

Program EVALPLOT  
(Version 2015-2)

by

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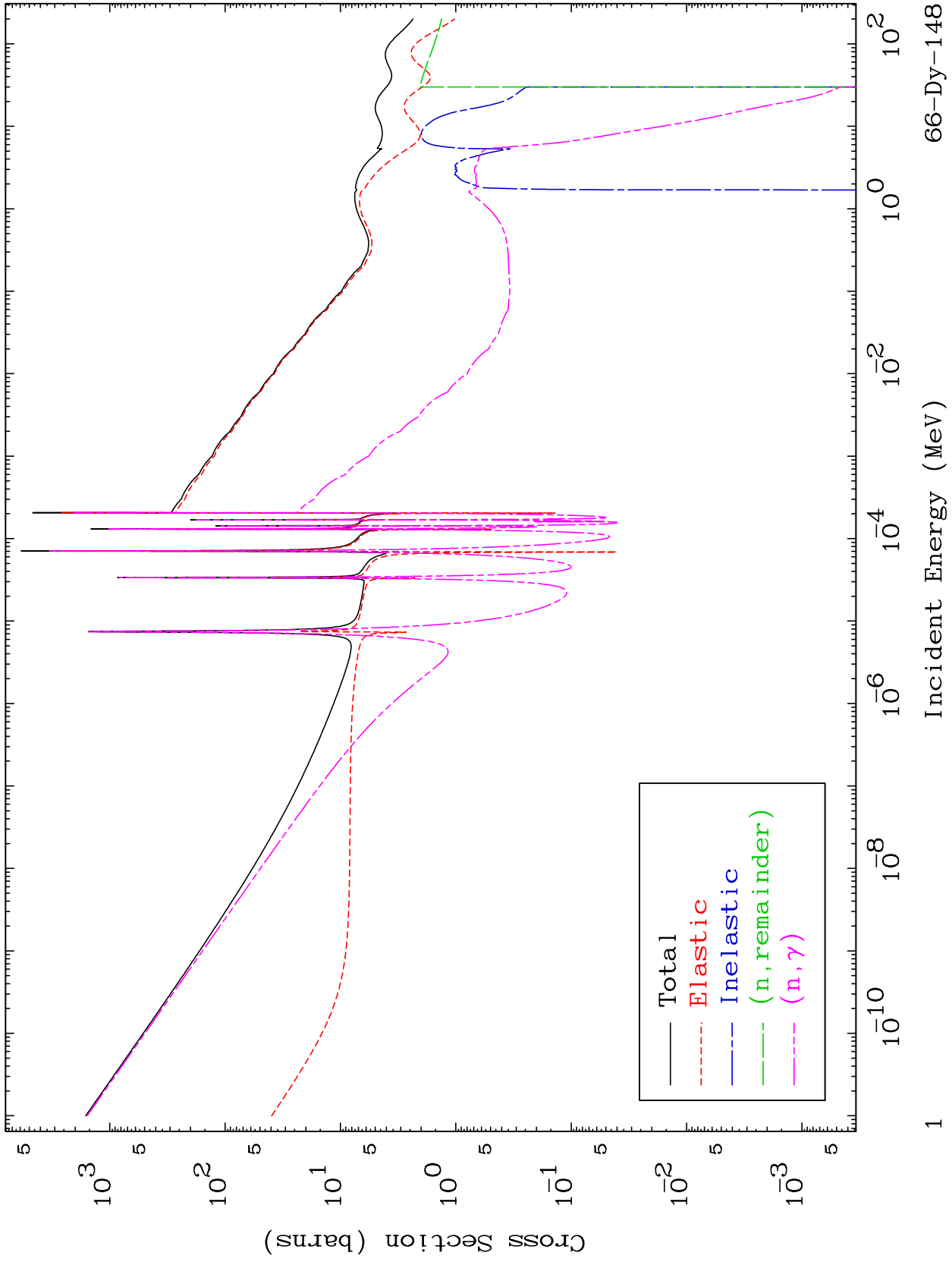
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6601

