

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

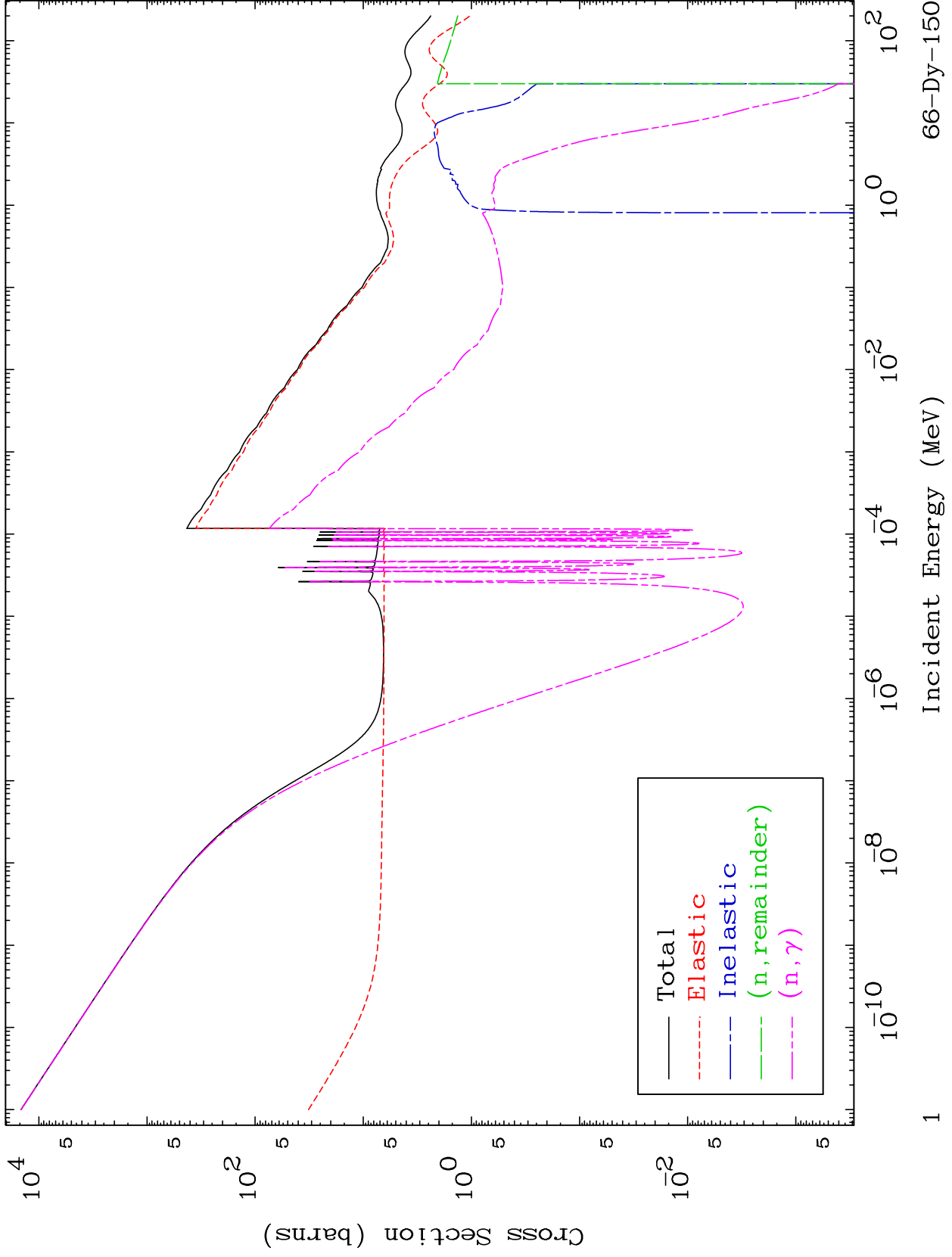
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6607

Major  
293 Kelvin Cross Sections

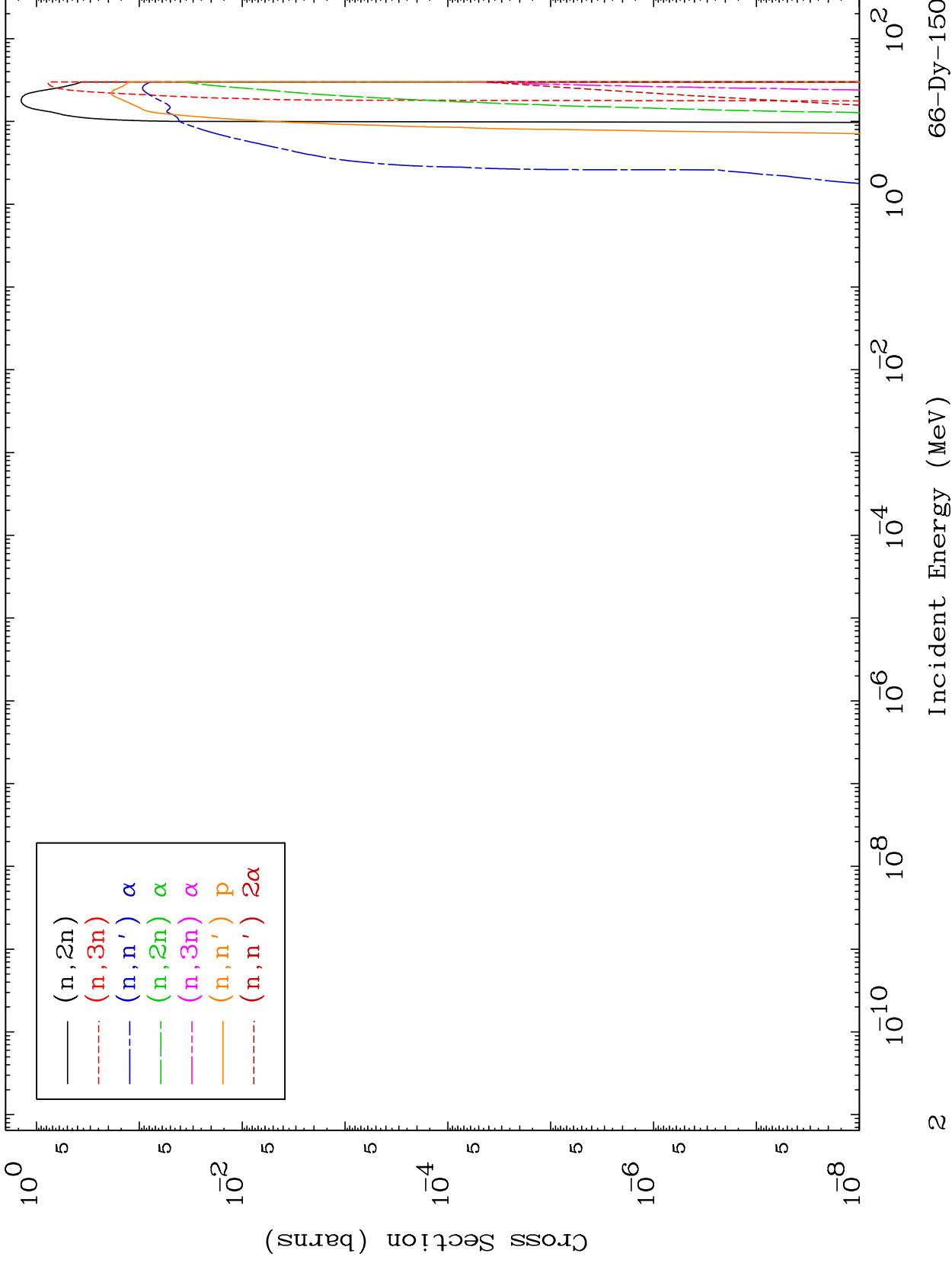
66-Dy-150

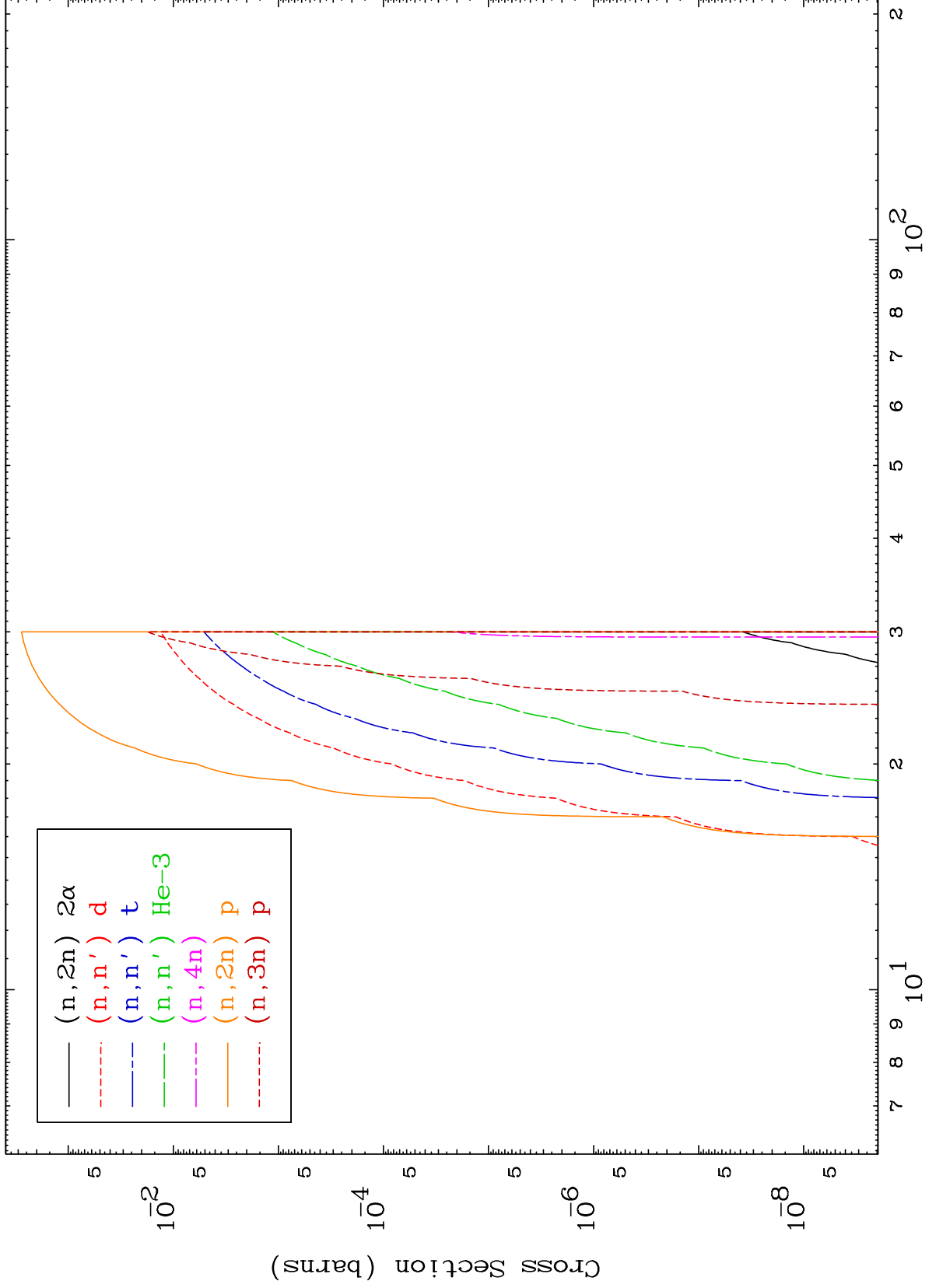


MAT 6607

Neutron Production  
293 Kelvin Cross Sections

66-Dy-150

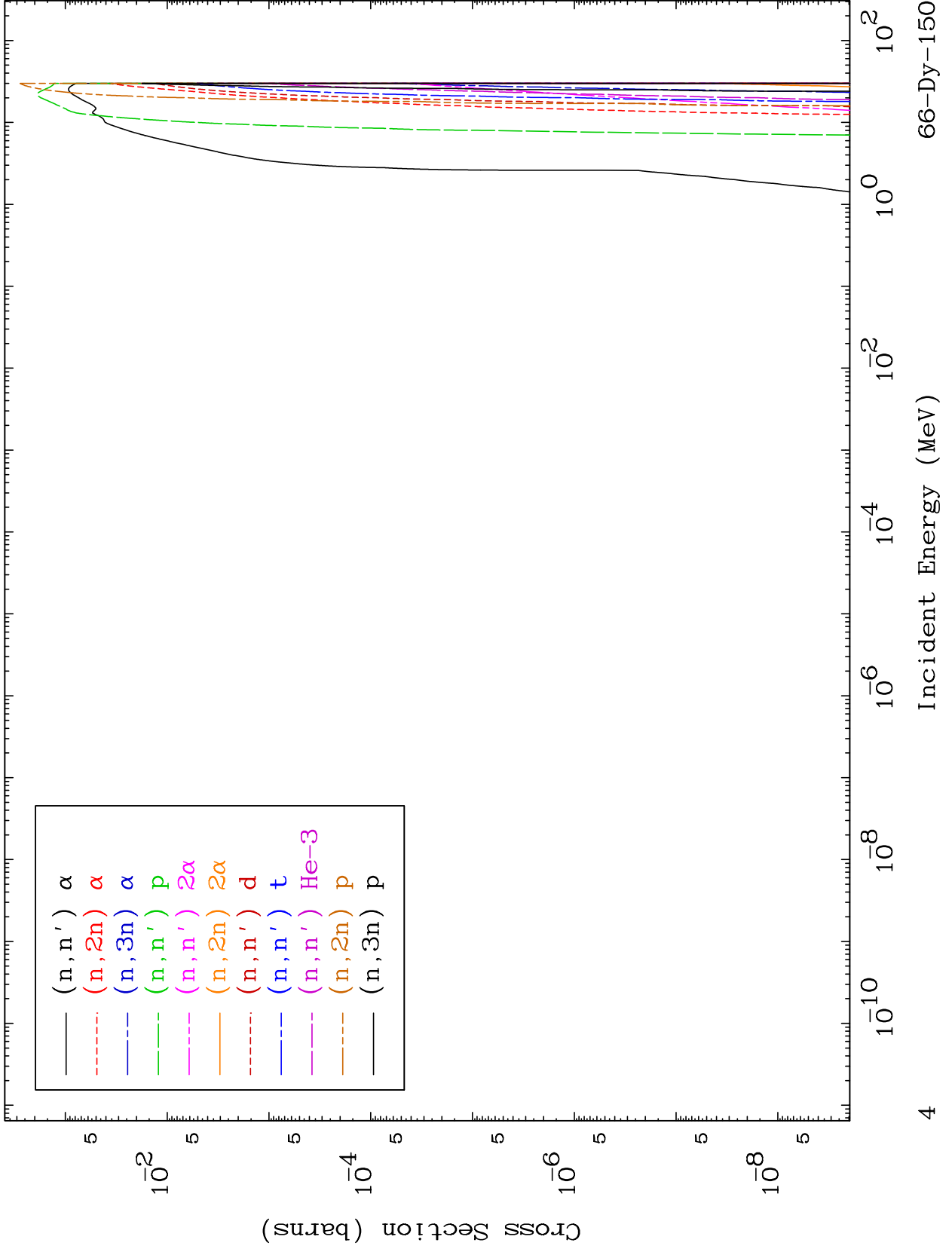




MAT 6607

Charged Particle  
293 Kelvin Cross Sections

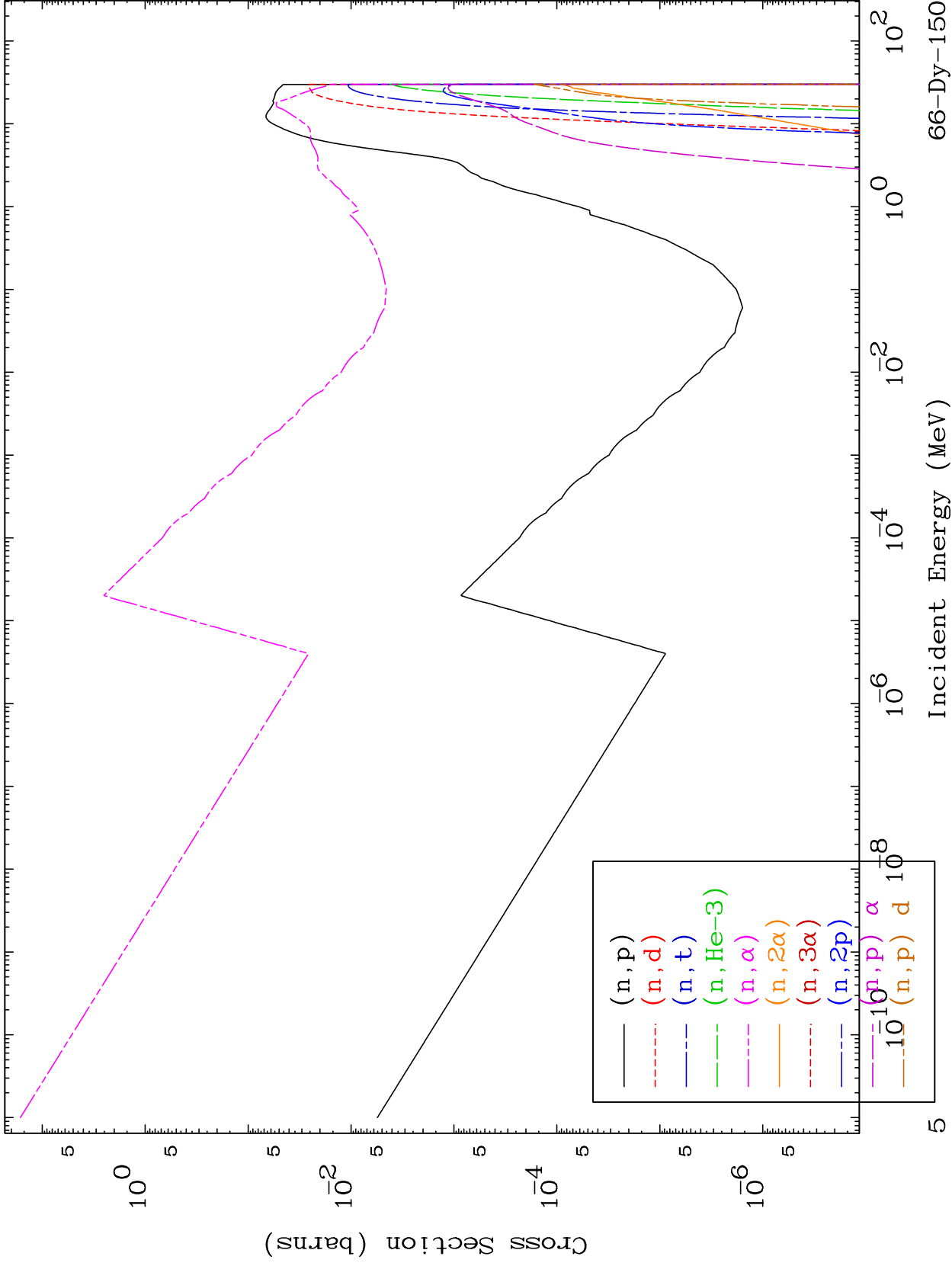
66-Dy-150



MAT 6607

Charged Particle  
293 Kelvin Cross Sections

66-Dy-150



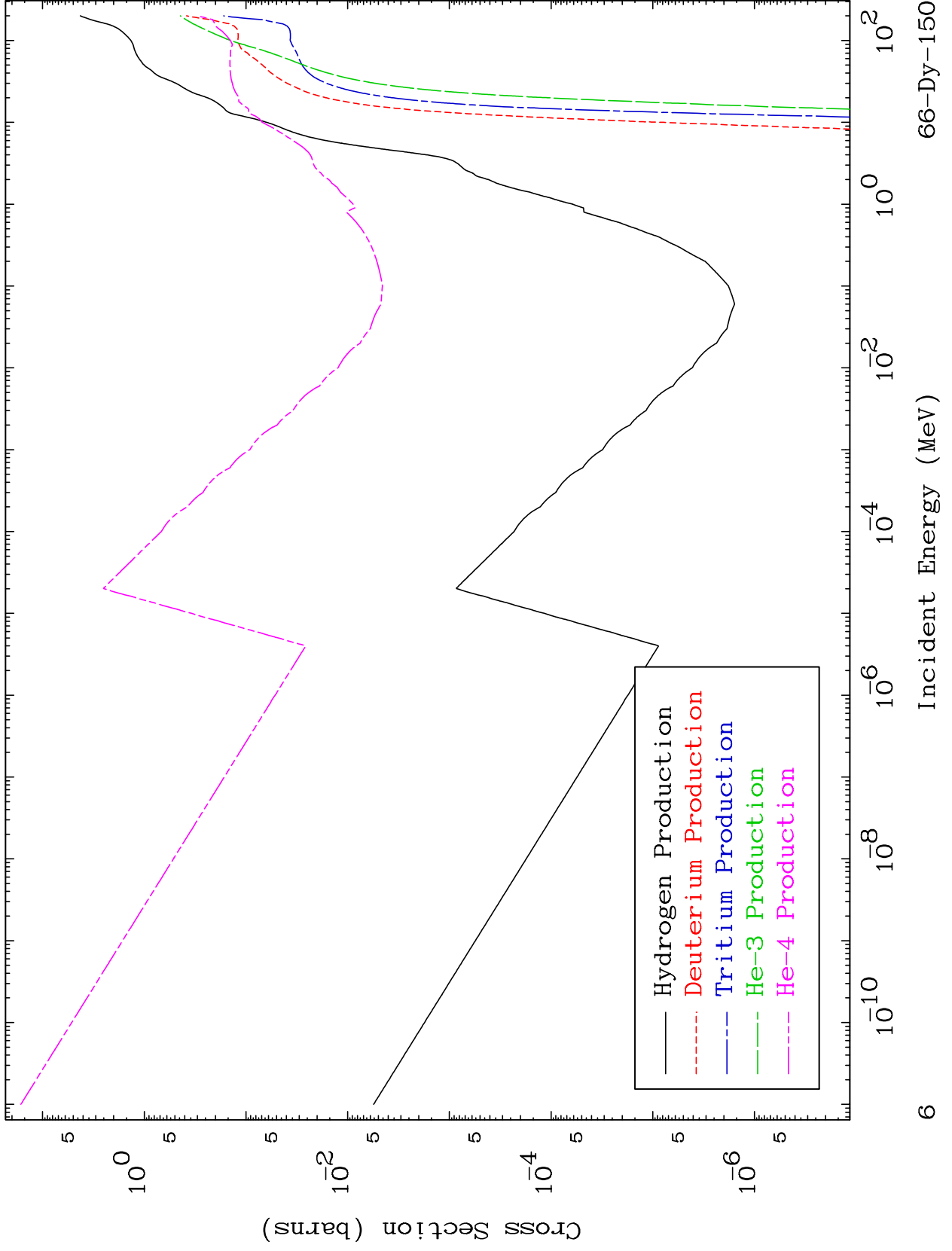
66-Dy-150

Incident Energy (MeV)

MAT 6607

Particle Production  
293 Kelvin Cross Sections

66-Dy-150

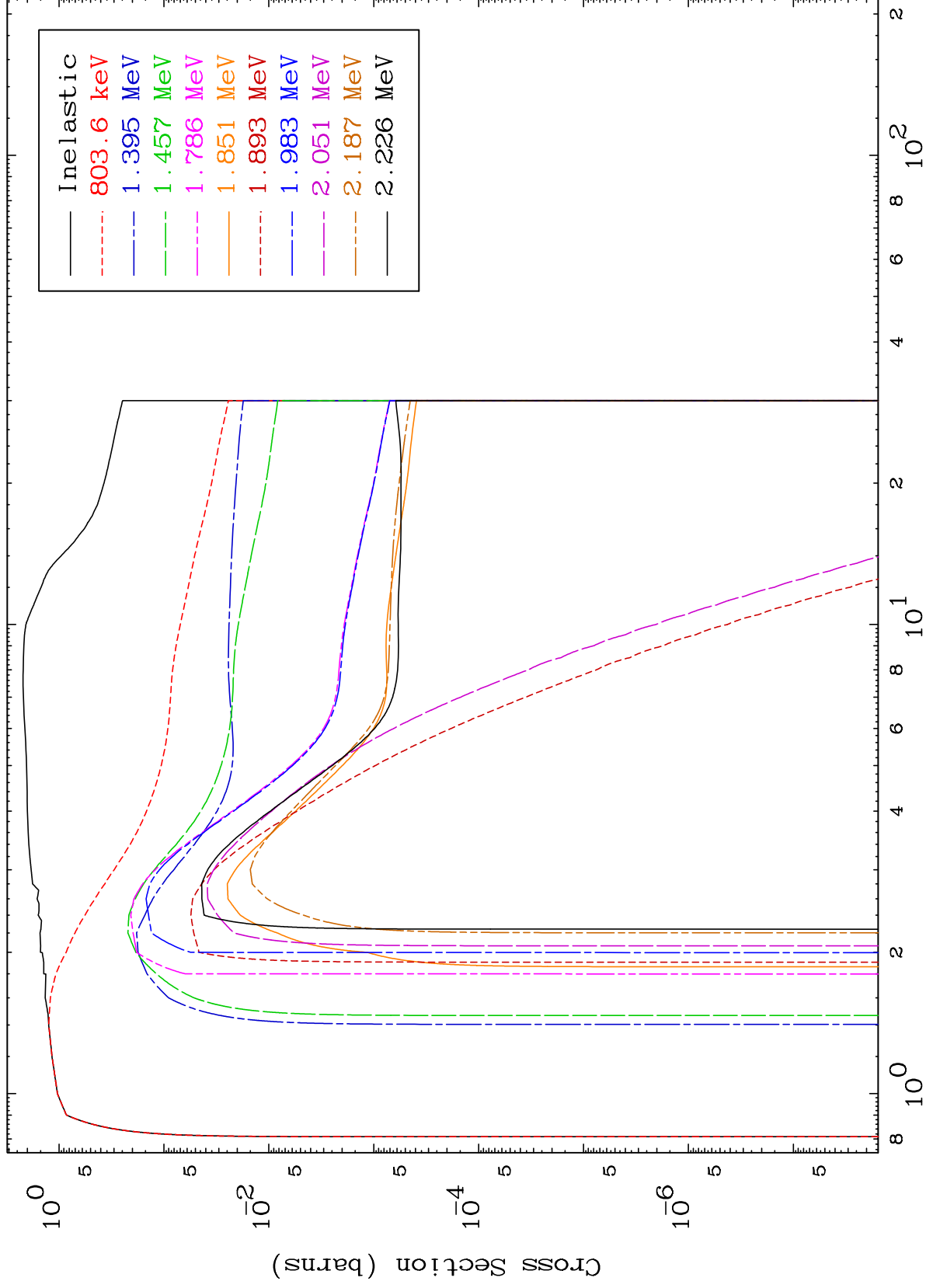


MAT 6607

(n,n') Level

66-Dy-150

293 Kelvin Cross Sections



Incident Energy (MeV)

66-Dy-150

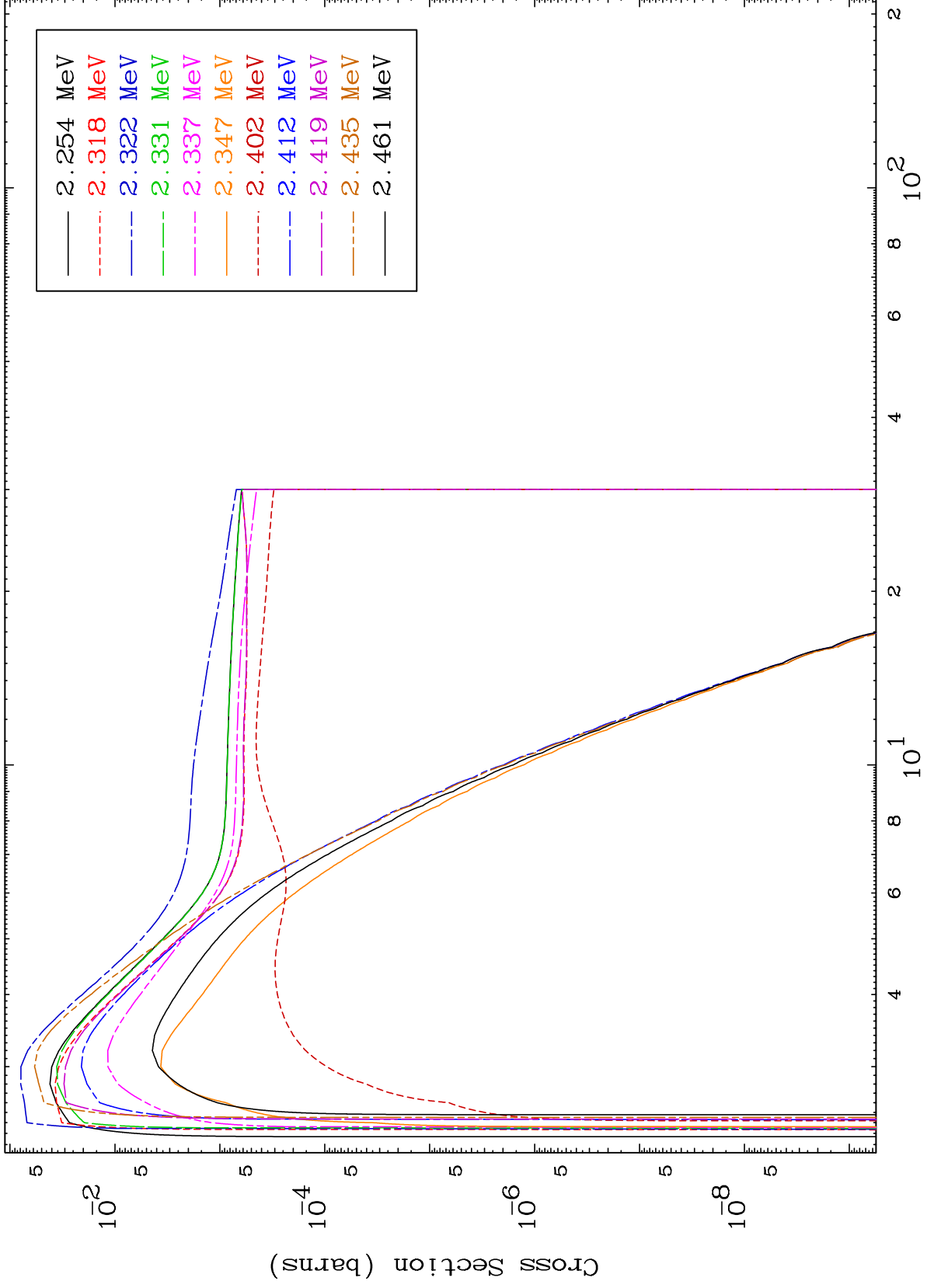
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MAT 6607

(n,n') Level  
293 Kelvin Cross Sections

66-Dy-150



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Incident Energy (MeV)

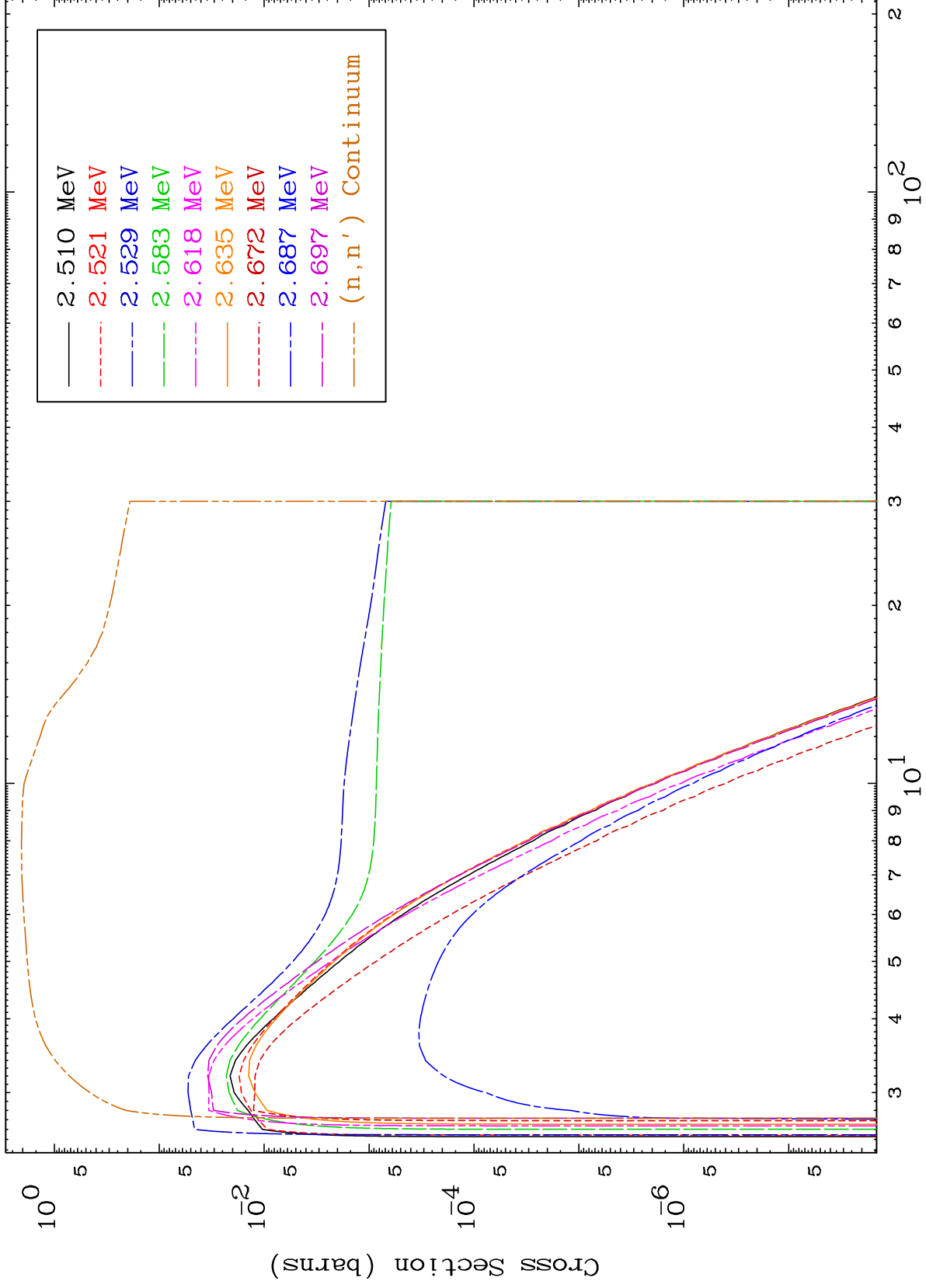
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MAT 6607

(n,n') Level

66-Dy-150

293 Kelvin Cross Sections



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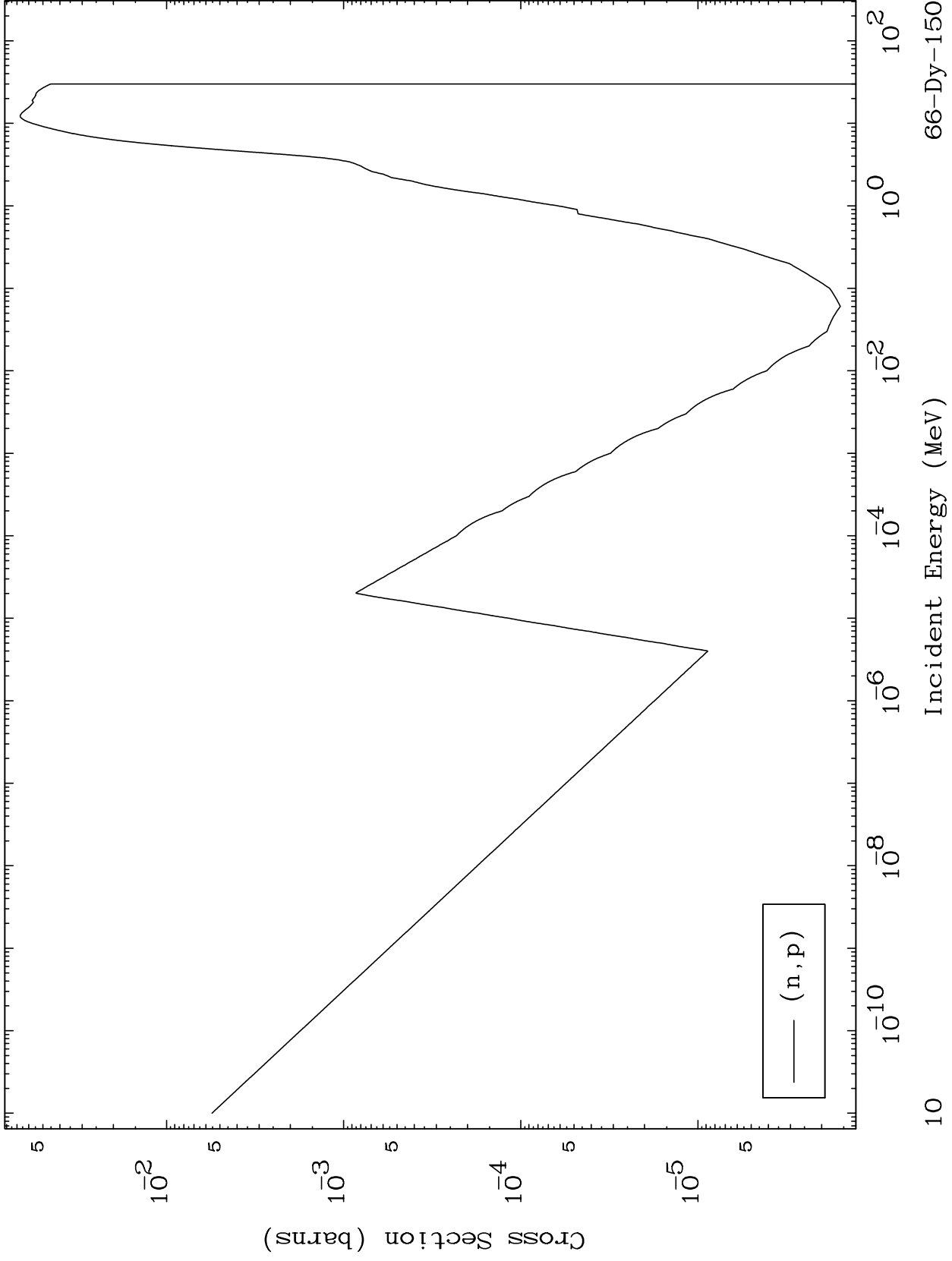
Incident Energy (MeV)

66-Dy-150

MAT 6607

(n,p) Levels  
293 Kelvin Cross Sections

66-Dy-150



10

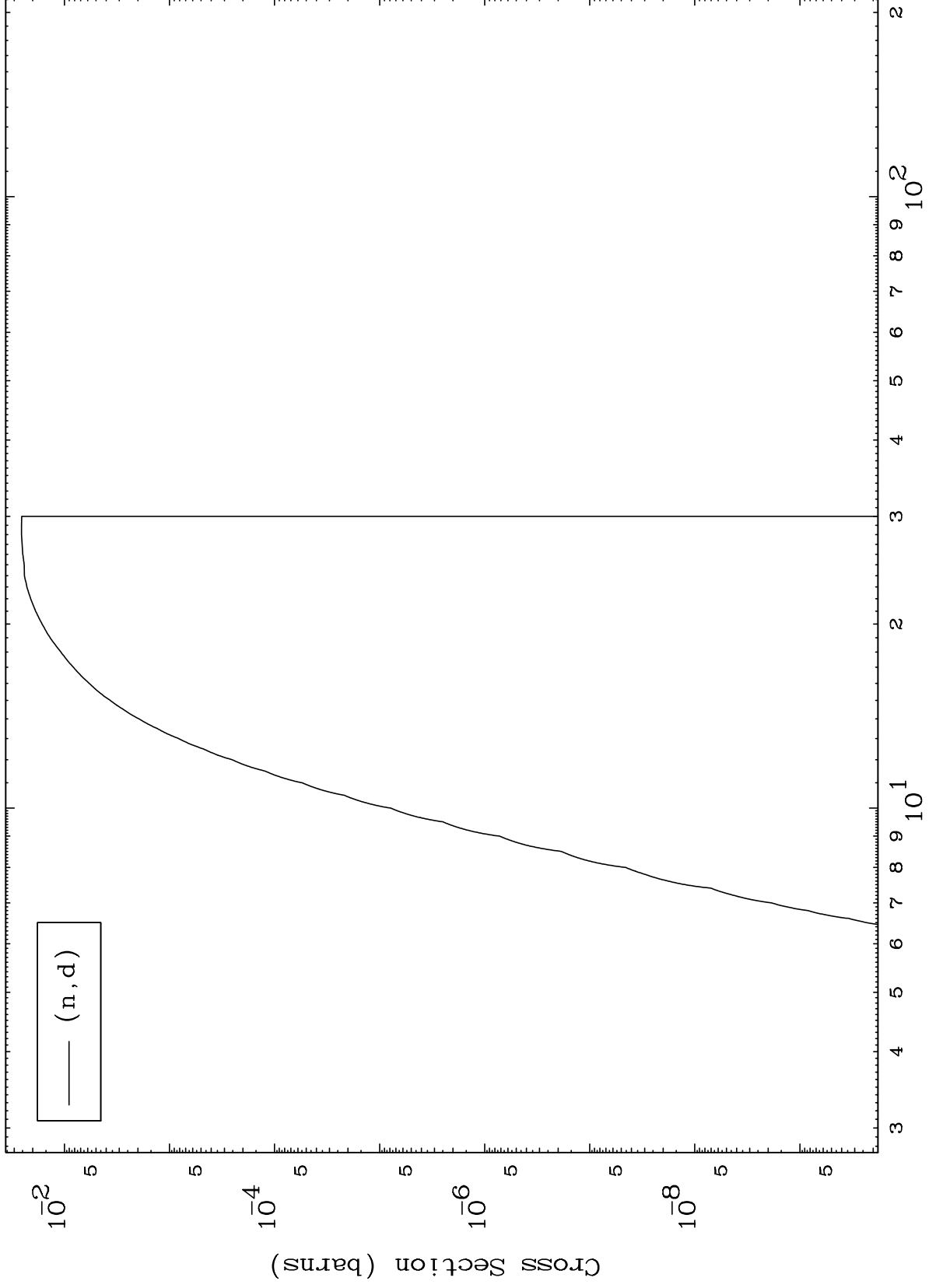
Incident Energy (MeV)

66-Dy-150

MAT 6607

(n,d) Levels  
293 Kelvin Cross Sections

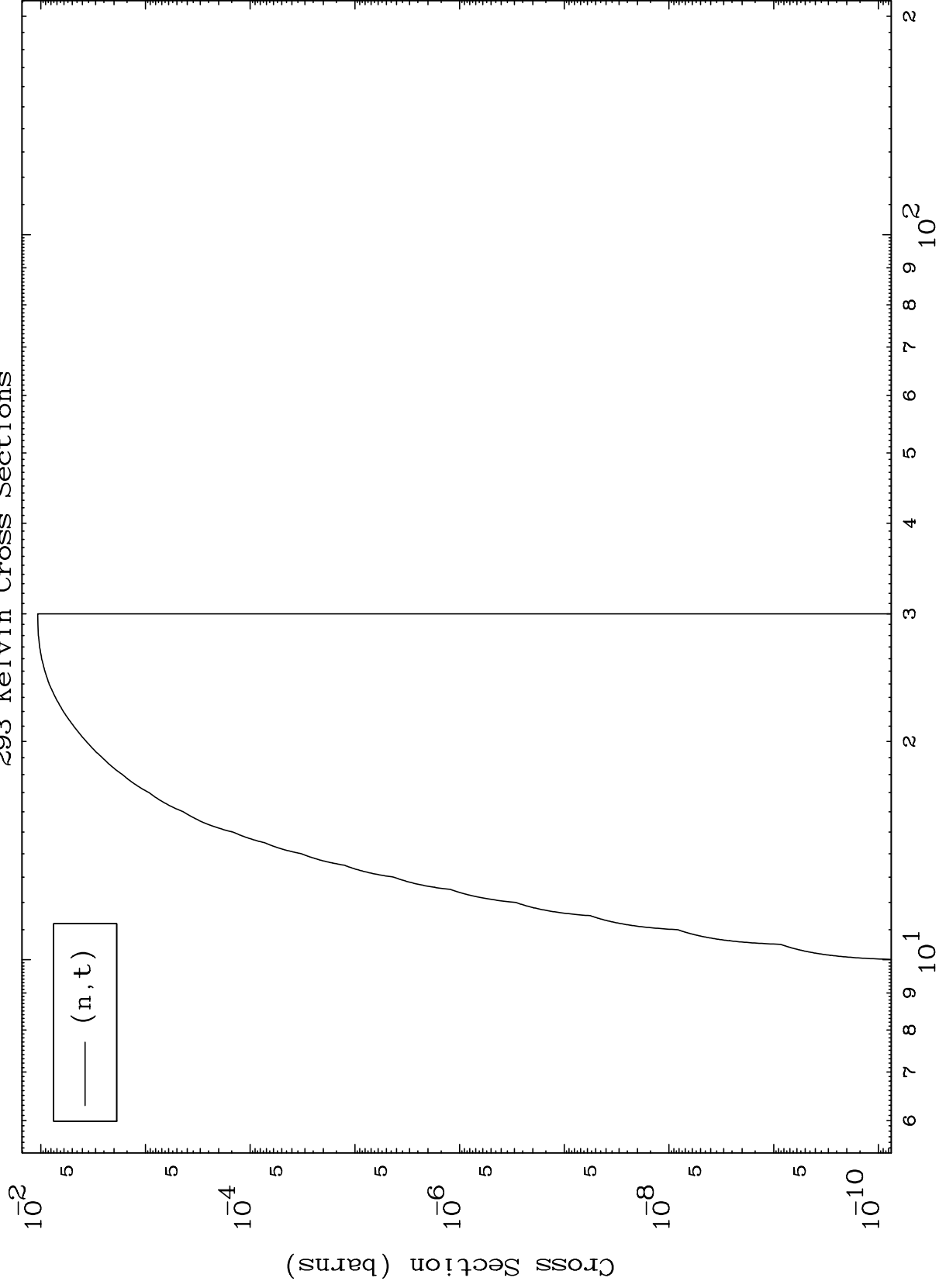
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MAT 6607

(n,t) Levels  
293 Kelvin Cross Sections

66-Dy-150



12

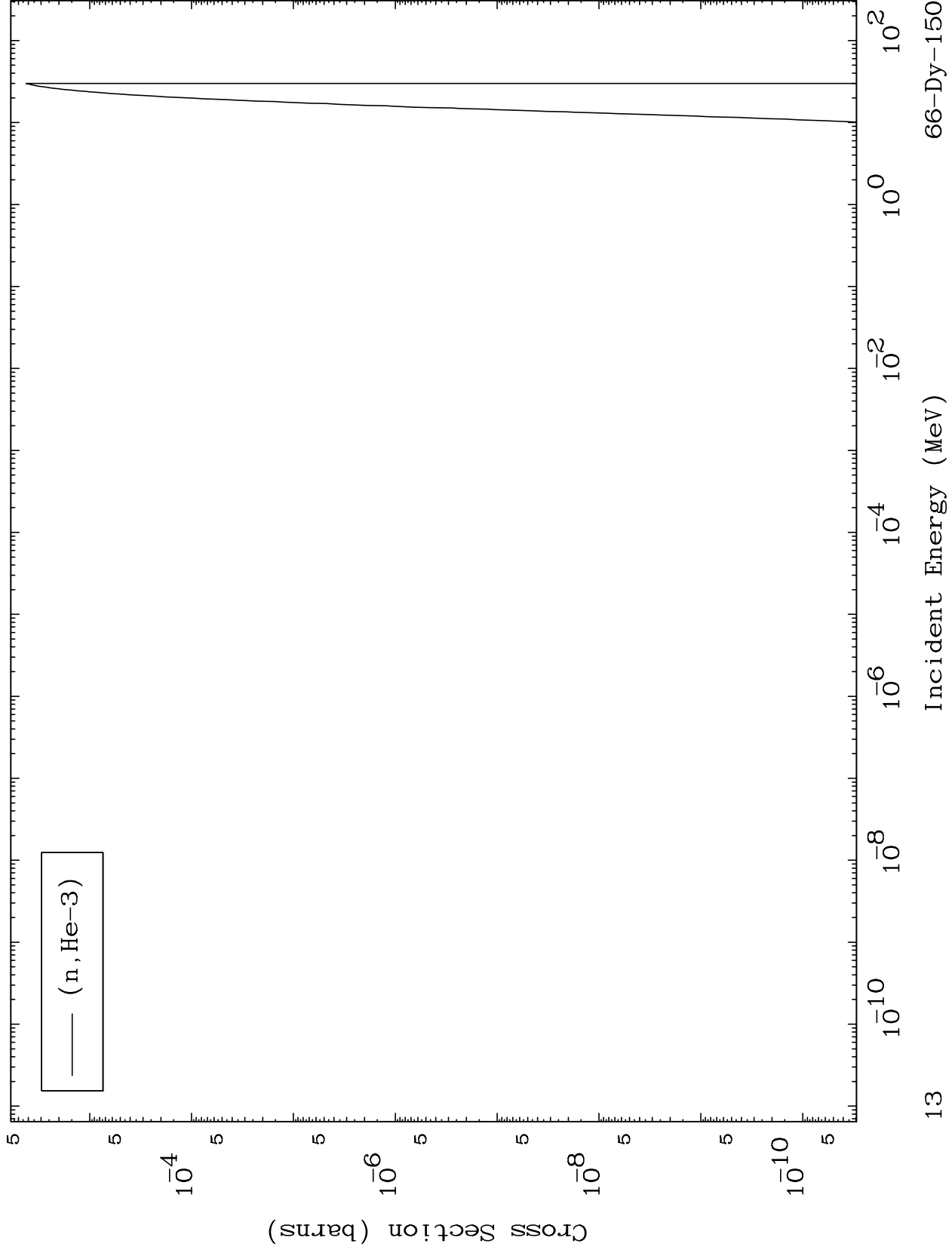
Incident Energy (MeV)

