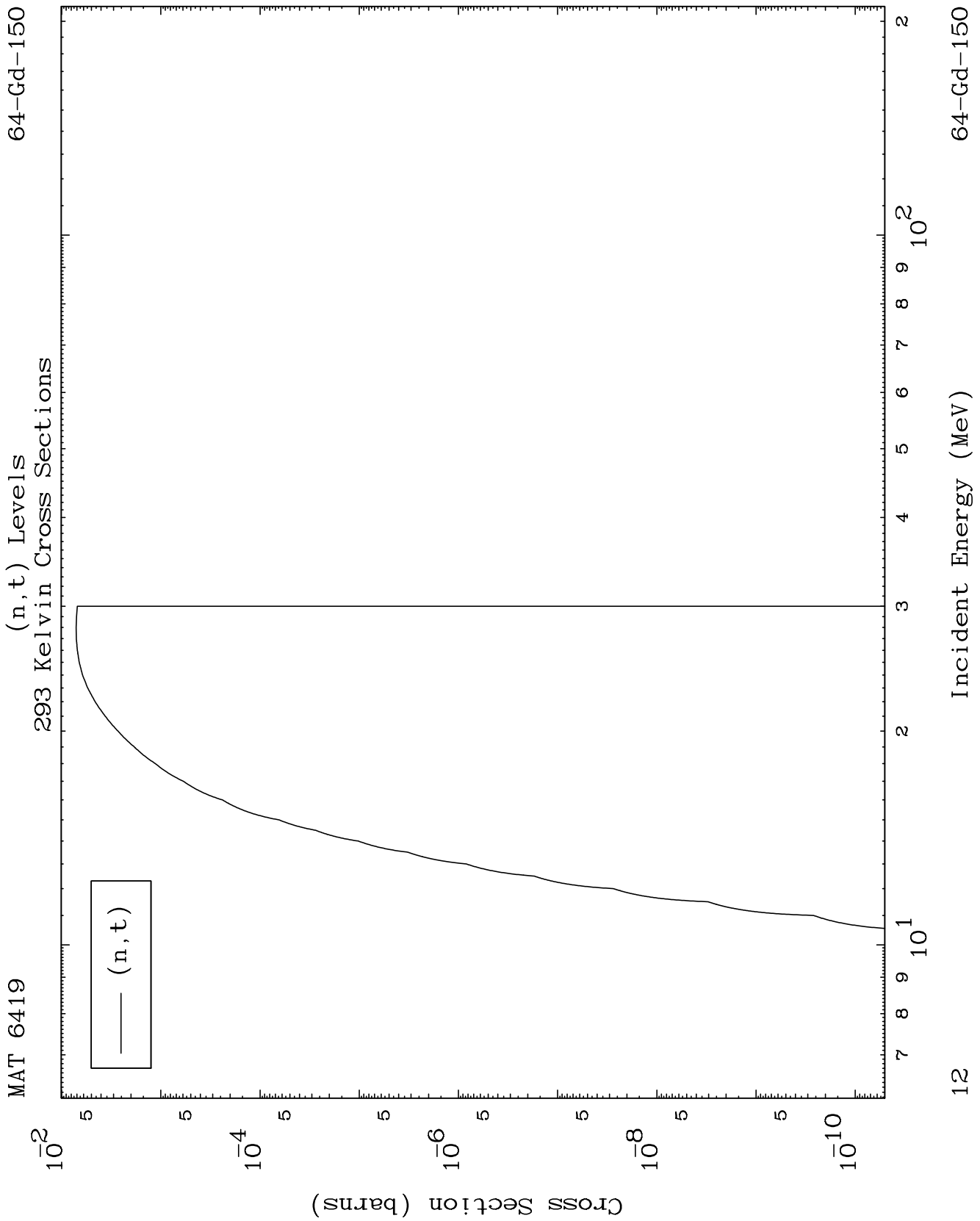
64-Gd-150



11

Incident Energy (MeV)

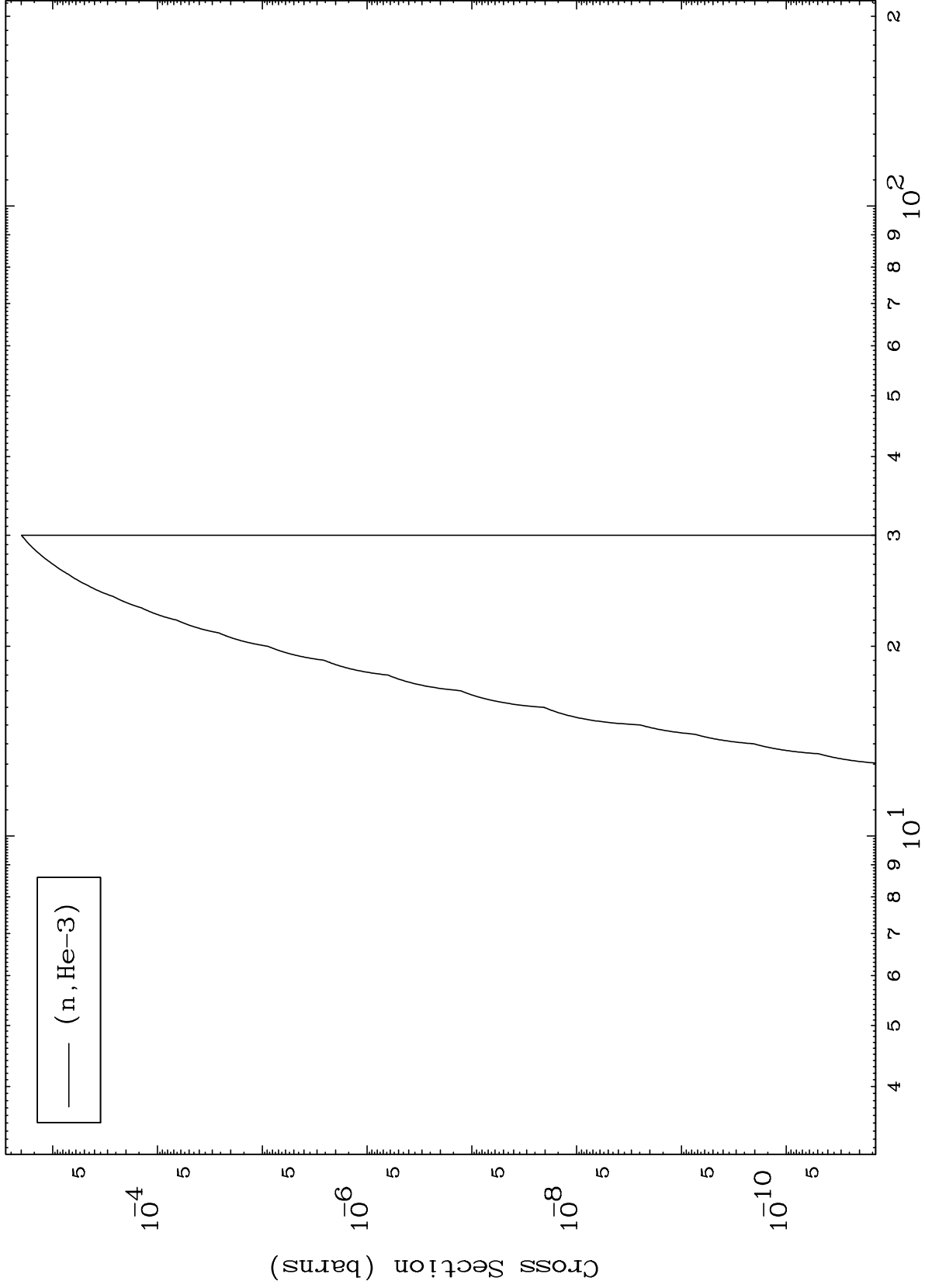
64-Gd-150



MAT 6419

(n,He3) Levels
293 Kelvin Cross Sections

64-Gd-150



13

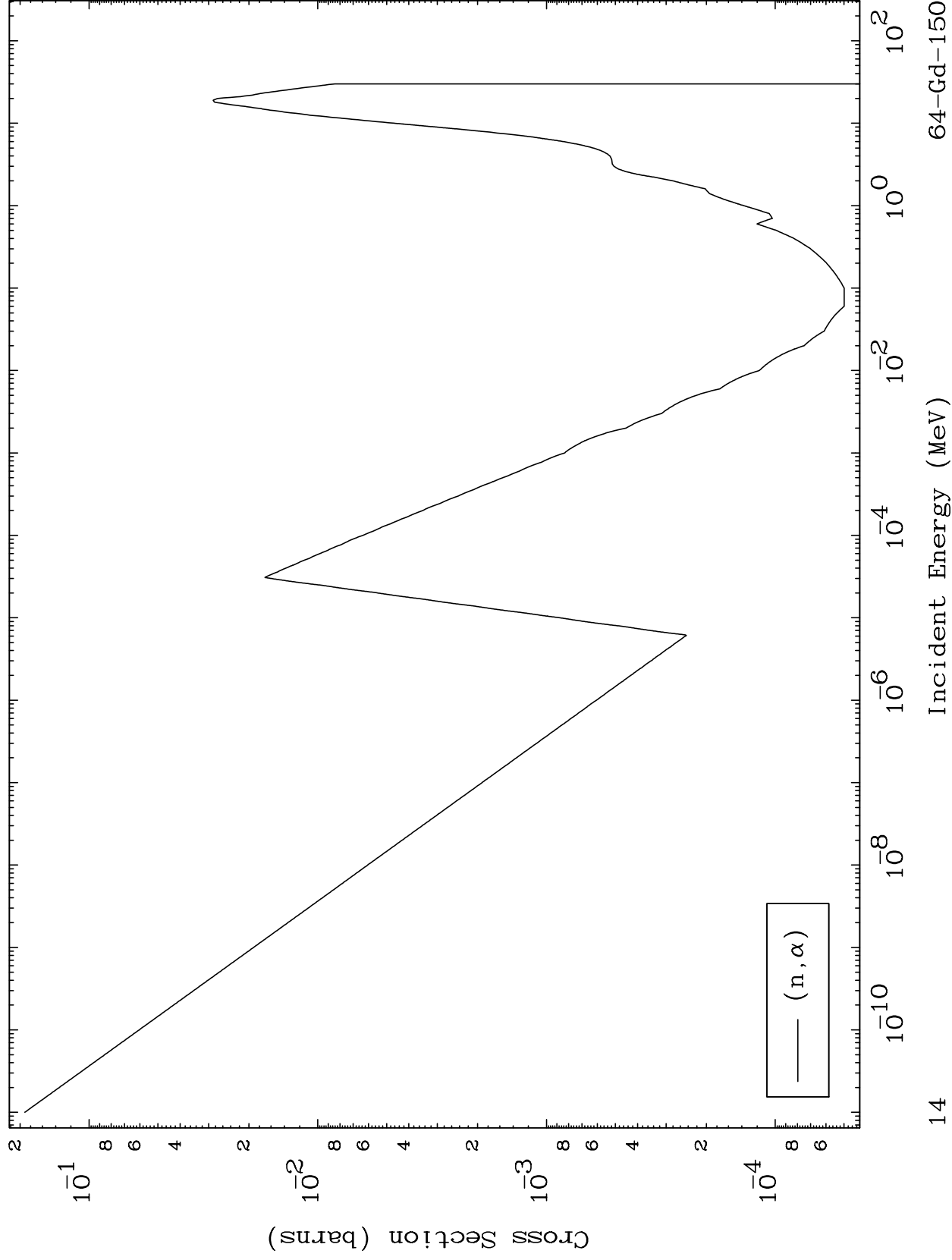
Incident Energy (MeV)

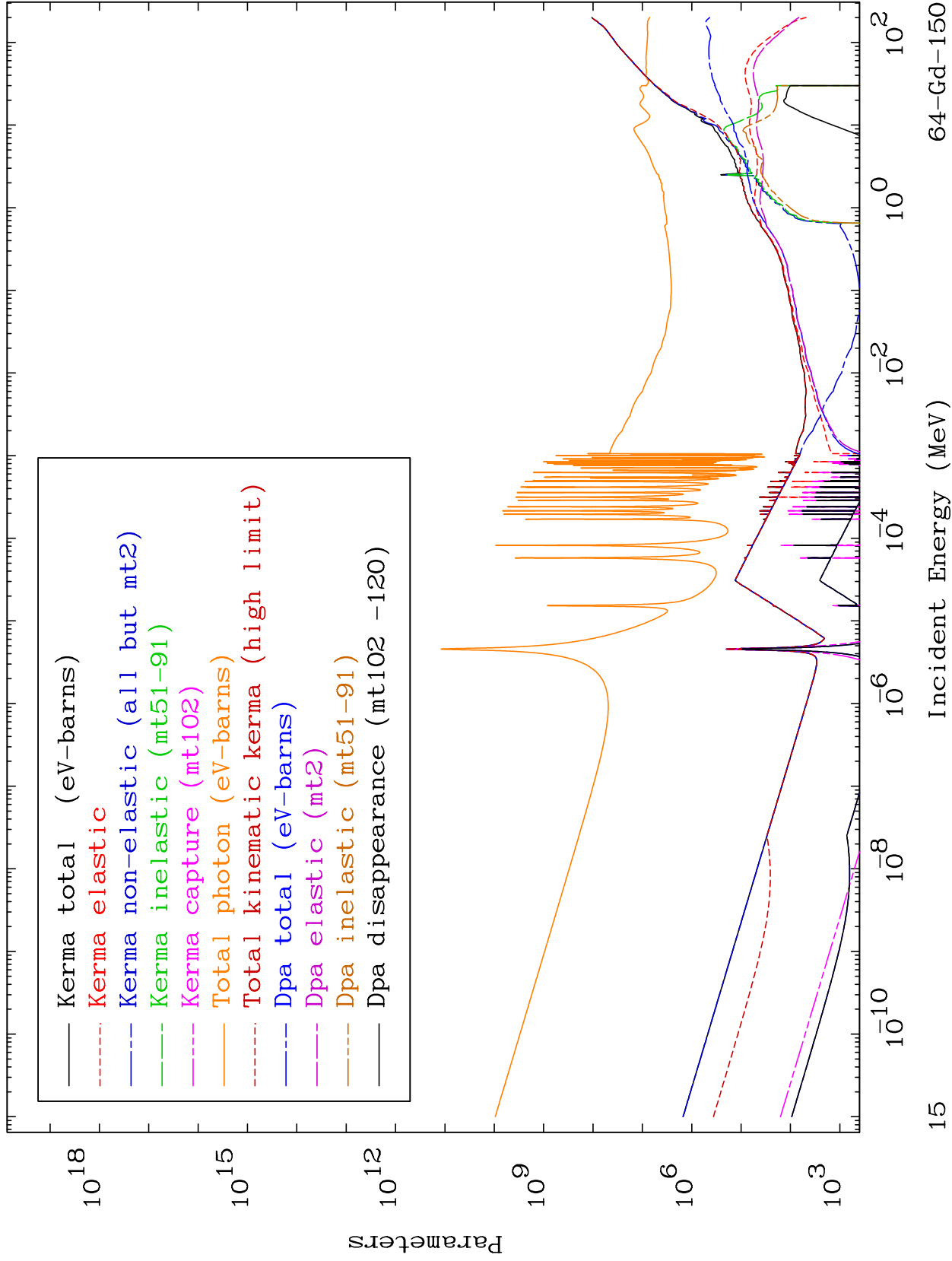
64-Gd-150

MAT 6419

(n, α) Levels
293 Kelvin Cross Sections

64-Gd-150

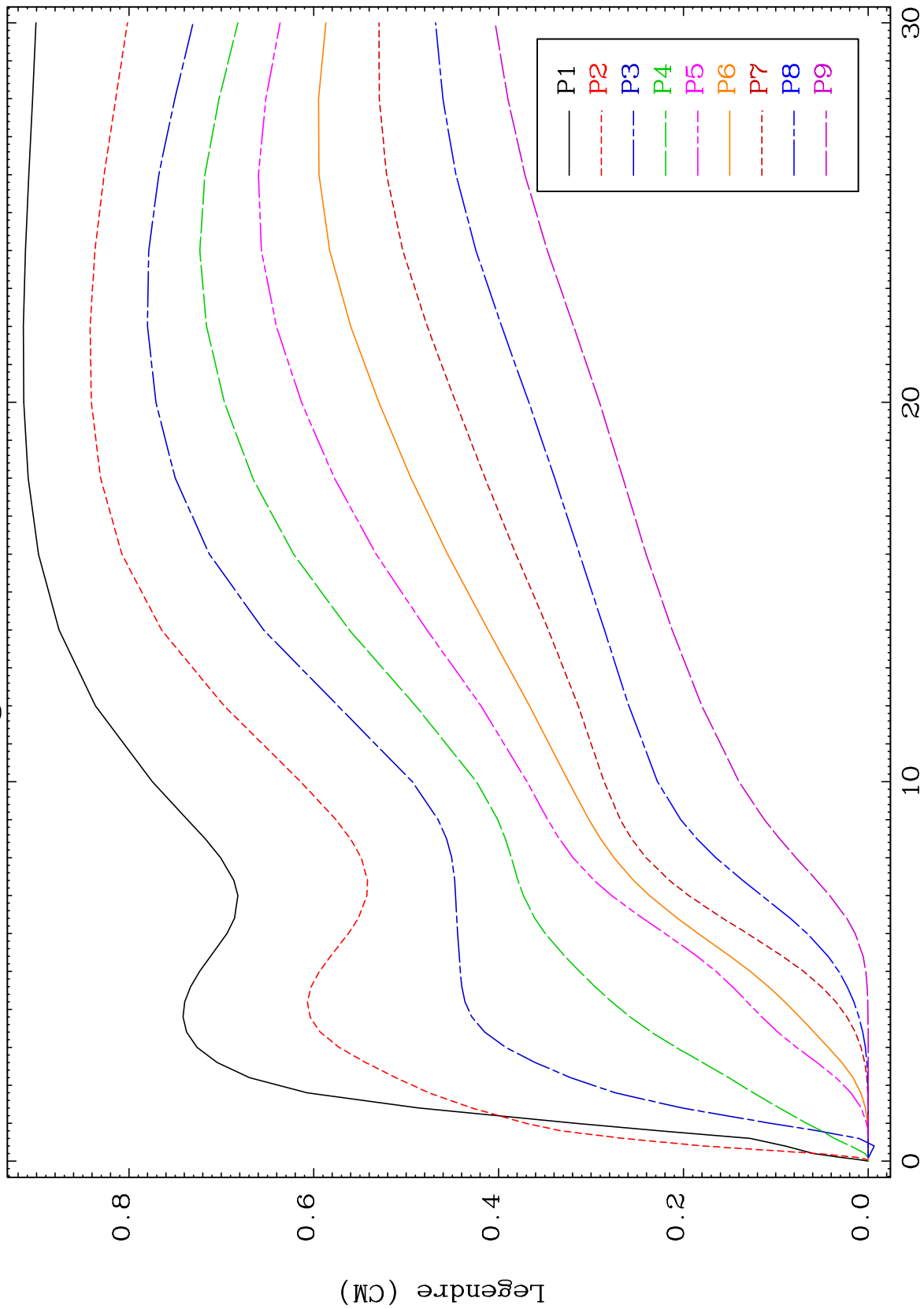




MAT 6419

Elastic Legendre Coefficients

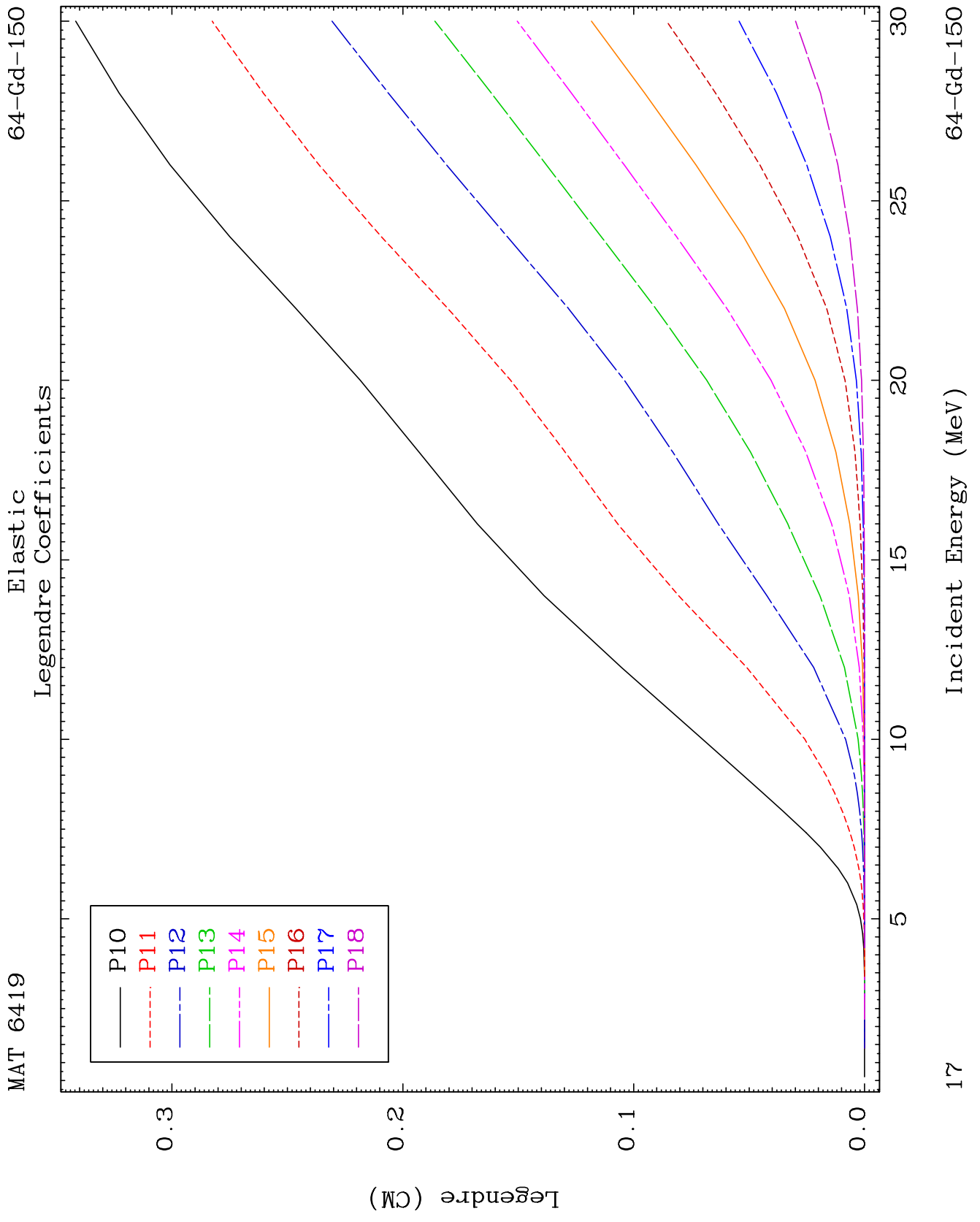
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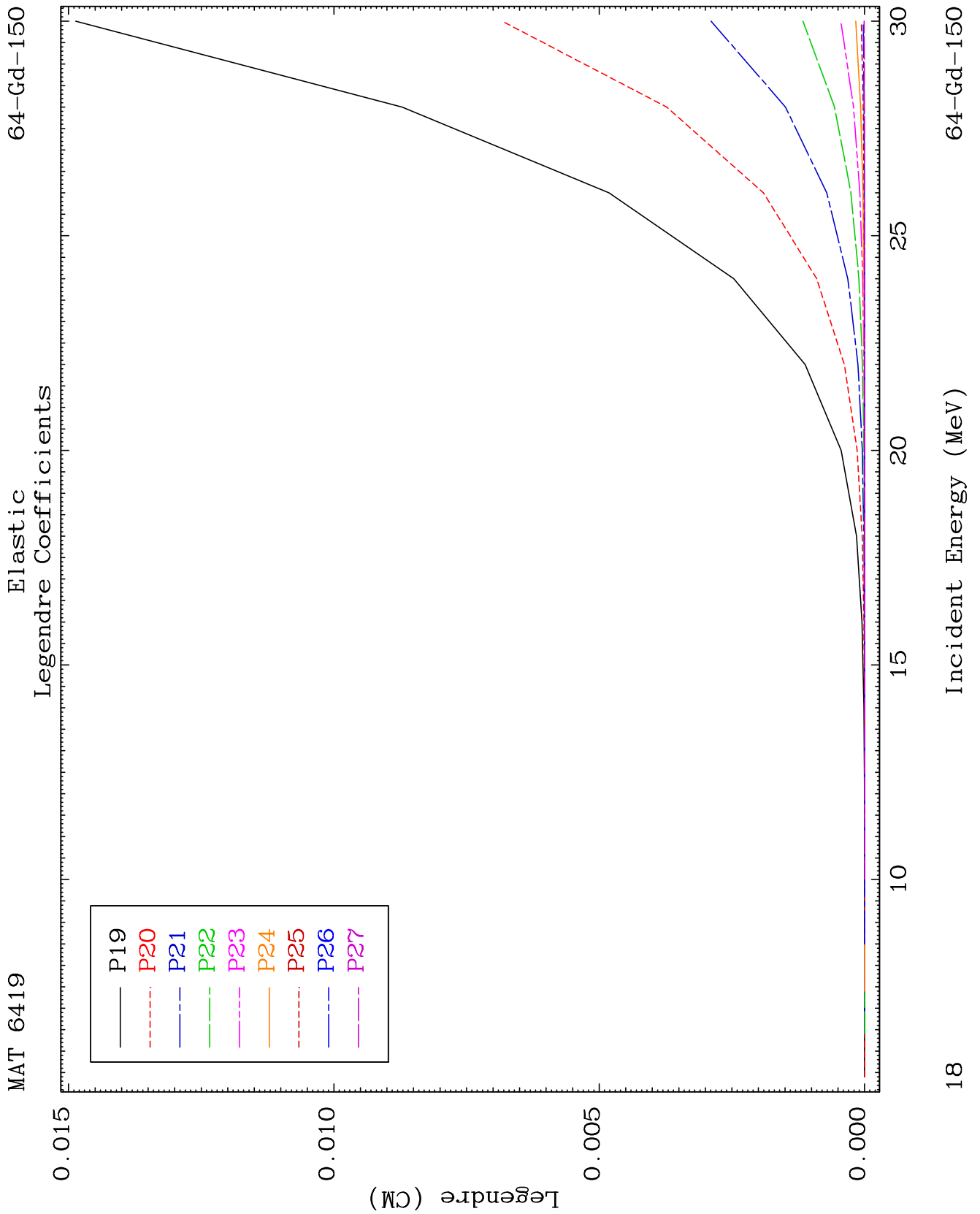


16

Incident Energy (MeV)

64-Gd-150

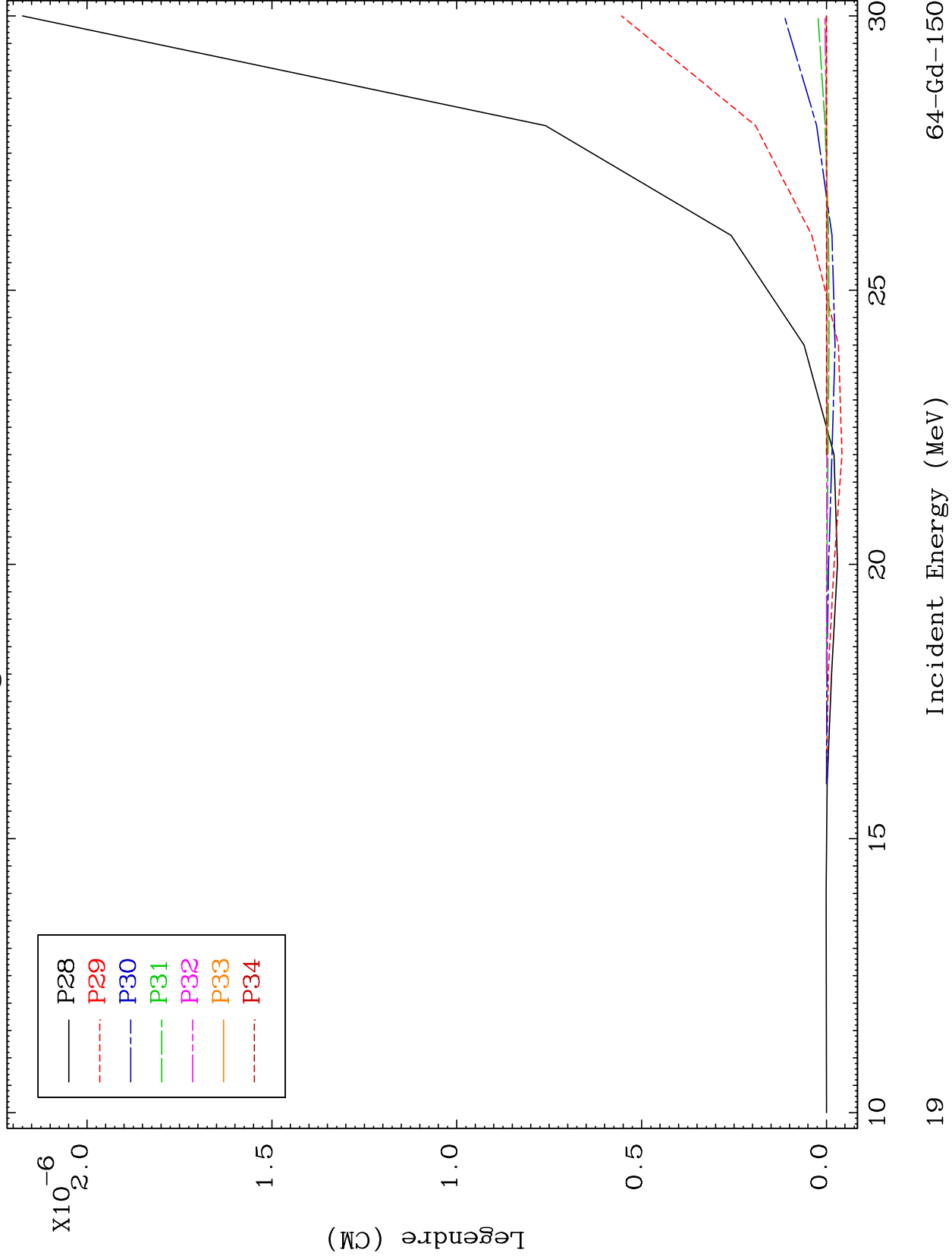




MAT 6419

Elastic
Legendre Coefficients

64-Gd-150



19

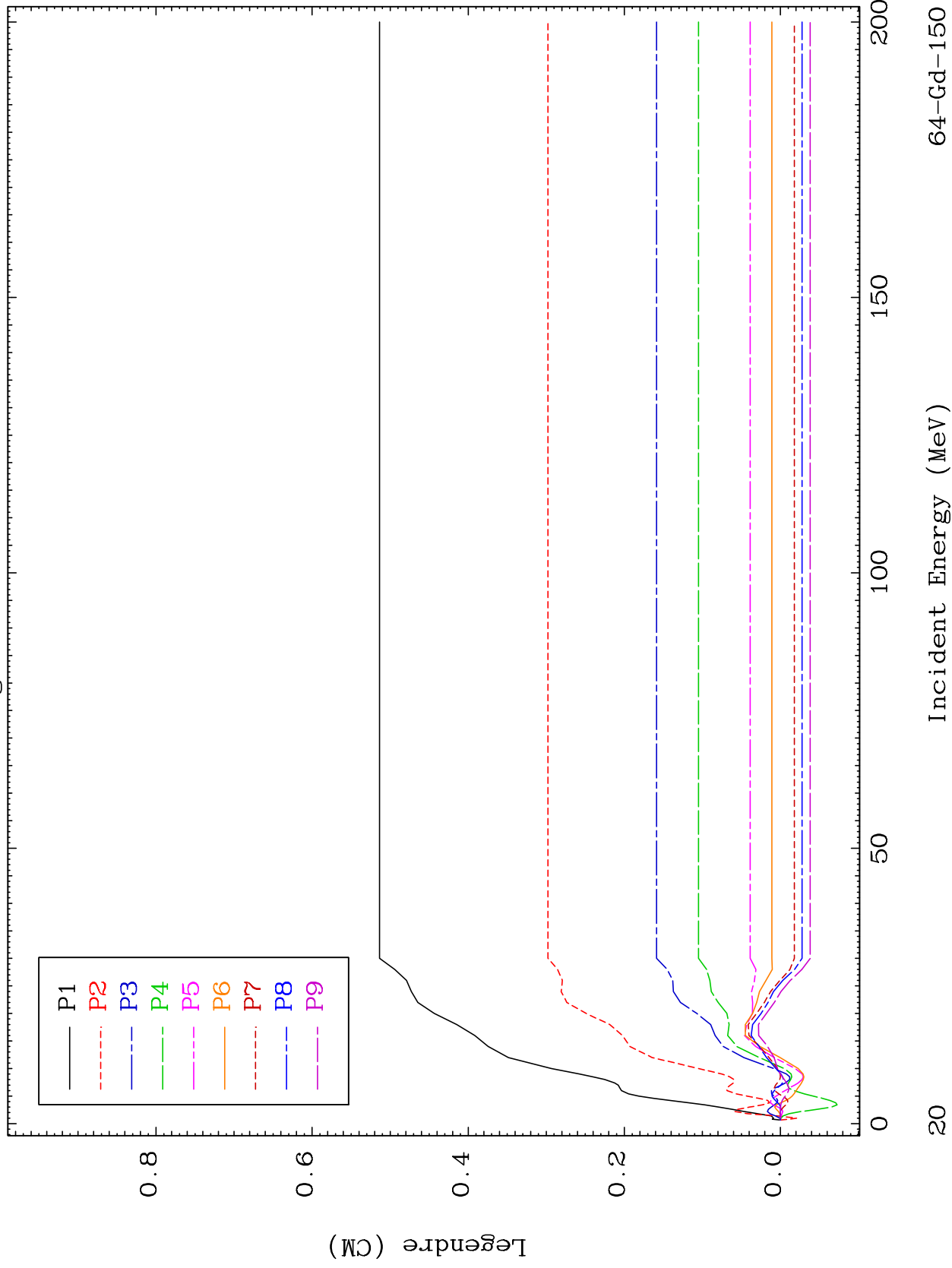
Incident Energy (MeV)

64-Gd-150

MAT 6419

638.0 keV (n,n') Level
Legendre Coefficients

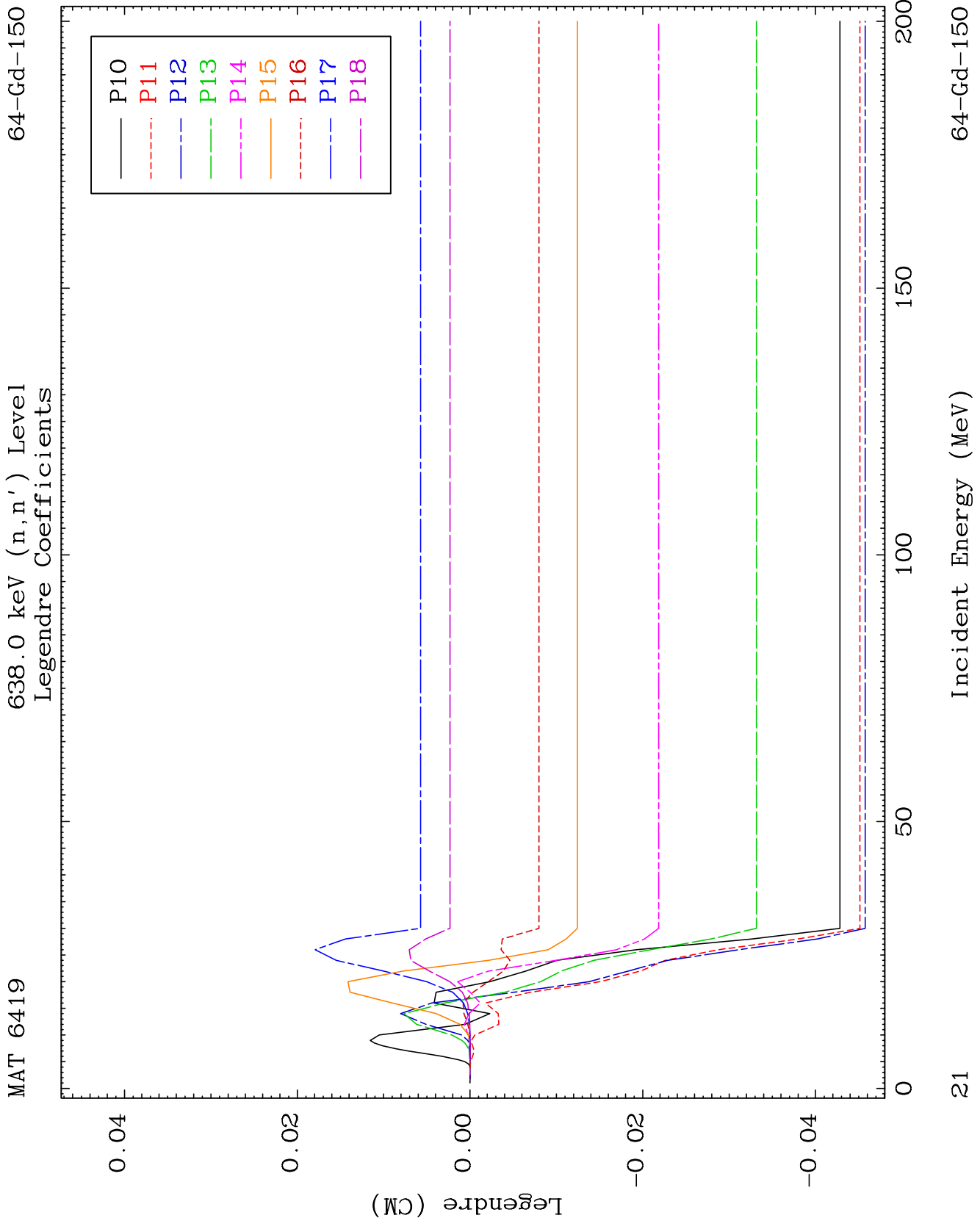
64-Gd-150



64-Gd-150

Incident Energy (MeV)

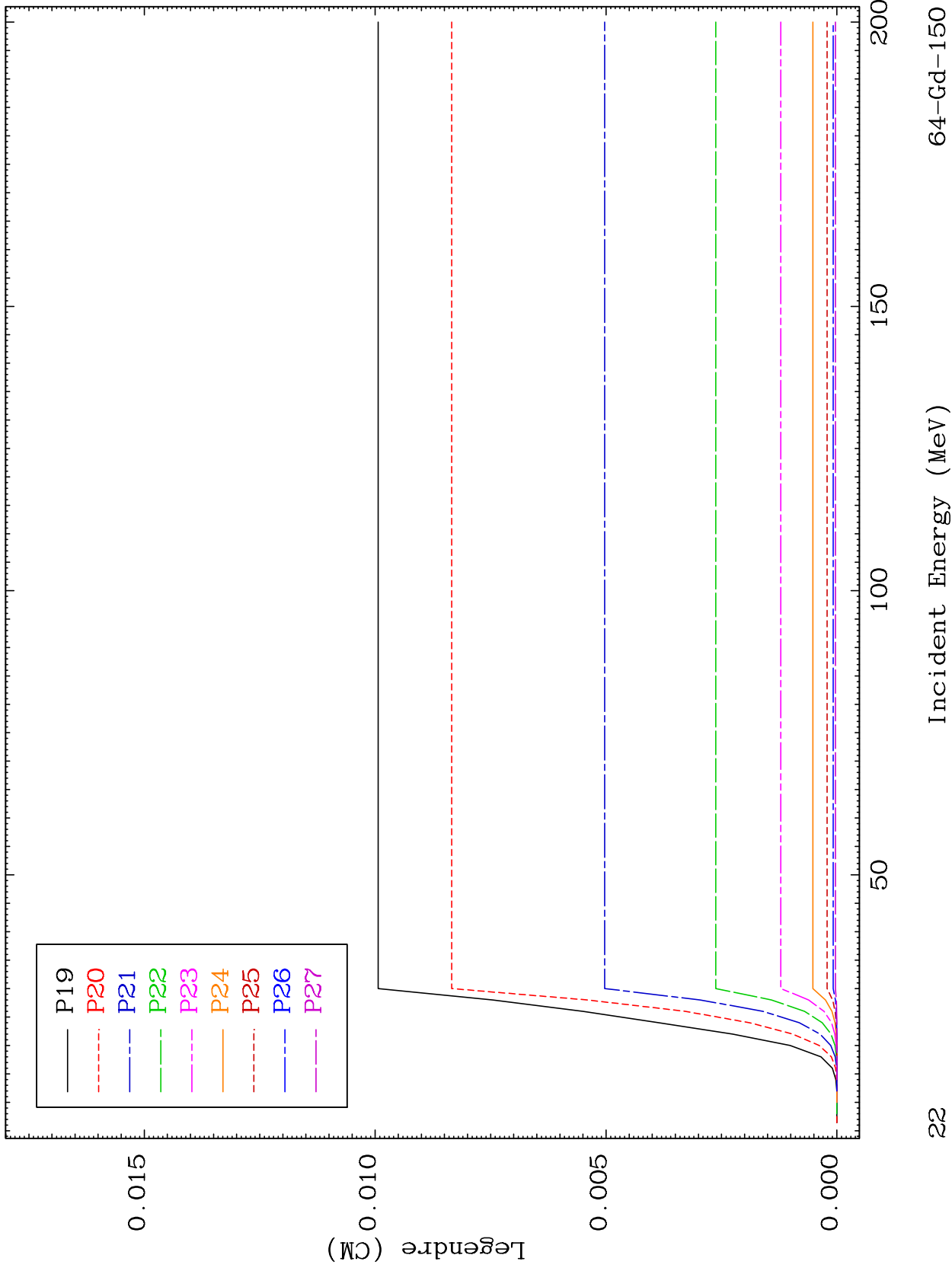
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MAT 6419

638.0 keV (n,n') Level
Legendre Coefficients

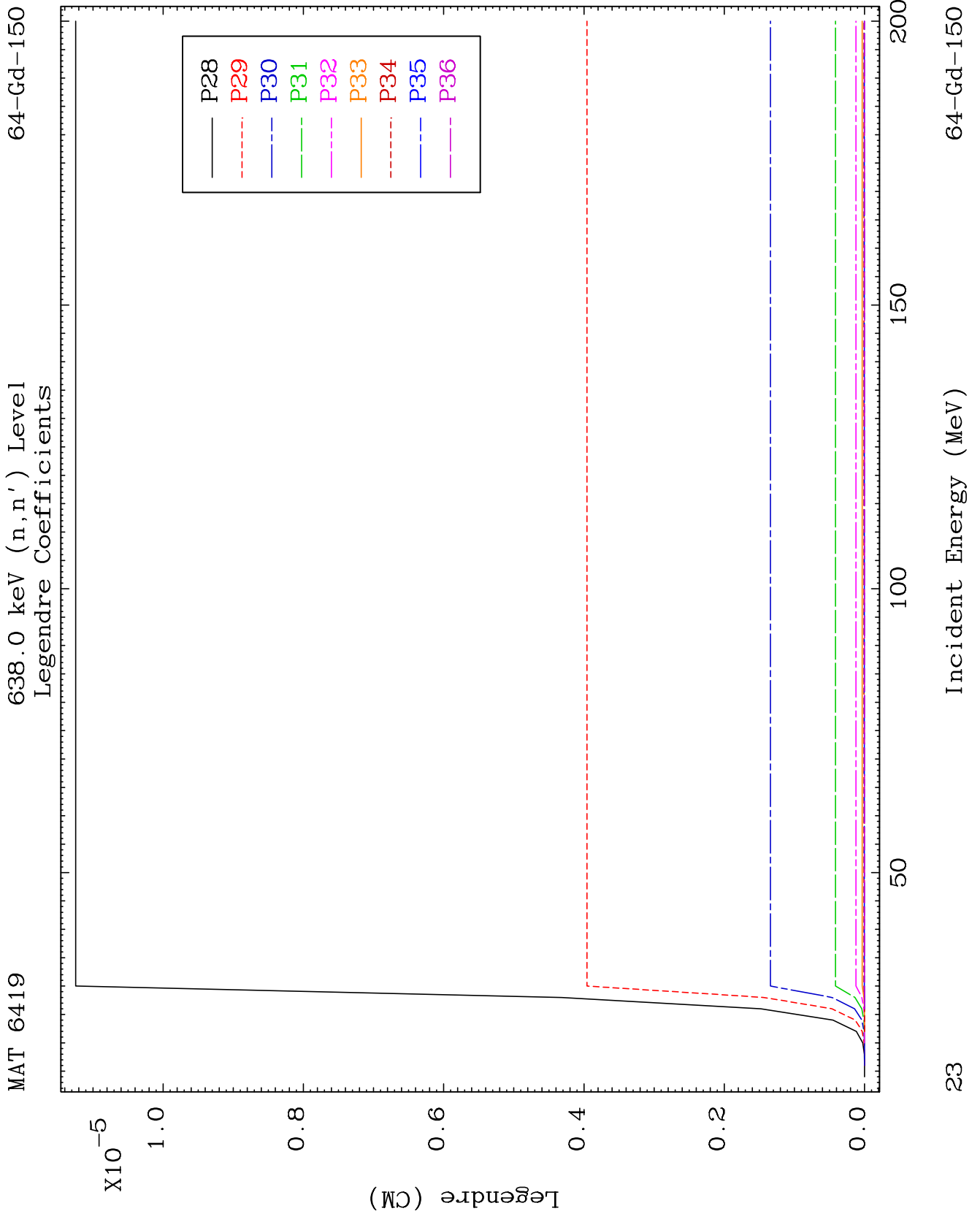
64-Gd-150



22

Incident Energy (MeV)