Major  
293 Kelvin Cross Sections

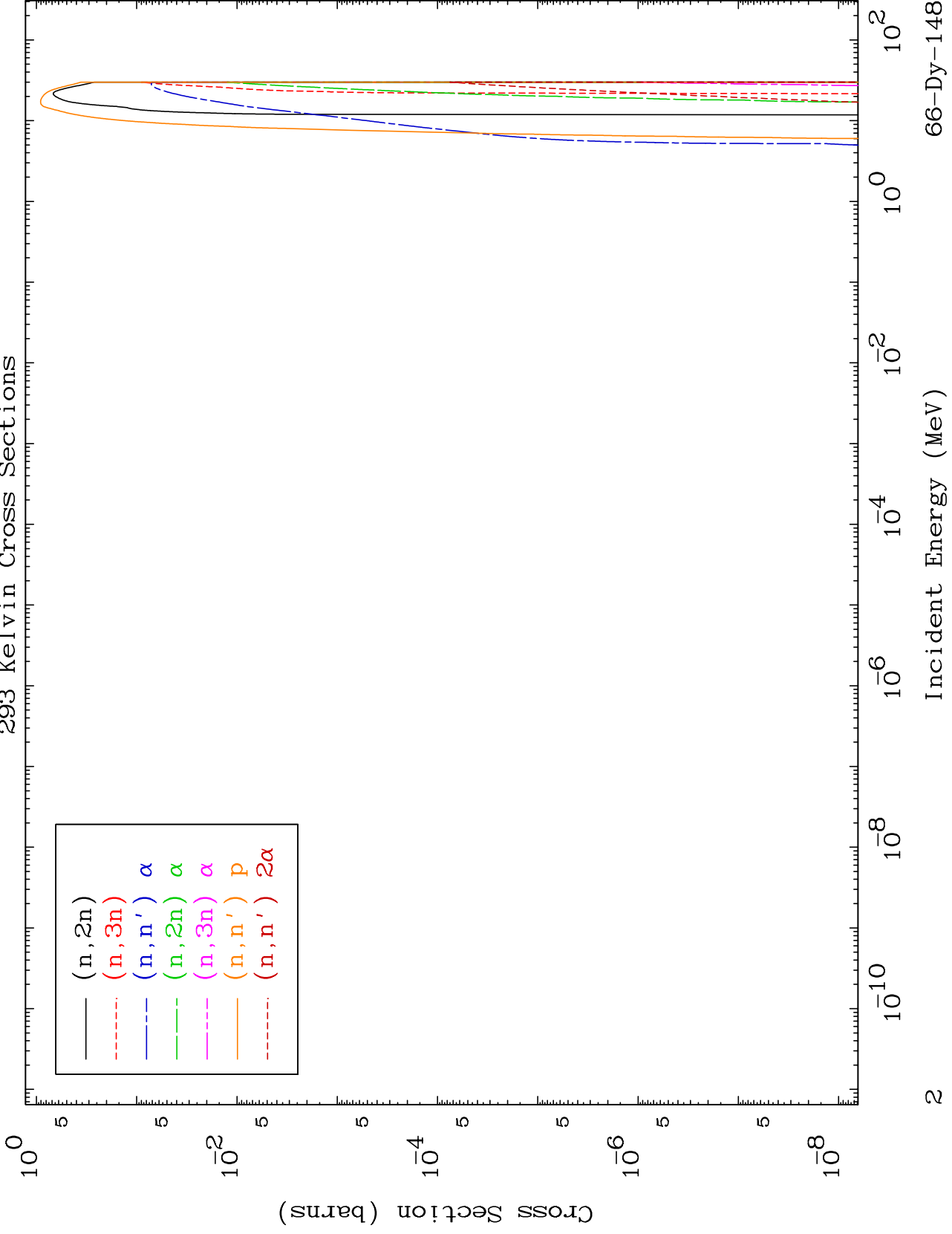
66-Dy-148

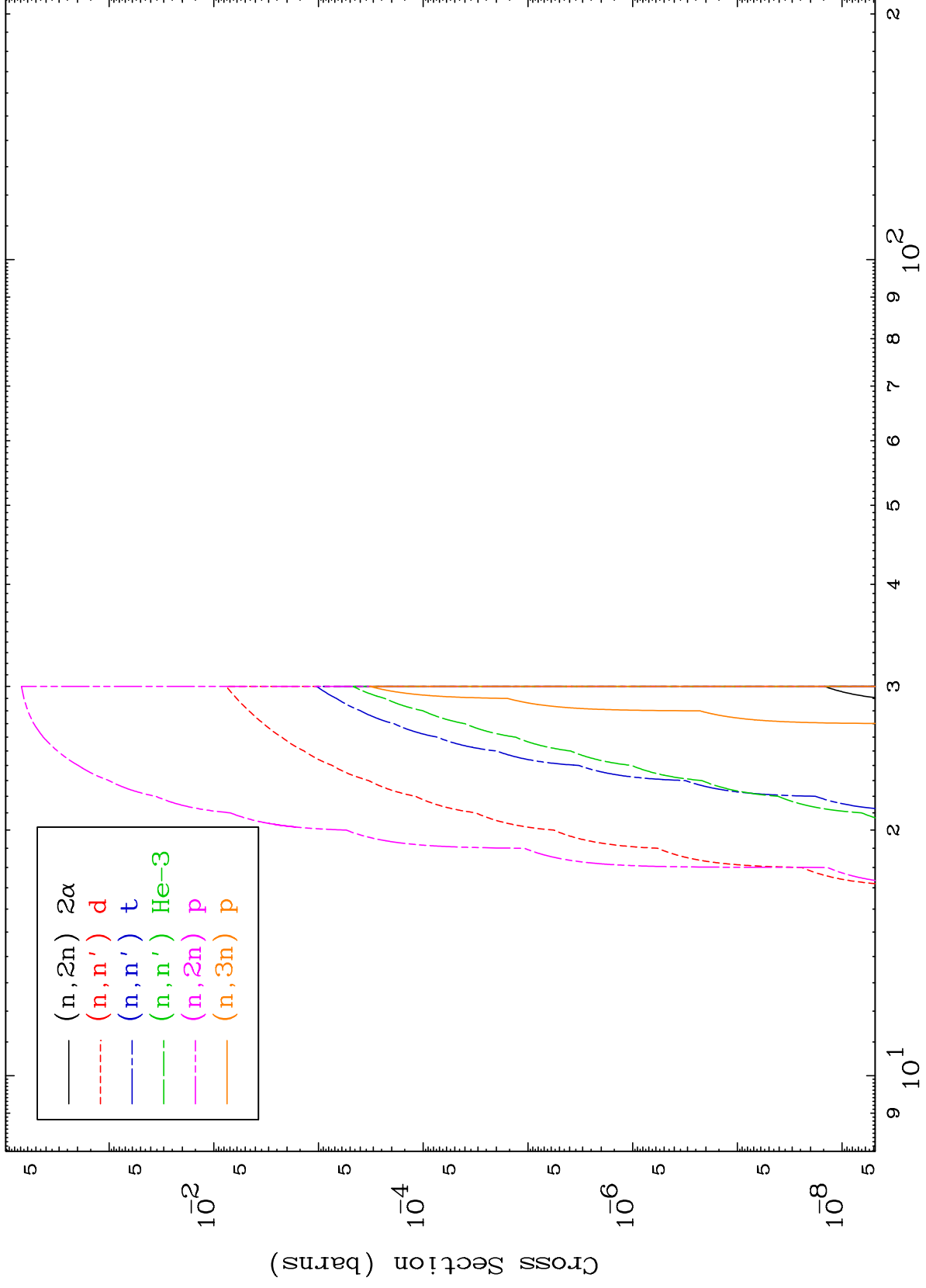


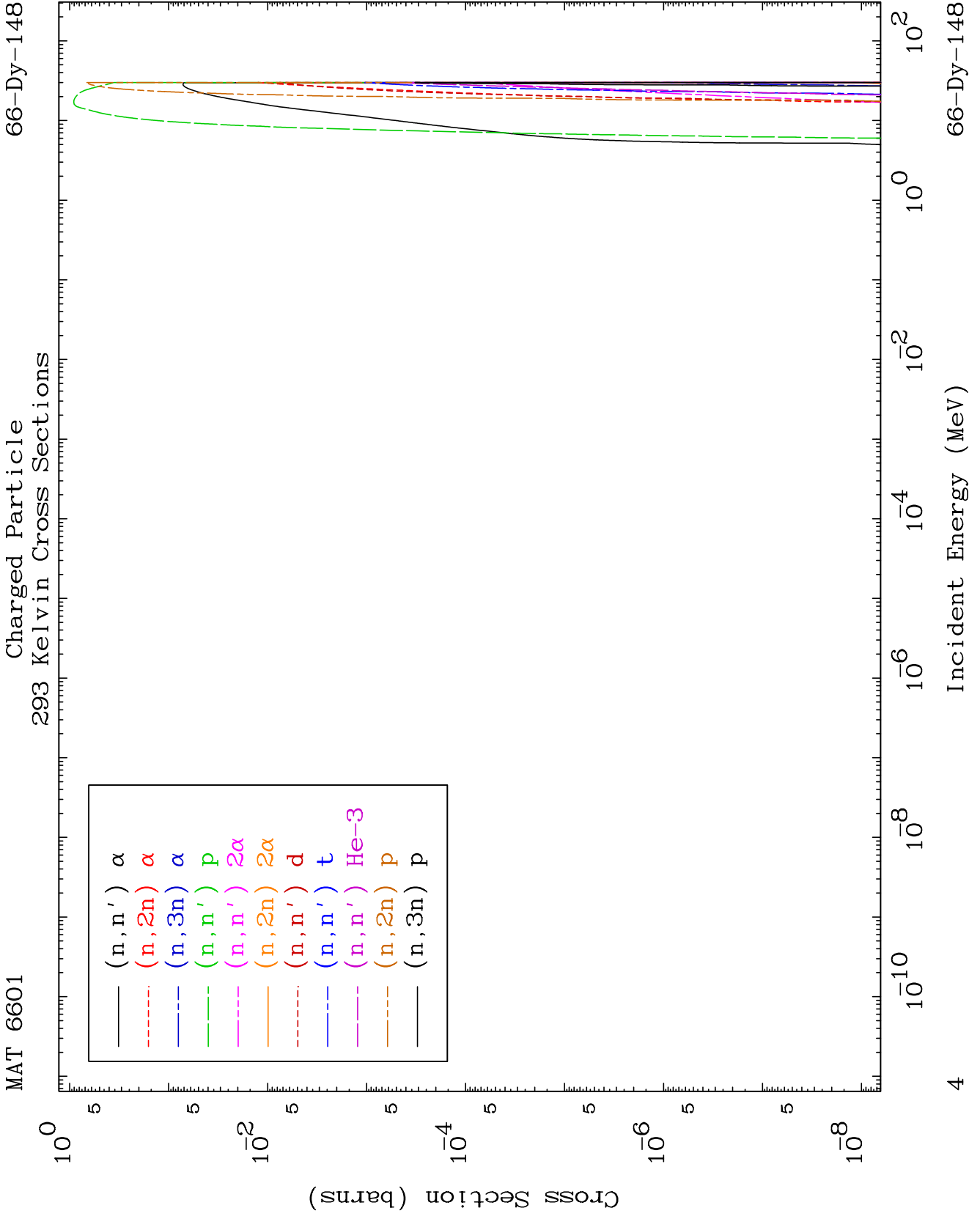
MAT 6601

Neutron Production  
293 Kelvin Cross Sections

66-Dy-148



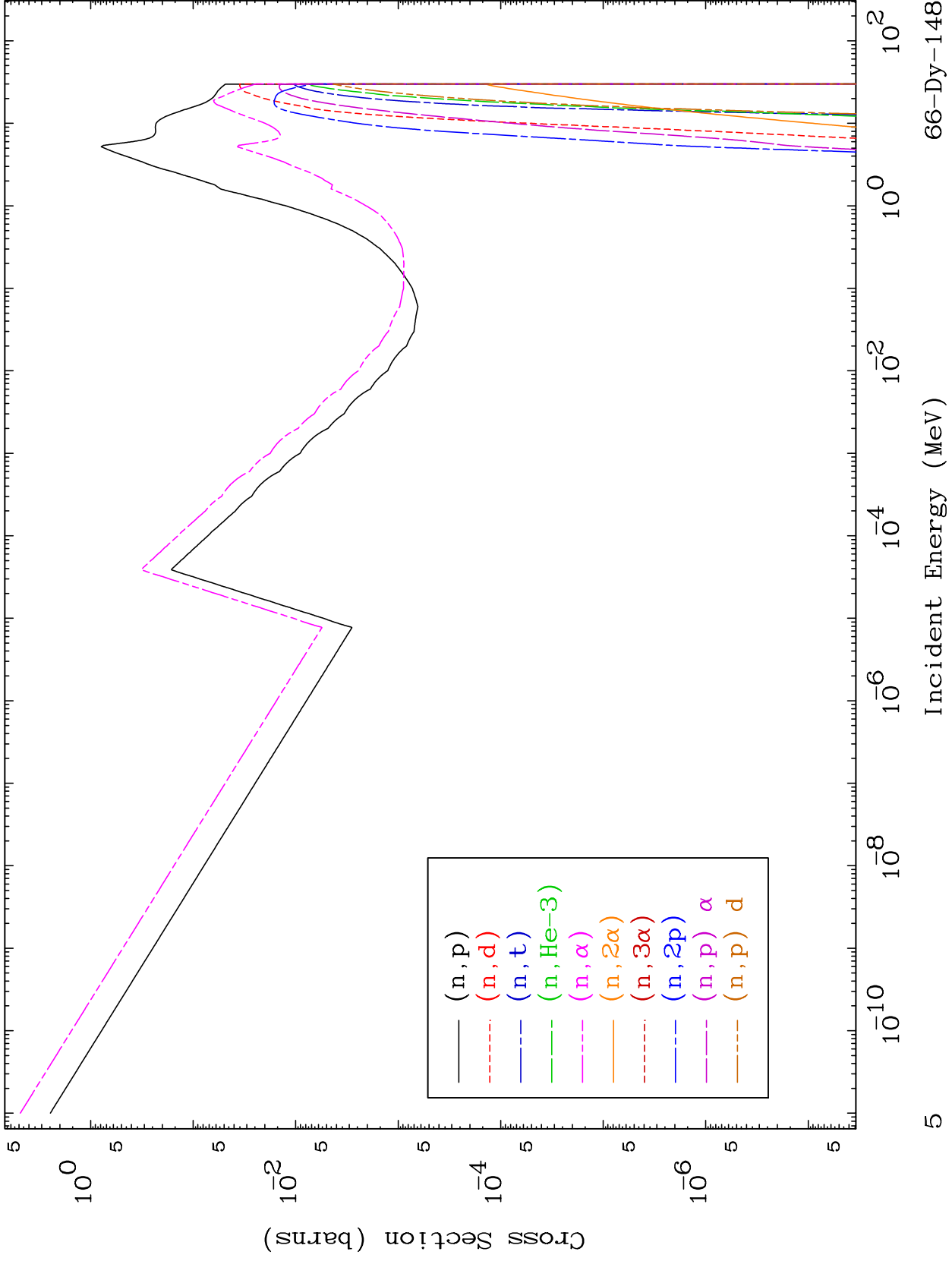




MAT 6601