66-Dy-150

MAT 6607

(n,He3) Levels  
293 Kelvin Cross Sections

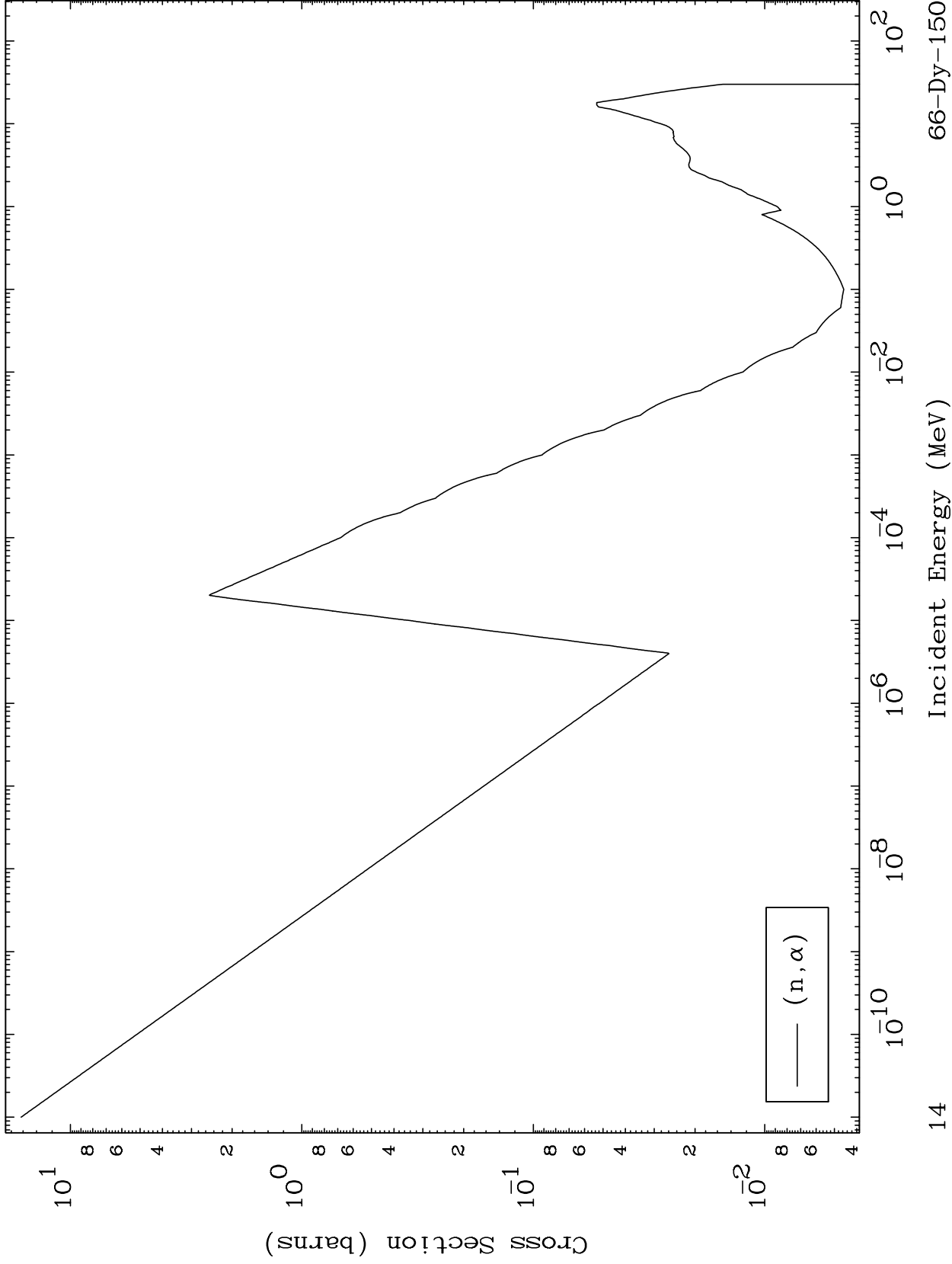
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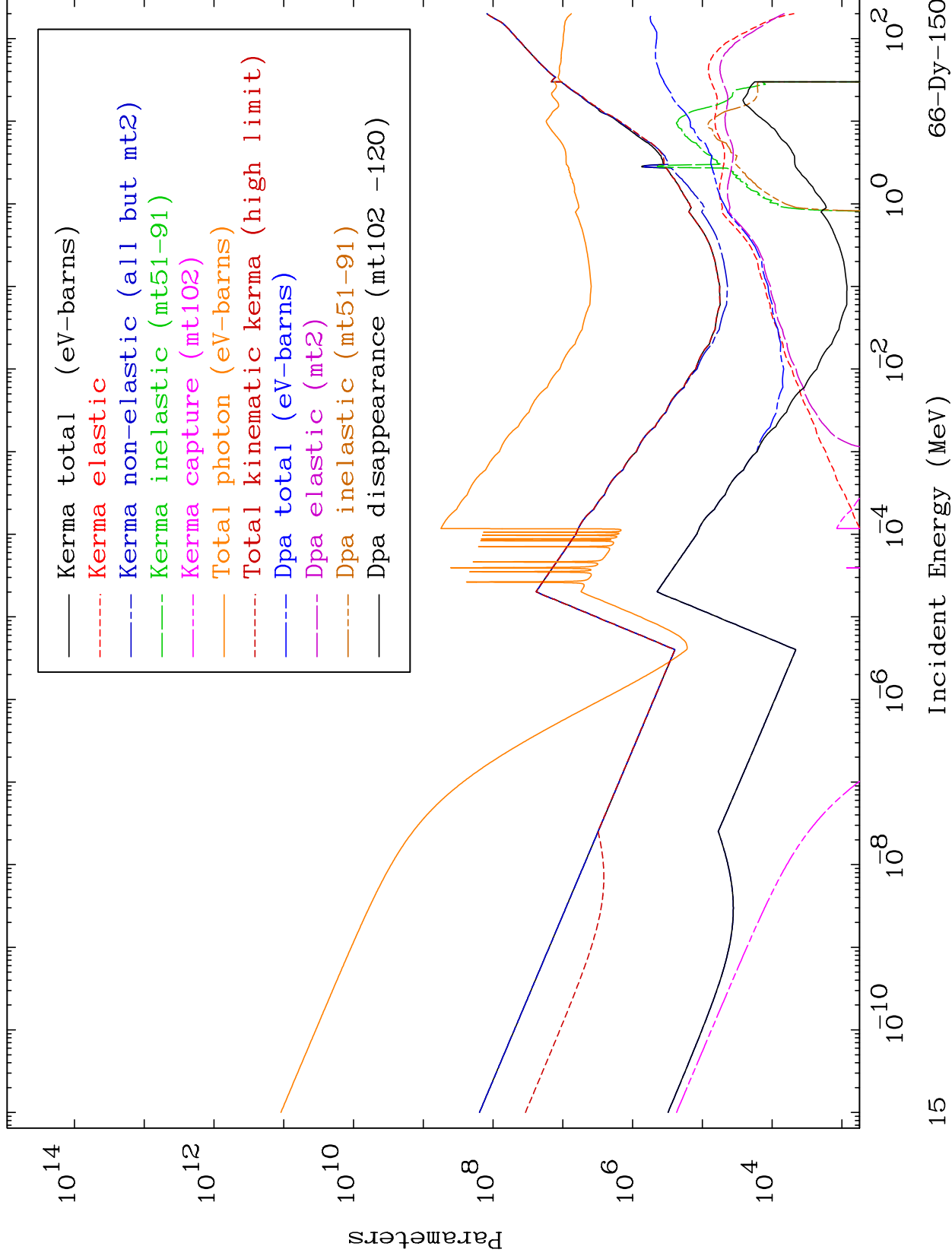


MAT 6607

(n,α) Levels  
293 Kelvin Cross Sections

66-Dy-150



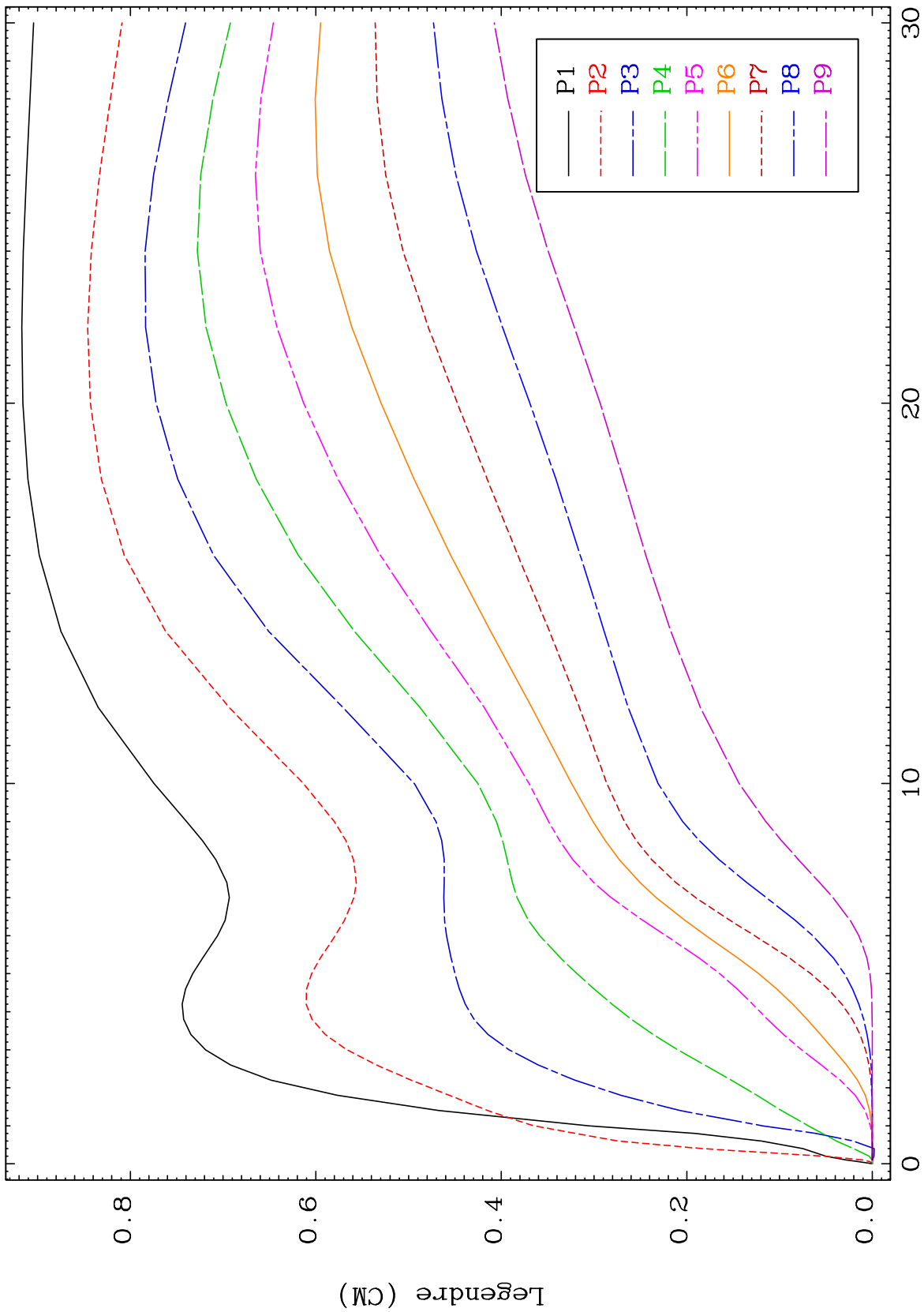




MAT 6607

Elastic Legendre Coefficients

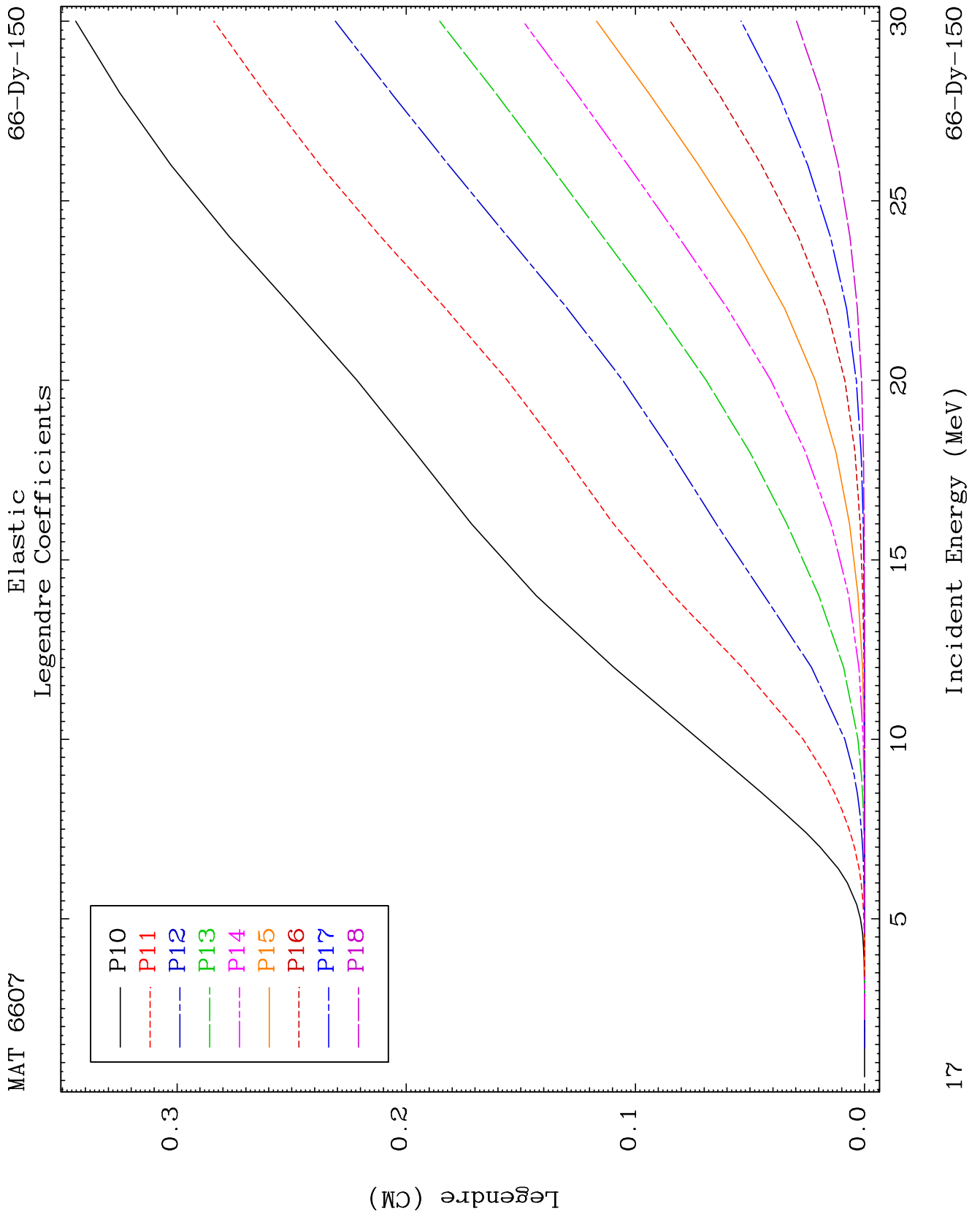
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Incident Energy (MeV)

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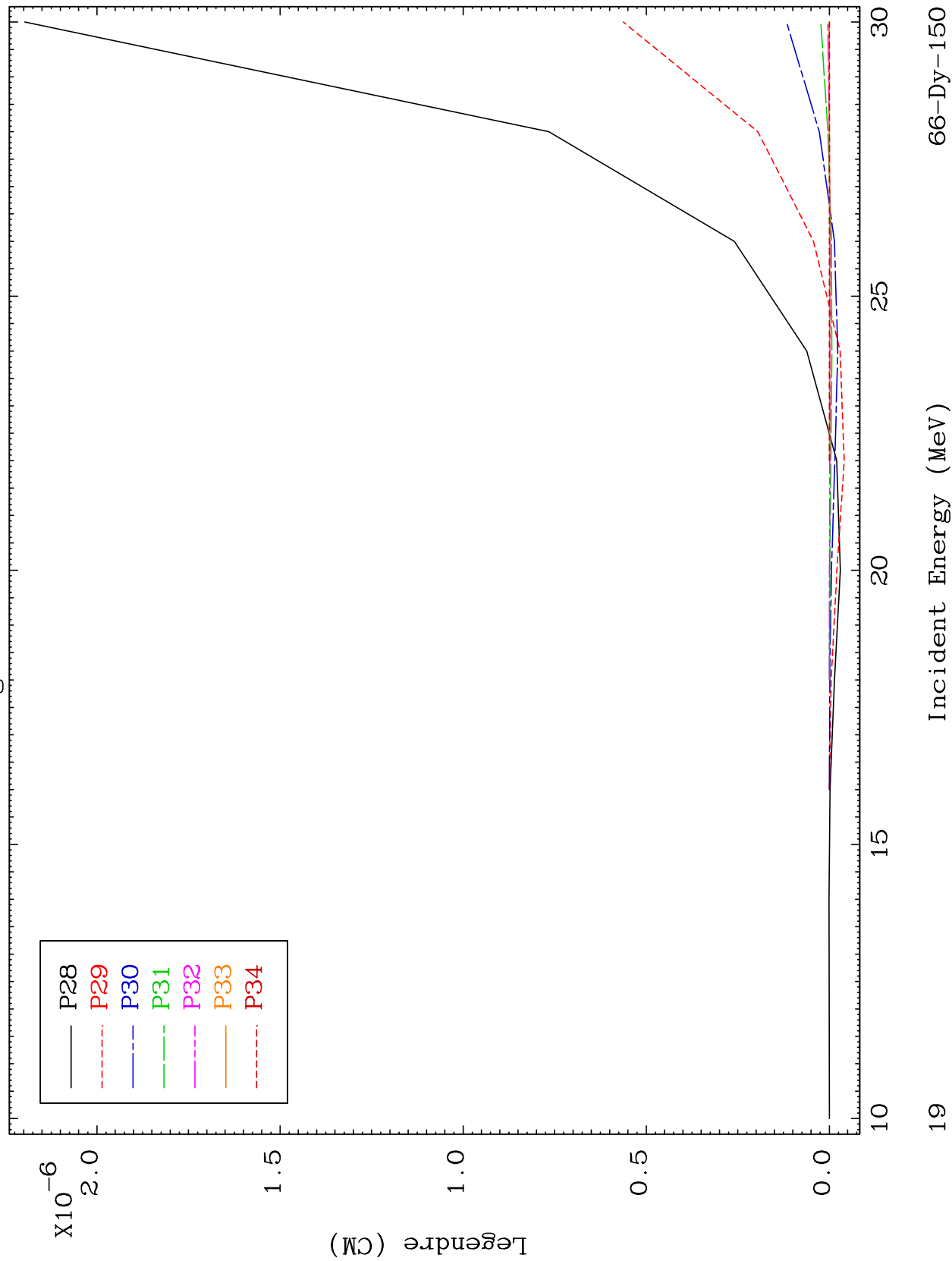




MAT 6607

Elastic Legendre Coefficients

66-Dy-150



19

Incident Energy (MeV)

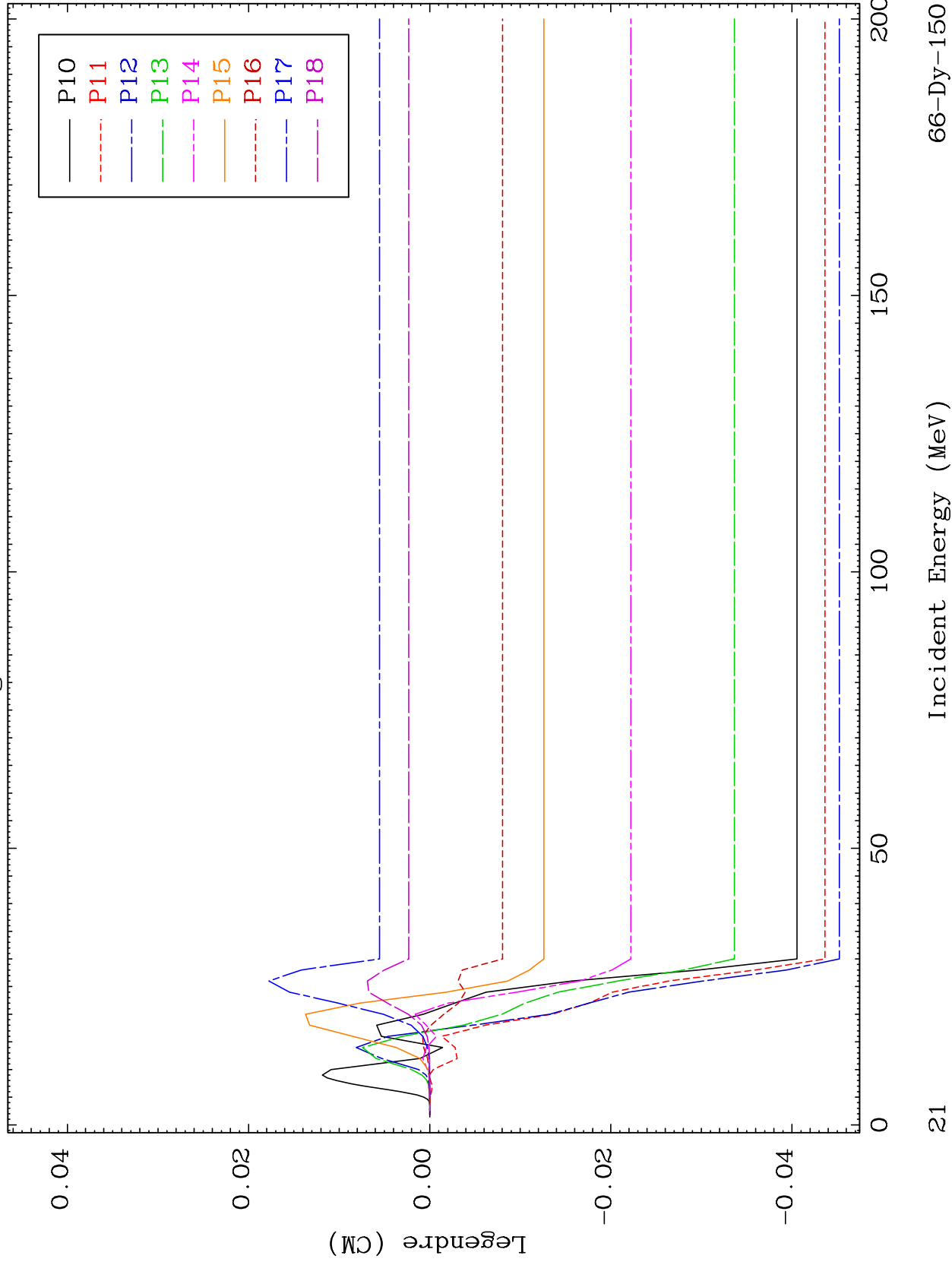
66-Dy-150



MAT 6607

803.6 keV (n,n') Level  
Legendre Coefficients

66-Dy-150



21

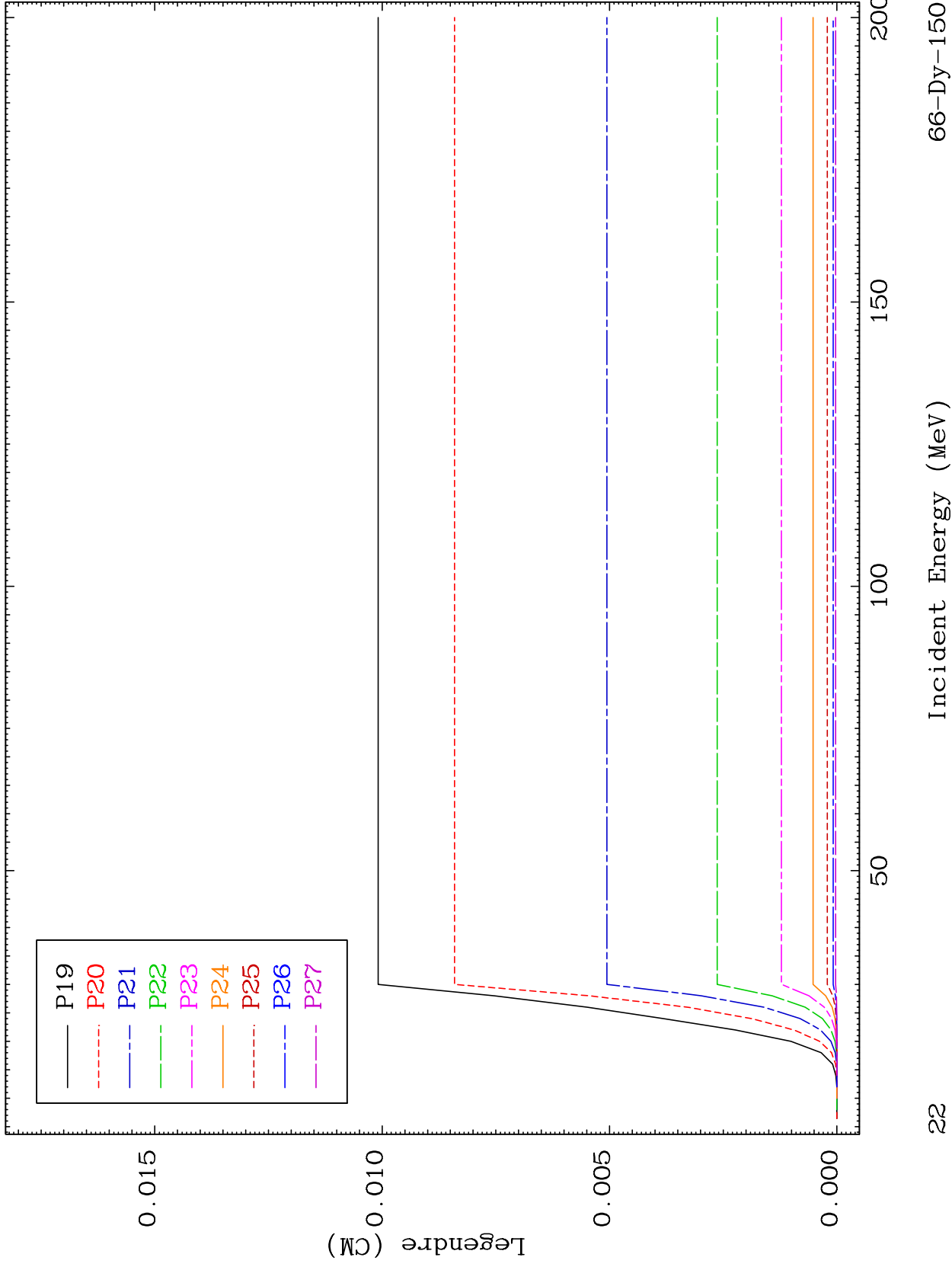
Incident Energy (MeV)

66-Dy-150

MAT 6607

803.6 keV (n,n') Level  
Legendre Coefficients

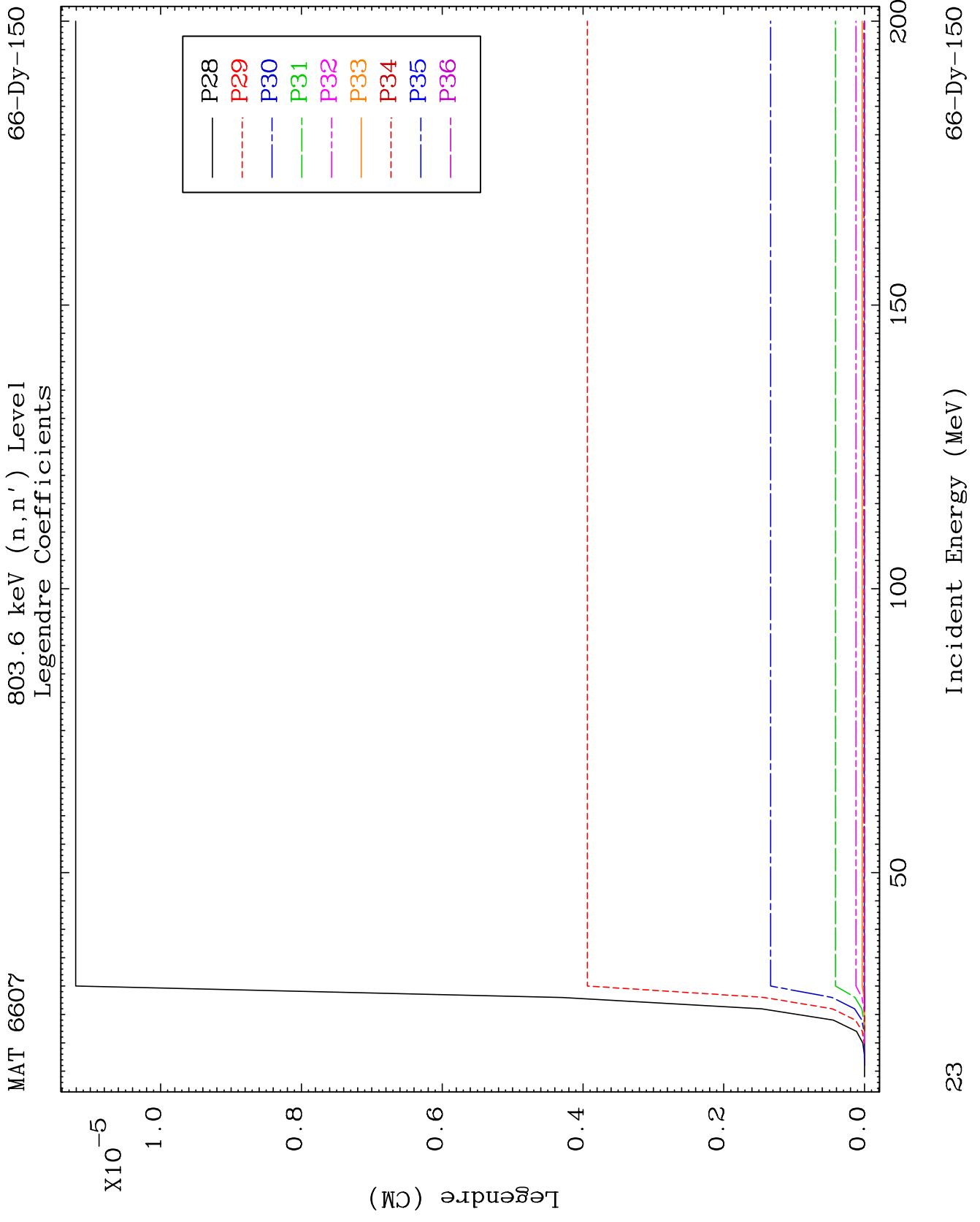
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22

Incident Energy (MeV)

66-Dy-150

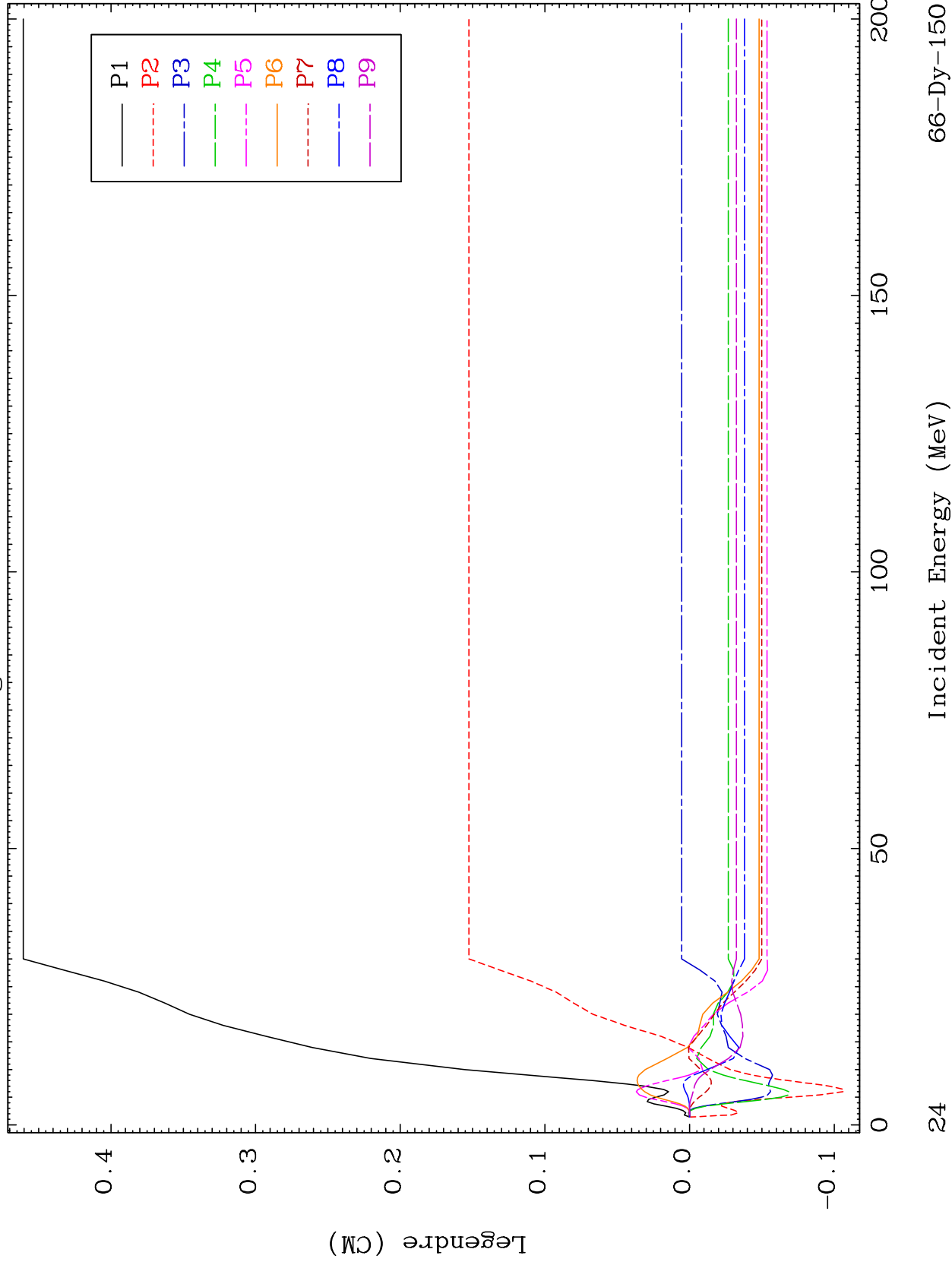




MAT 6607

1.395 MeV (n,n') Level  
Legendre Coefficients

66-Dy-150

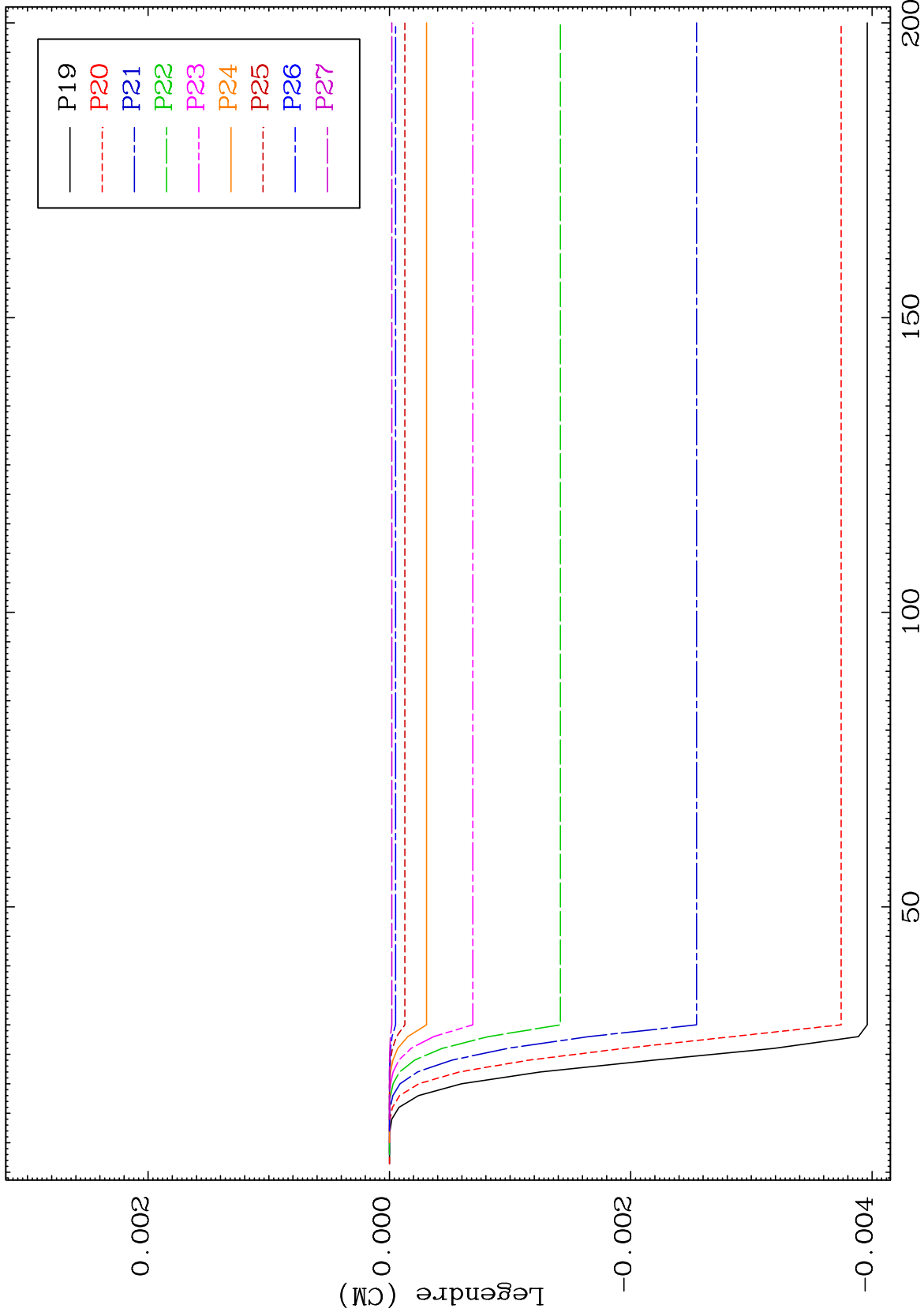


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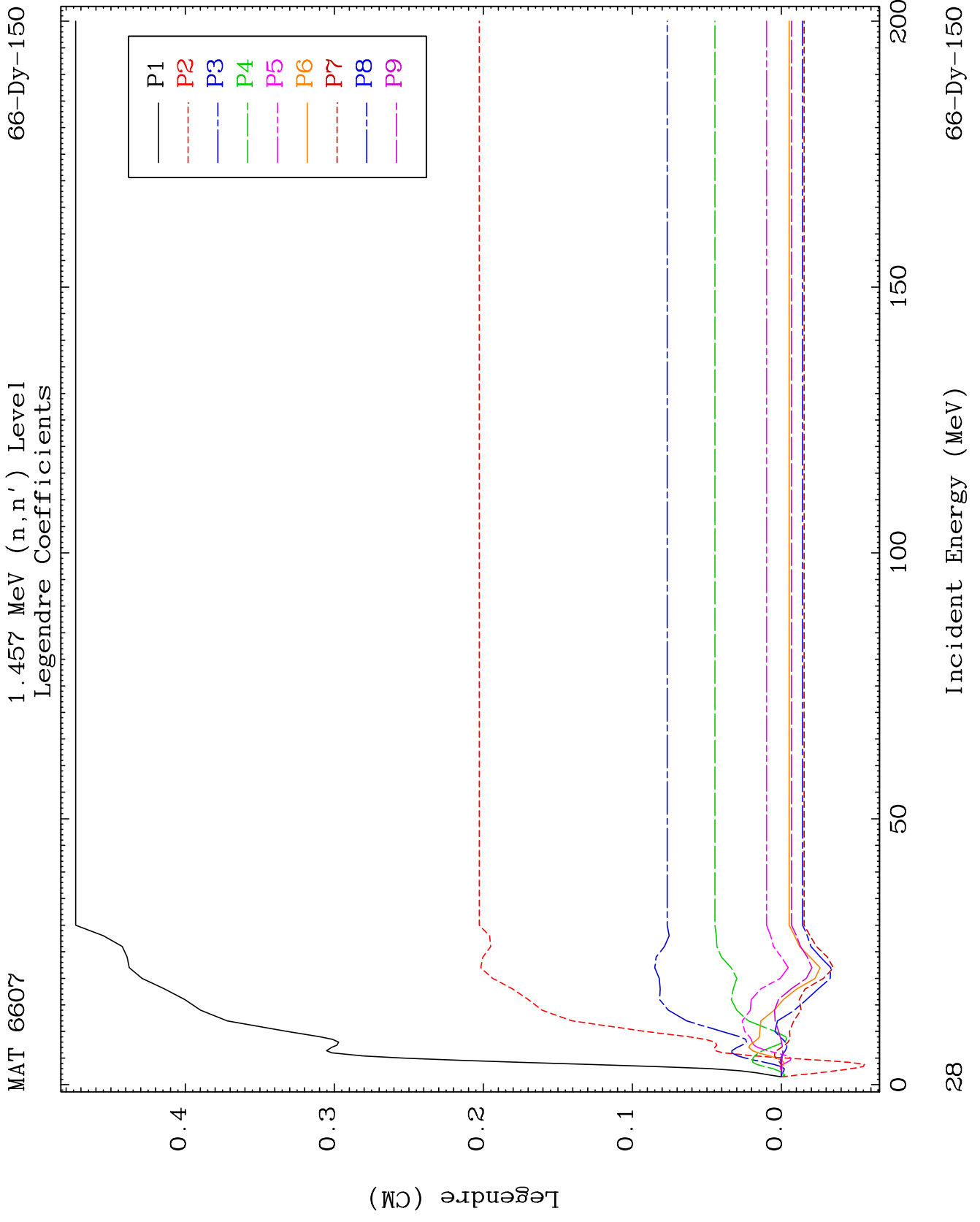
Incident Energy (MeV)

24







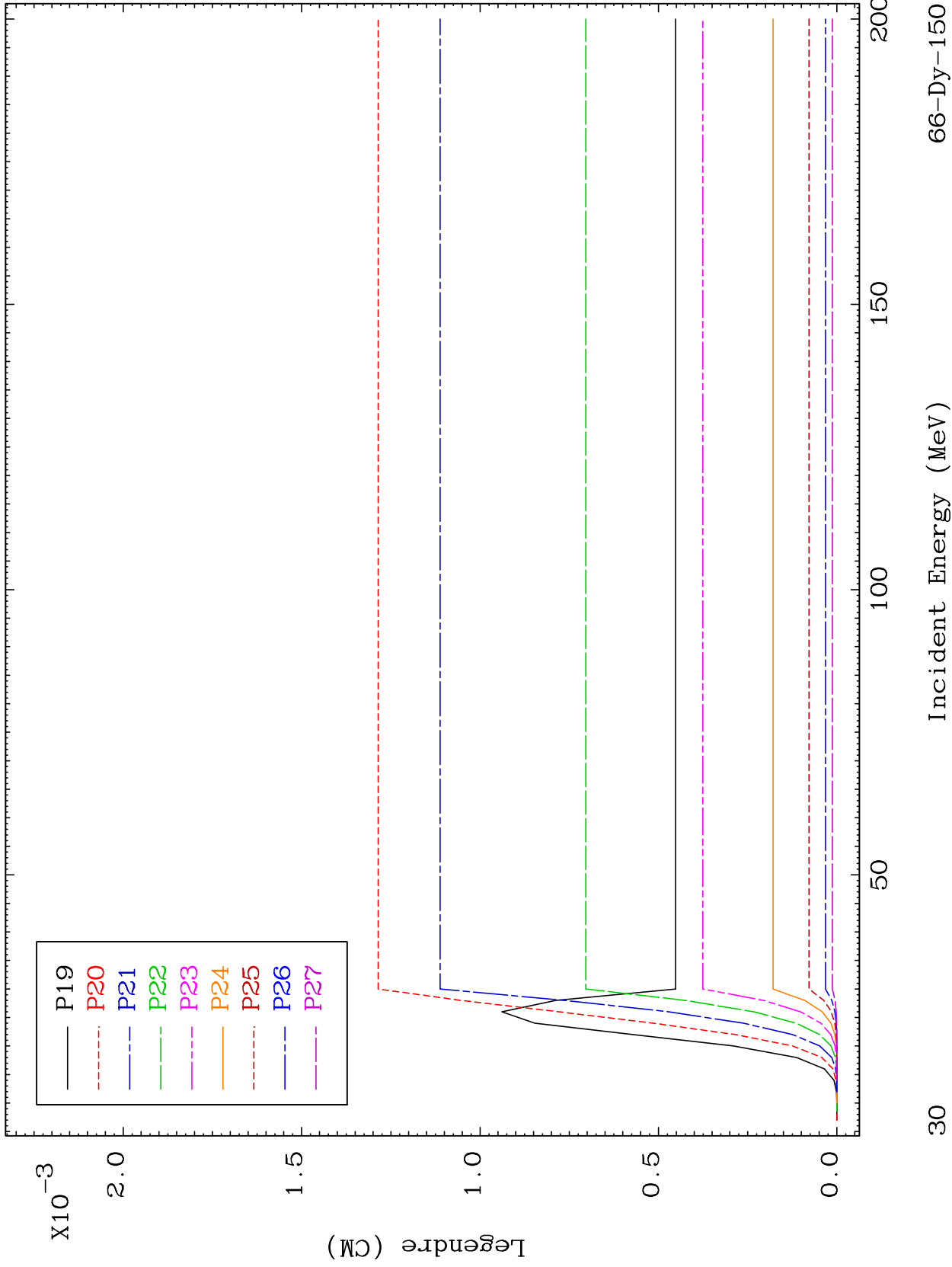




MAT 6607

1.457 MeV (n,n') Level  
Legendre Coefficients

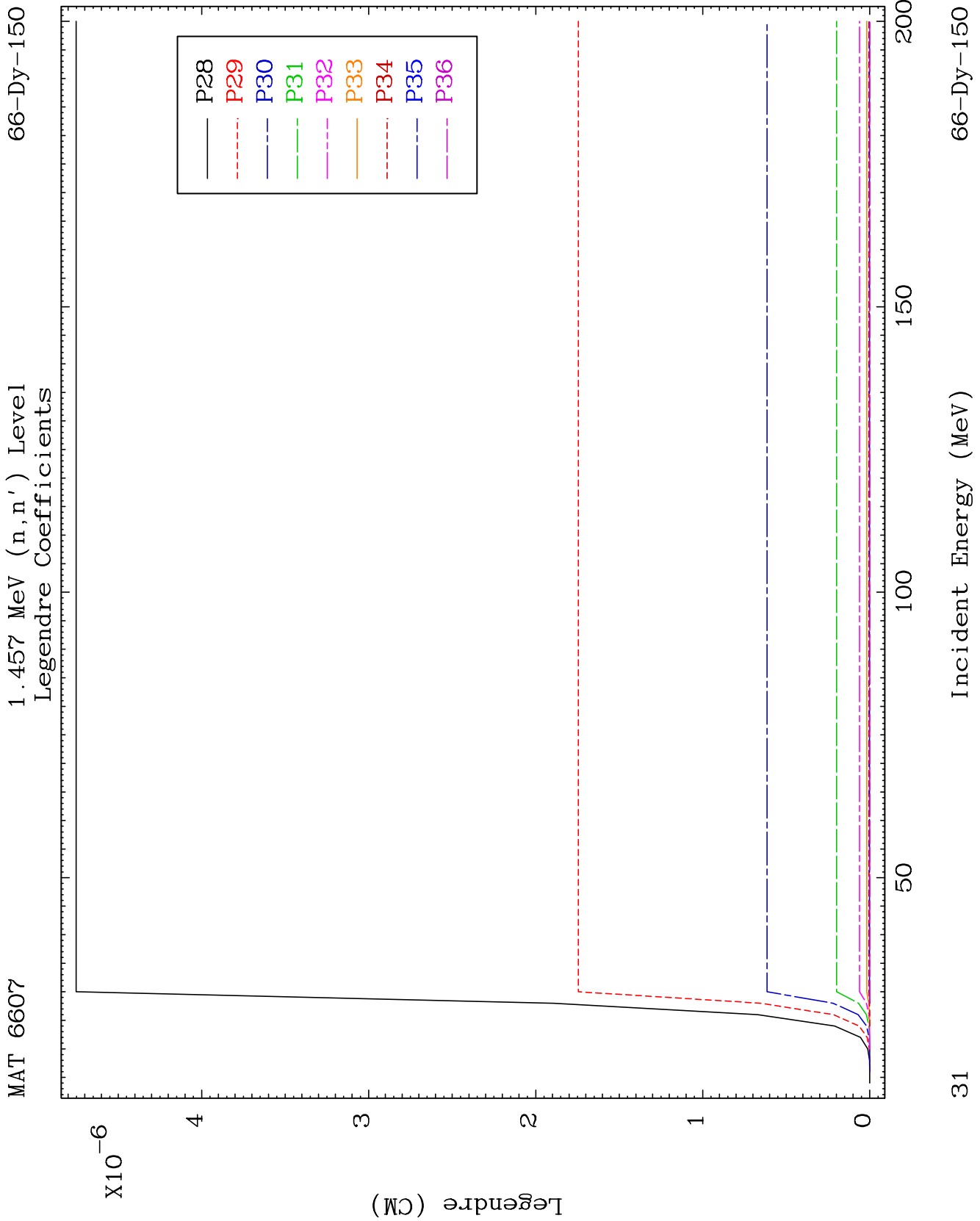
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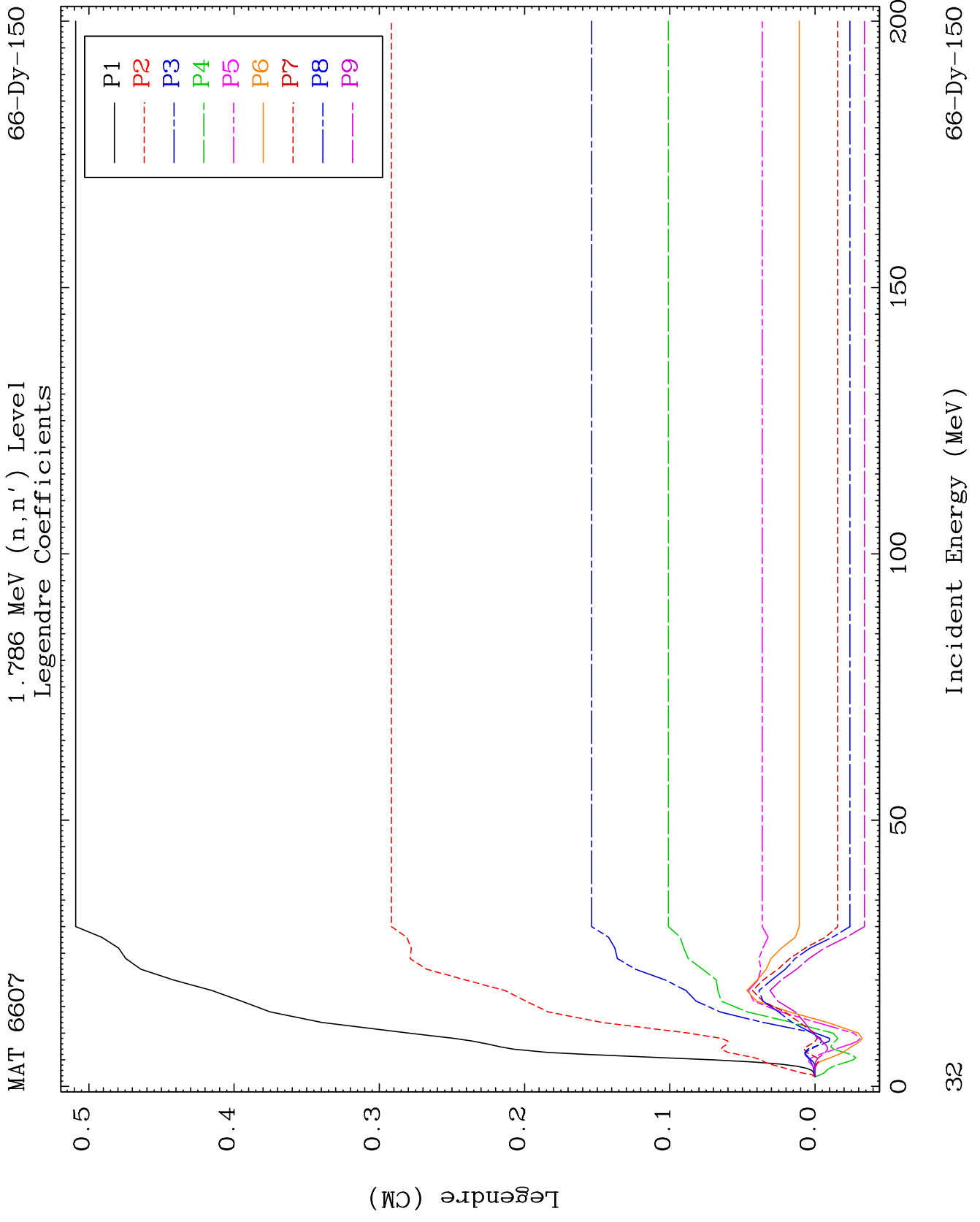
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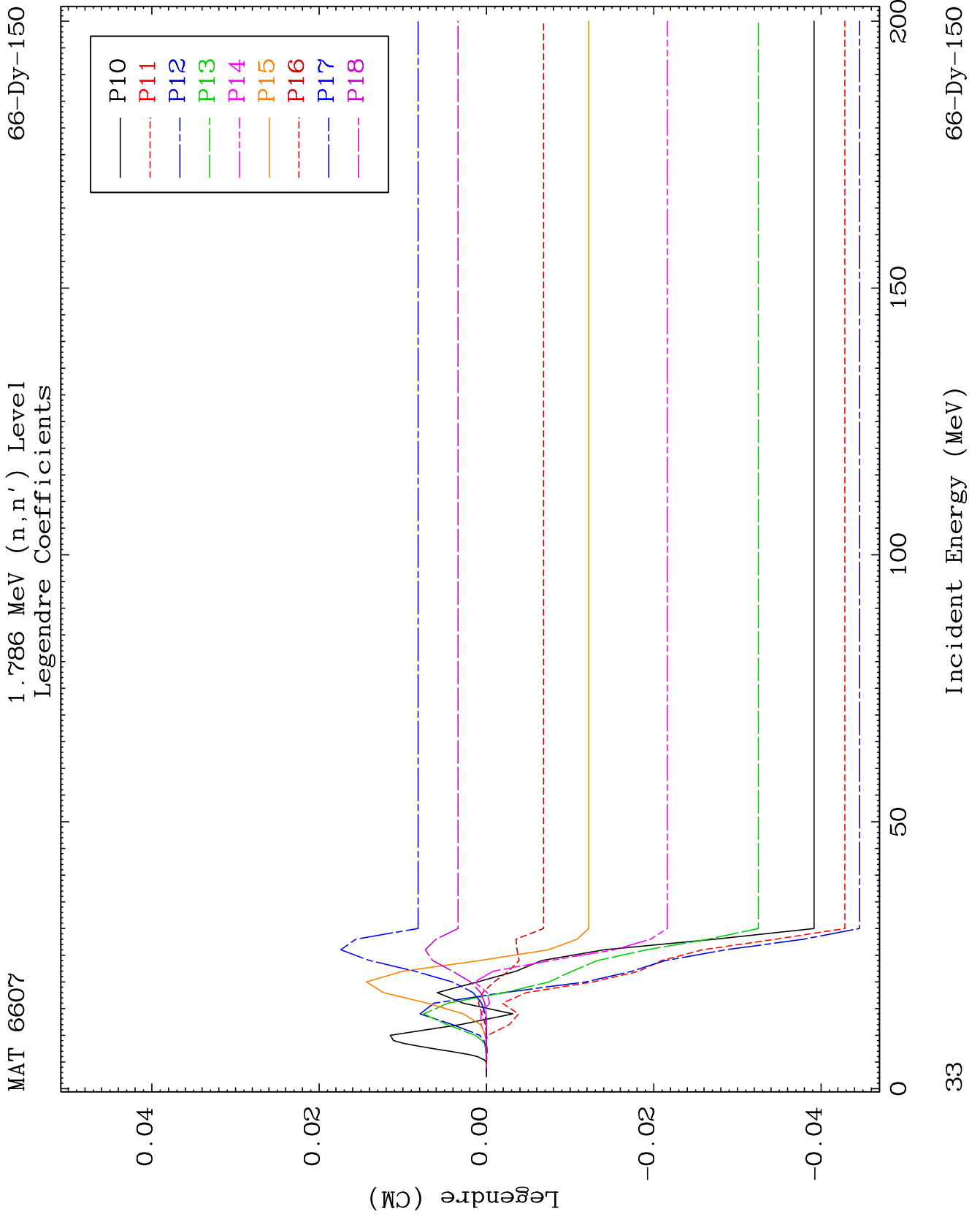
Incident Energy (MeV)