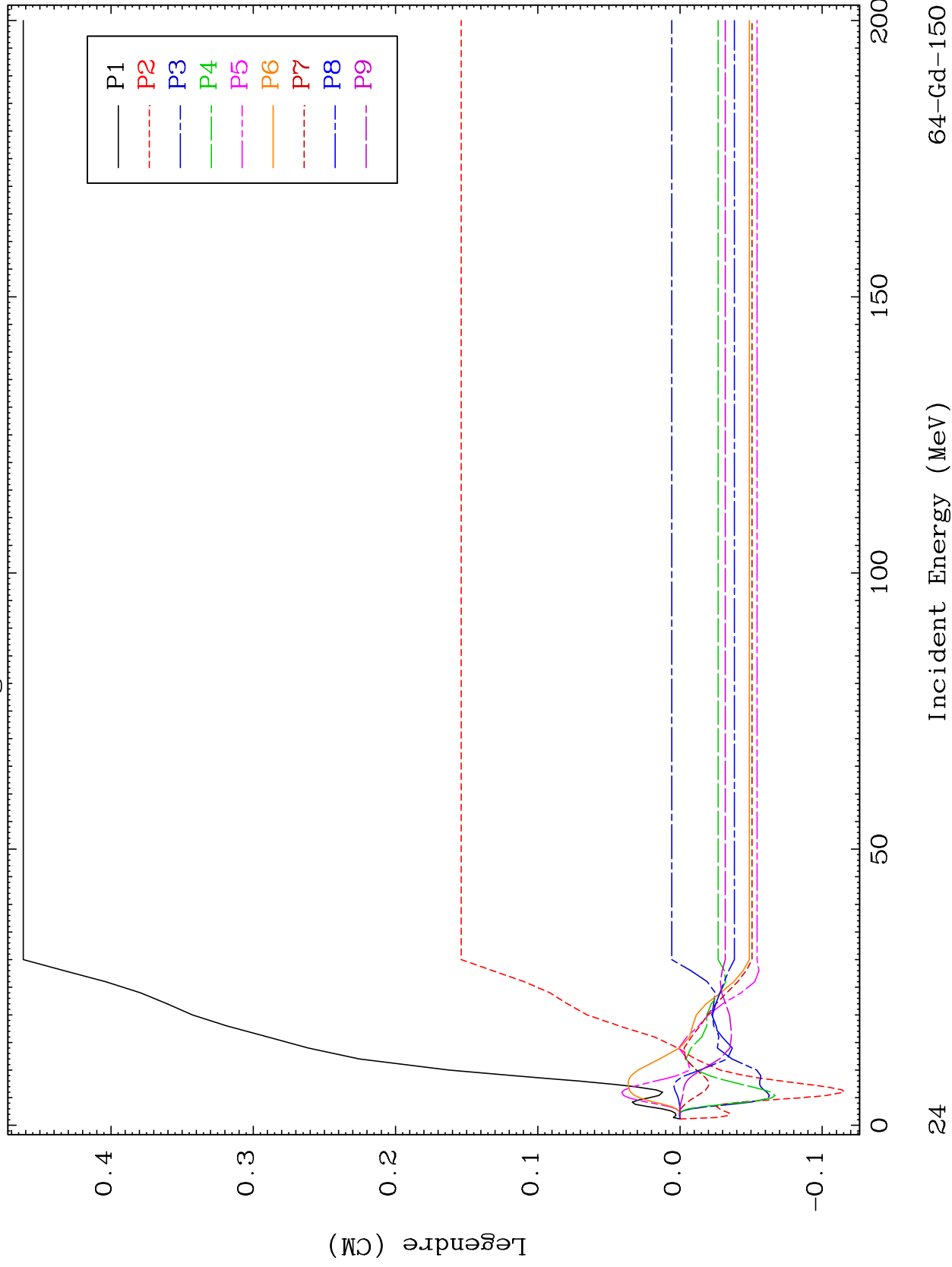
64-Gd-150



MAT 6419

1.134 MeV (n,n') Level
Legendre Coefficients

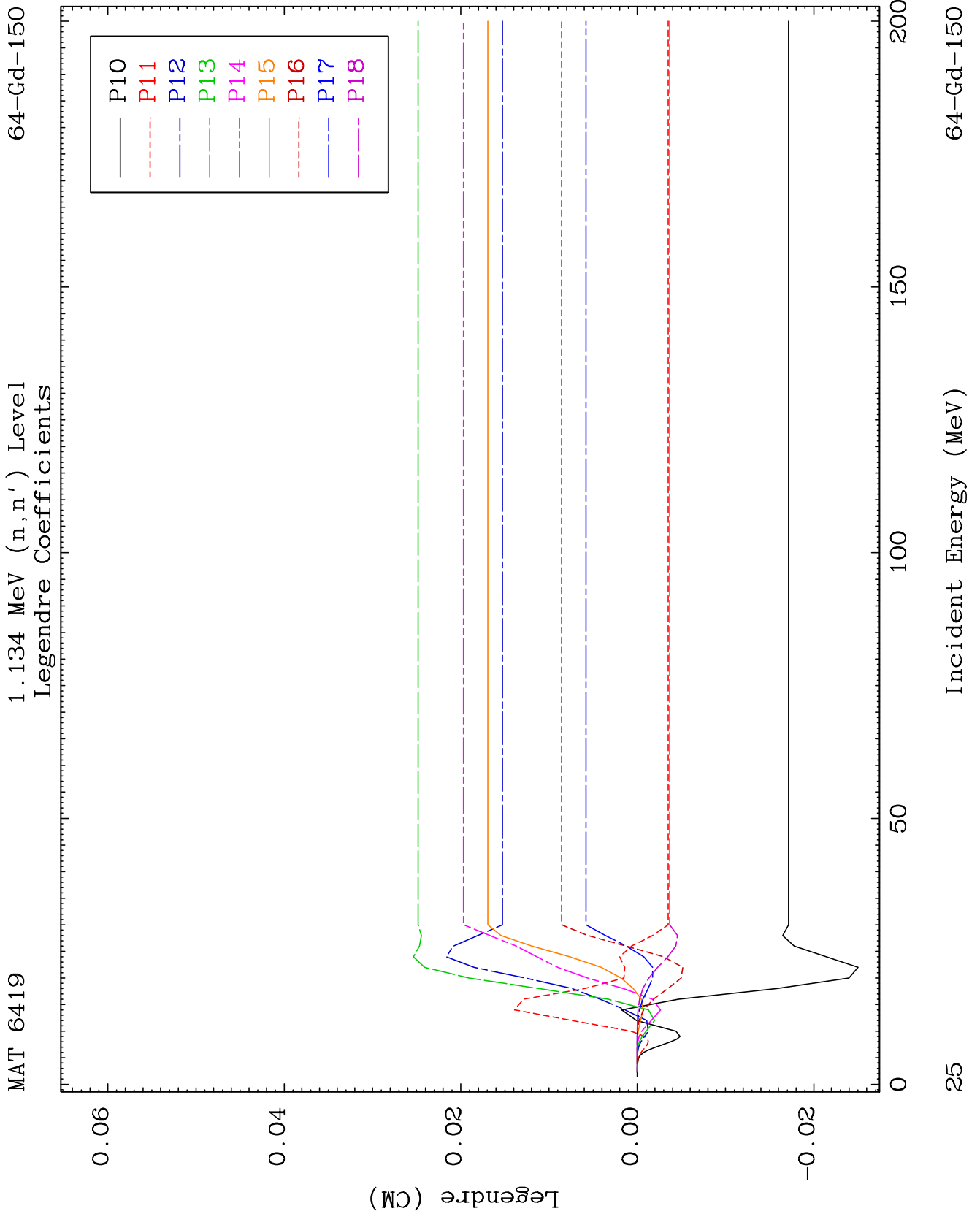
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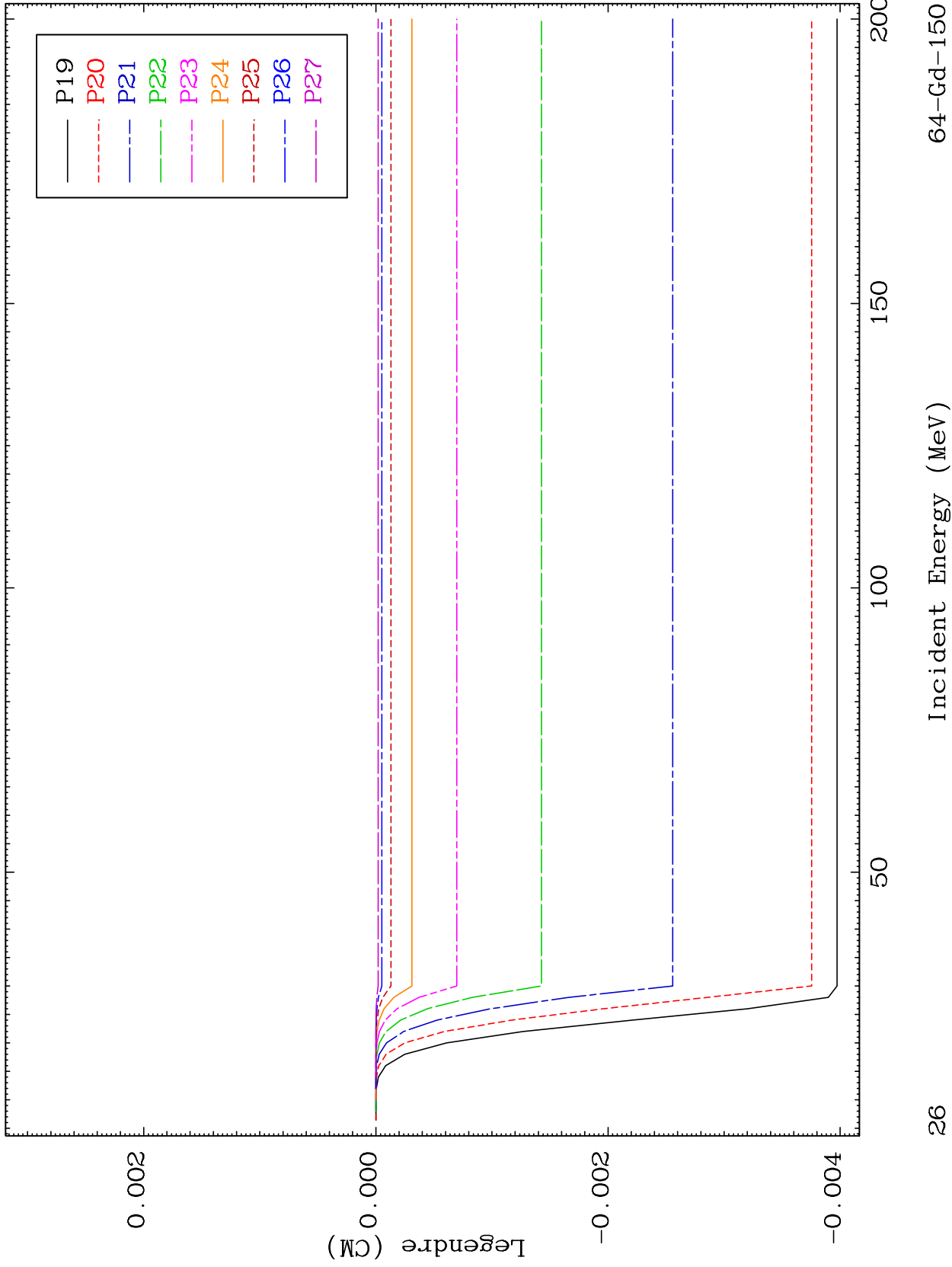


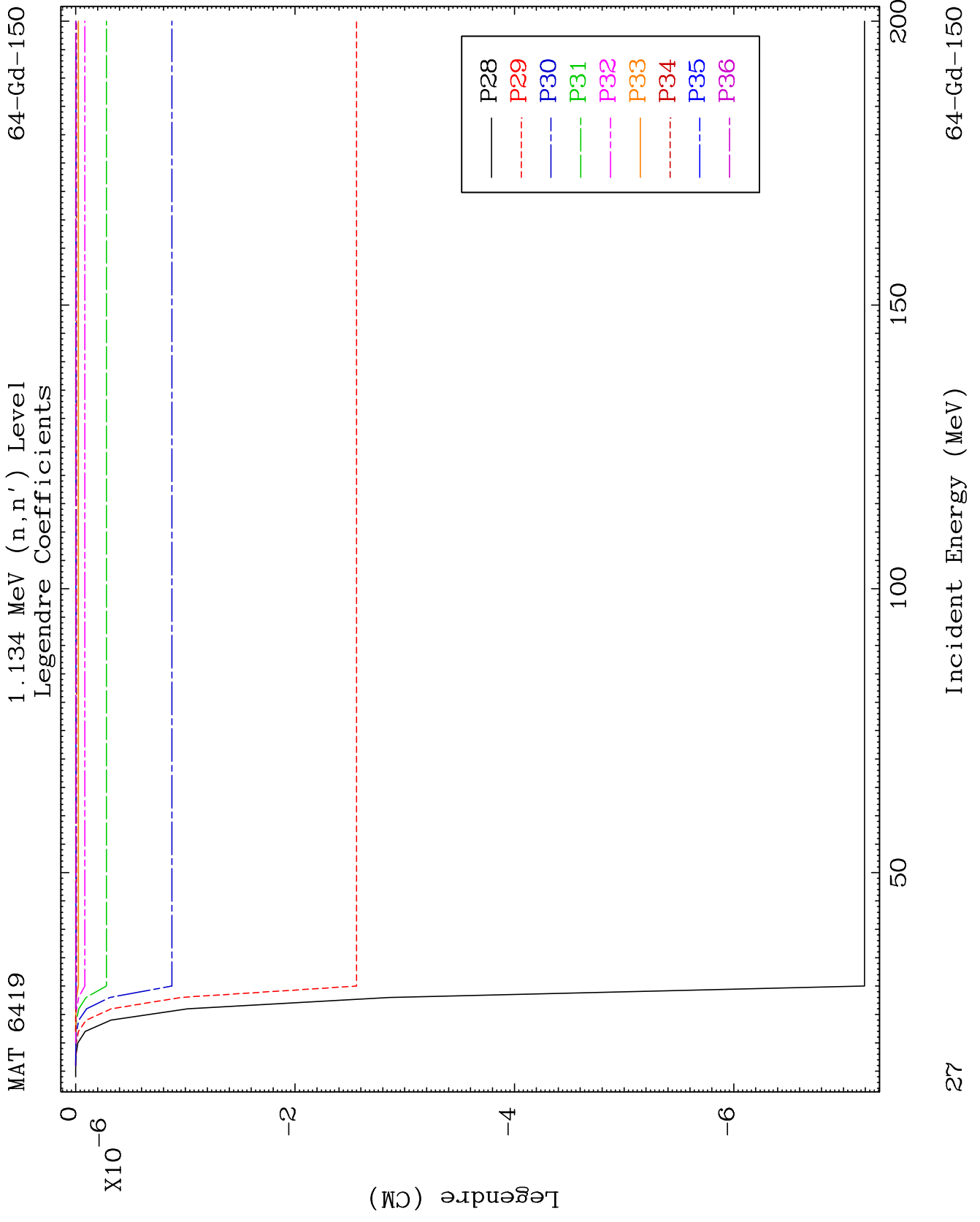
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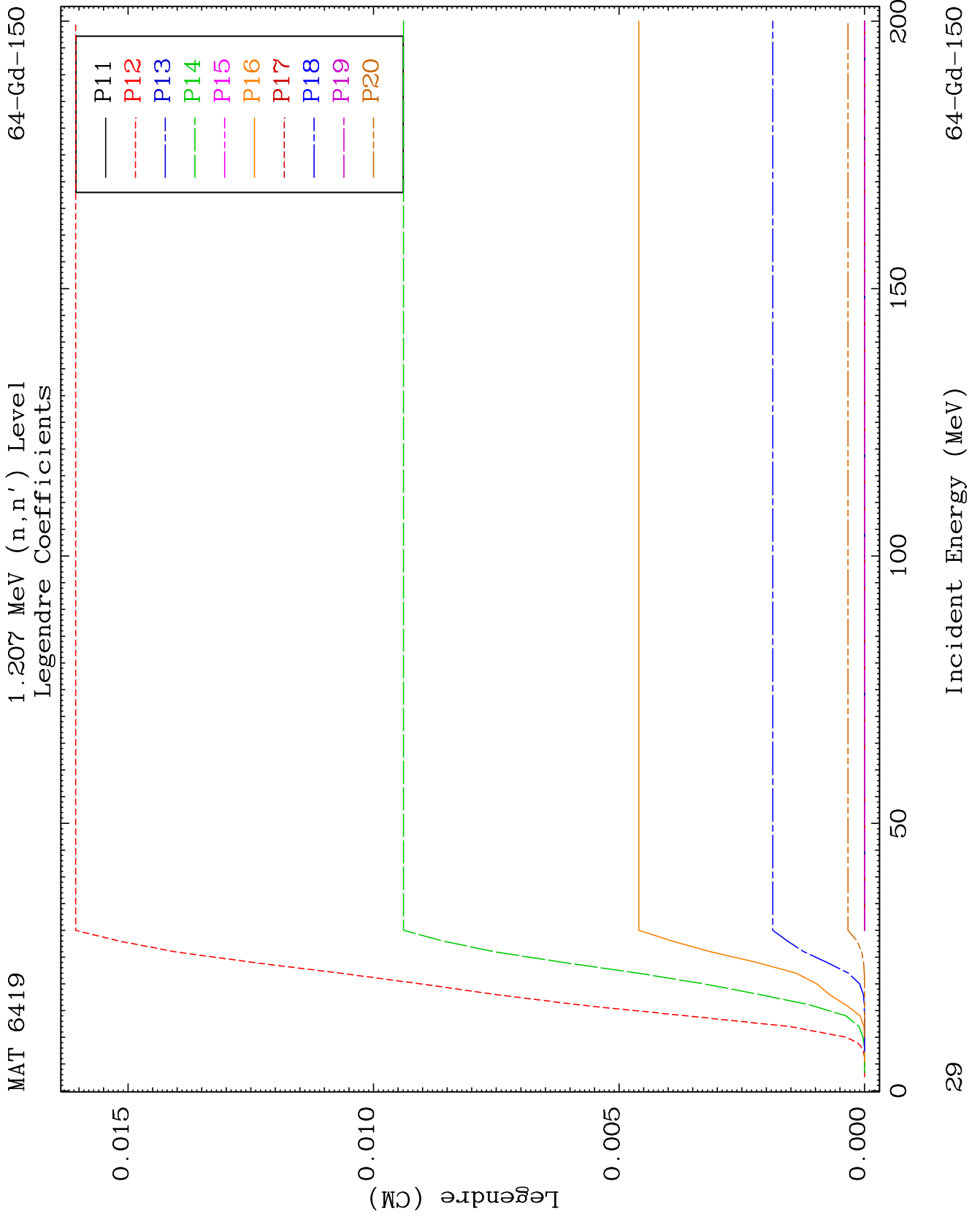
Incident Energy (MeV)

24





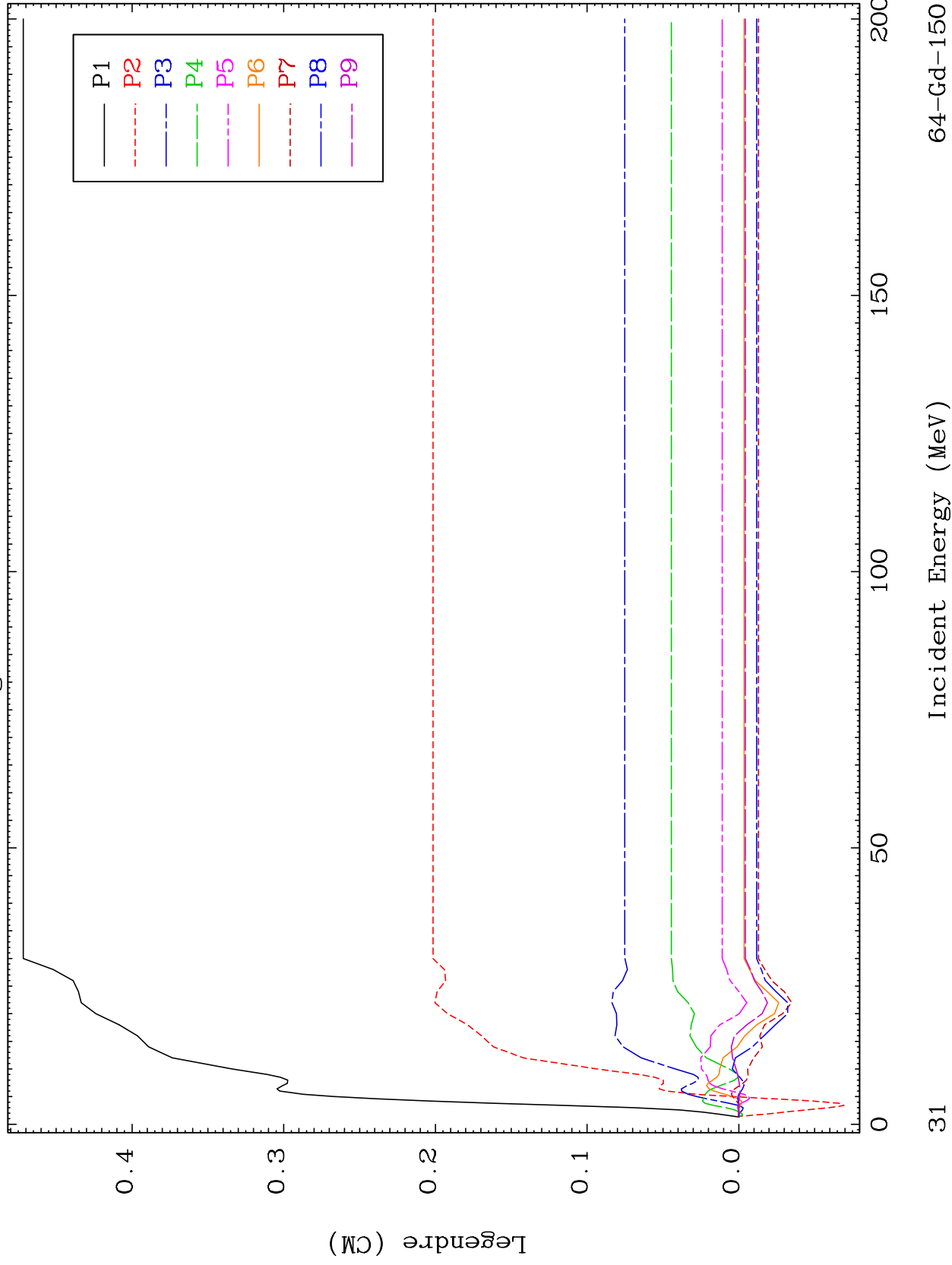




MAT 6419

1.288 MeV (n,n') Level
Legendre Coefficients

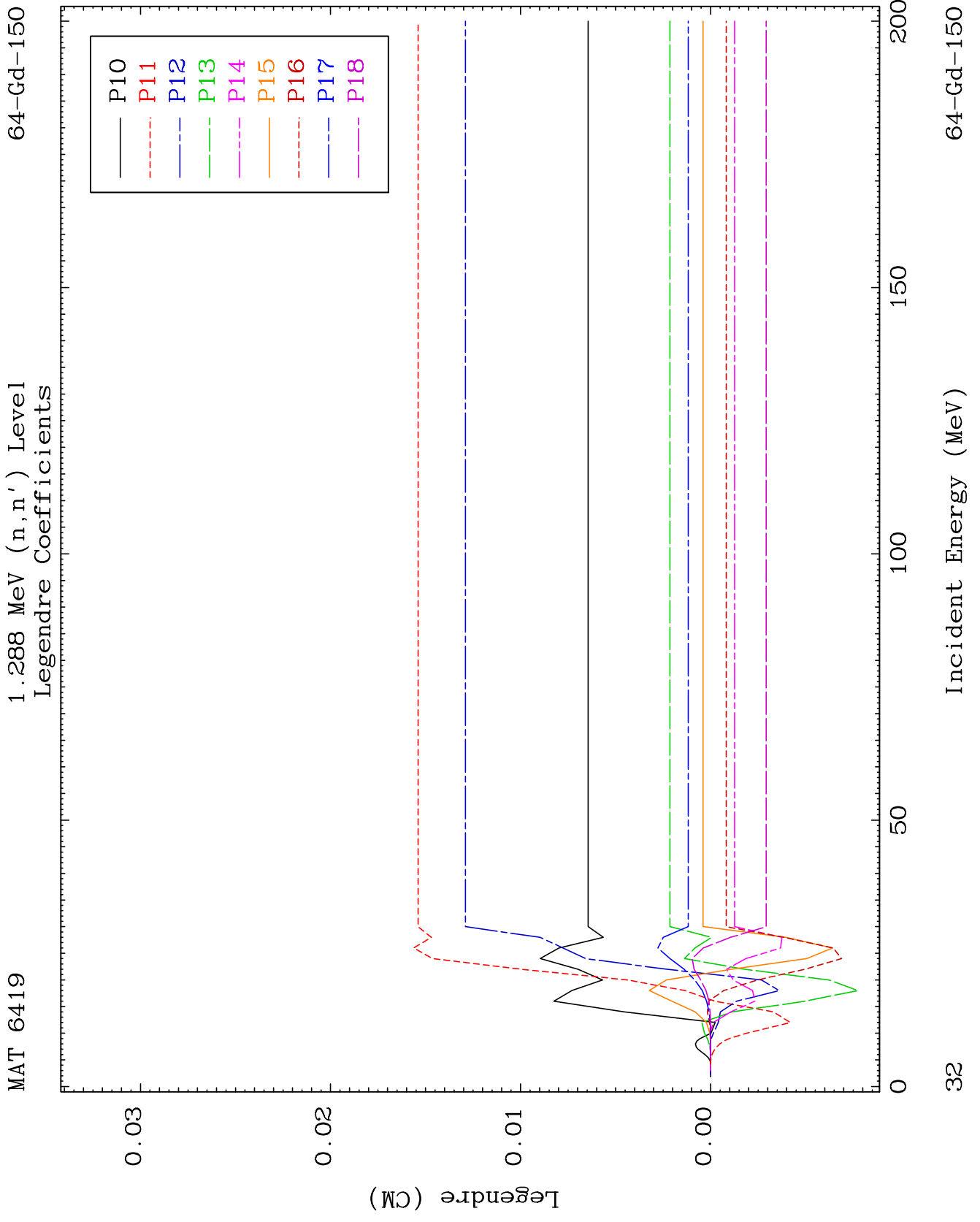
64-Gd-150



31

Incident Energy (MeV)

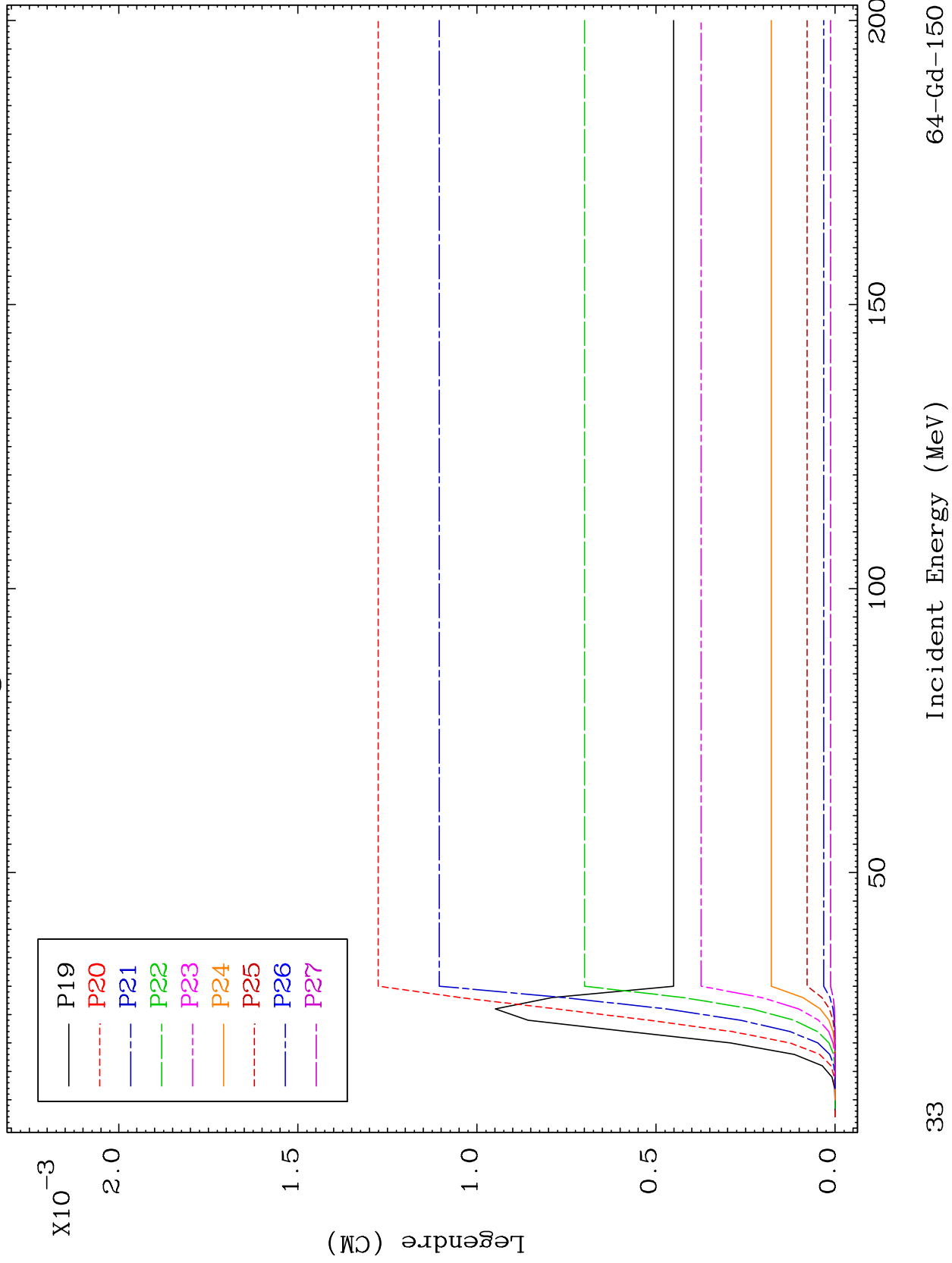
64-Gd-150

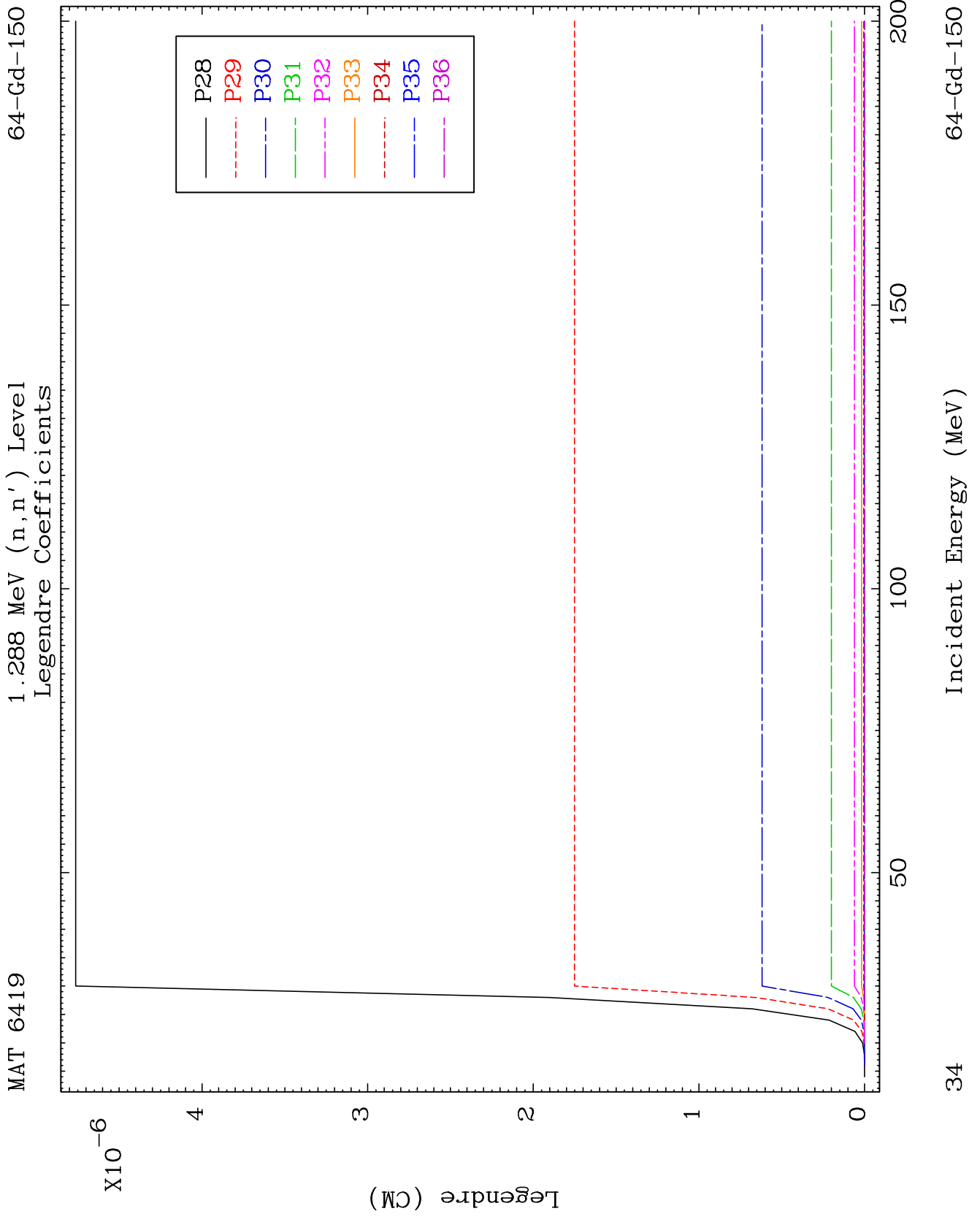


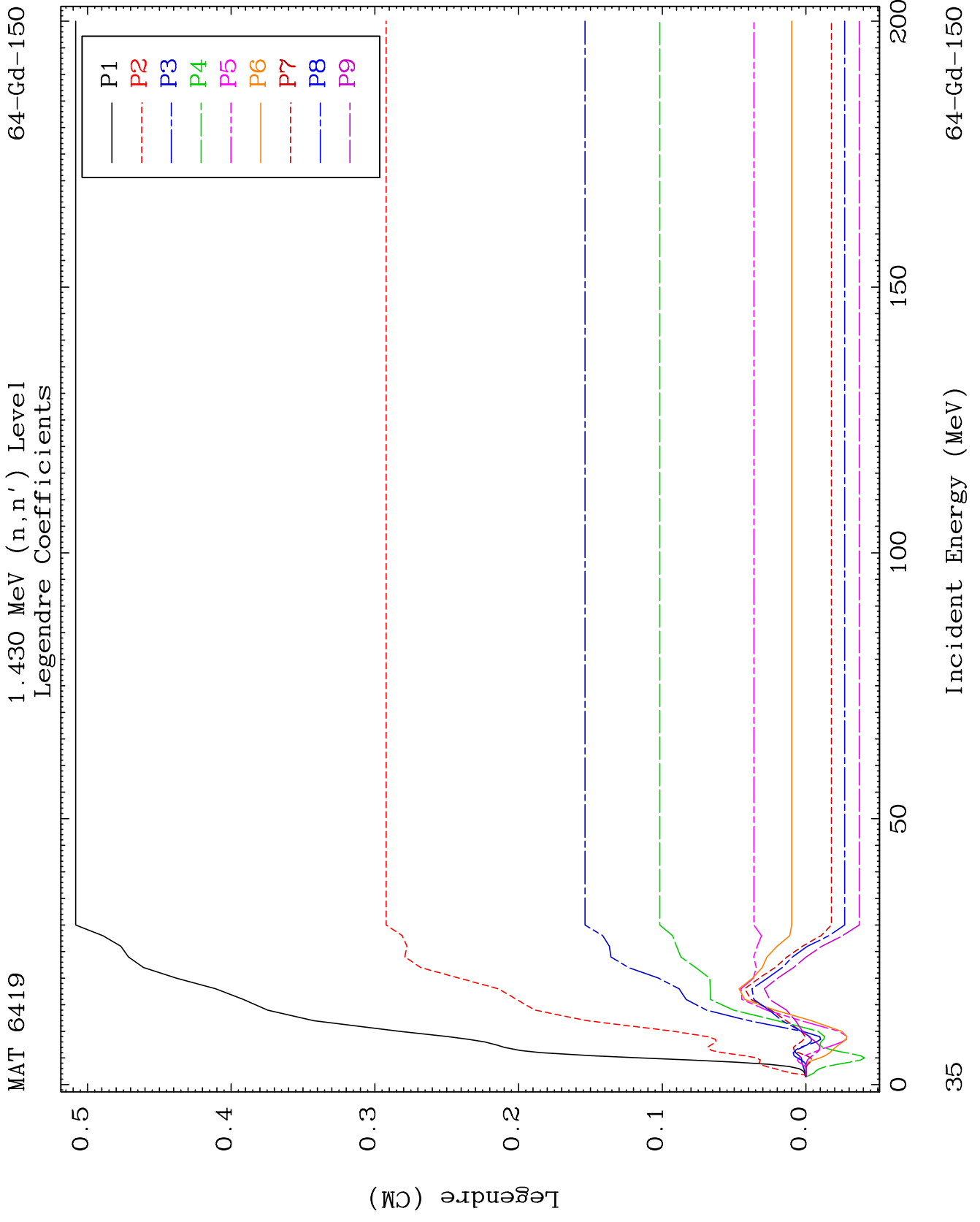
MAT 6419

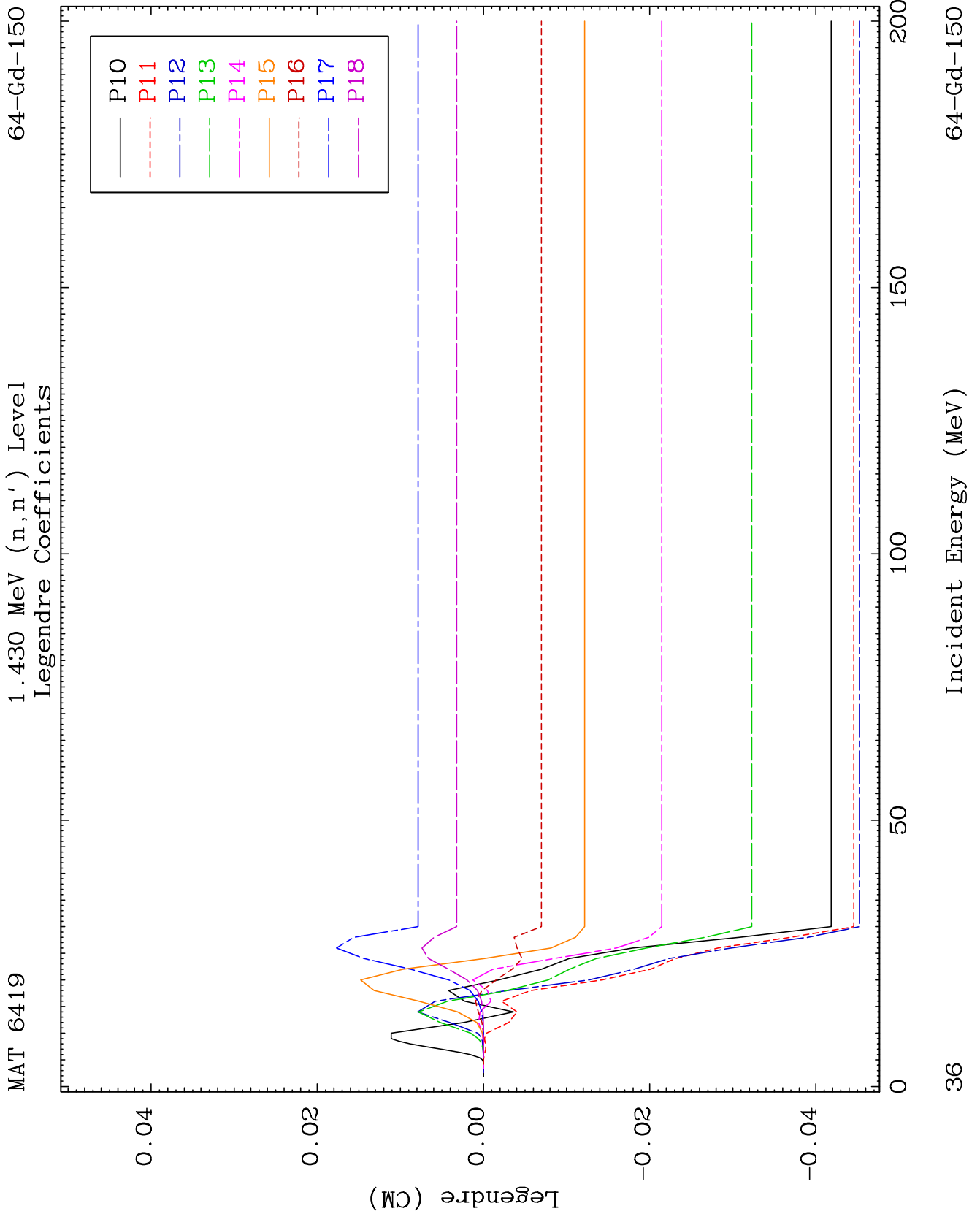
1.288 MeV (n,n') Level
Legendre Coefficients

64-Gd-150





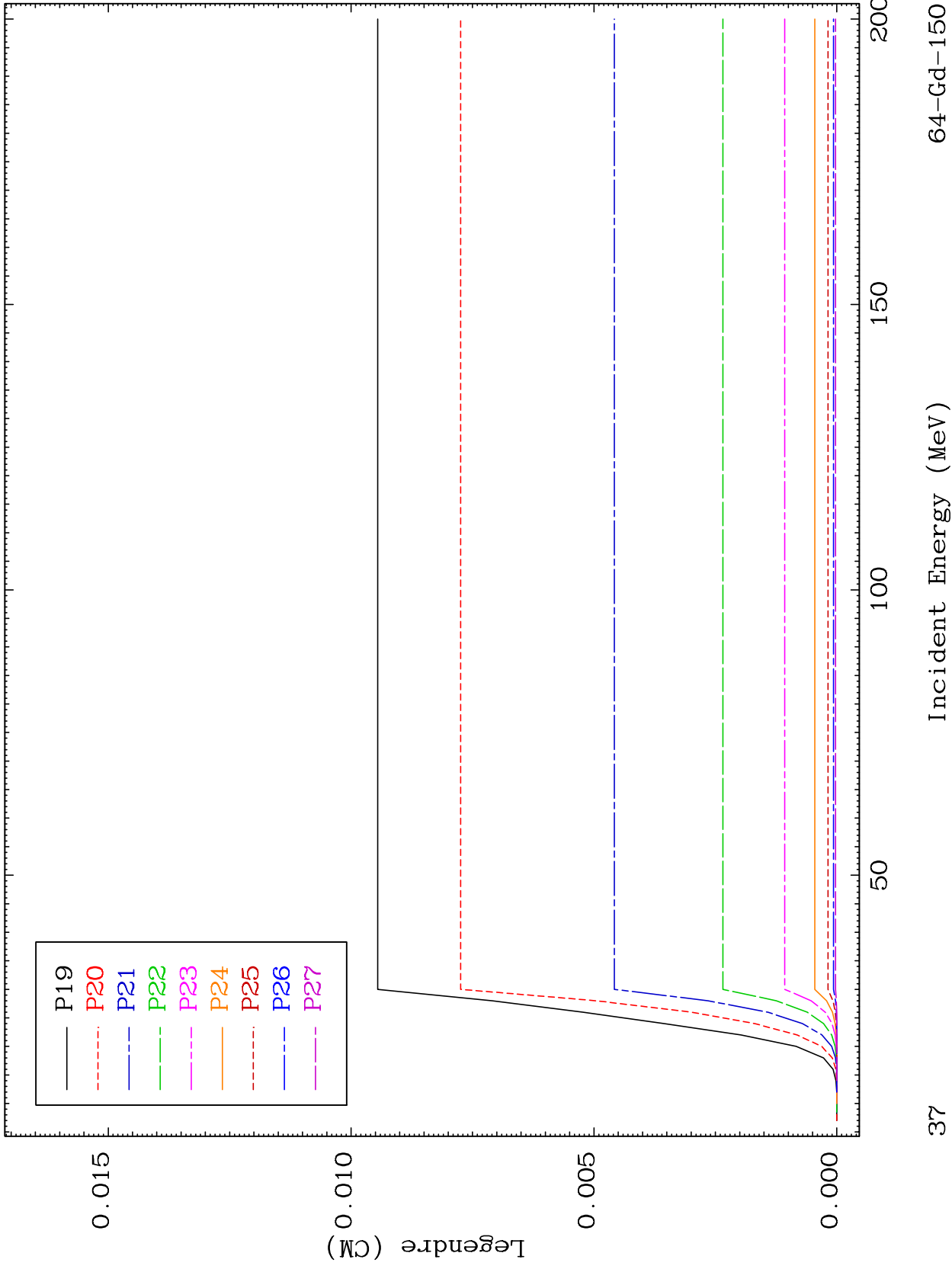




MAT 6419

1.430 MeV (n, n') Level
Legendre Coefficients

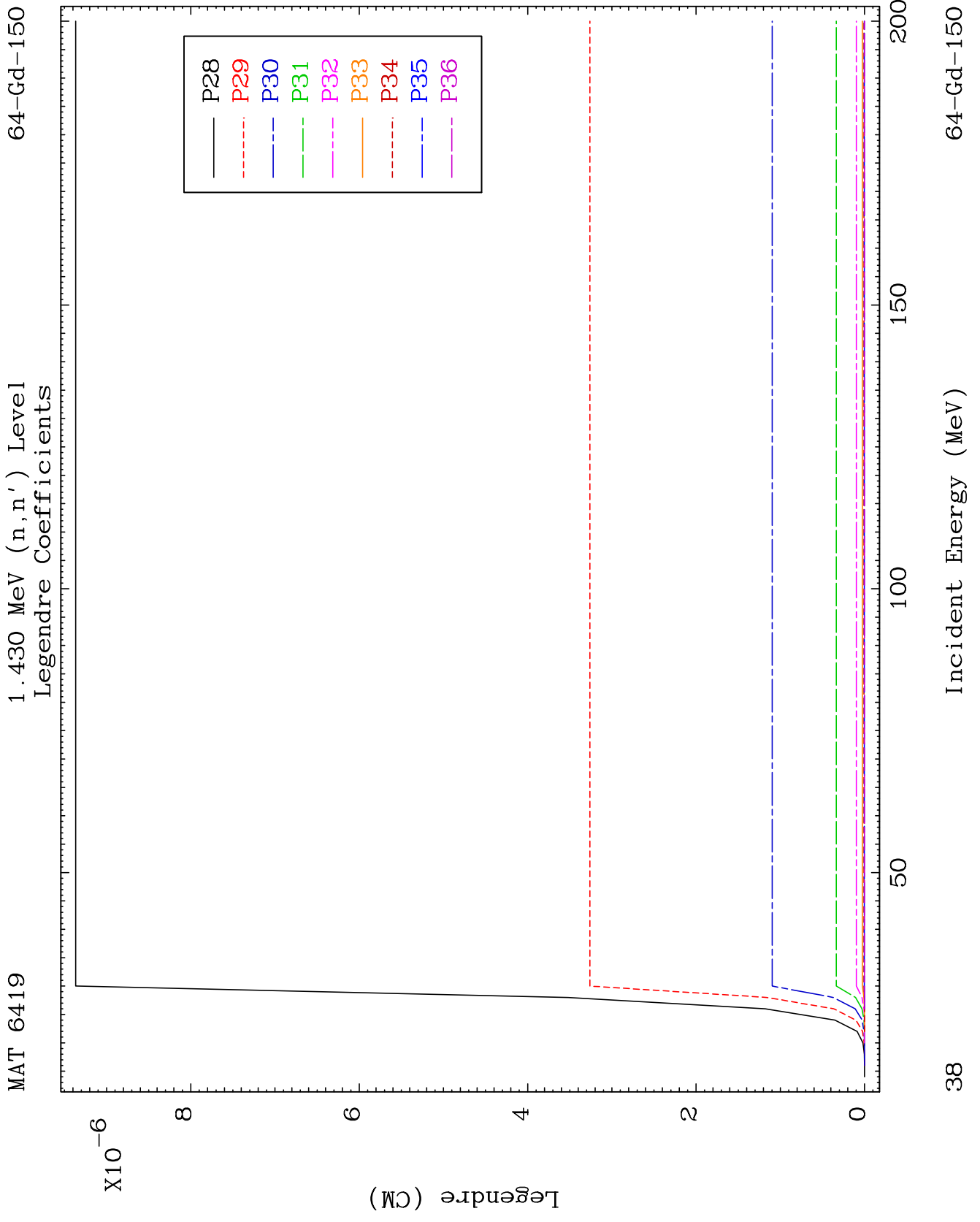
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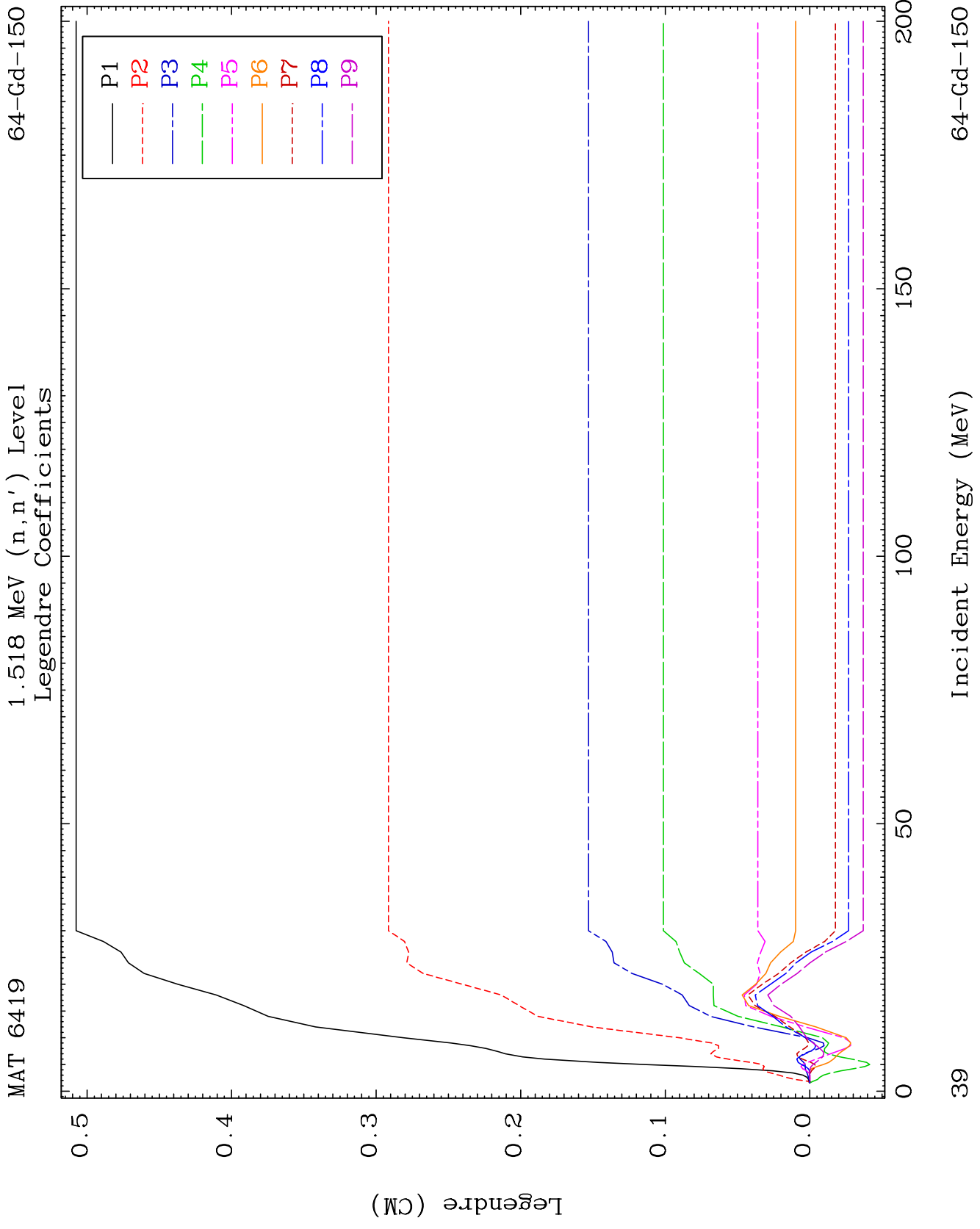