Charged Particle  
293 Kelvin Cross Sections

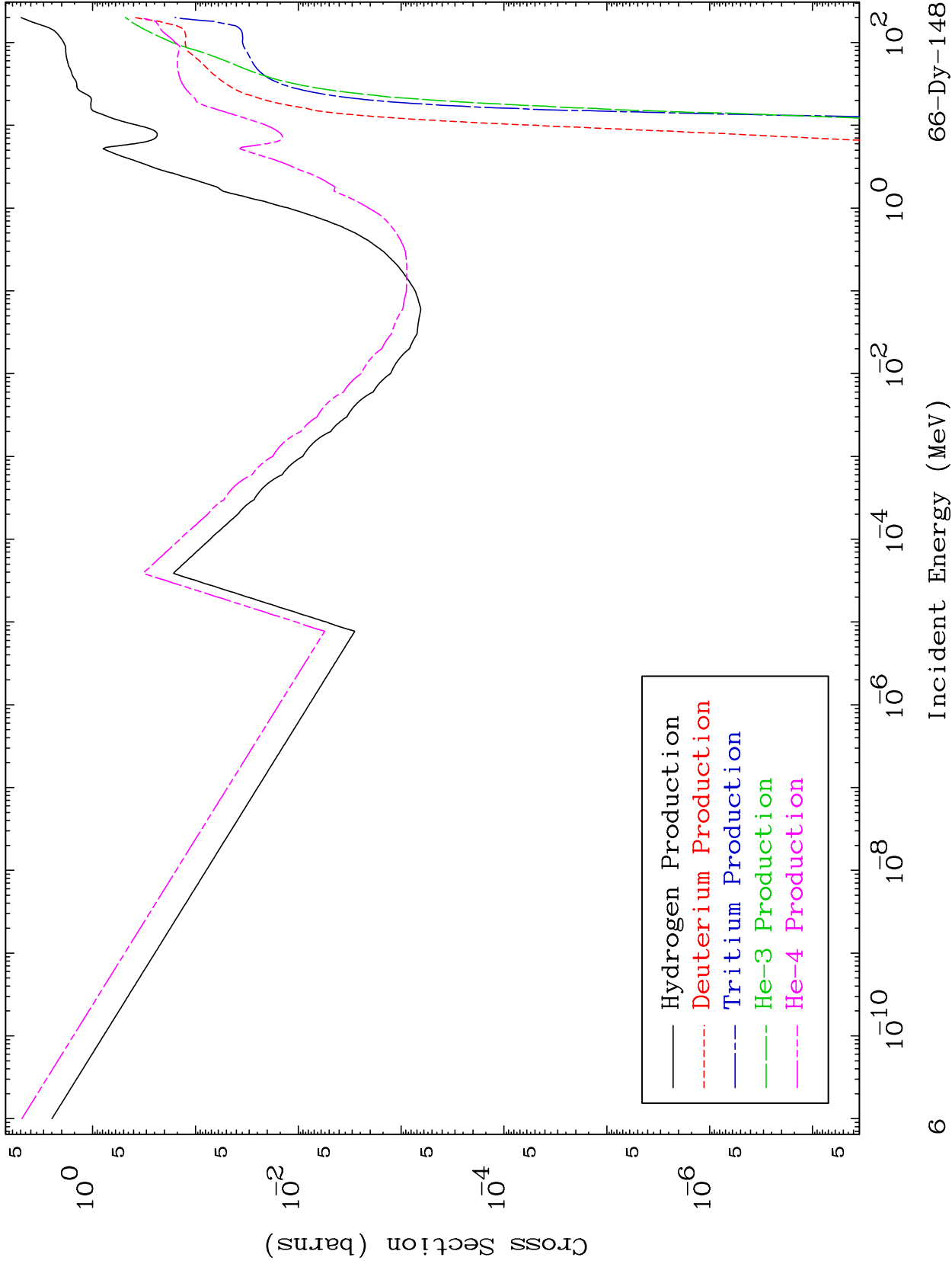
66-Dy-148



MAT 6601

Particle Production  
293 Kelvin Cross Sections

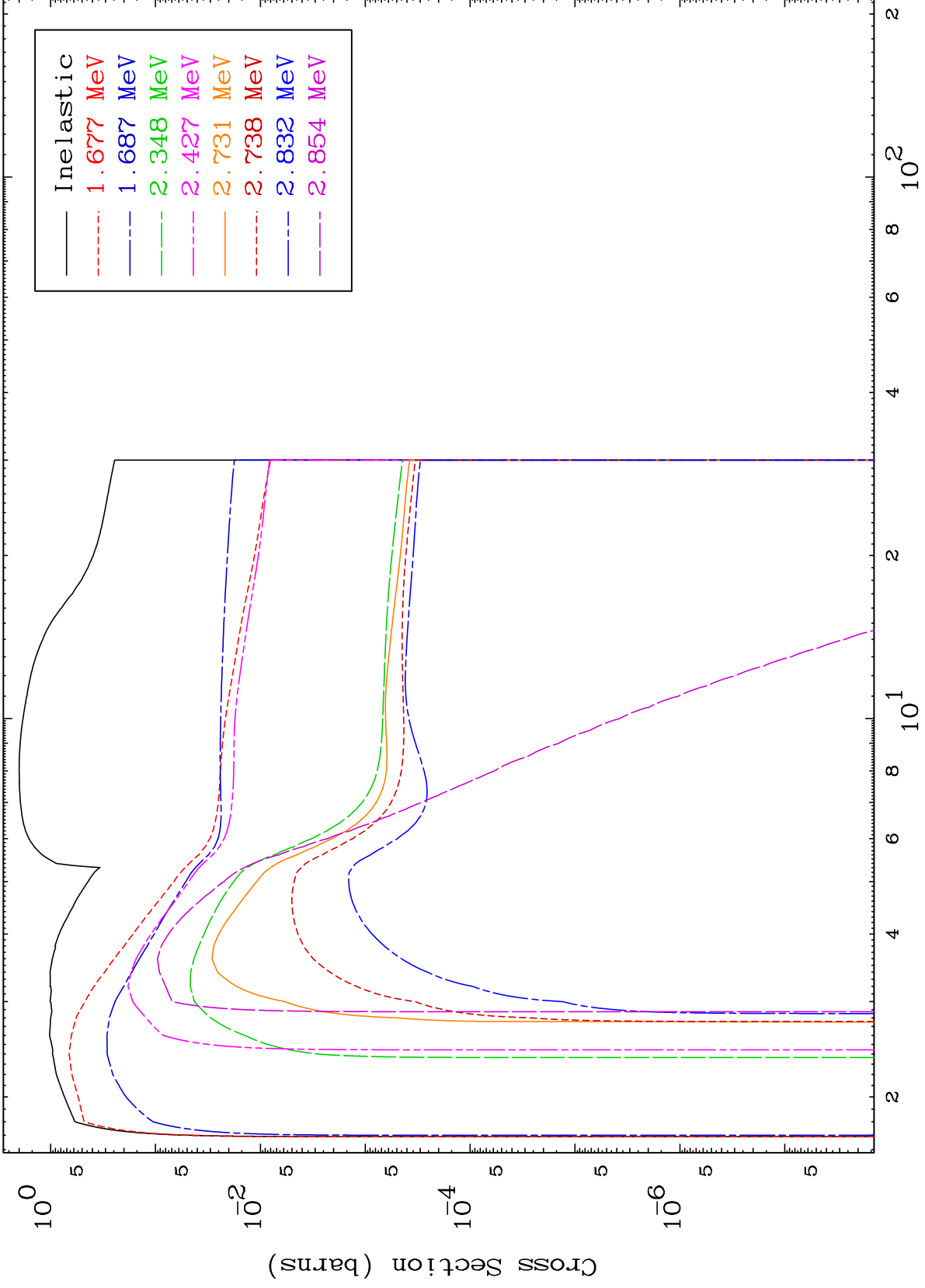
66-Dy-148



MAT 6601

(n,n') Level  
293 Kelvin Cross Sections

66-Dy-148



7

Incident Energy (MeV)