66-Dy-150





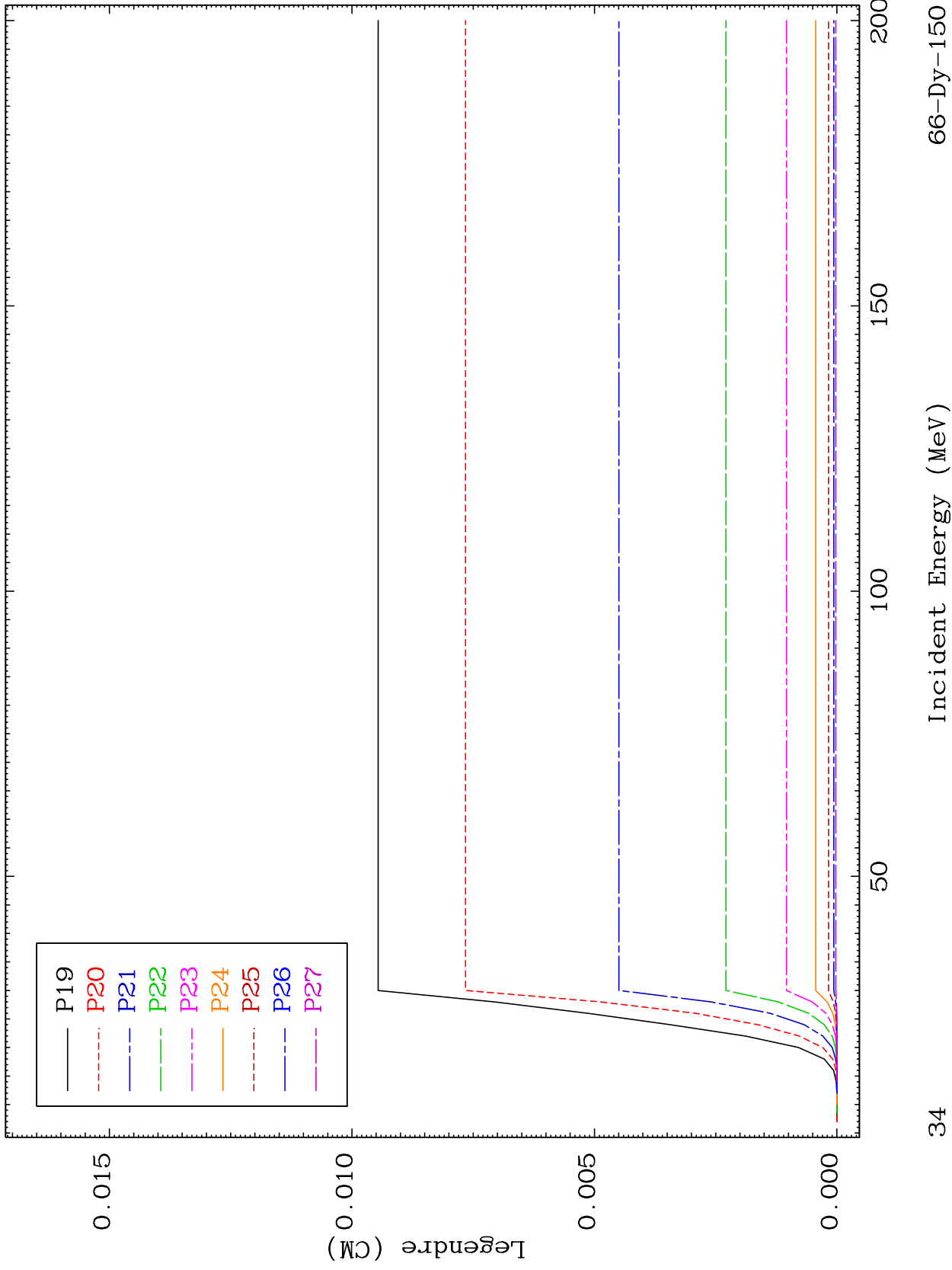




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1.786 MeV (n,n') Level  
Legendre Coefficients

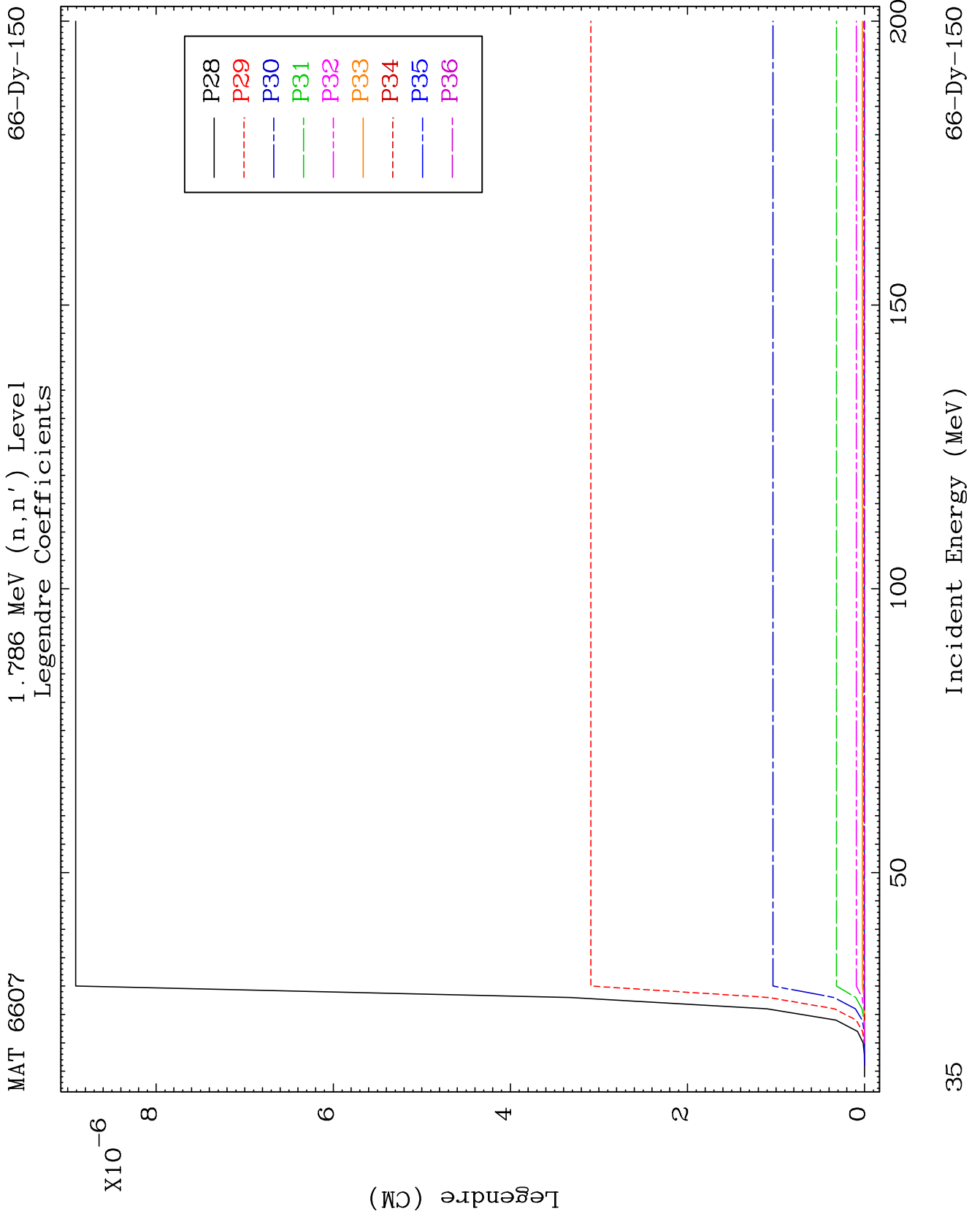
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34

Incident Energy (MeV)

66-Dy-150

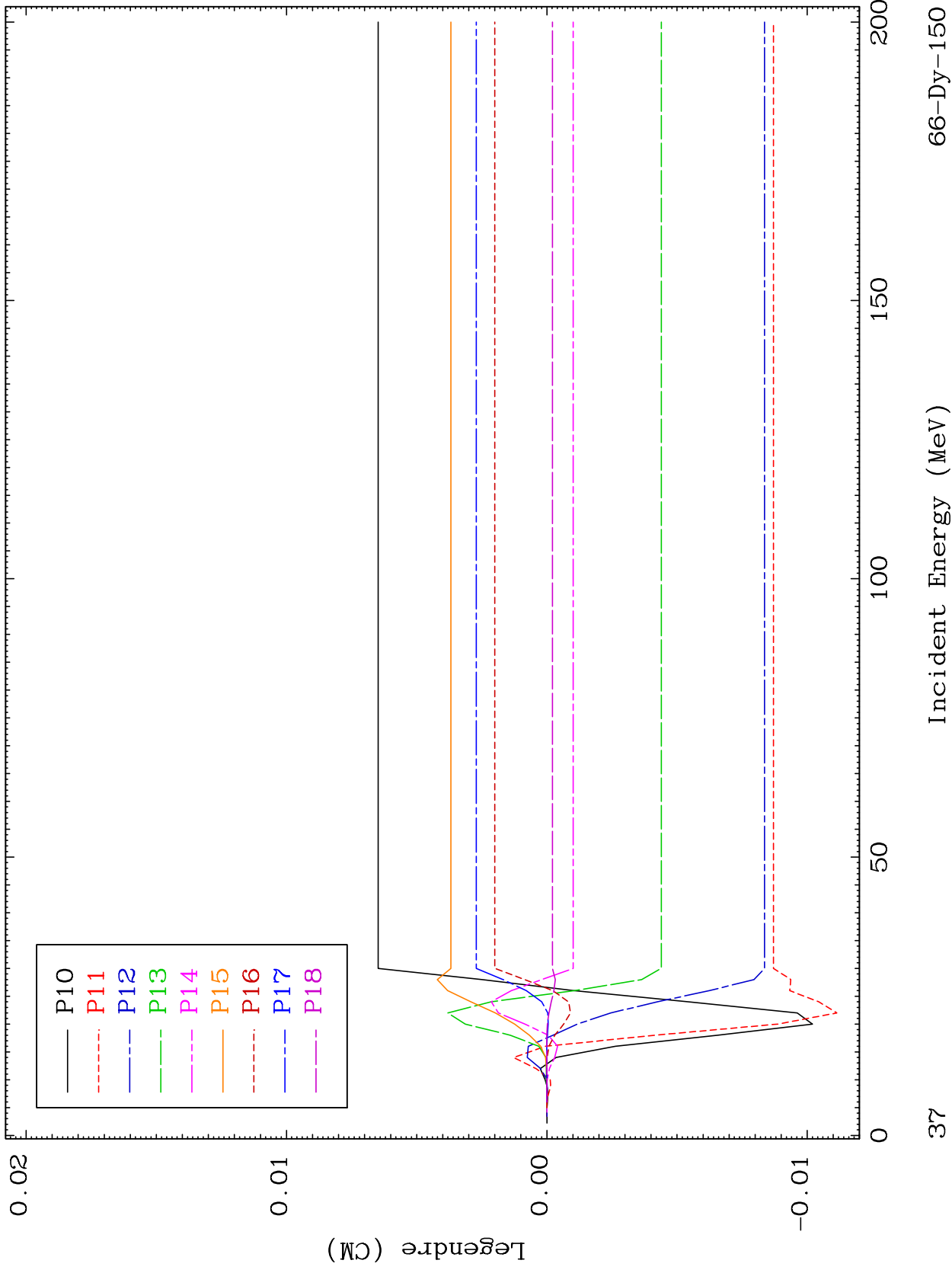




MAT 6607

1.851 MeV (n,n') Level  
Legendre Coefficients

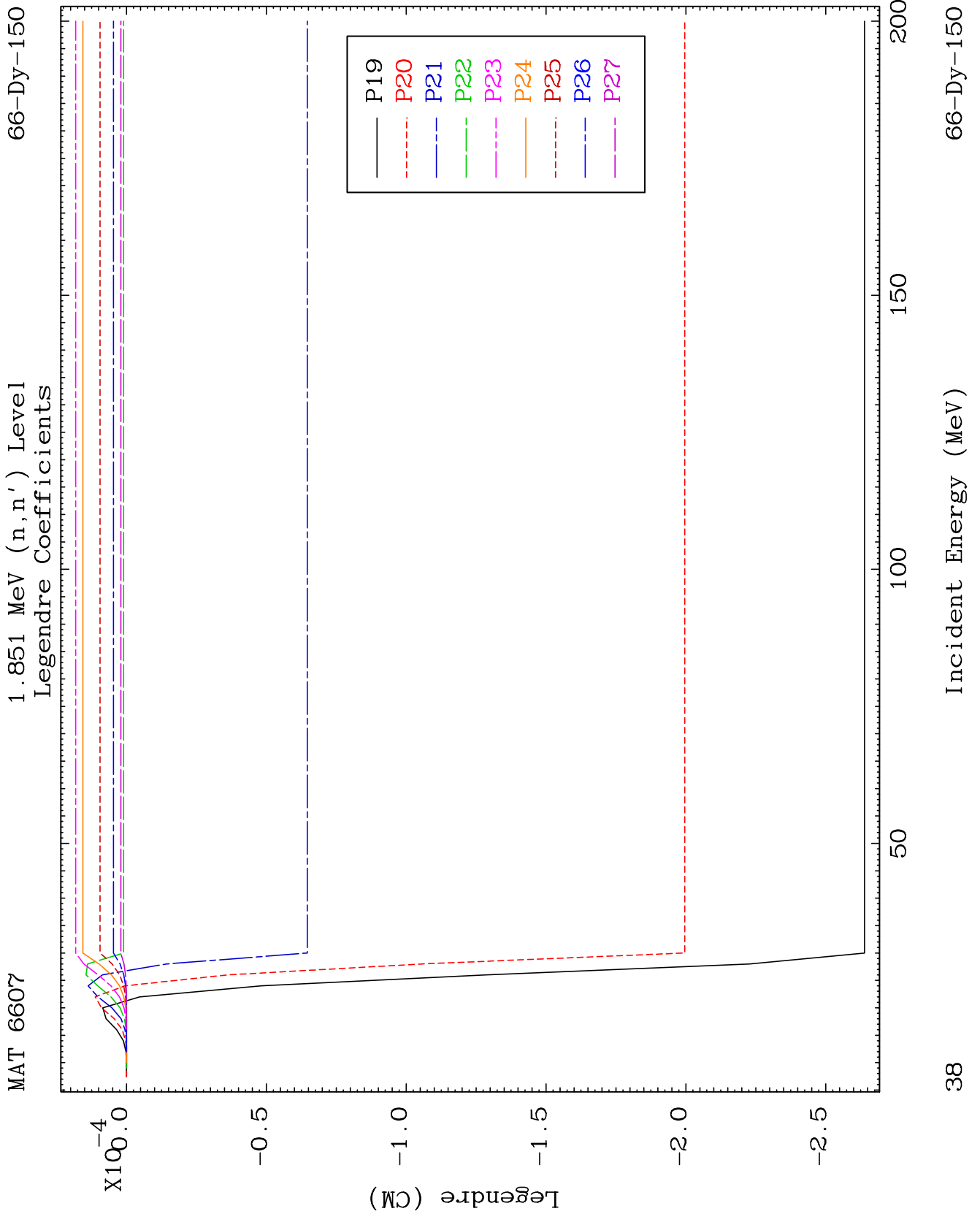
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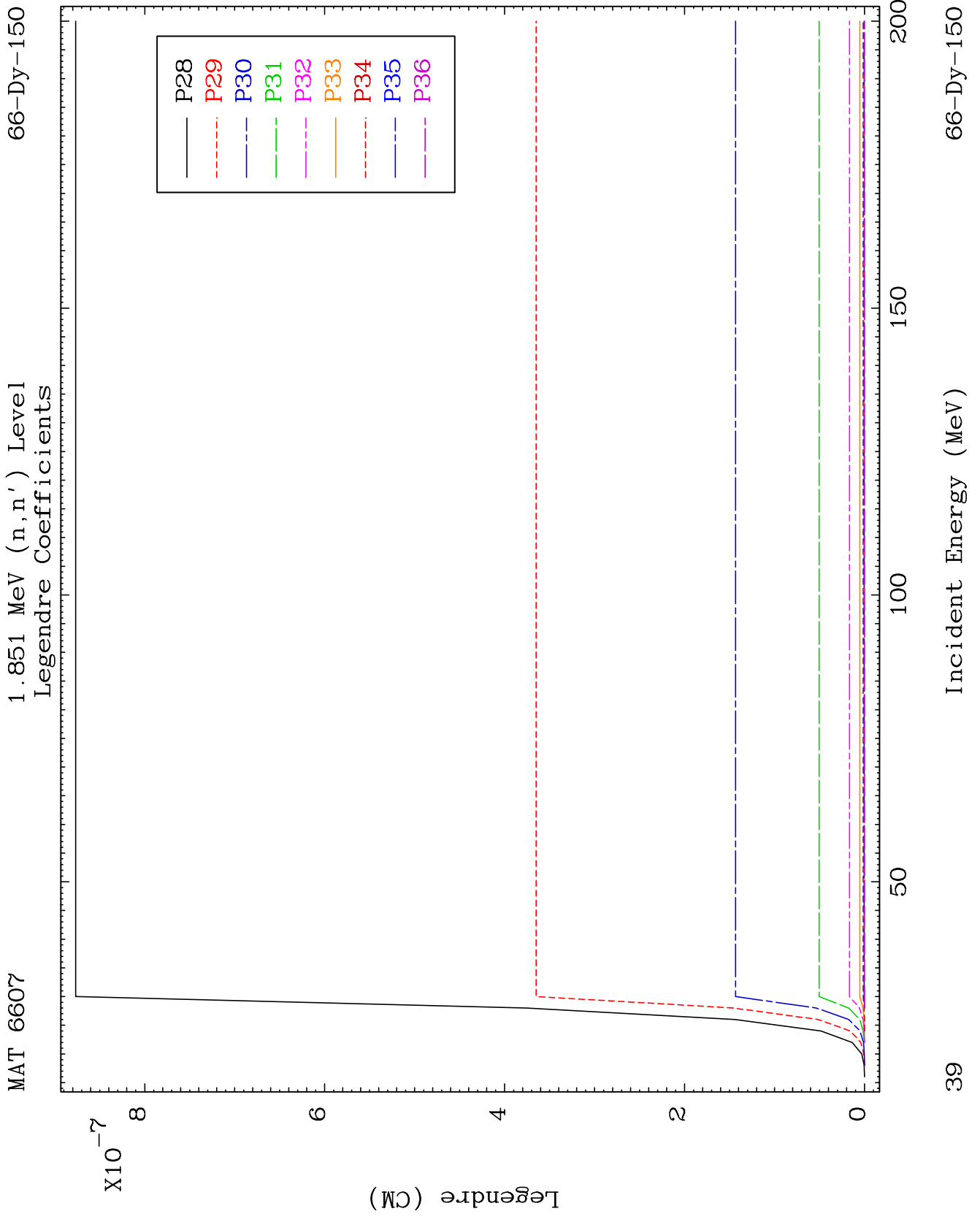


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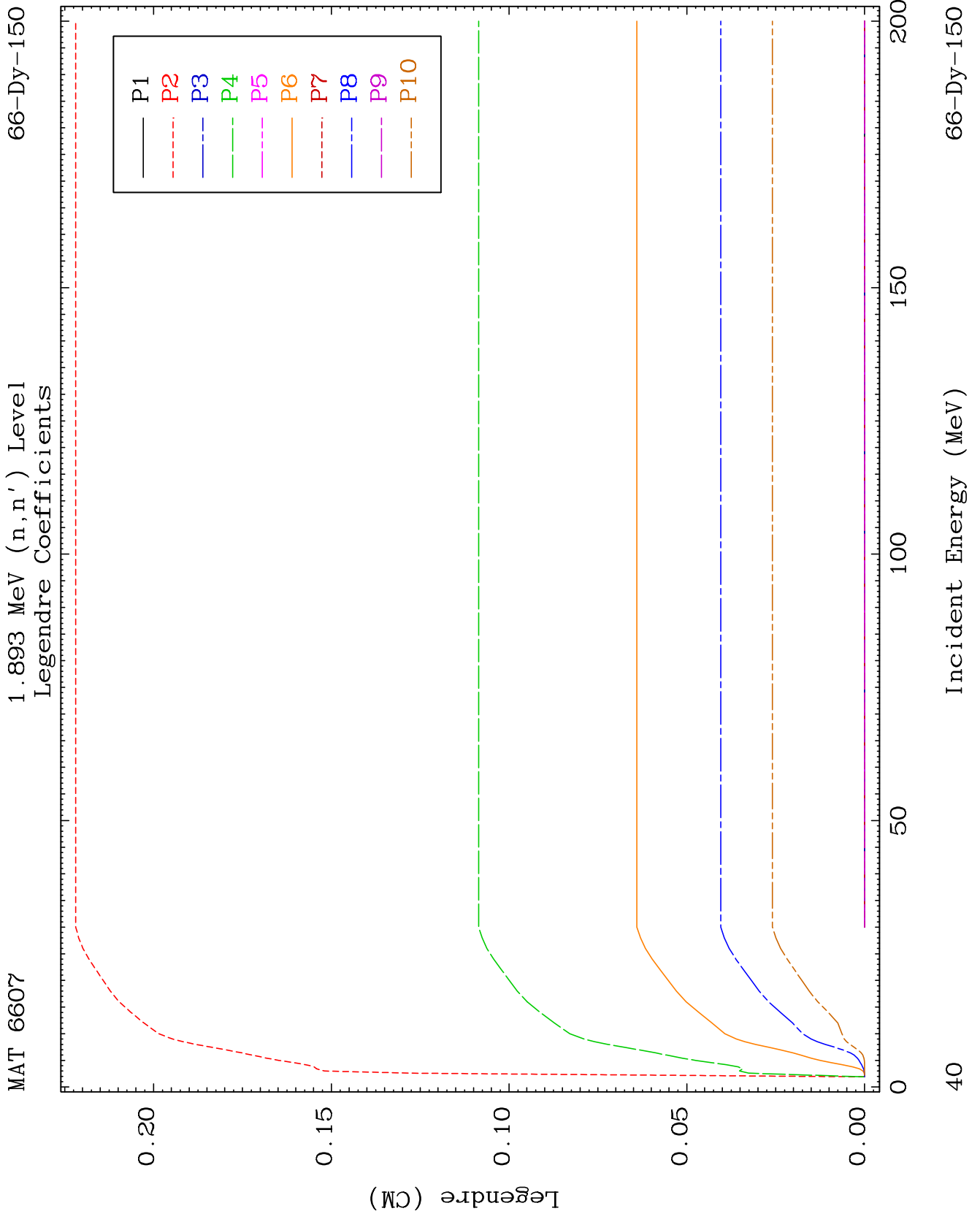
Incident Energy (MeV)

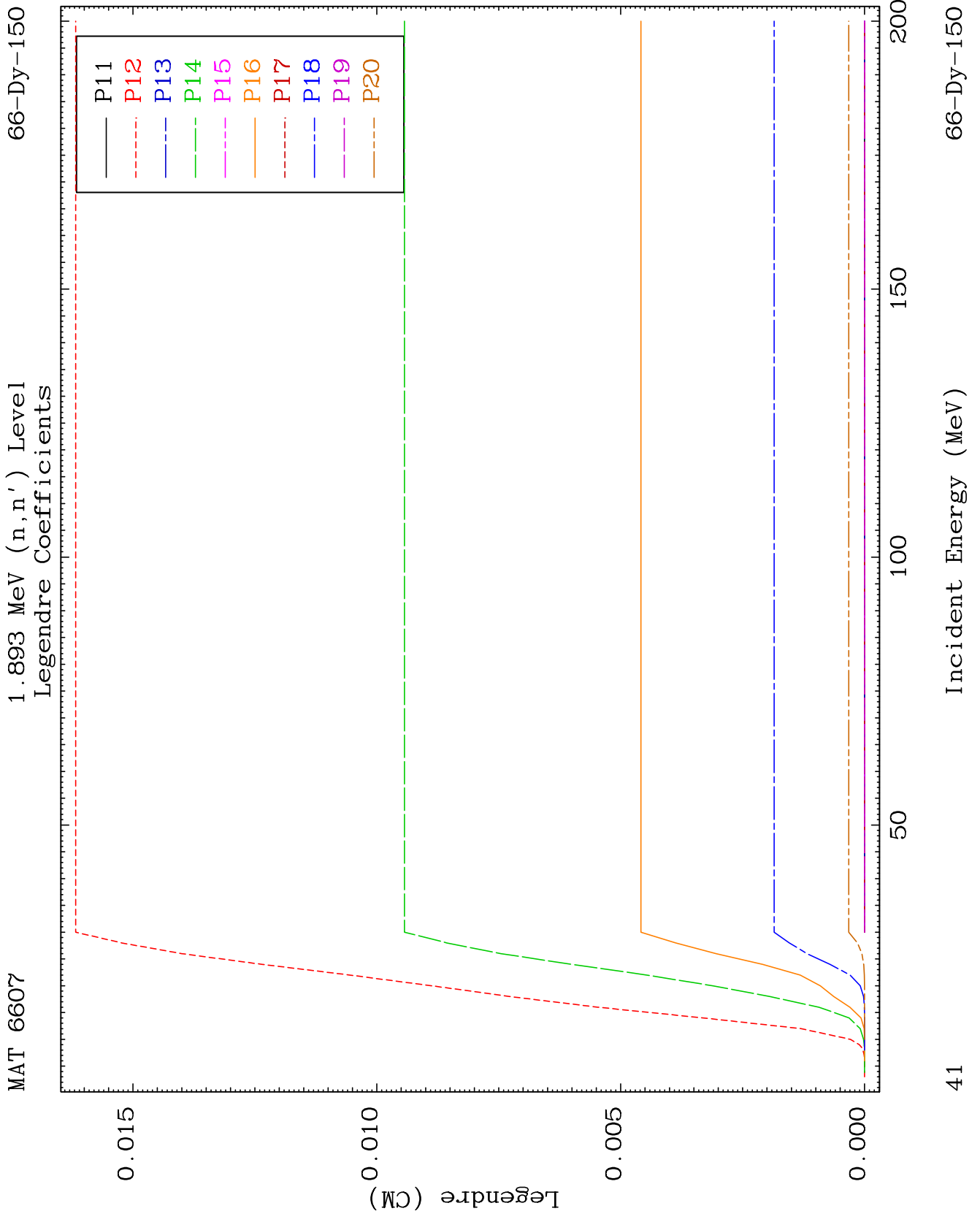
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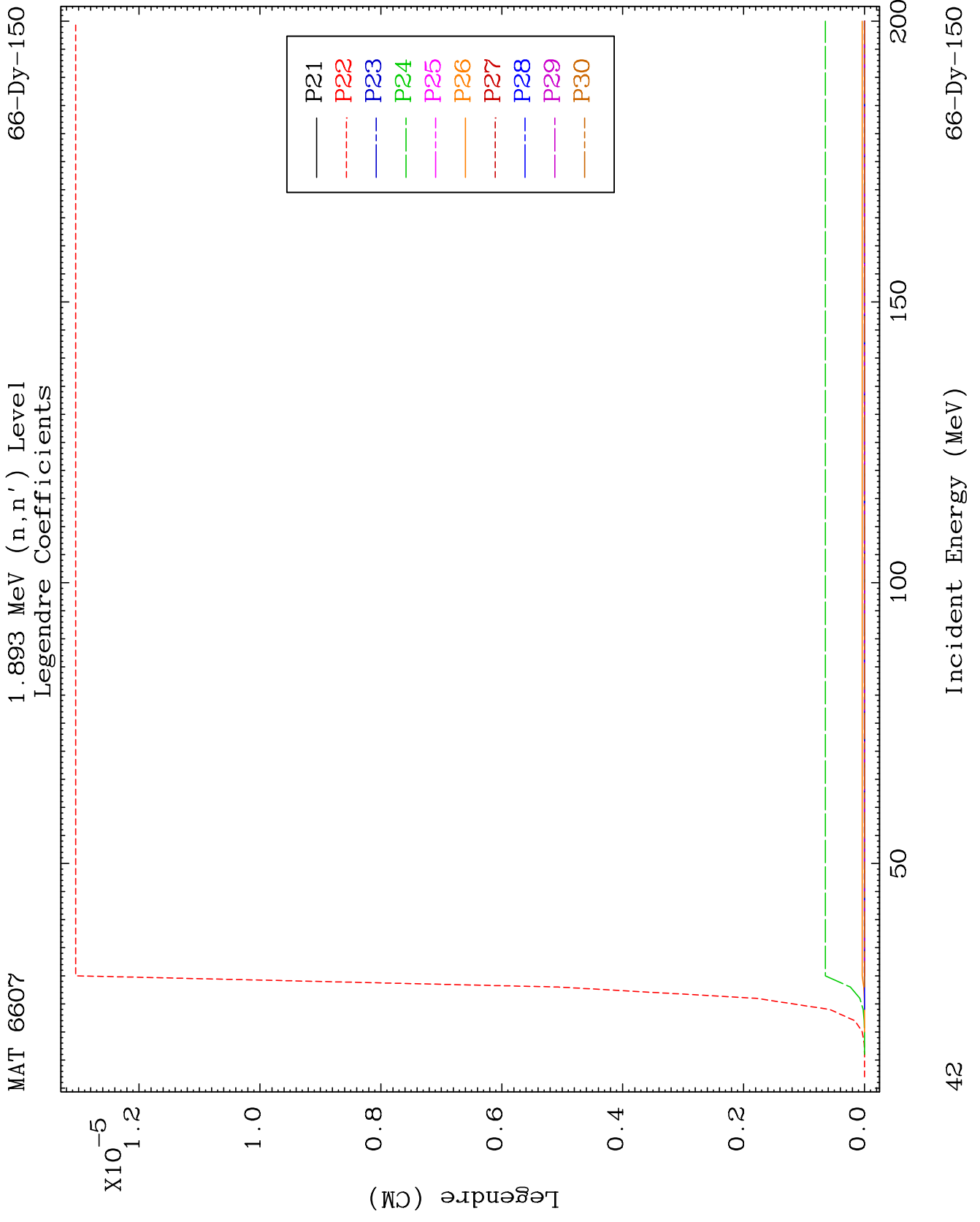


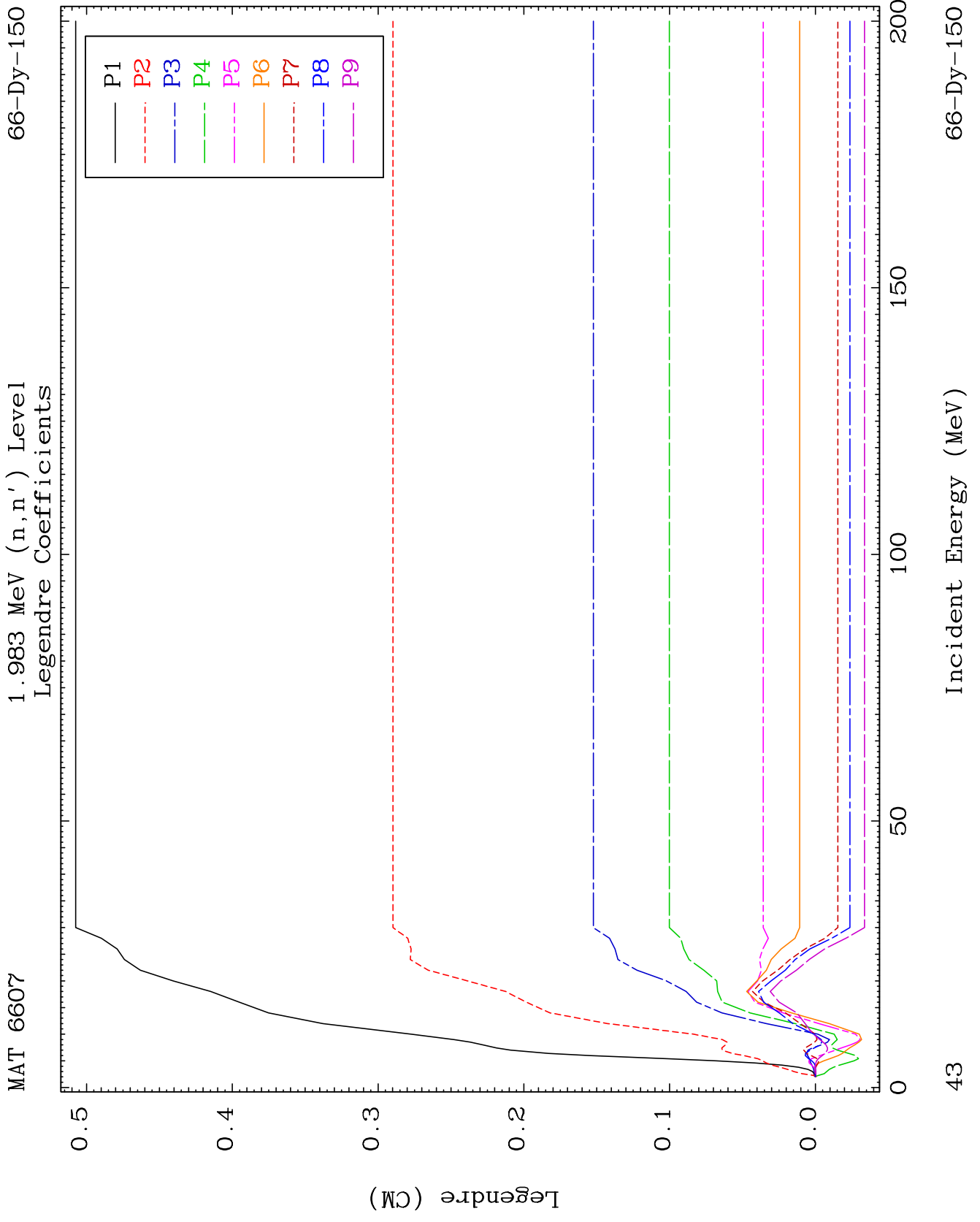


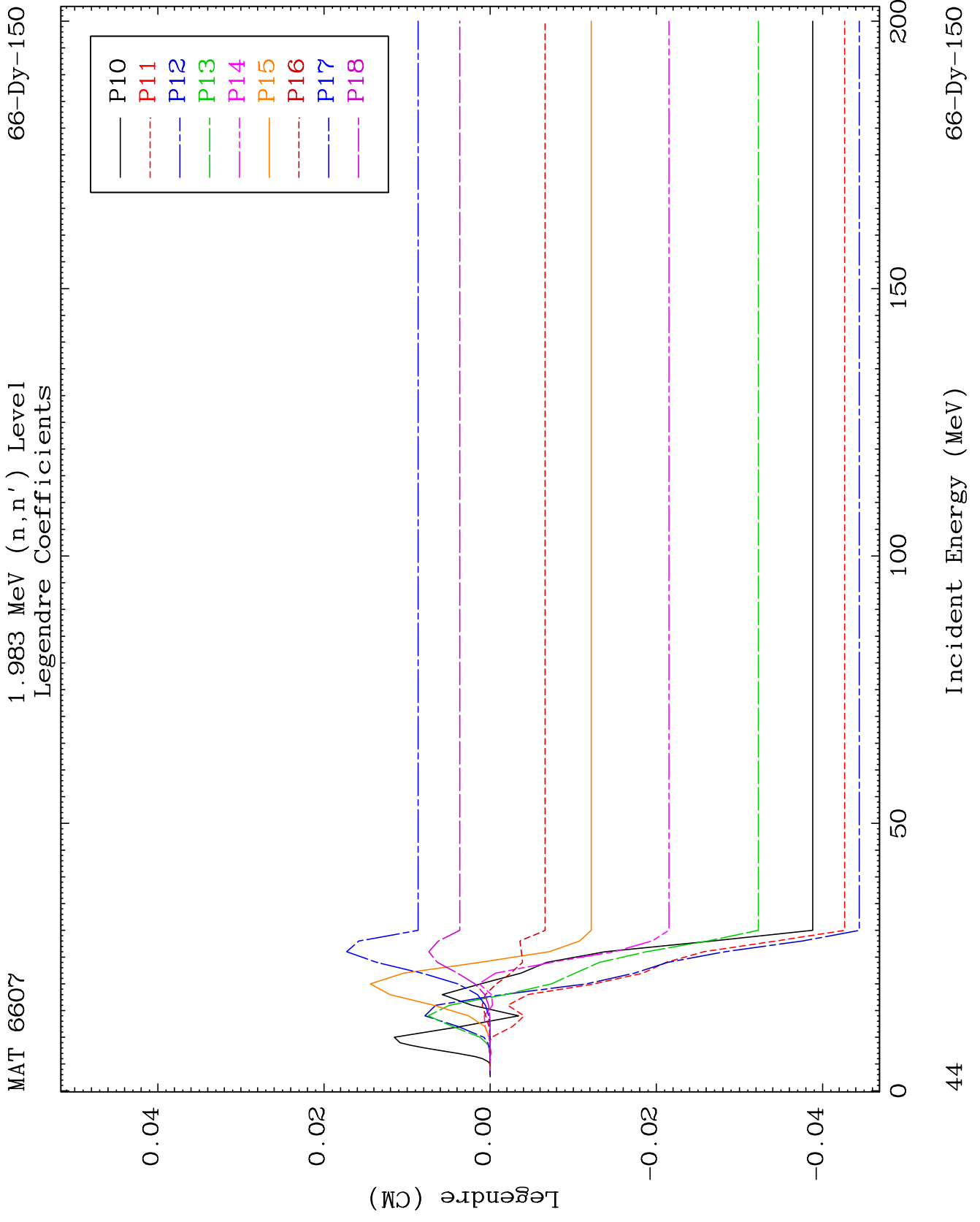








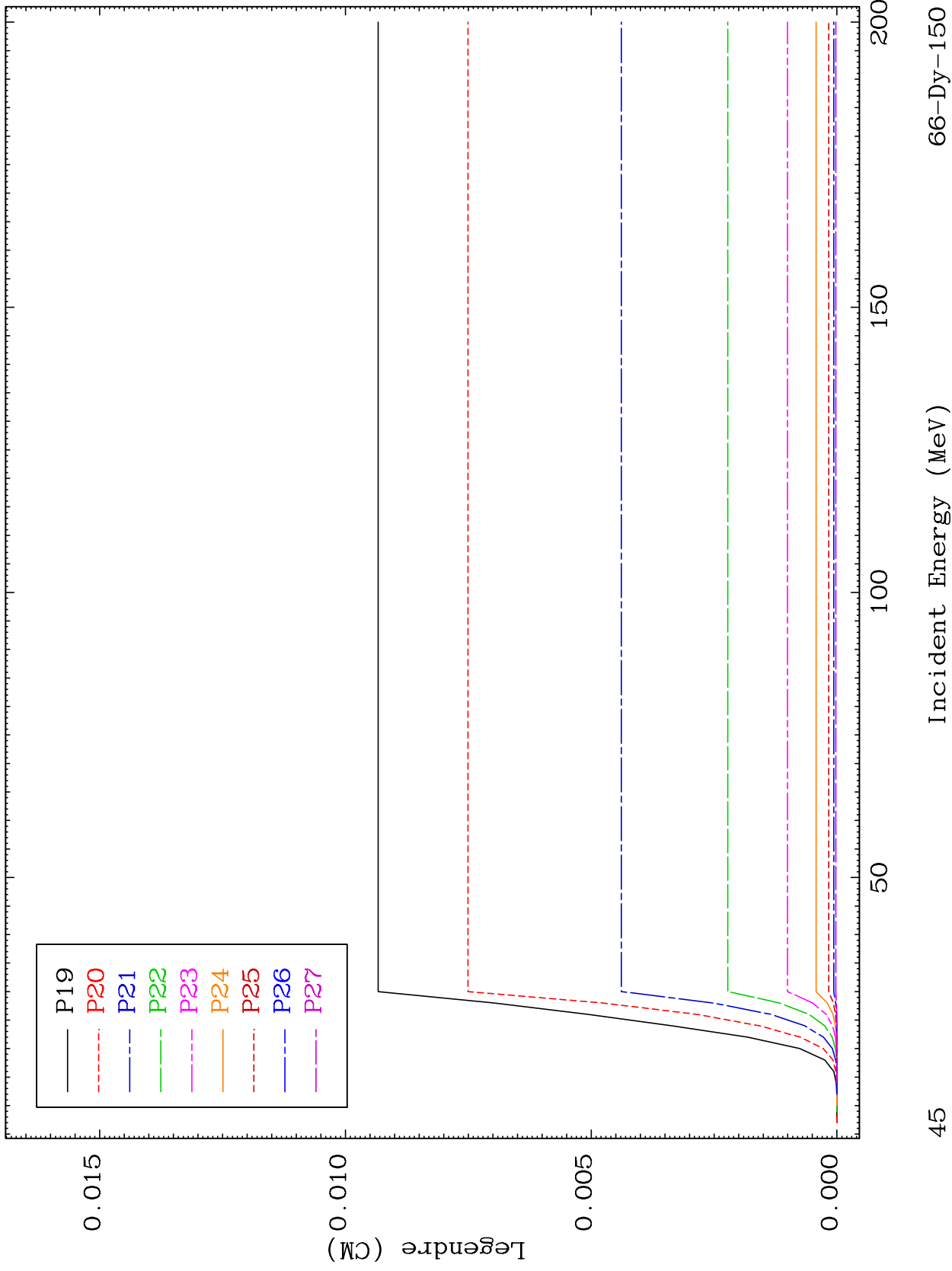




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1.983 MeV (n,n') Level  
Legendre Coefficients

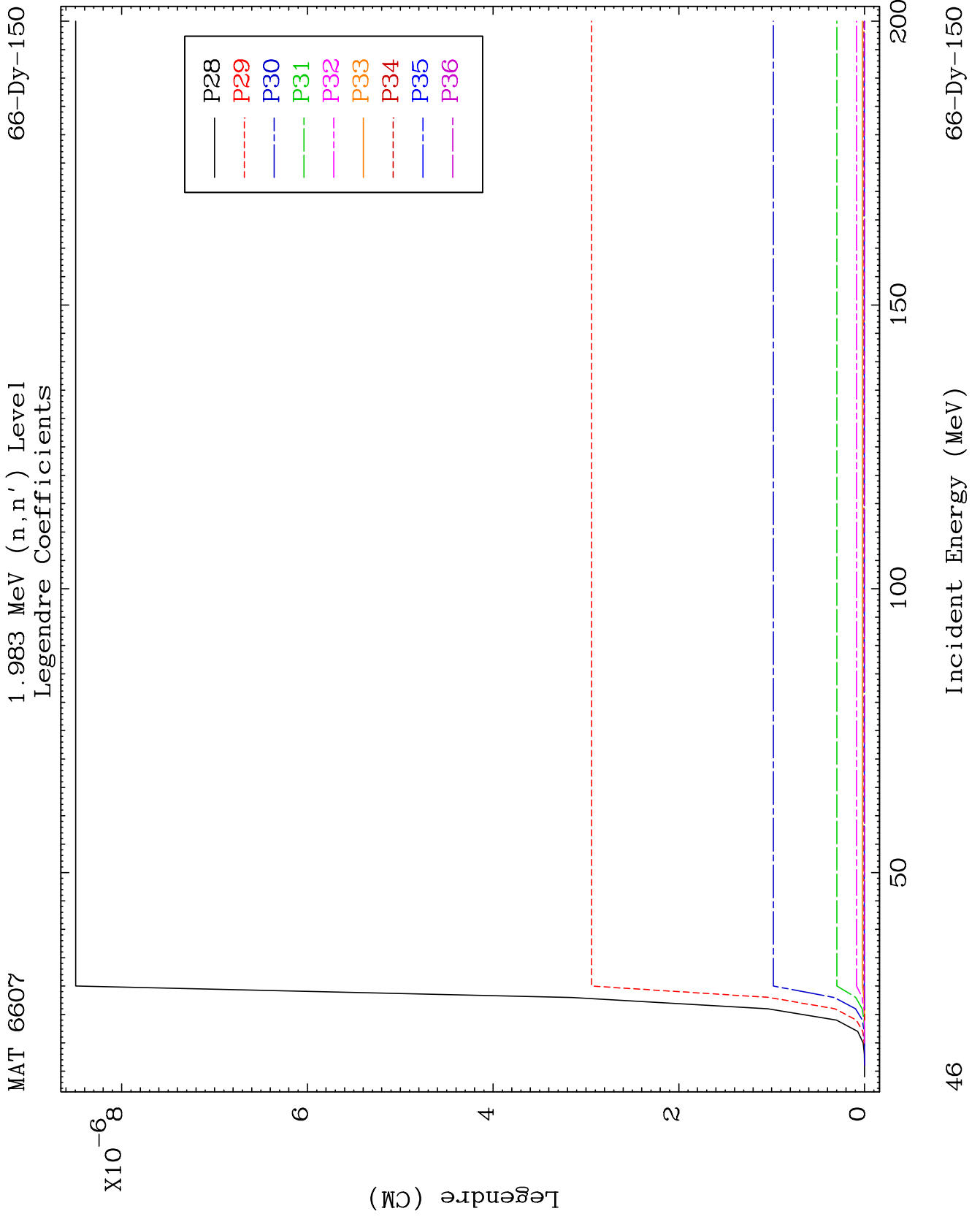
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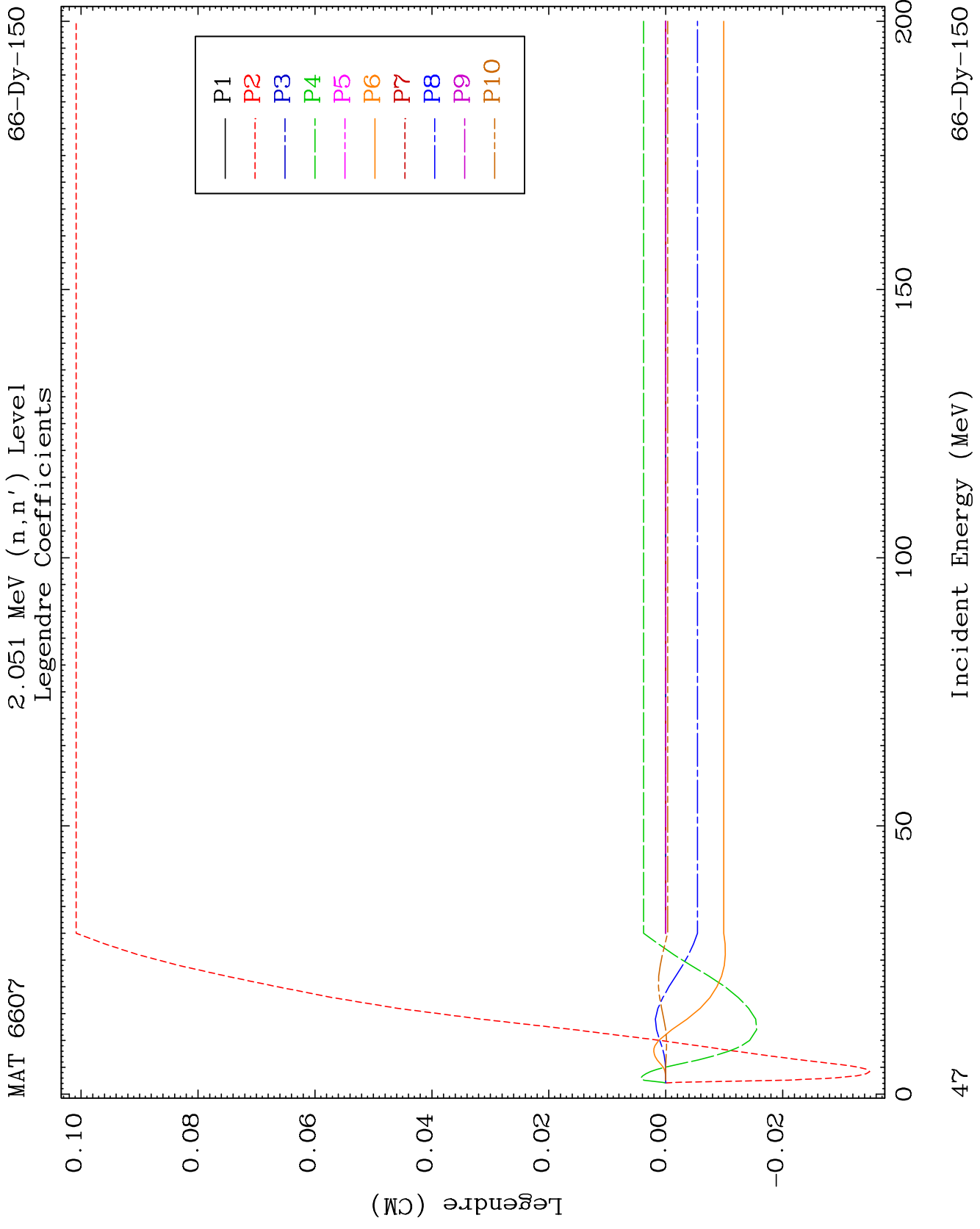