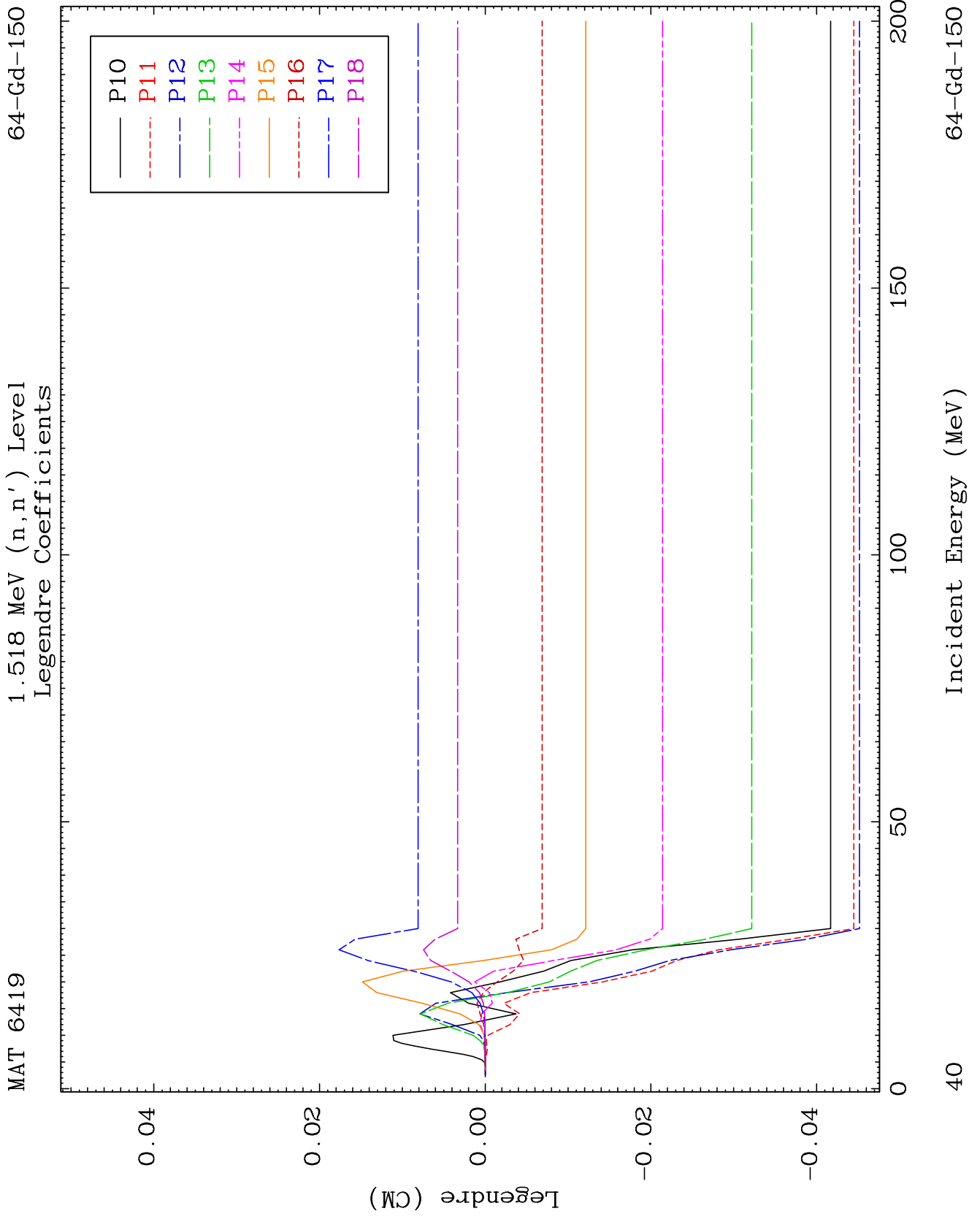
37

Incident Energy (MeV)

64-Gd-150



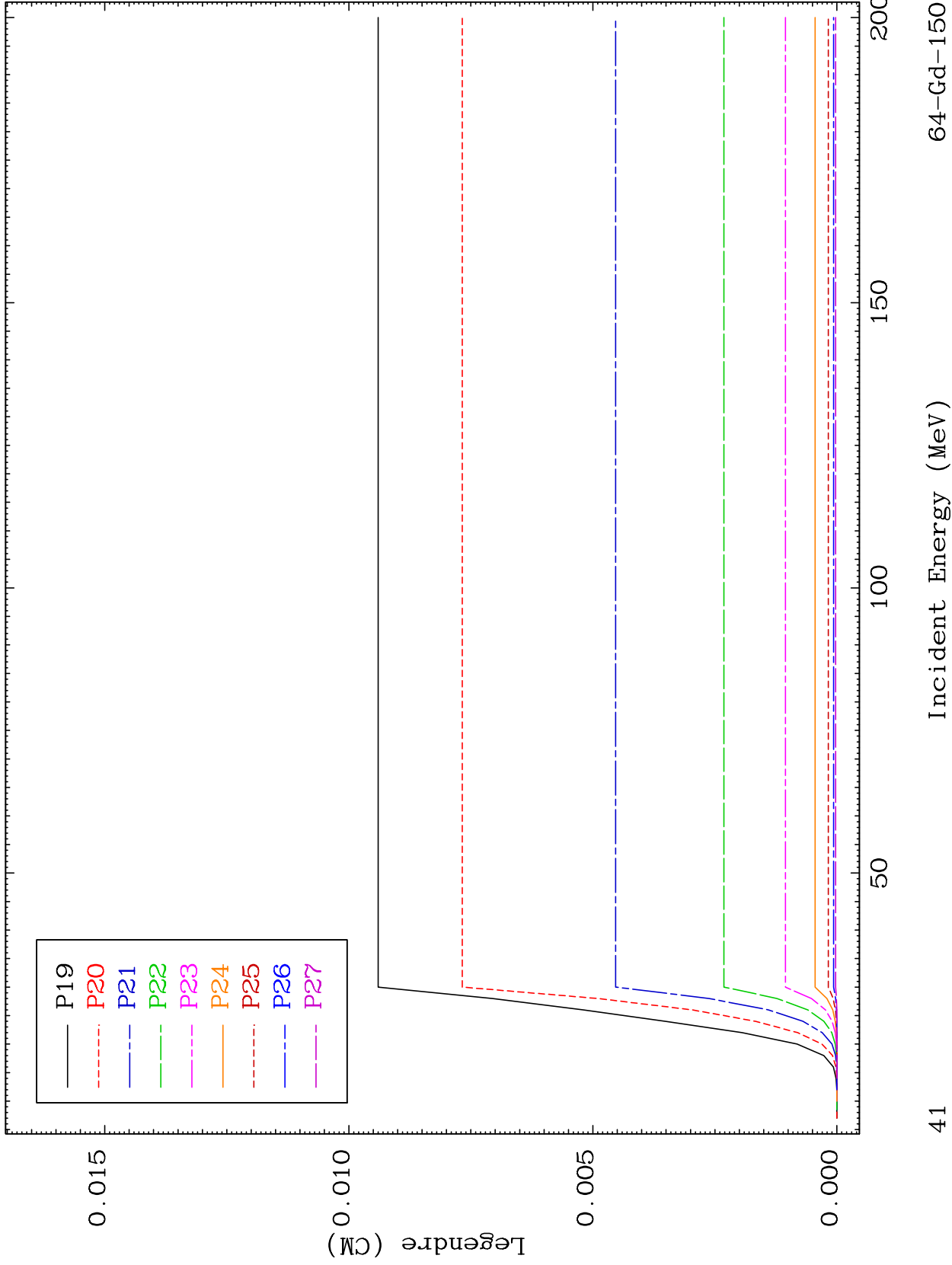




MAT 6419

1.518 MeV (n, n') Level
Legendre Coefficients

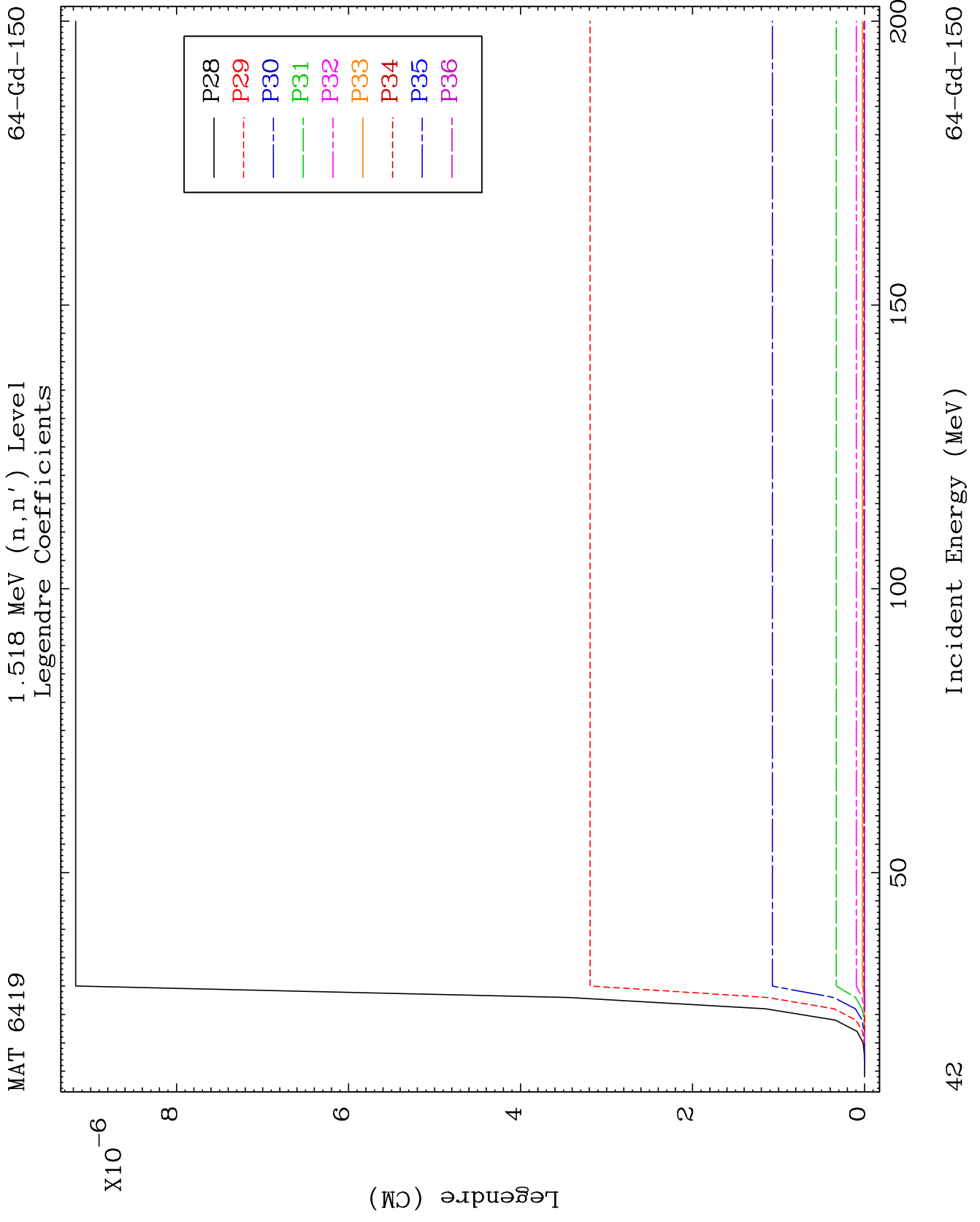
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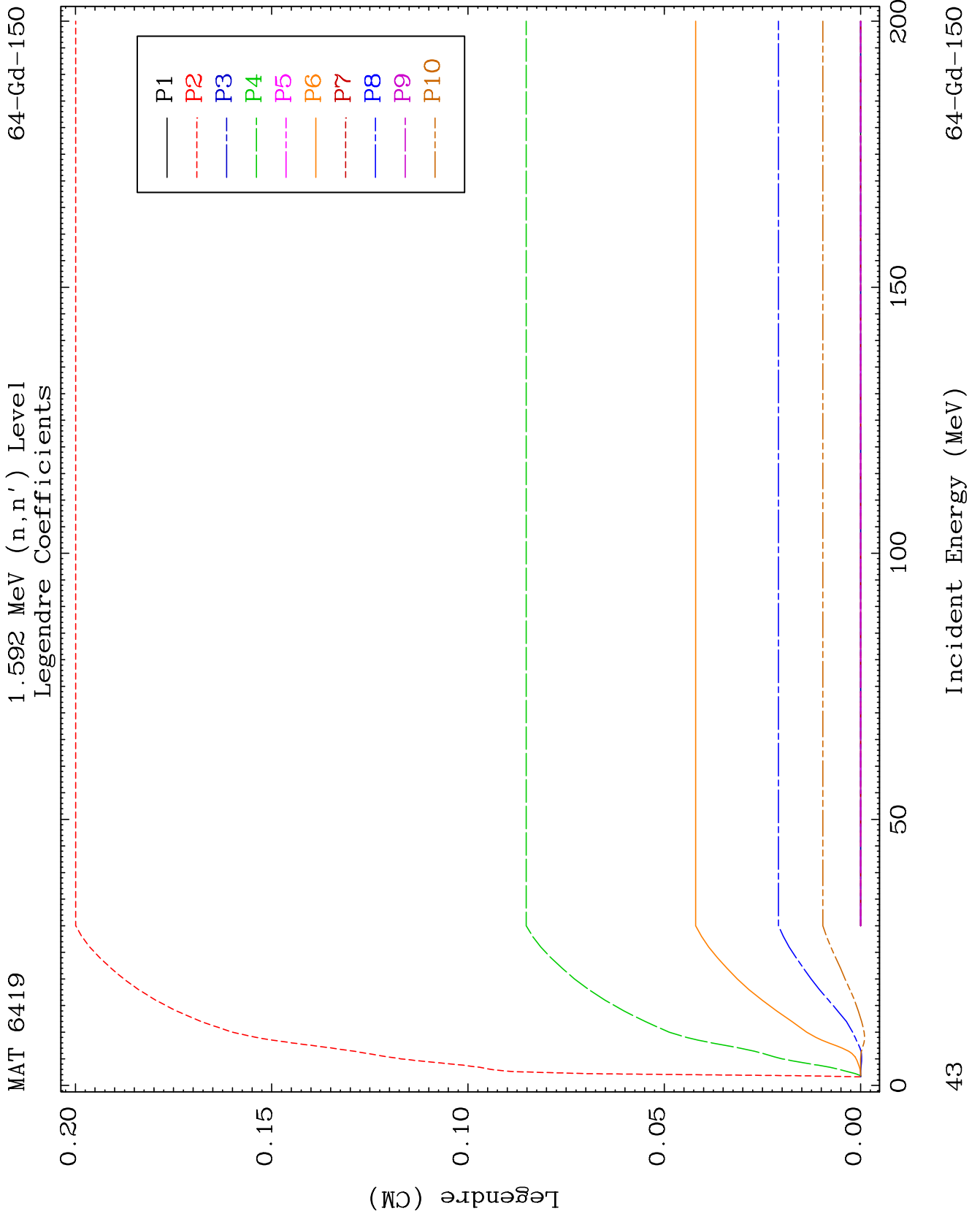


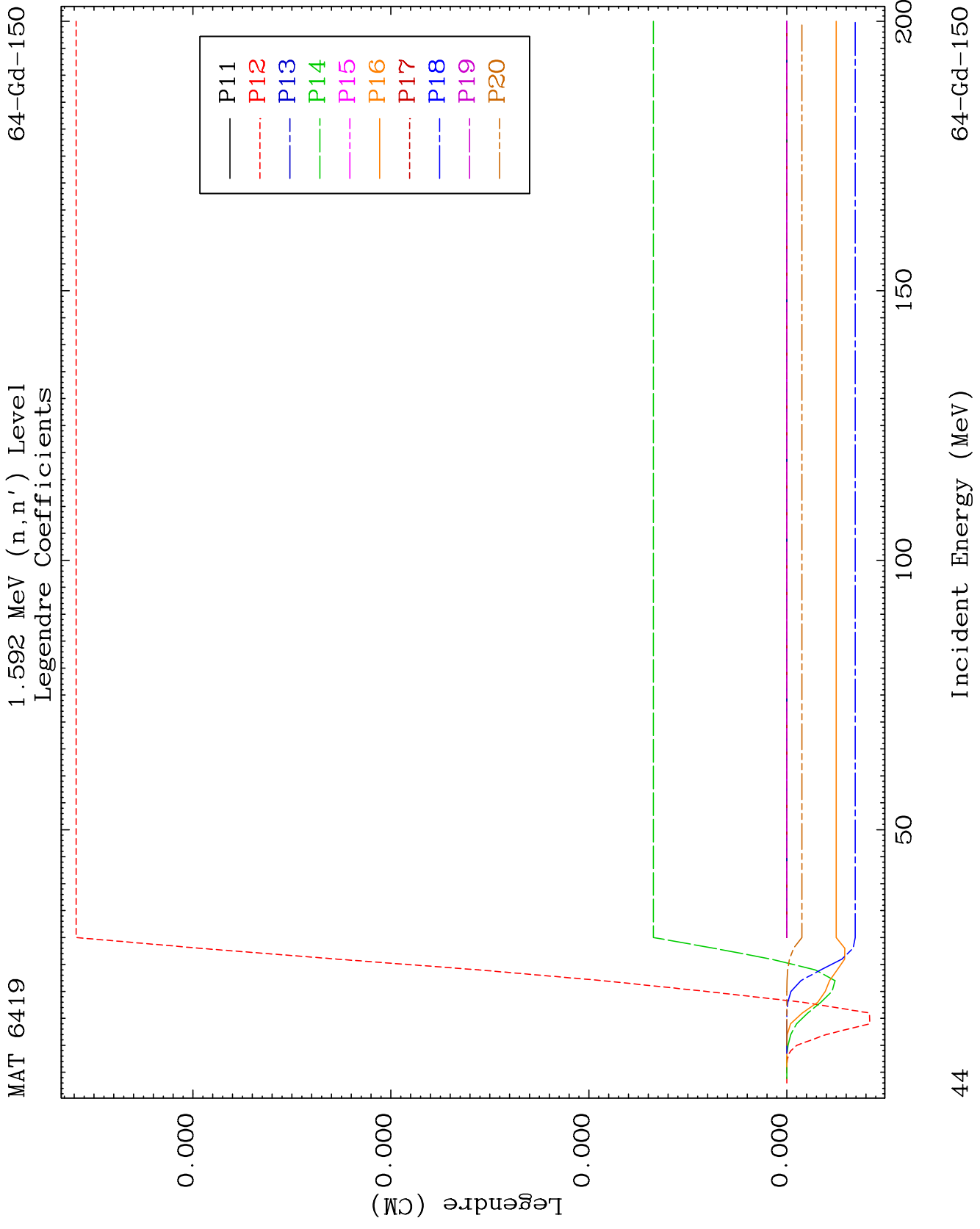
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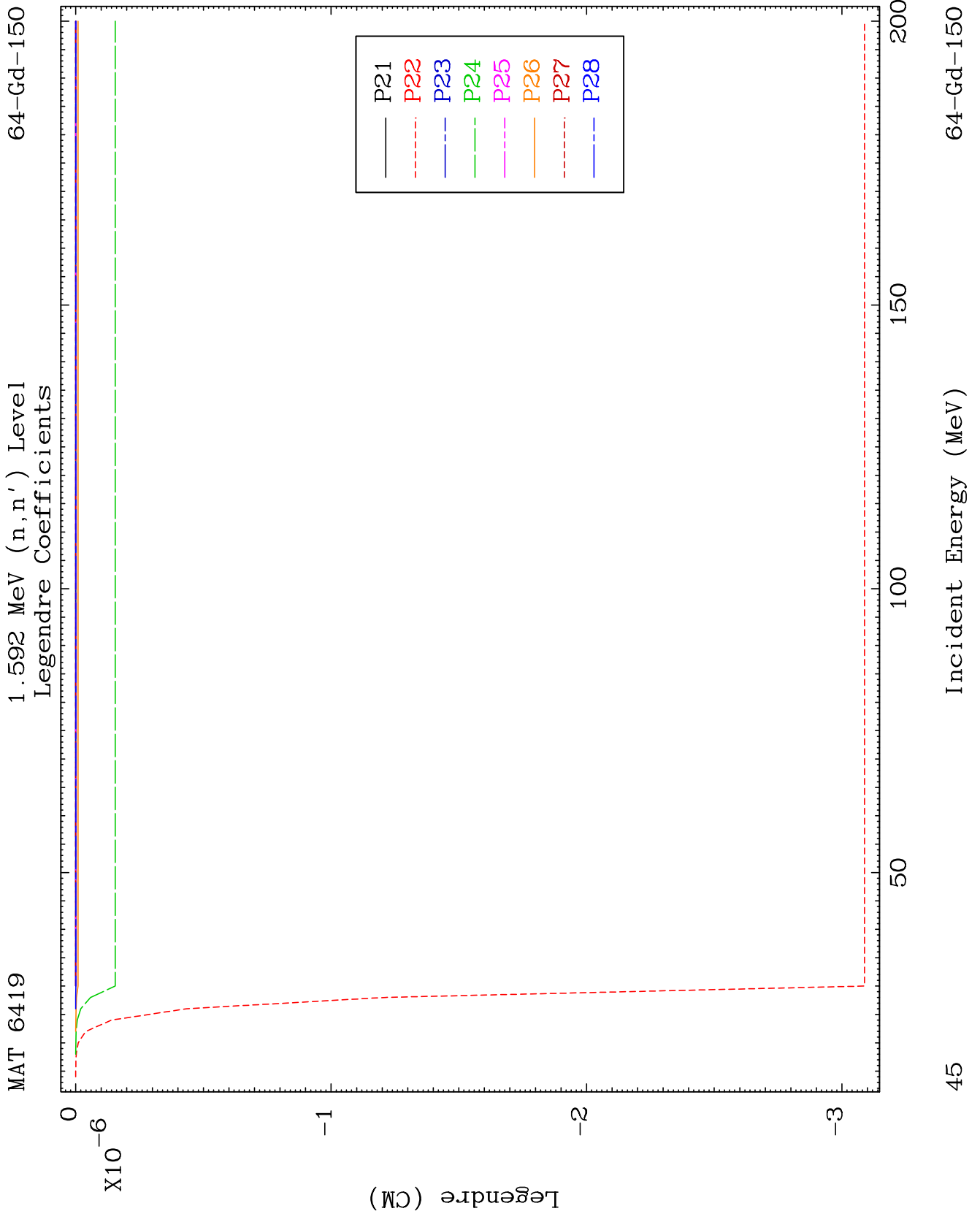
Incident Energy (MeV)

64-Gd-150





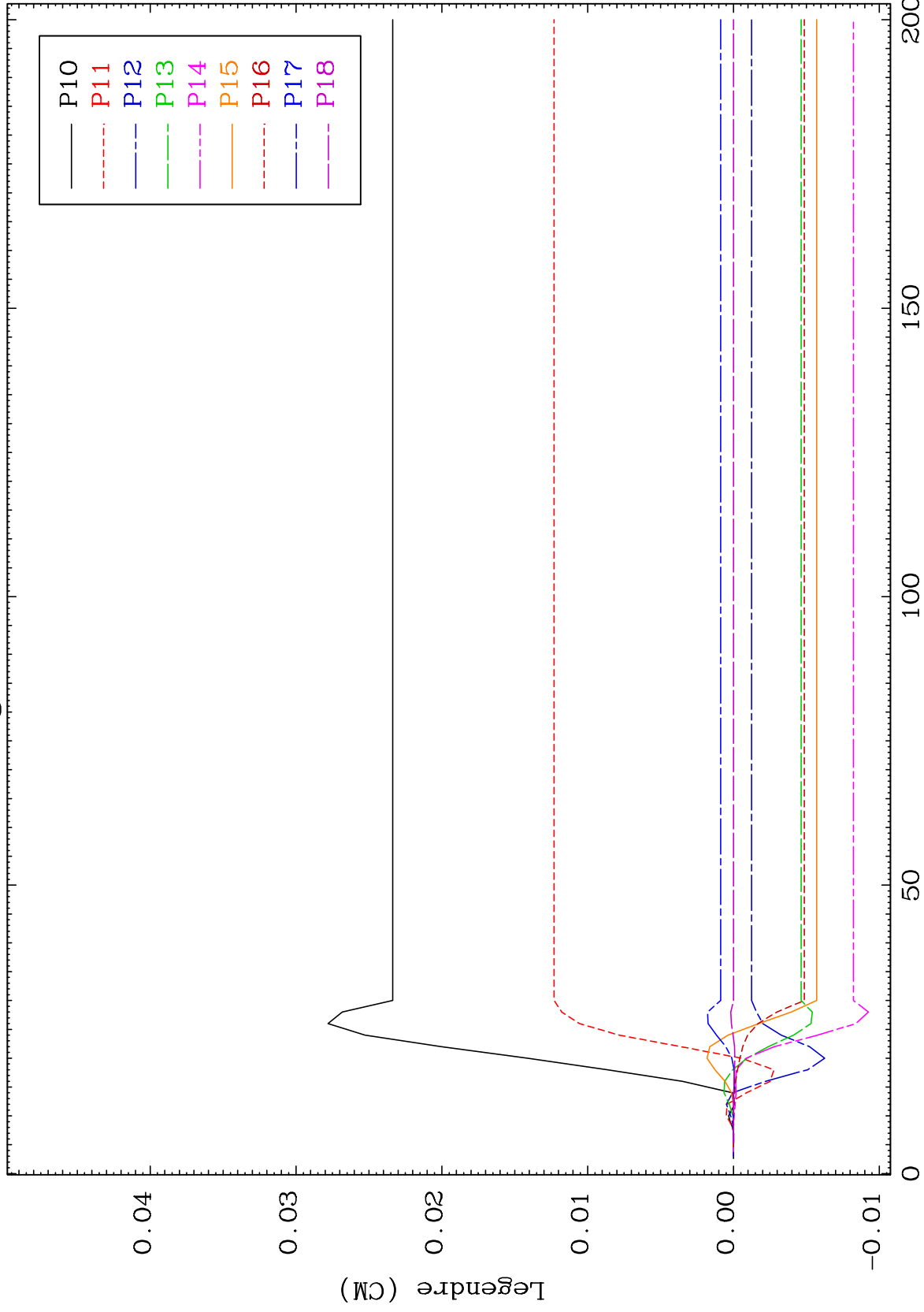




MAT 6419

1.700 MeV (n,n') Level
Legendre Coefficients

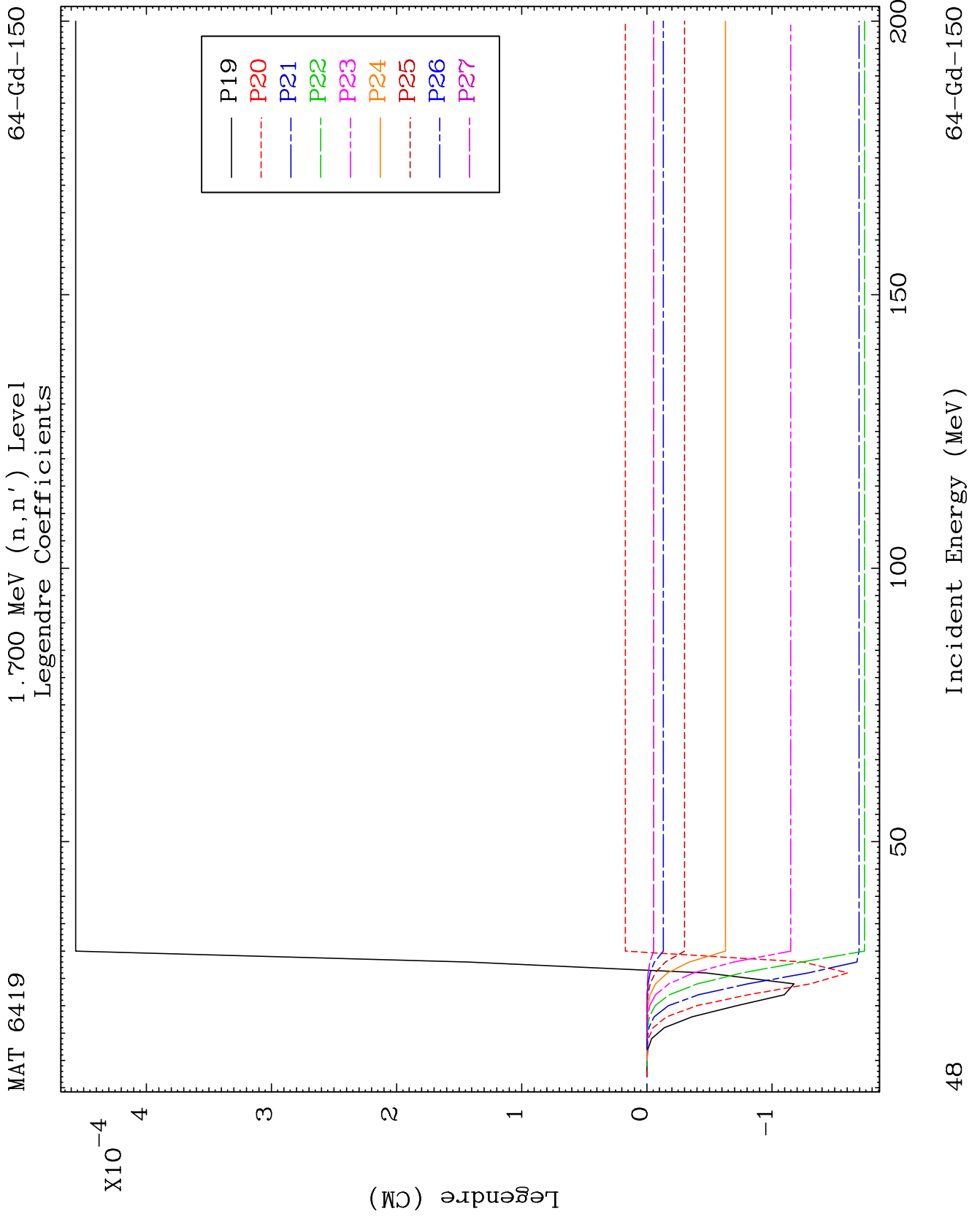
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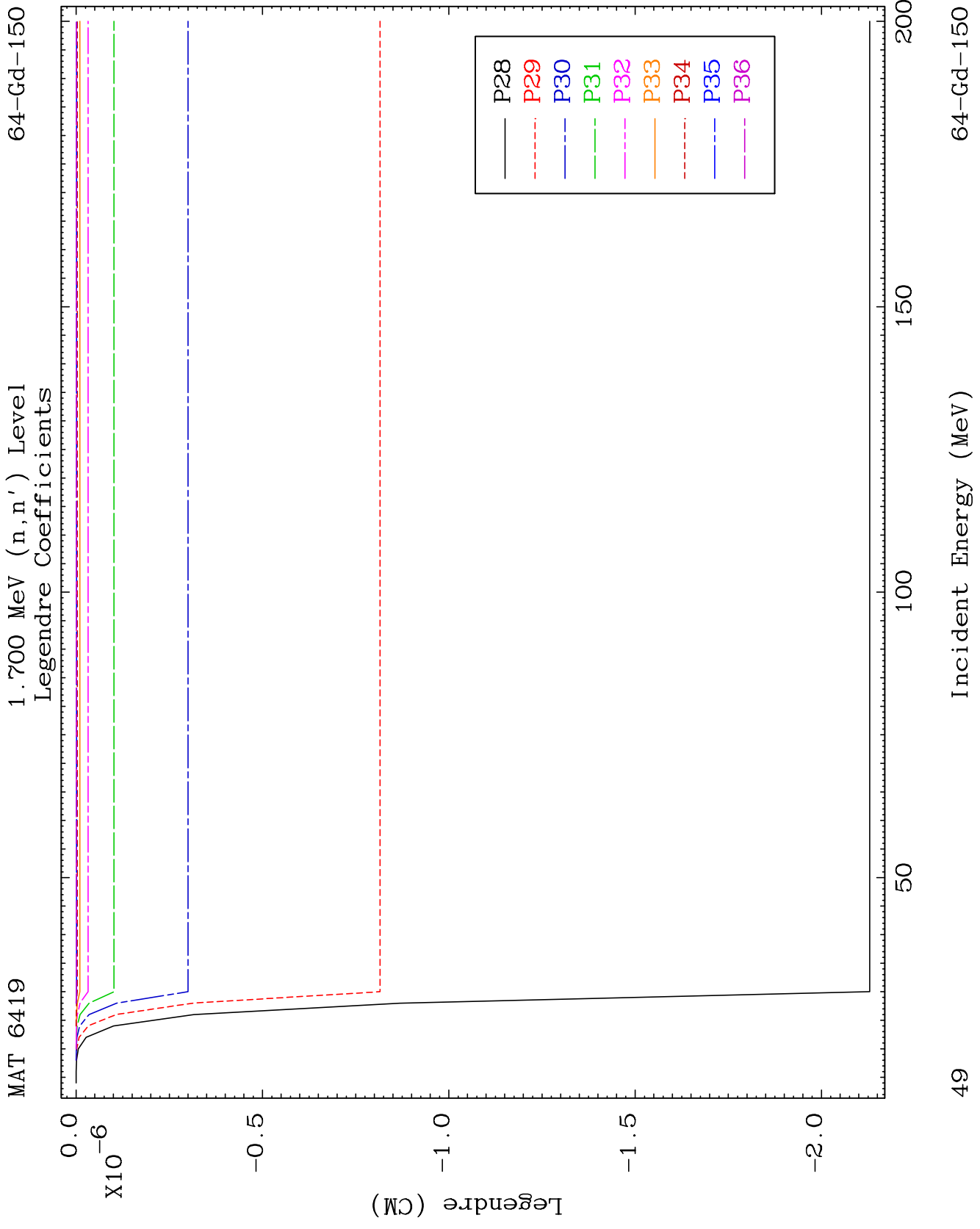


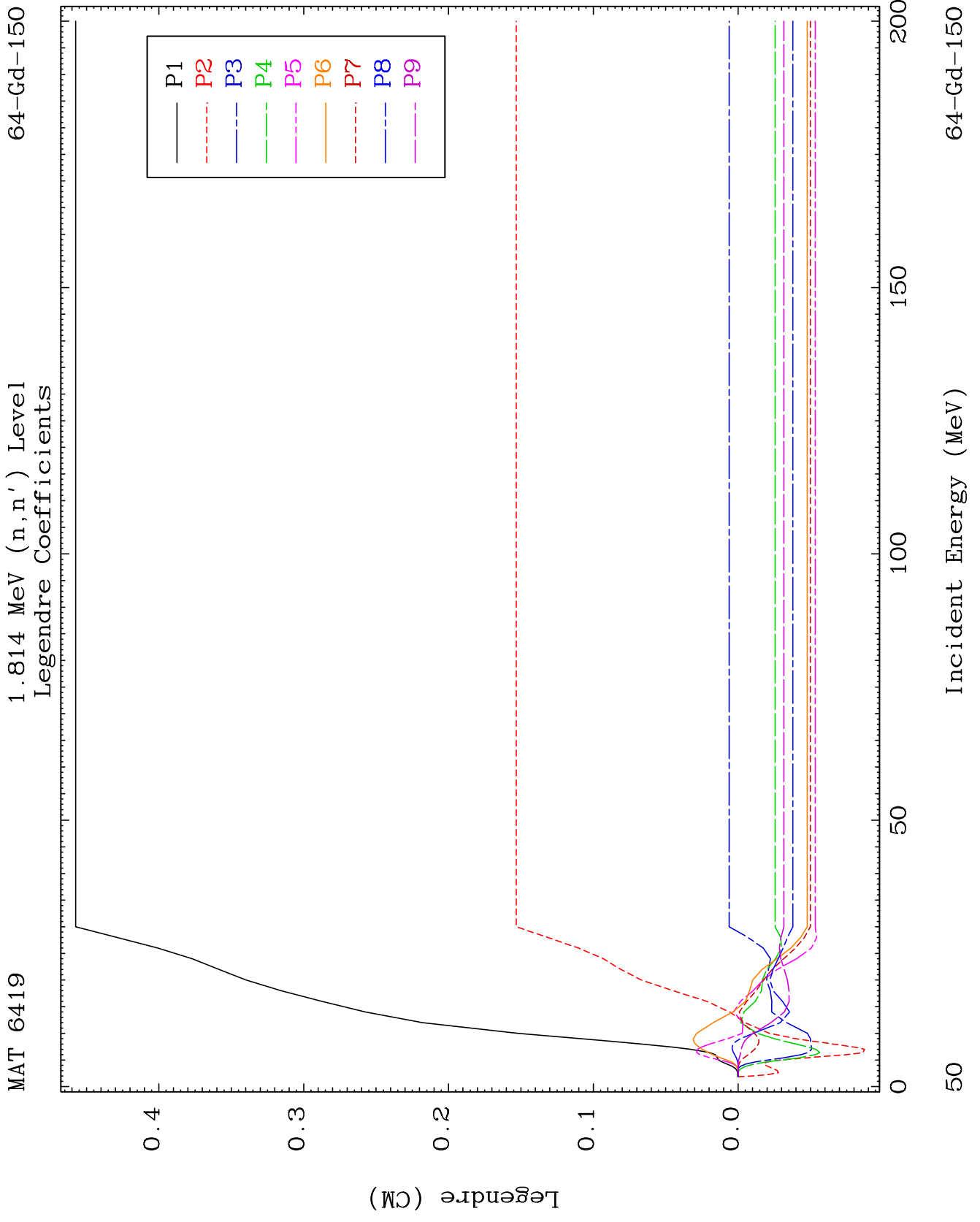
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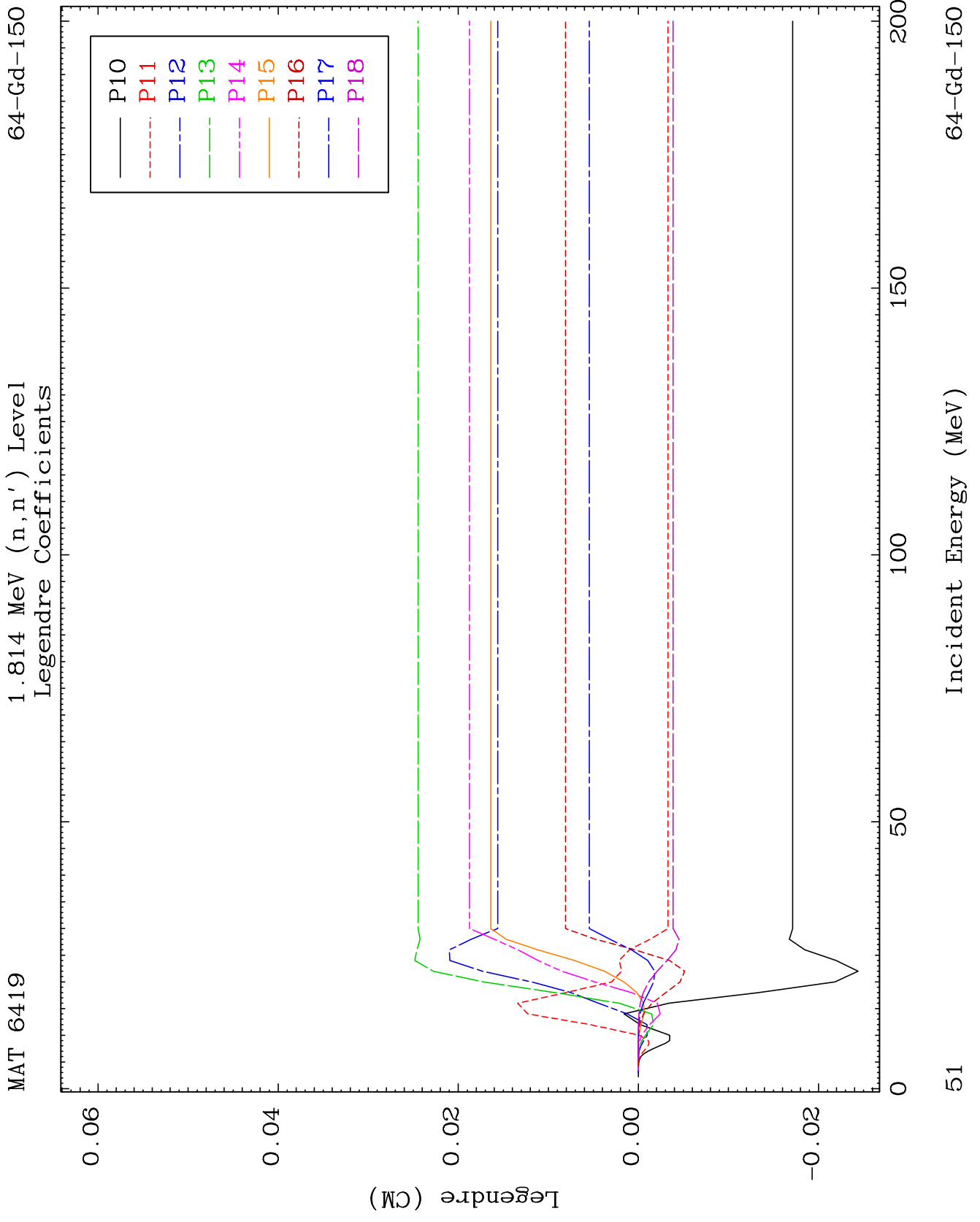
Incident Energy (MeV)

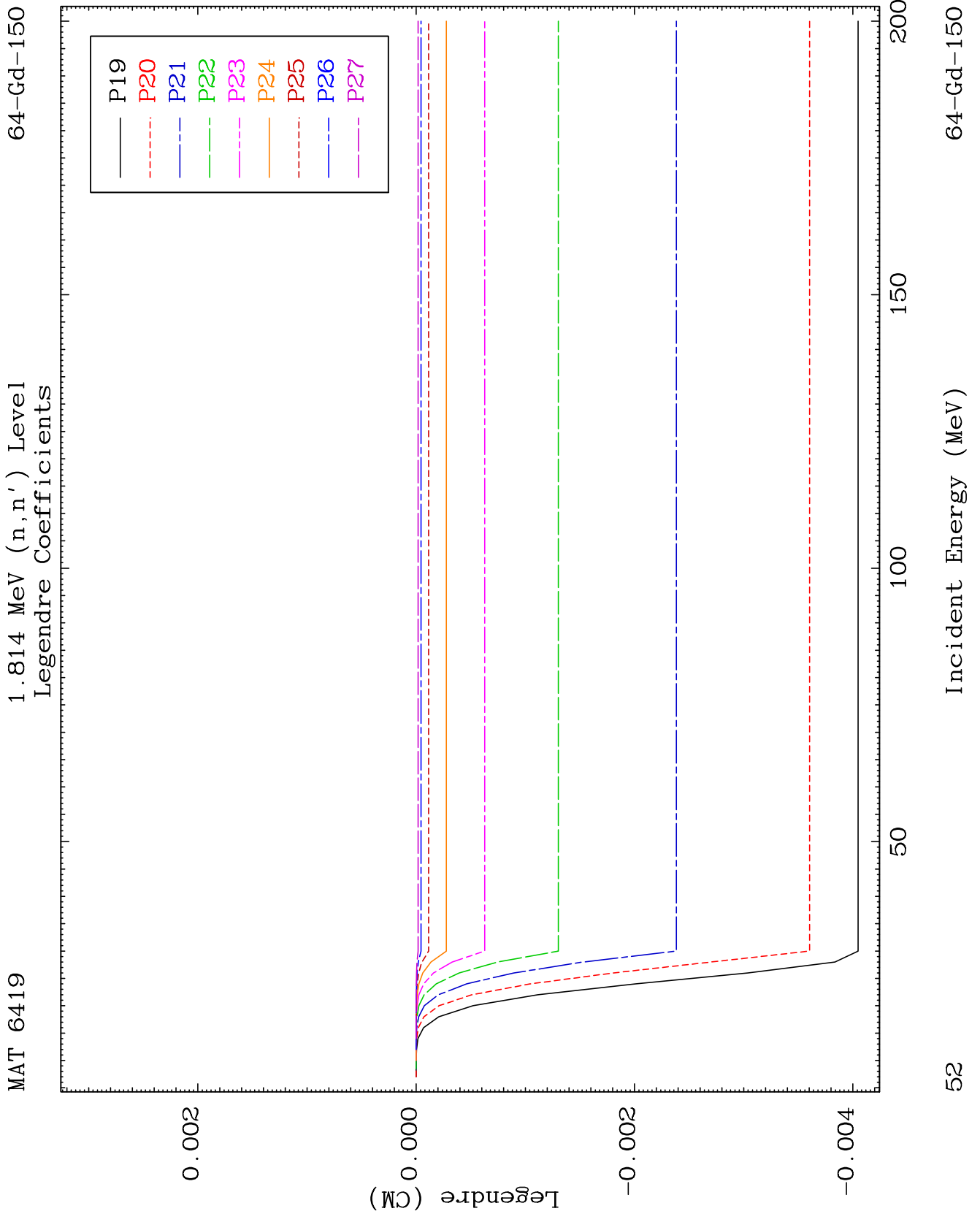
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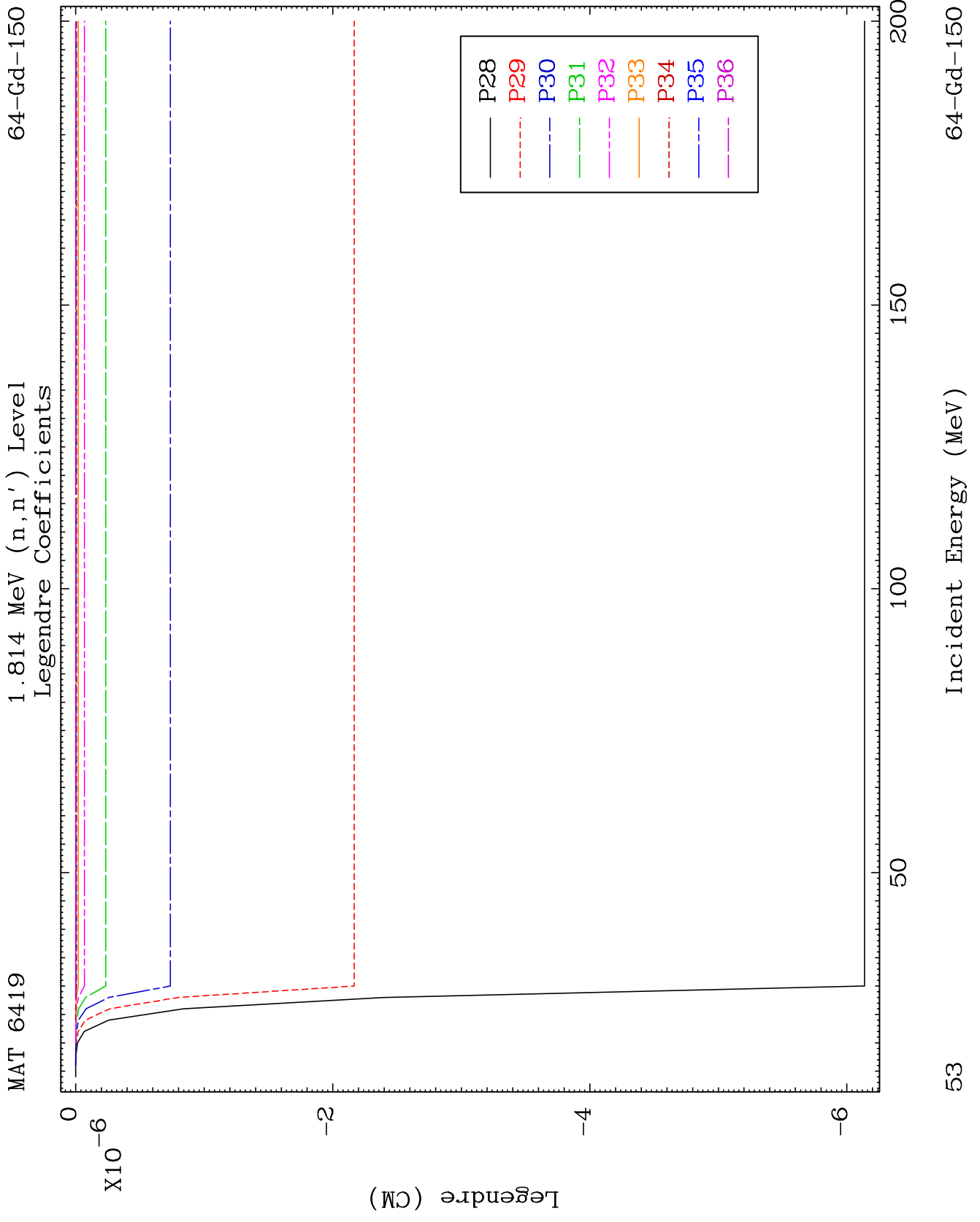