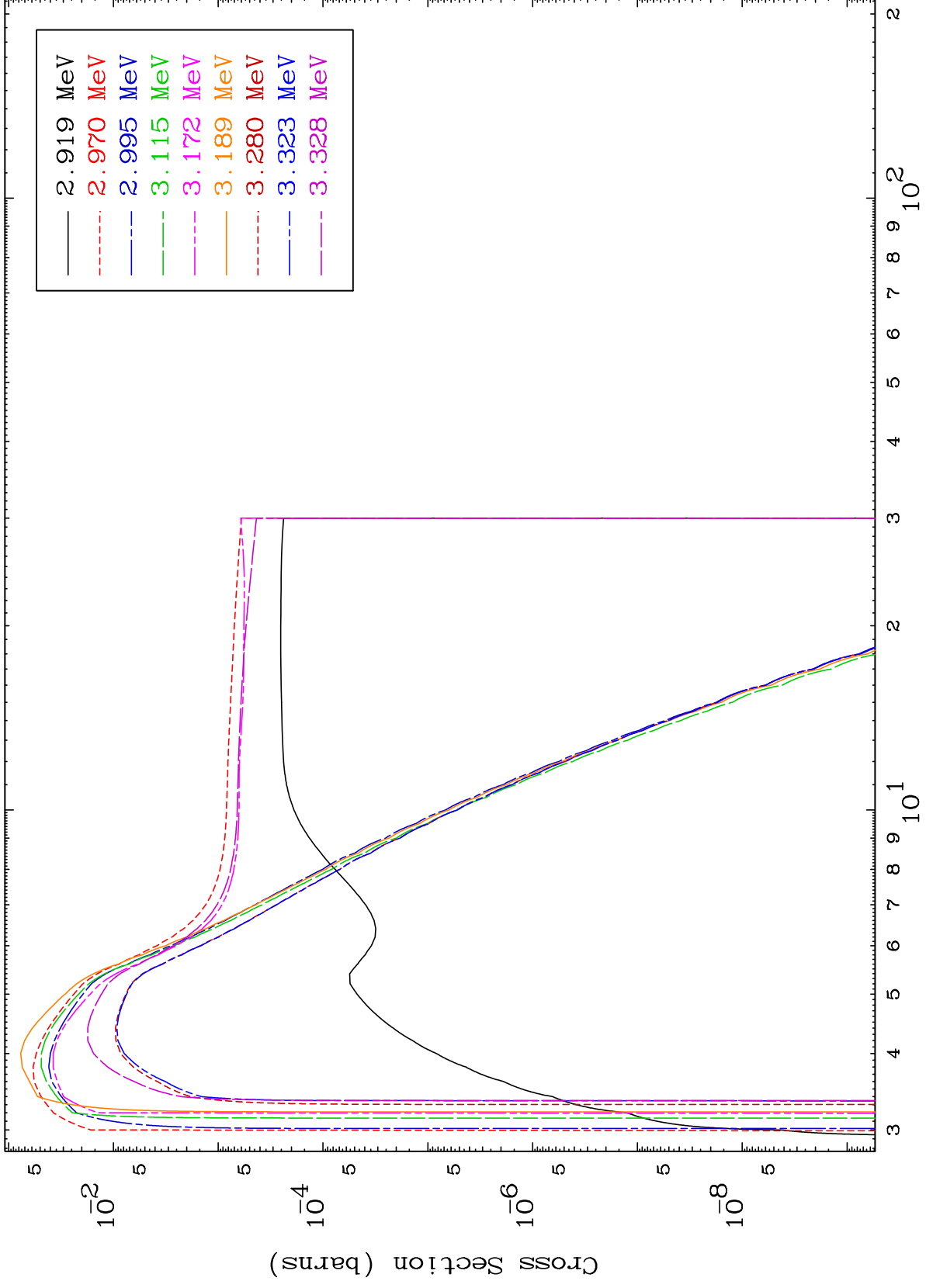
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MAT 6601

(n,n') Level  
293 Kelvin Cross Sections

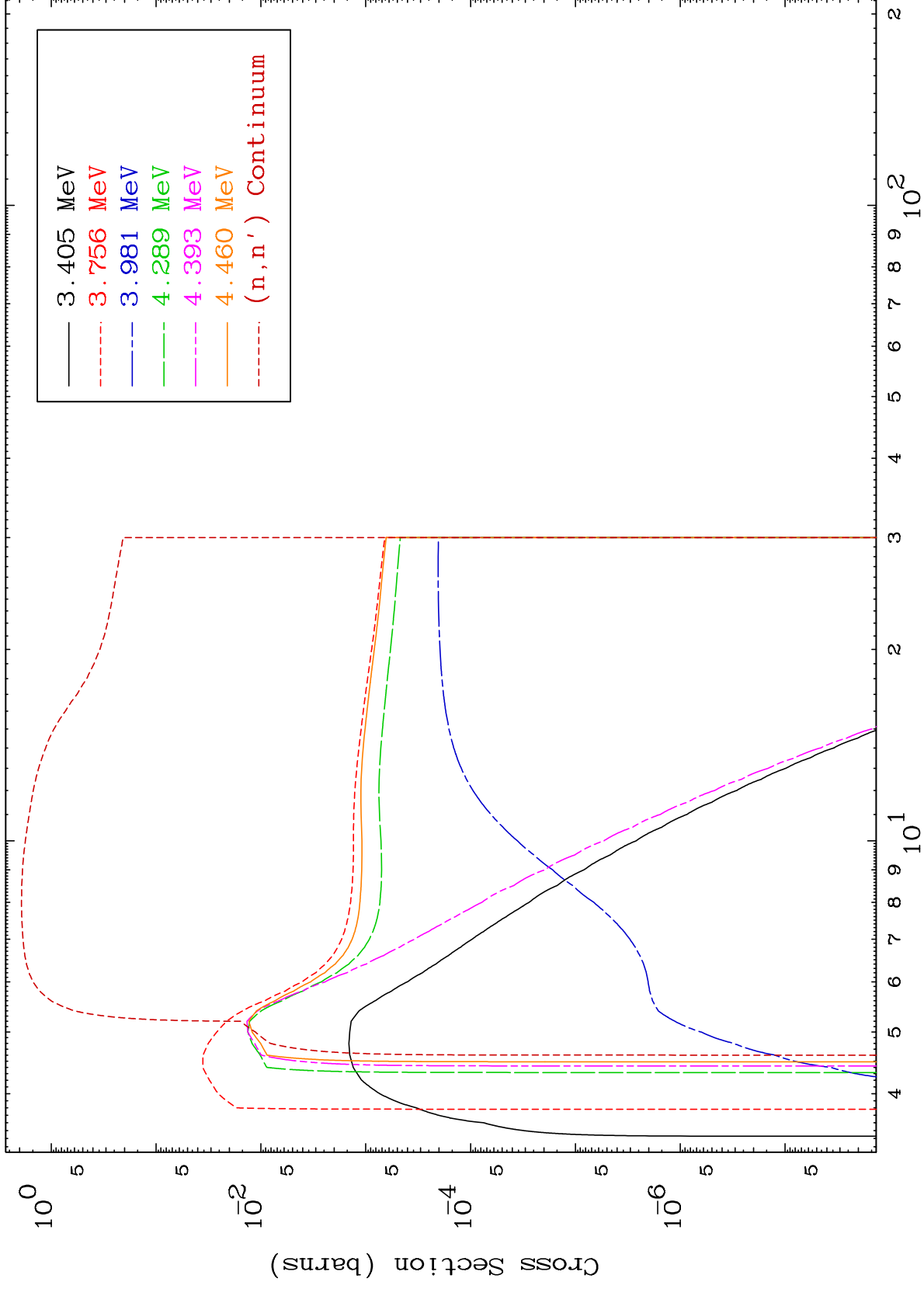
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8