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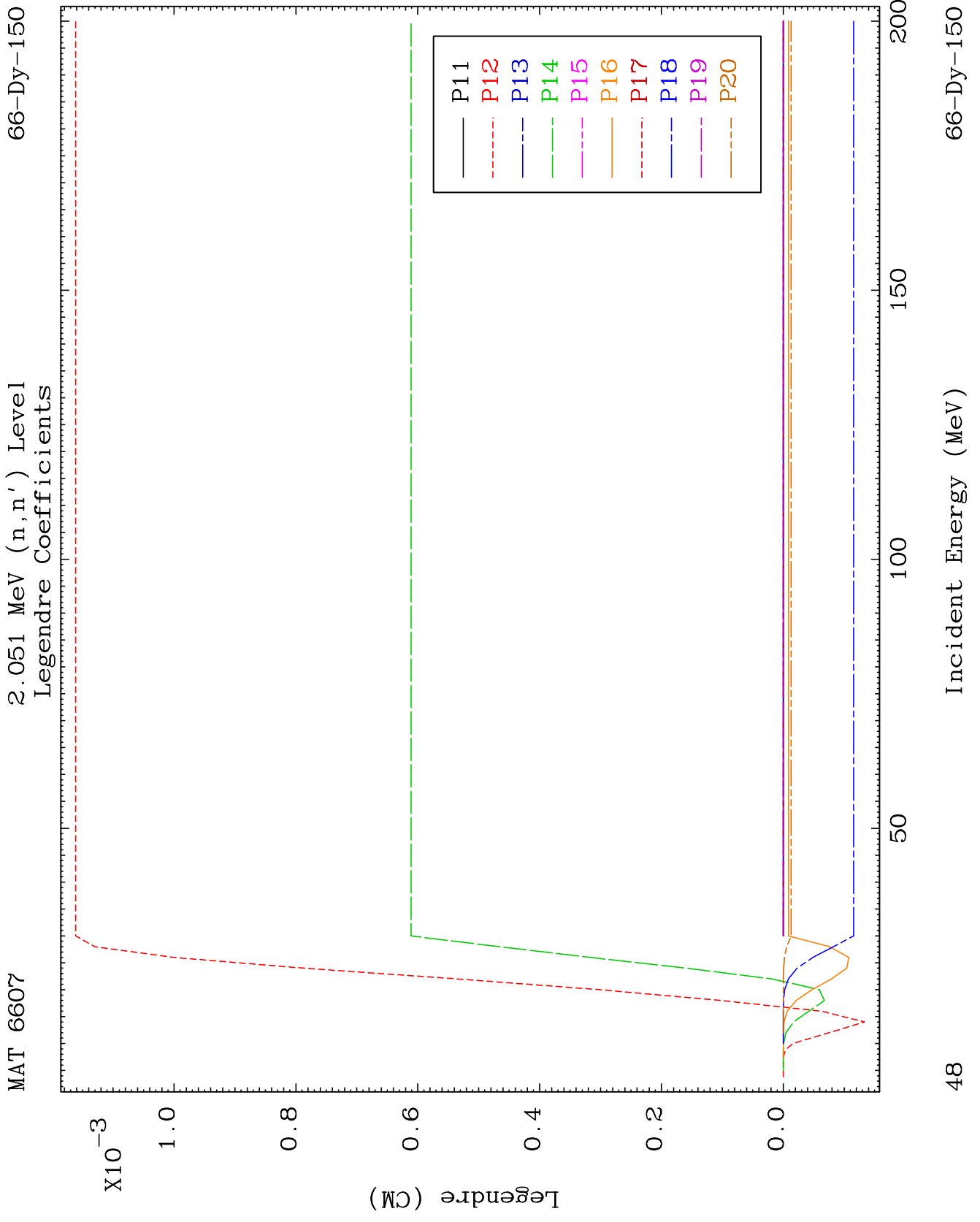
Incident Energy (MeV)

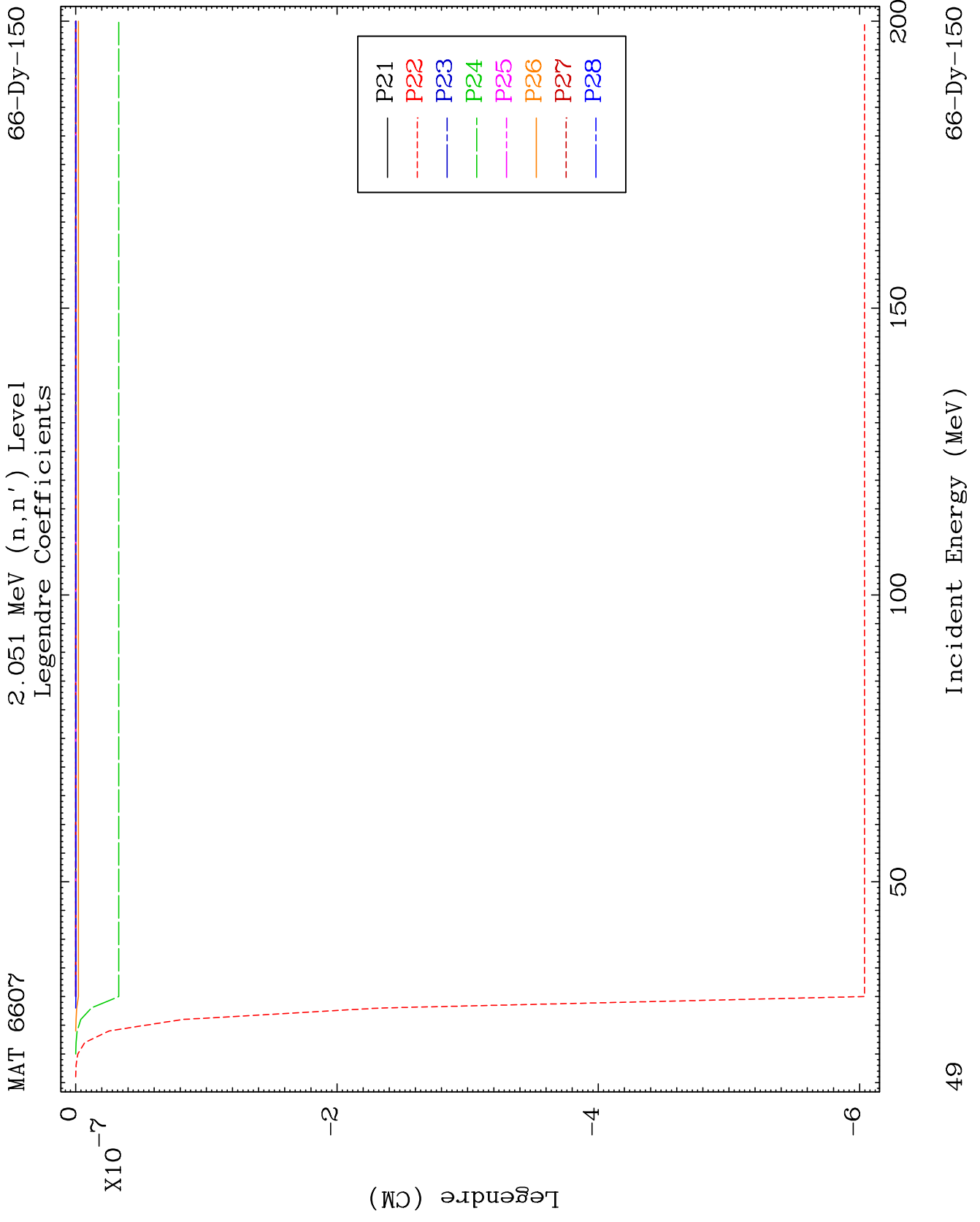
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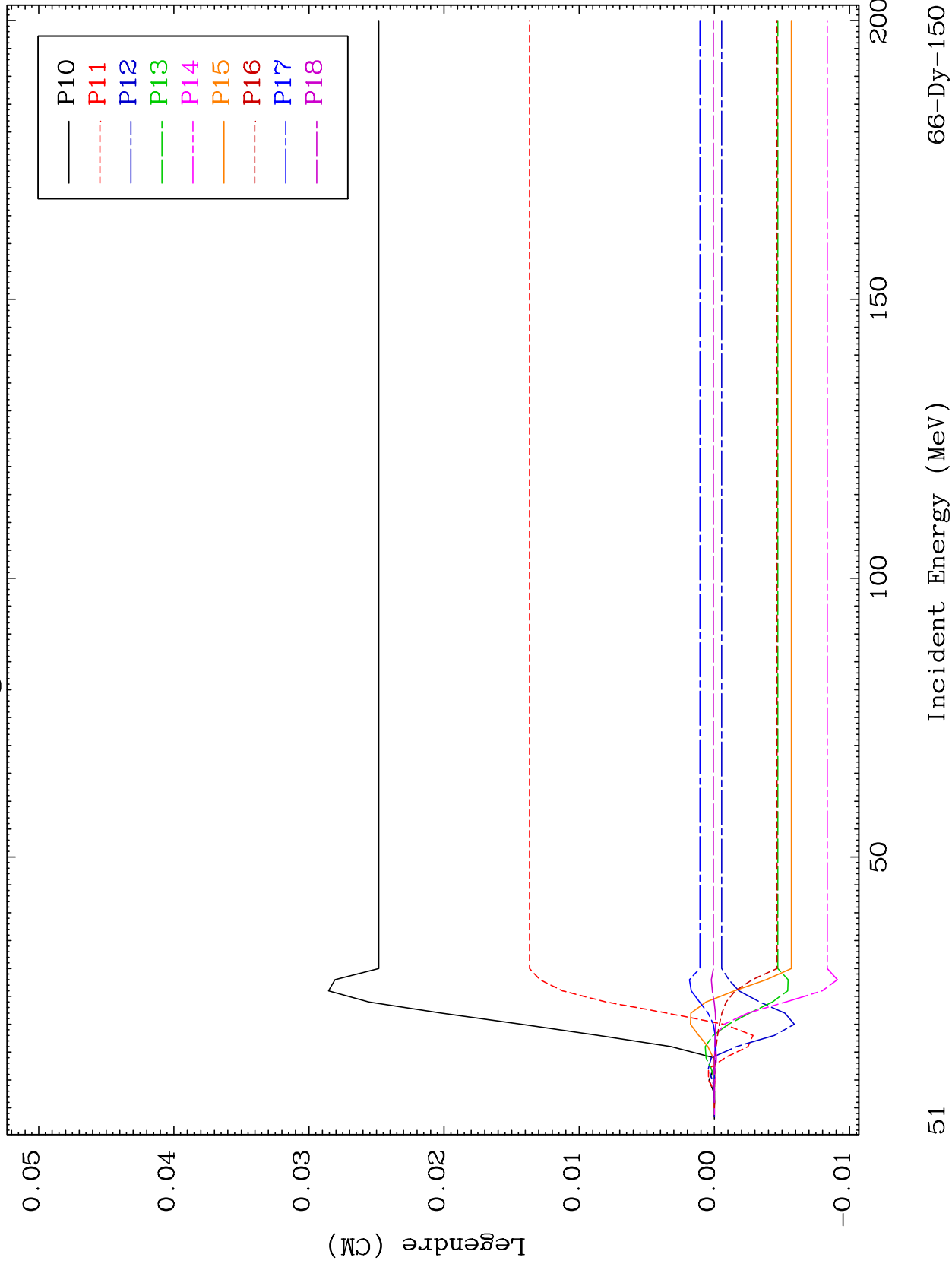


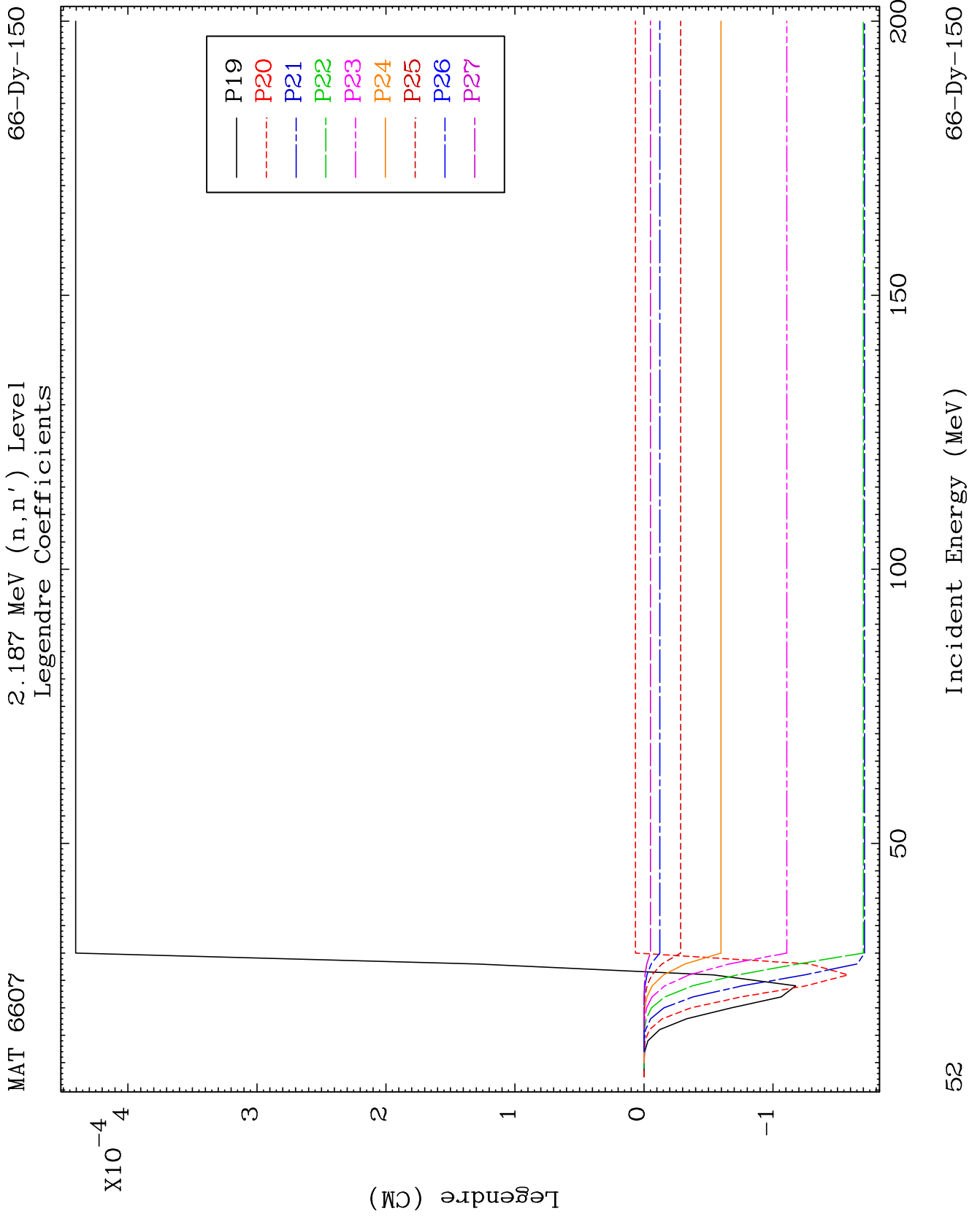


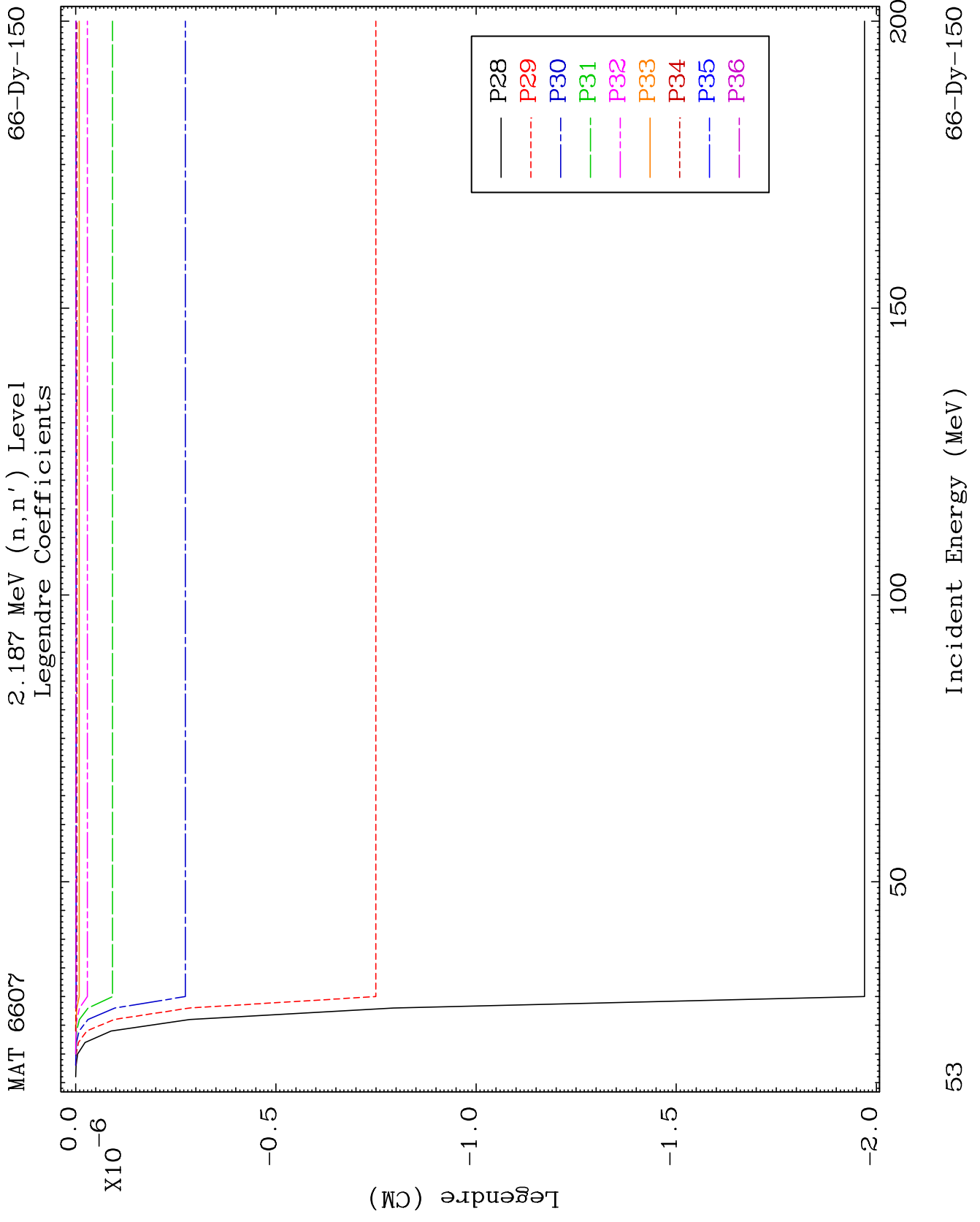
MAT 6607

2.187 MeV (n,n') Level  
Legendre Coefficients

66-Dy-150



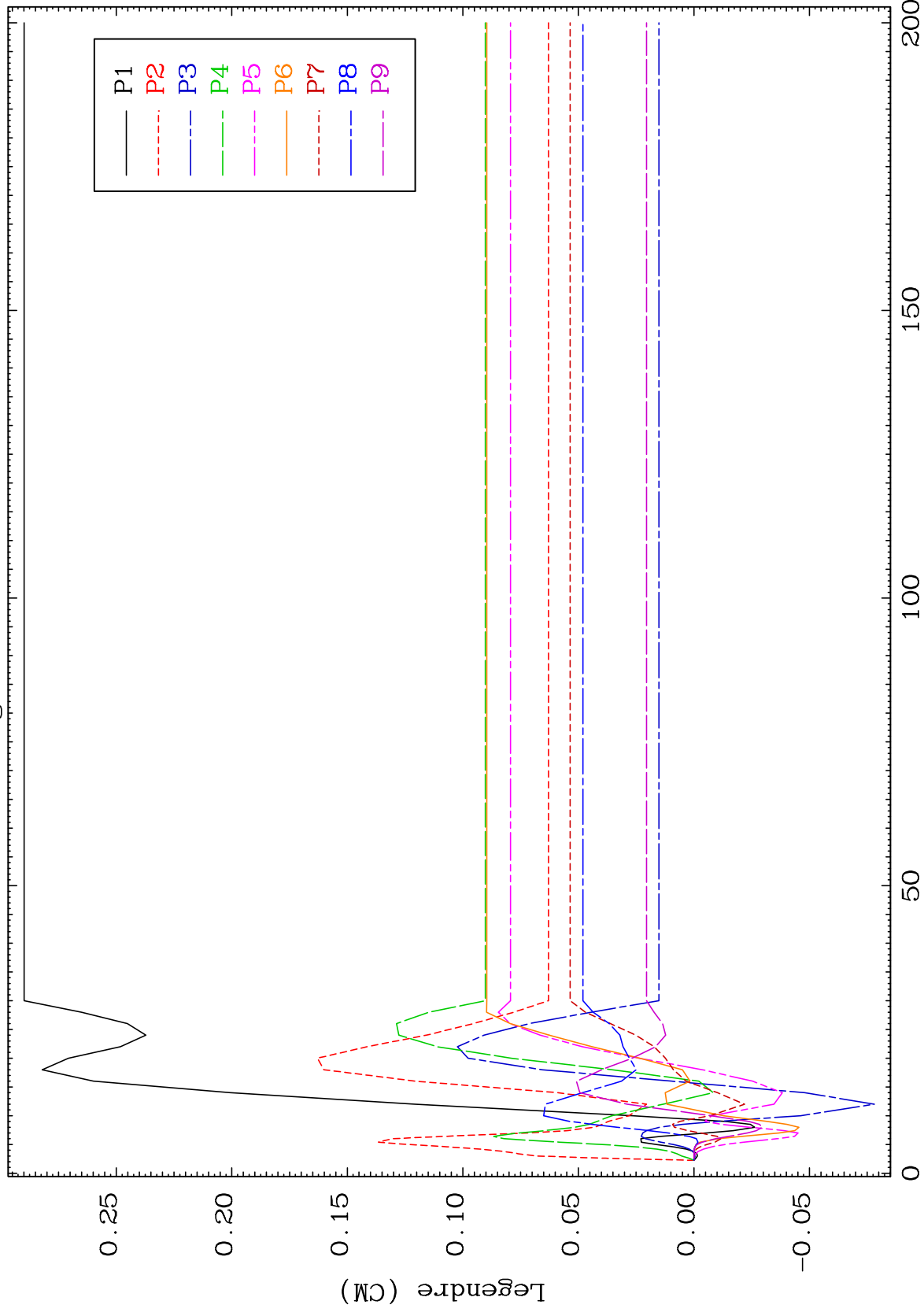




MAT 6607

2.226 MeV (n, n') Level  
Legendre Coefficients

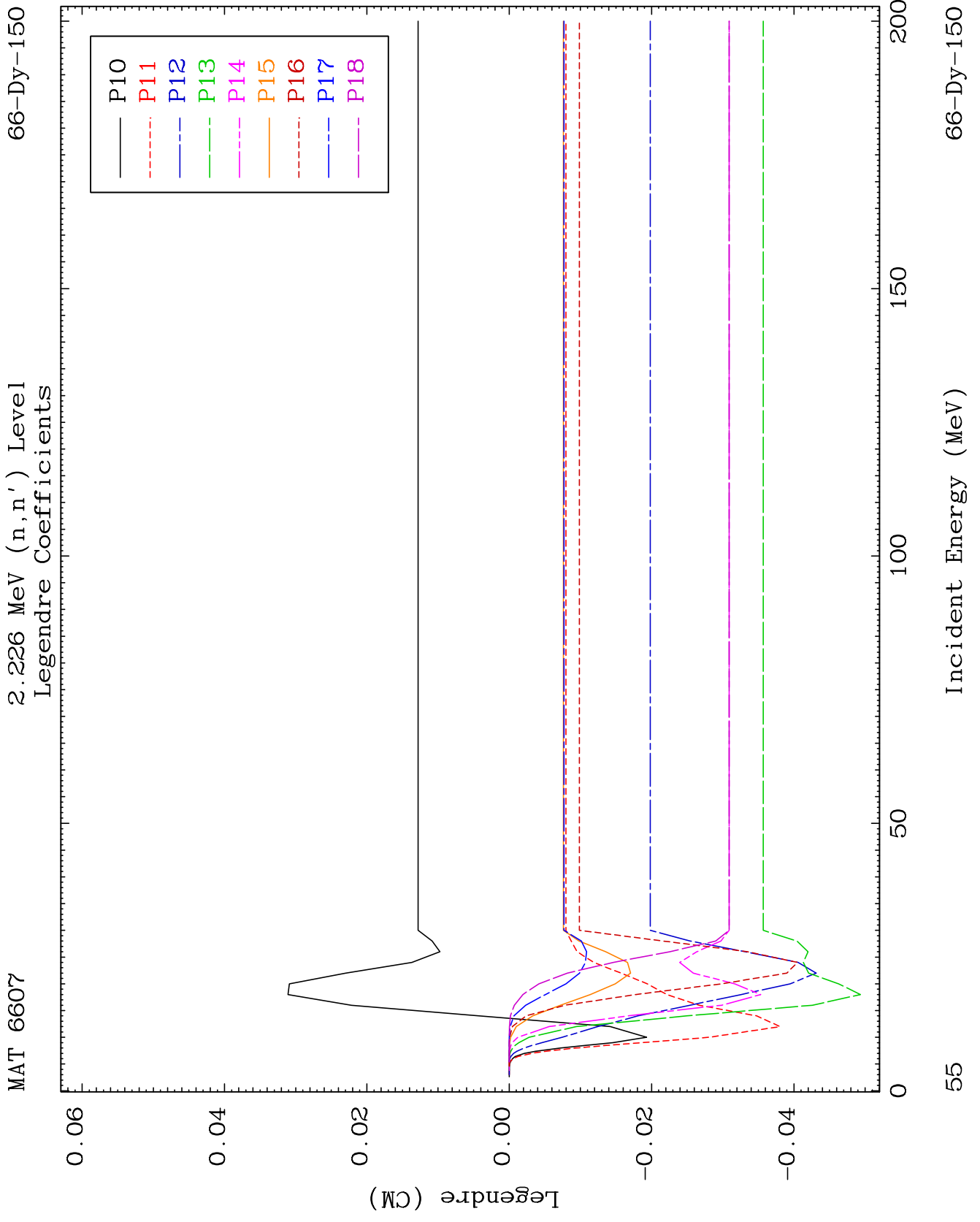
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54

Incident Energy (MeV)

66-Dy-150

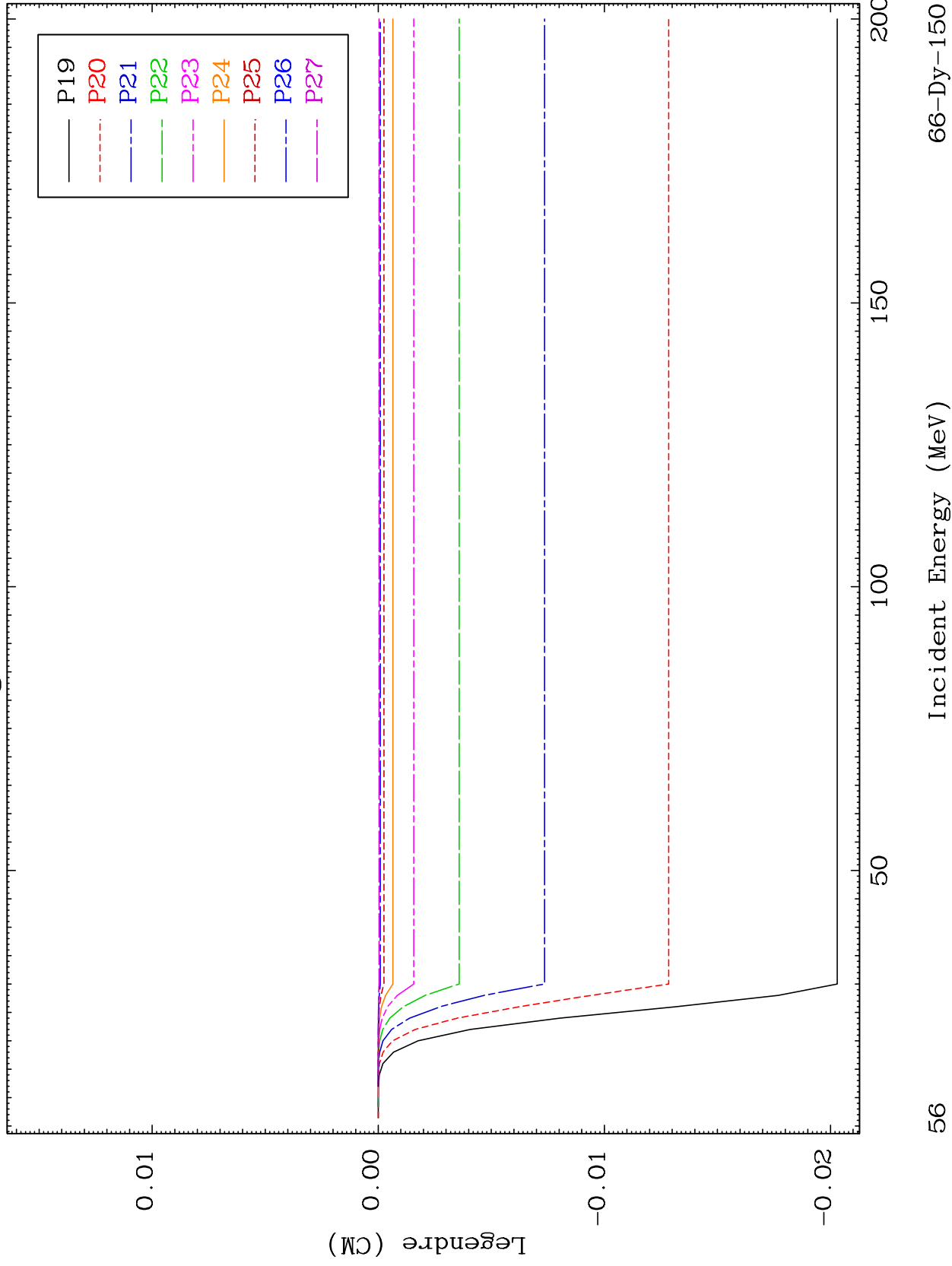




MAT 6607

2.226 MeV (n,n') Level  
Legendre Coefficients

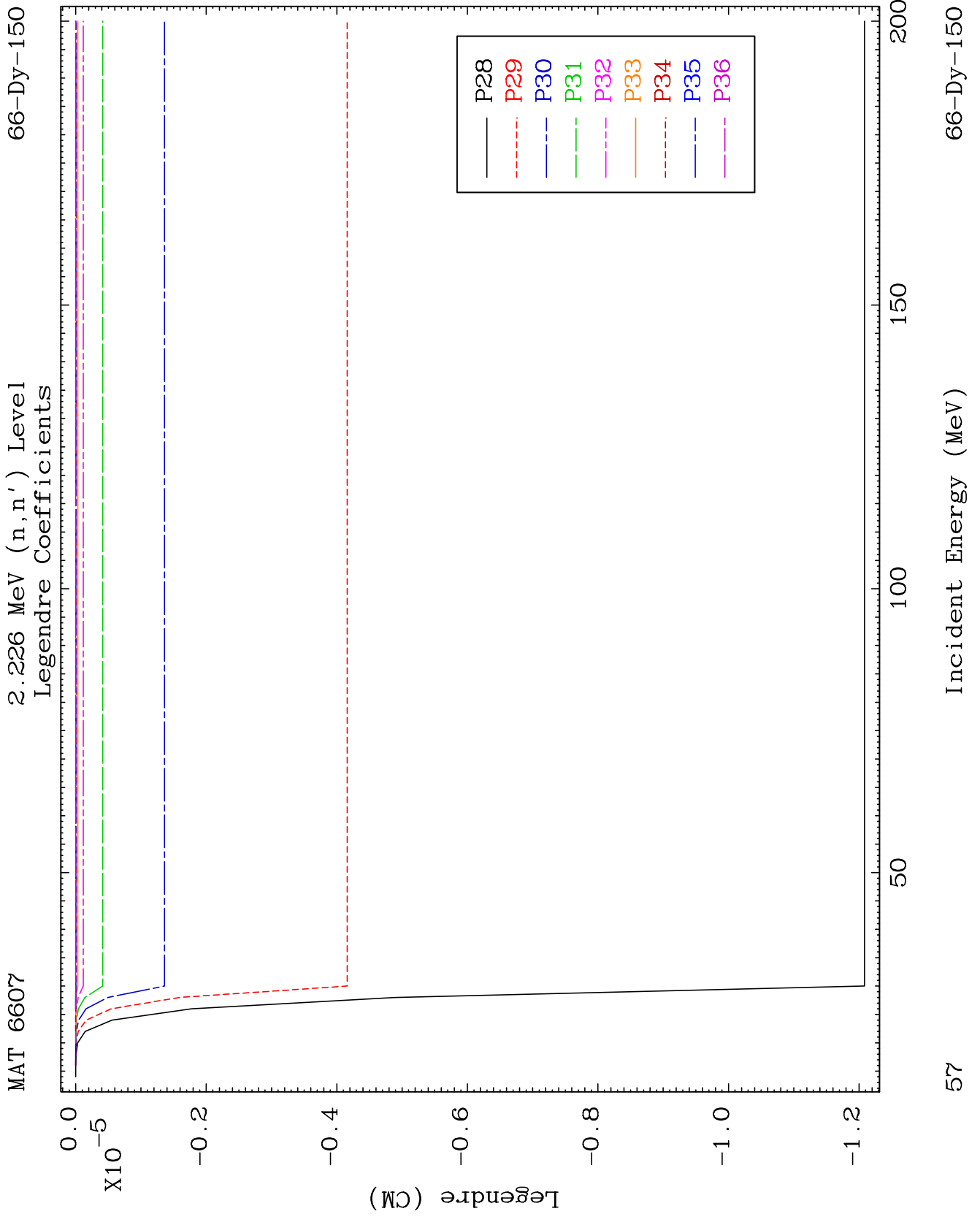
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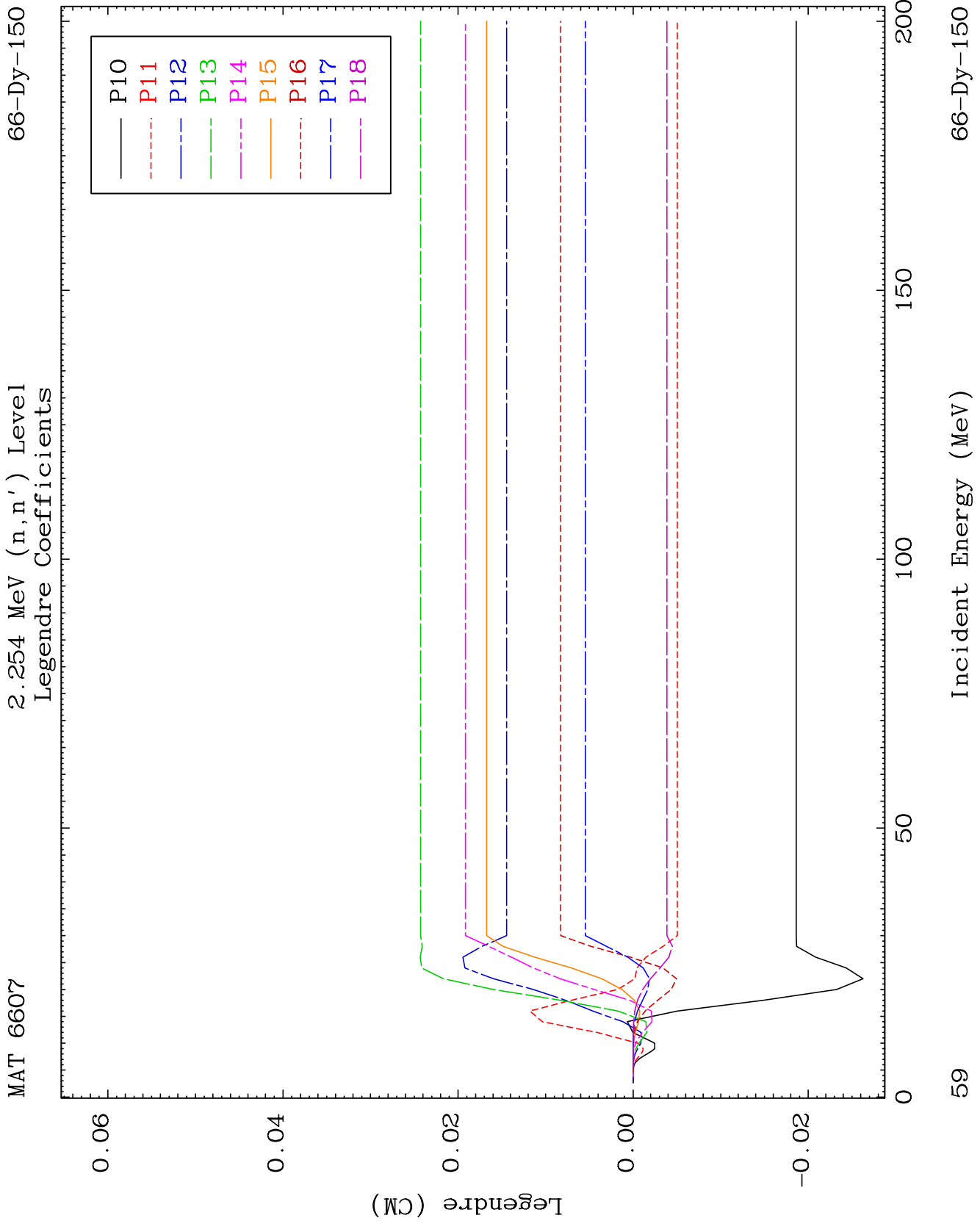
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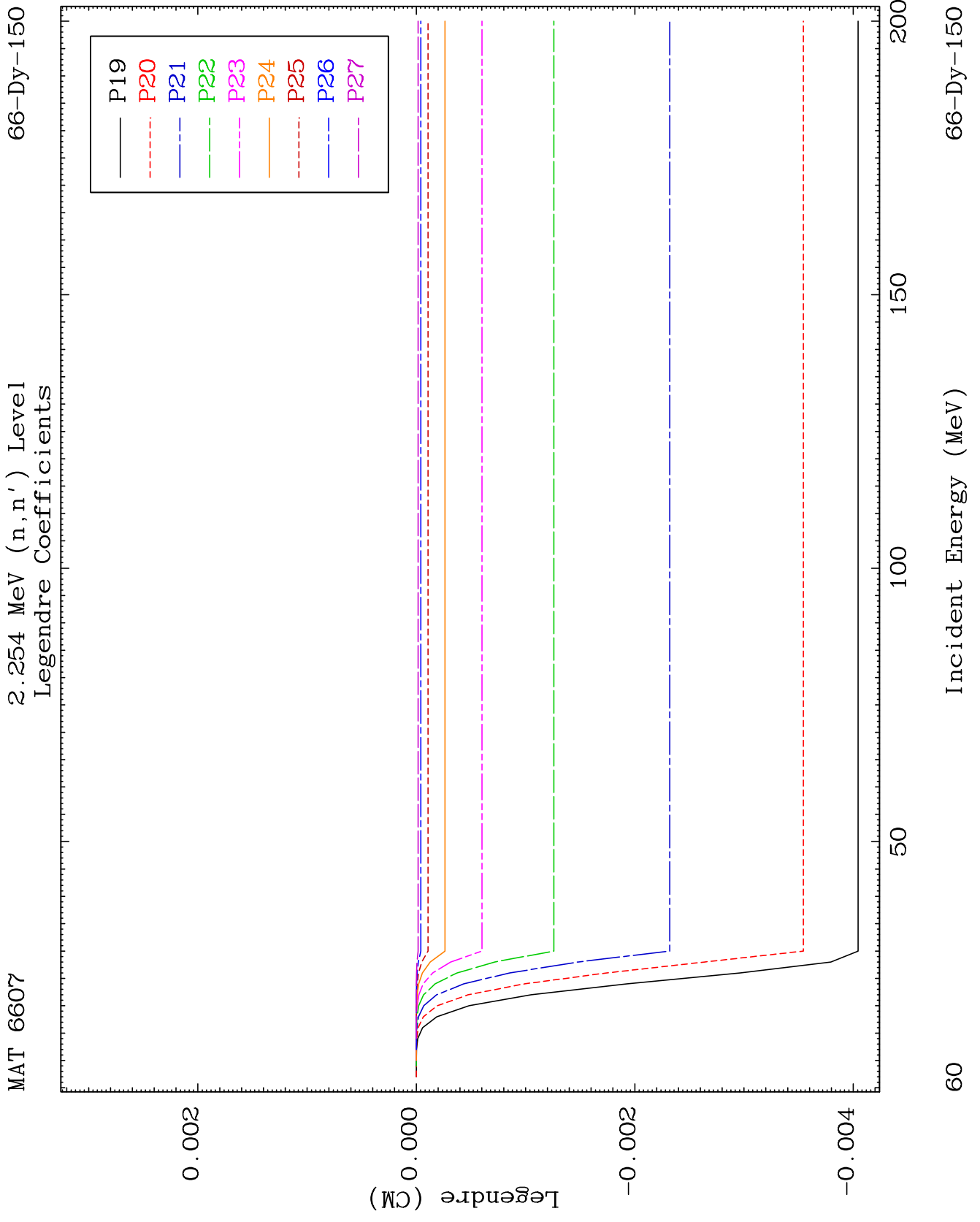
Incident Energy (MeV)

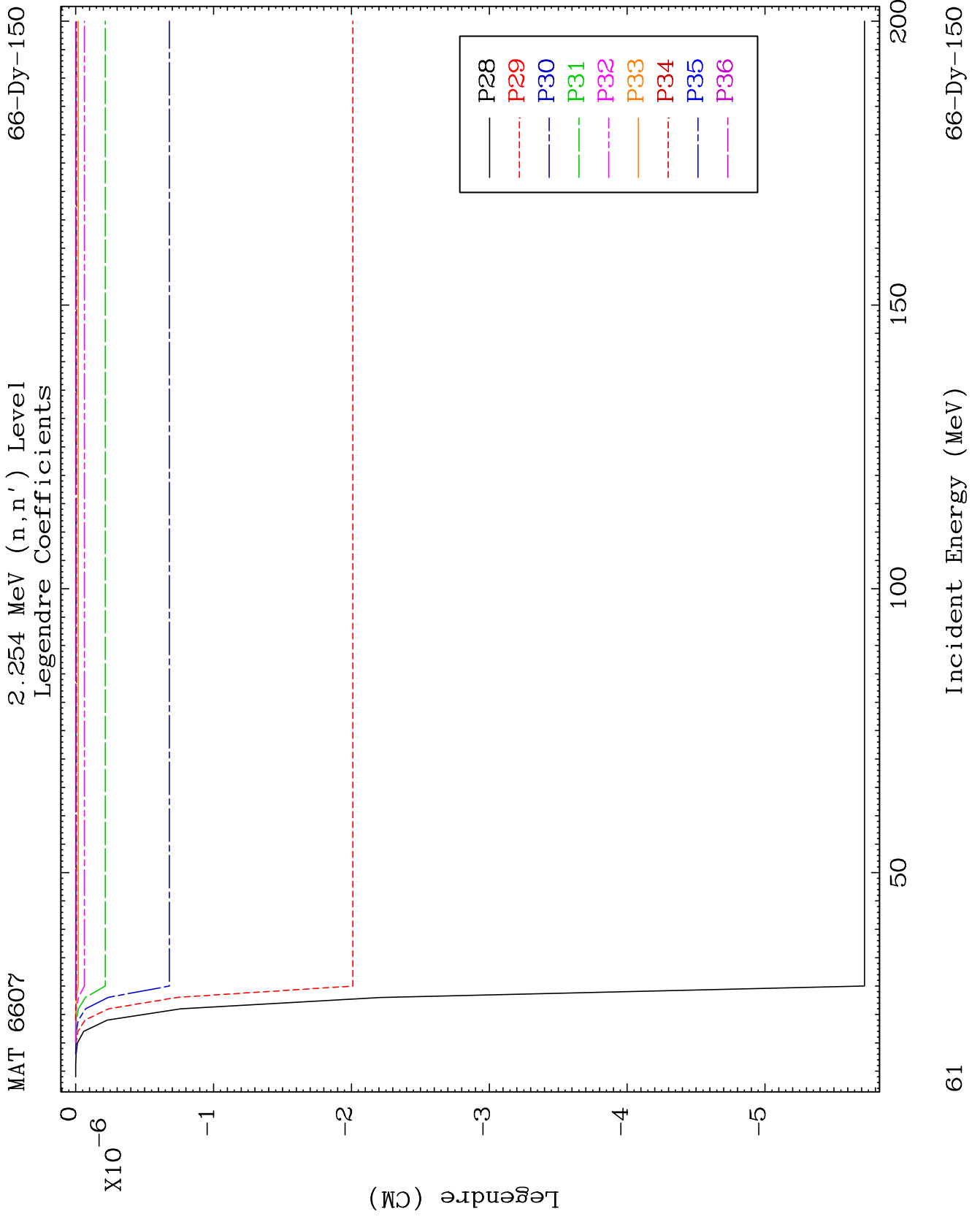
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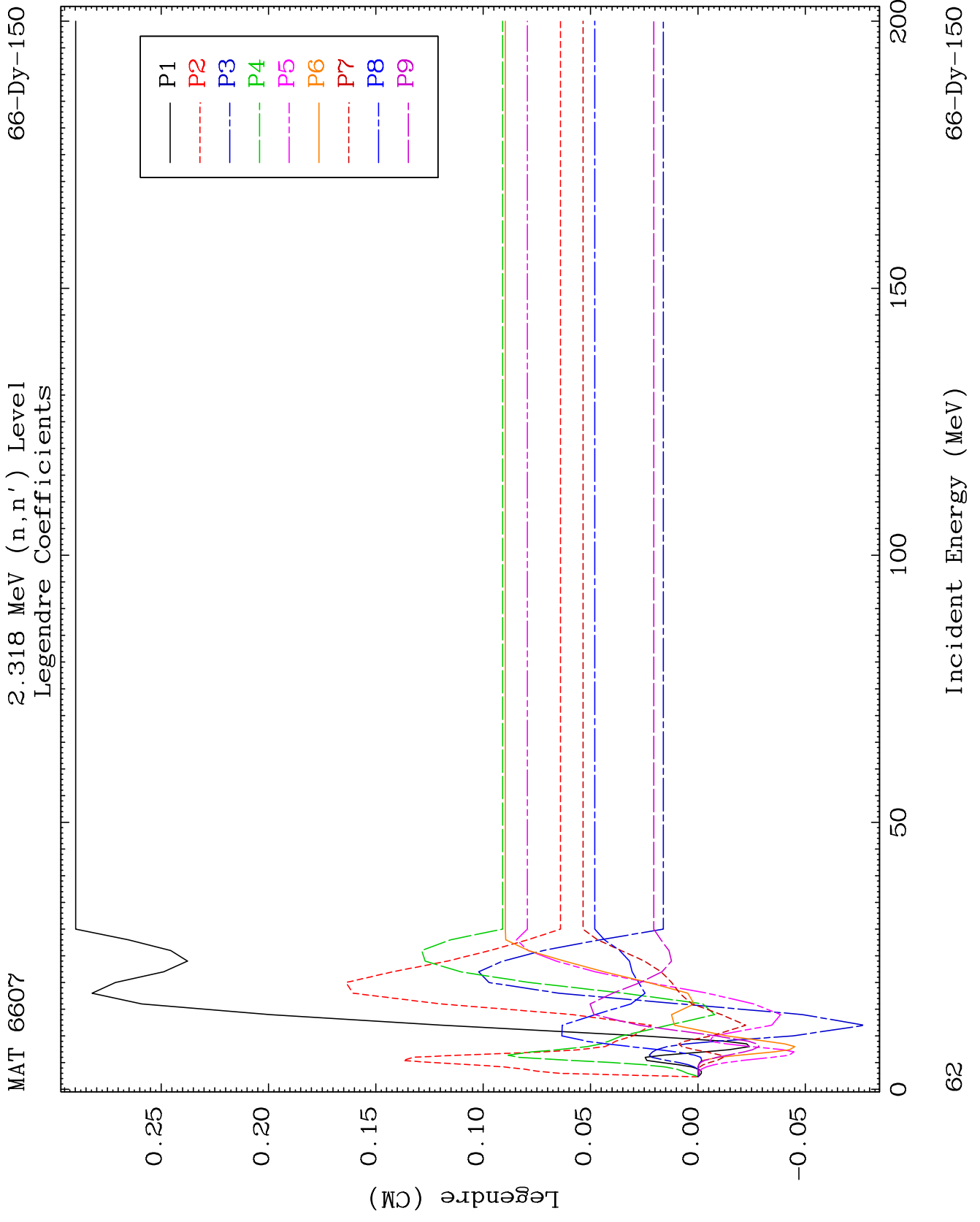




