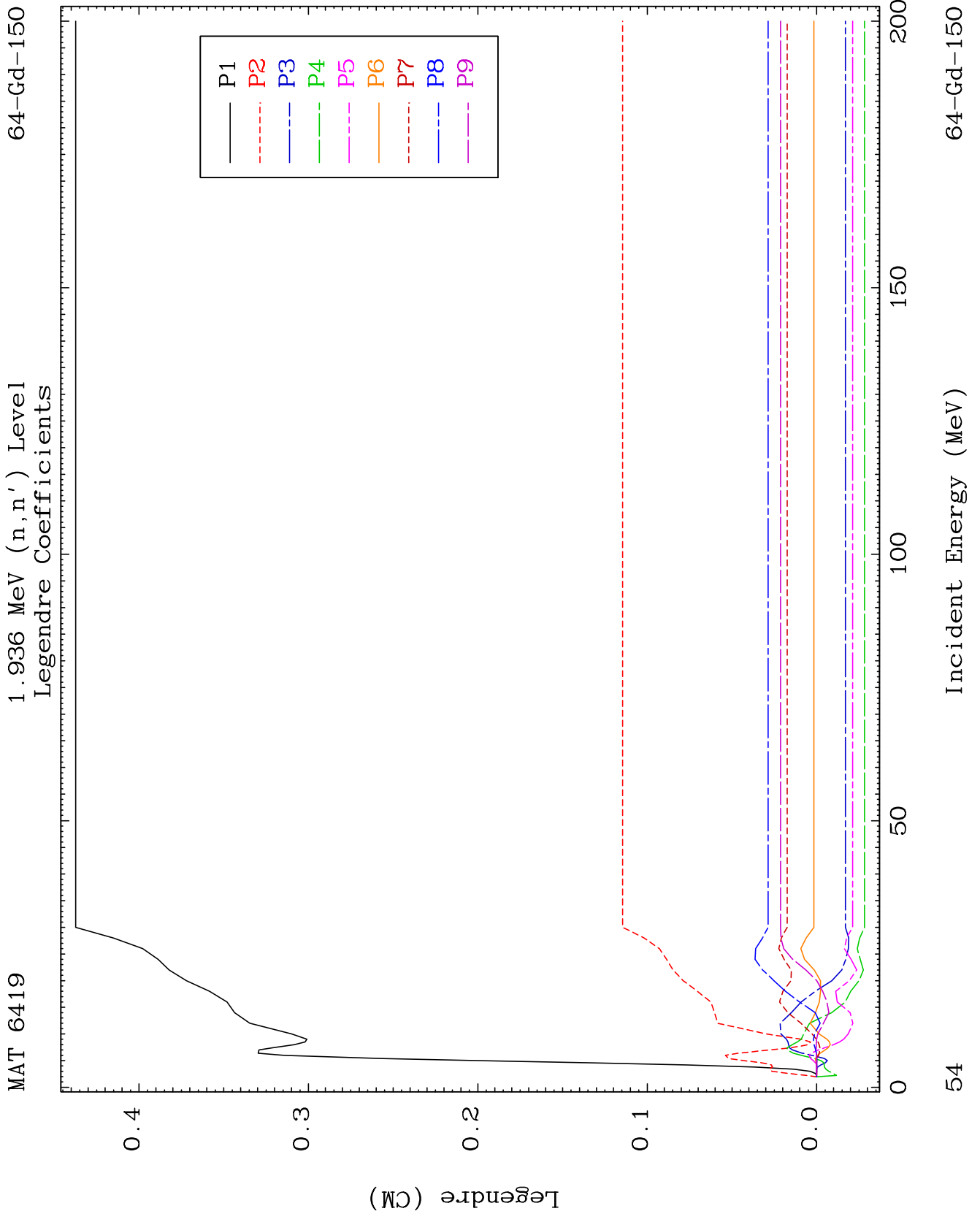








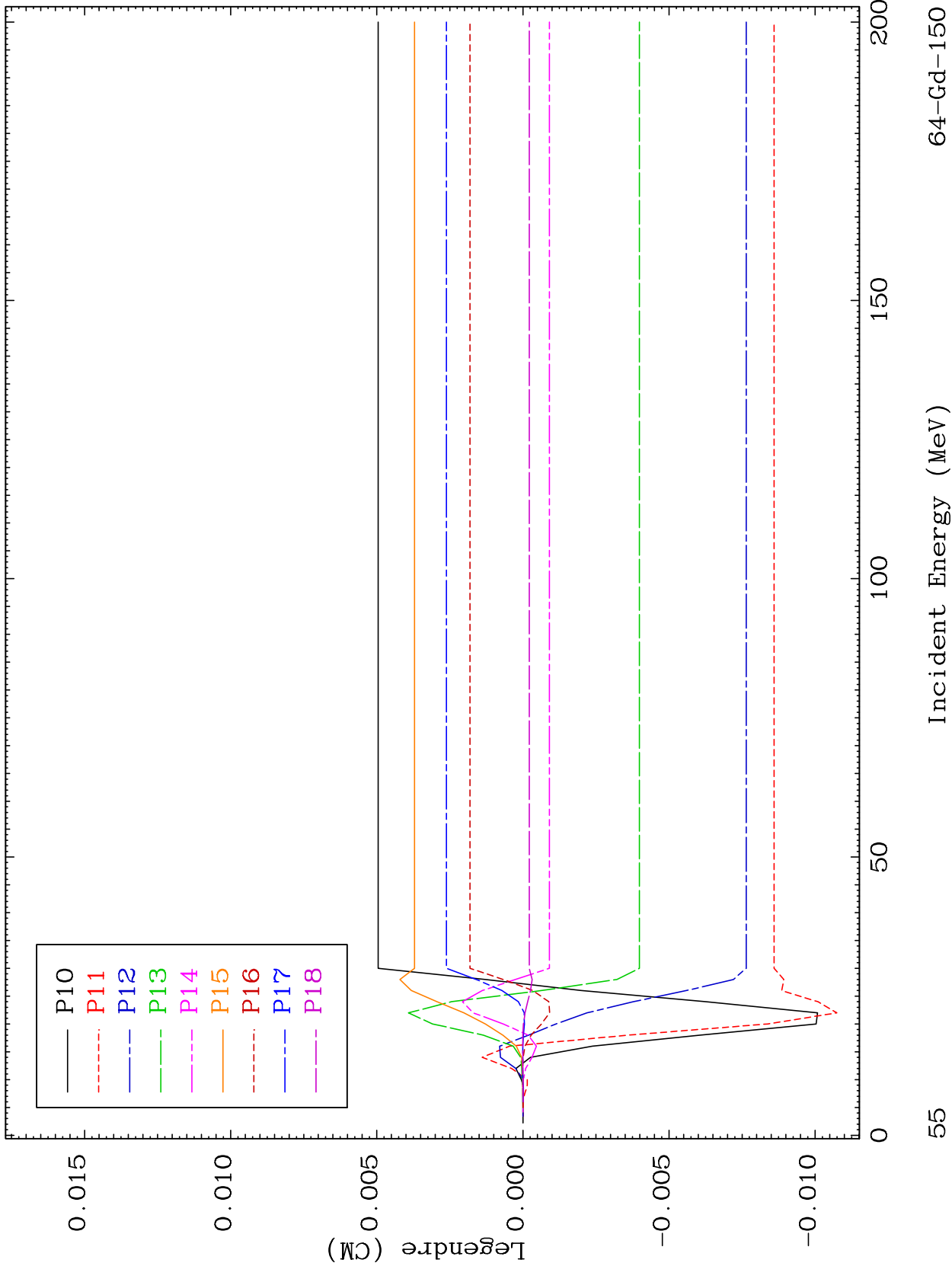




MAT 6419

1.936 MeV (n,n') Level
Legendre Coefficients

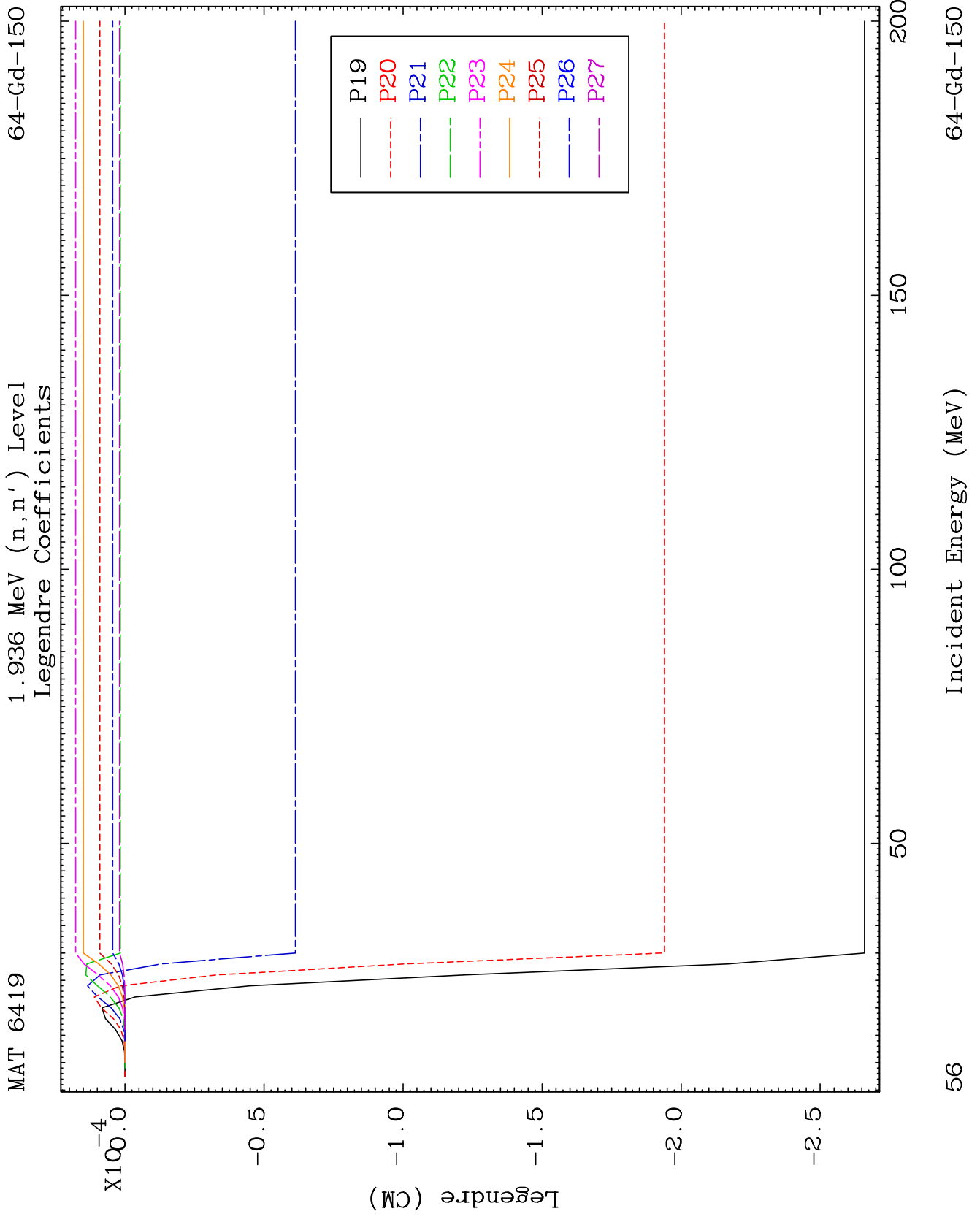
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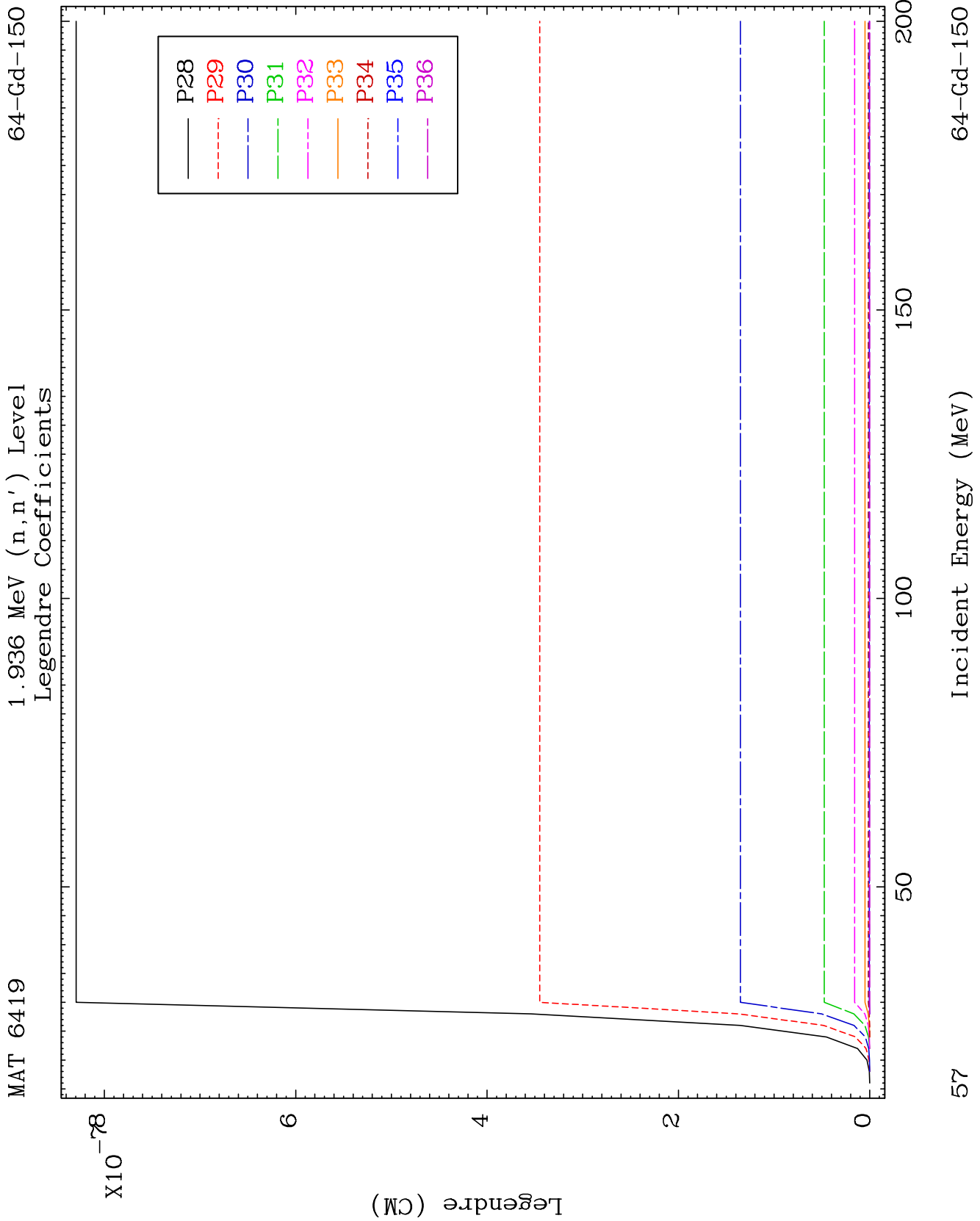


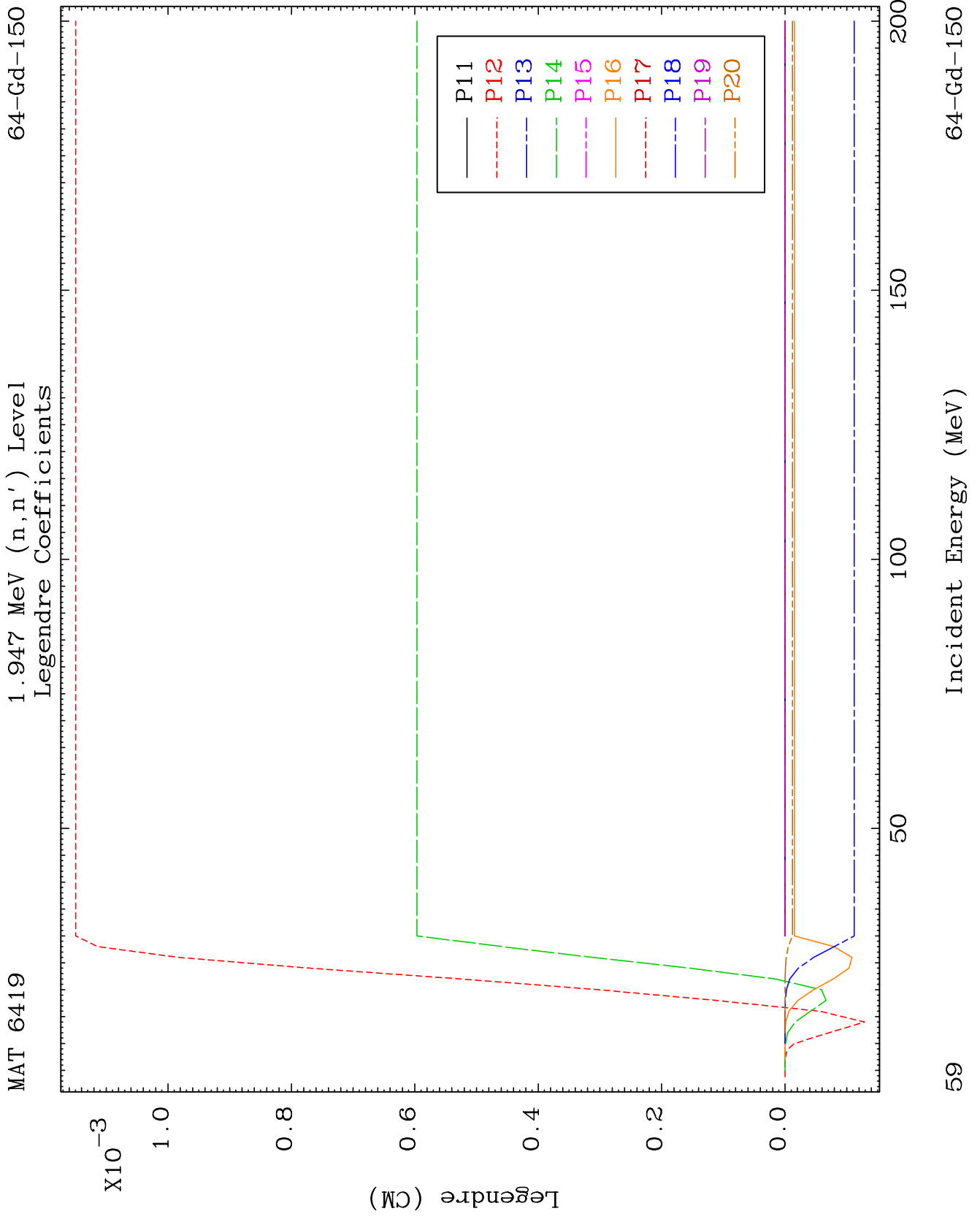
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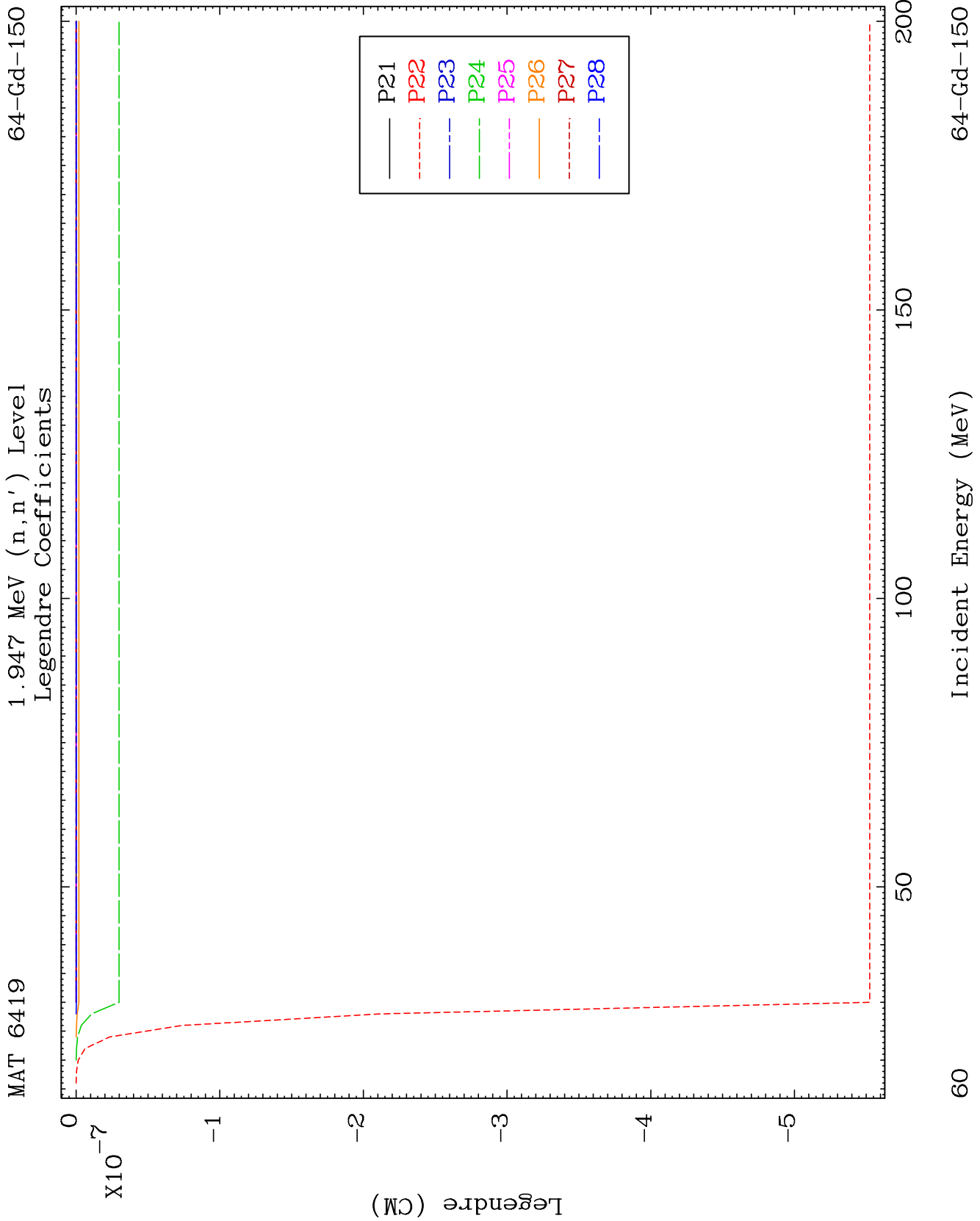
Incident Energy (MeV)

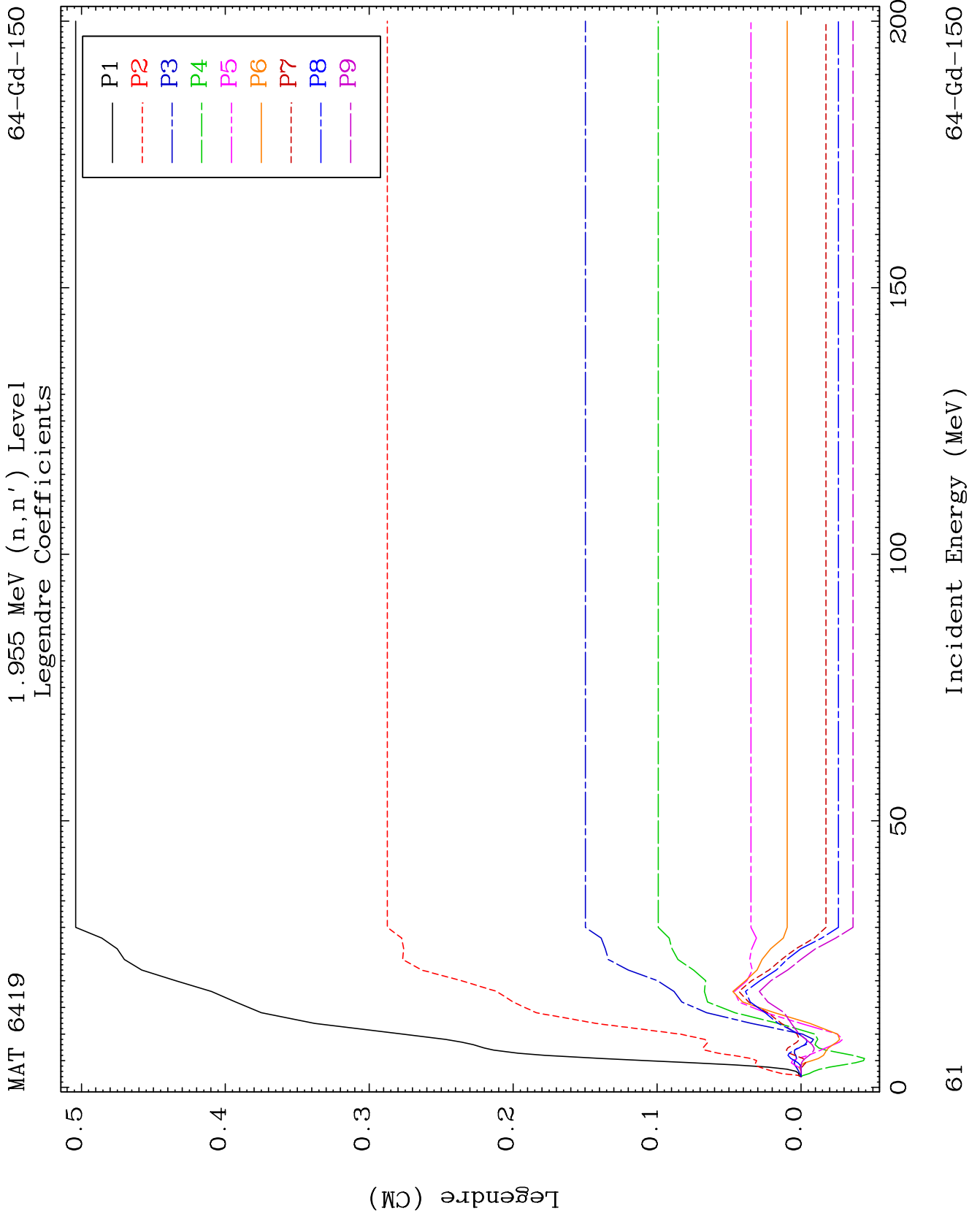
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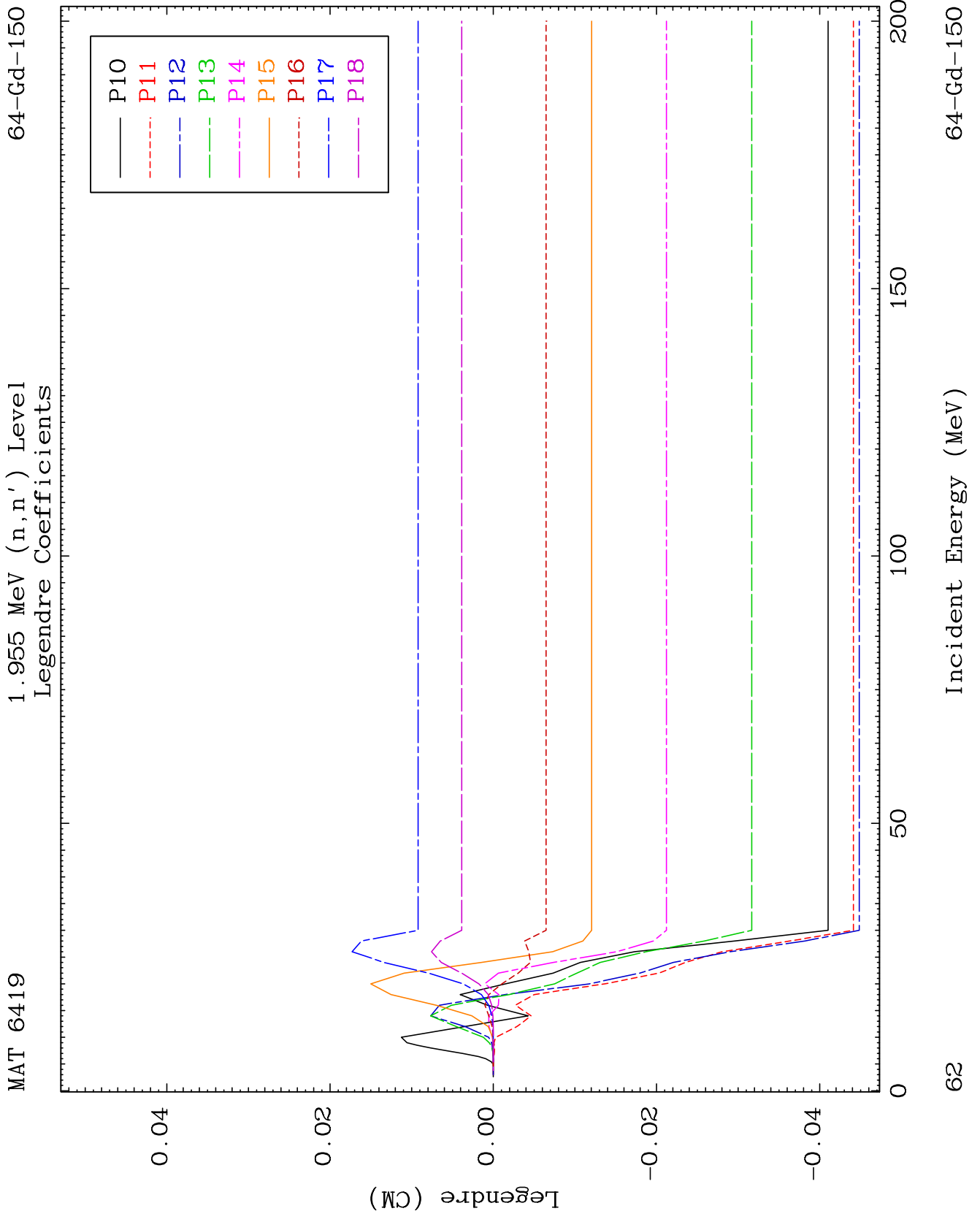