Incident Energy (MeV)

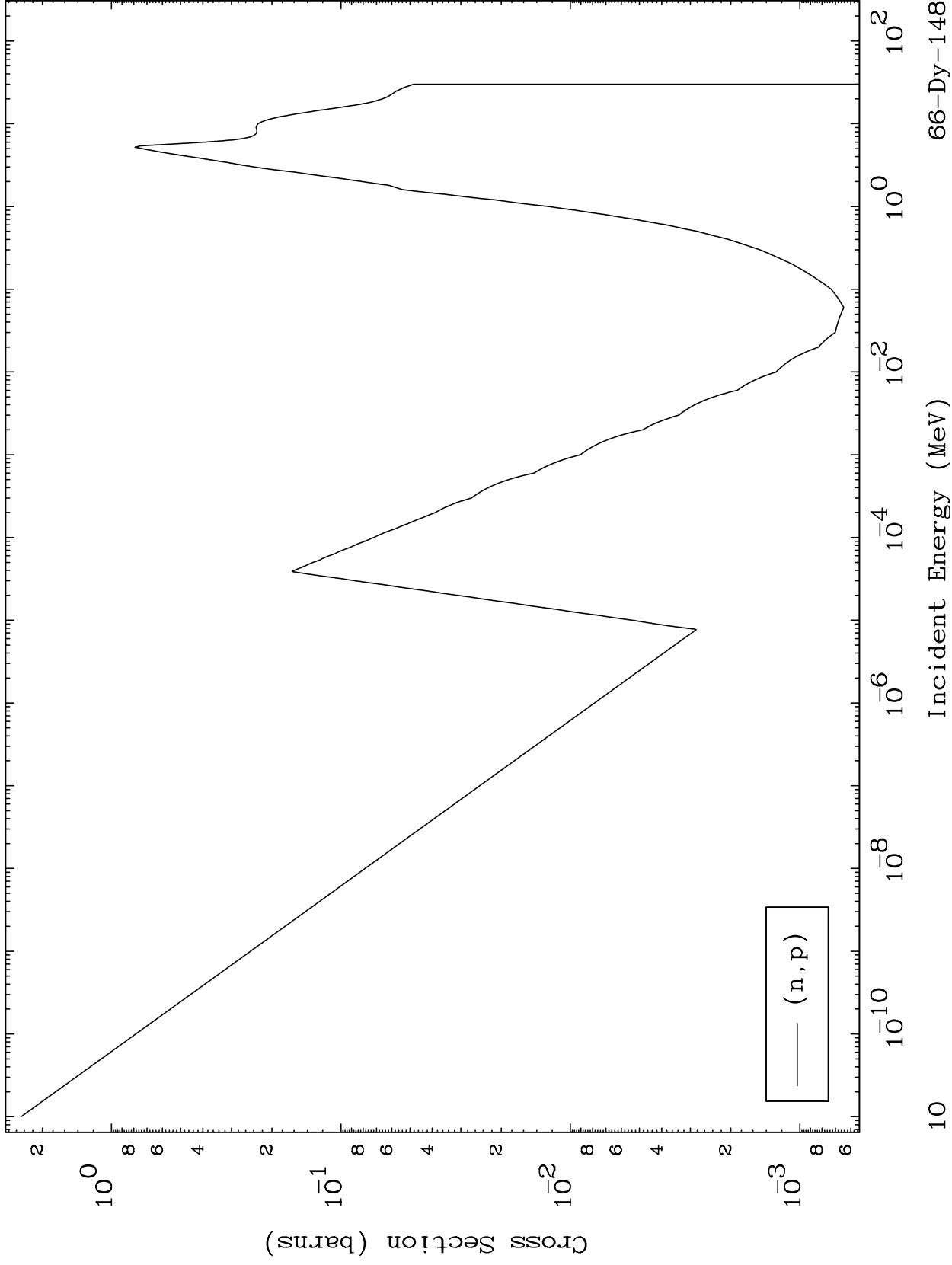
66-Dy-148



MAT 6601

(n,p) Levels  
293 Kelvin Cross Sections

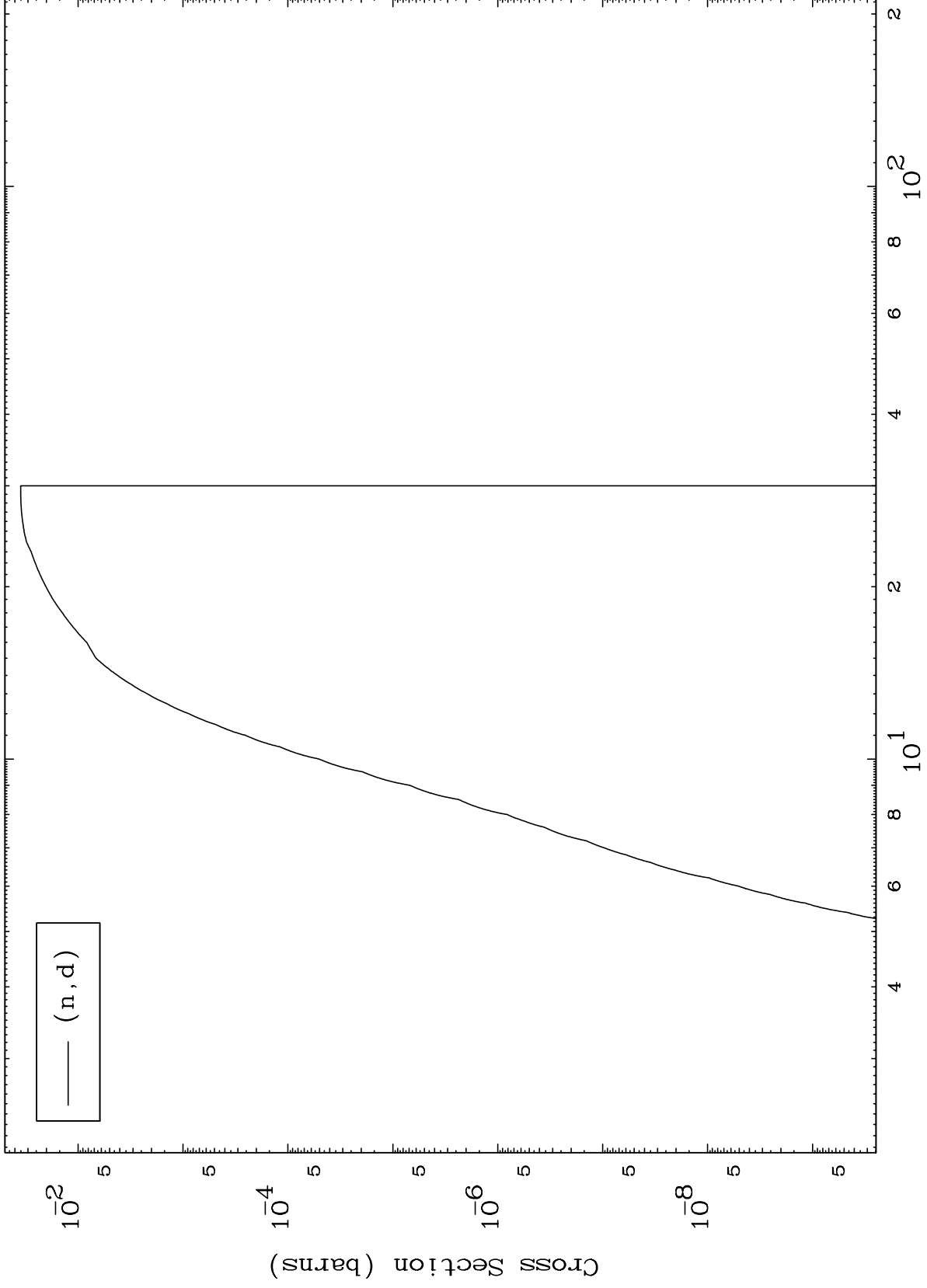
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MAT 6601