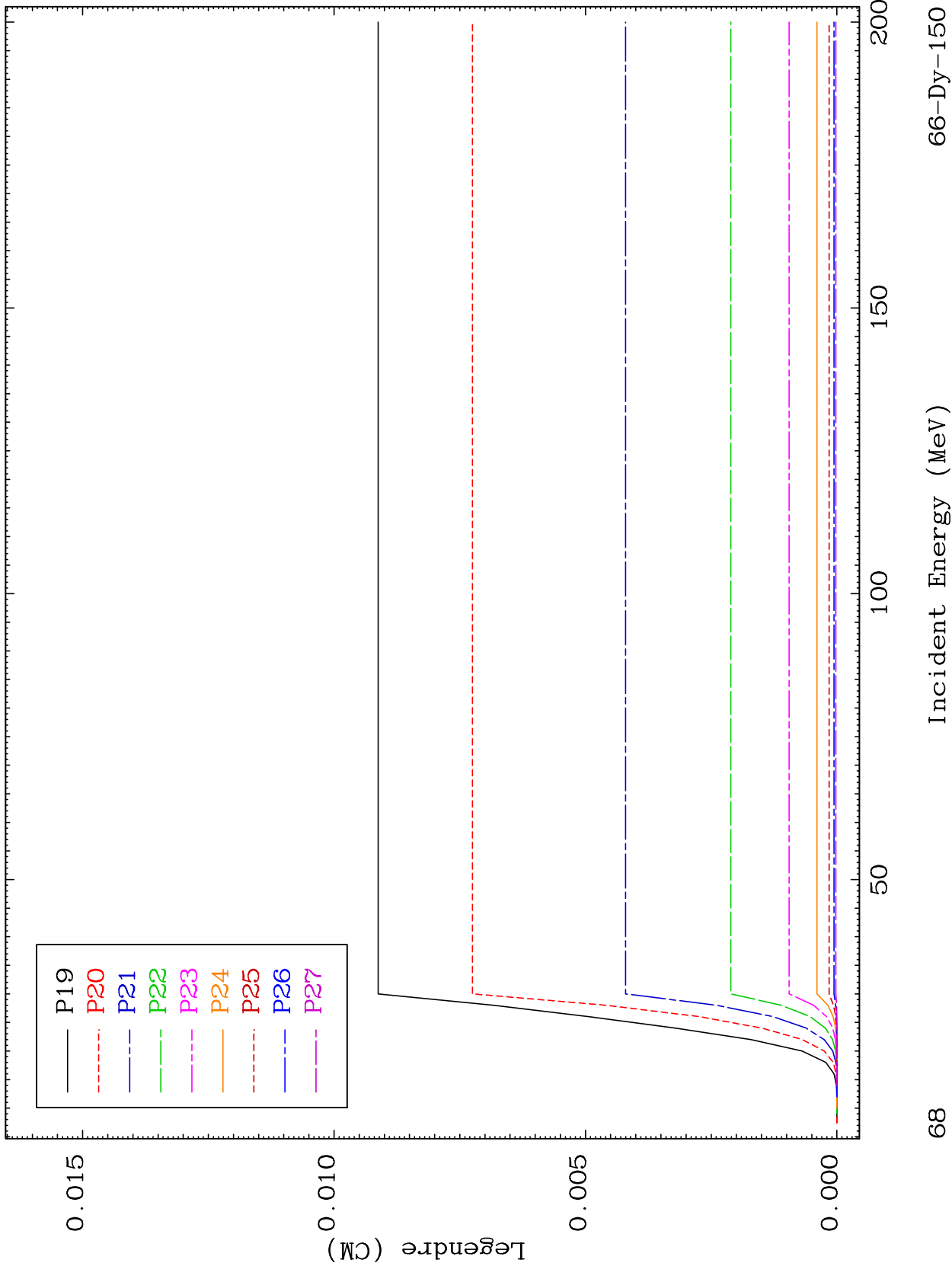




MAT 6607

2.322 MeV (n, n') Level  
Legendre Coefficients

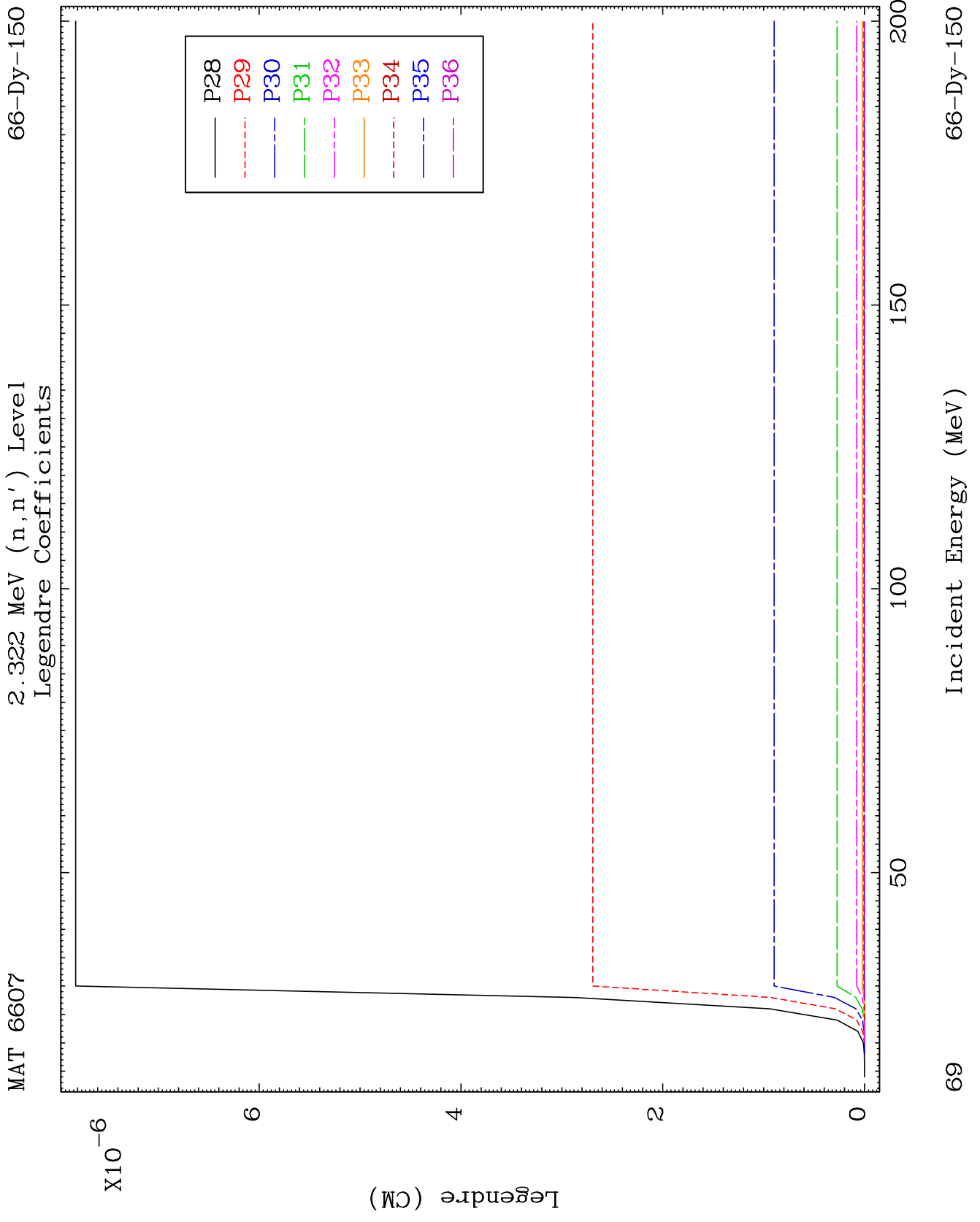
66-Dy-150



68

Incident Energy (MeV)

66-Dy-150

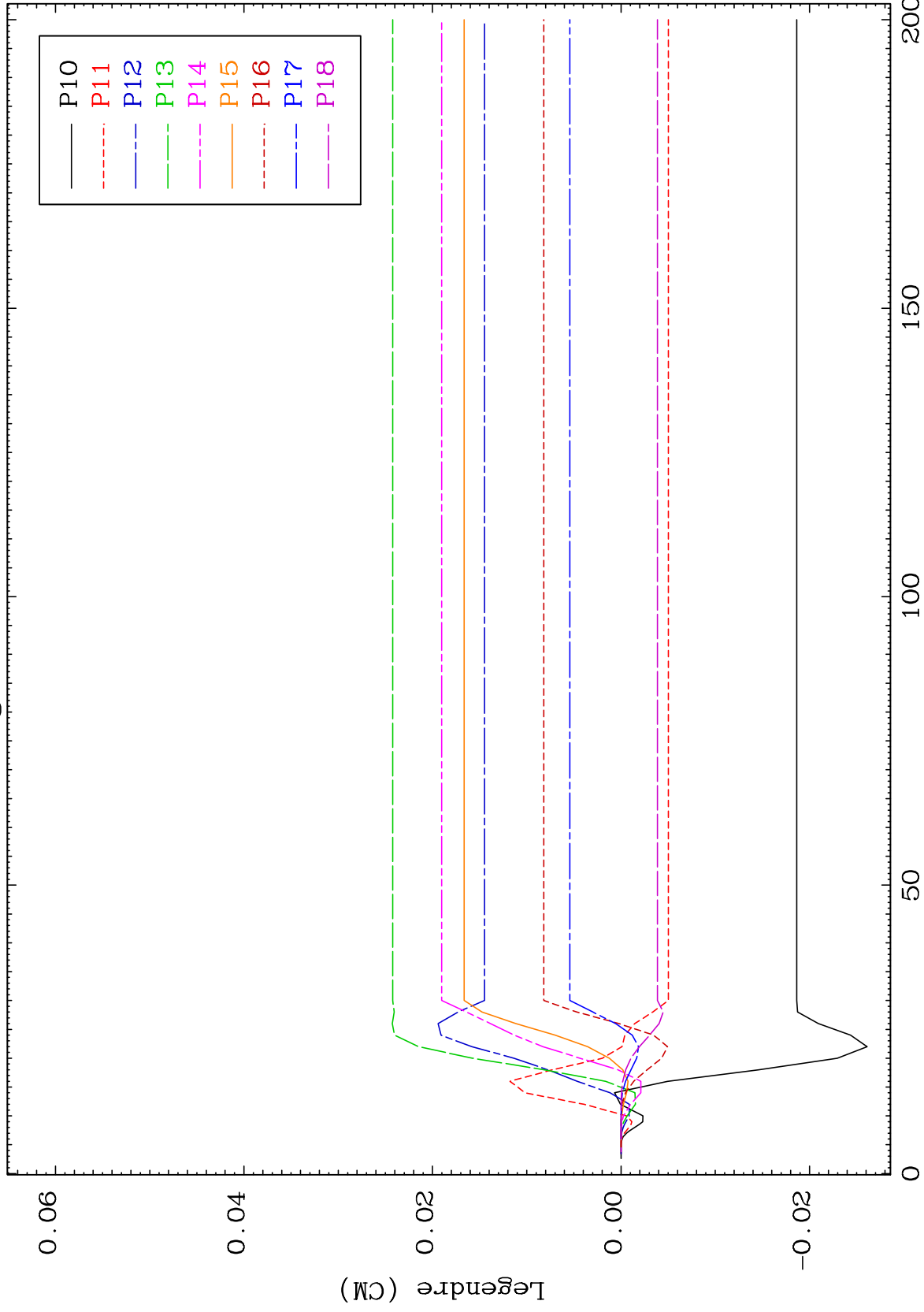




MAT 6607

2.331 MeV (n,n') Level  
Legendre Coefficients

66-Dy-150



71

Incident Energy (MeV)

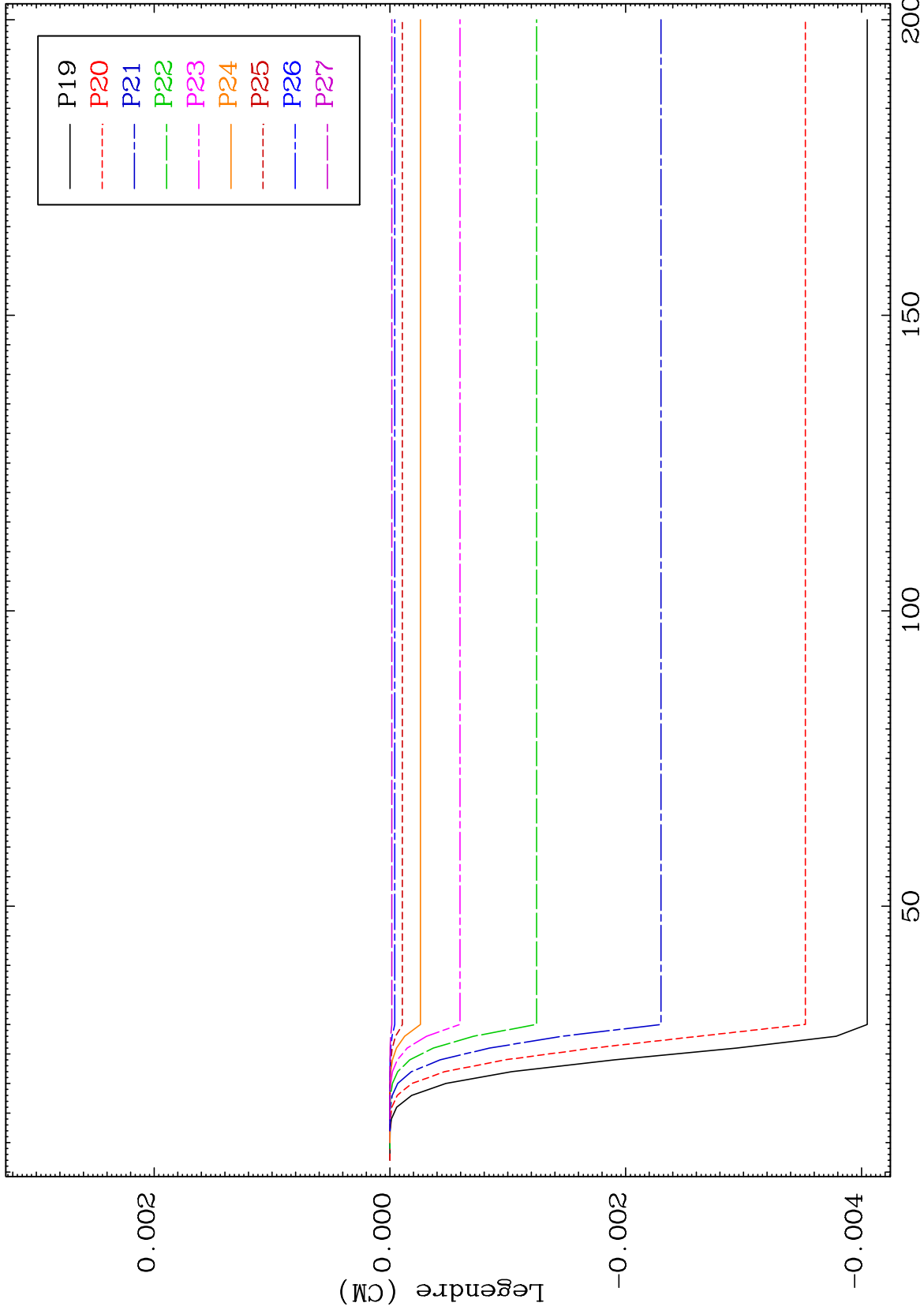
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MAT 6607

2.331 MeV (n,n') Level  
Legendre Coefficients

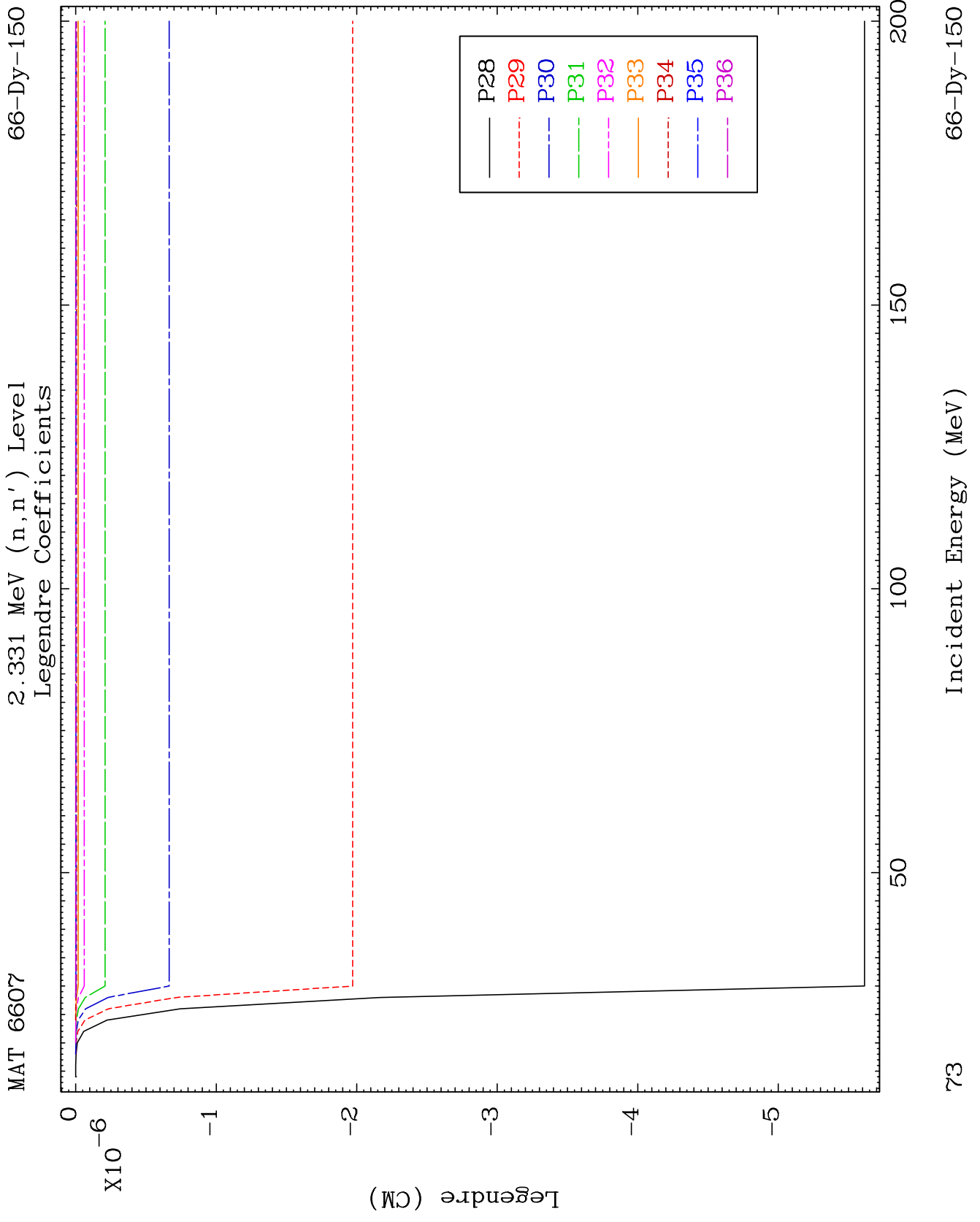
66-Dy-150



72

Incident Energy (MeV)

66-Dy-150

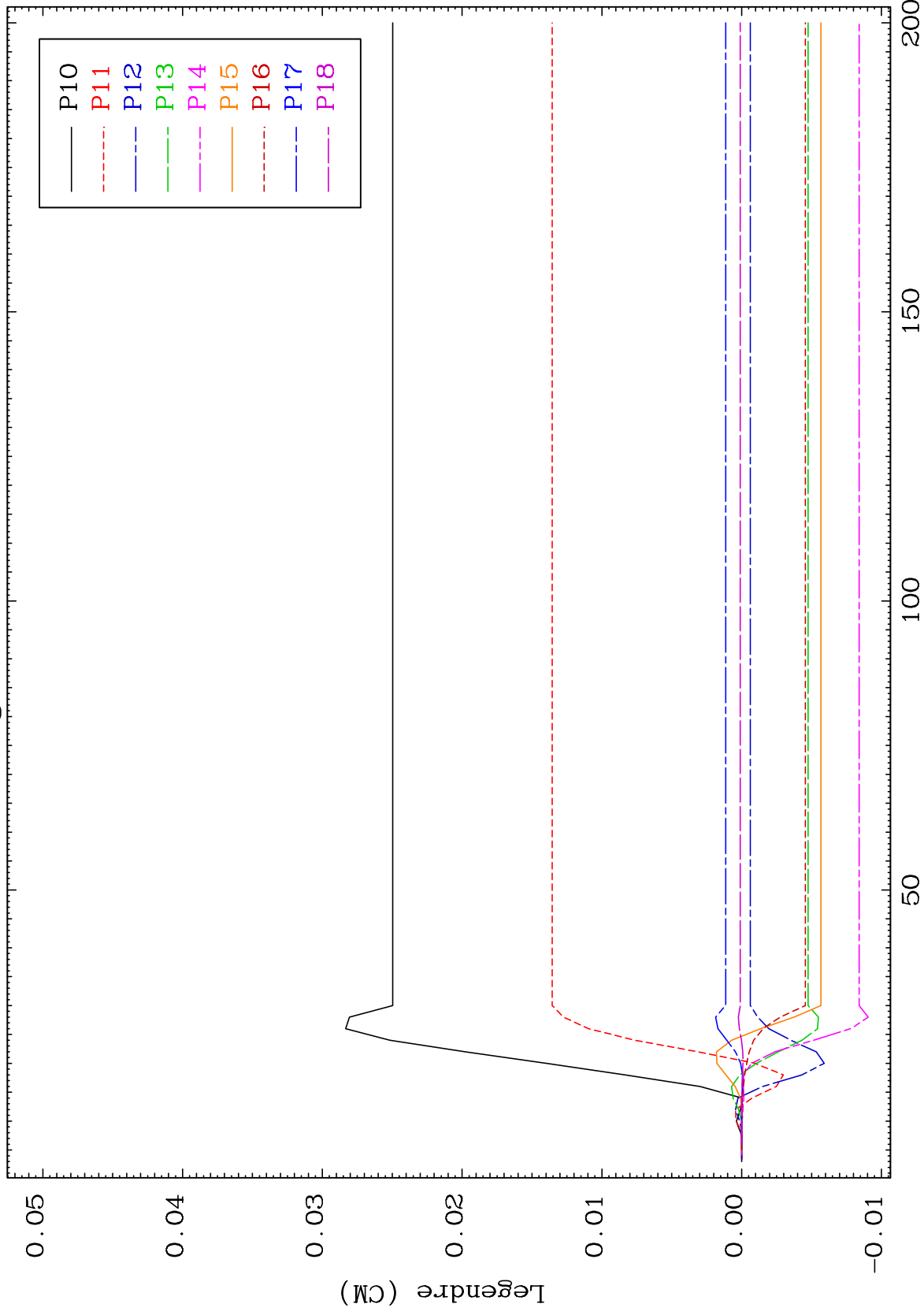




MAT 6607

2.337 MeV (n,n') Level  
Legendre Coefficients

66-Dy-150



75

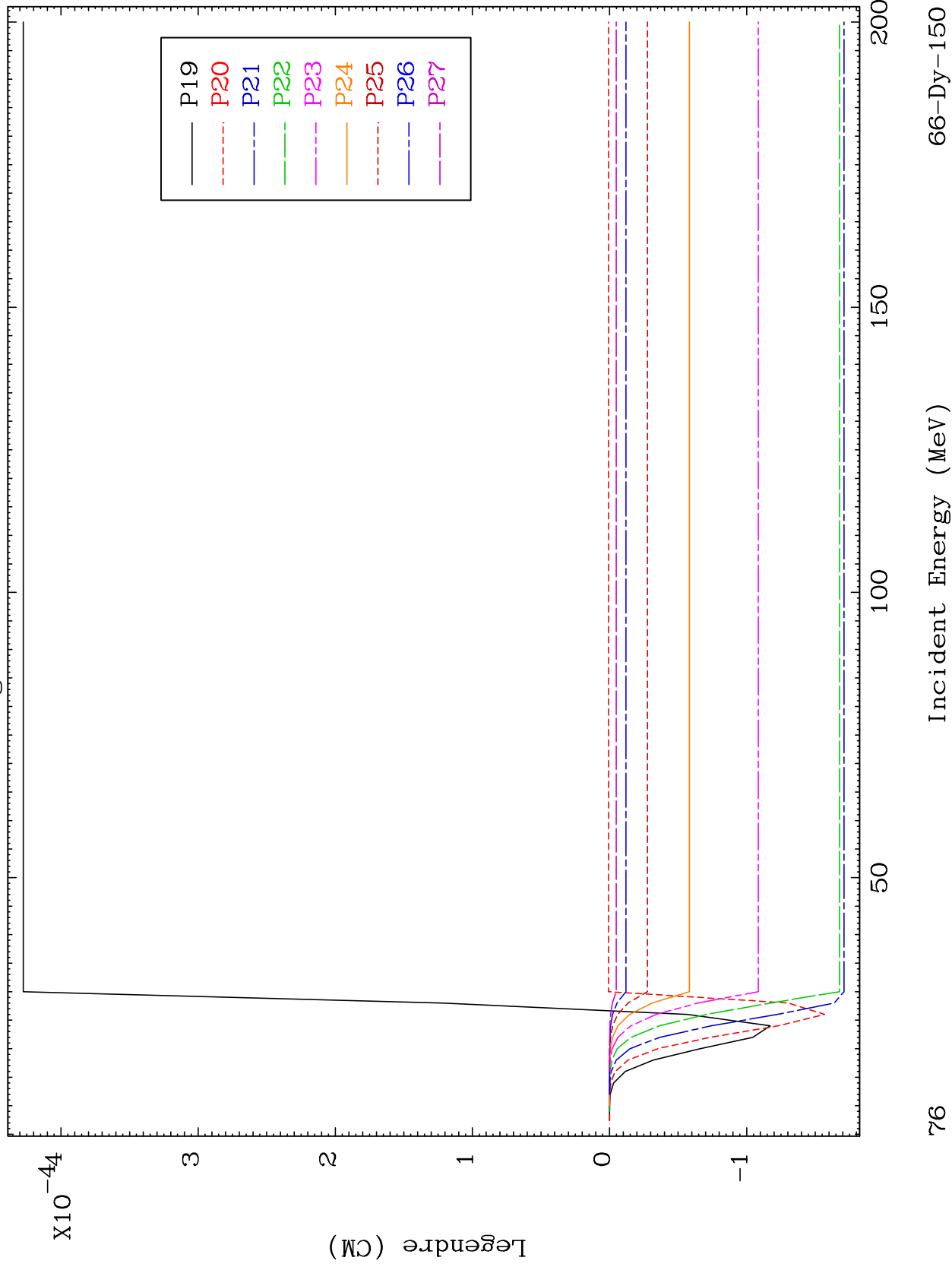
Incident Energy (MeV)

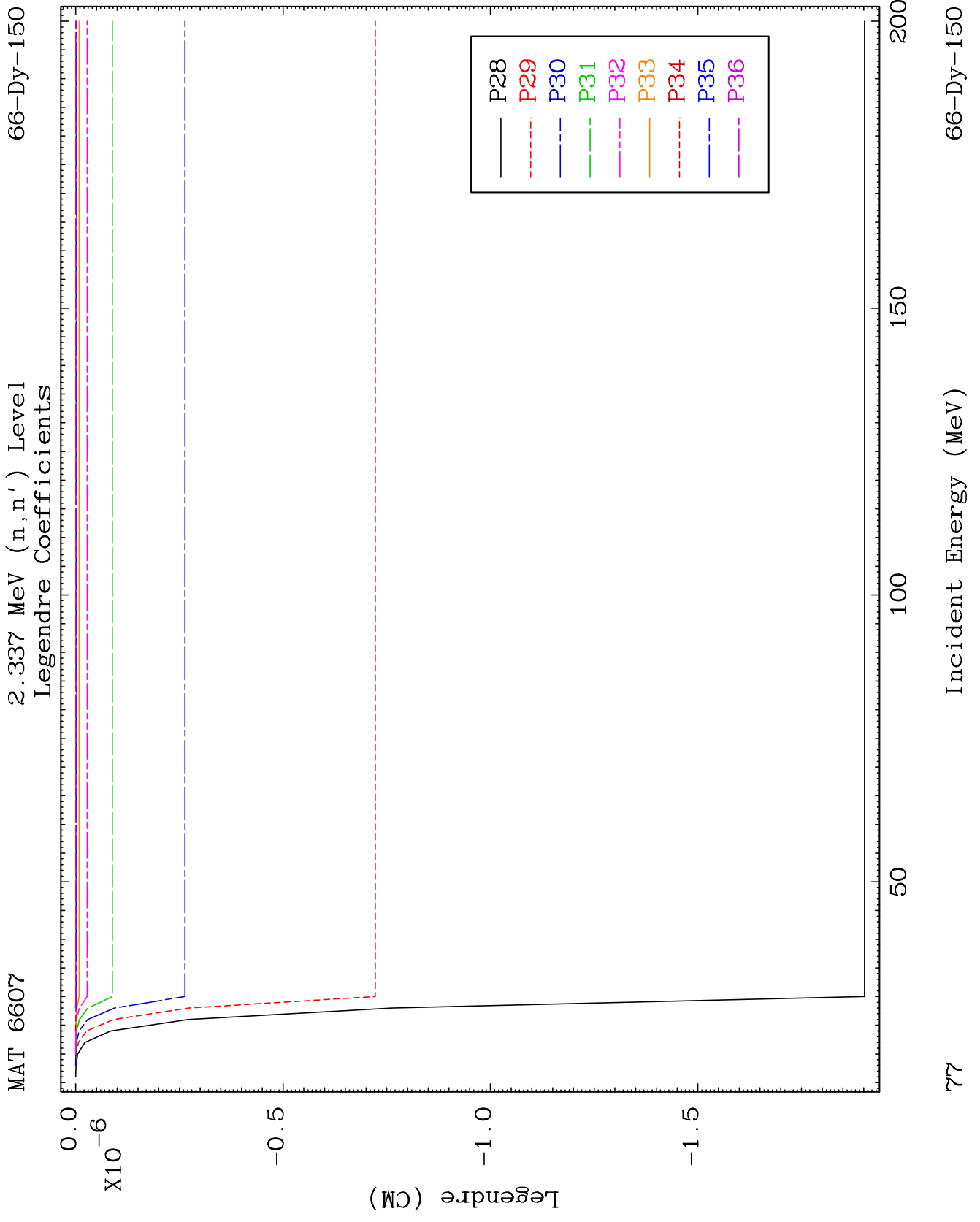
66-Dy-150

MAT 6607

2.337 MeV (n,n') Level  
Legendre Coefficients

66-Dy-150

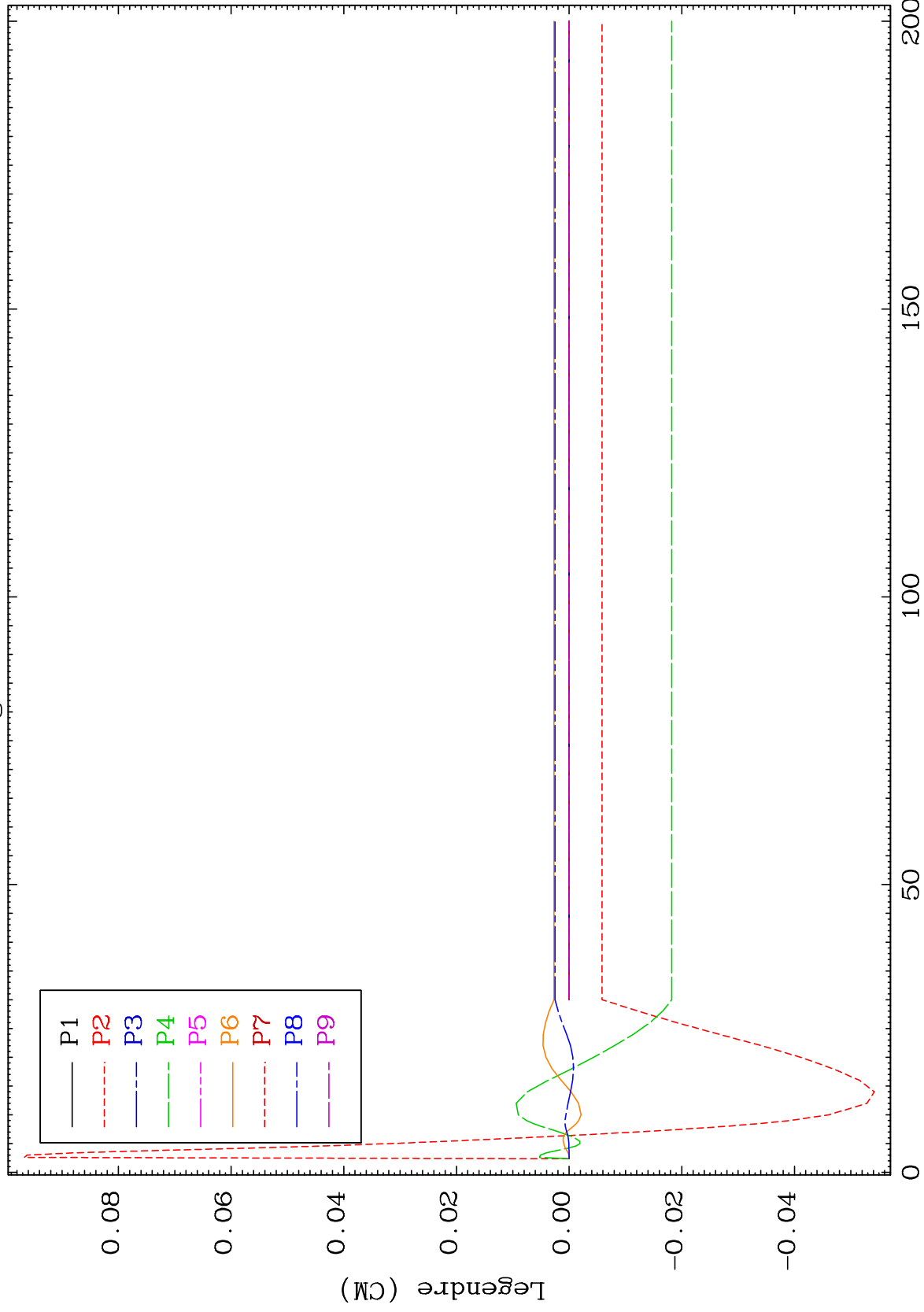




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2.347 MeV (n,n') Level  
Legendre Coefficients

66-Dy-150



78

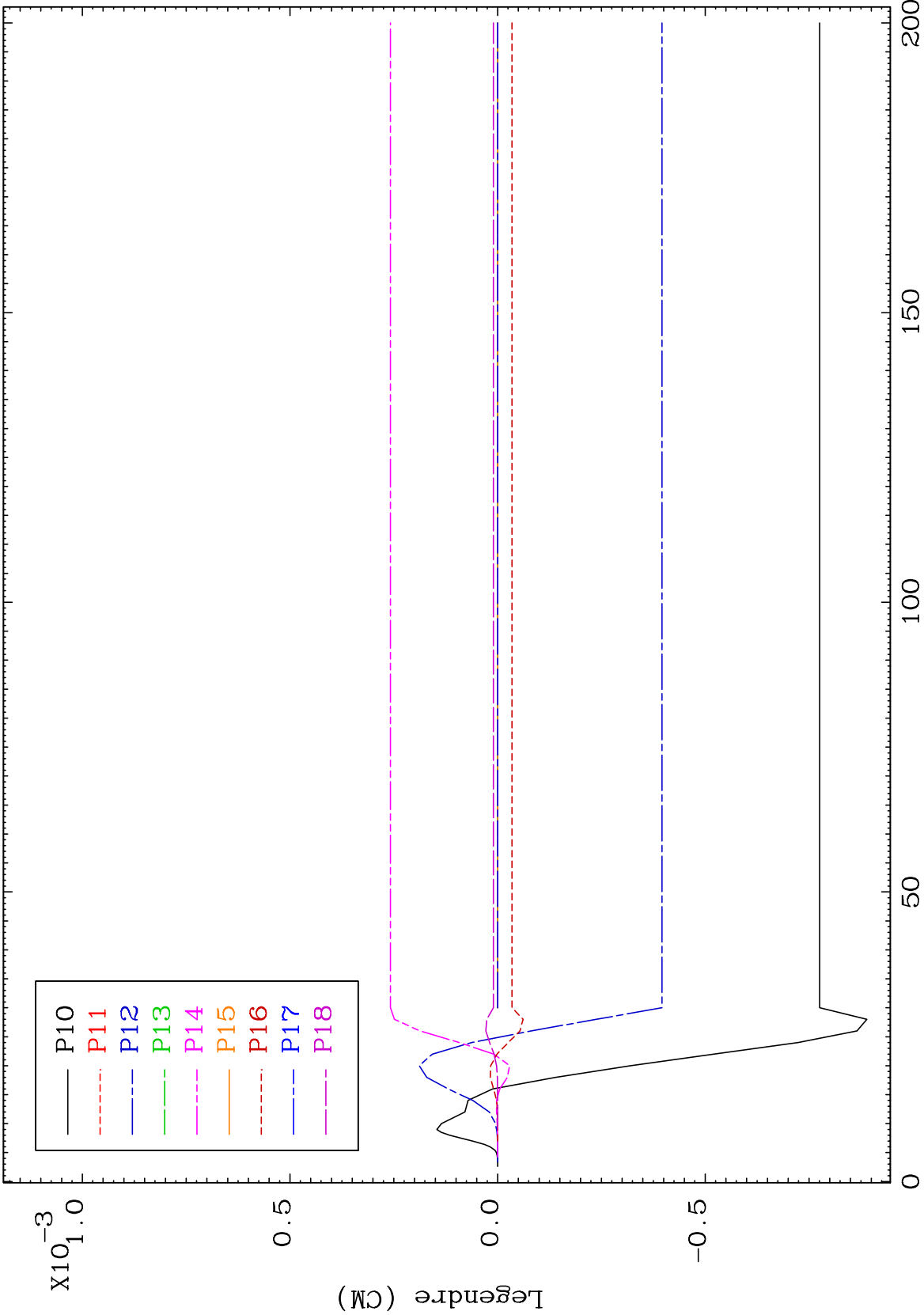
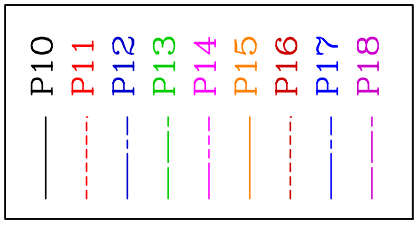
Incident Energy (MeV)

66-Dy-150

MAT 6607

2.347 MeV (n,n') Level  
Legendre Coefficients

66-Dy-150

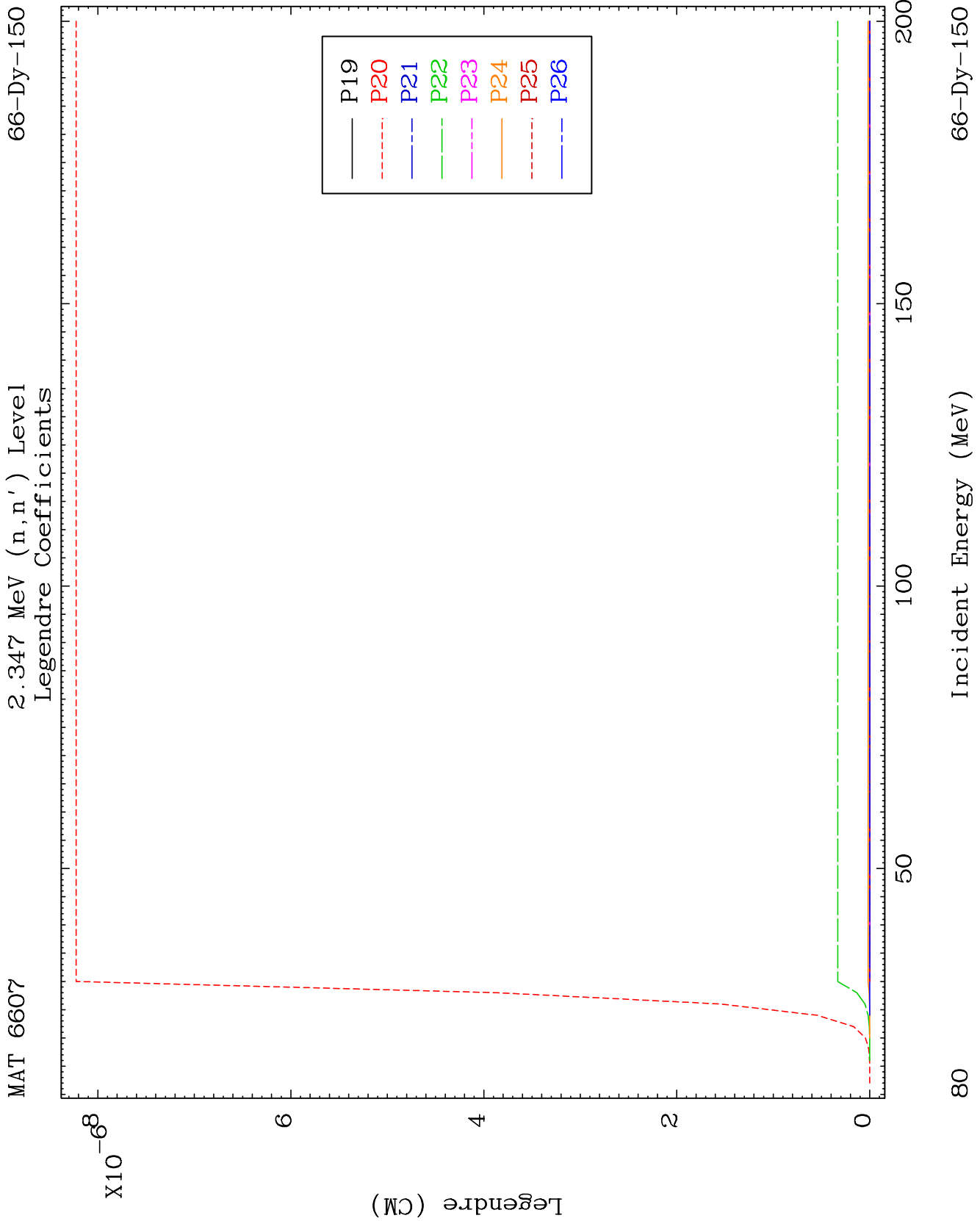


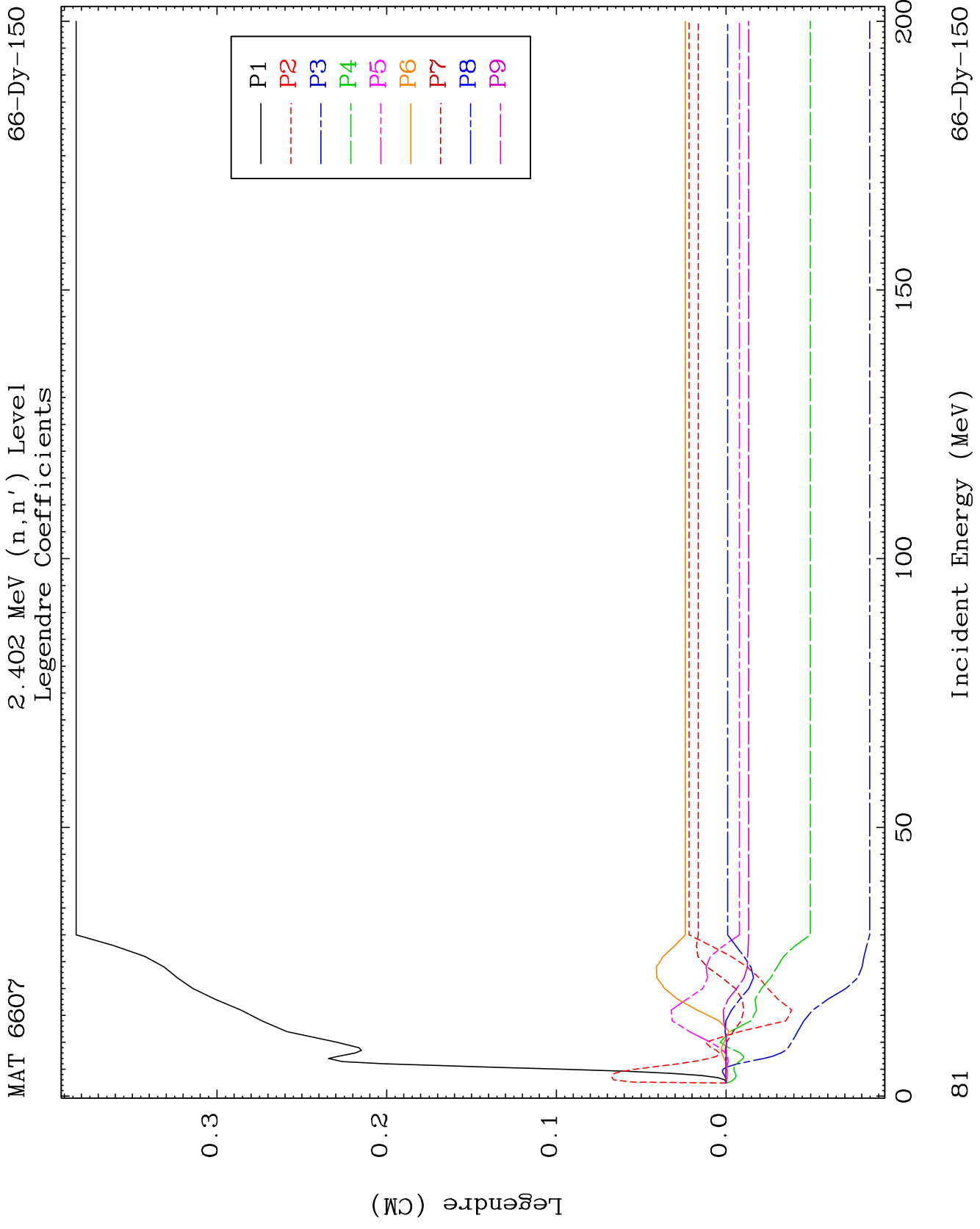
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Incident Energy (MeV)

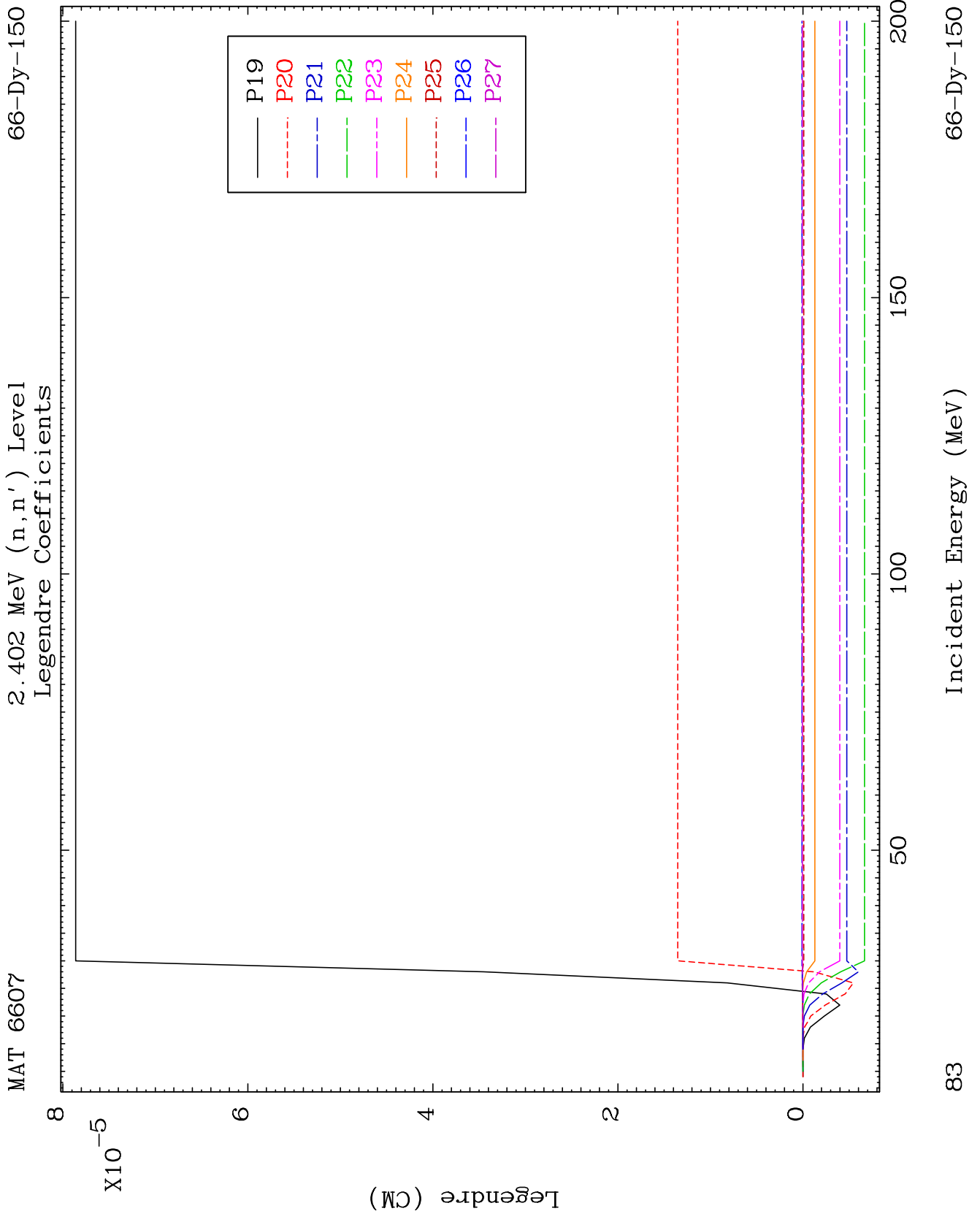
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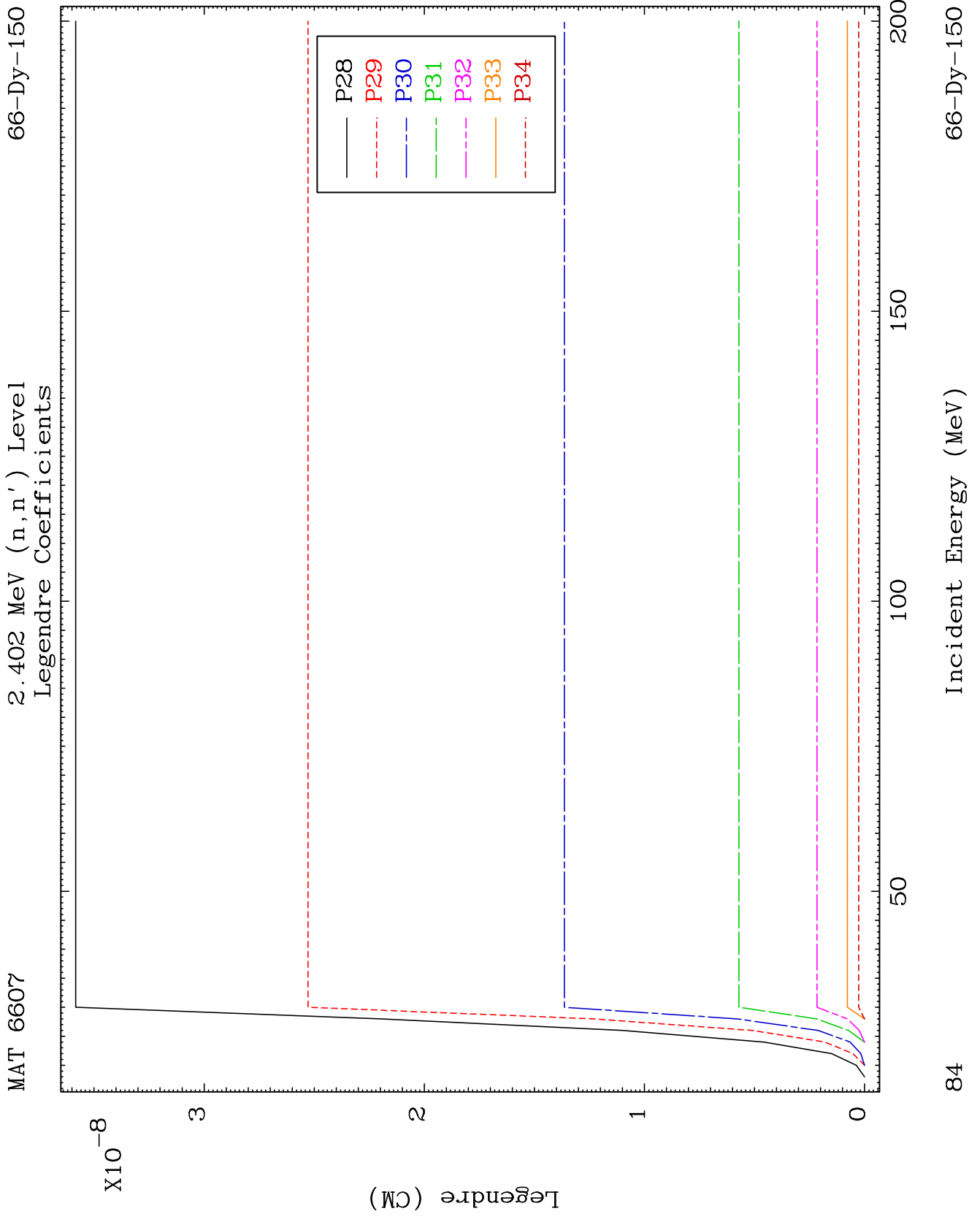