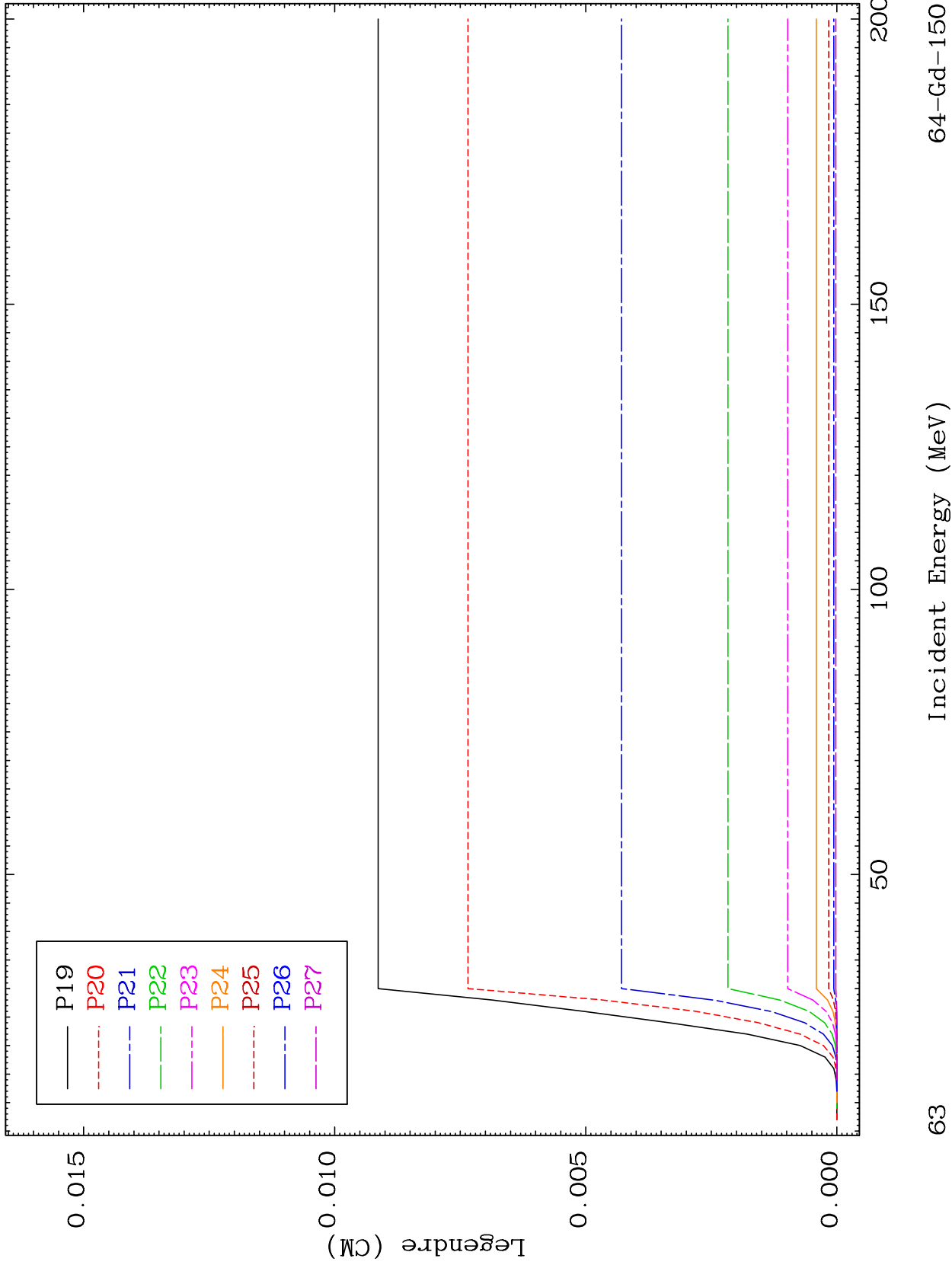


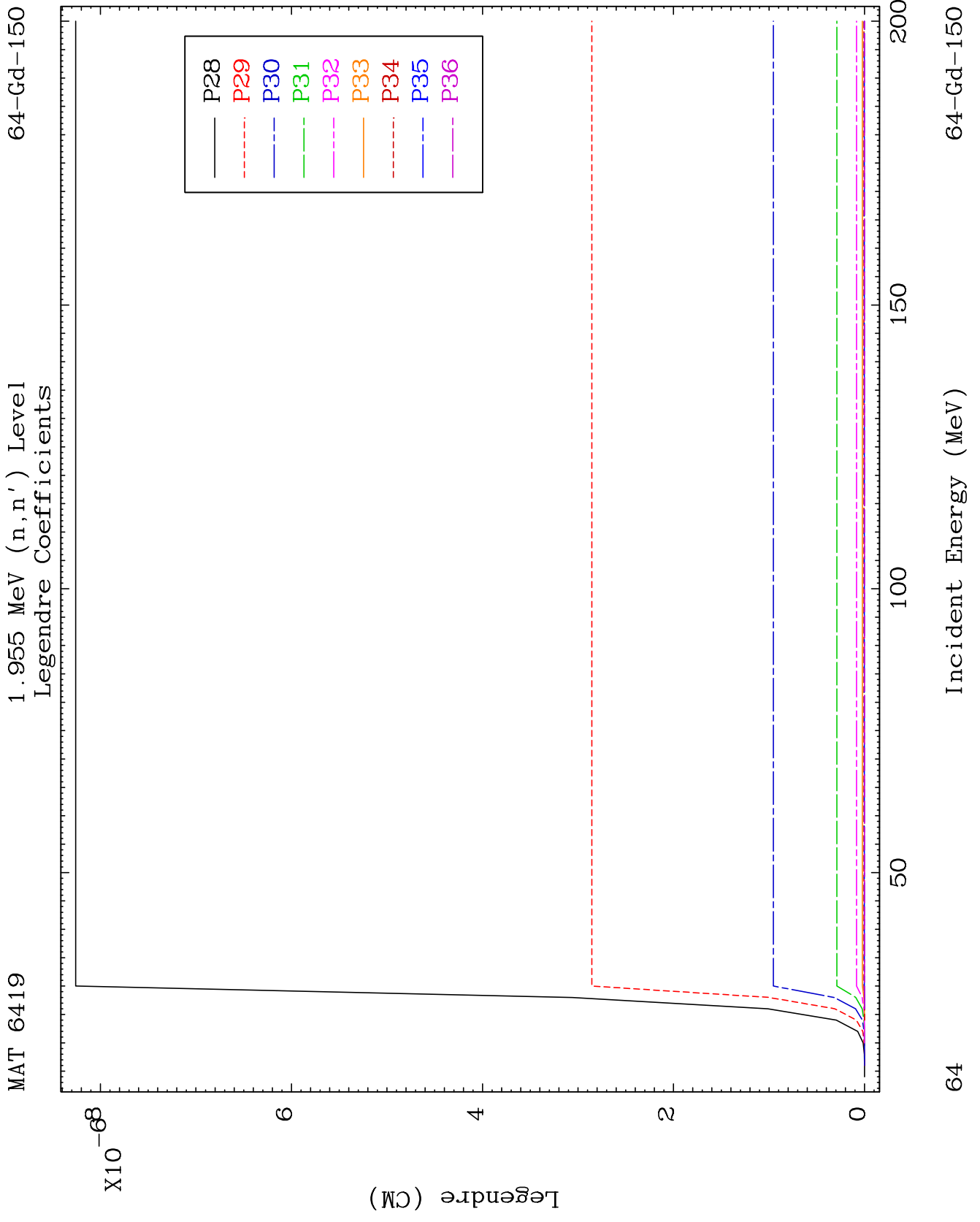


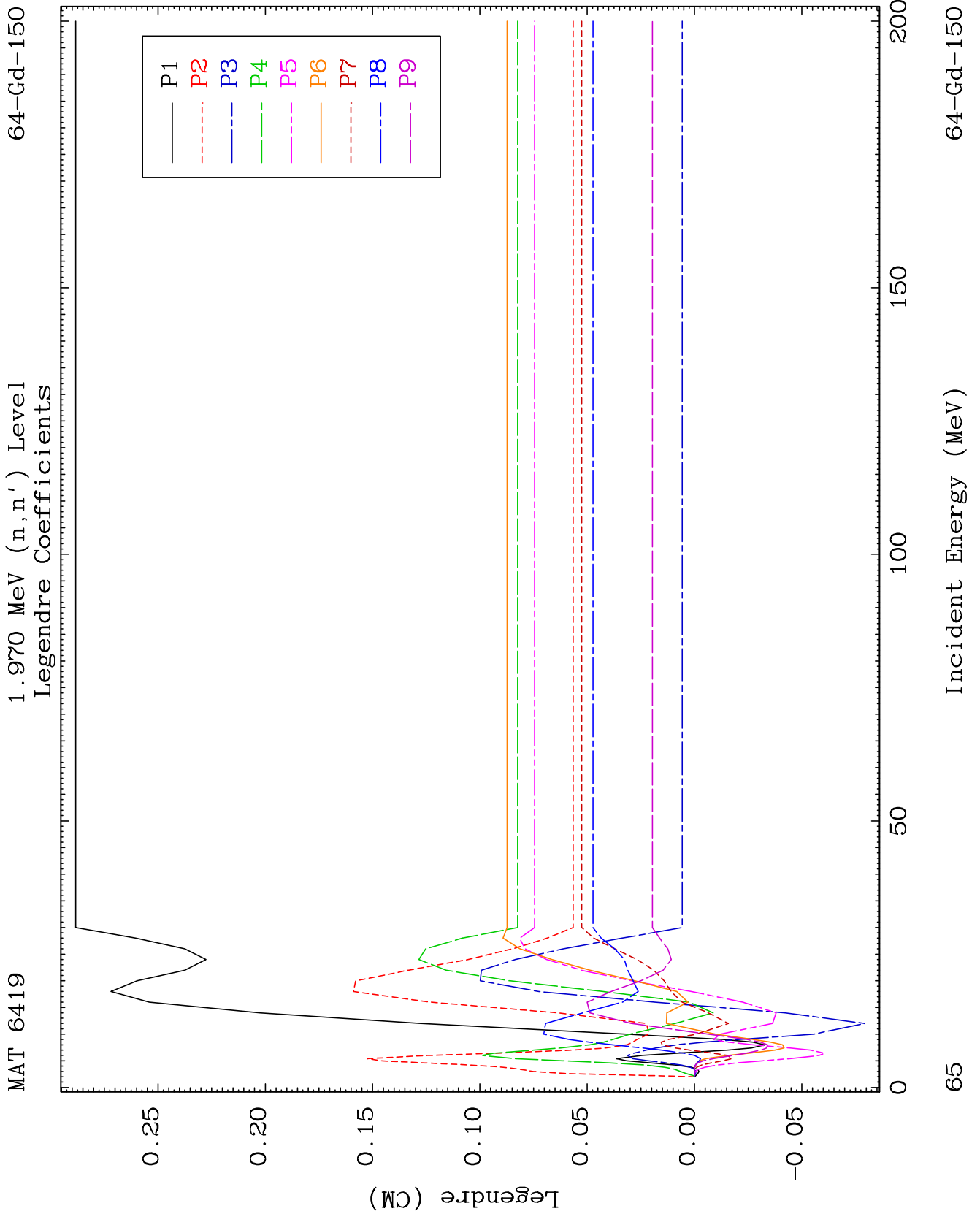


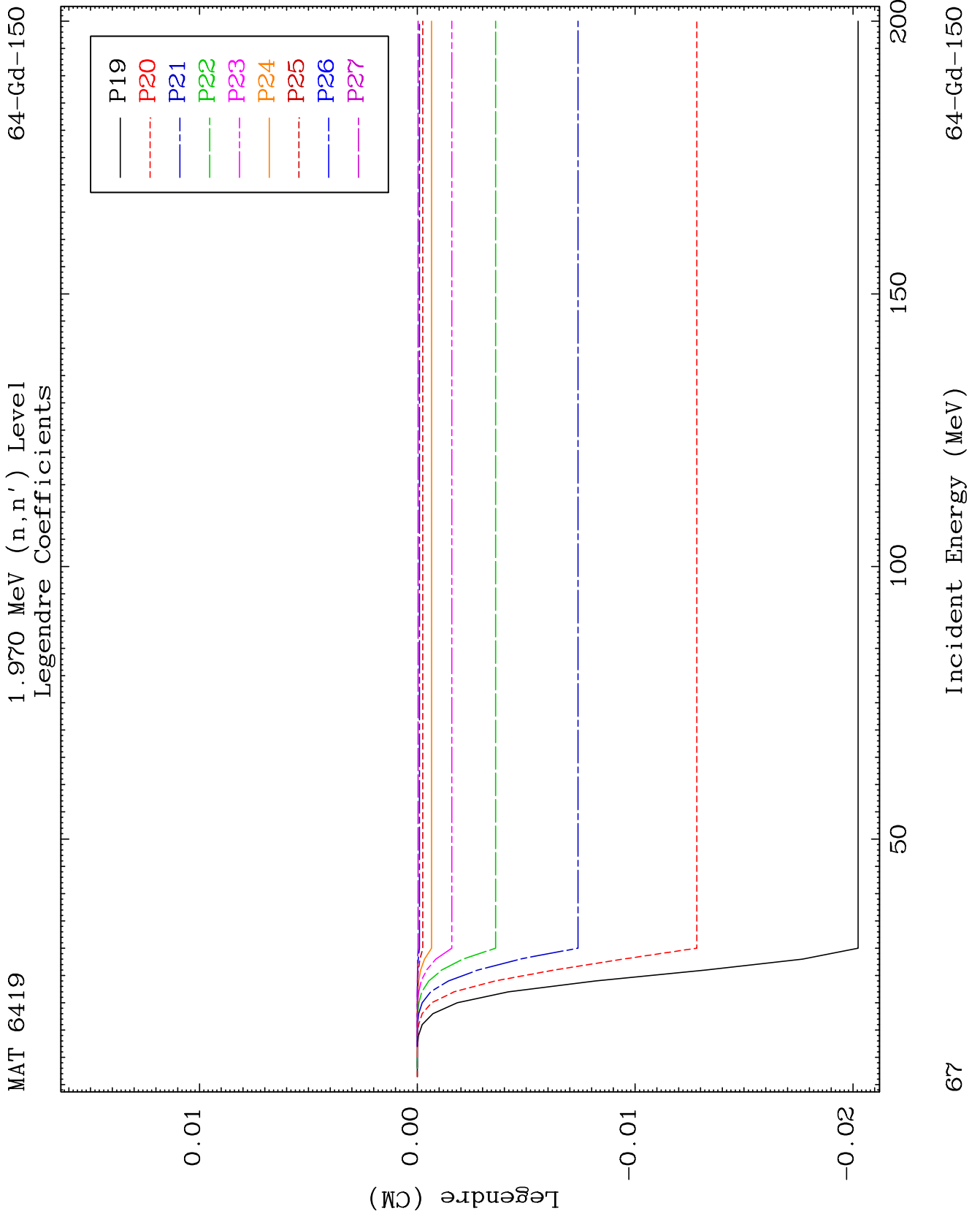


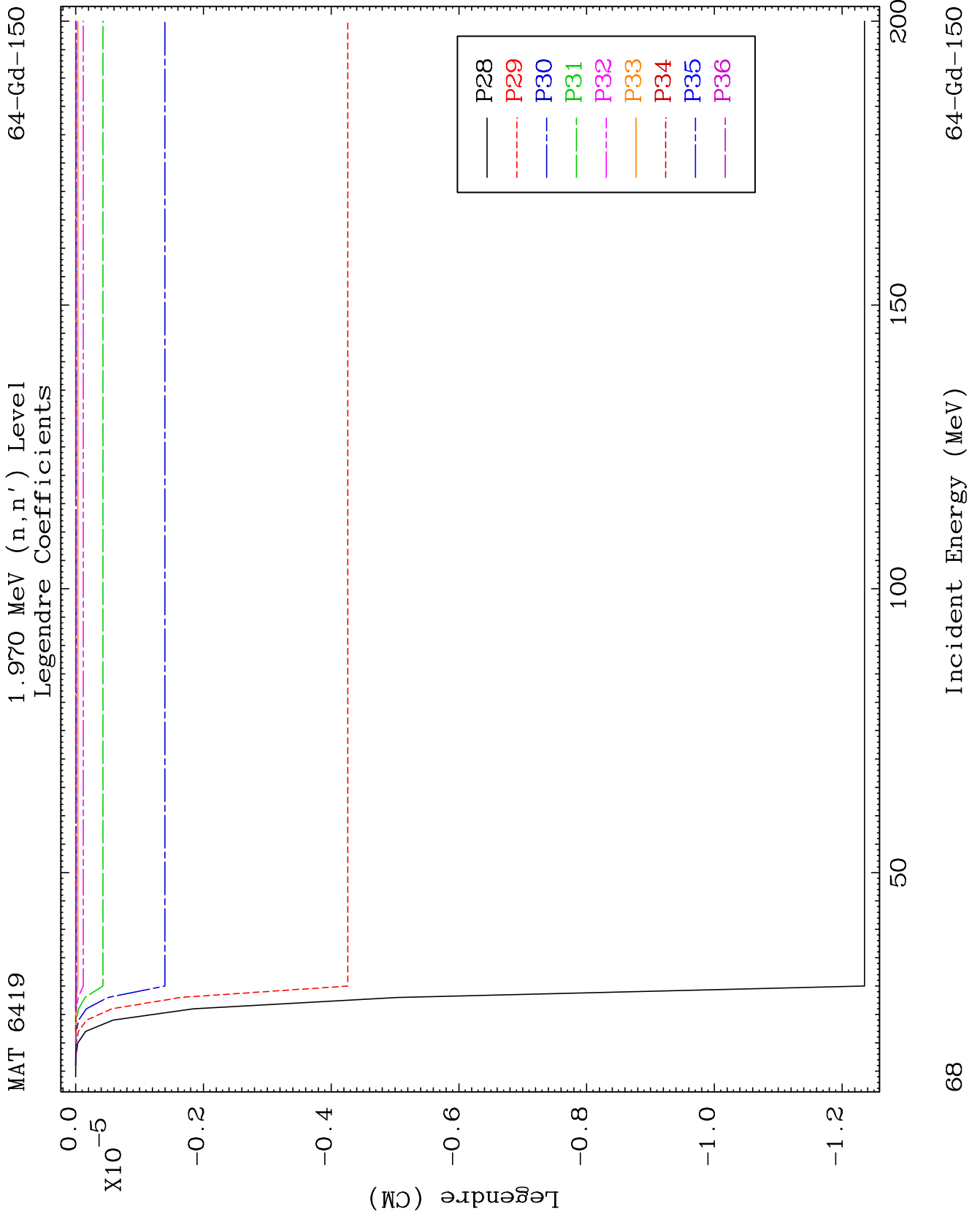


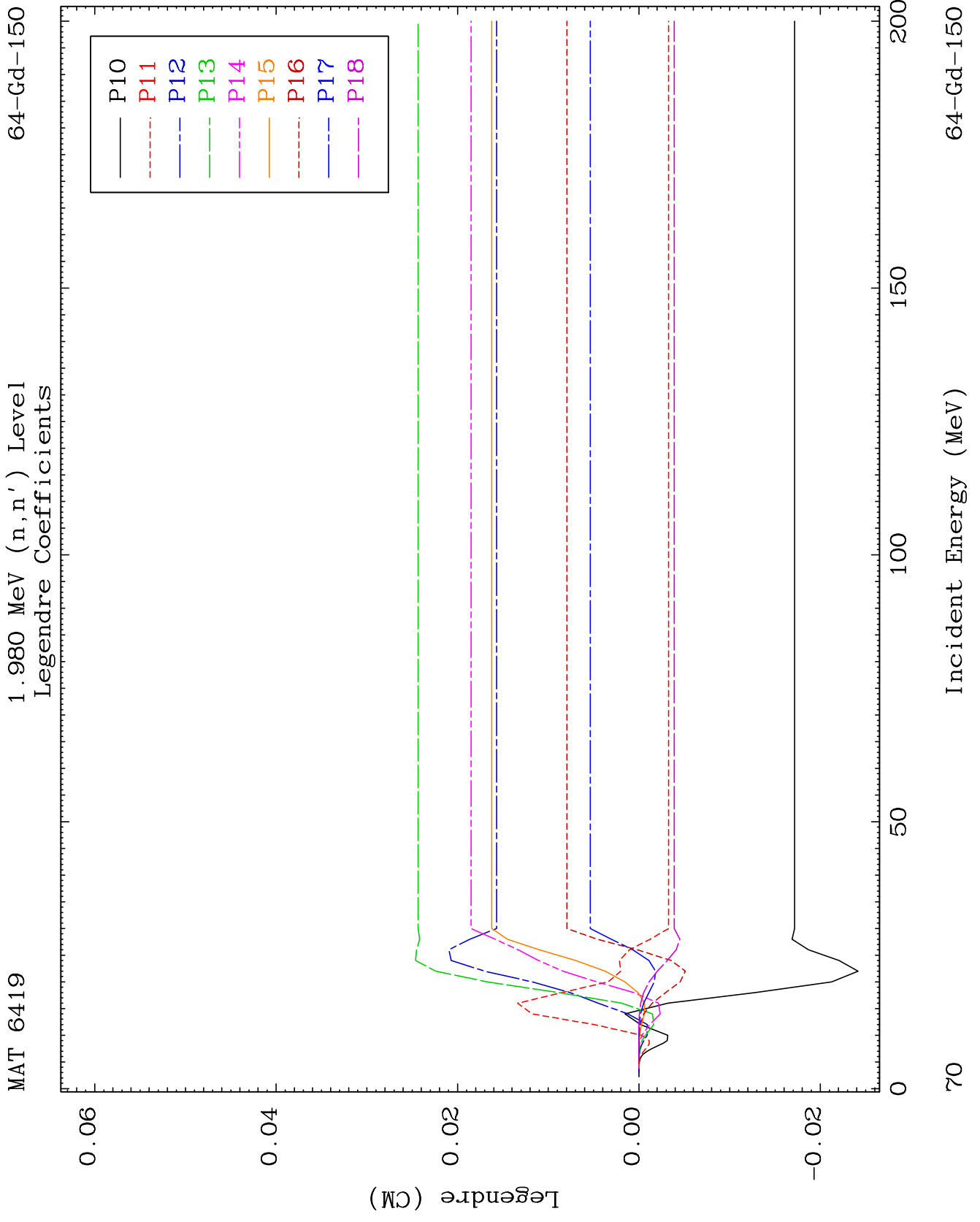


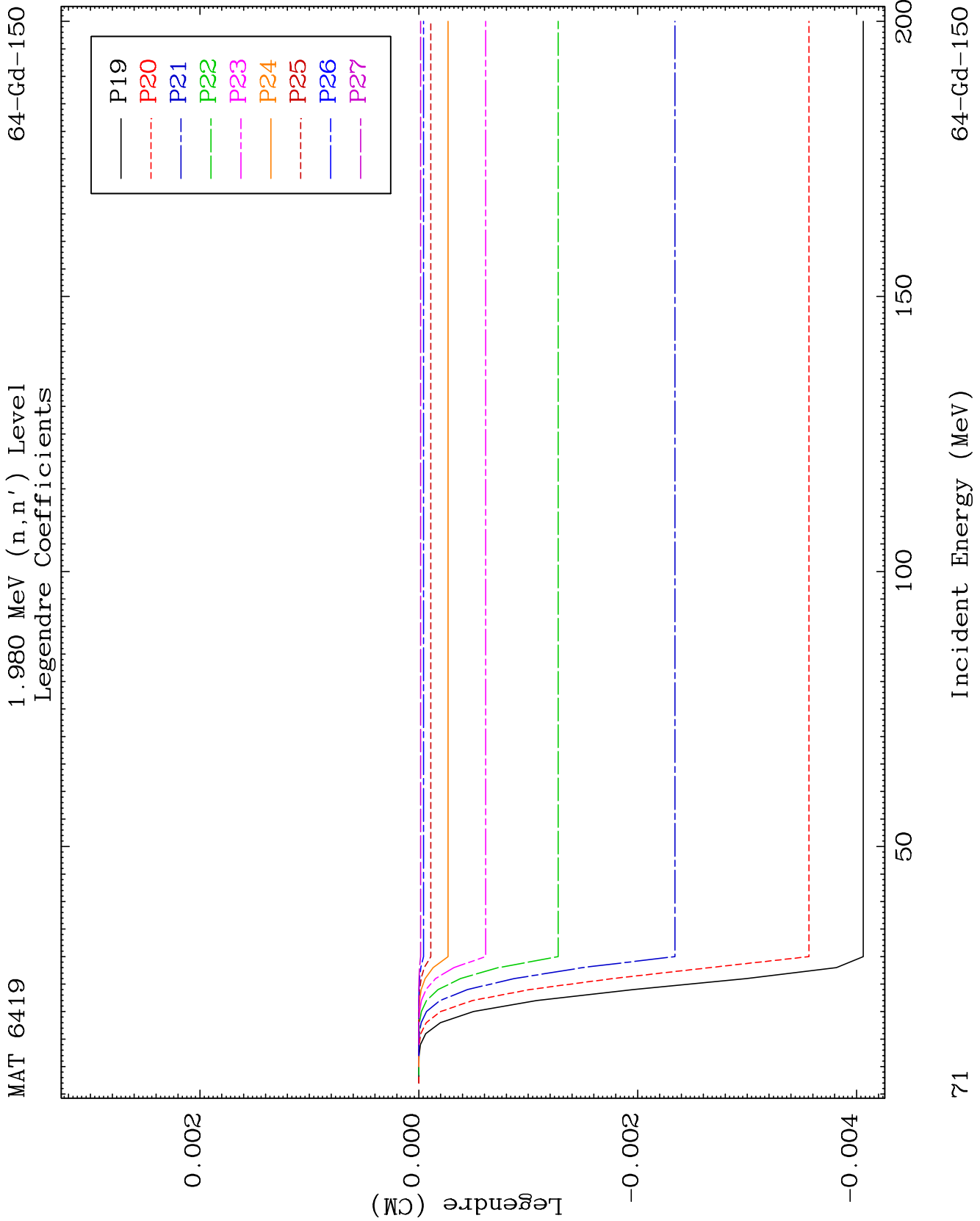


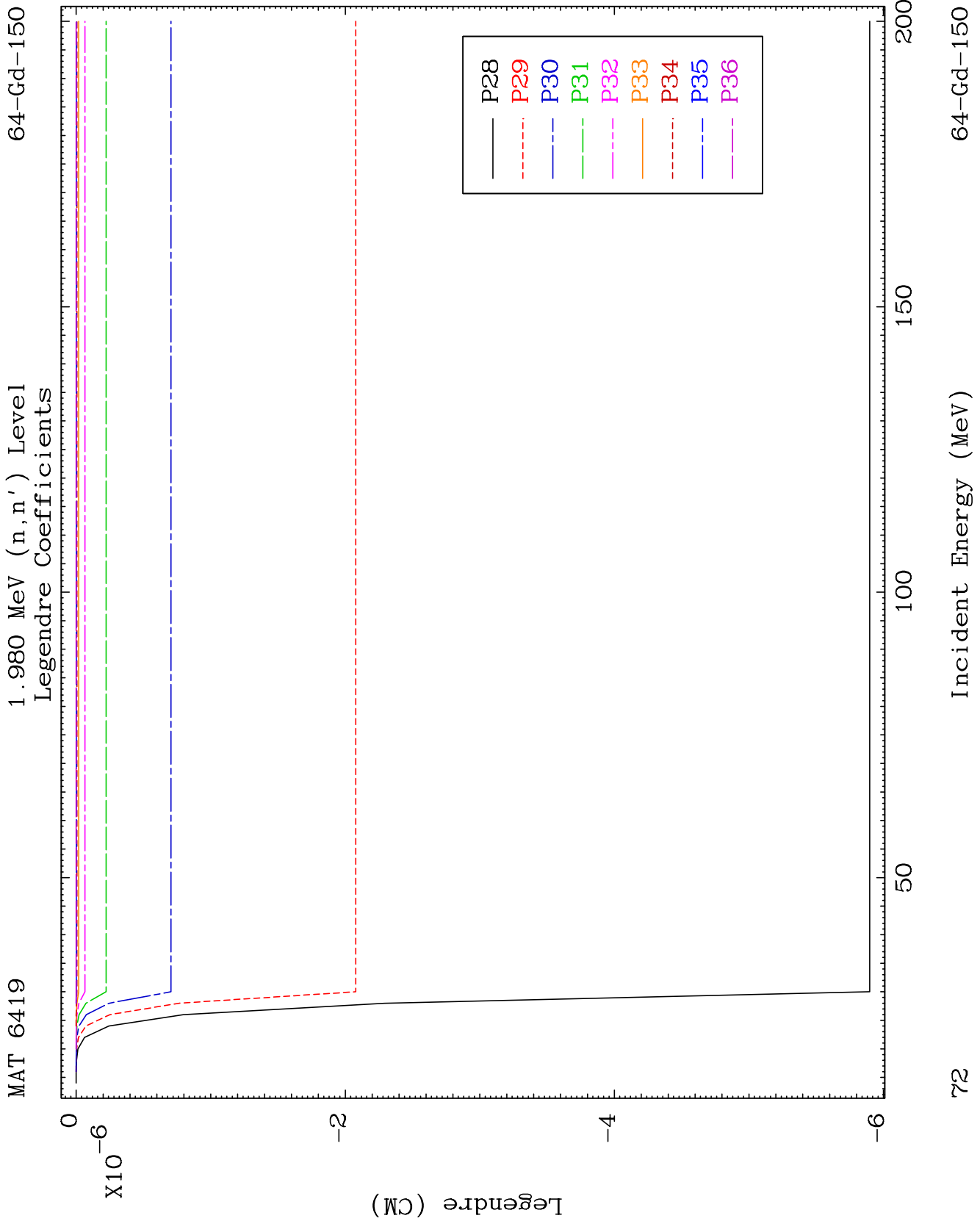


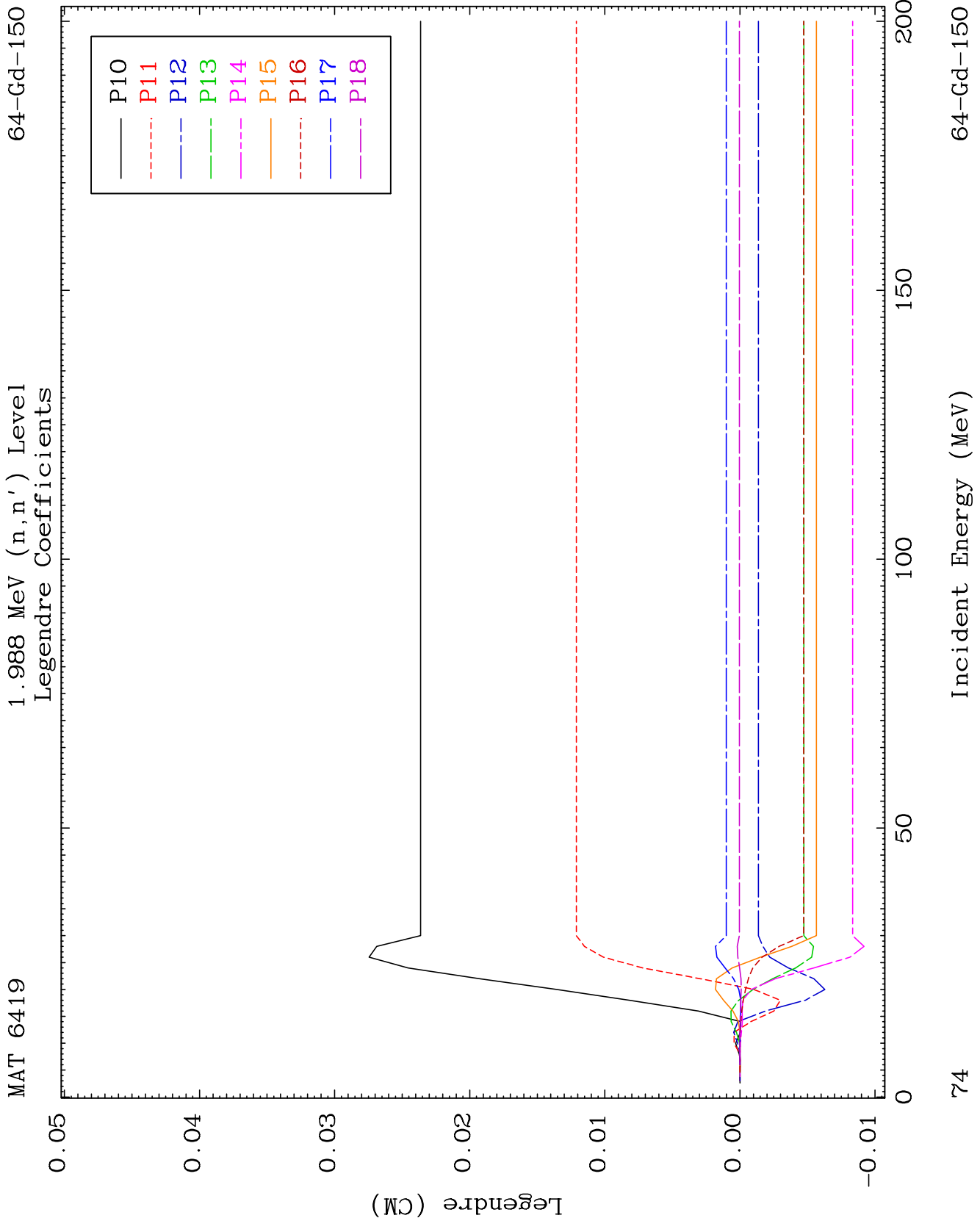


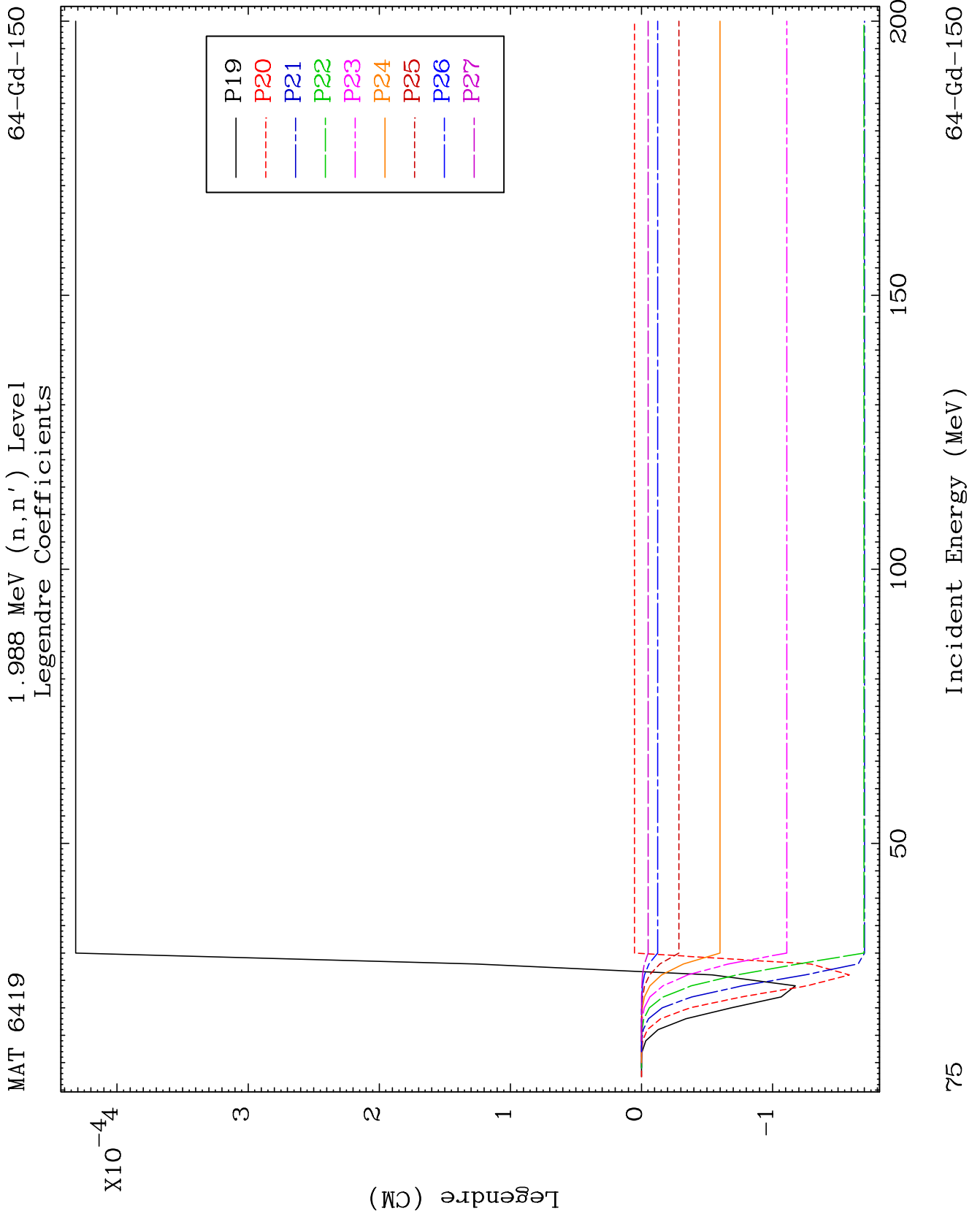


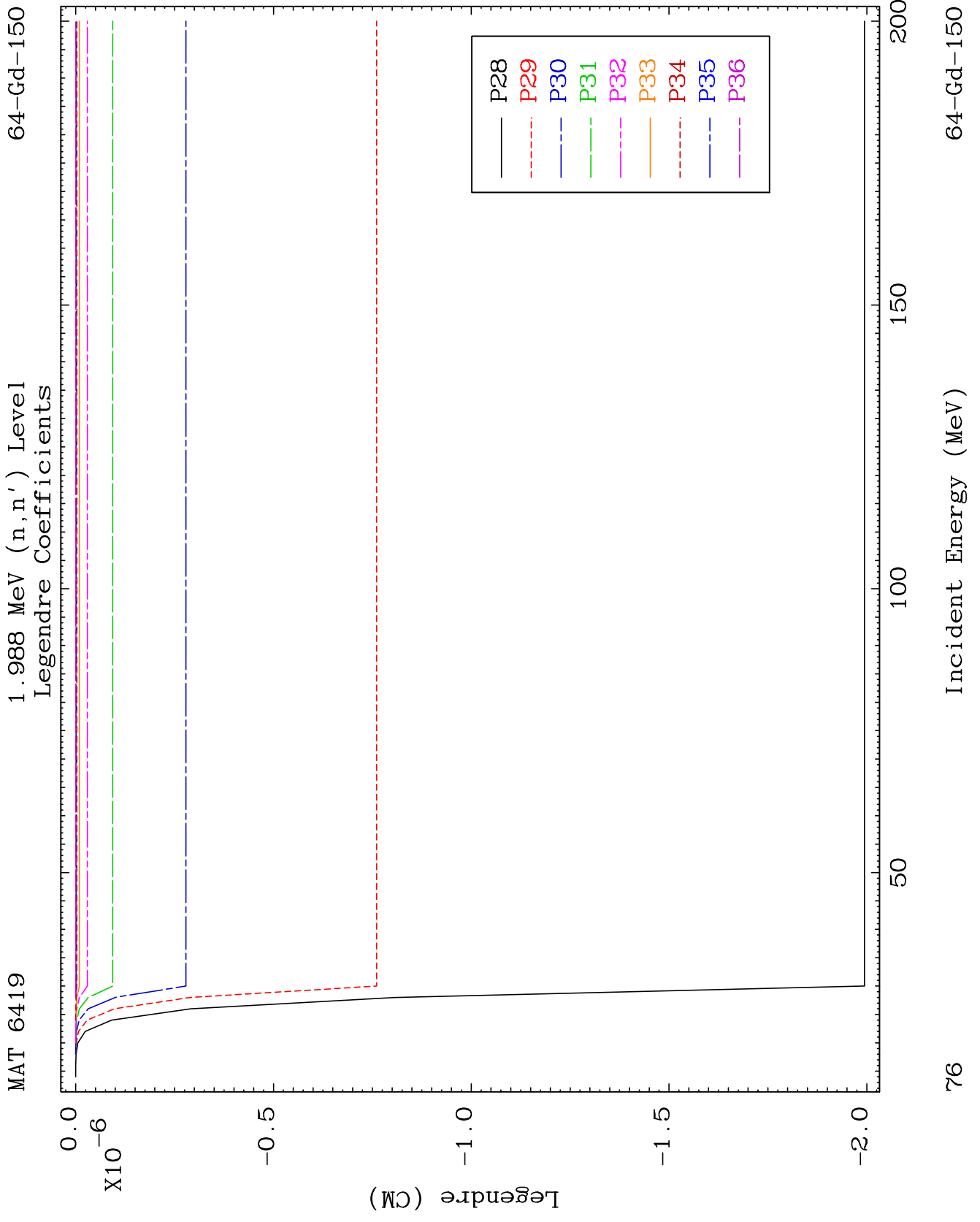


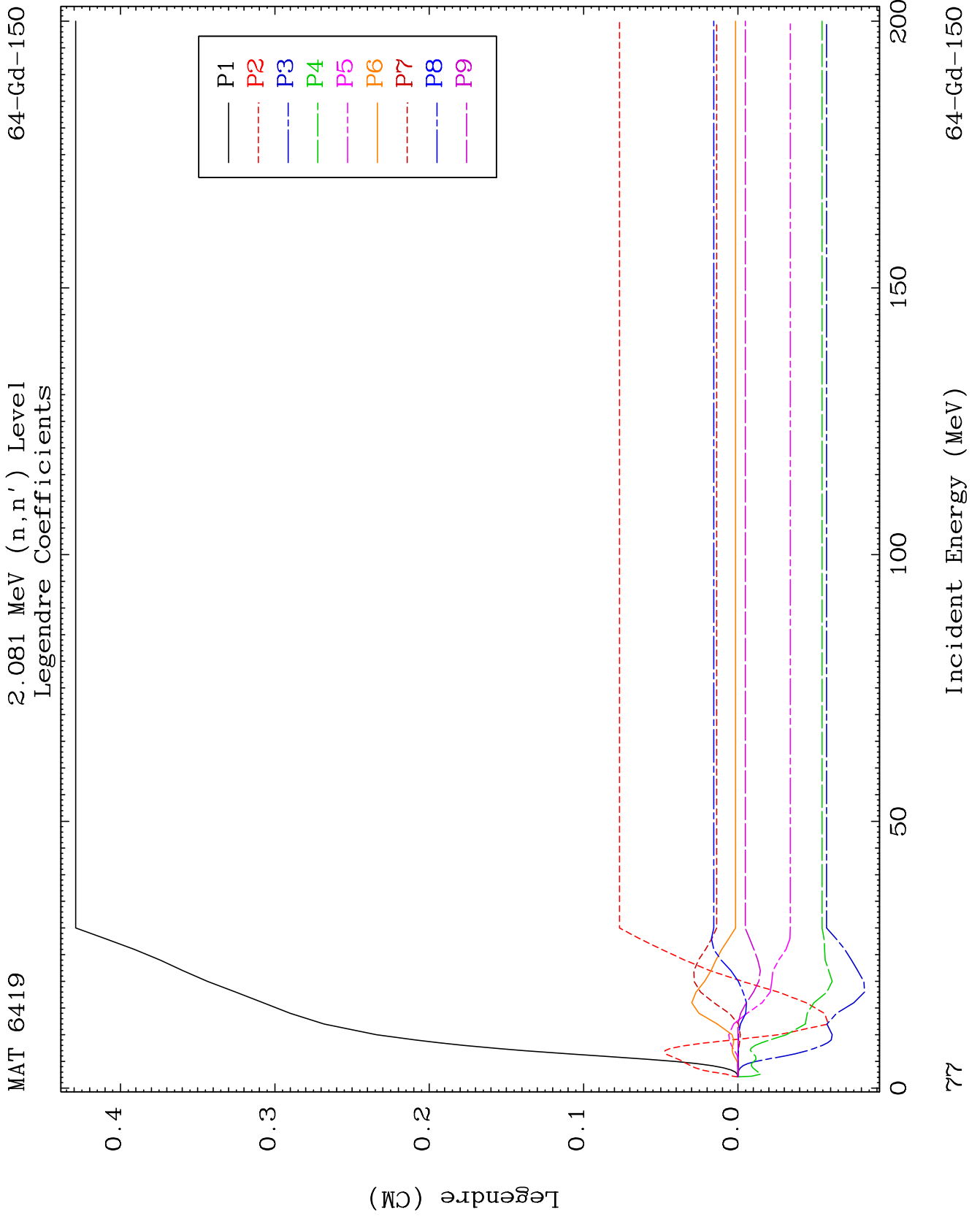


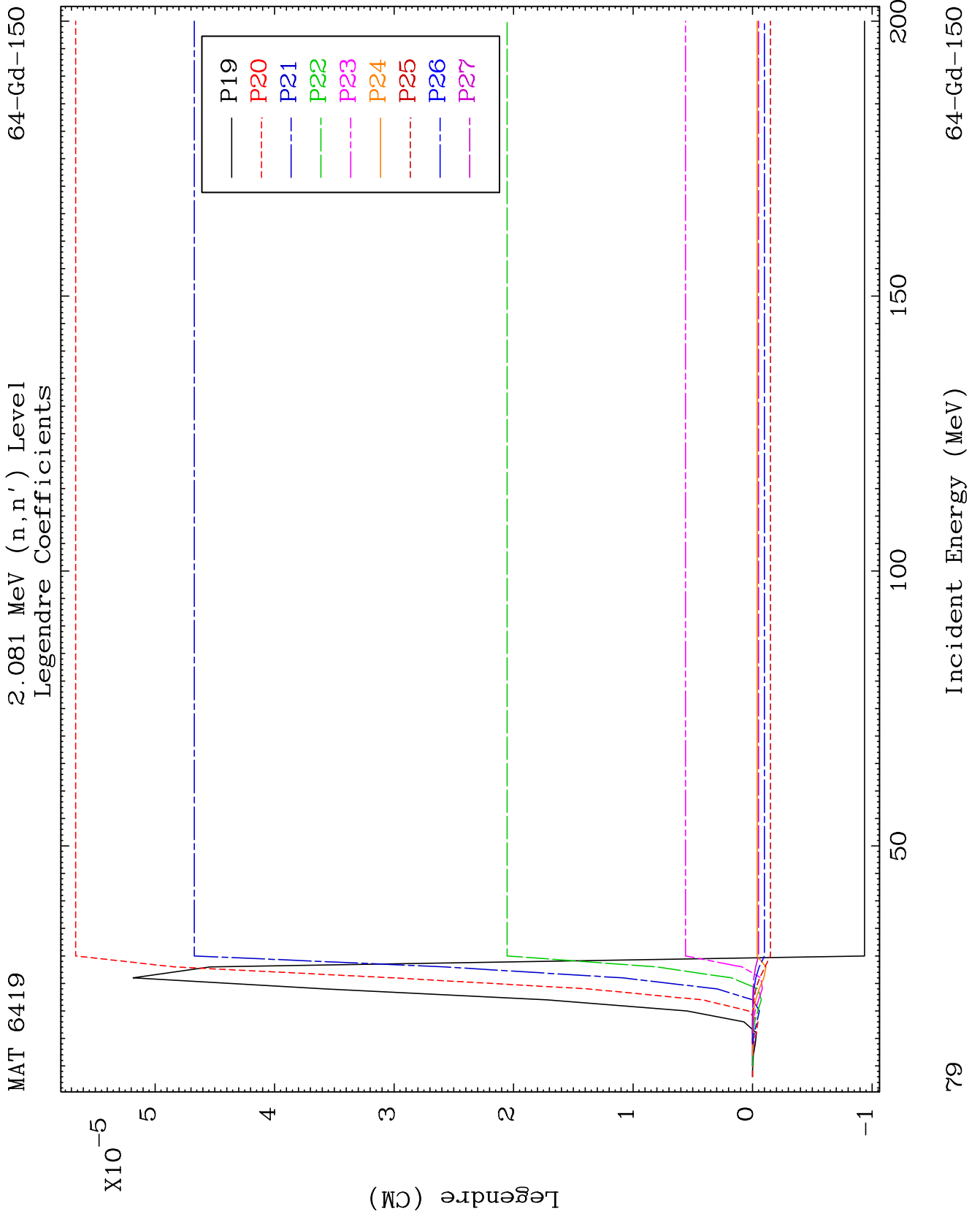


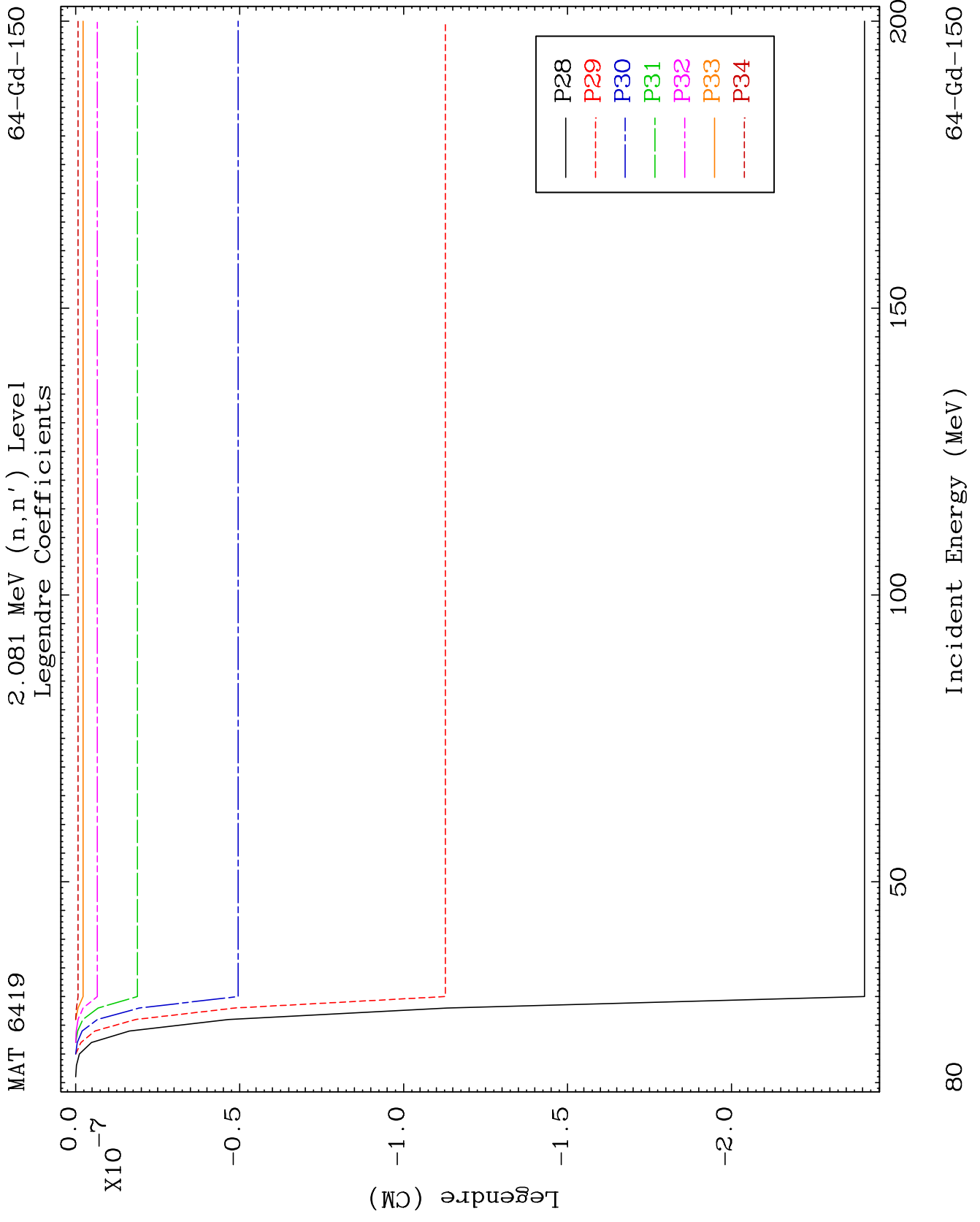


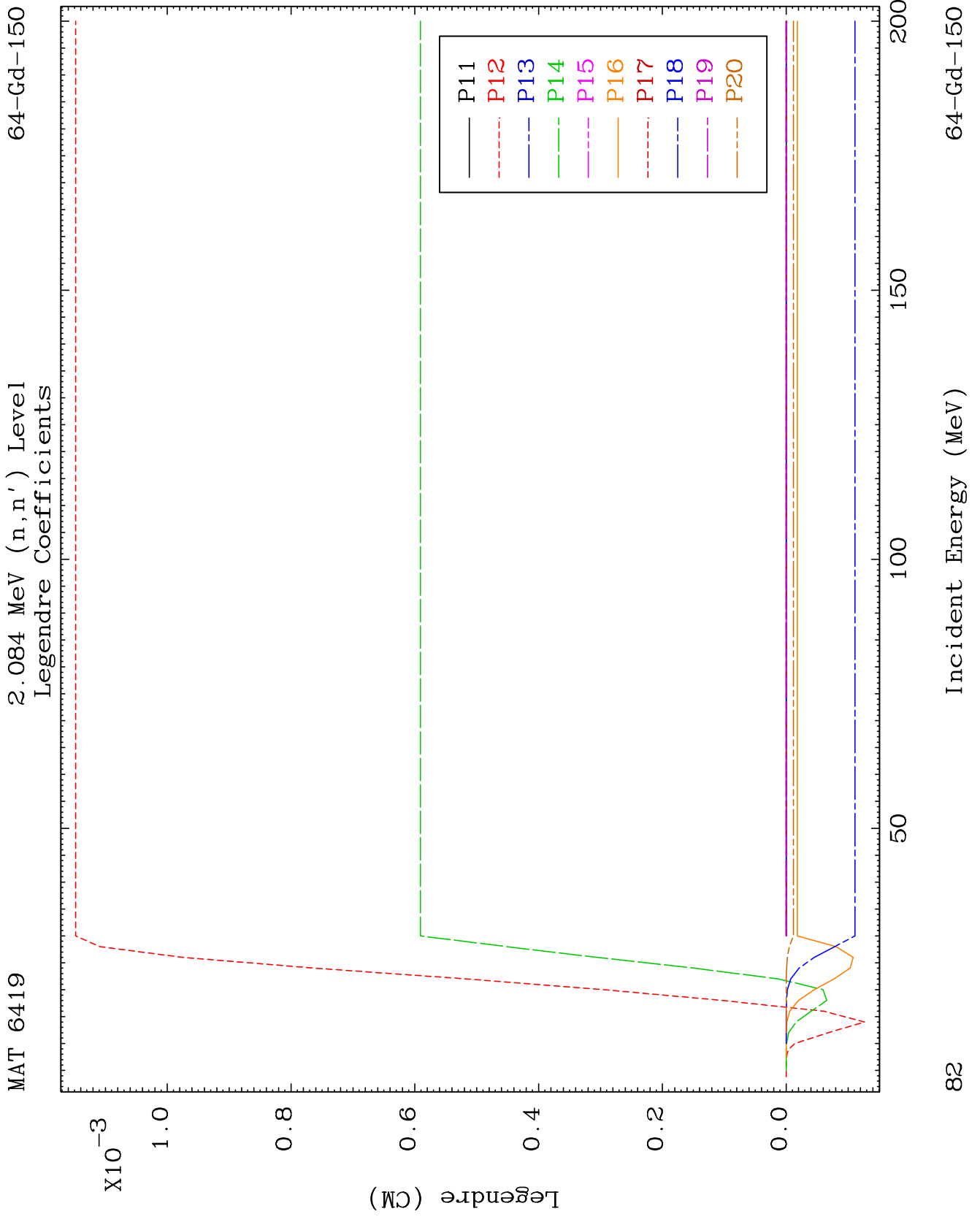


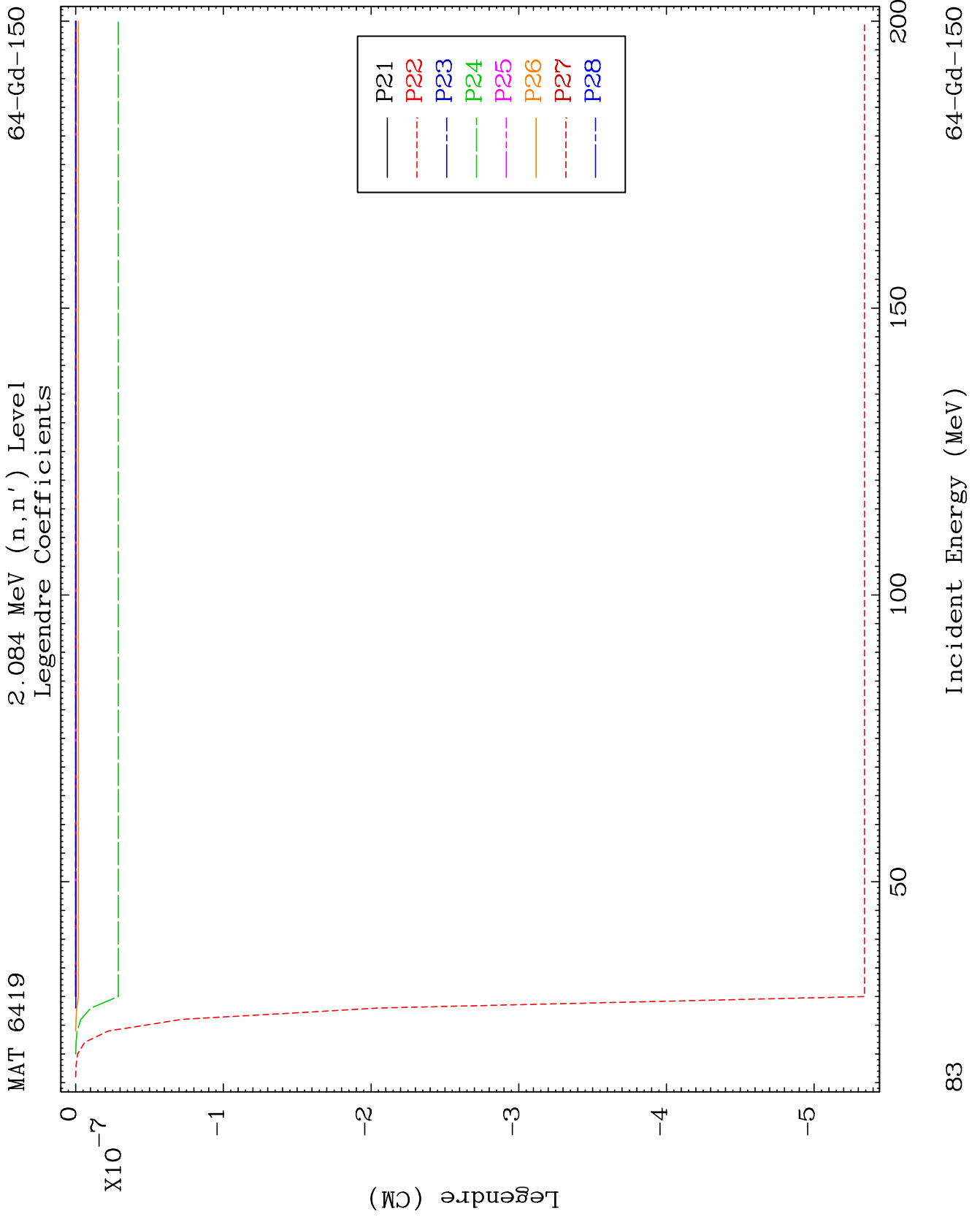


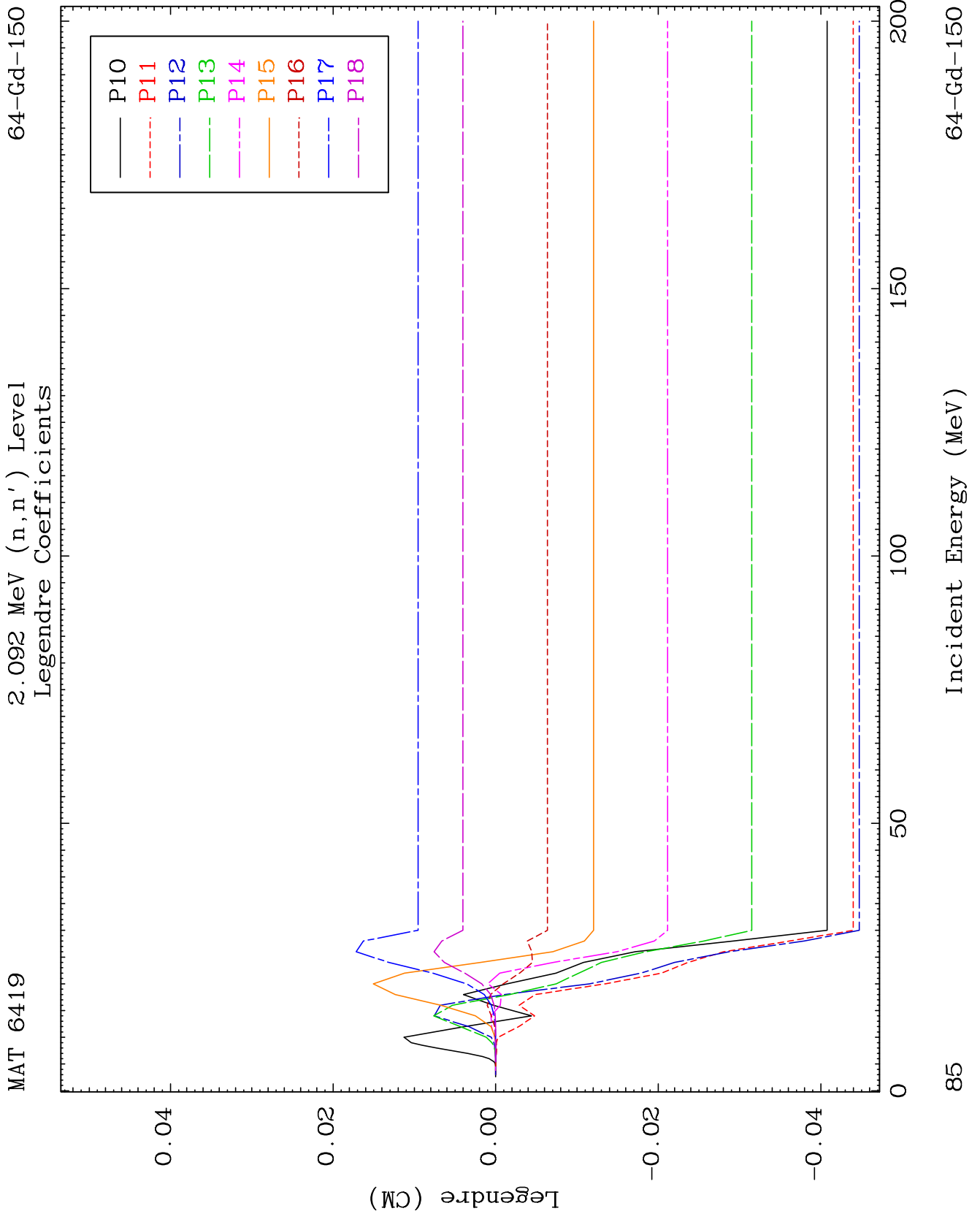








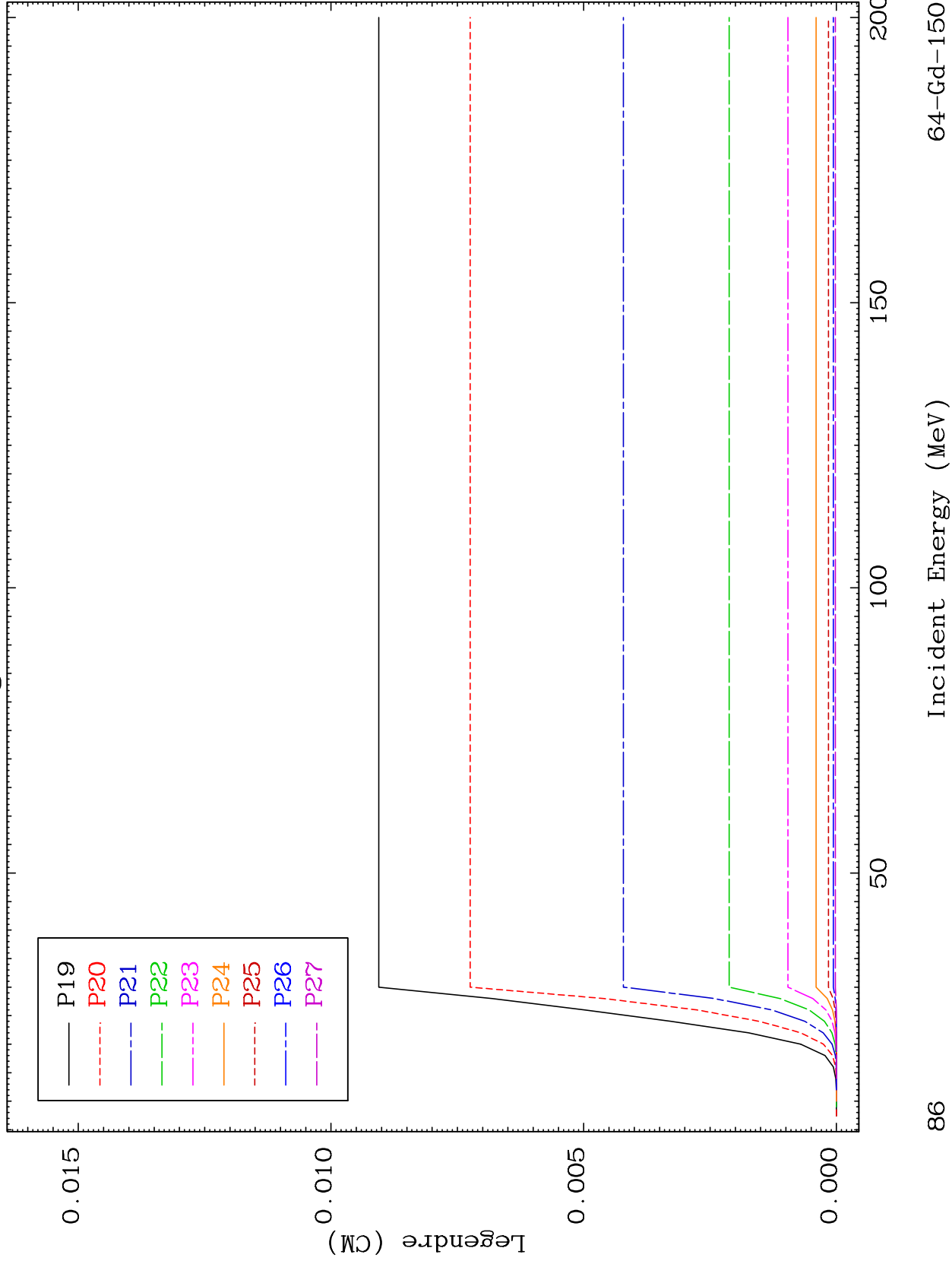




MAT 6419

2.092 MeV (n,n') Level
Legendre Coefficients

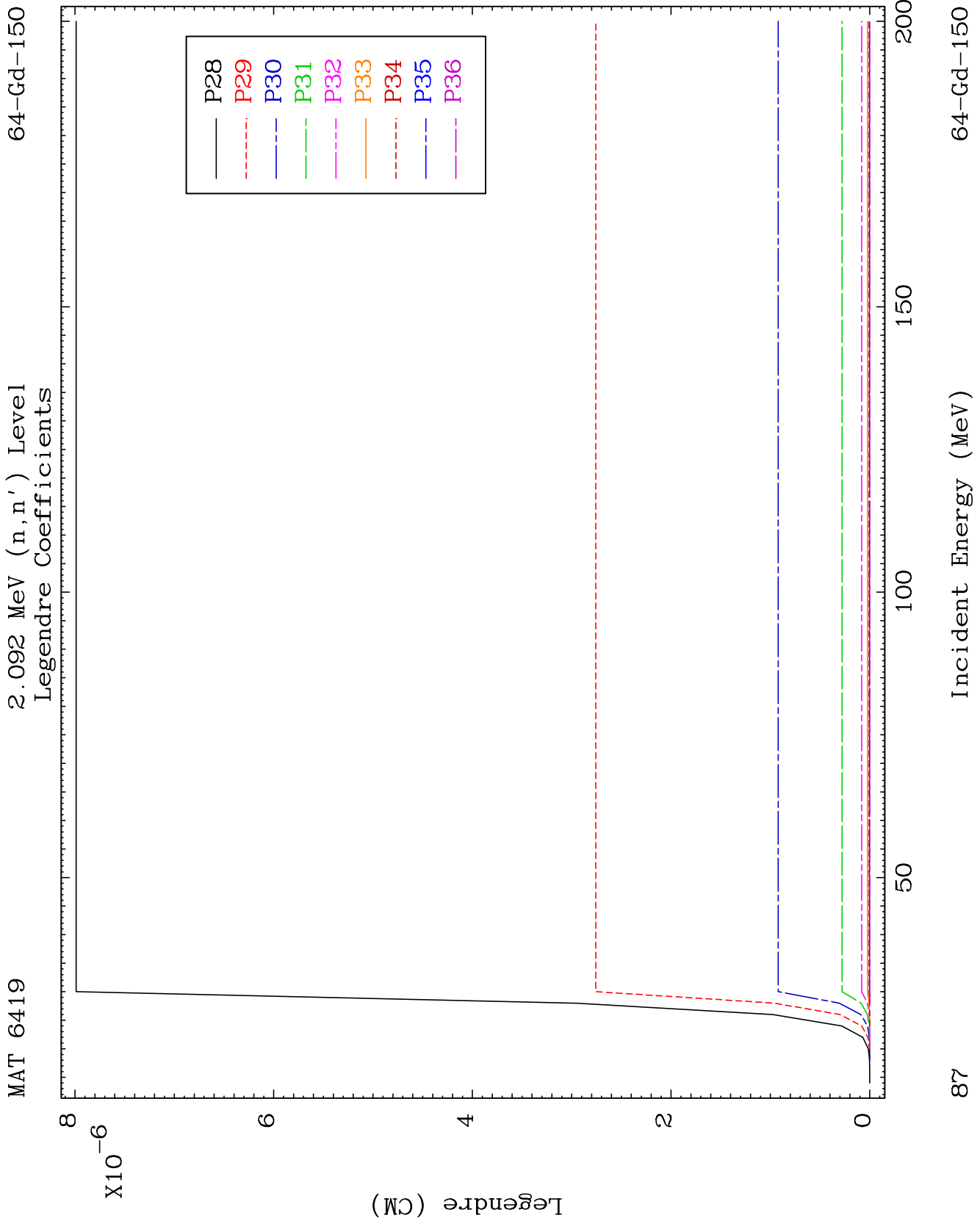
64-Gd-150

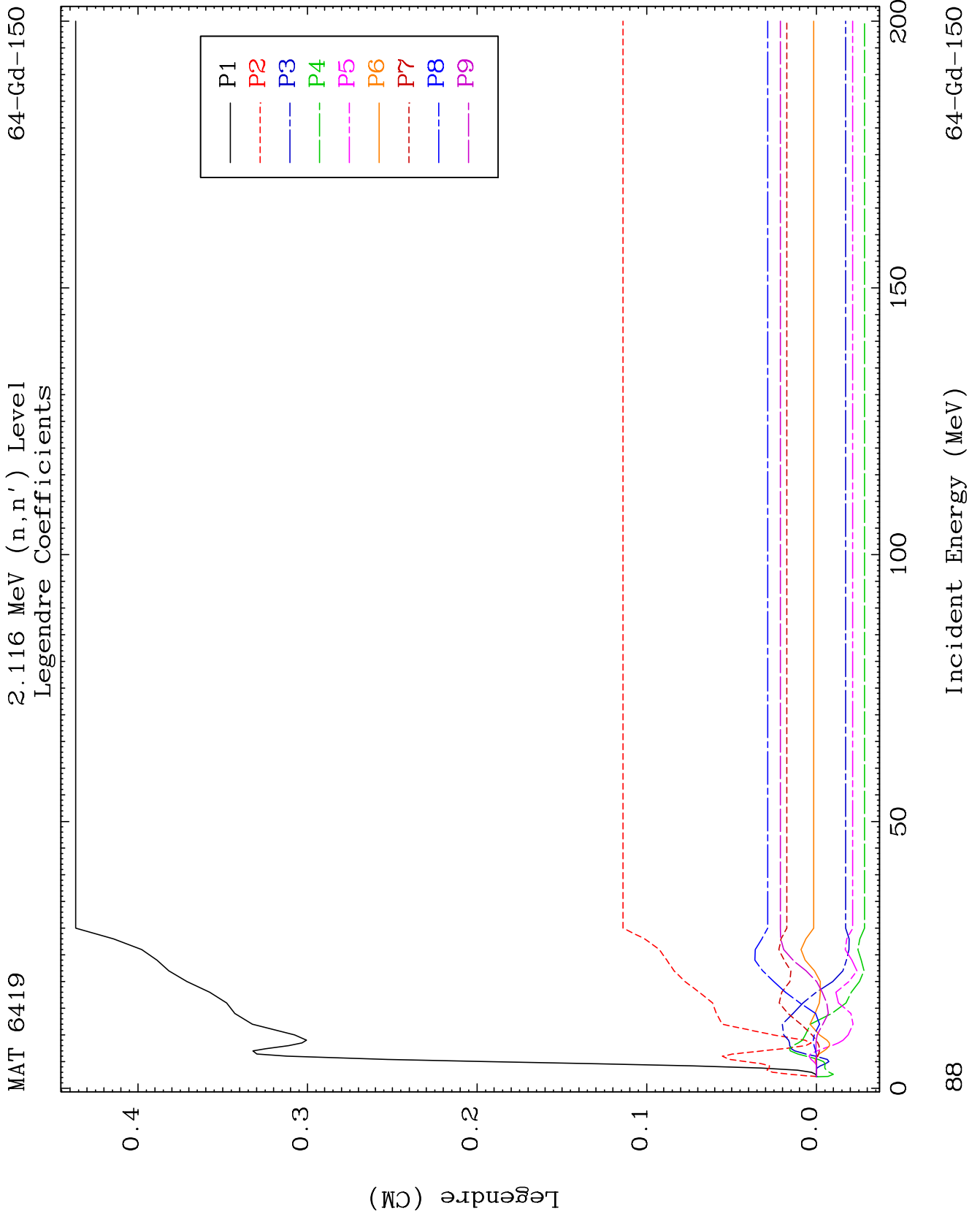


86

Incident Energy (MeV)