(n,d) Levels  
293 Kelvin Cross Sections

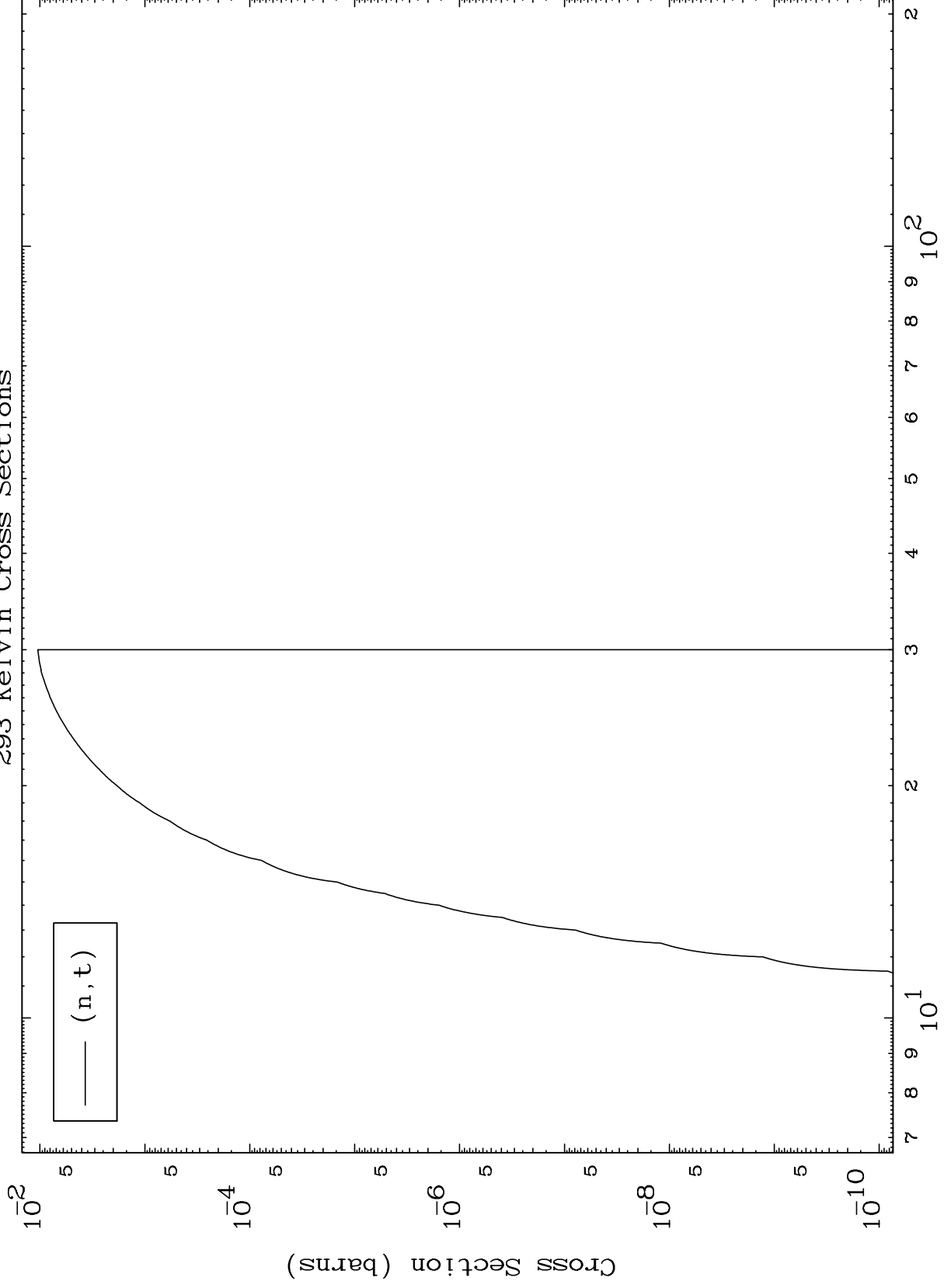
66-Dy-148



MAT 6601

(n,t) Levels  
293 Kelvin Cross Sections

66-Dy-148



12

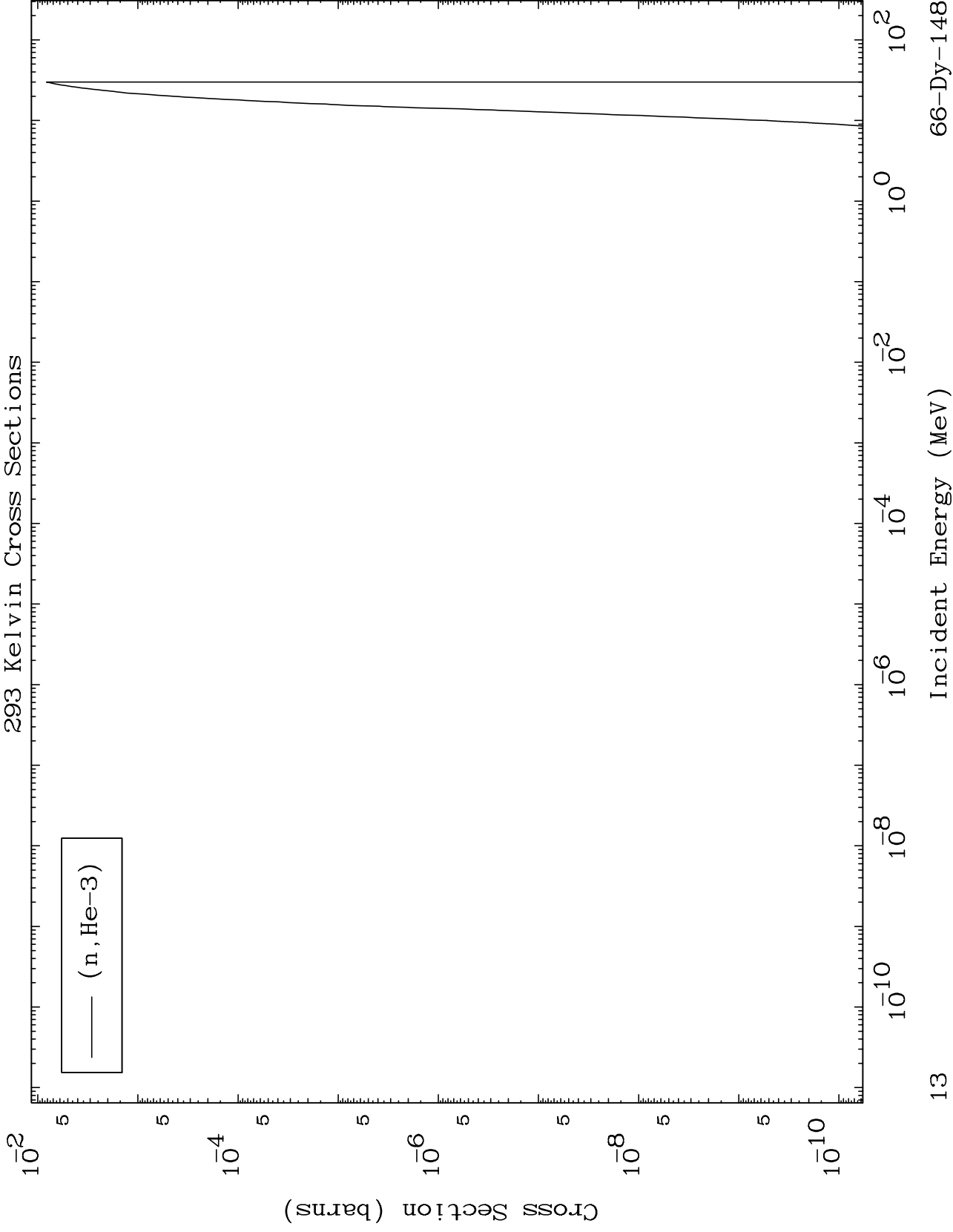
Incident Energy (MeV)