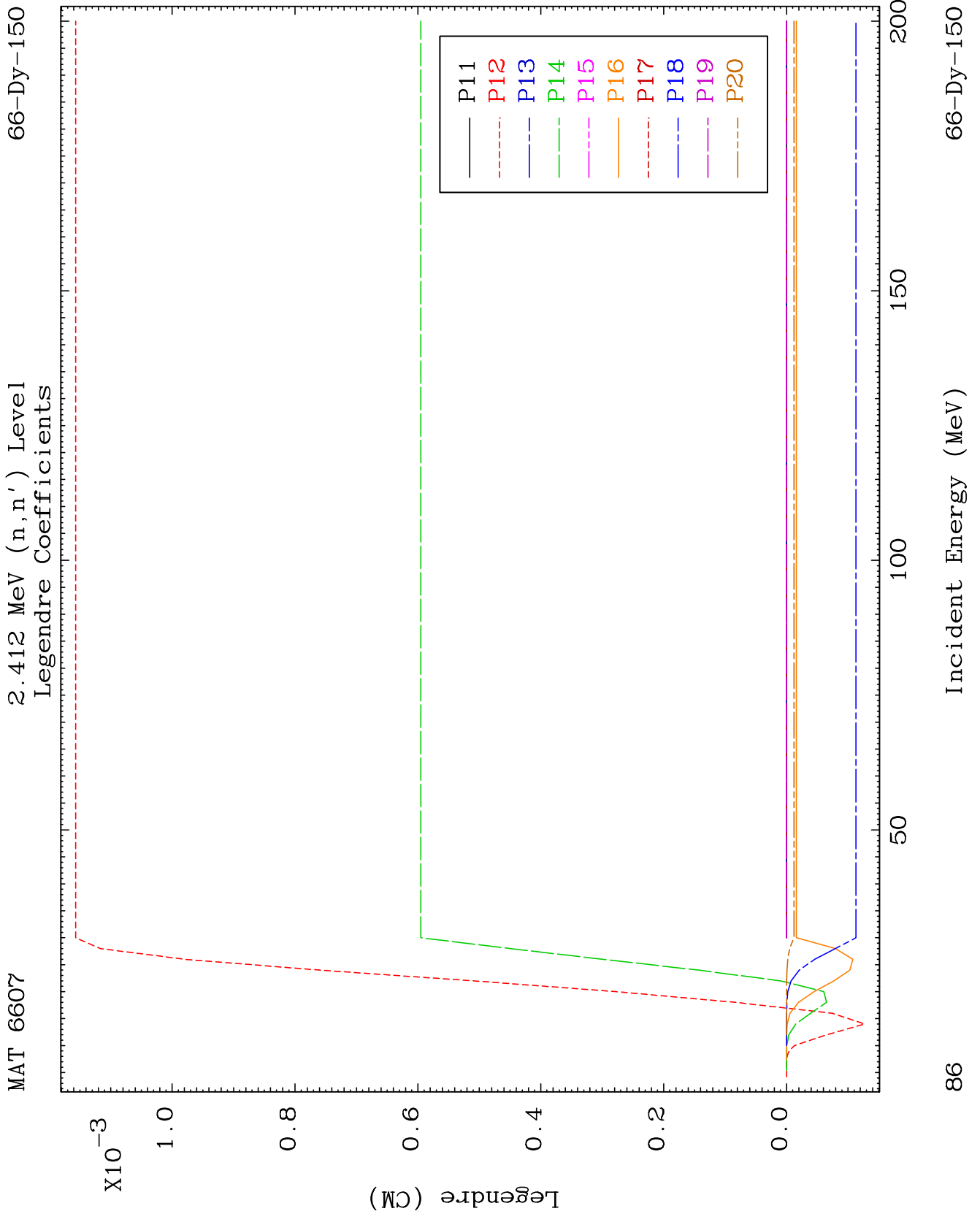


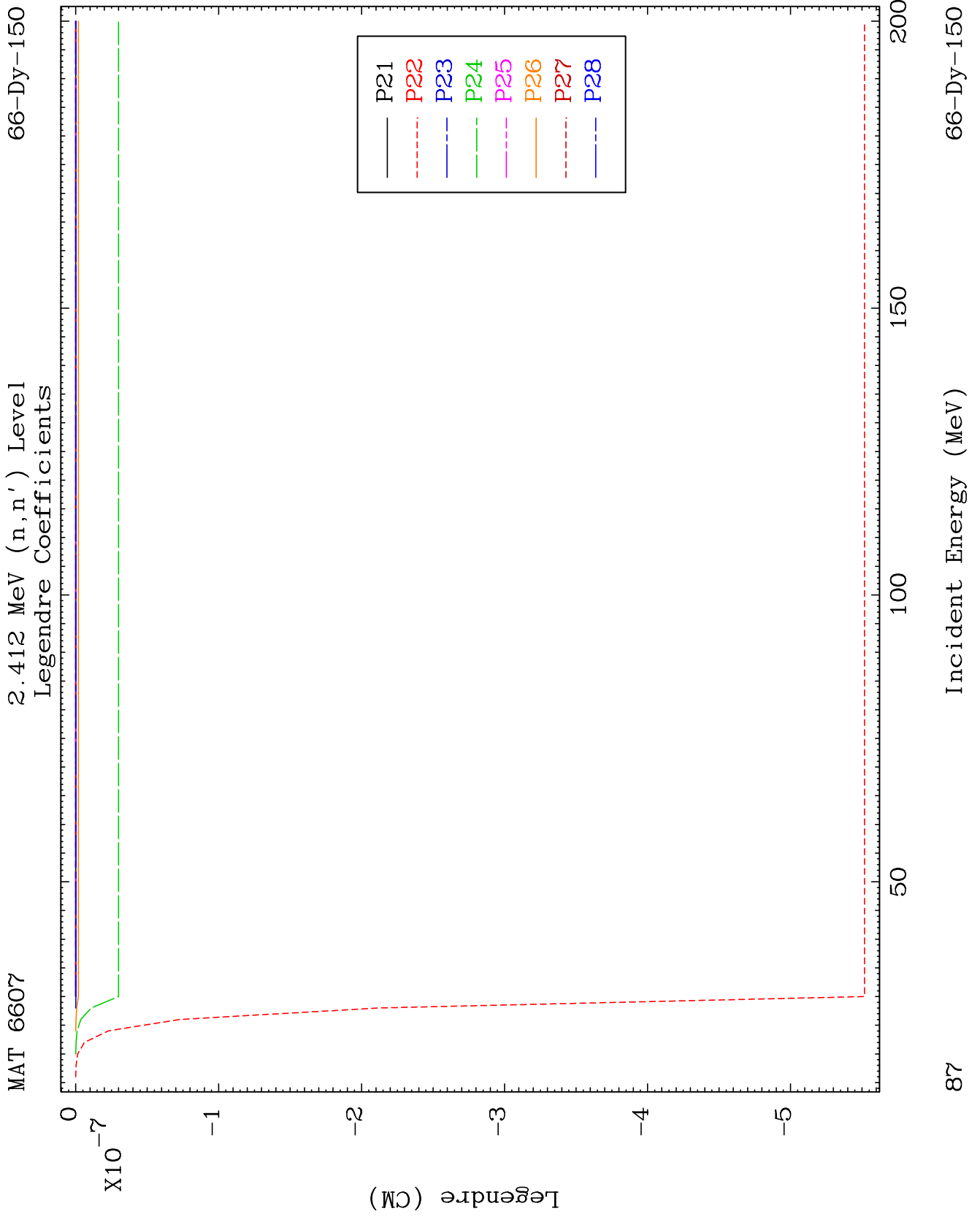




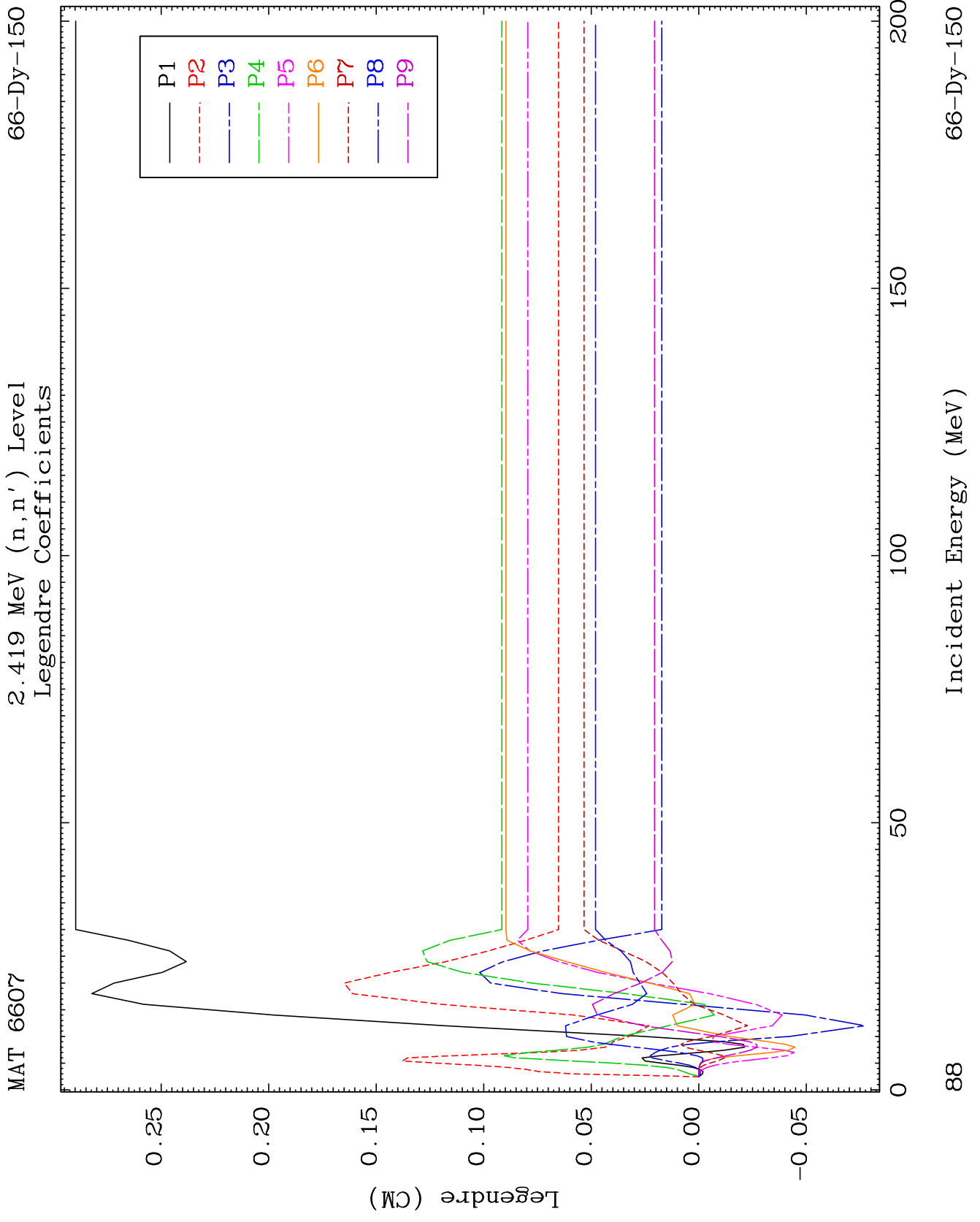






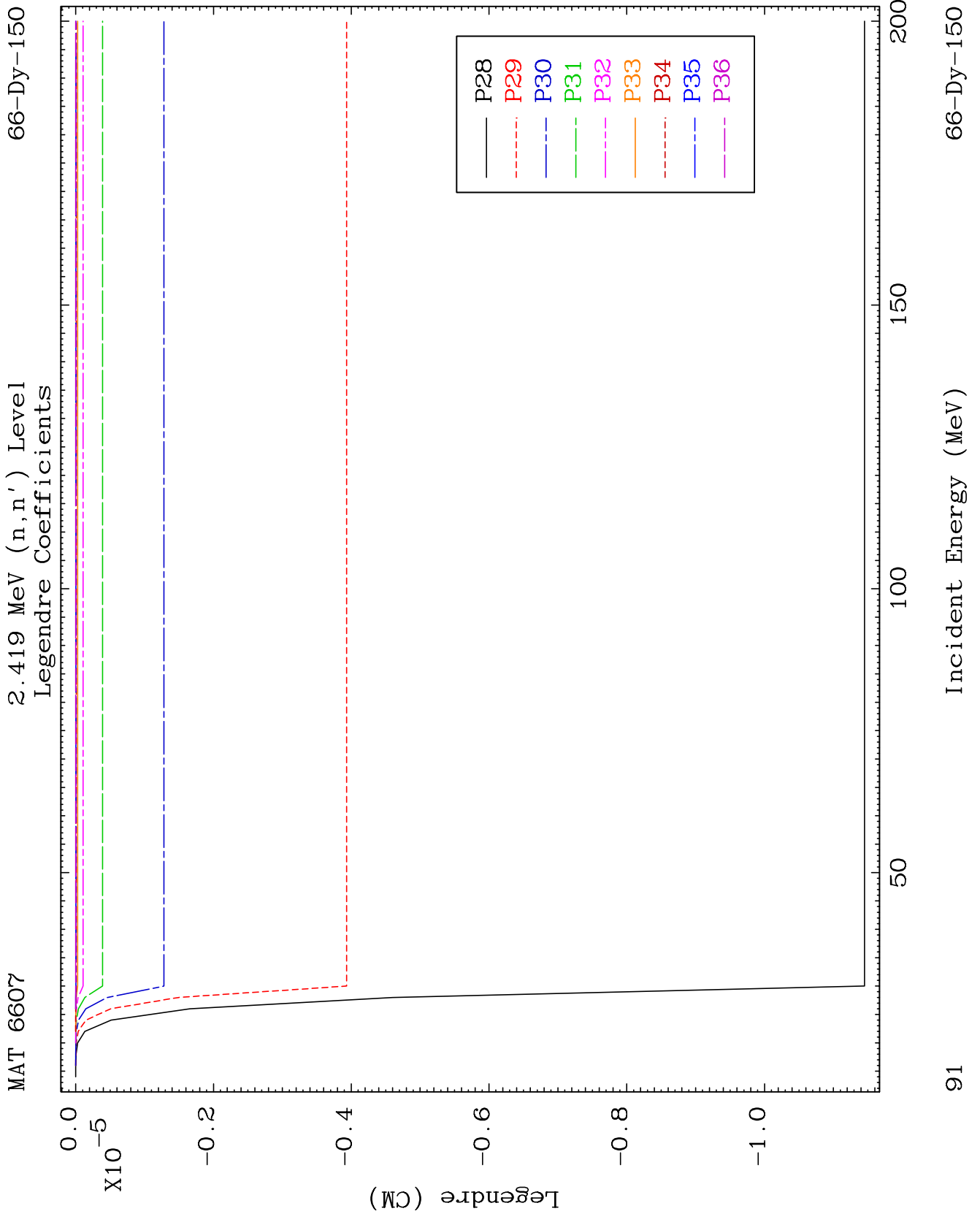










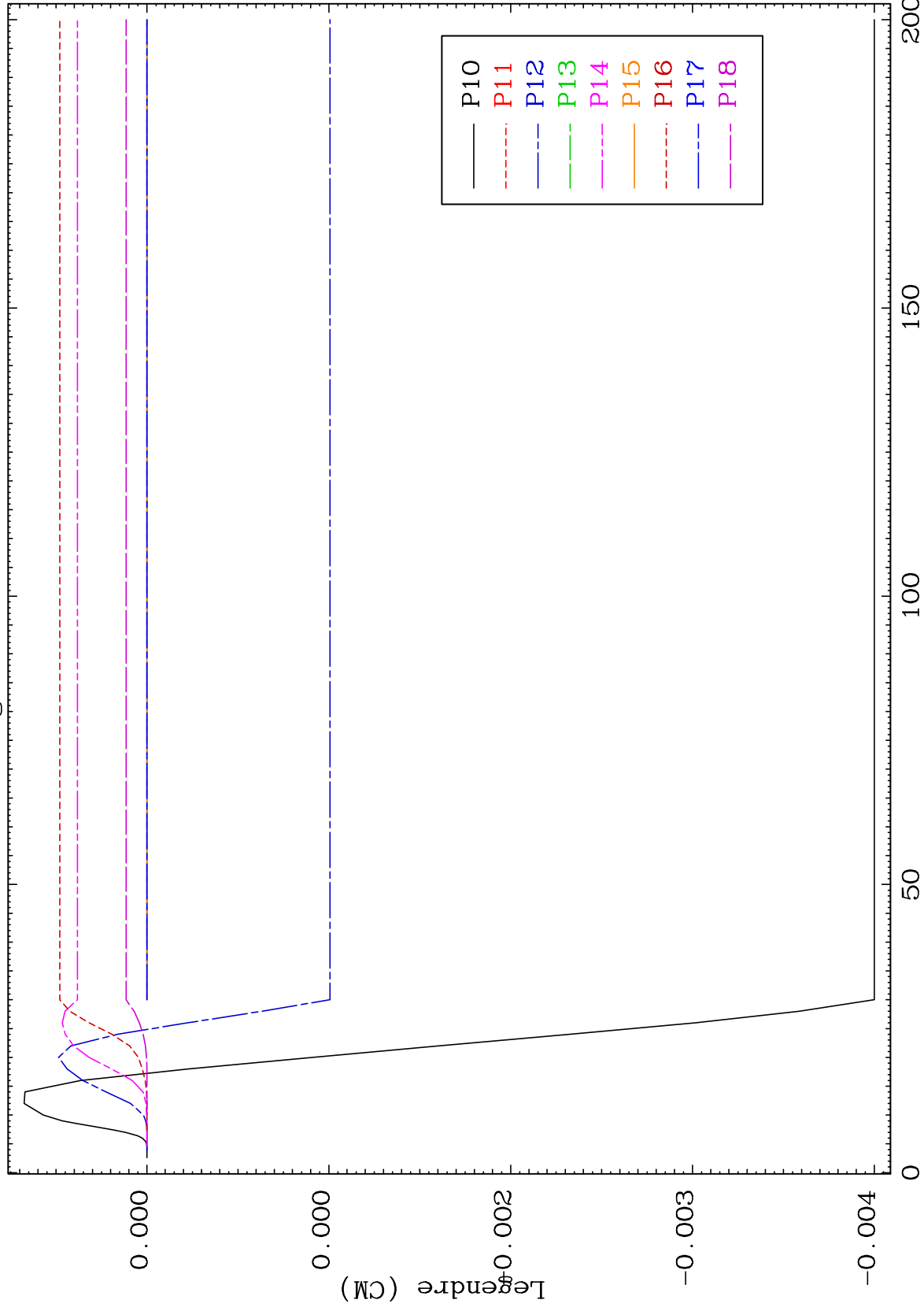




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2.435 MeV (n,n') Level  
Legendre Coefficients

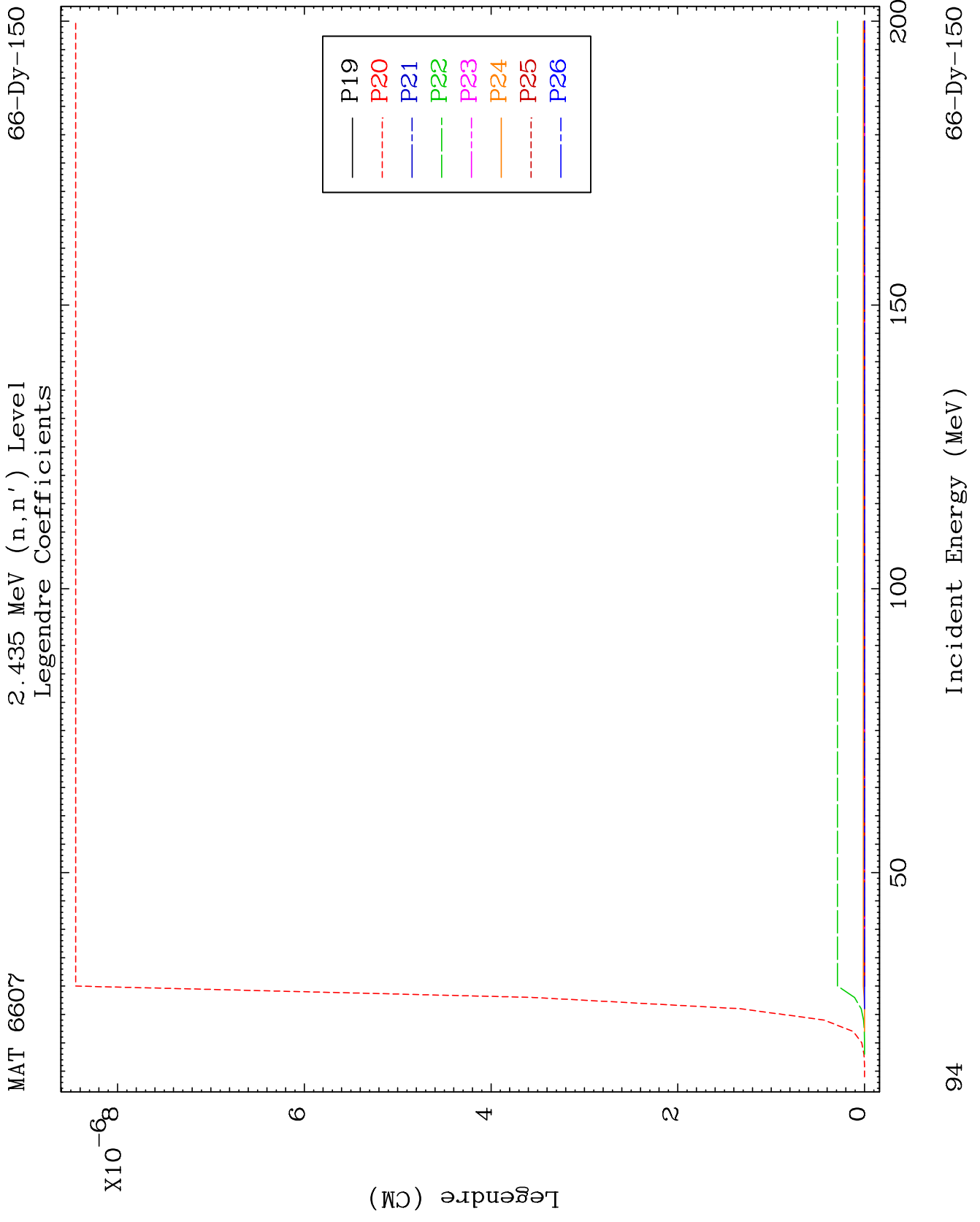
66-Dy-150



93

Incident Energy (MeV)

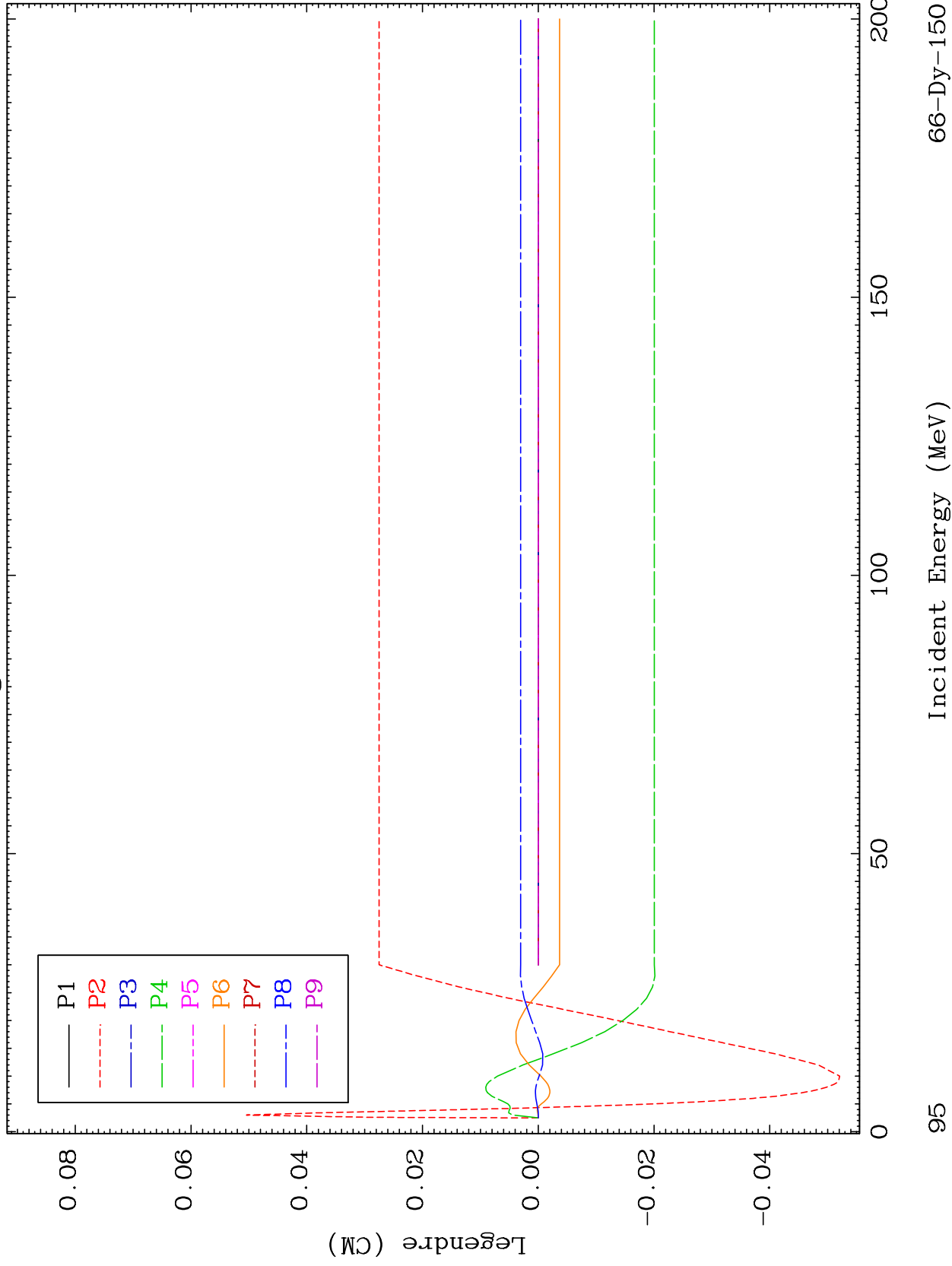
66-Dy-150



MAT 6607

2.461 MeV (n,n') Level  
Legendre Coefficients

66-Dy-150

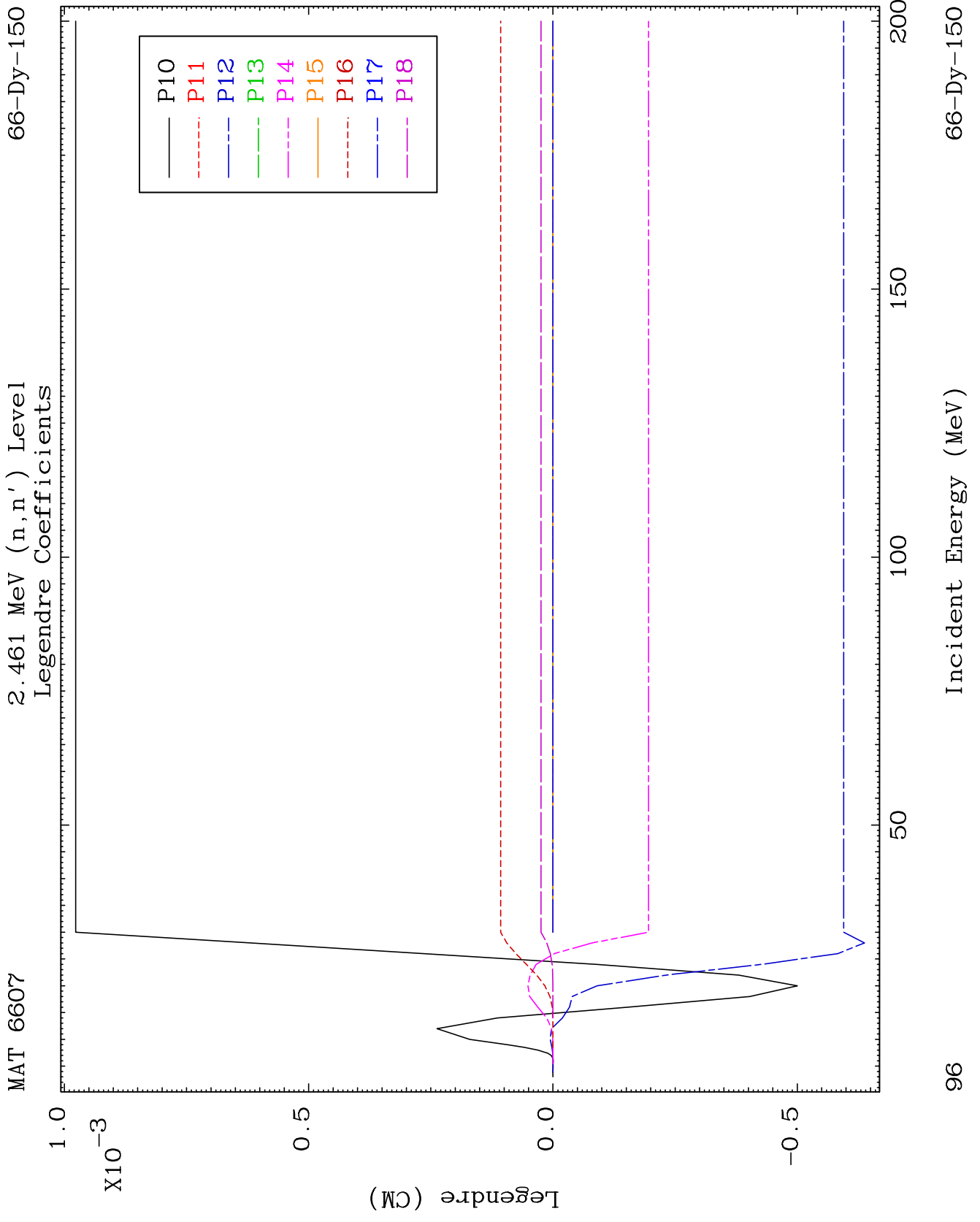


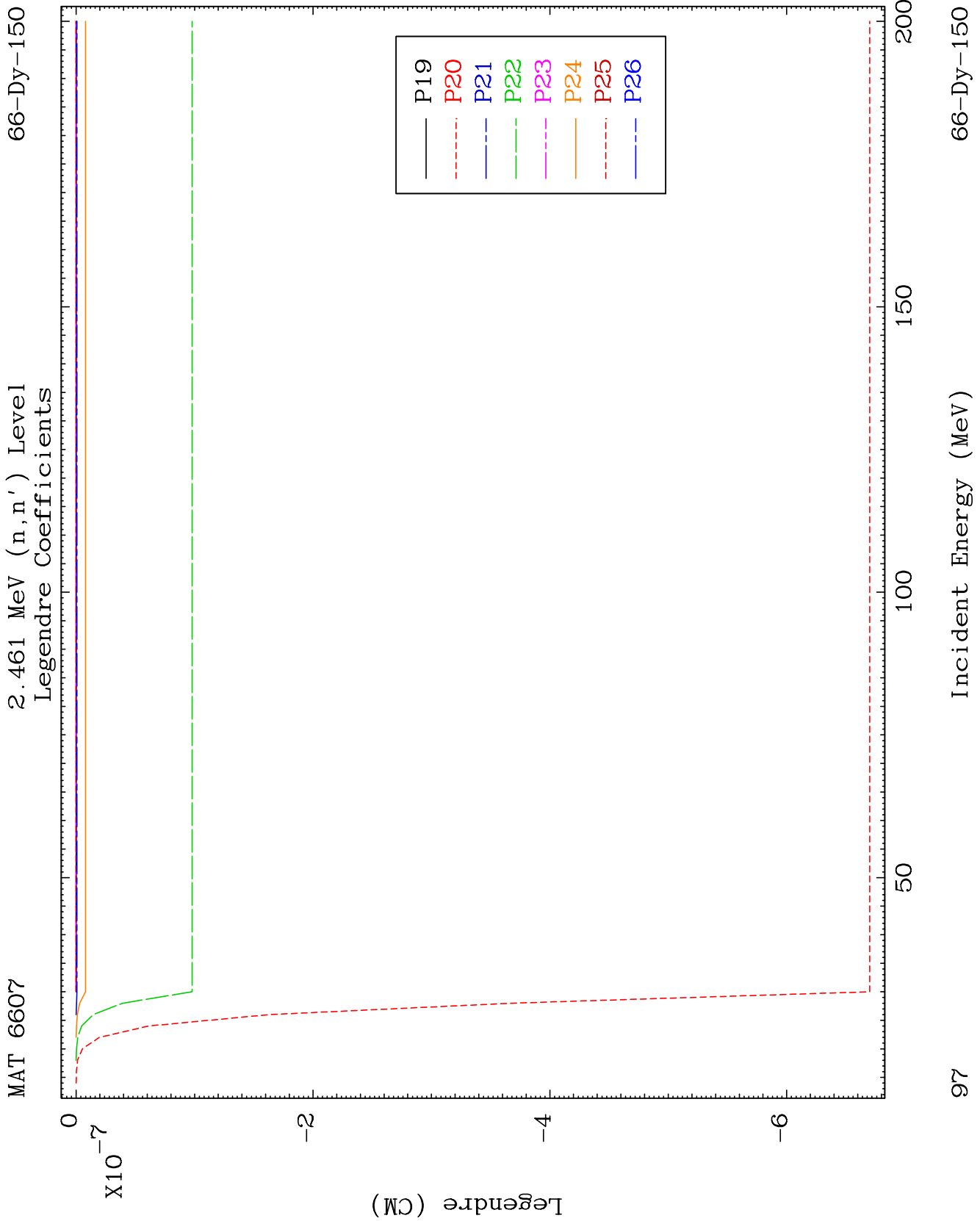
66-Dy-150

Incident Energy (MeV)