64-Gd-150

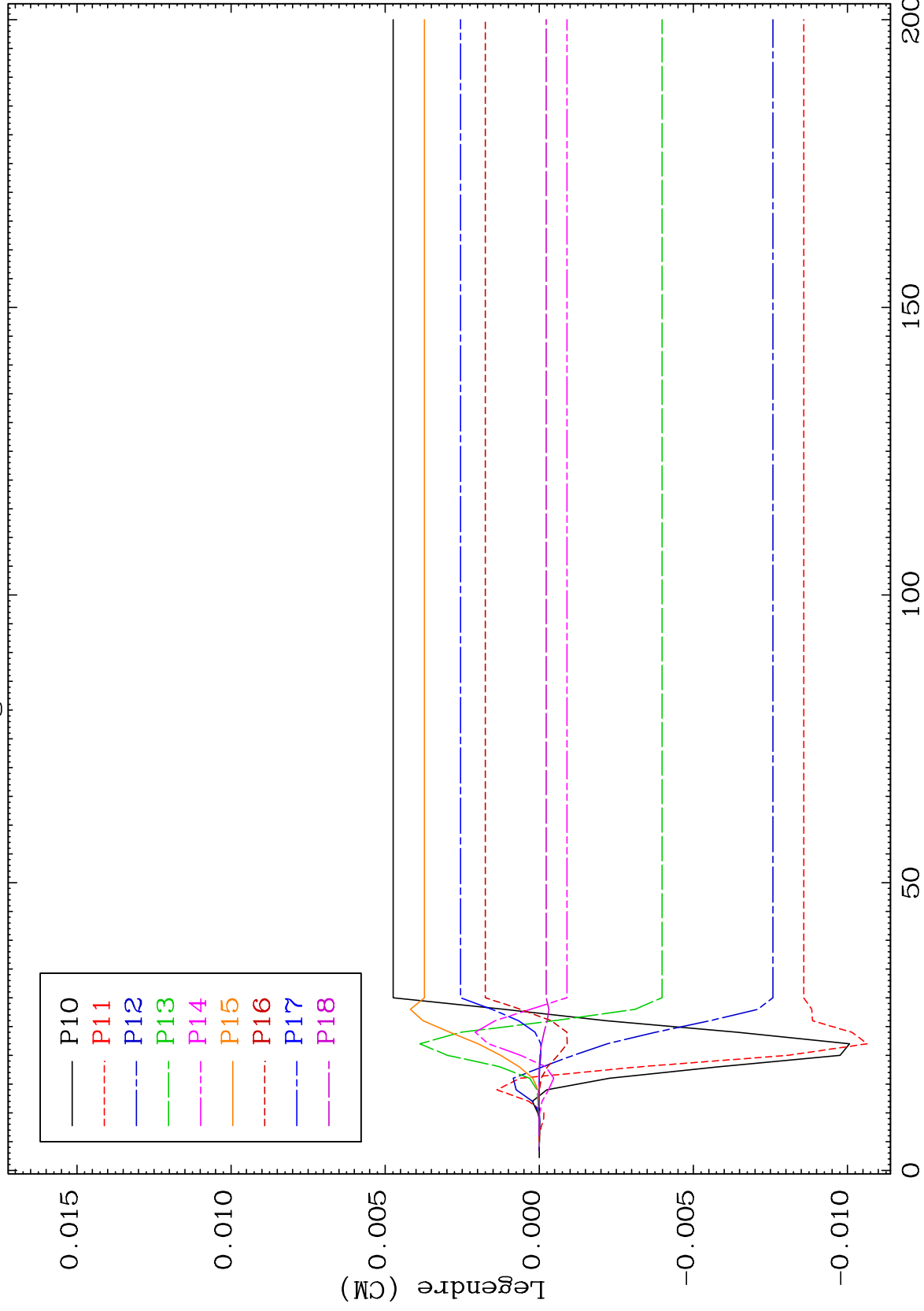




MAT 6419

2.116 MeV (n, n') Level
Legendre Coefficients

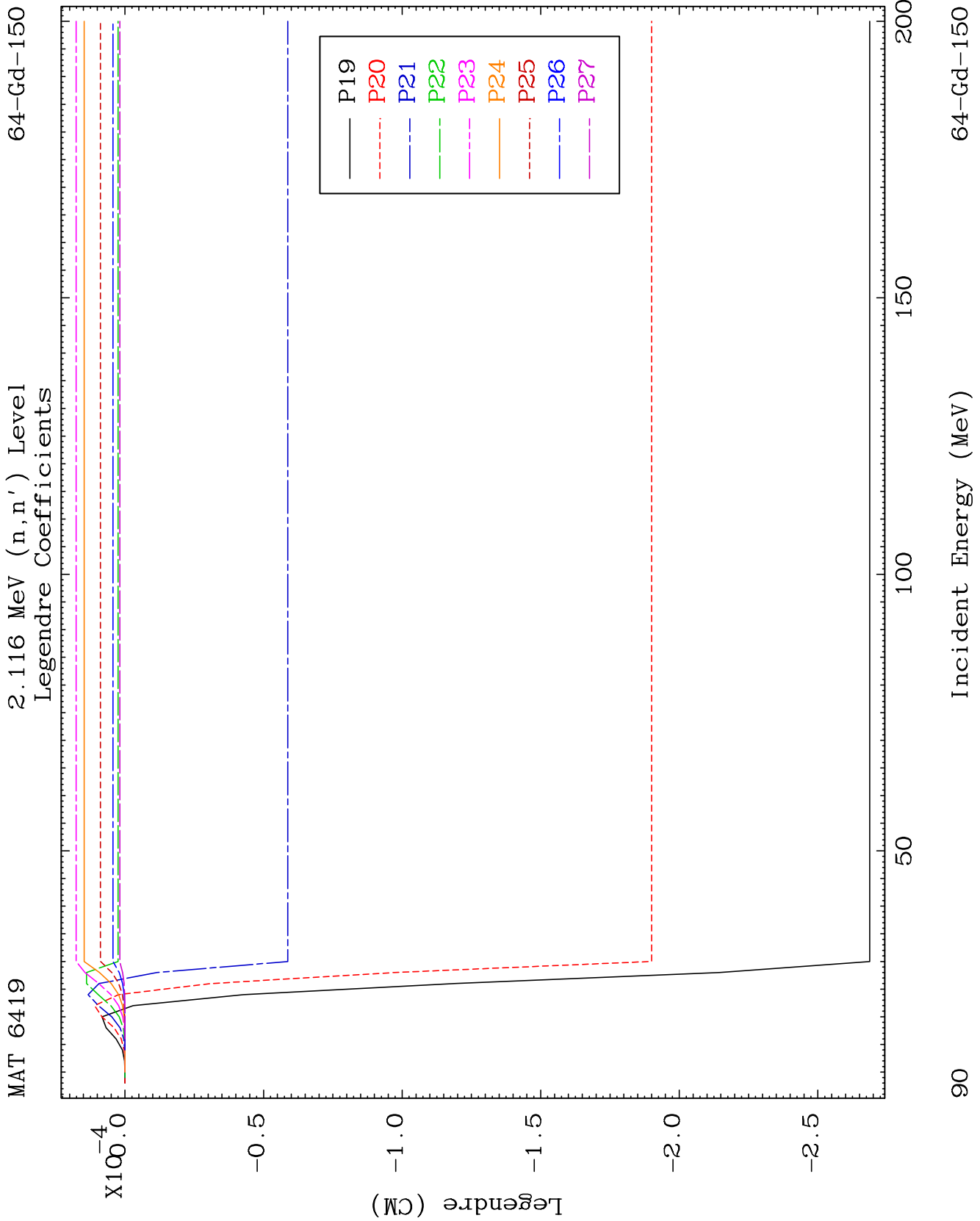
64-Gd-150

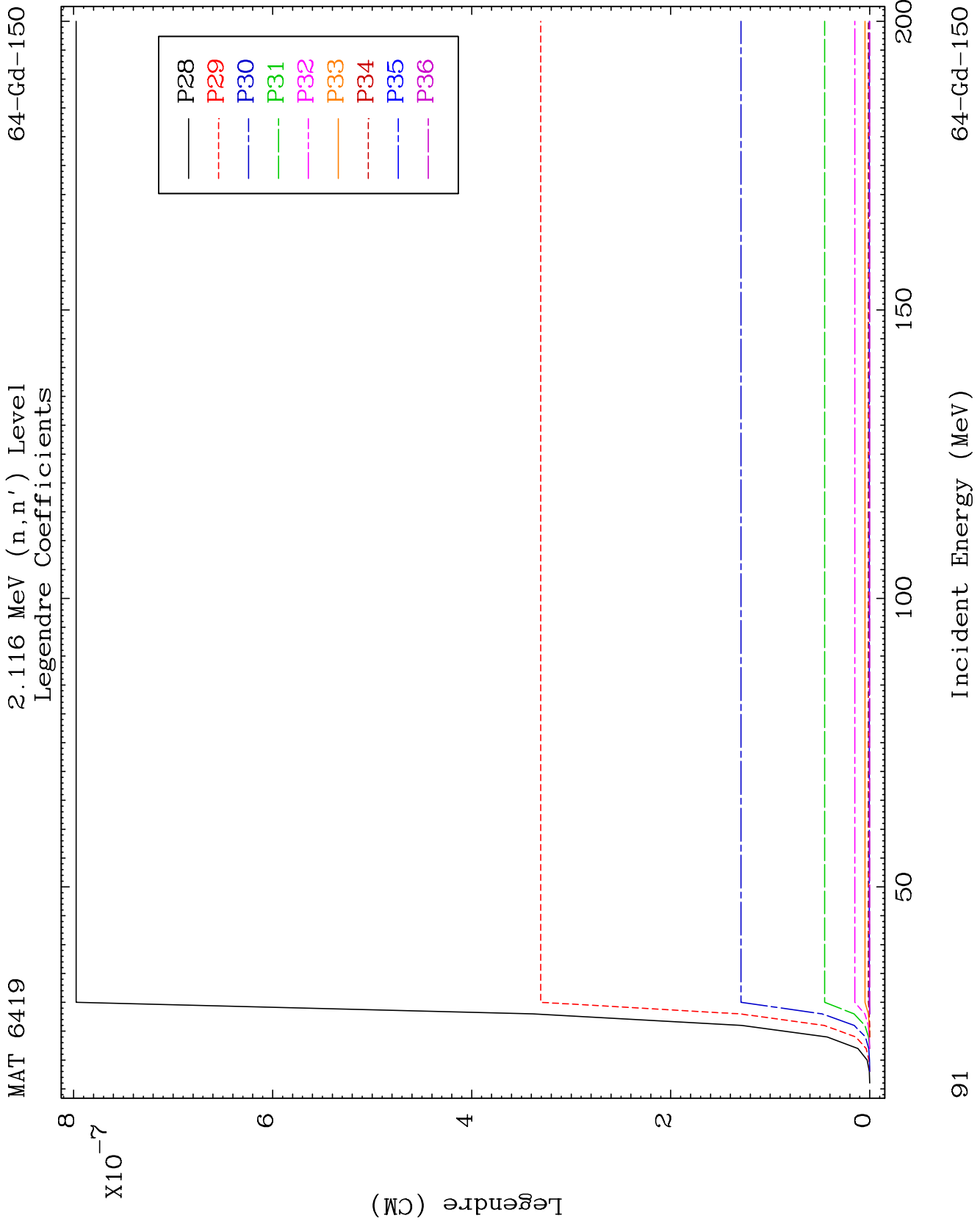


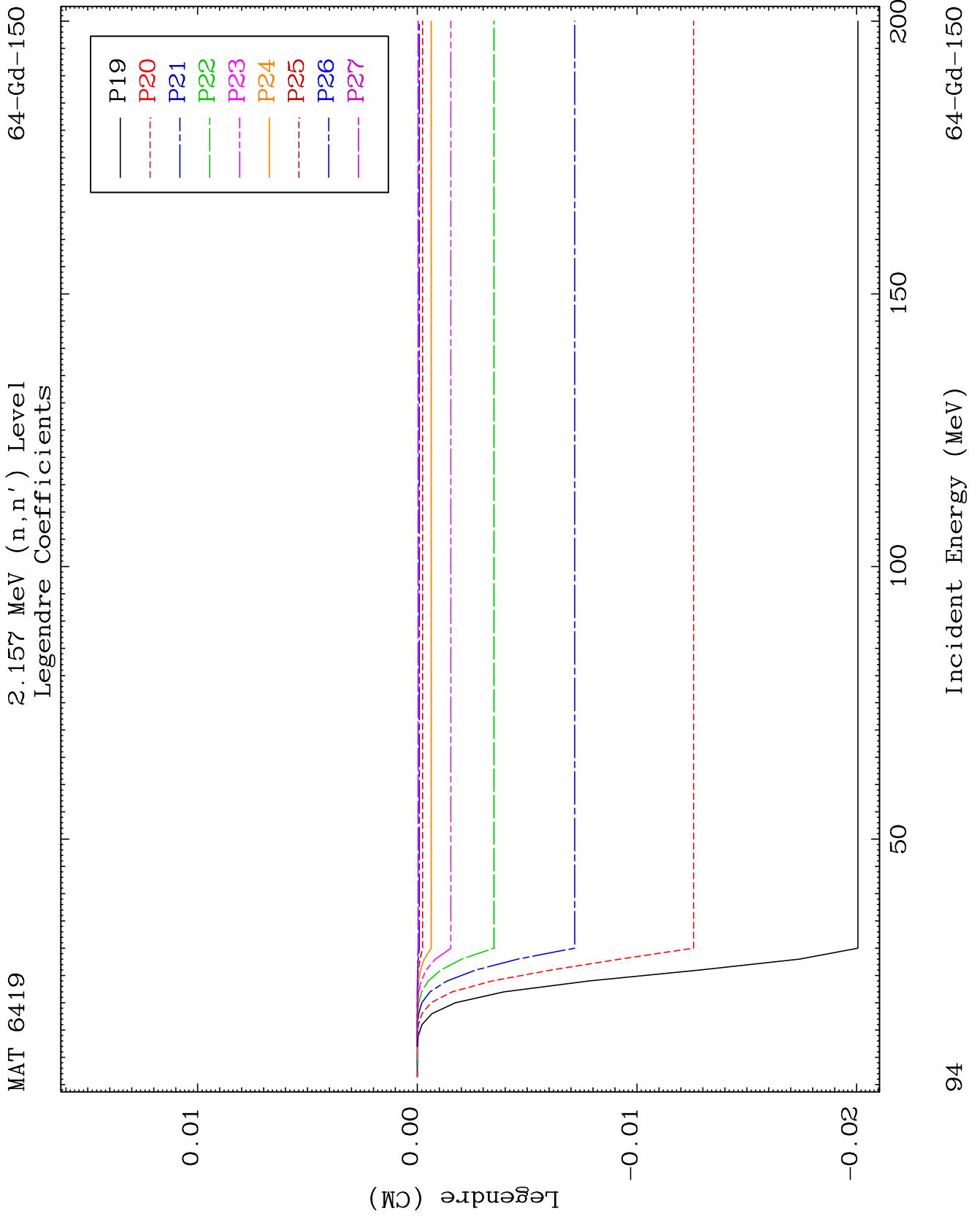
89

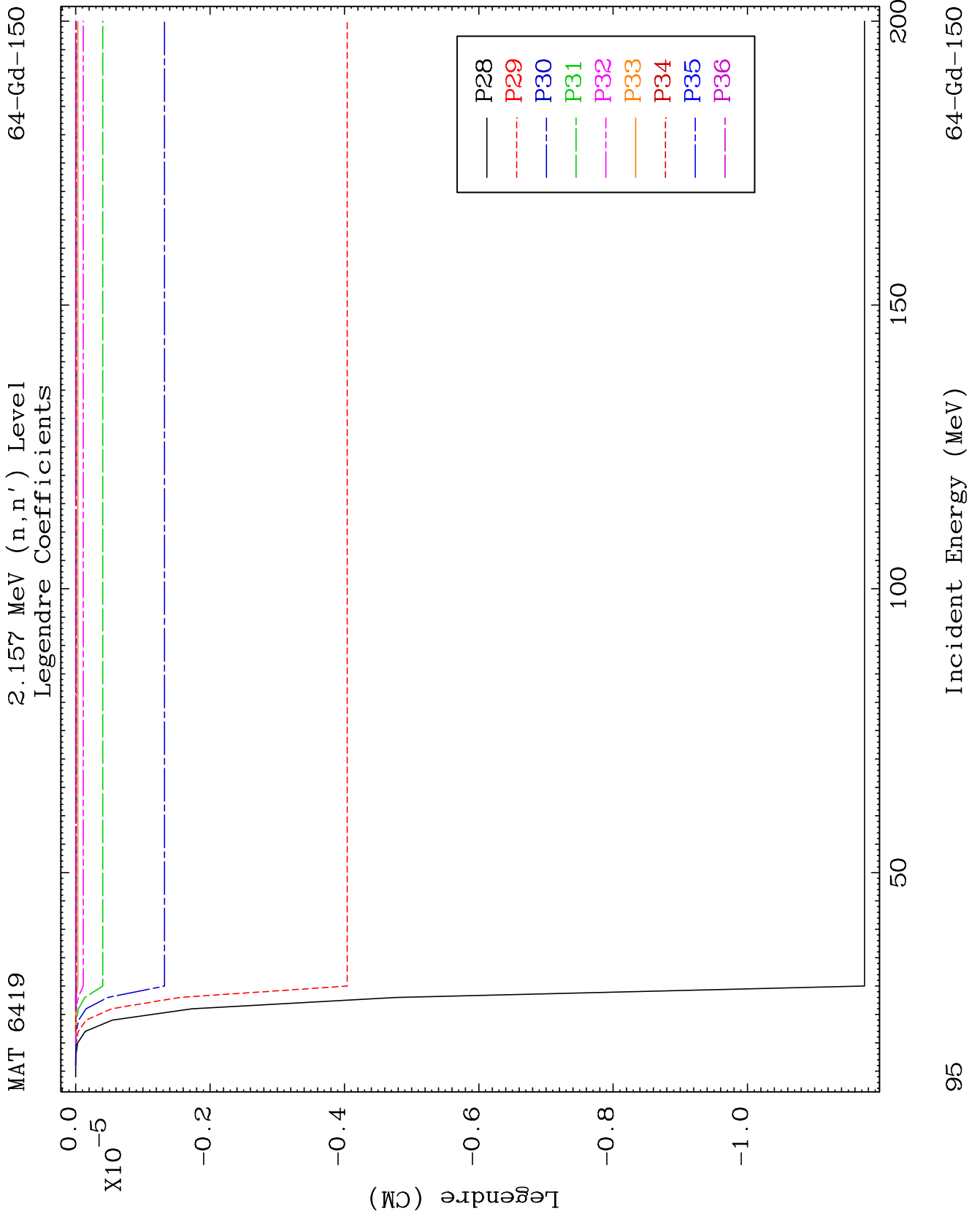
Incident Energy (MeV)

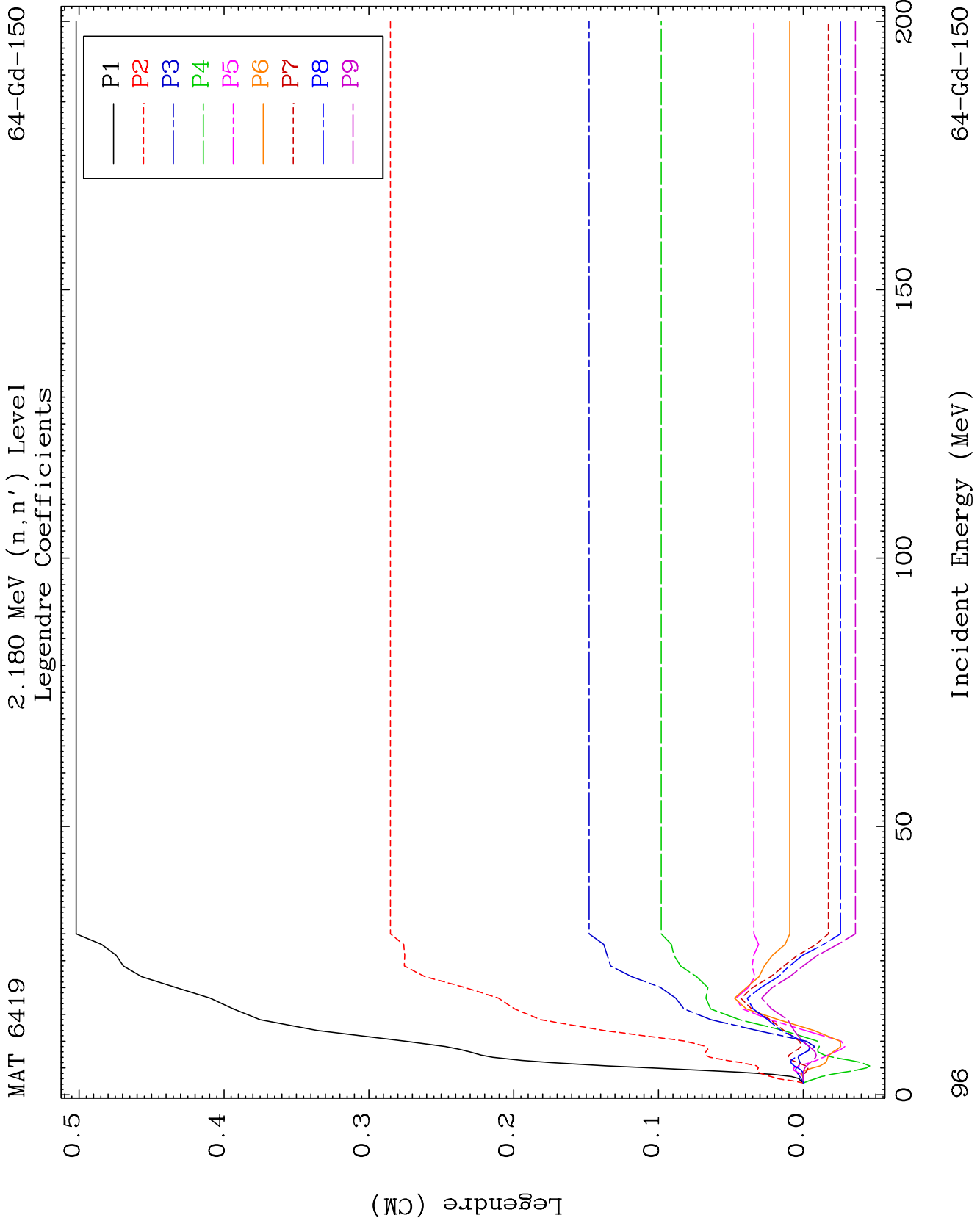
64-Gd-150







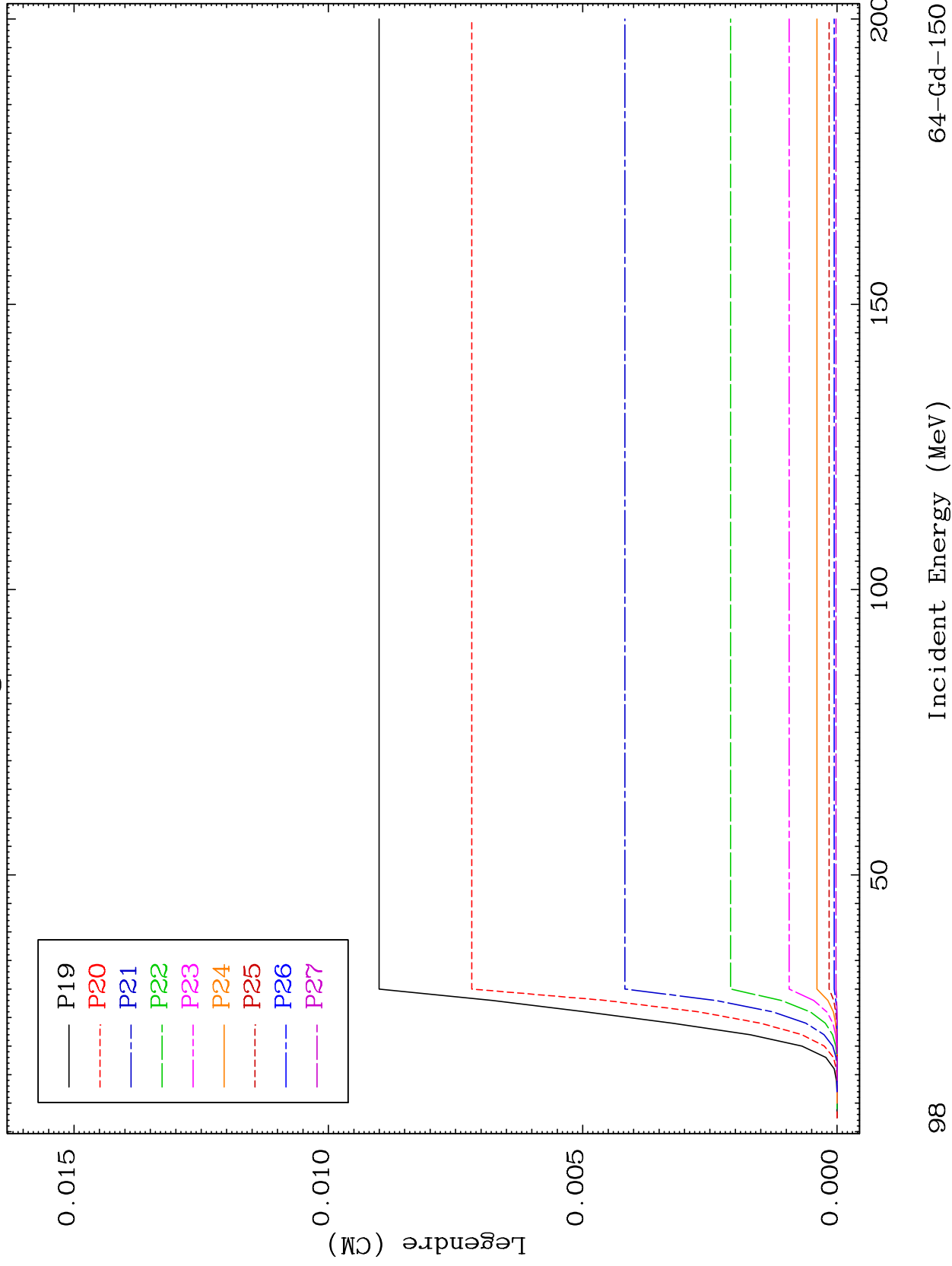




MAT 6419

2.180 MeV (n,n') Level
Legendre Coefficients

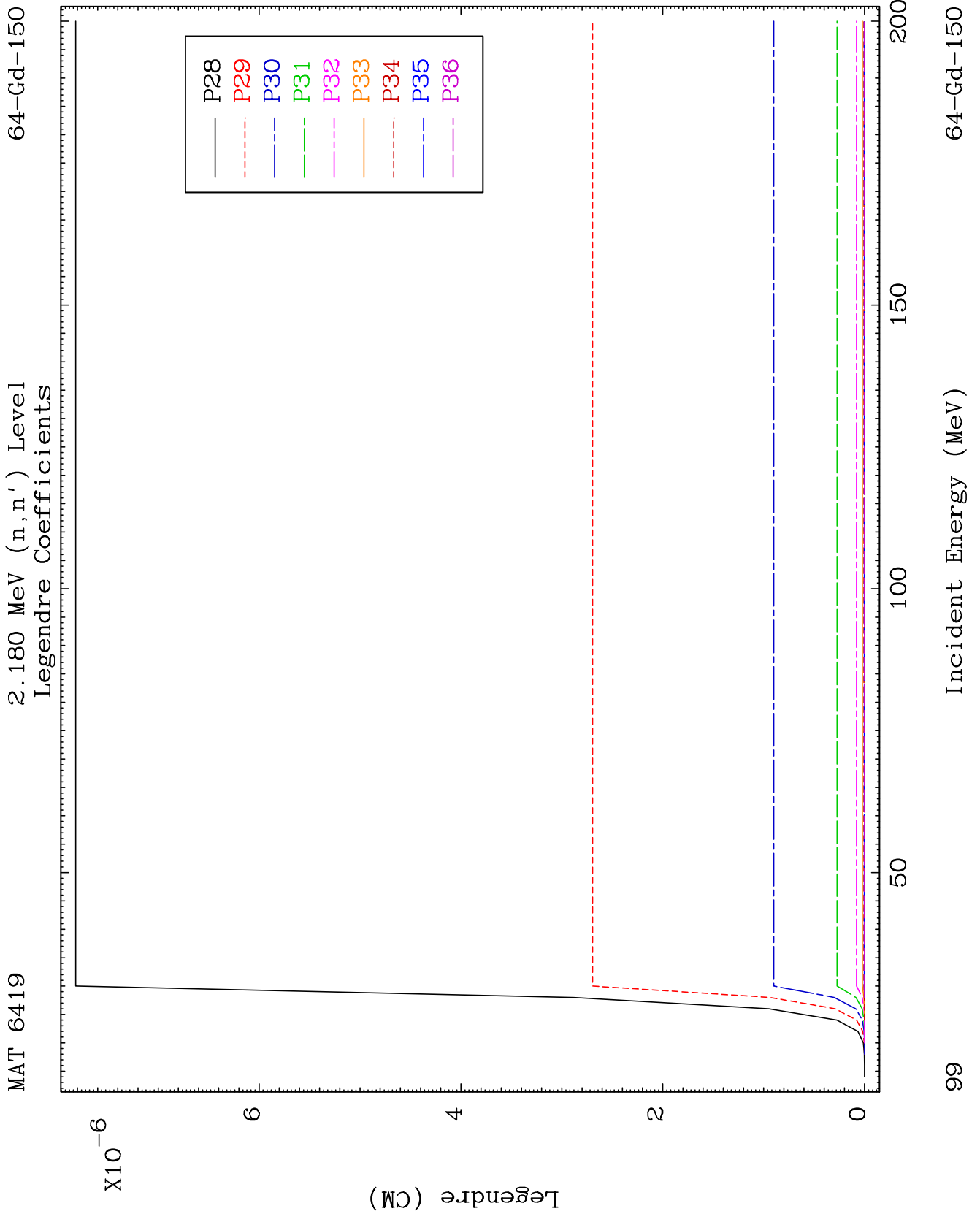
64-Gd-150

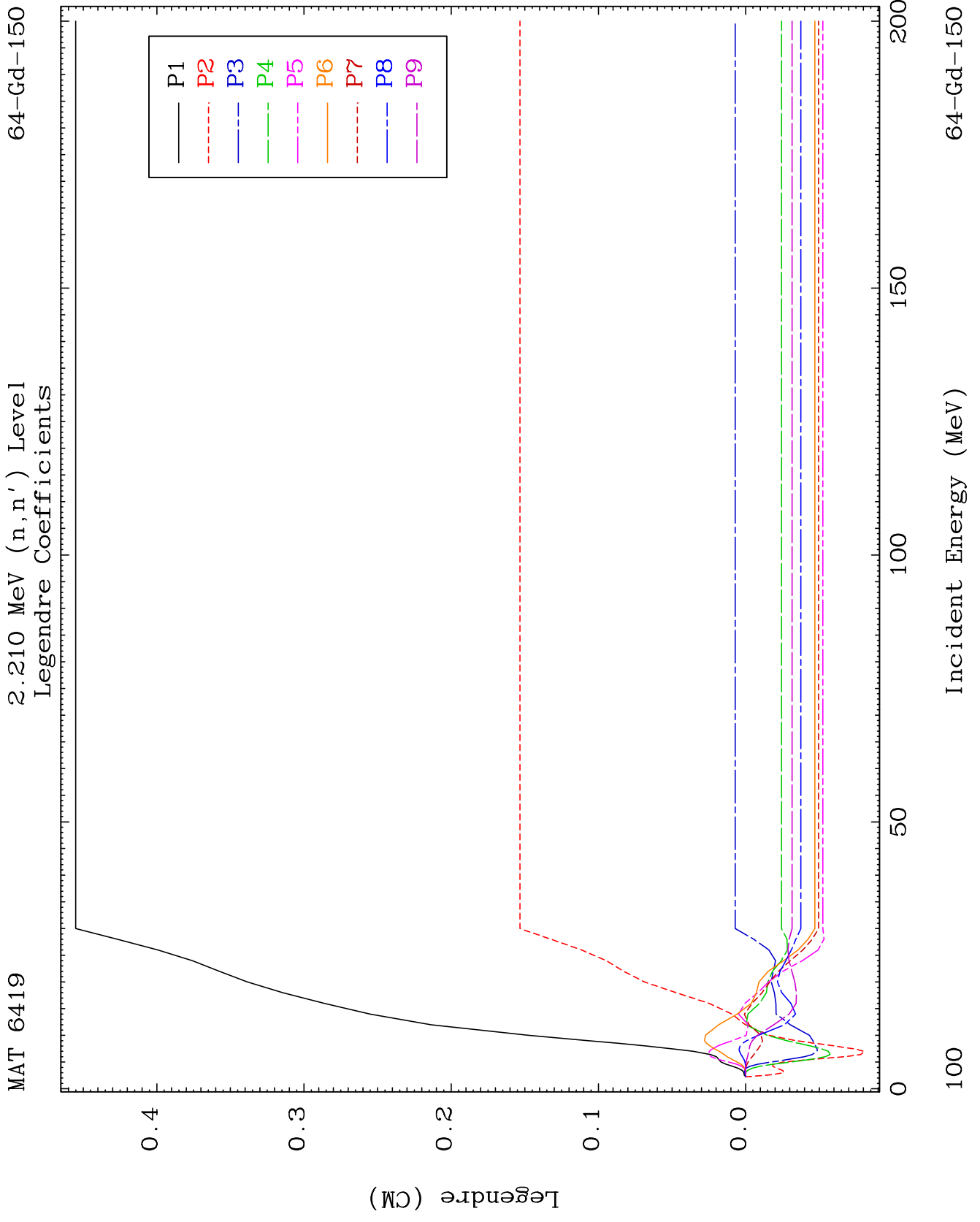


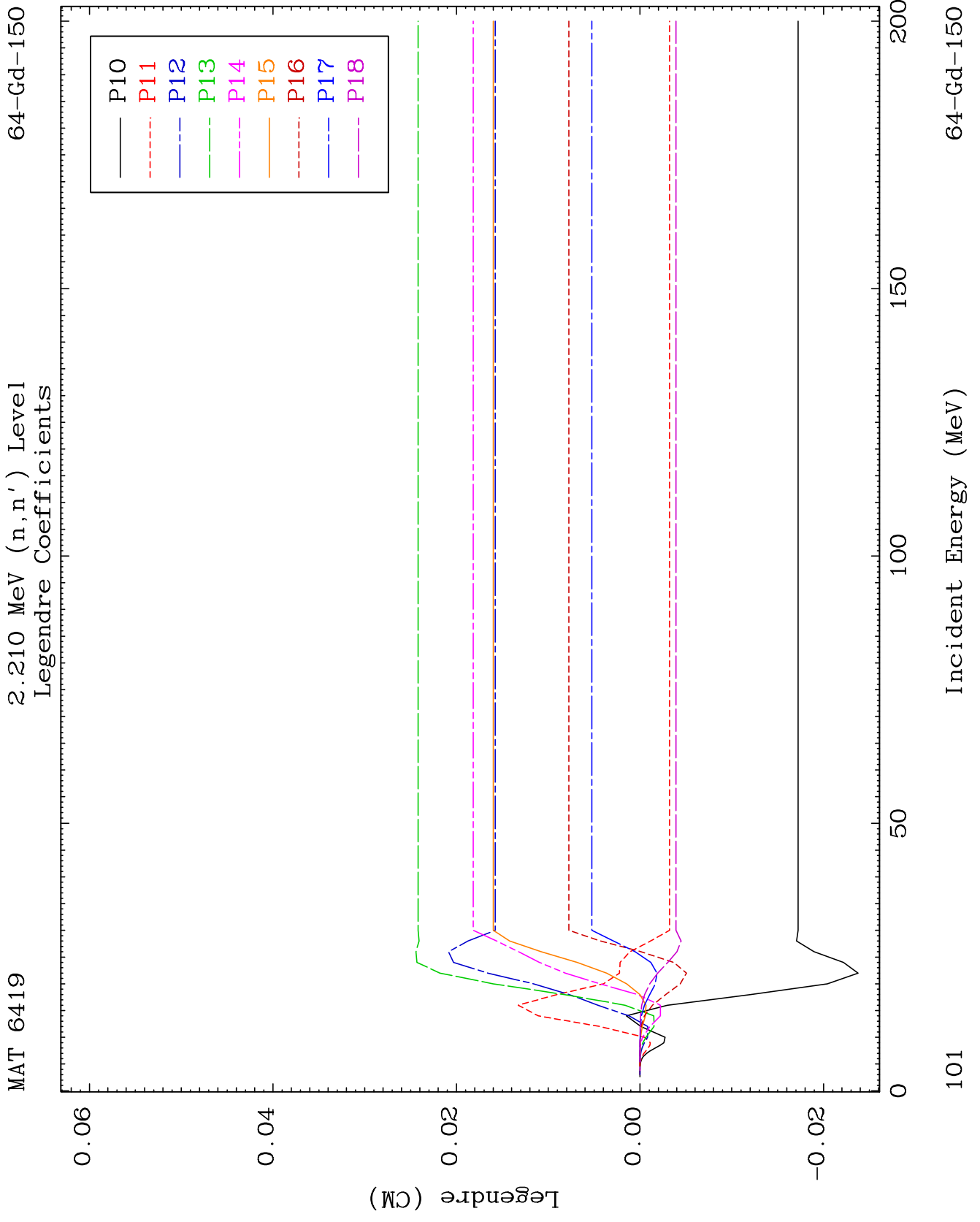
98

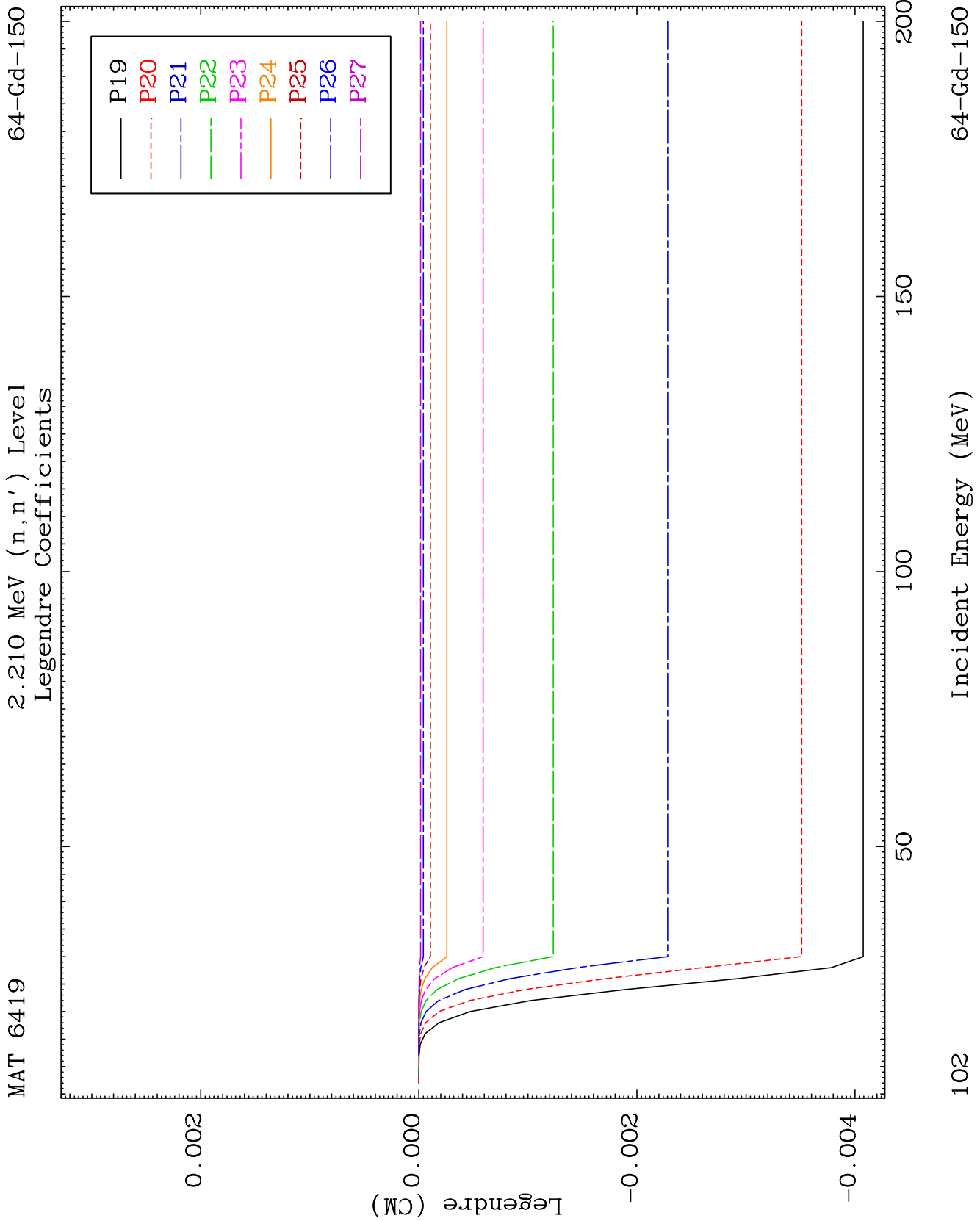
Incident Energy (MeV)