66-Dy-148

MAT 6601

(n,He3) Levels  
293 Kelvin Cross Sections

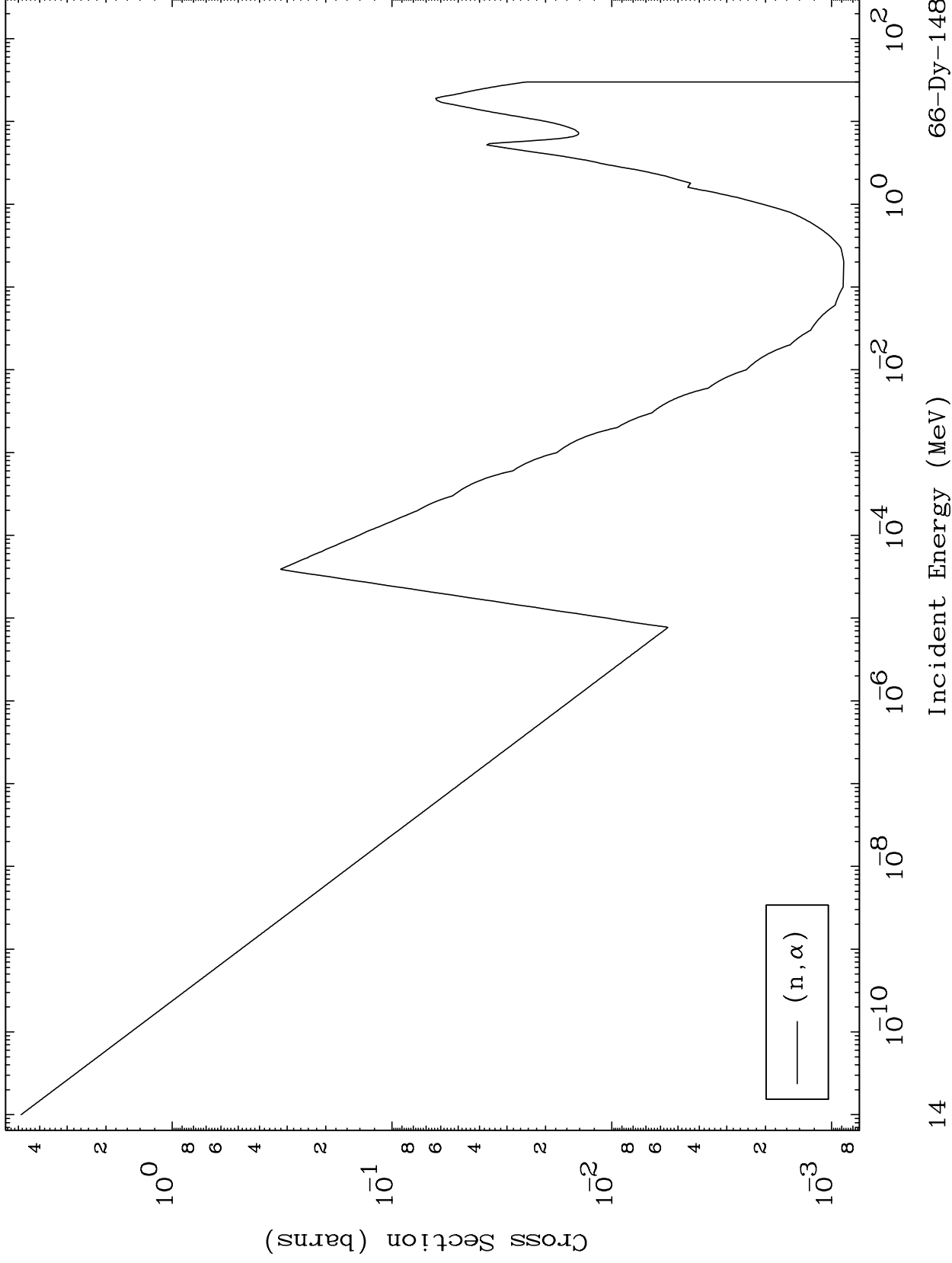
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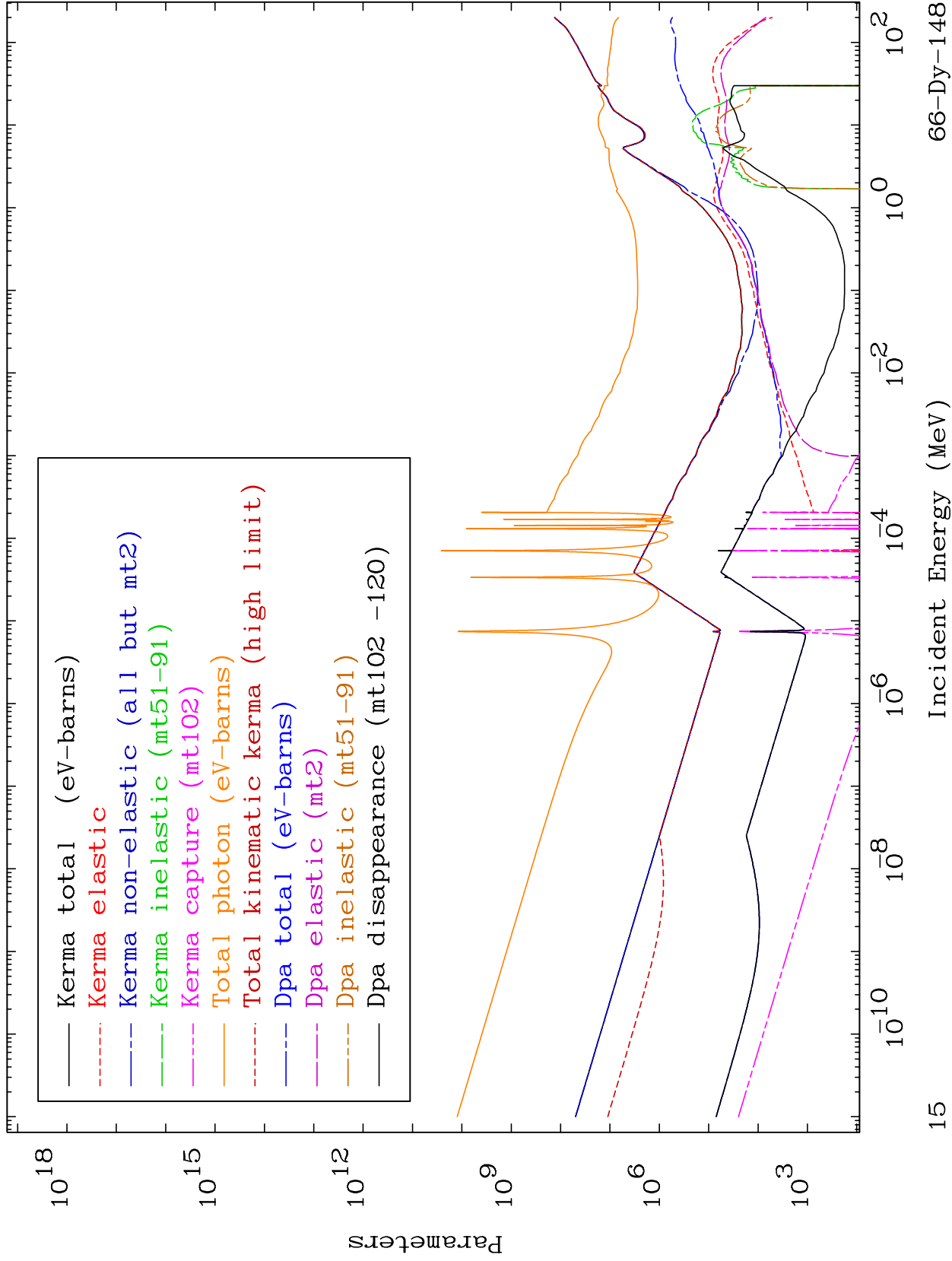


MAT 6601

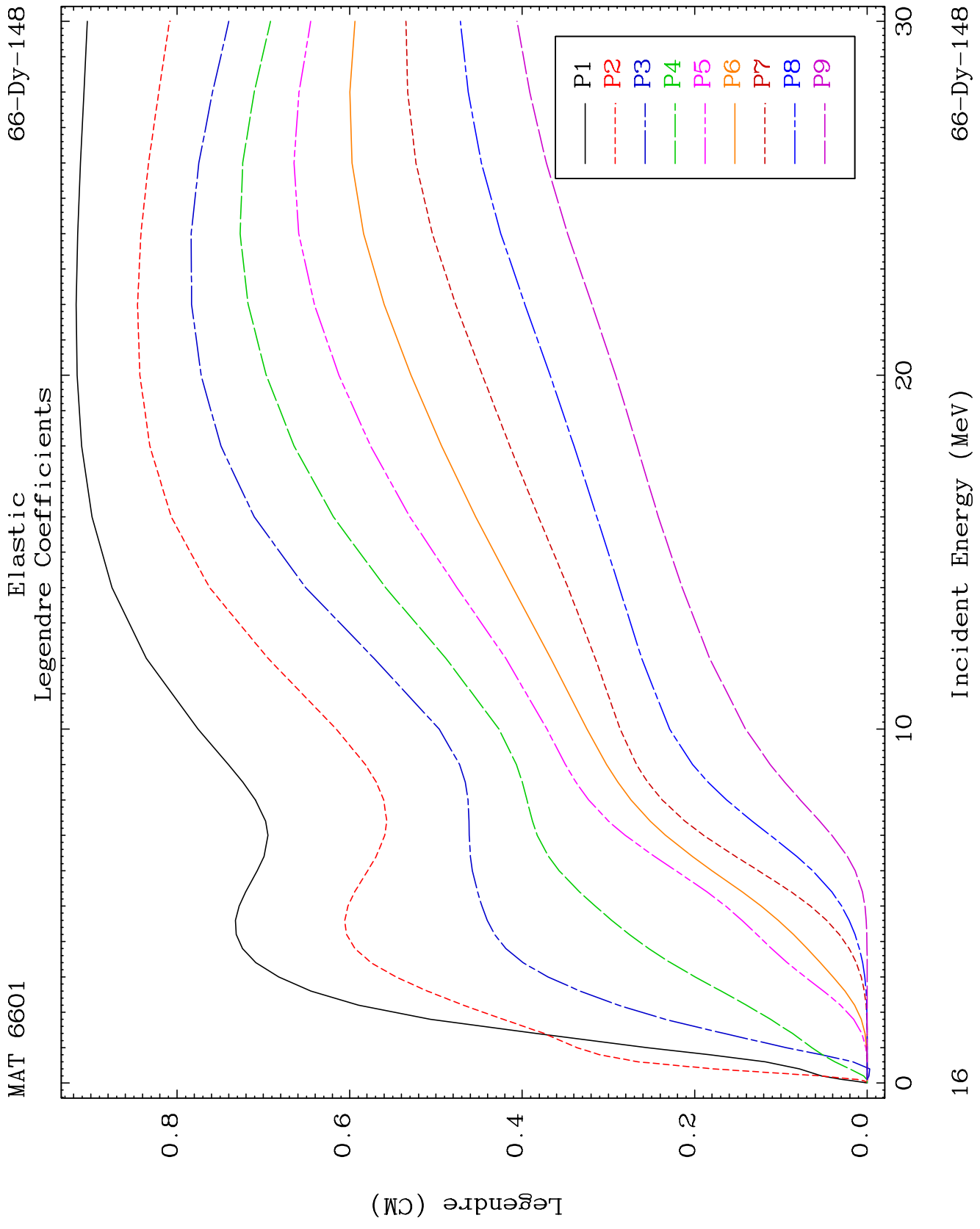
(n,α) Levels  
293 Kelvin Cross Sections