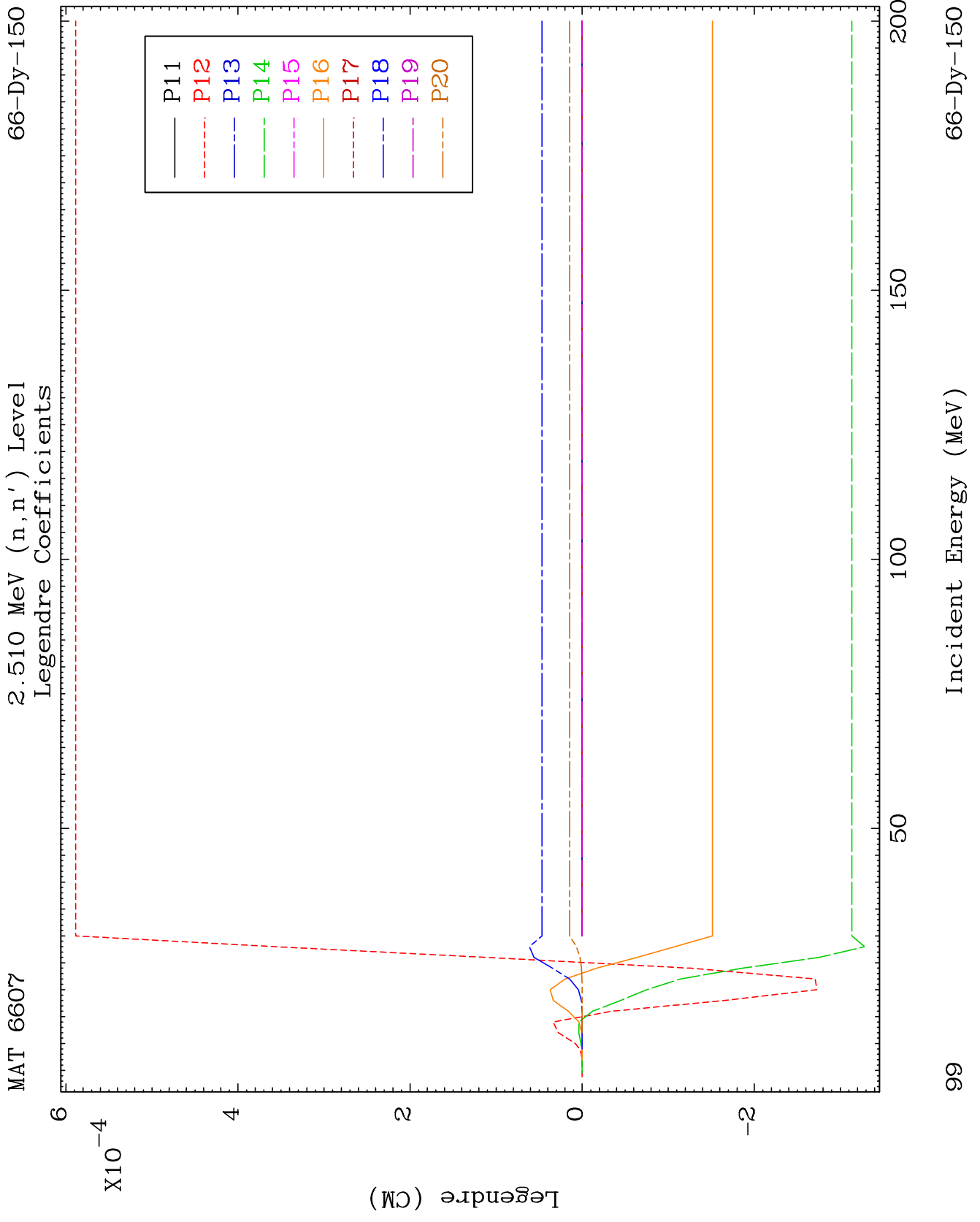
95

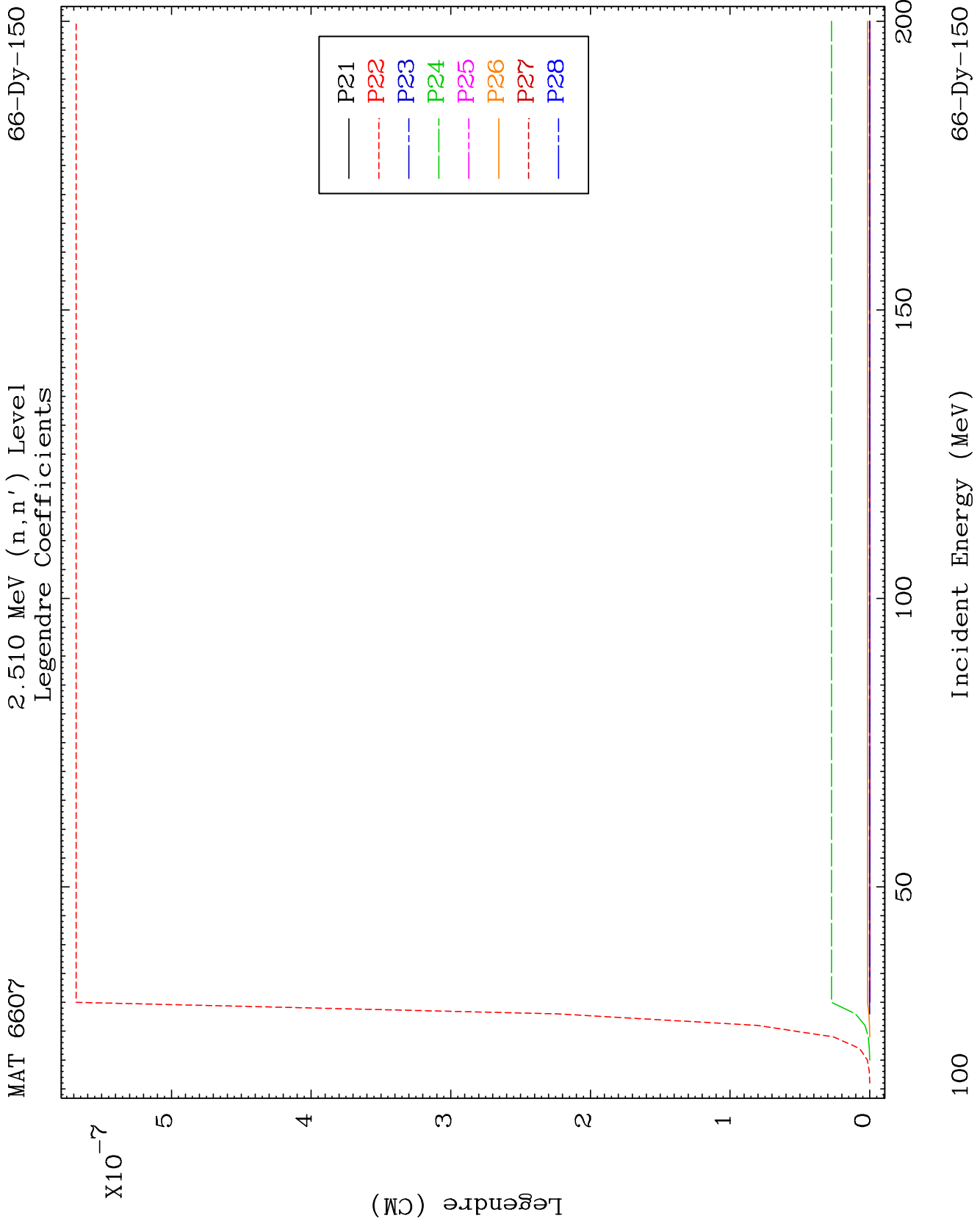


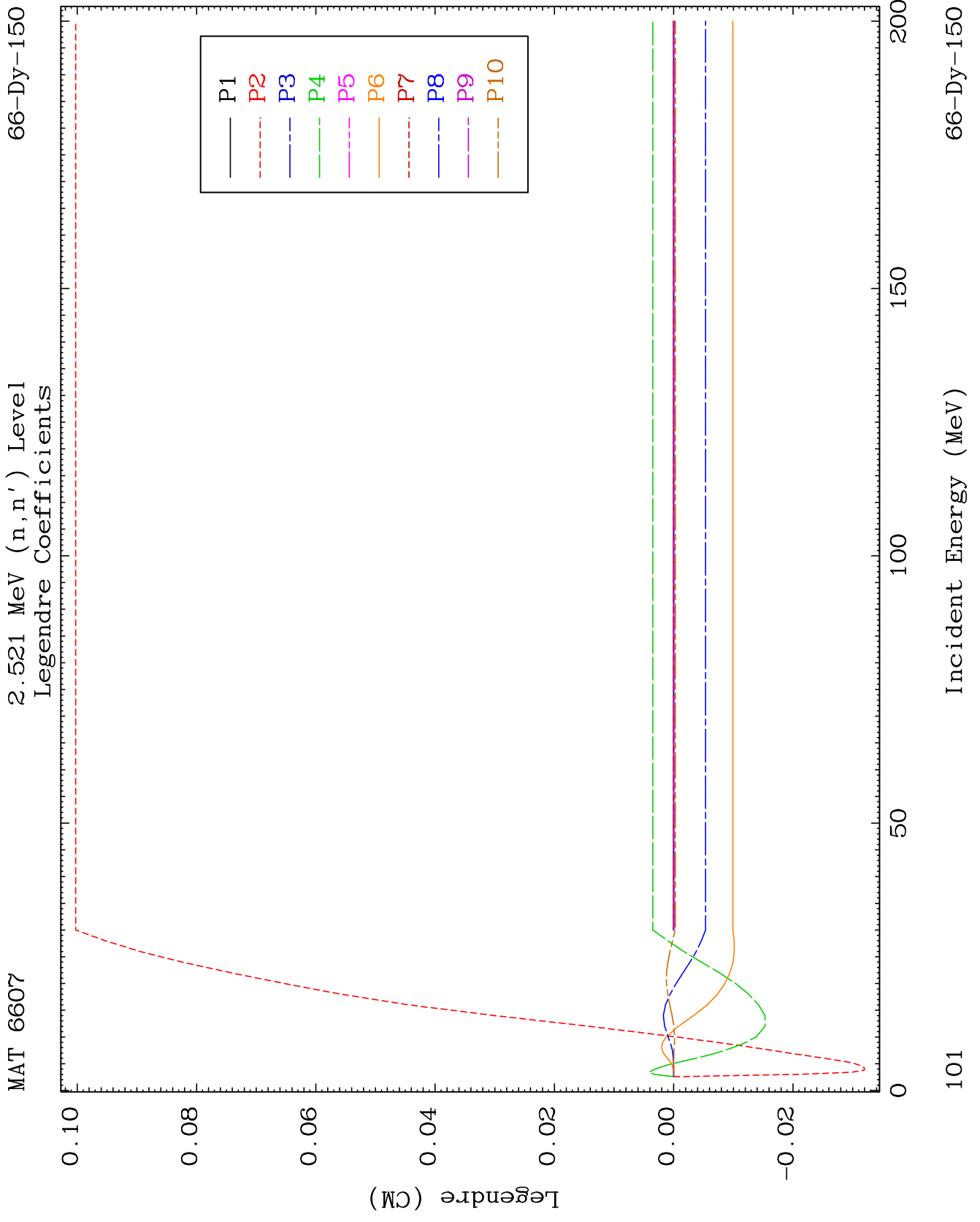


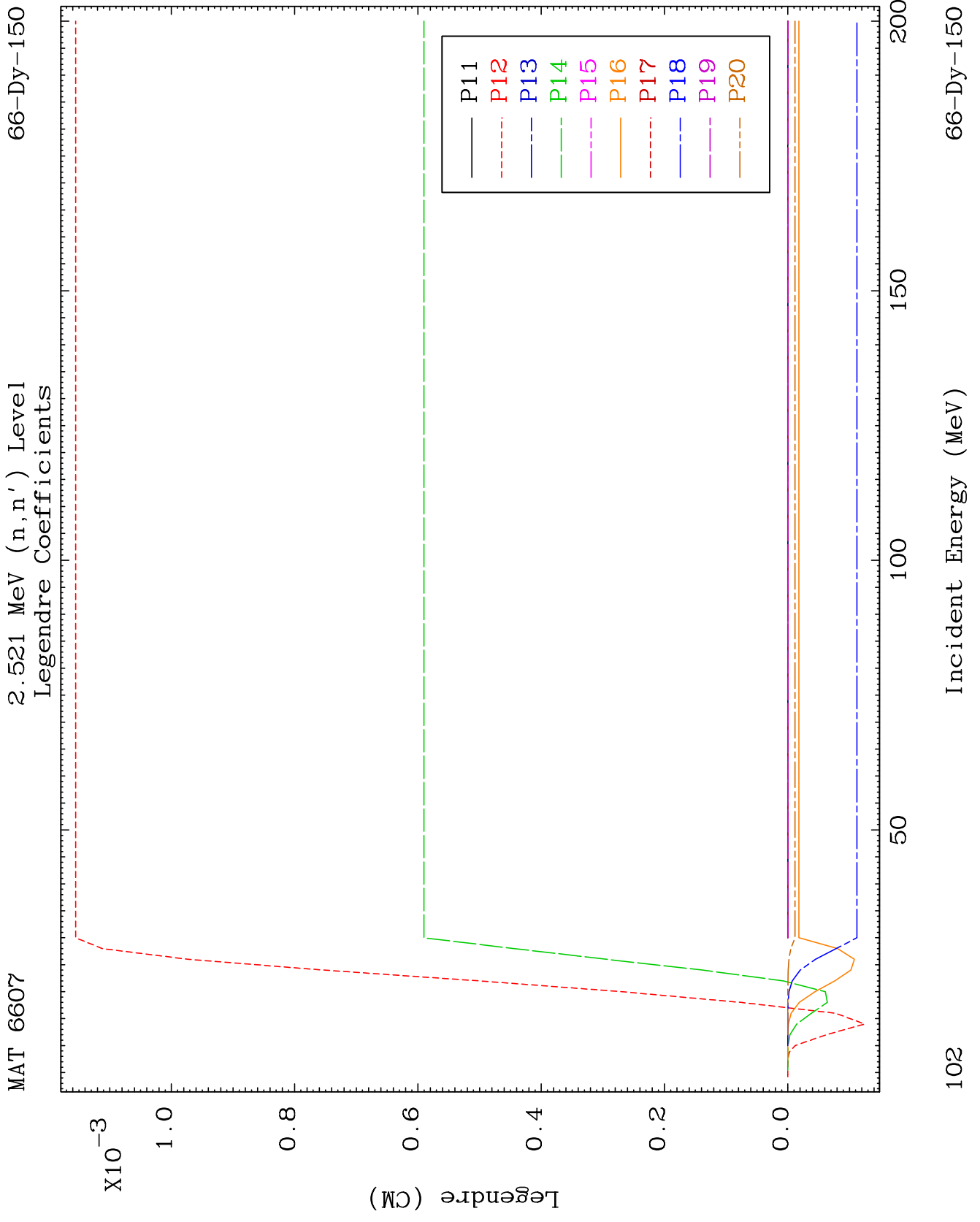


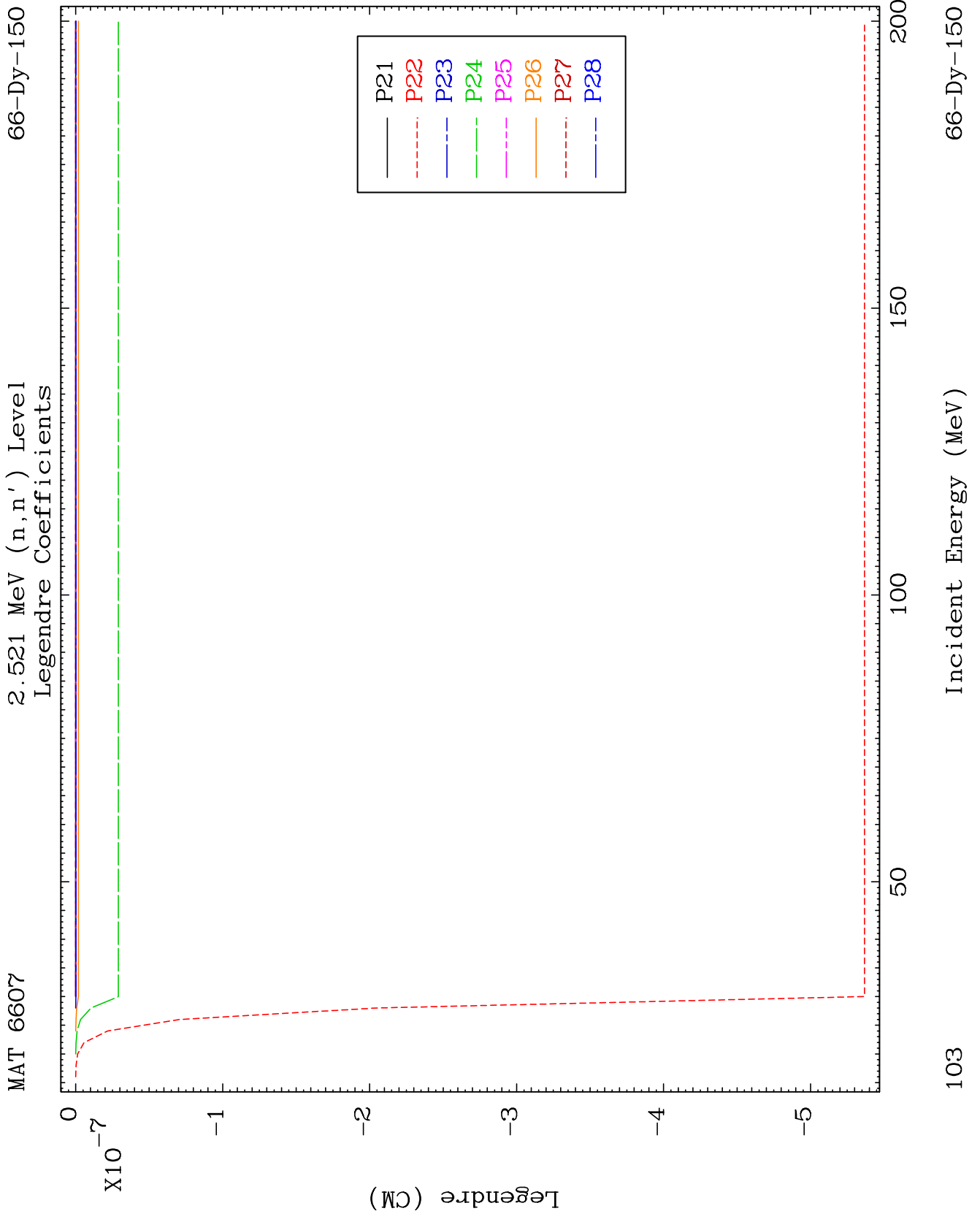




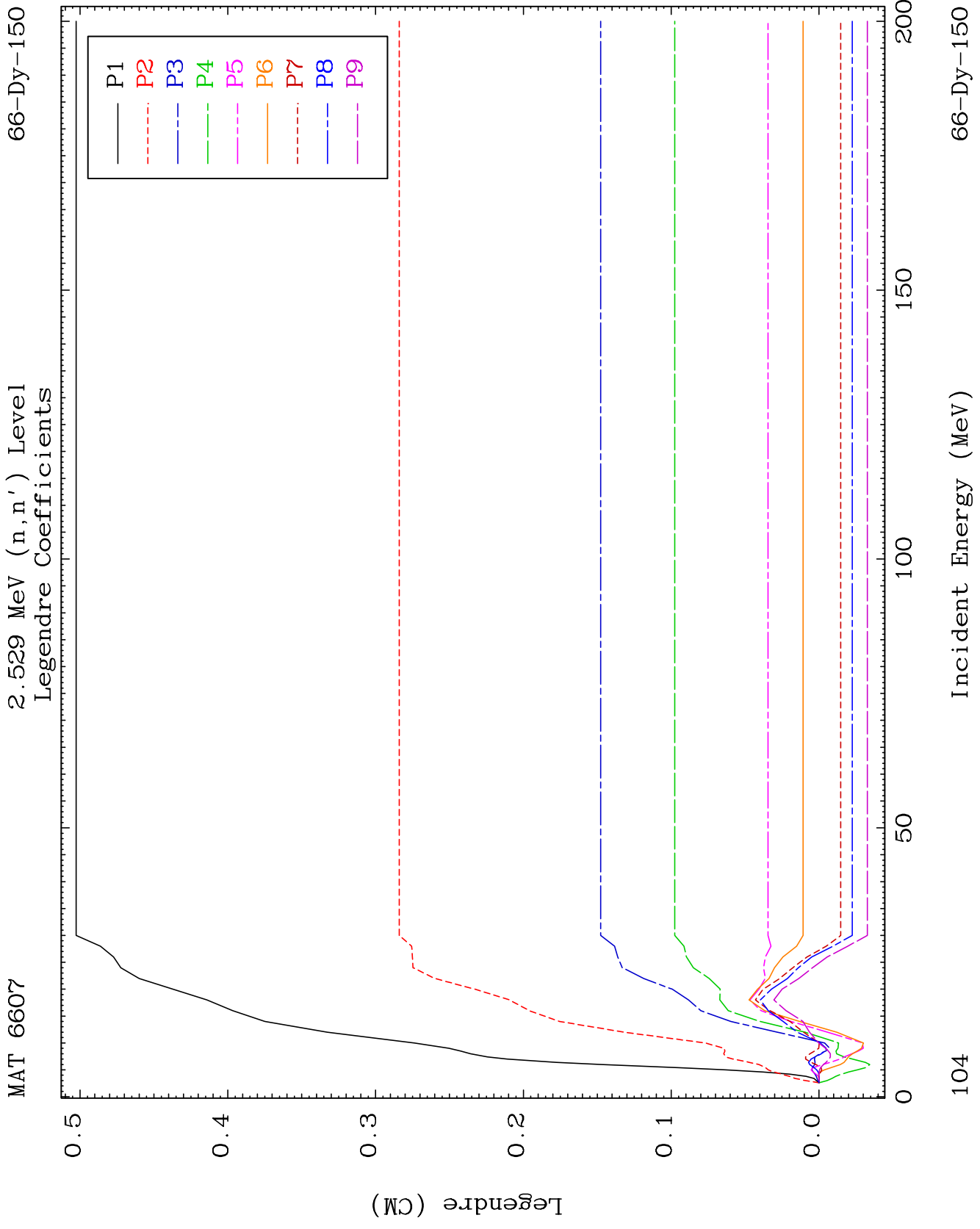


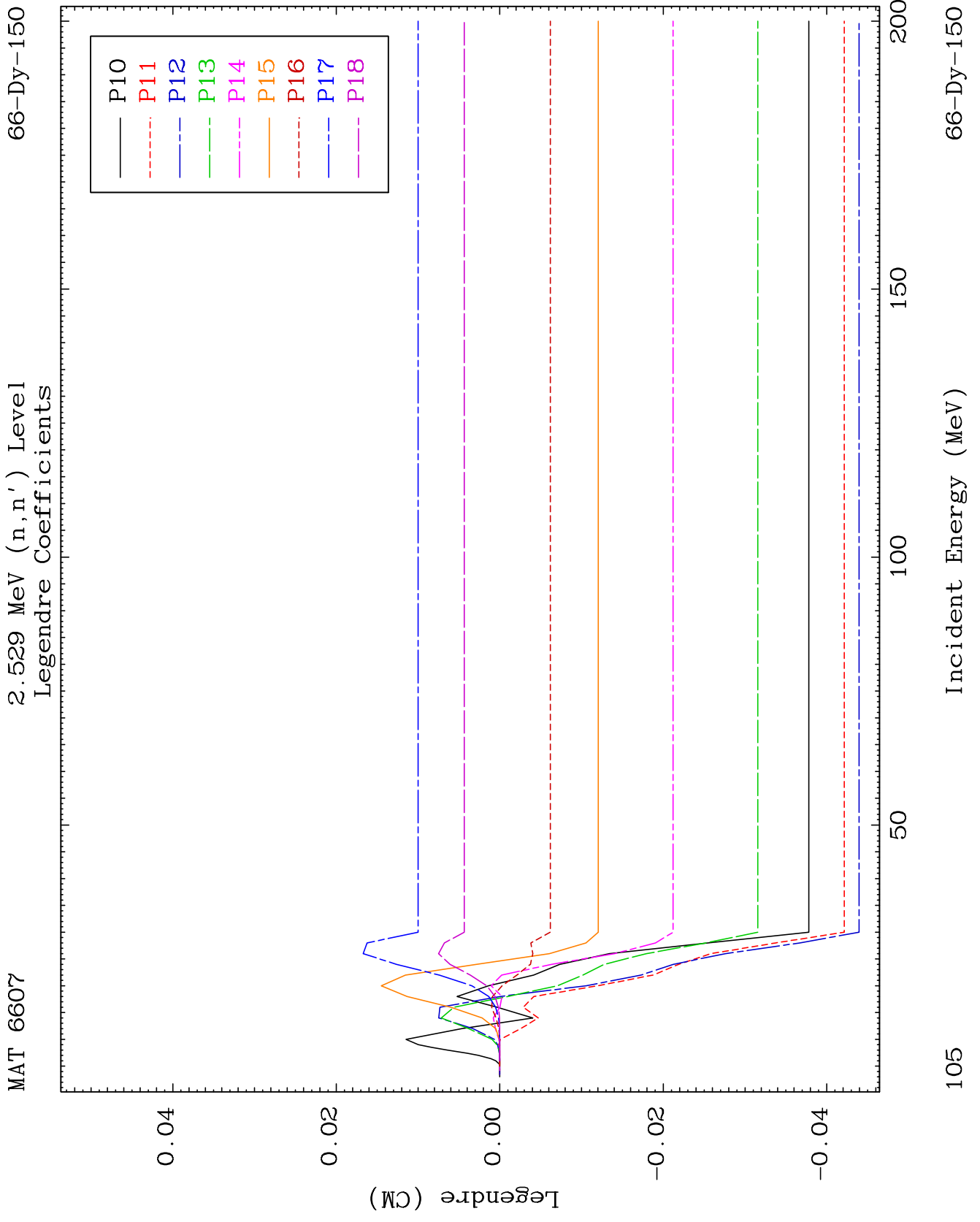


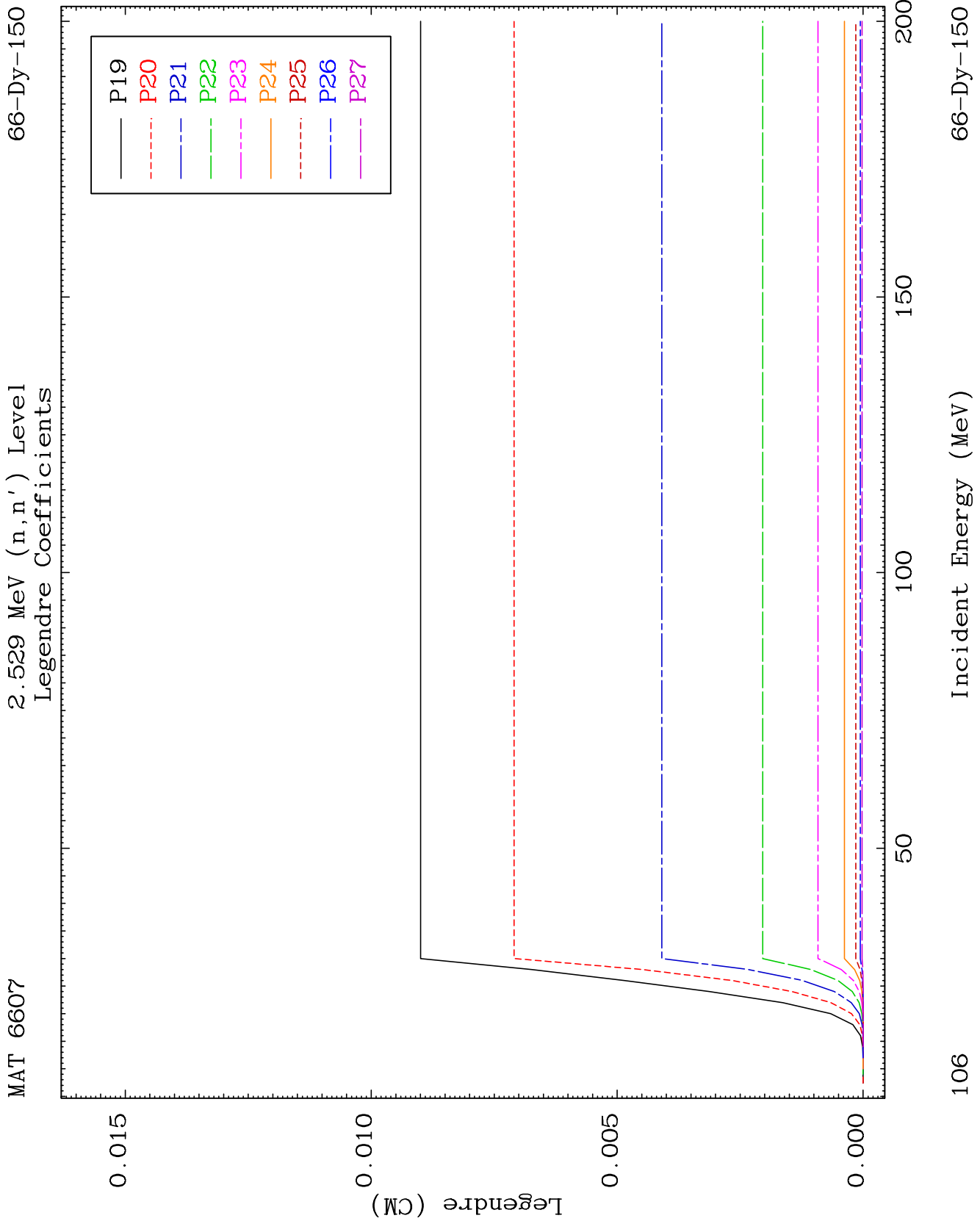


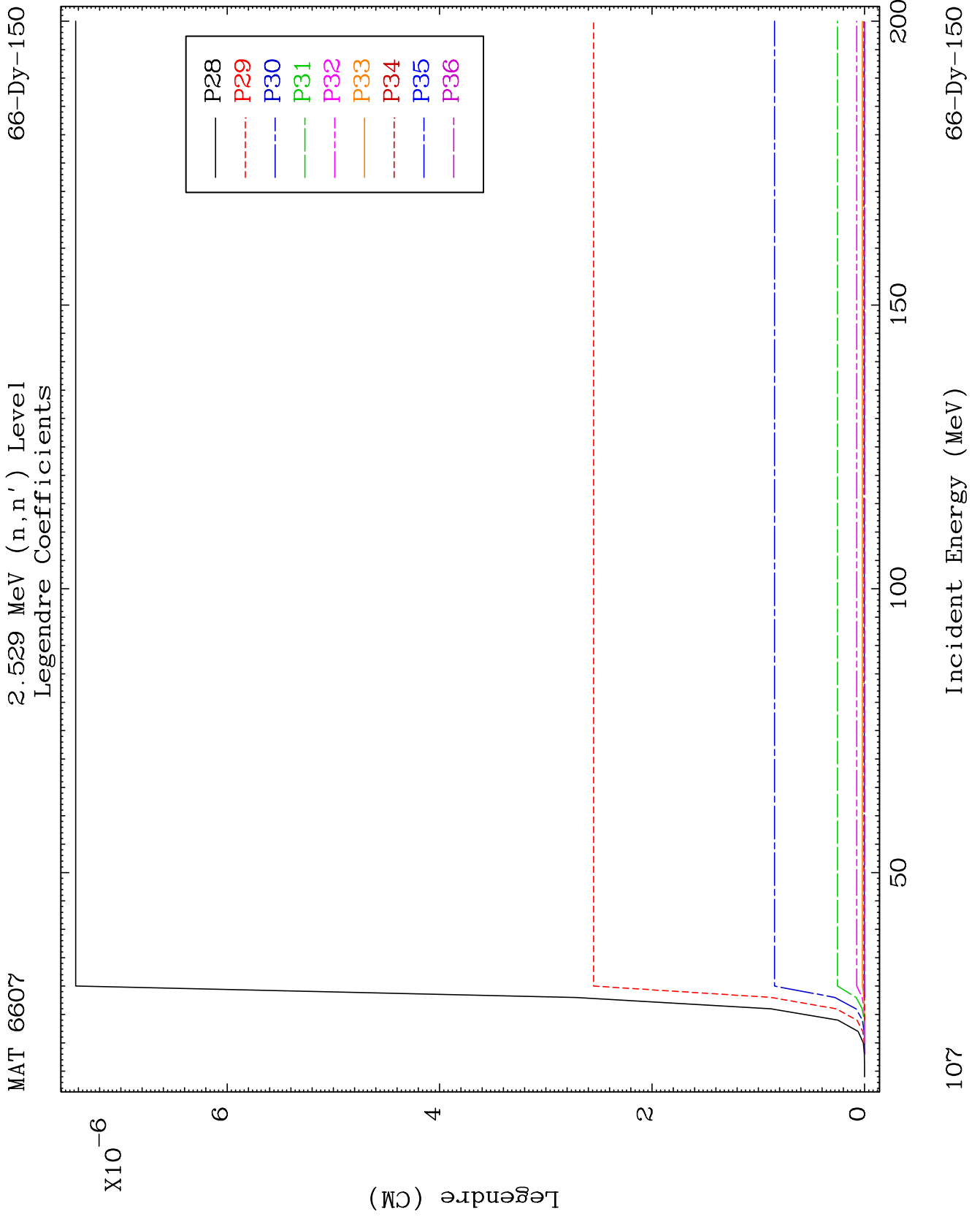


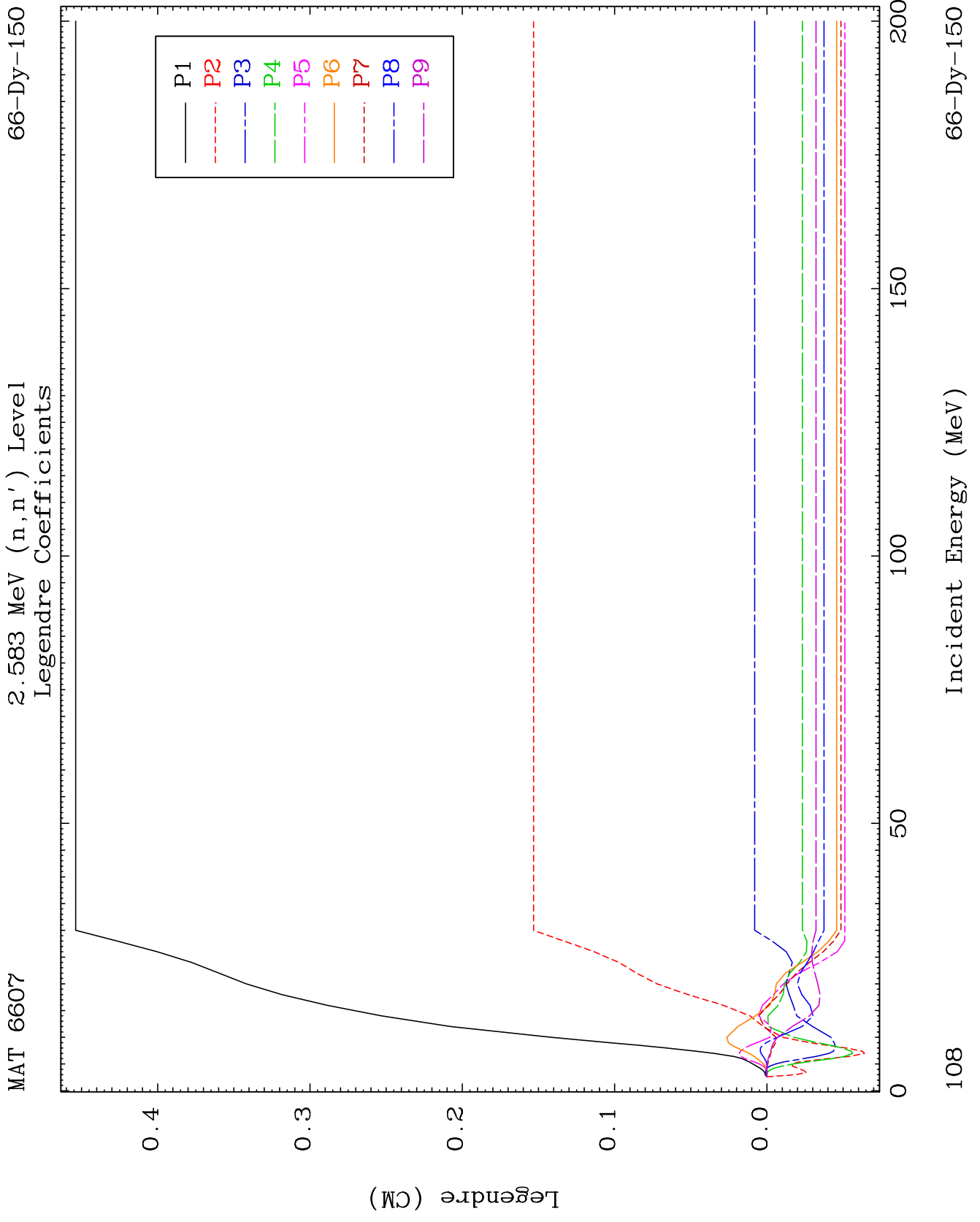




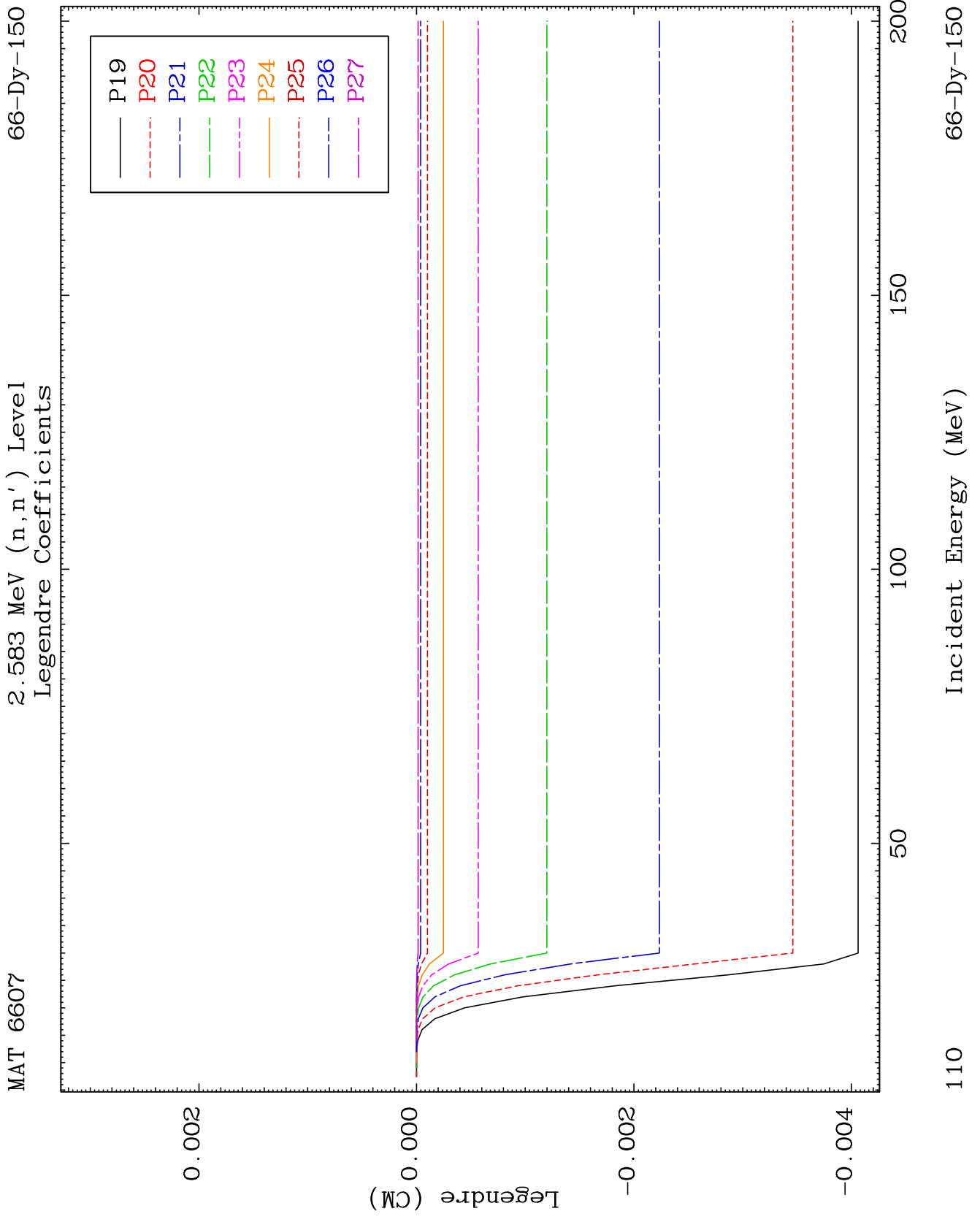


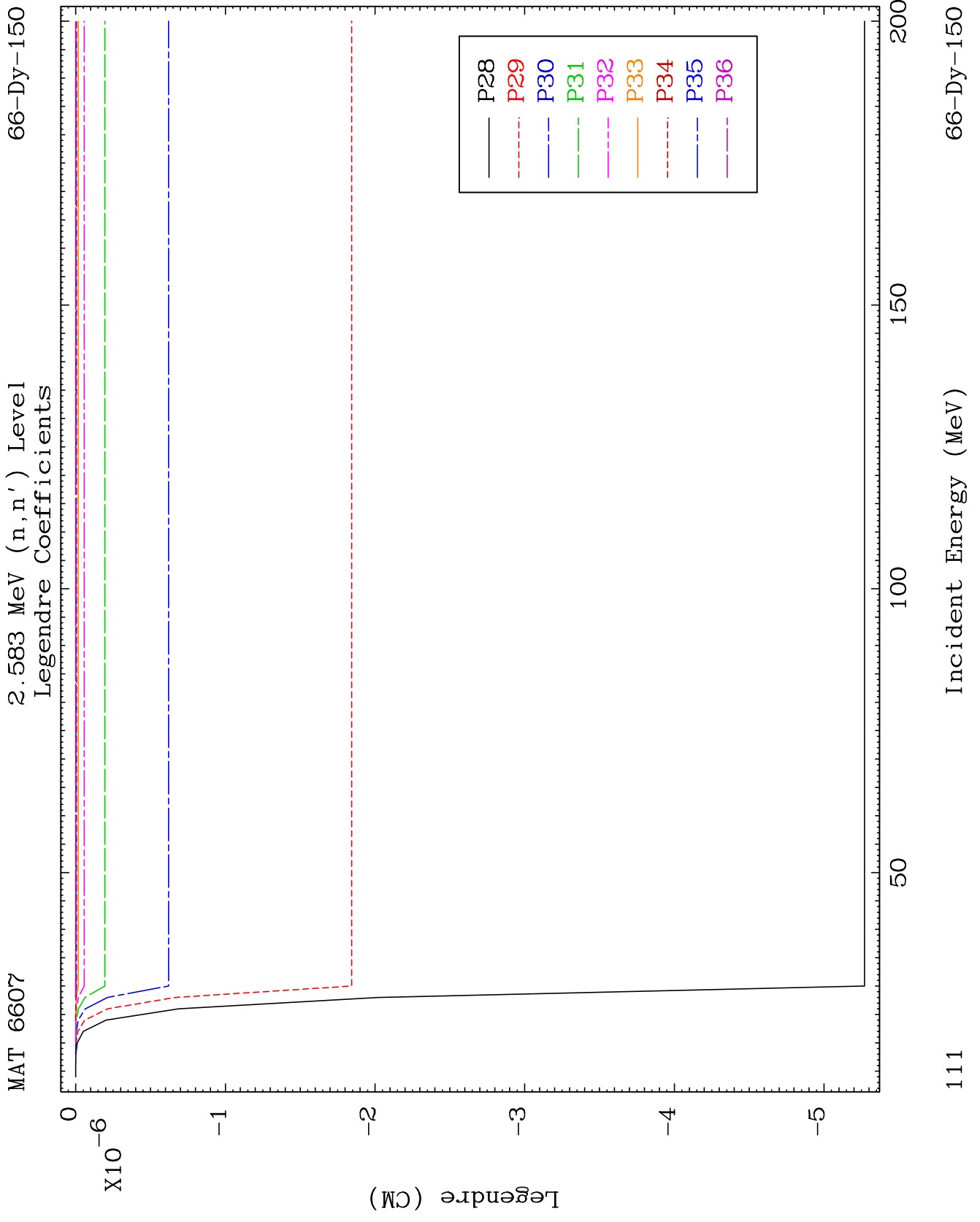




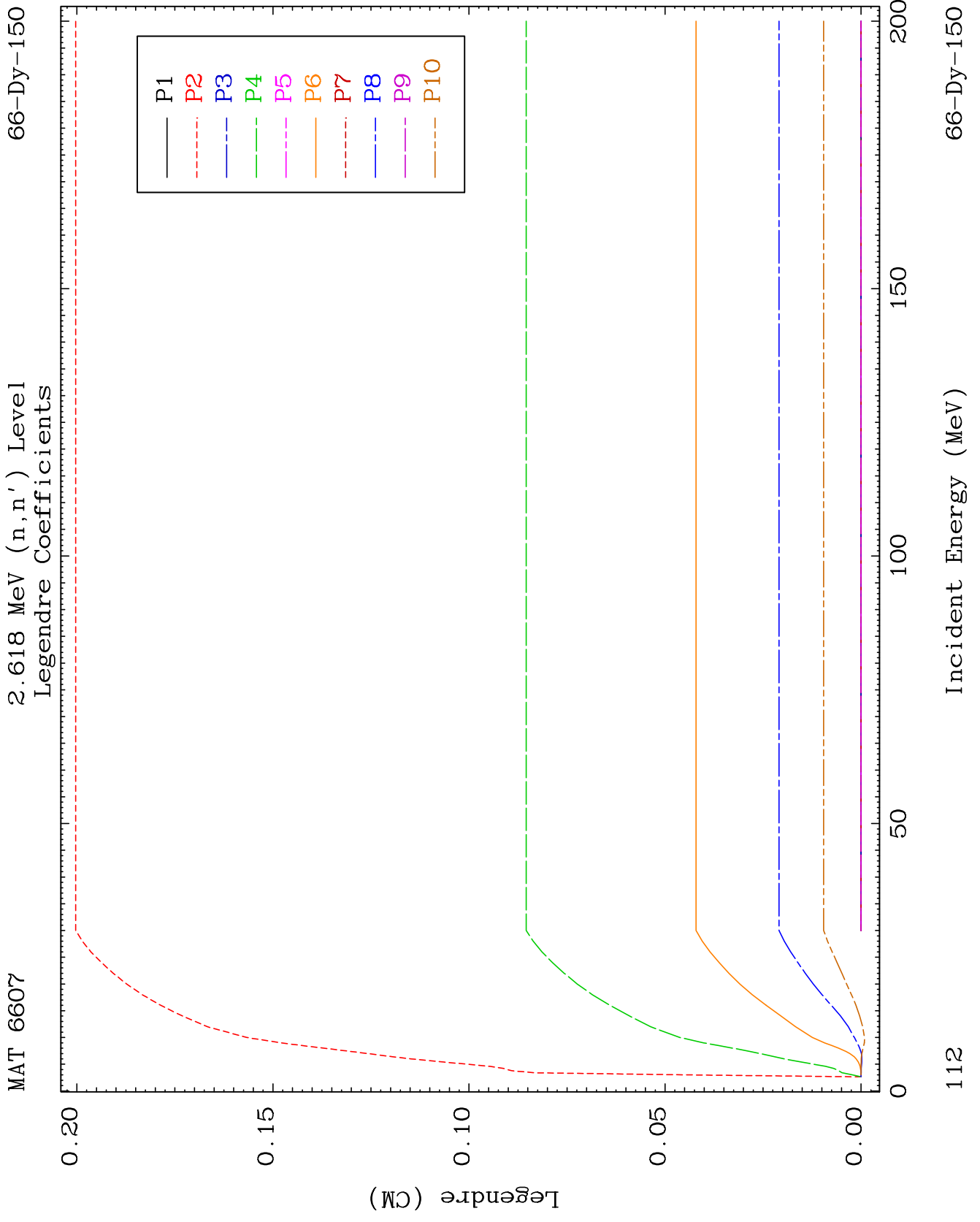




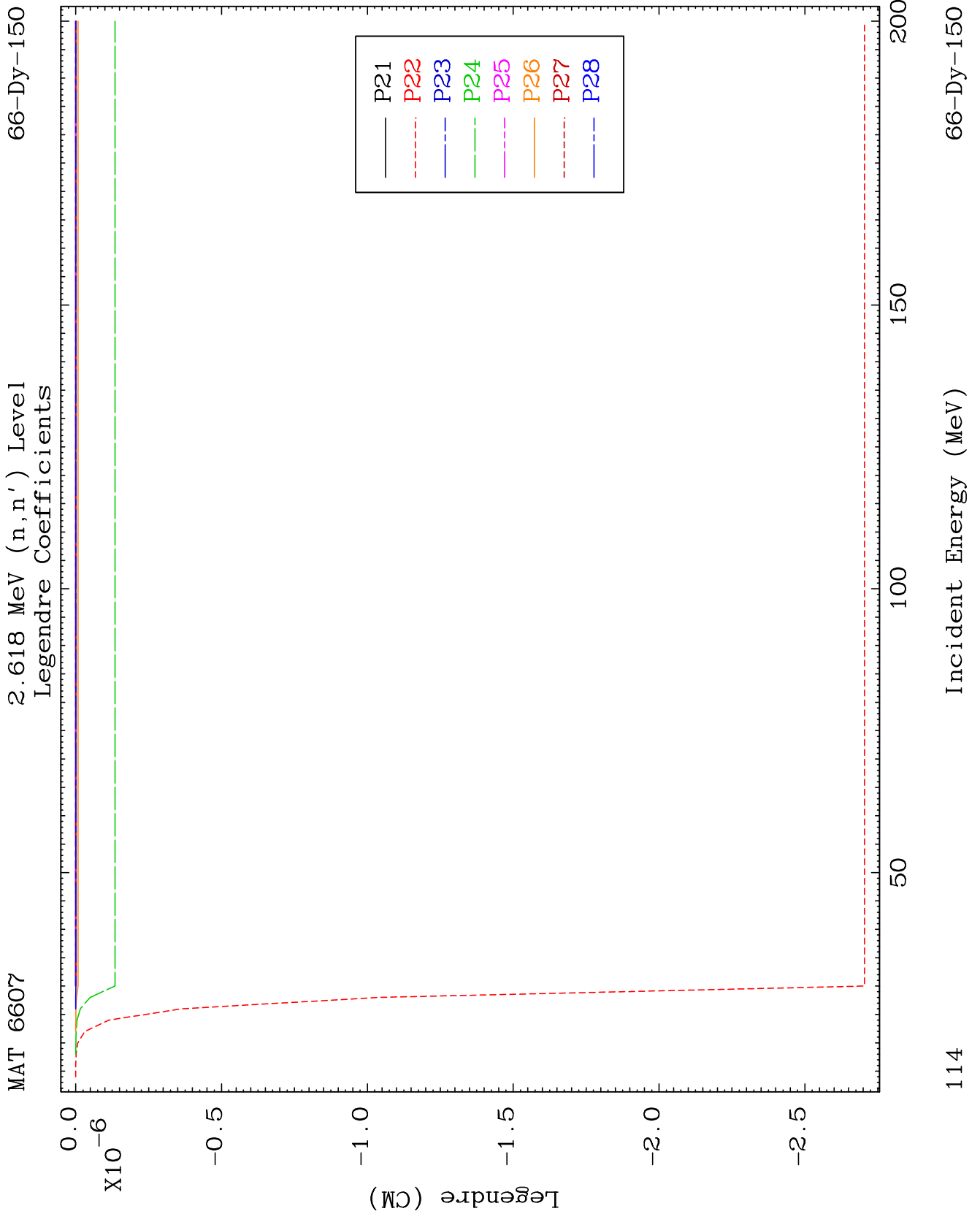






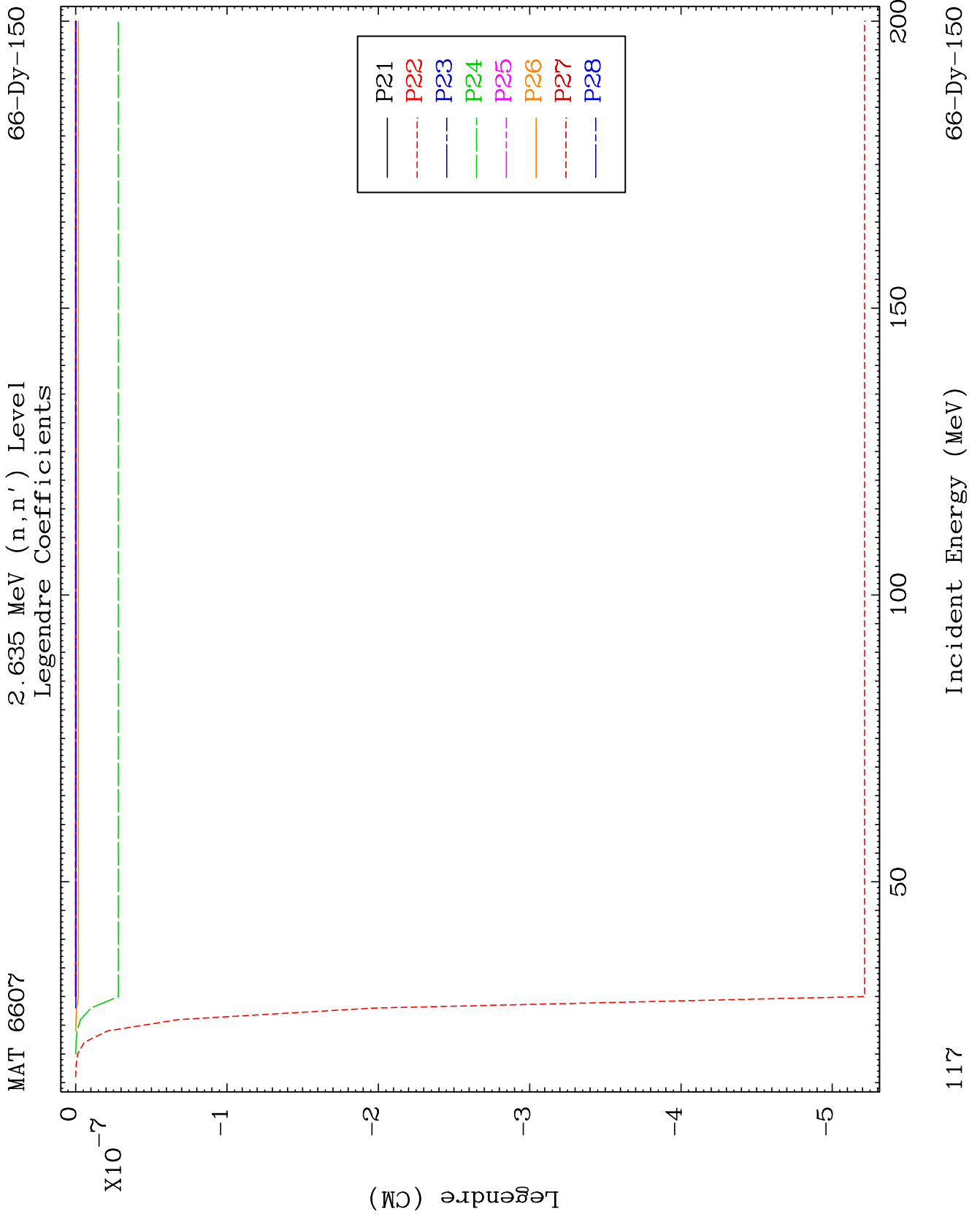


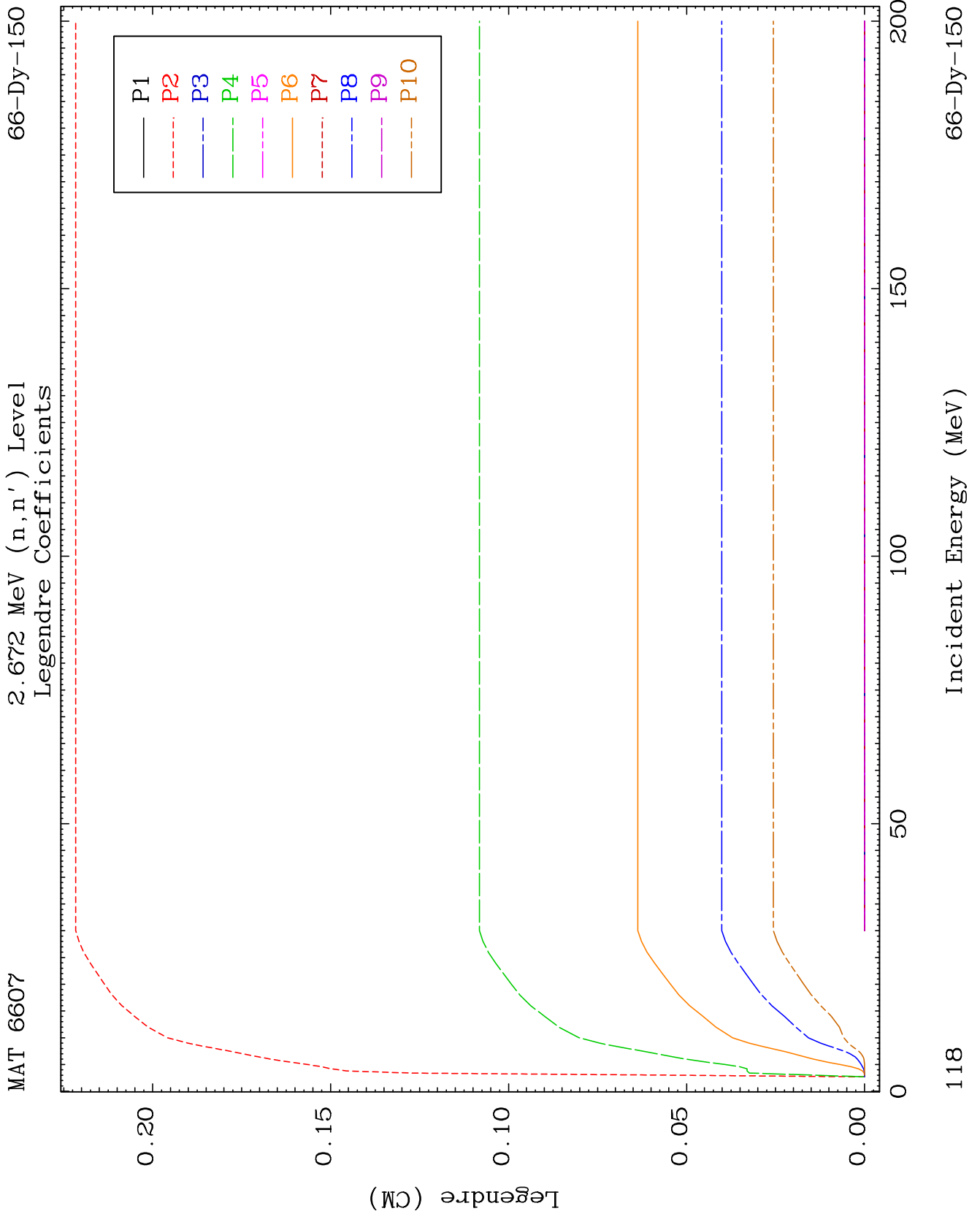


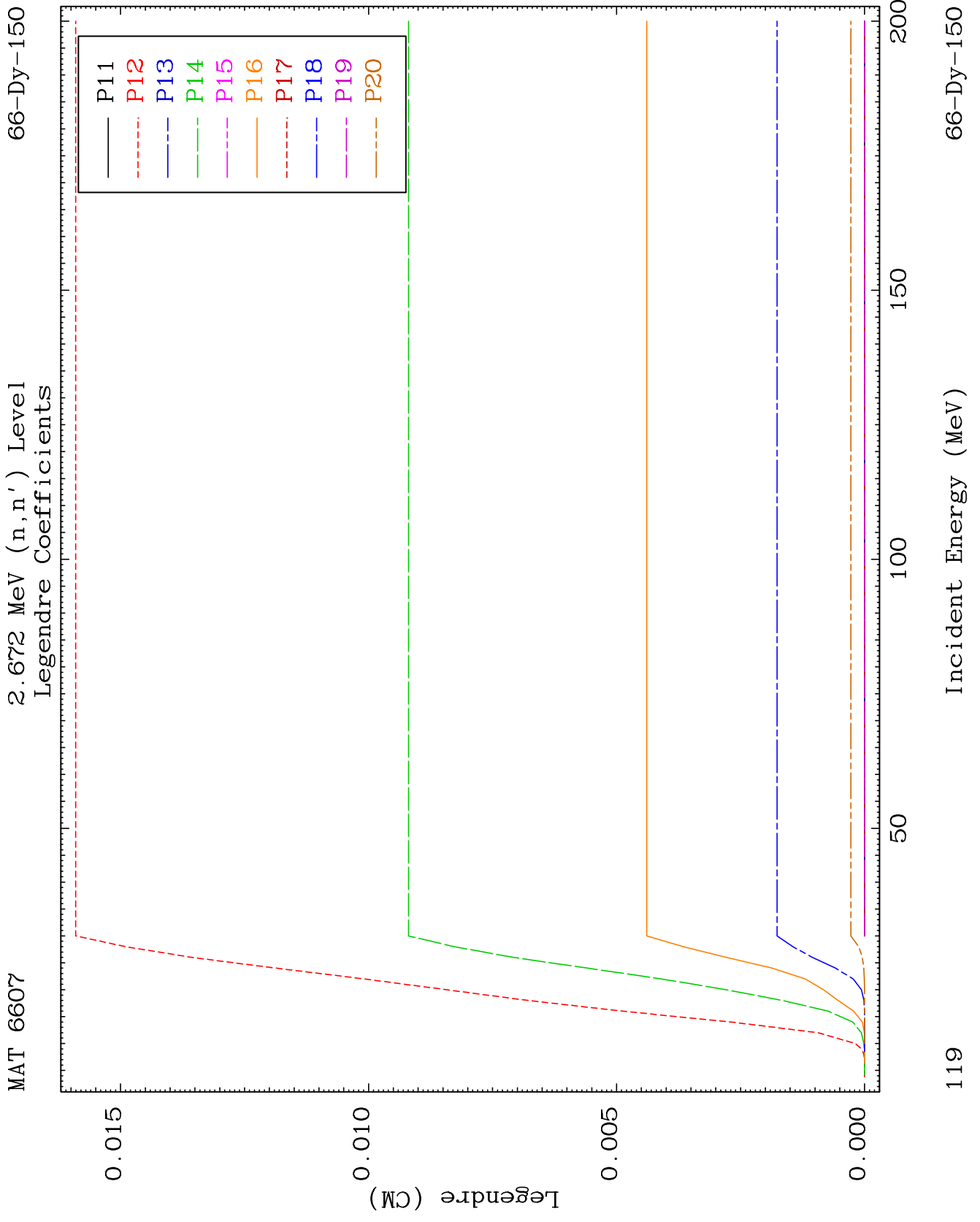




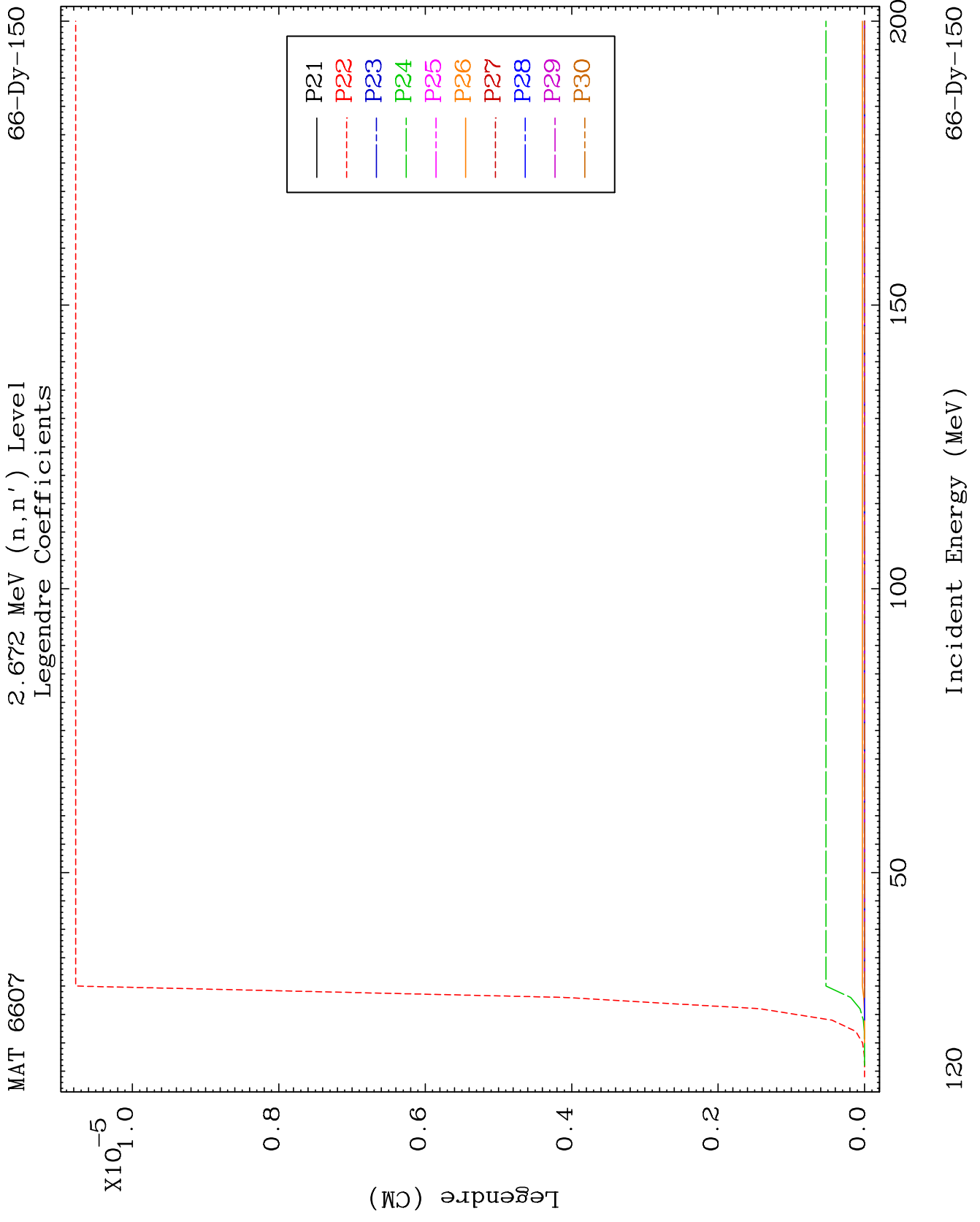




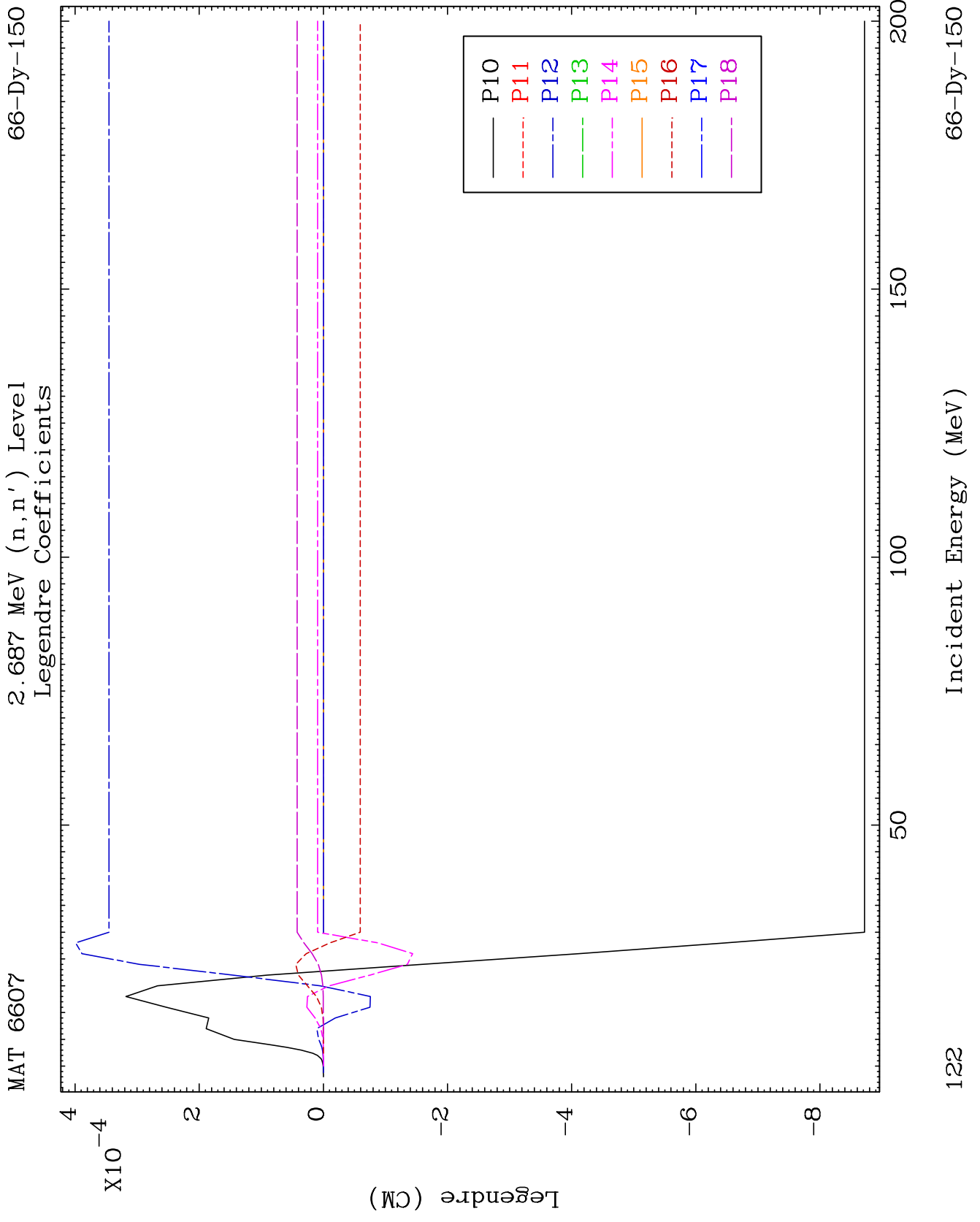


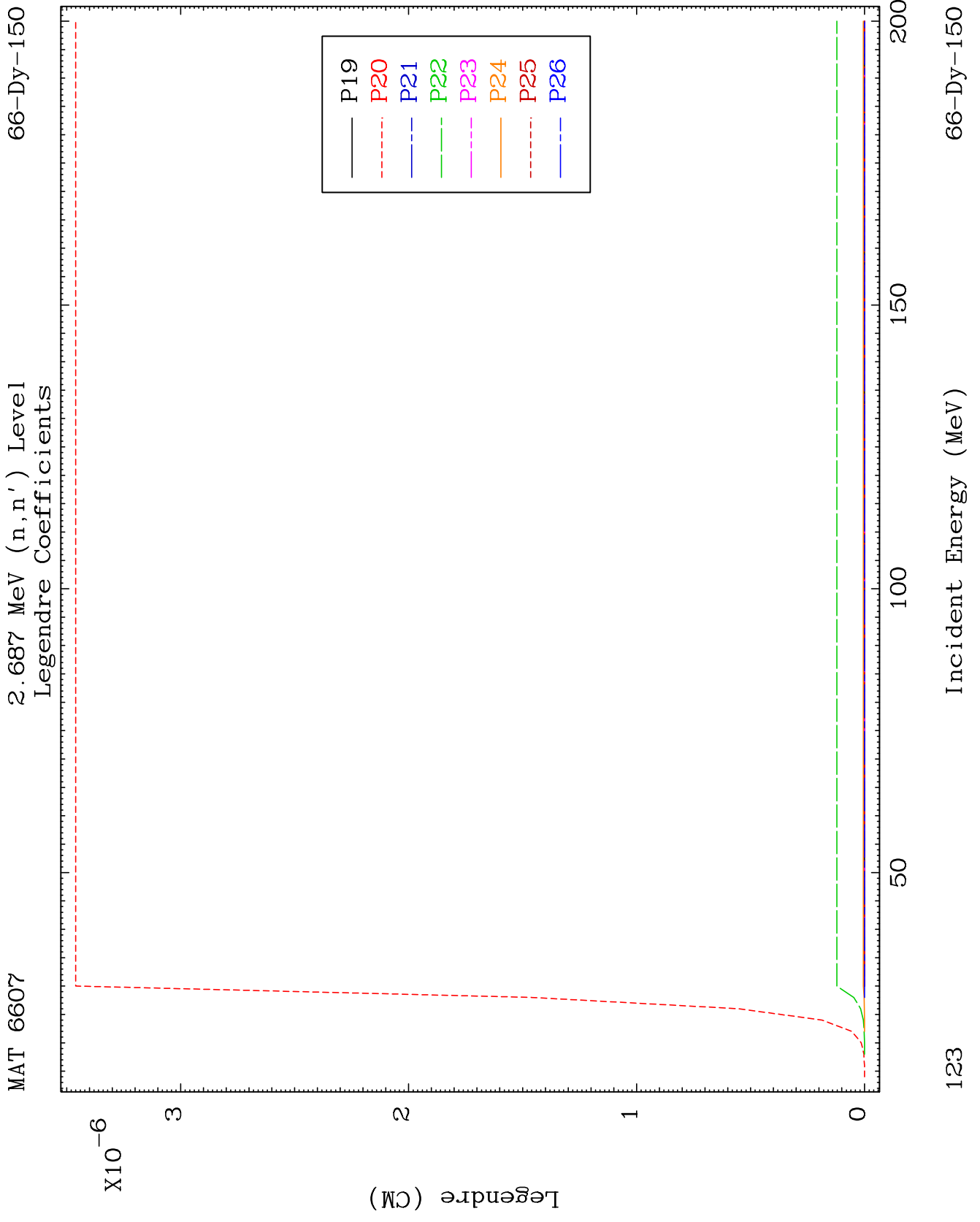
















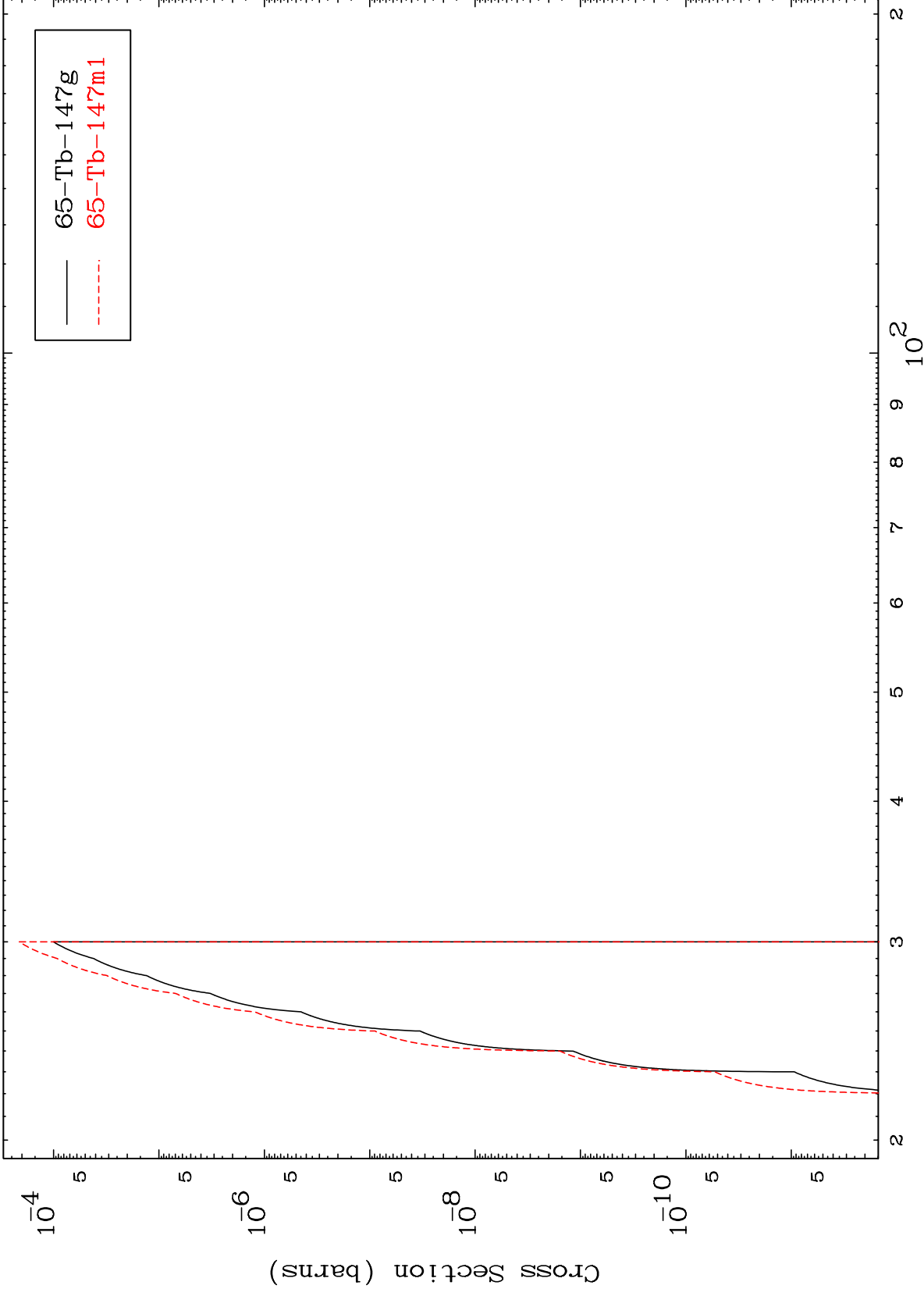


MAT 6607

(n,2n) d

66-Dy-150

Radionuclide Production Cross Section



127

Incident Energy (MeV)

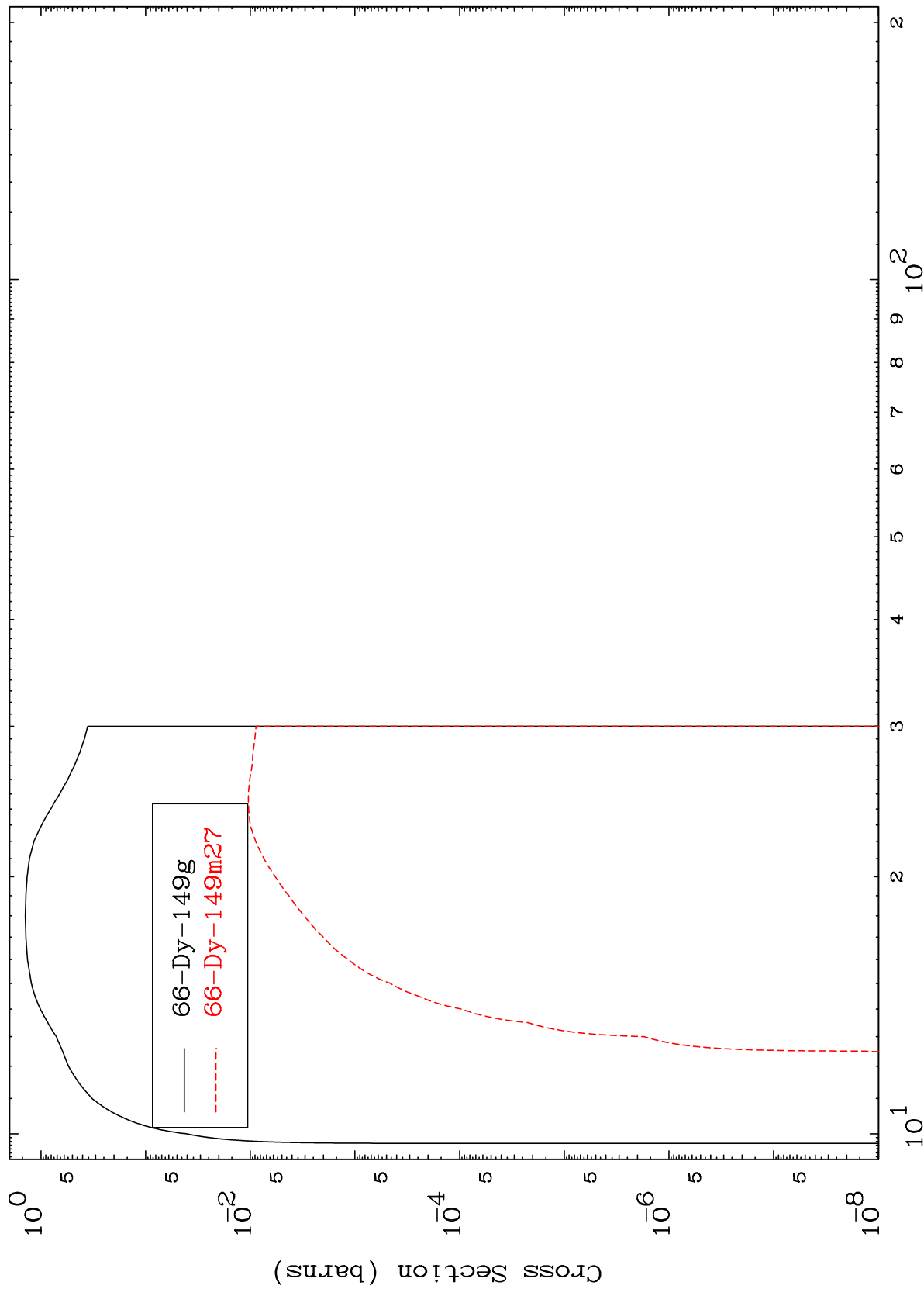
66-Dy-150



MAT 6607

66-Dy-150

(n,2n)  
Radionuclide Production Cross Section



66-Dy-150

Incident Energy (MeV)

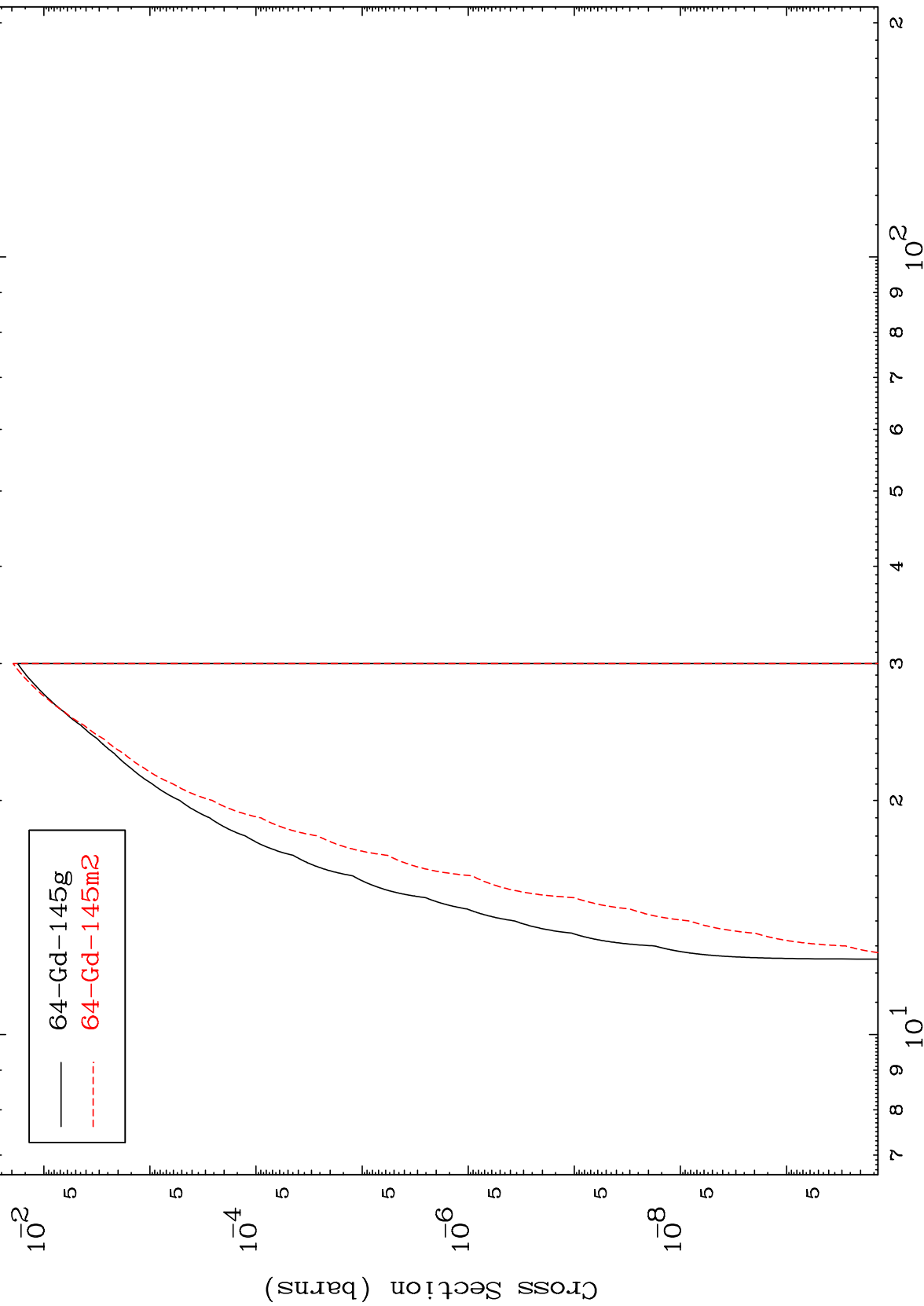
128

MAT 6607

(n,2n)  $\alpha$

66-Dy-150

Radionuclide Production Cross Section



129

Incident Energy (MeV)