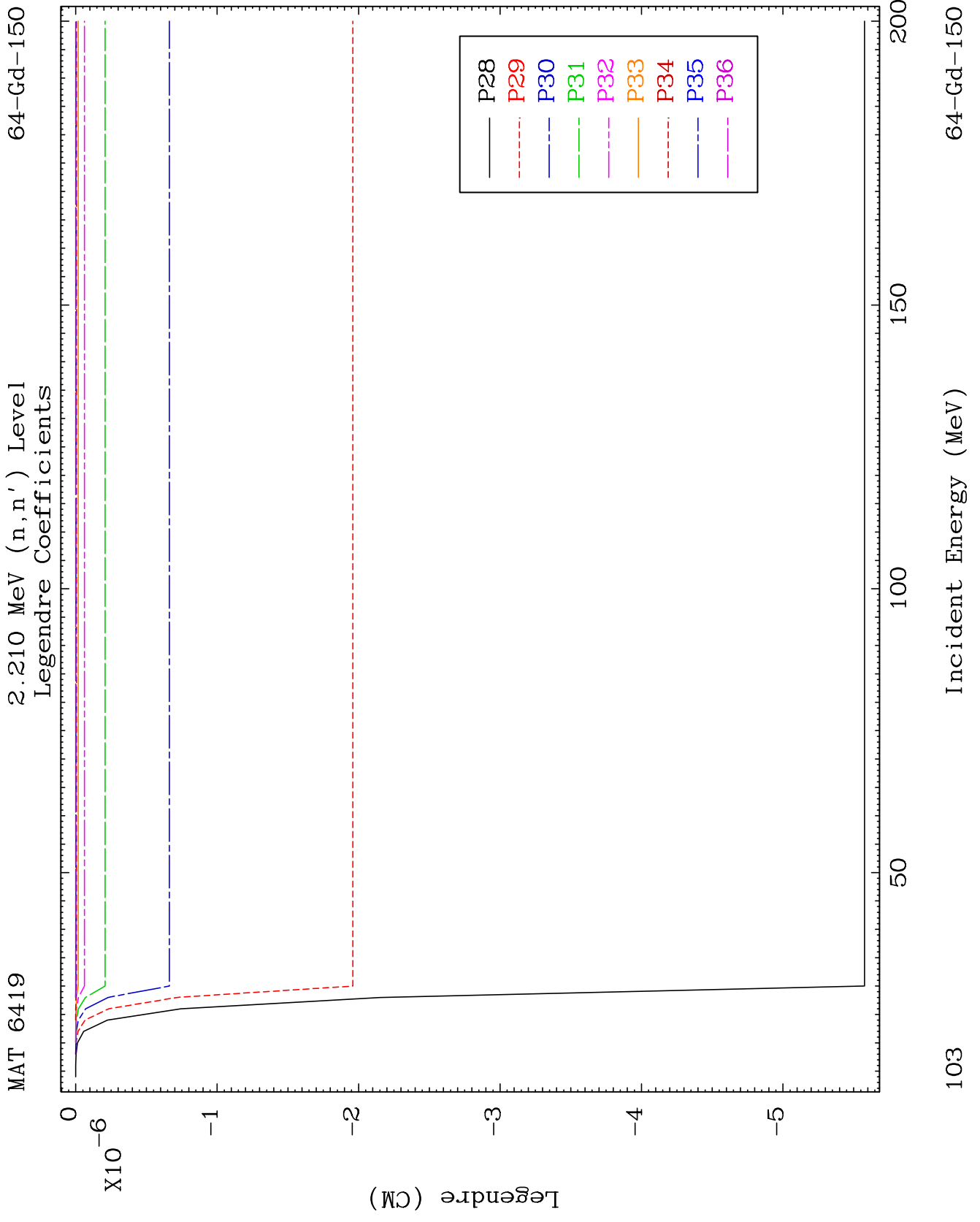
64-Gd-150

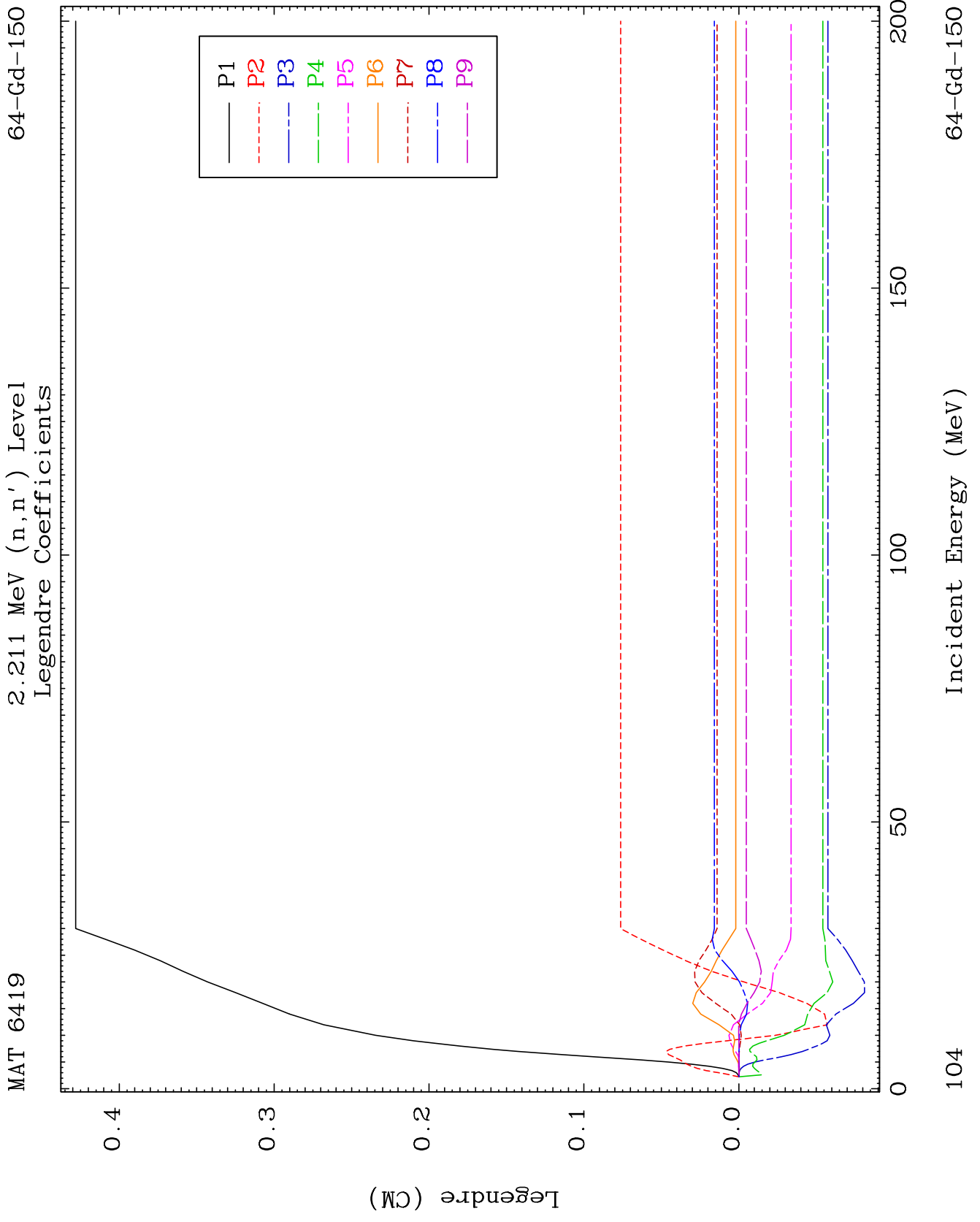


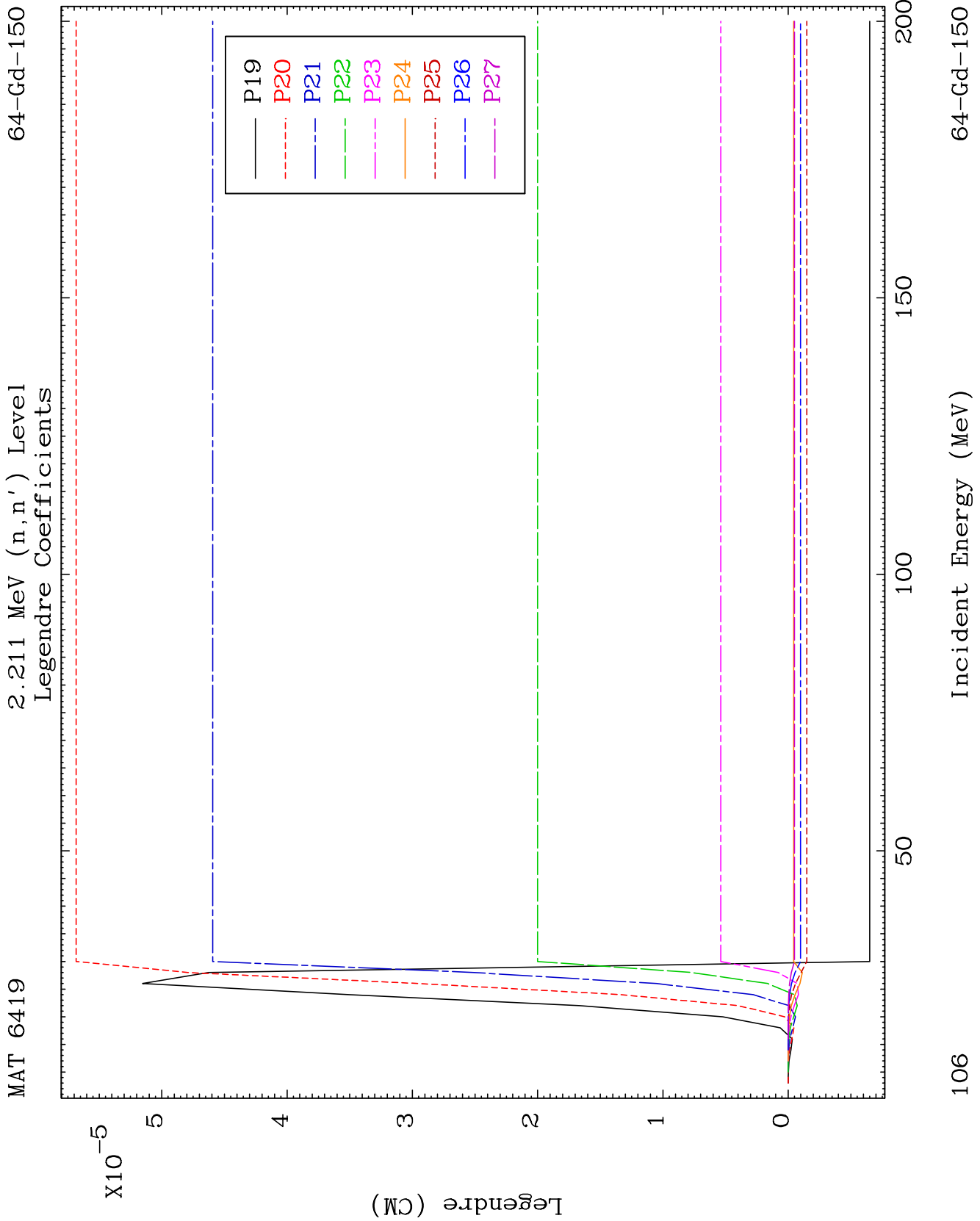


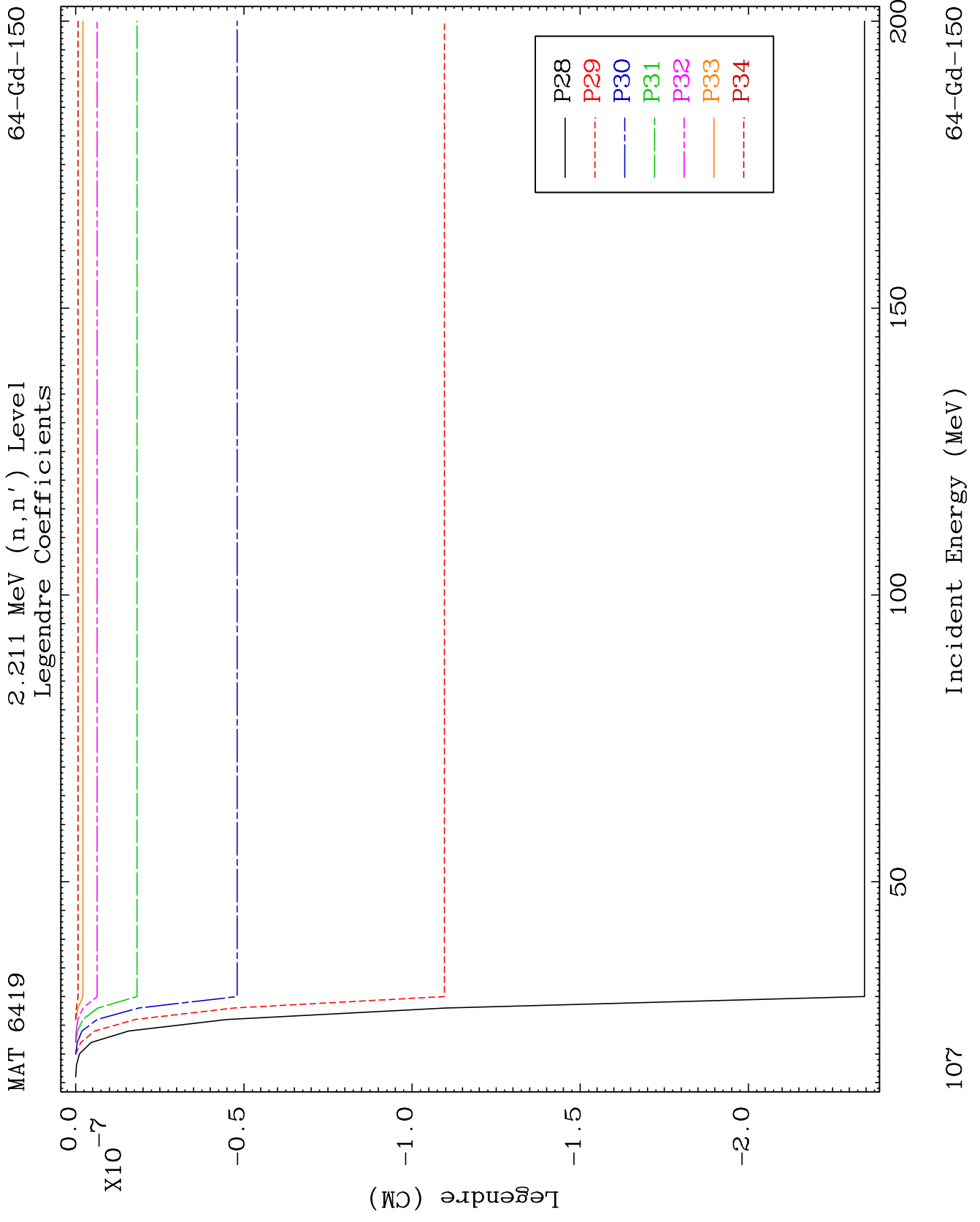


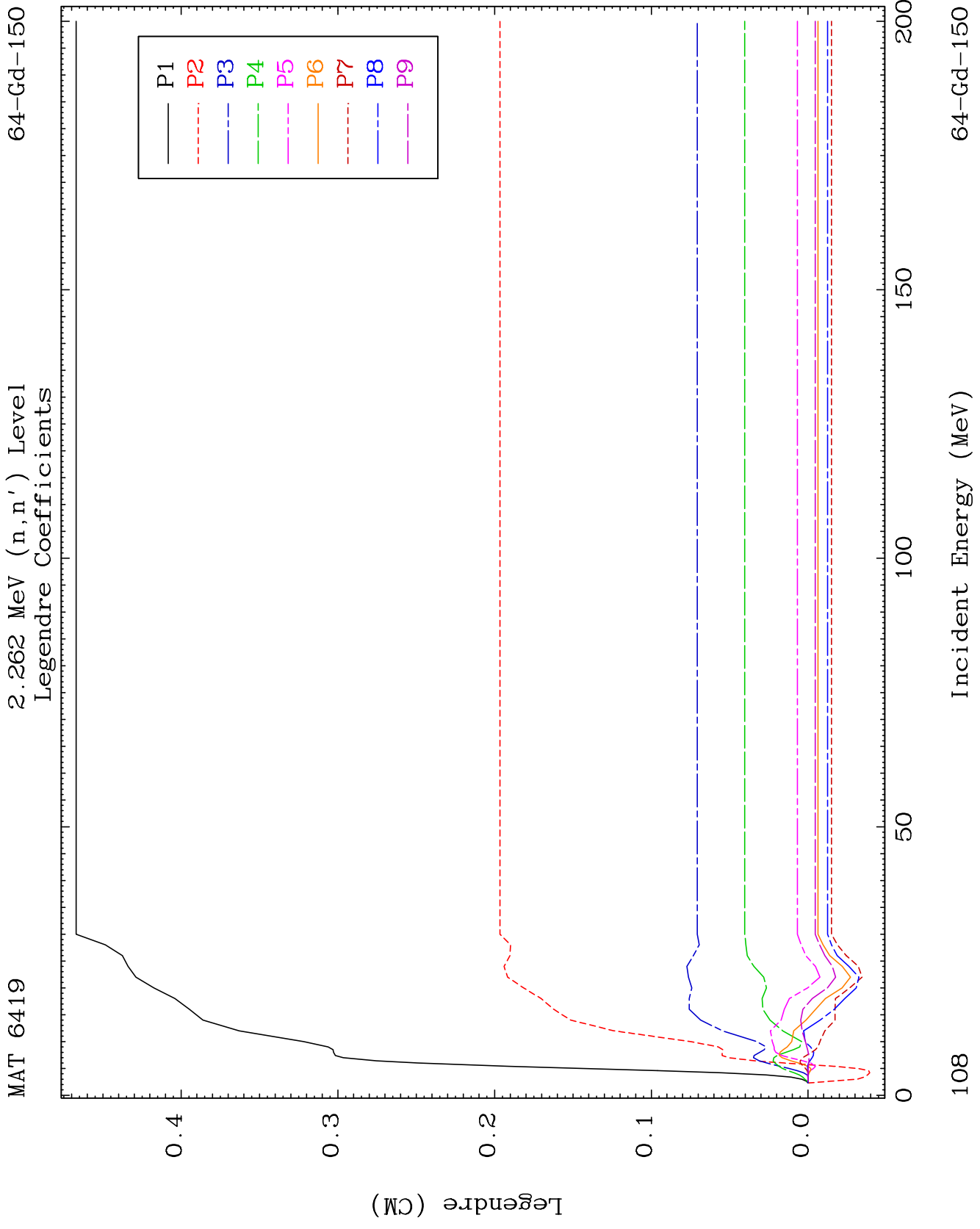


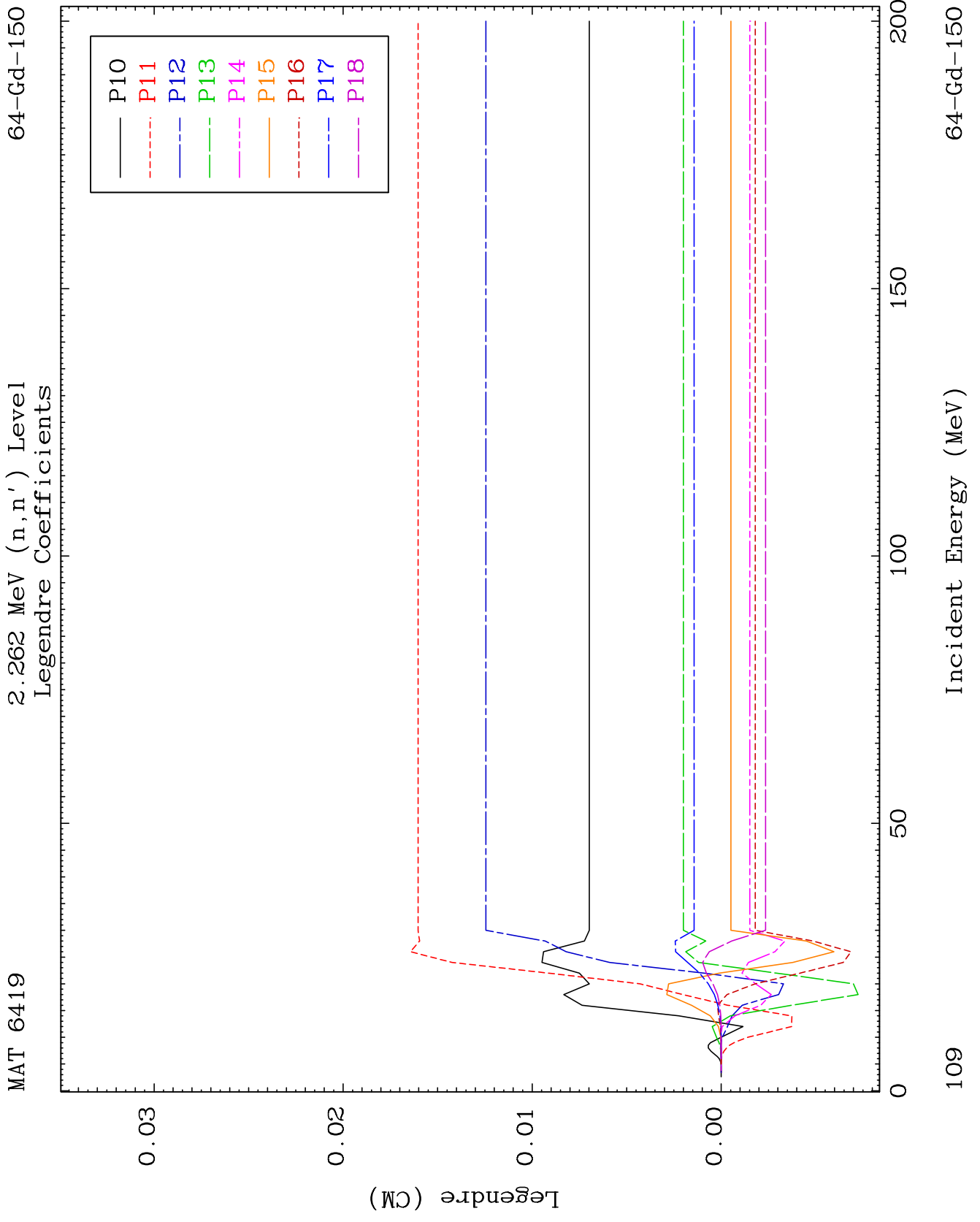


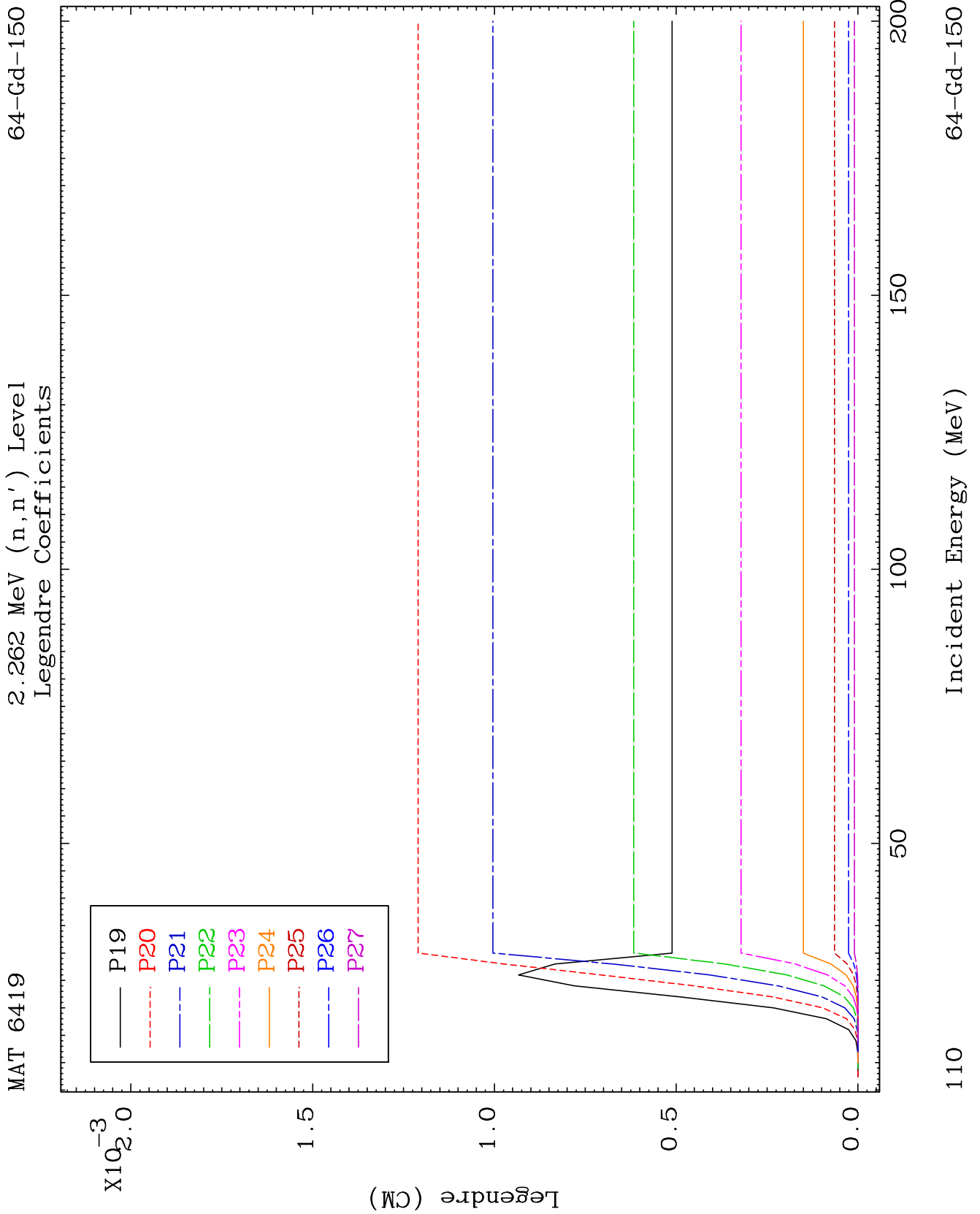


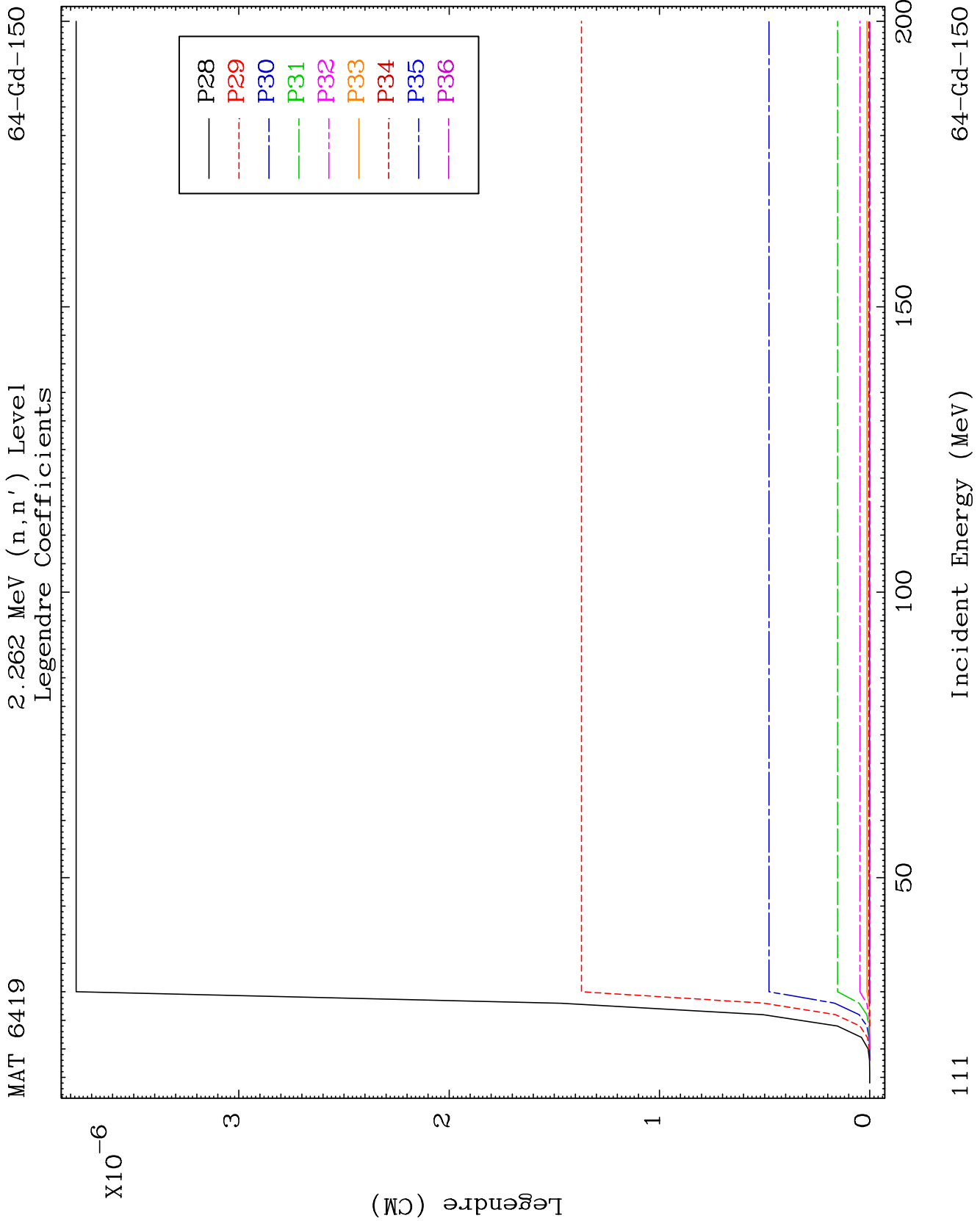


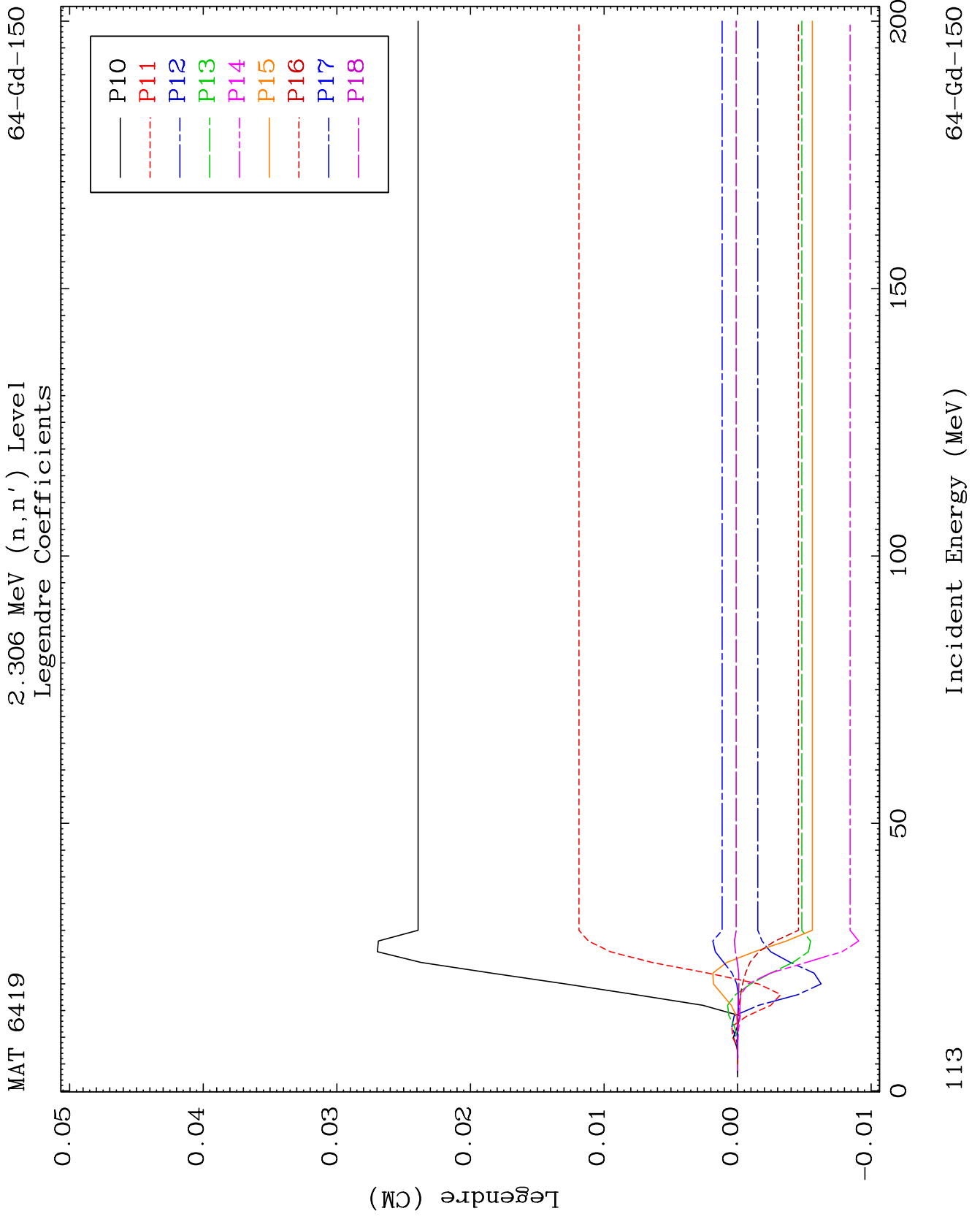


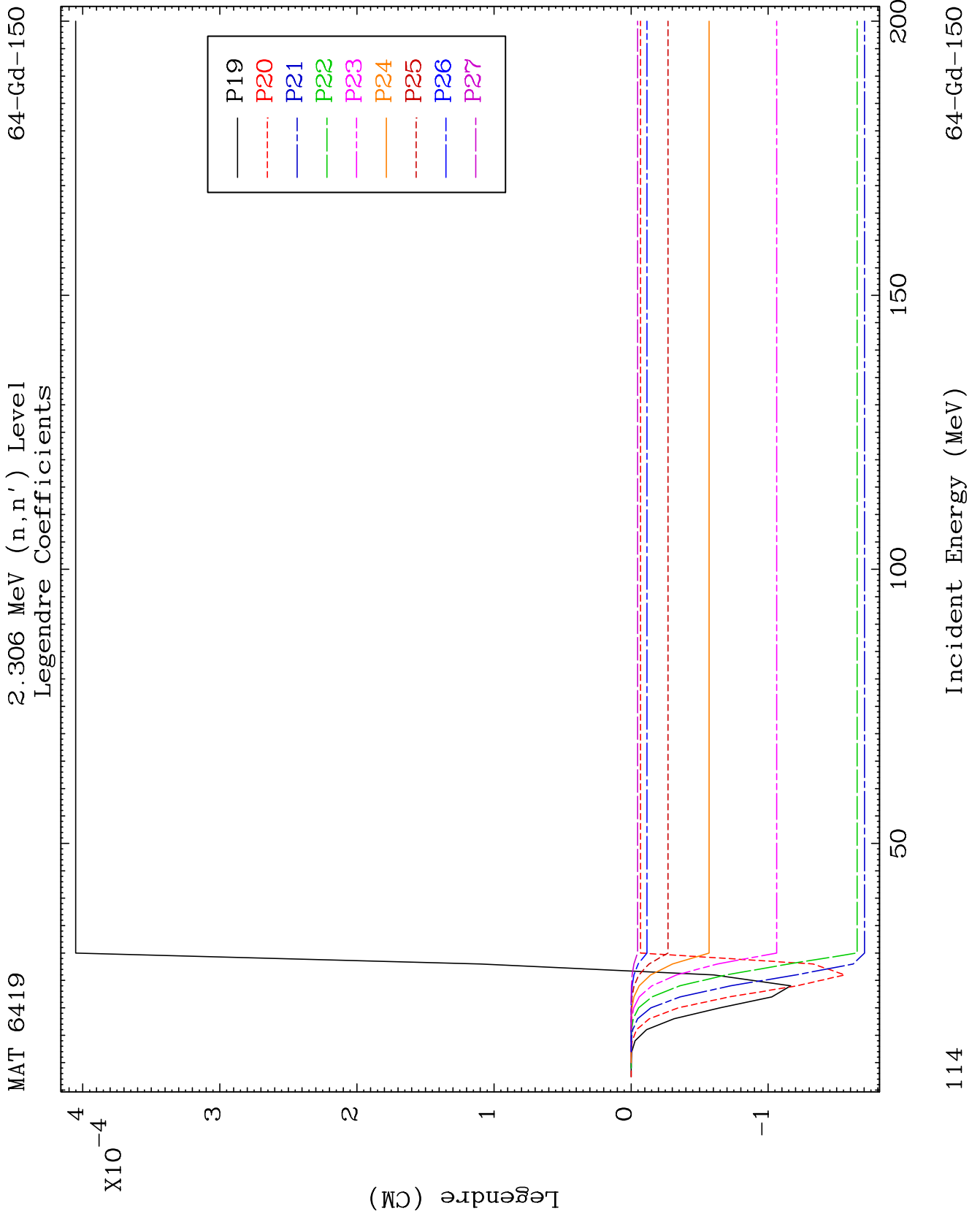


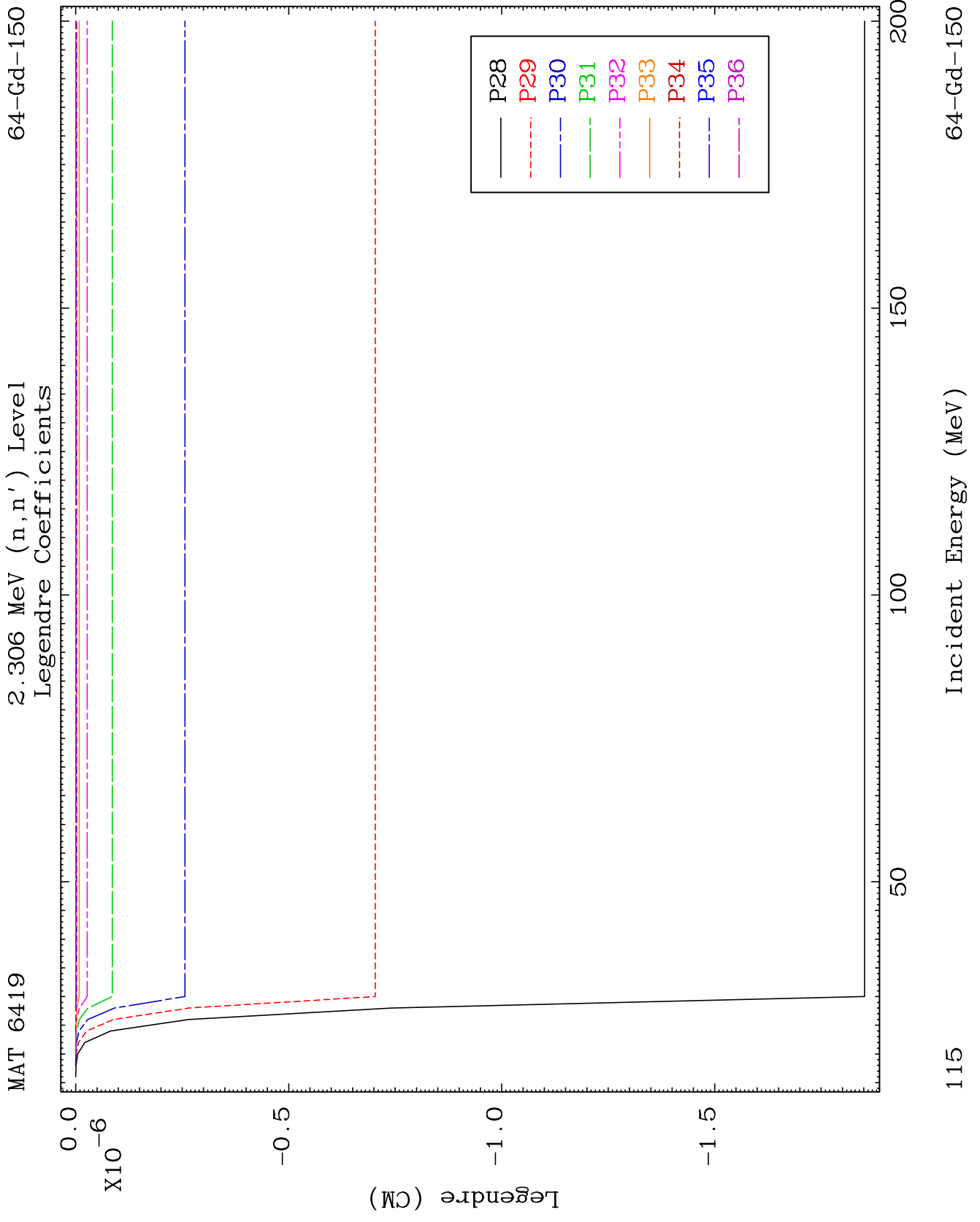


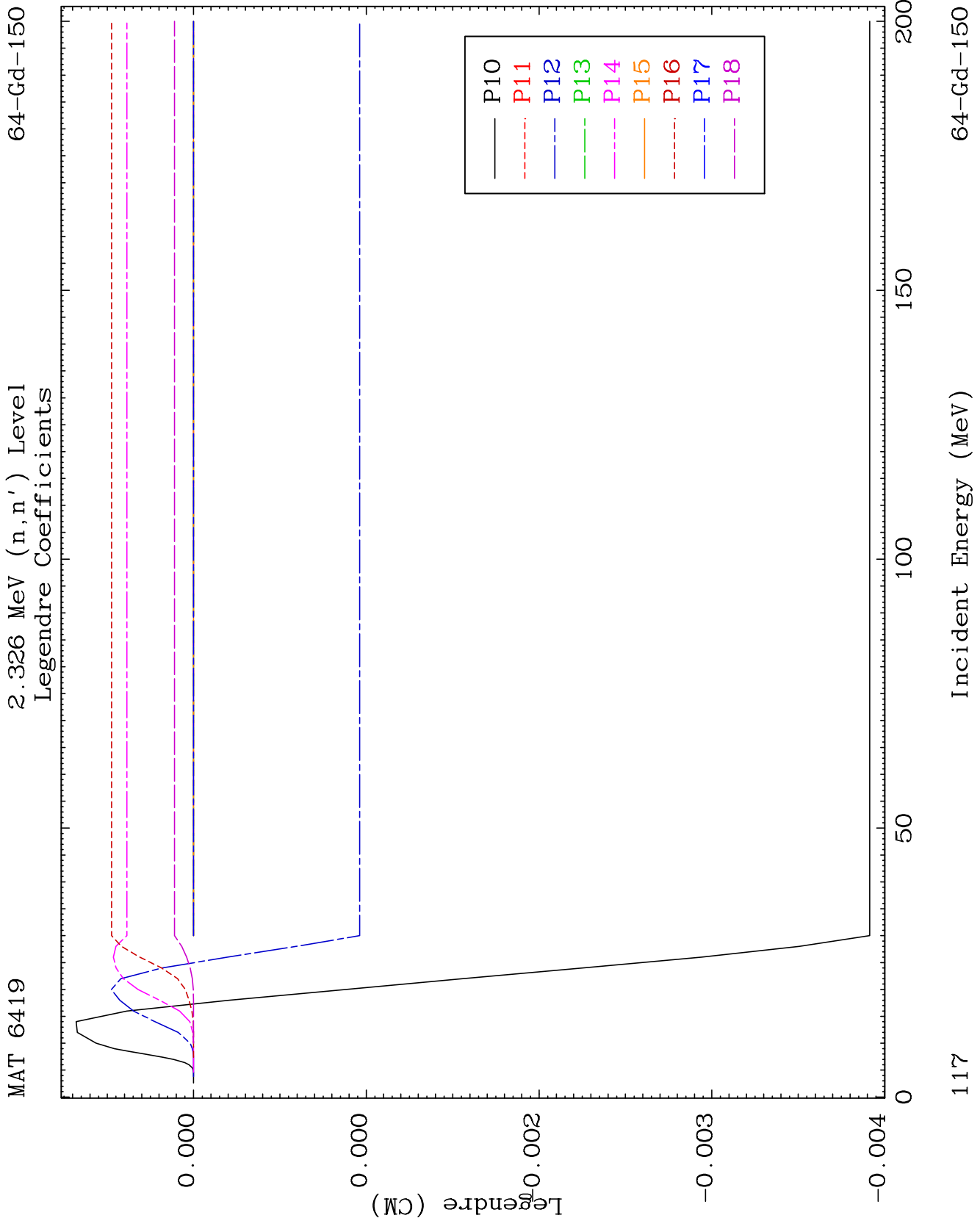


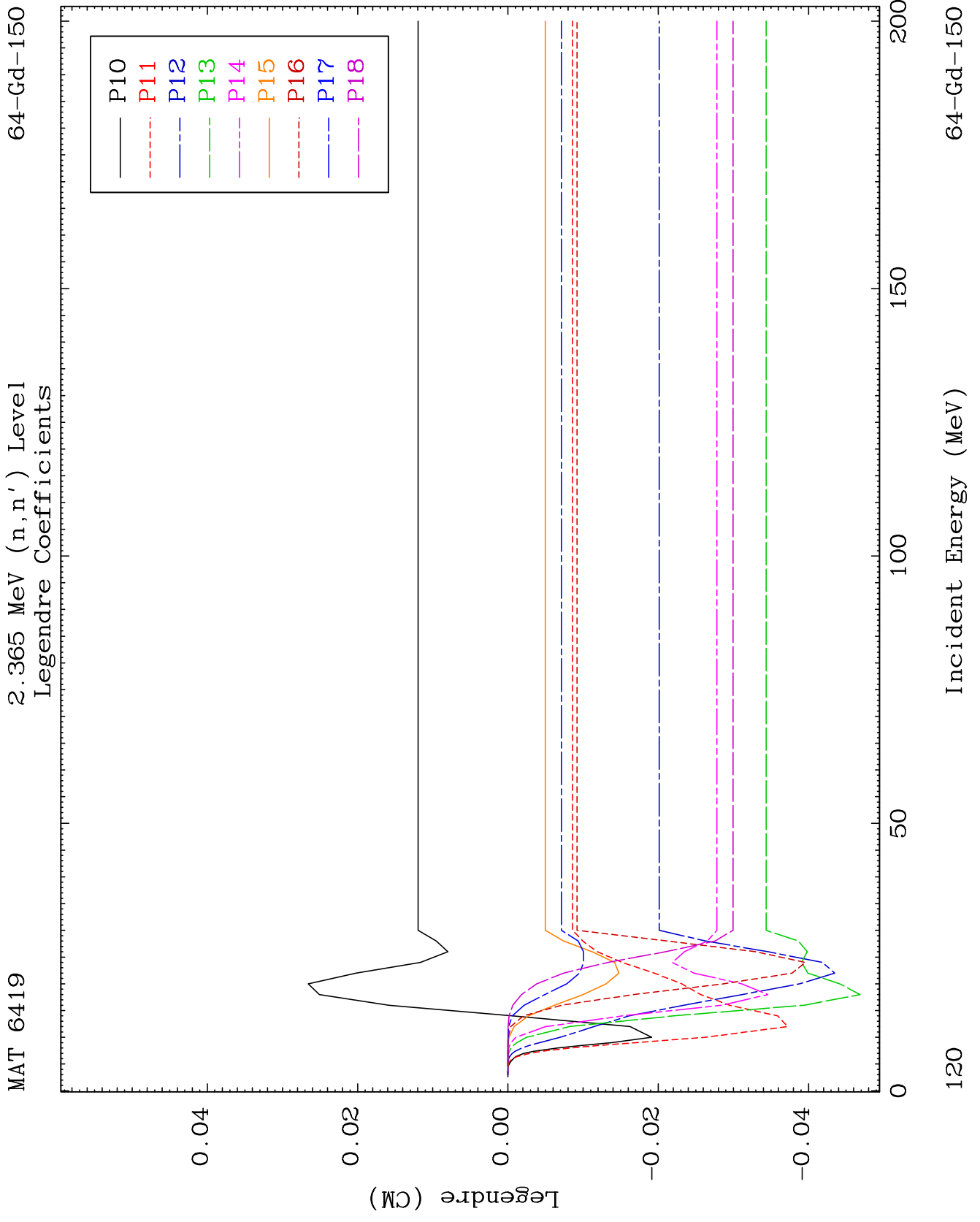


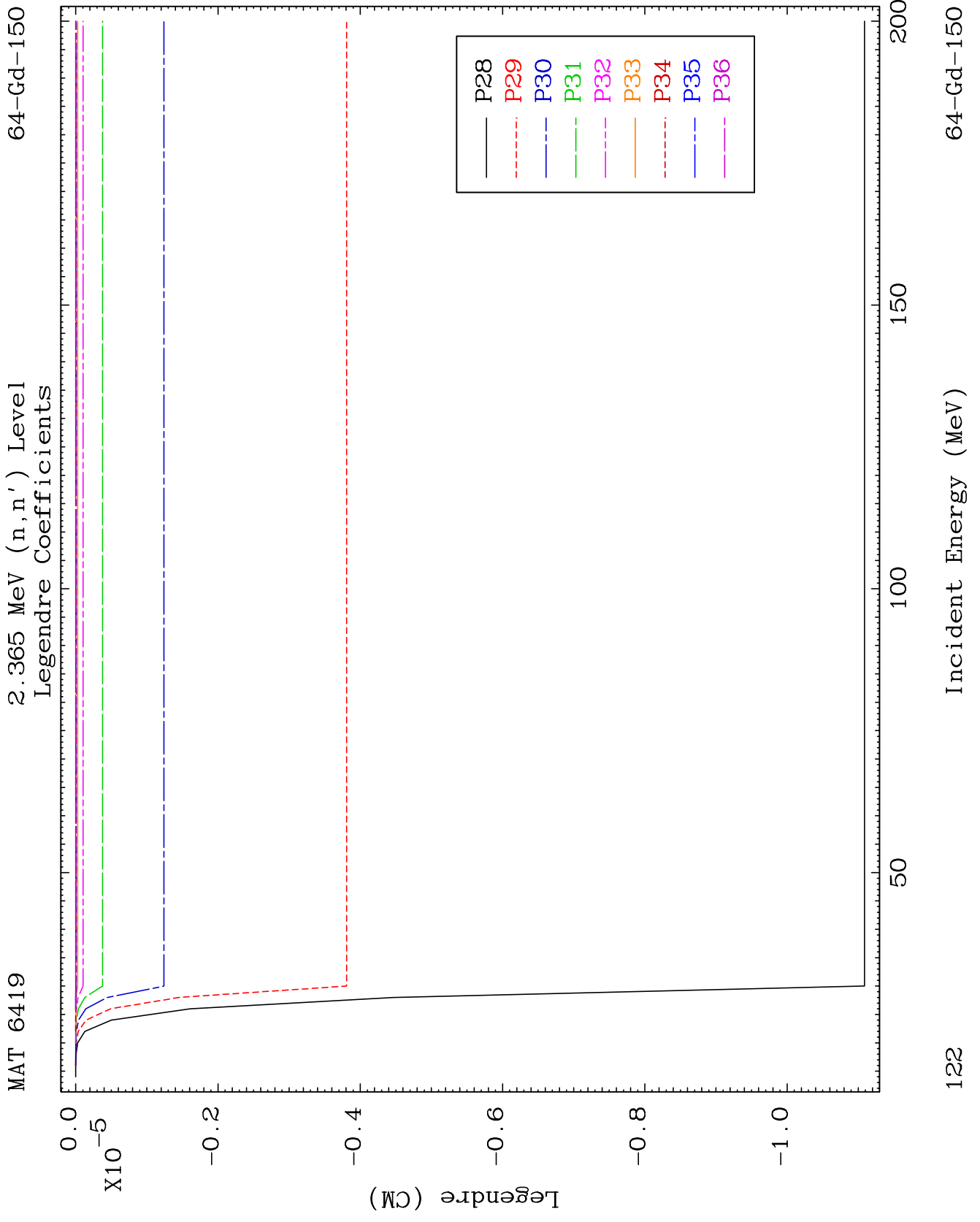








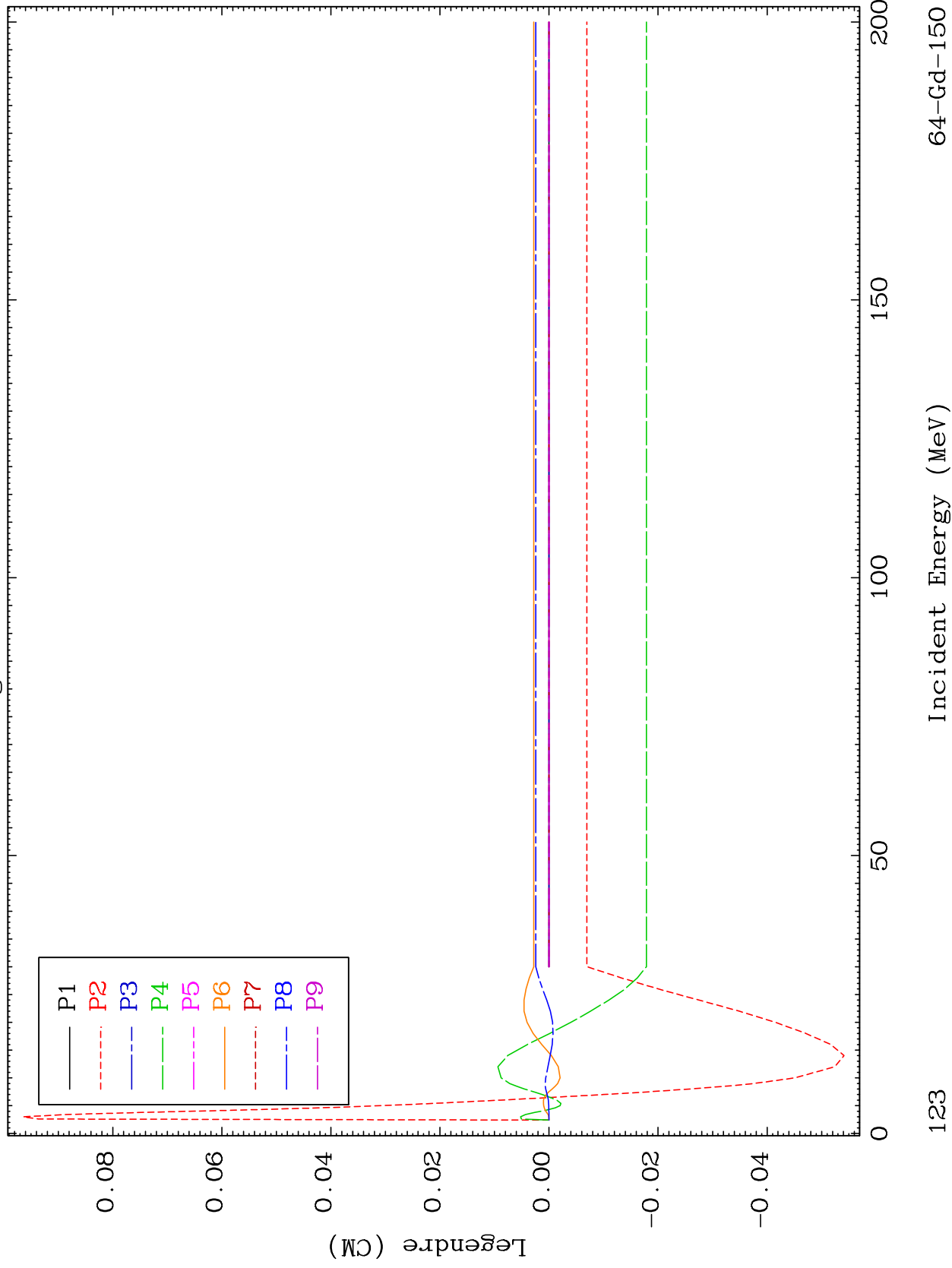




MAT 6419

2.392 MeV (n,n') Level
Legendre Coefficients

64-Gd-150



123

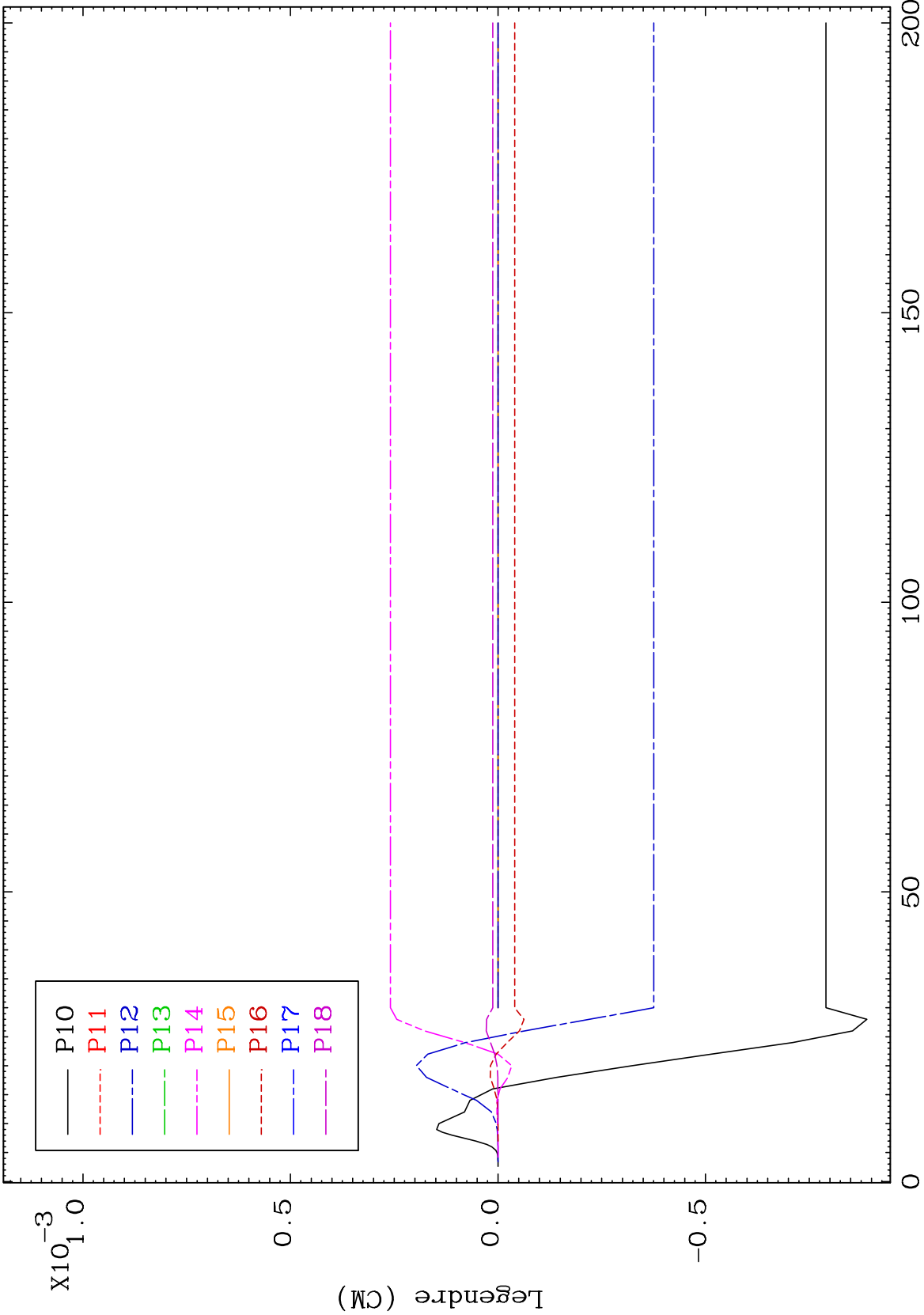
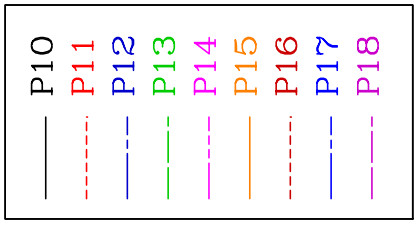
Incident Energy (MeV)

64-Gd-150

MAT 6419

2.392 MeV (n,n') Level