66-Dy-150

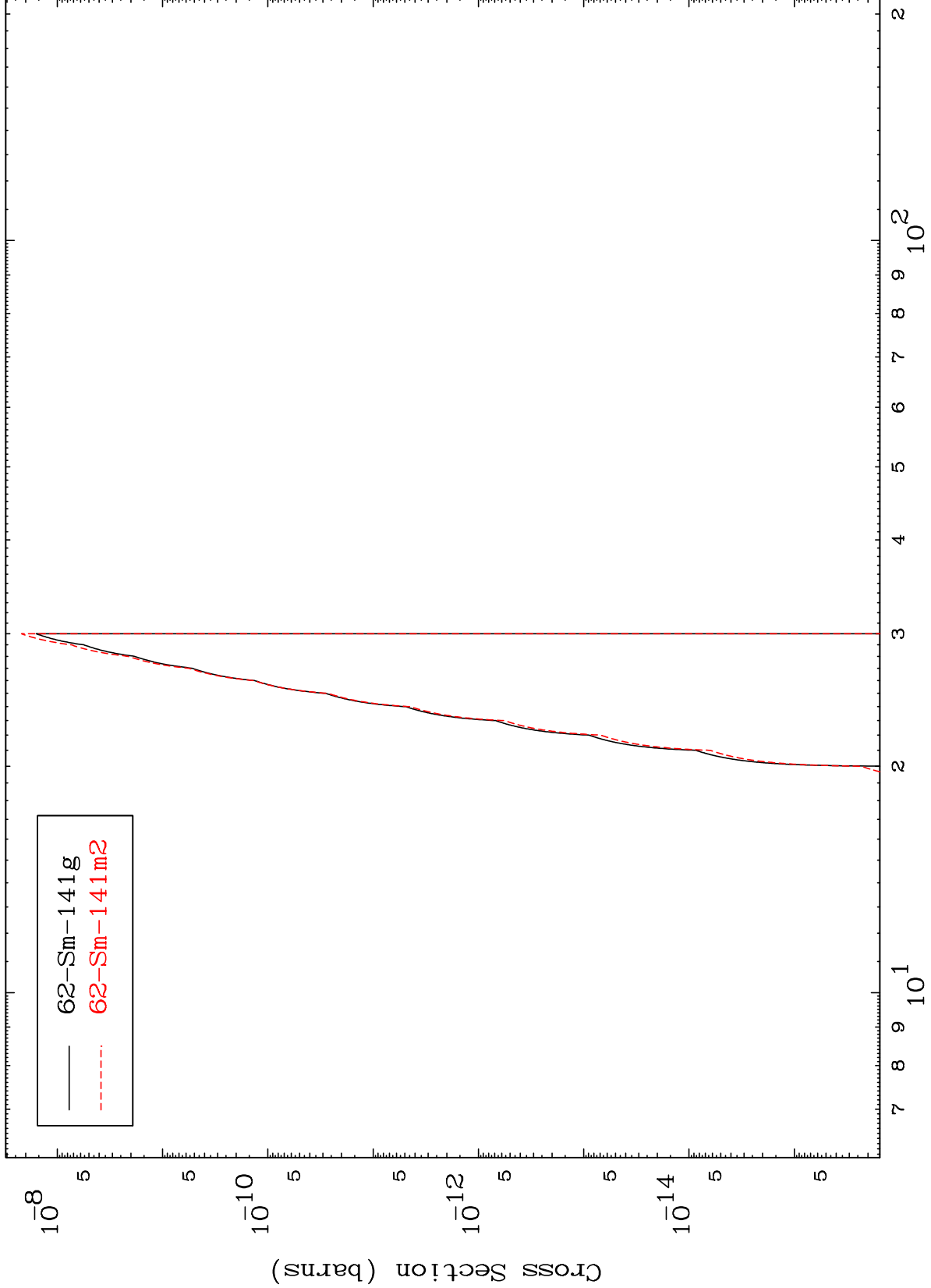


MAT 6607

(n,2n) 2α

66-Dy-150

Radionuclide Production Cross Section



62-Sm-141 g  
62-Sm-141 m<sup>2</sup>

131

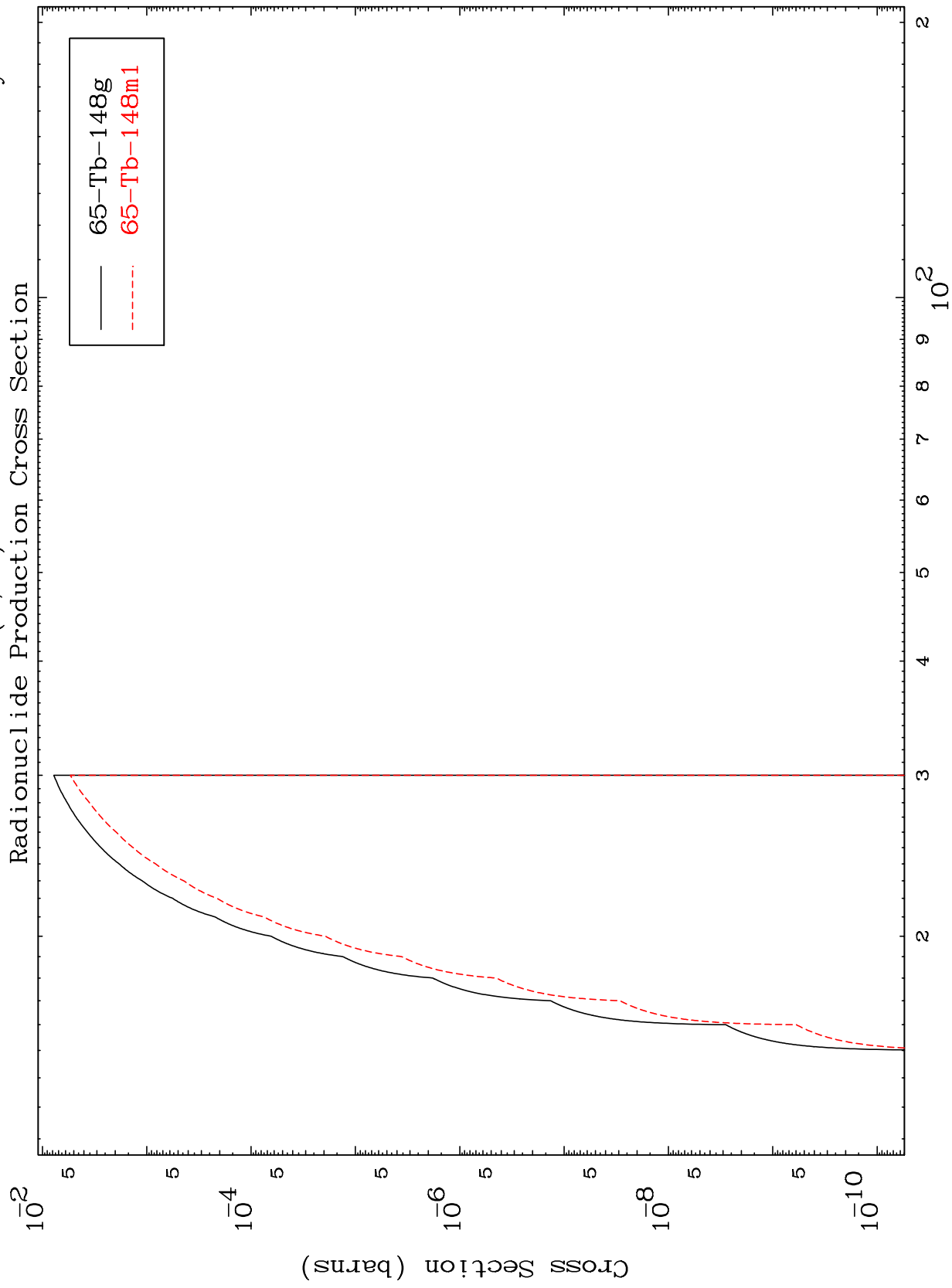
Incident Energy (MeV)

66-Dy-150

MAT 6607

(n,n') d

66-Dy-150



132

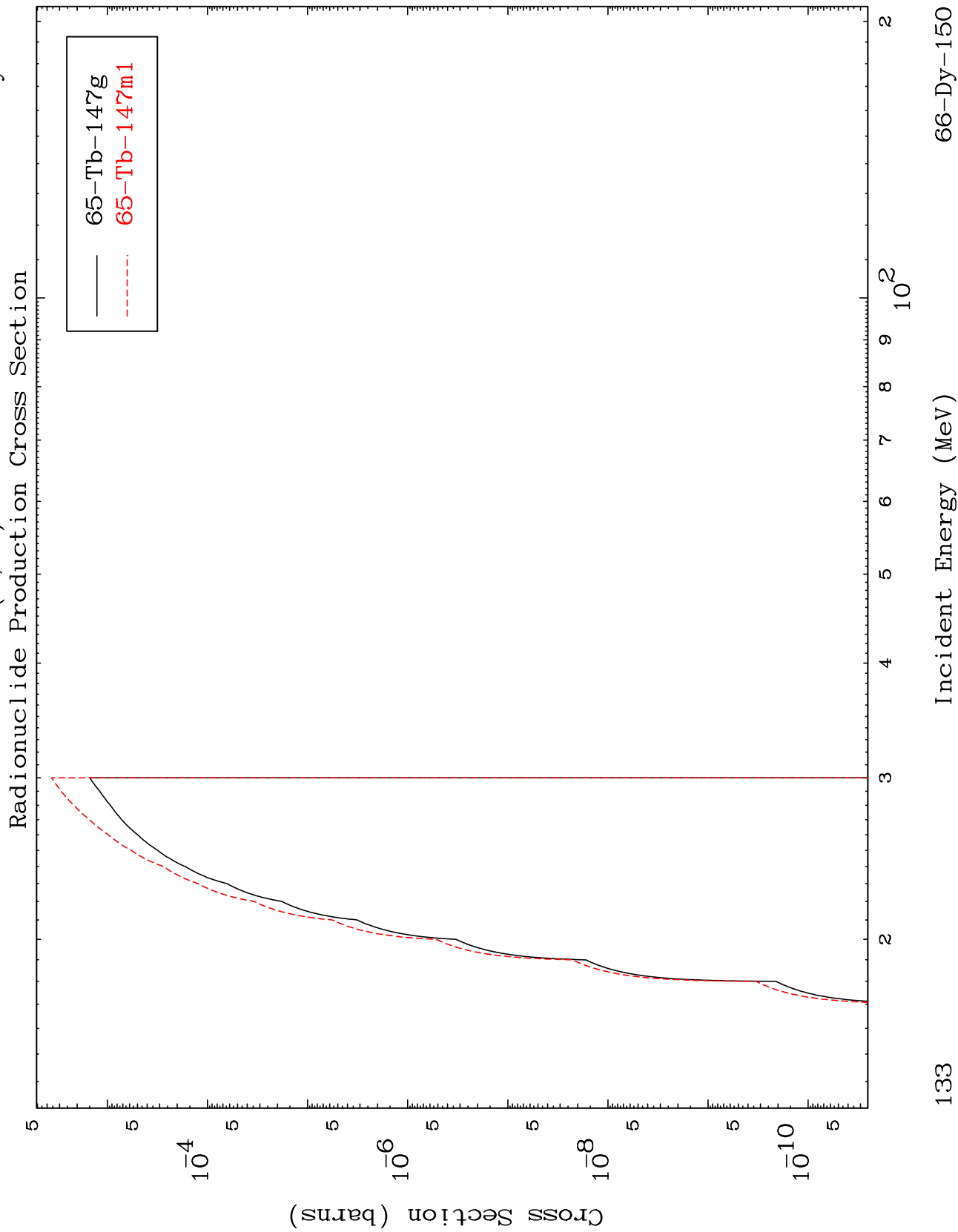
Incident Energy (MeV)

66-Dy-150

MAT 6607

(n,n') t

66-Dy-150



133

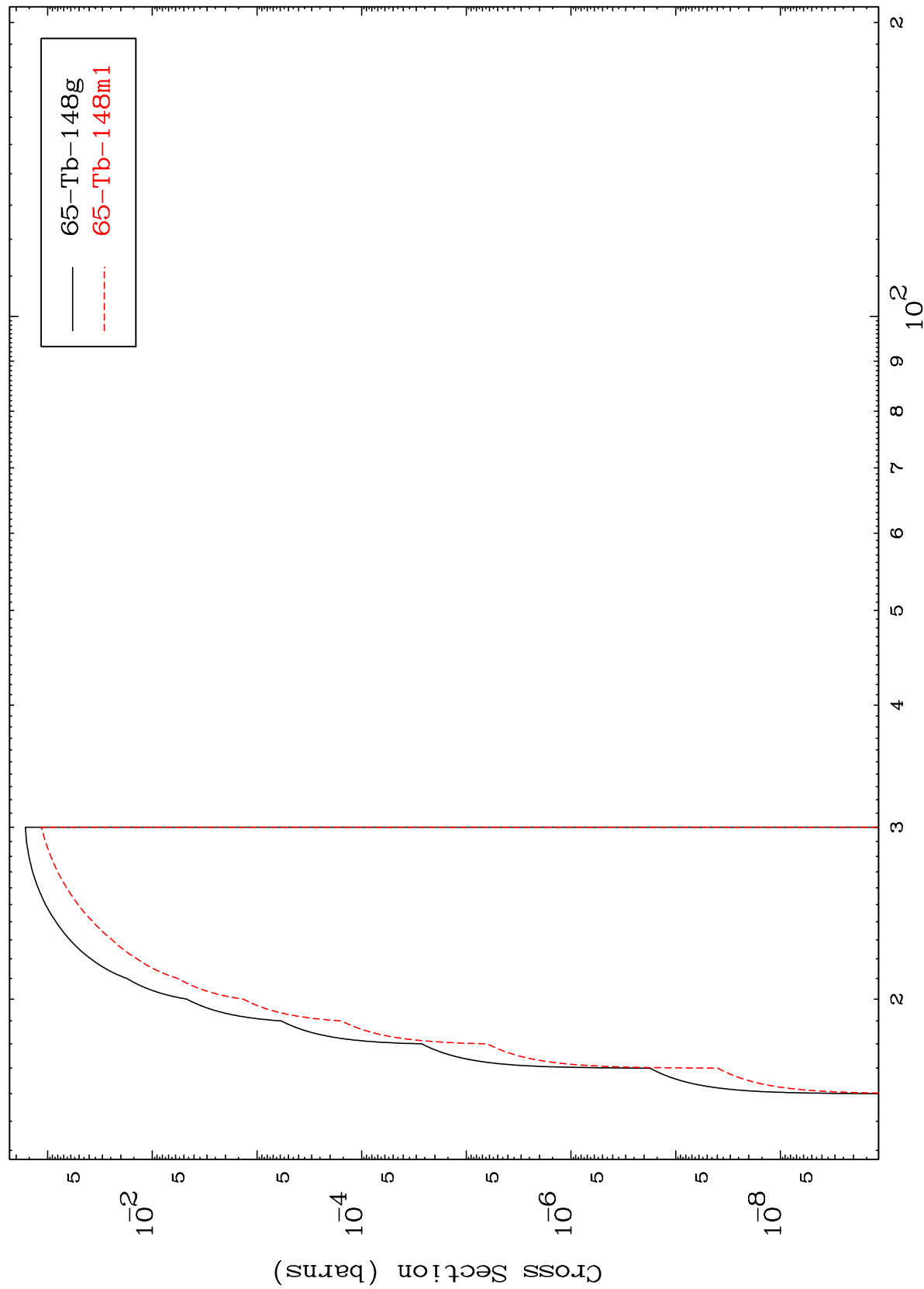
66-Dy-150

MAT 6607

(n,2n) p

66-Dy-150

Radionuclide Production Cross Section



65-Tb-148g  
65-Tb-148m1

134

Incident Energy (MeV)

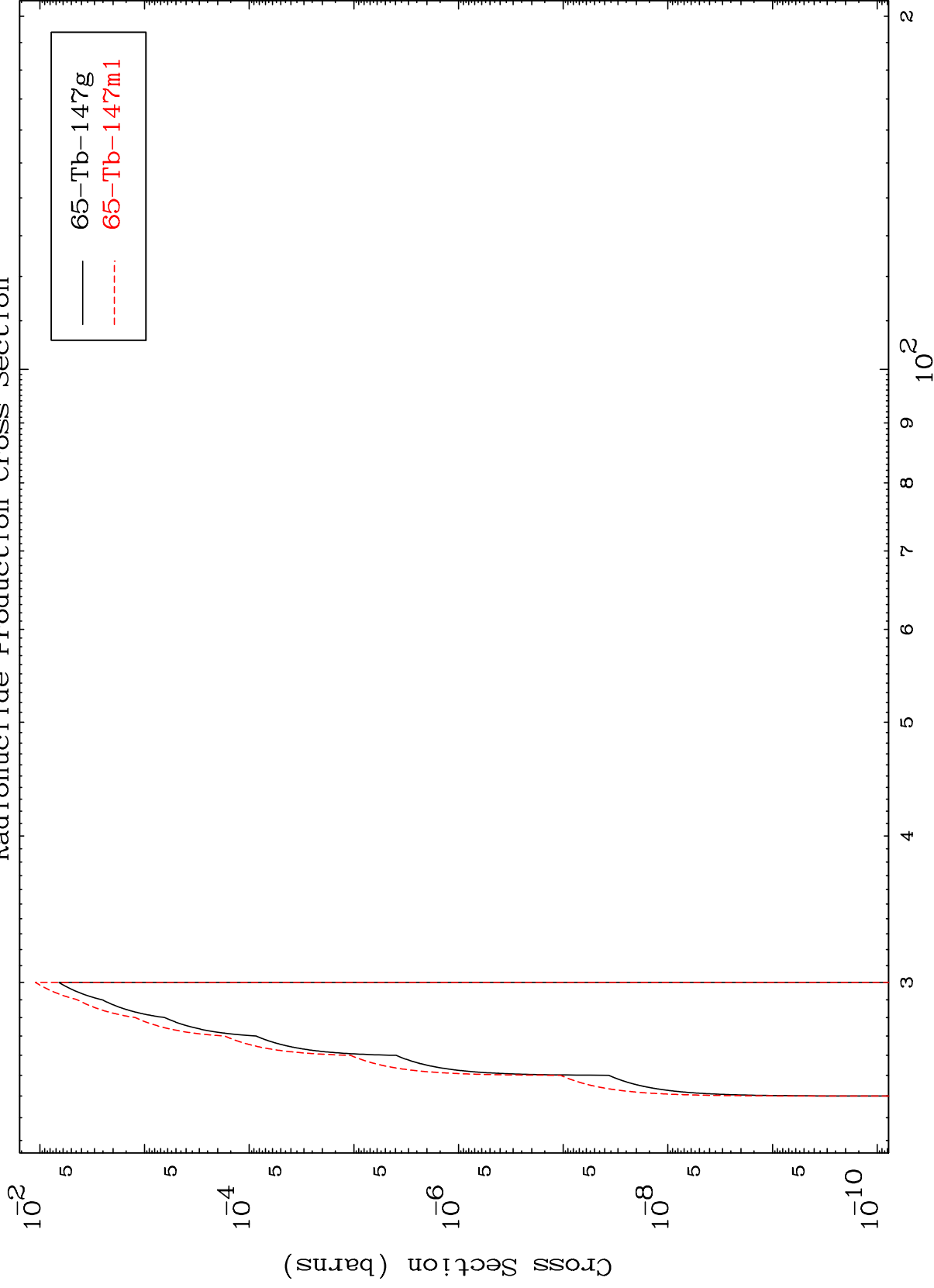
66-Dy-150

MAT 6607

(n,3n) p

66-Dy-150

Radionuclide Production Cross Section



135

Incident Energy (MeV)

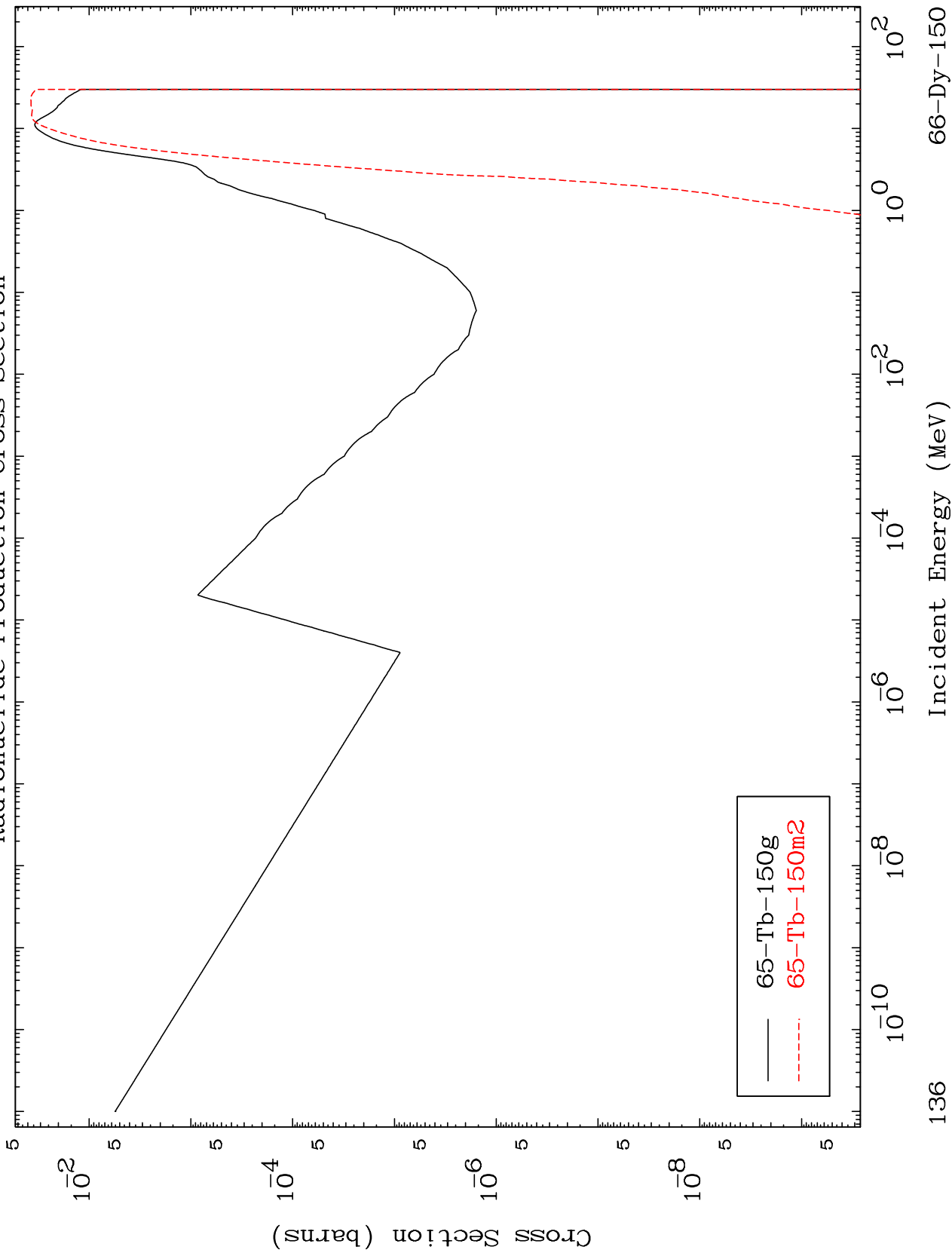
66-Dy-150



MAT 6607

66-Dy-150

(n,p)  
Radionuclide Production Cross Section



136

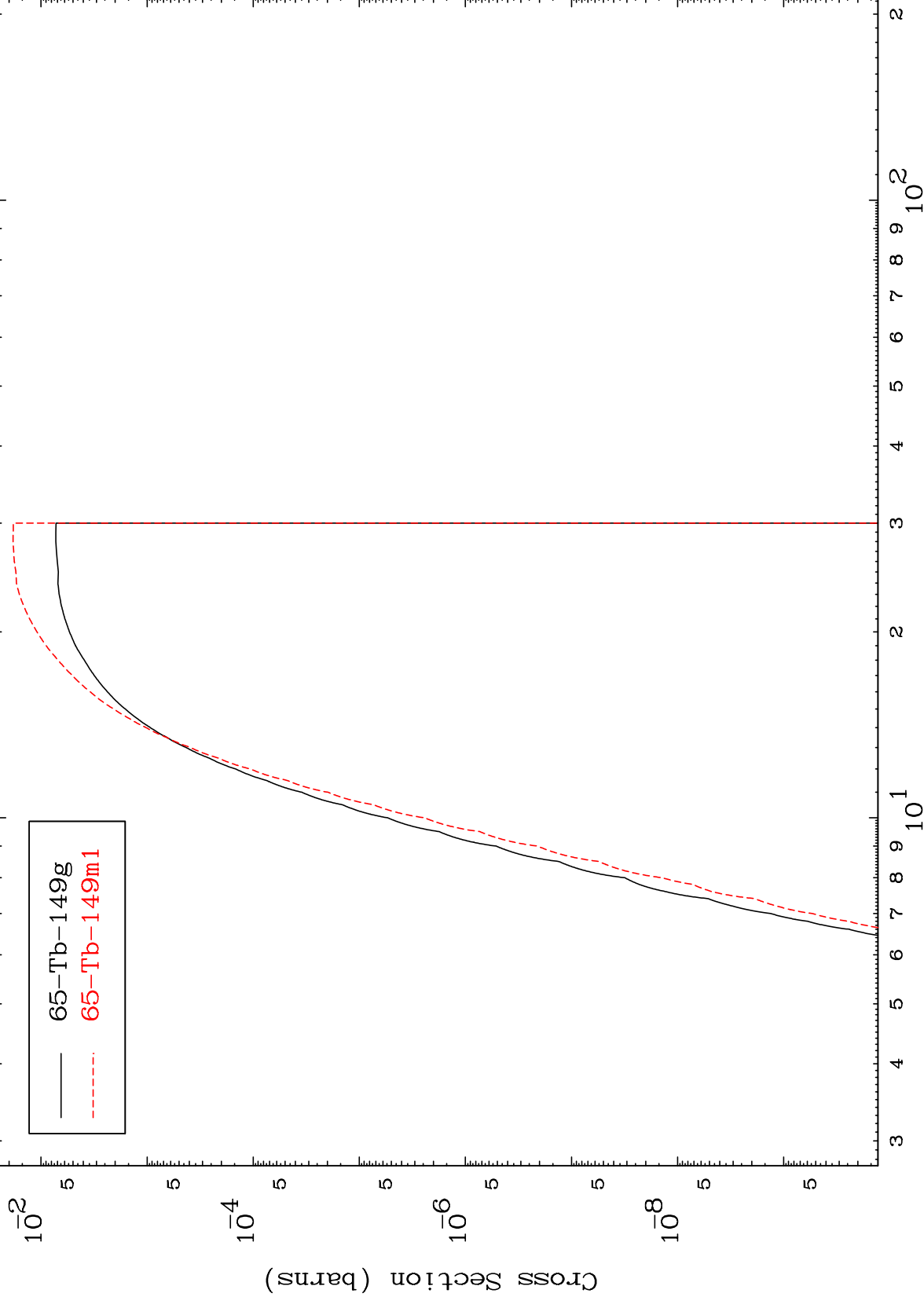
66-Dy-150

Incident Energy (MeV)

MAT 6607

66-Dy-150

(n,d)  
Radionuclide Production Cross Section



— 65-Tb-149g  
- - - 65-Tb-149m1

137

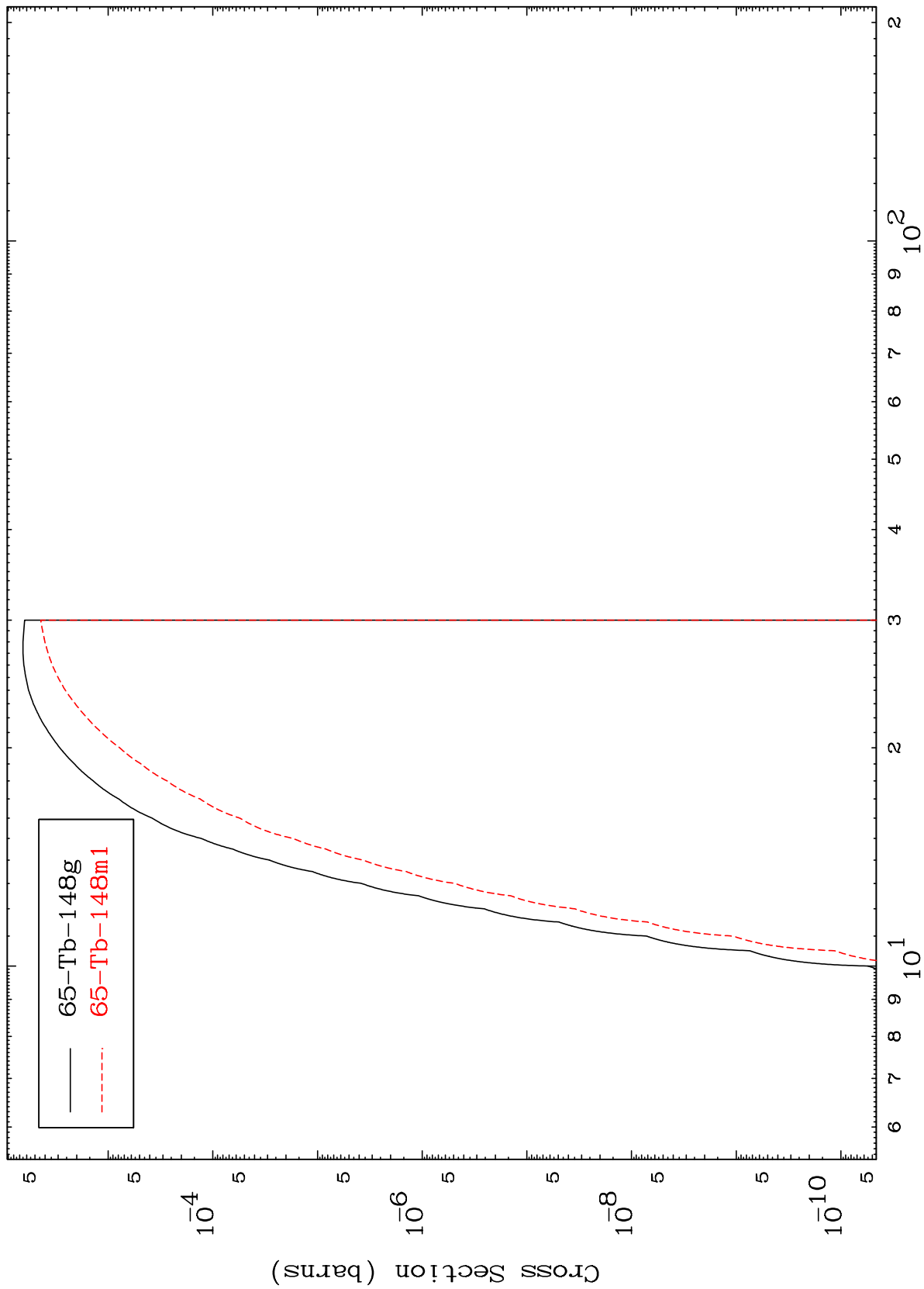
Incident Energy (MeV)

66-Dy-150

MAT 6607

66-Dy-150

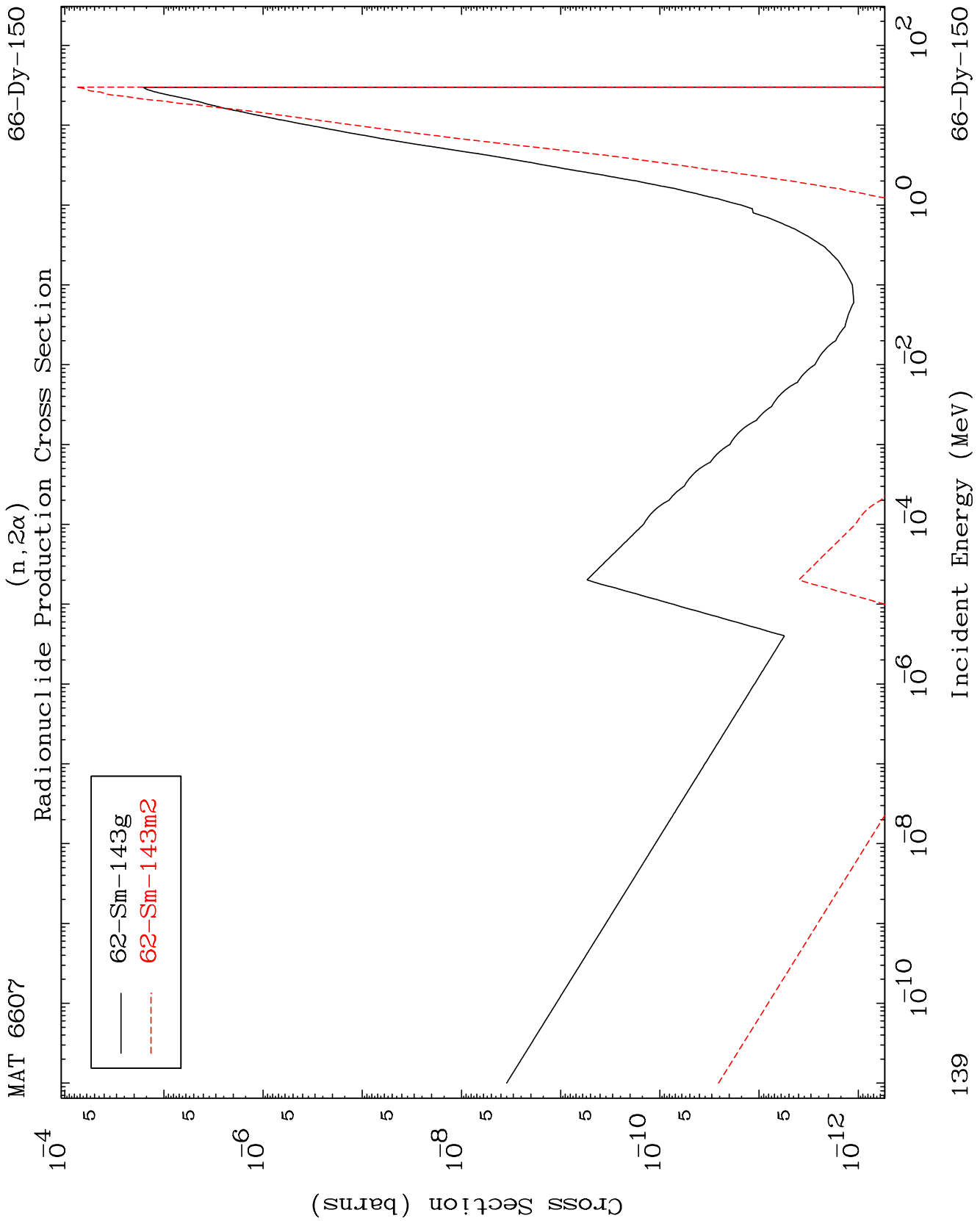
Radionuclide Production Cross Section



66-Dy-150

Incident Energy (MeV)

138



MAT 6607

(n,3α)

66-Dy-150

Radionuclide Production Cross Section