Legendre Coefficients

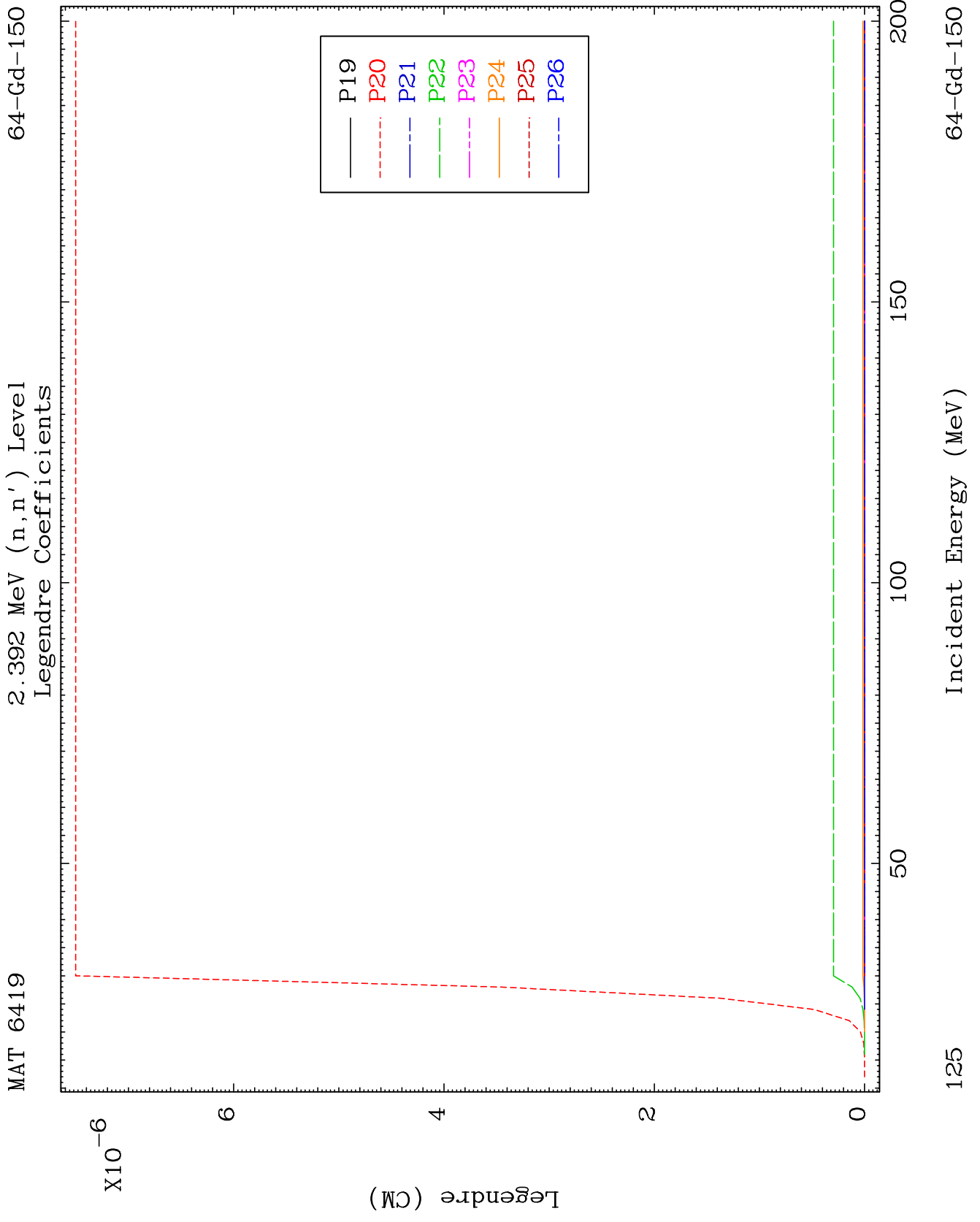
64-Gd-150

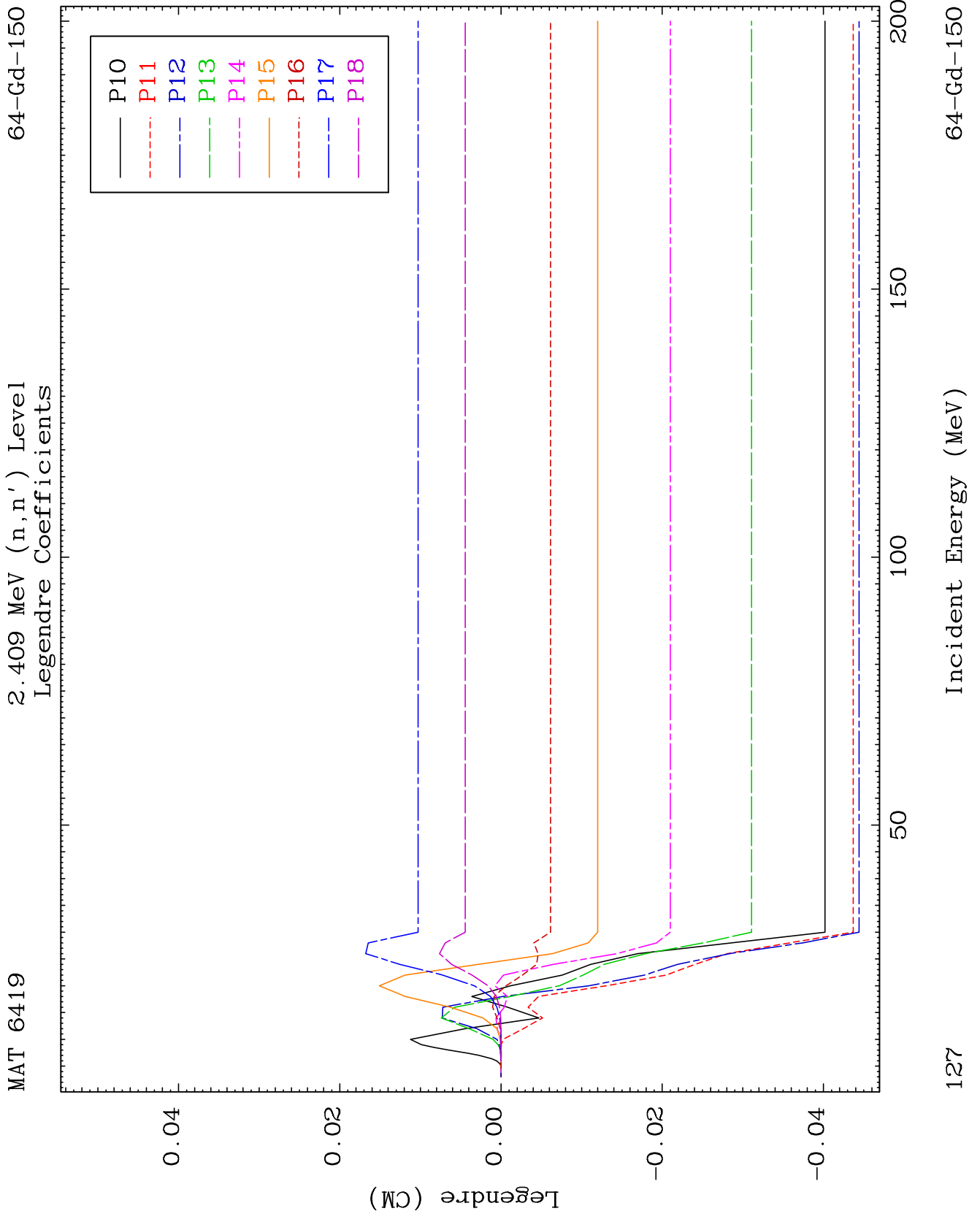


124

Incident Energy (MeV)

64-Gd-150

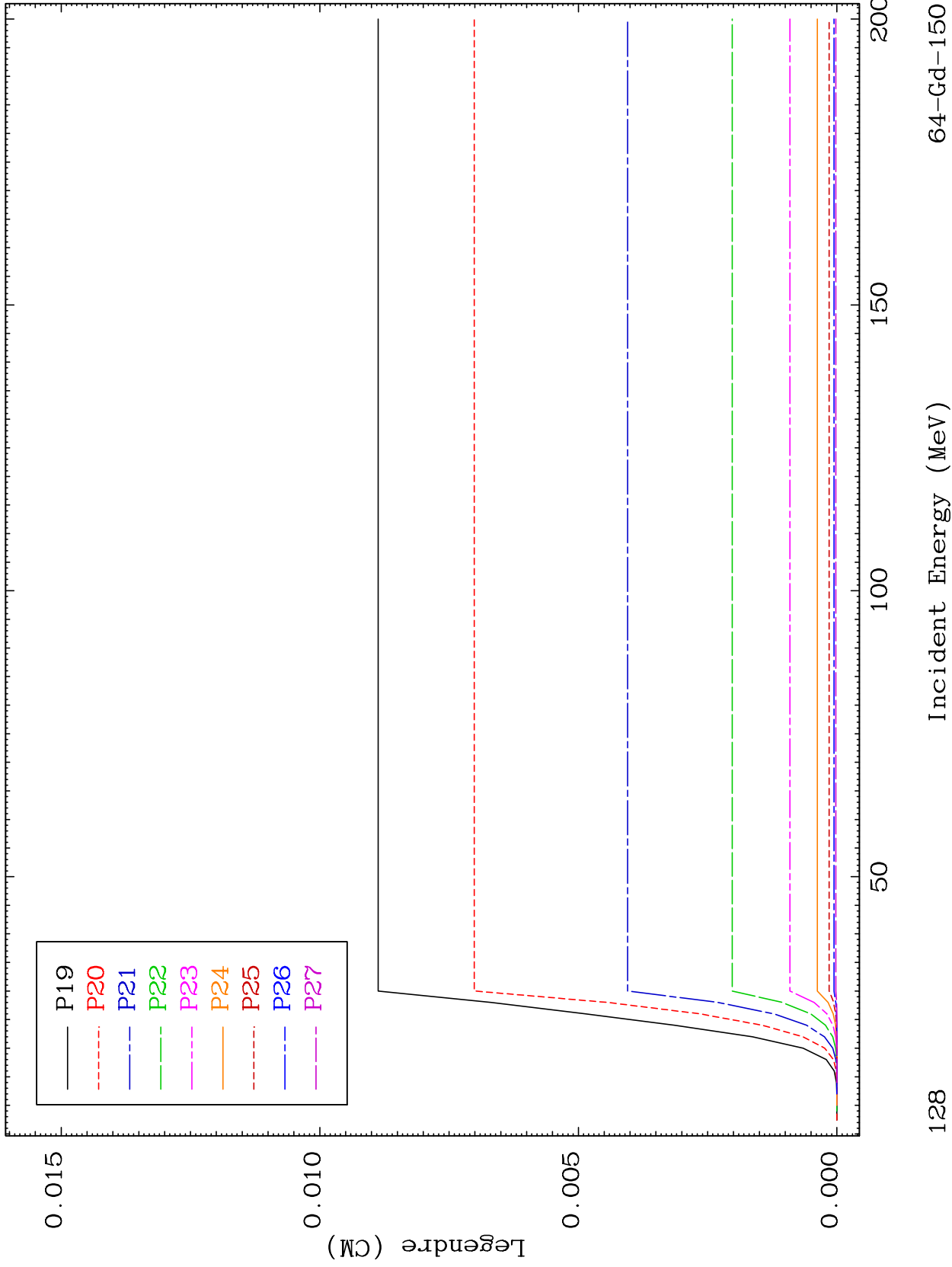




MAT 6419

2.409 MeV (n,n') Level
Legendre Coefficients

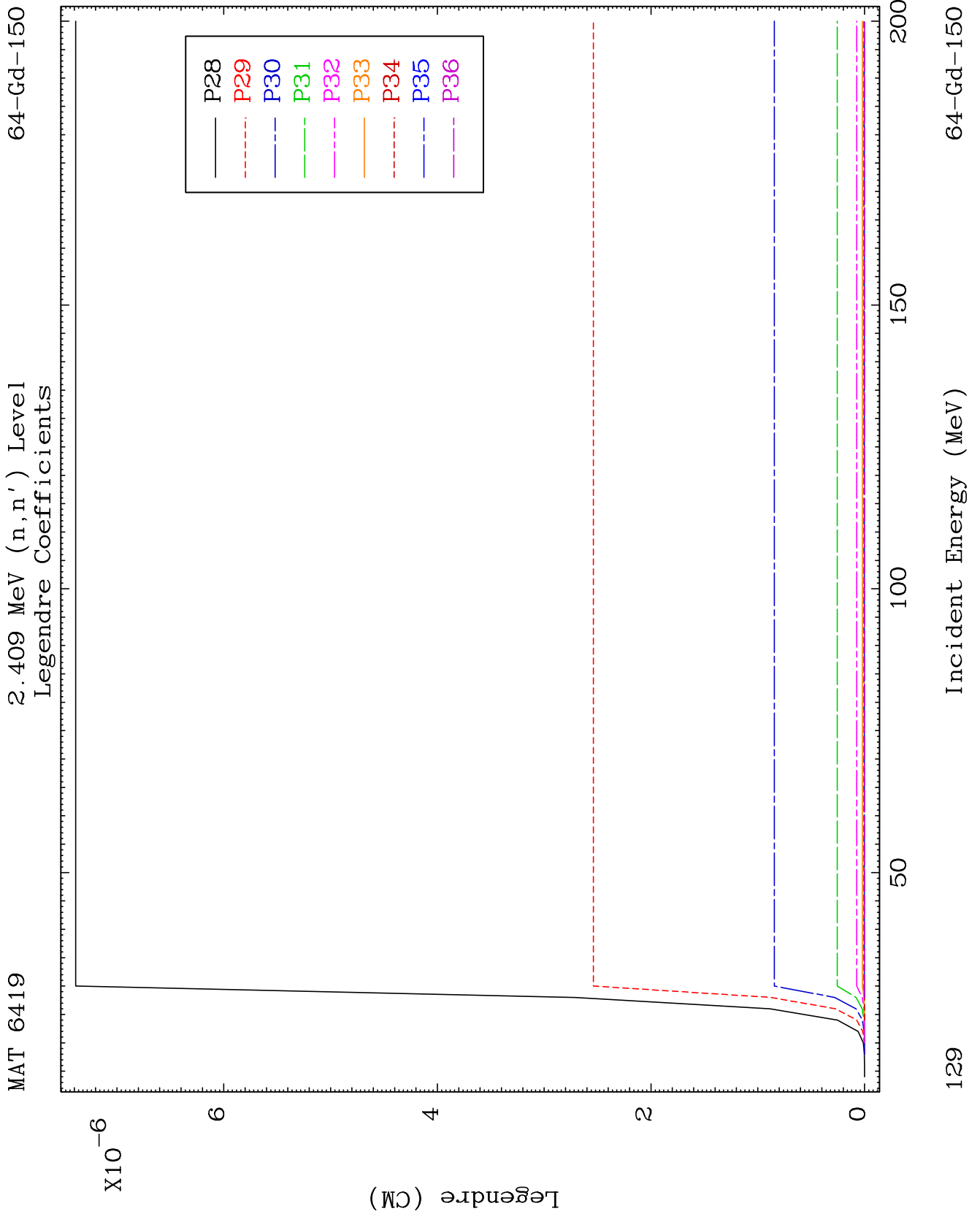
64-Gd-150

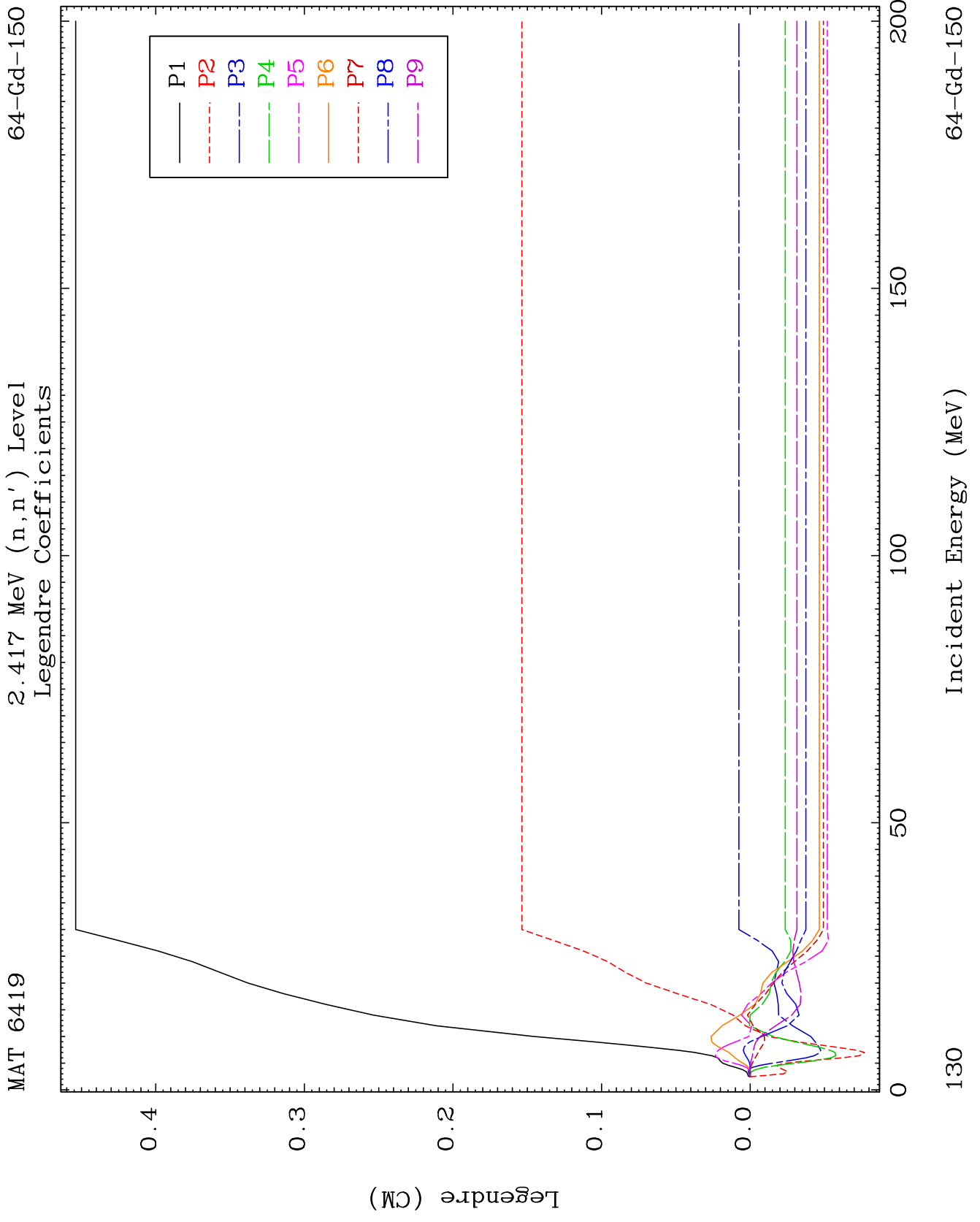


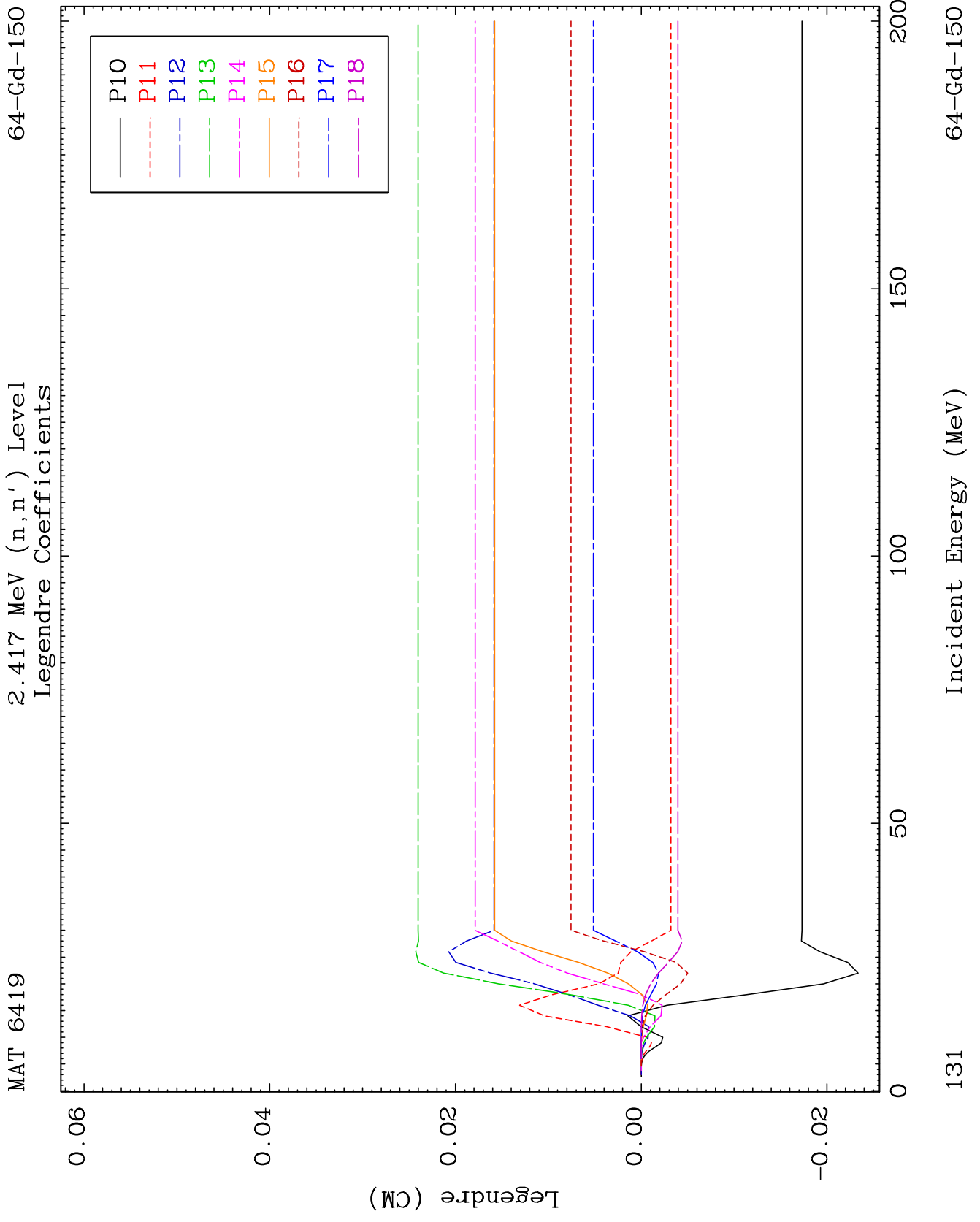
128

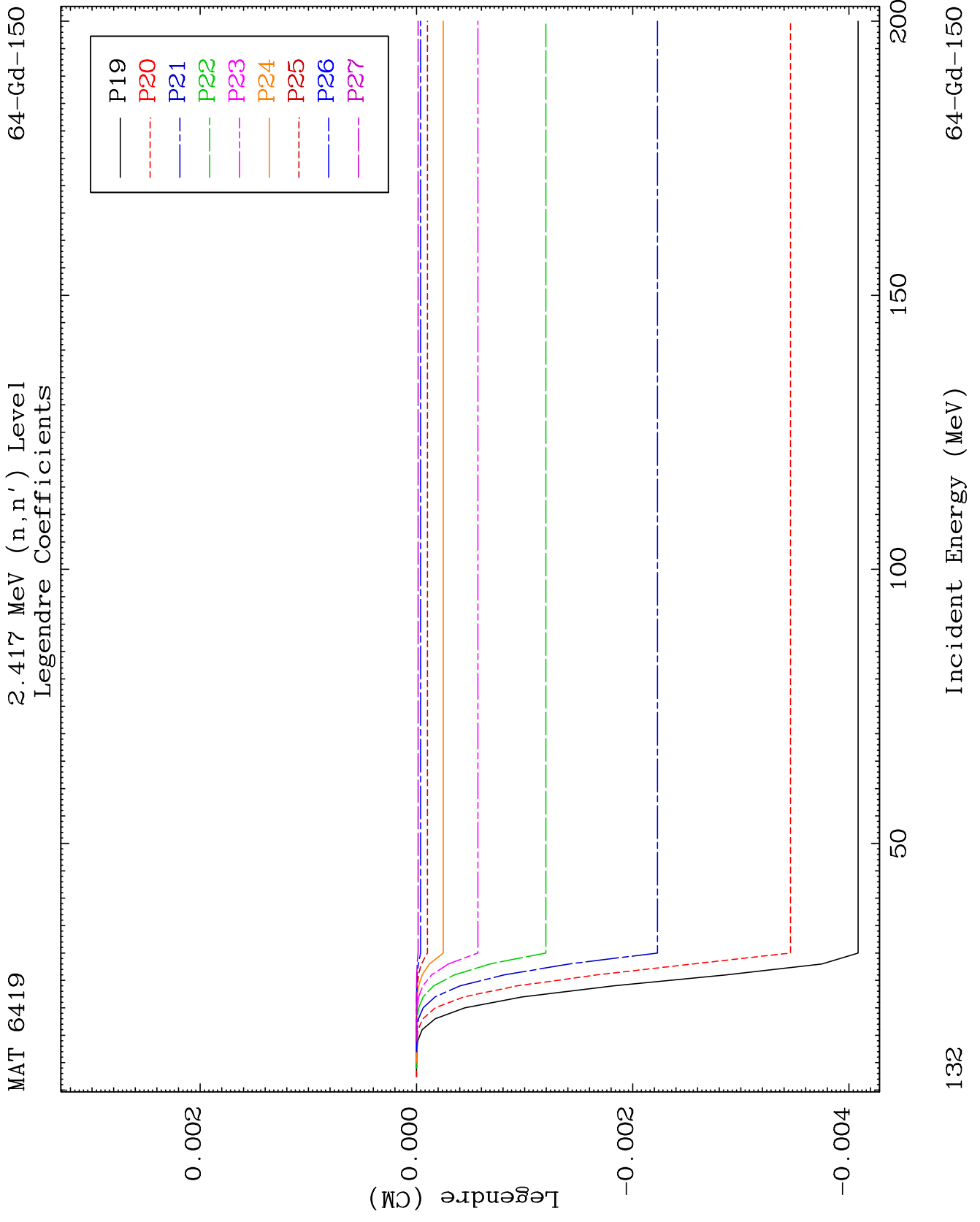
Incident Energy (MeV)

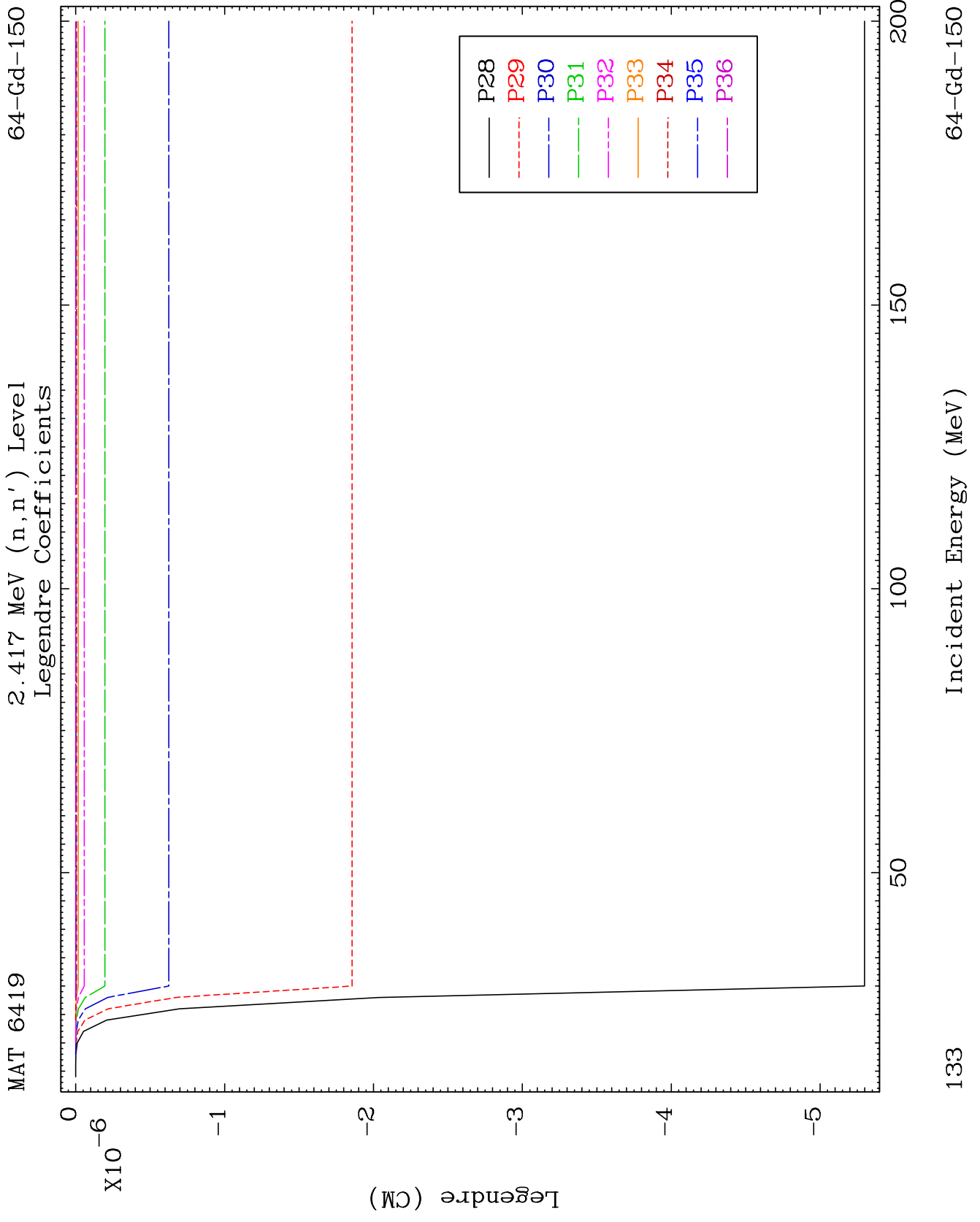
64-Gd-150









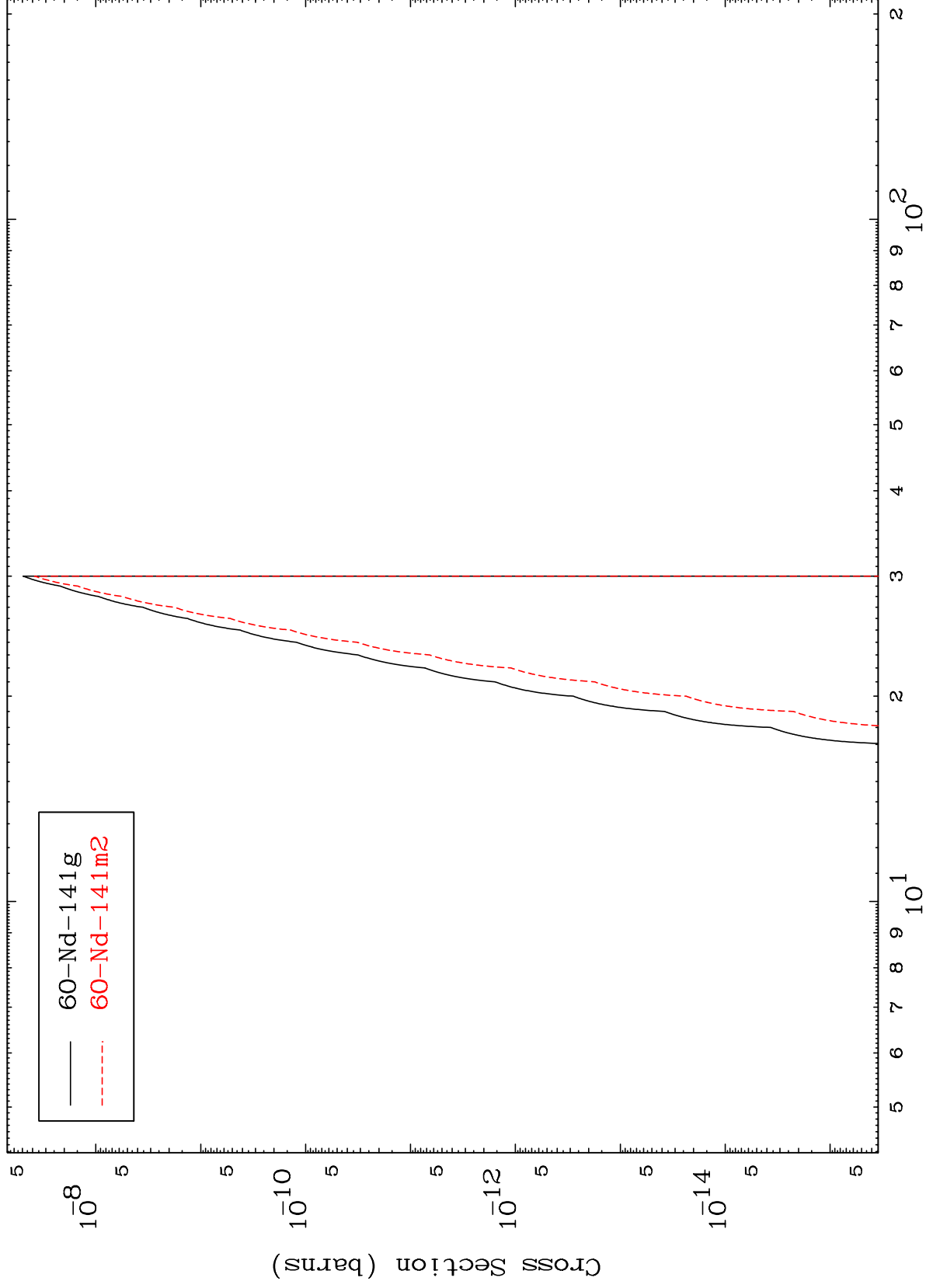


MAT 6419

^{60}Nd 2α

^{64}Gd -150

Radionuclide Production Cross Section



134

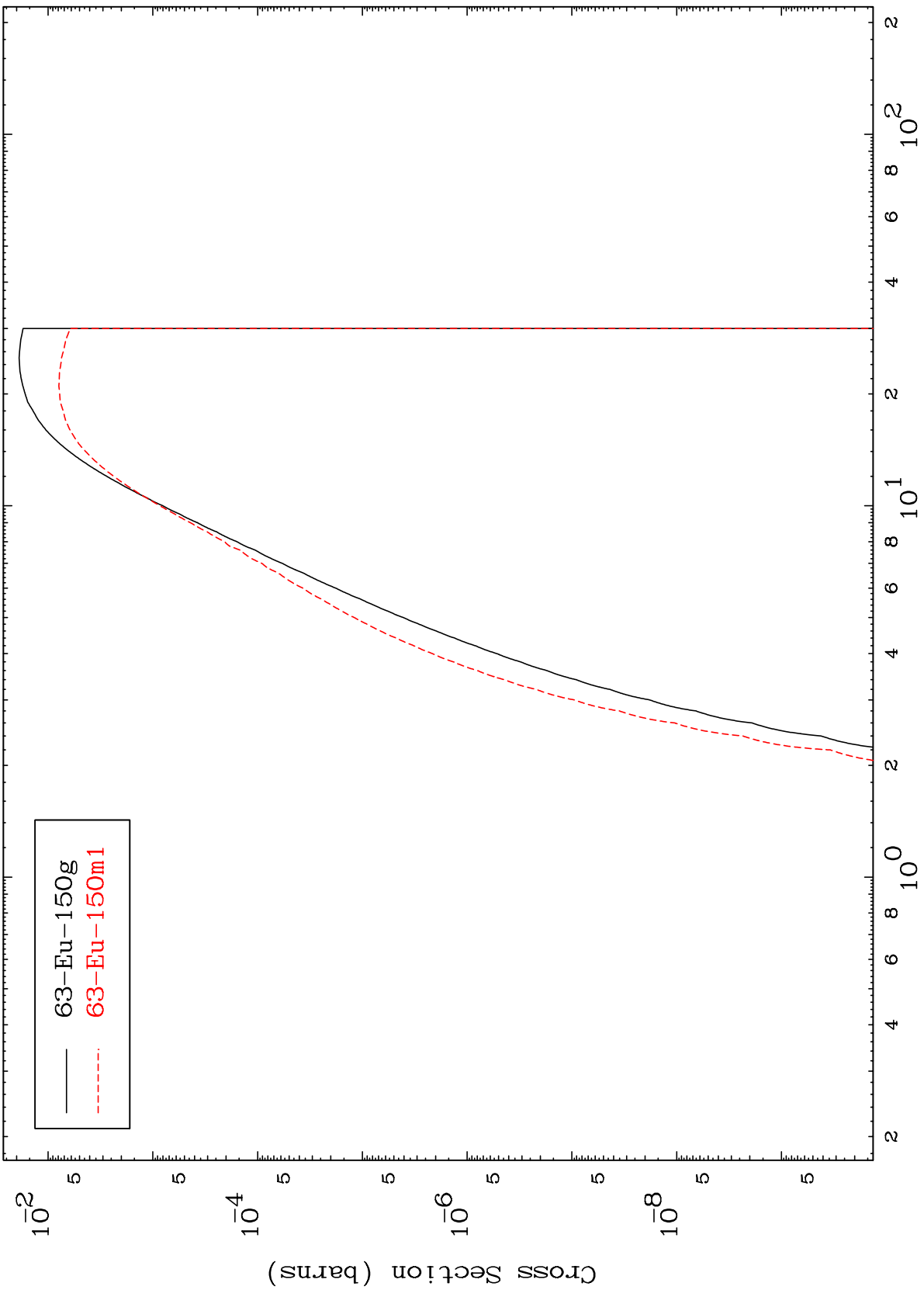
Incident Energy (MeV)

^{64}Gd -150

MAT 6419

64-Gd-150

(n,p)
Radionuclide Production Cross Section



— 63-Eu-150g
- - - 63-Eu-150m1

135

Incident Energy (MeV)

64-Gd-150