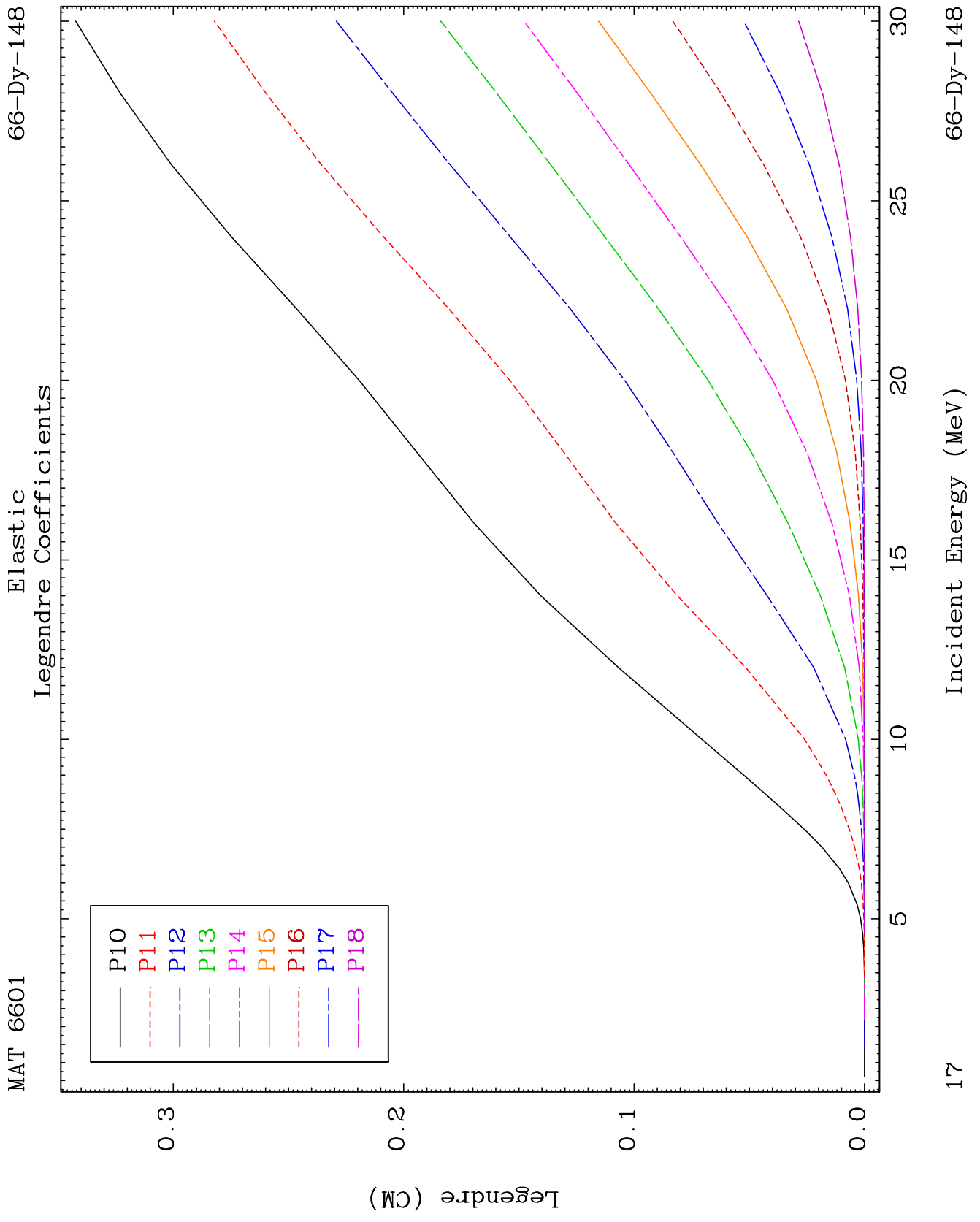
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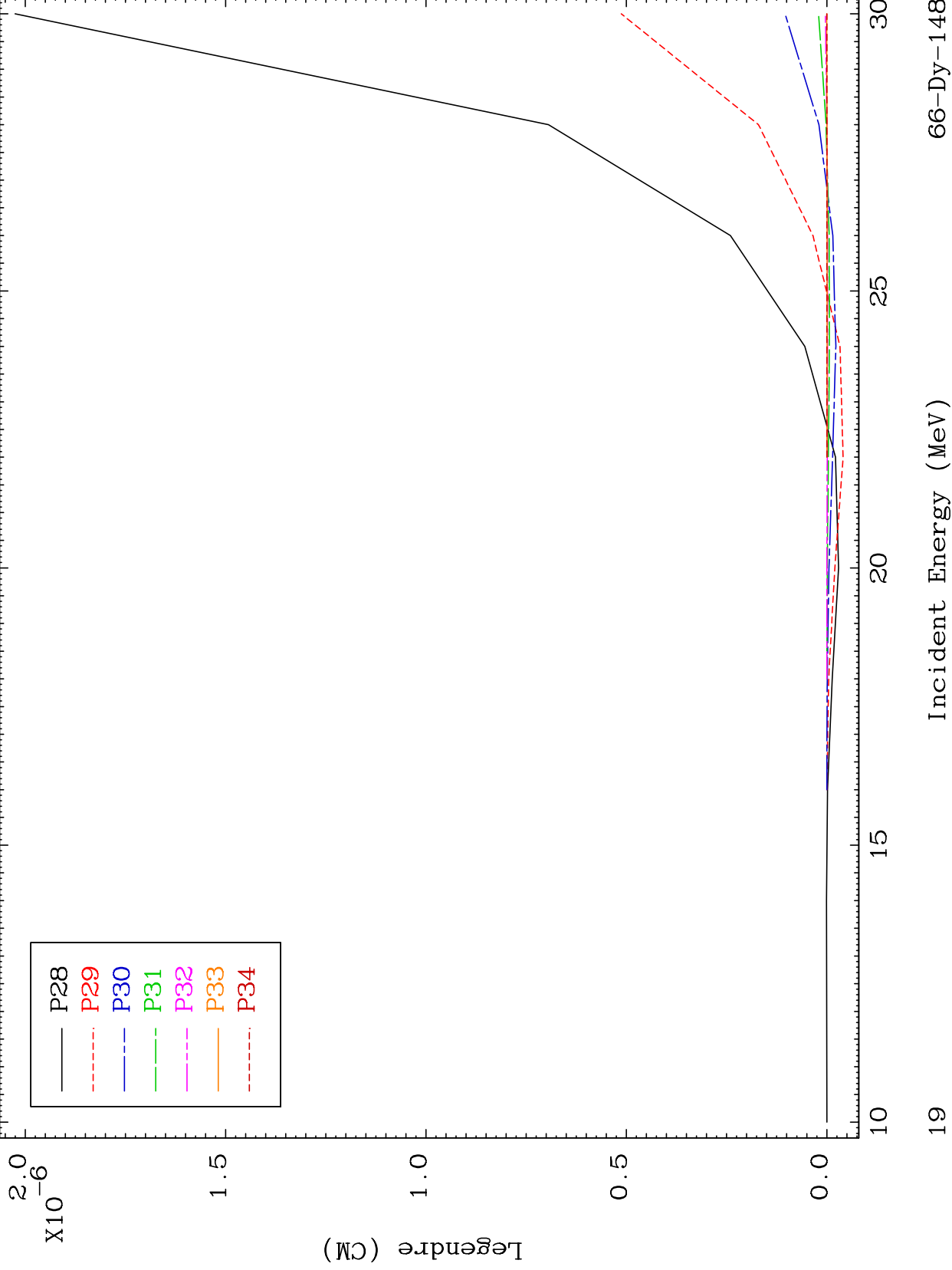




MAT 6601

Elastic  
Legendre Coefficients

66-Dy-148



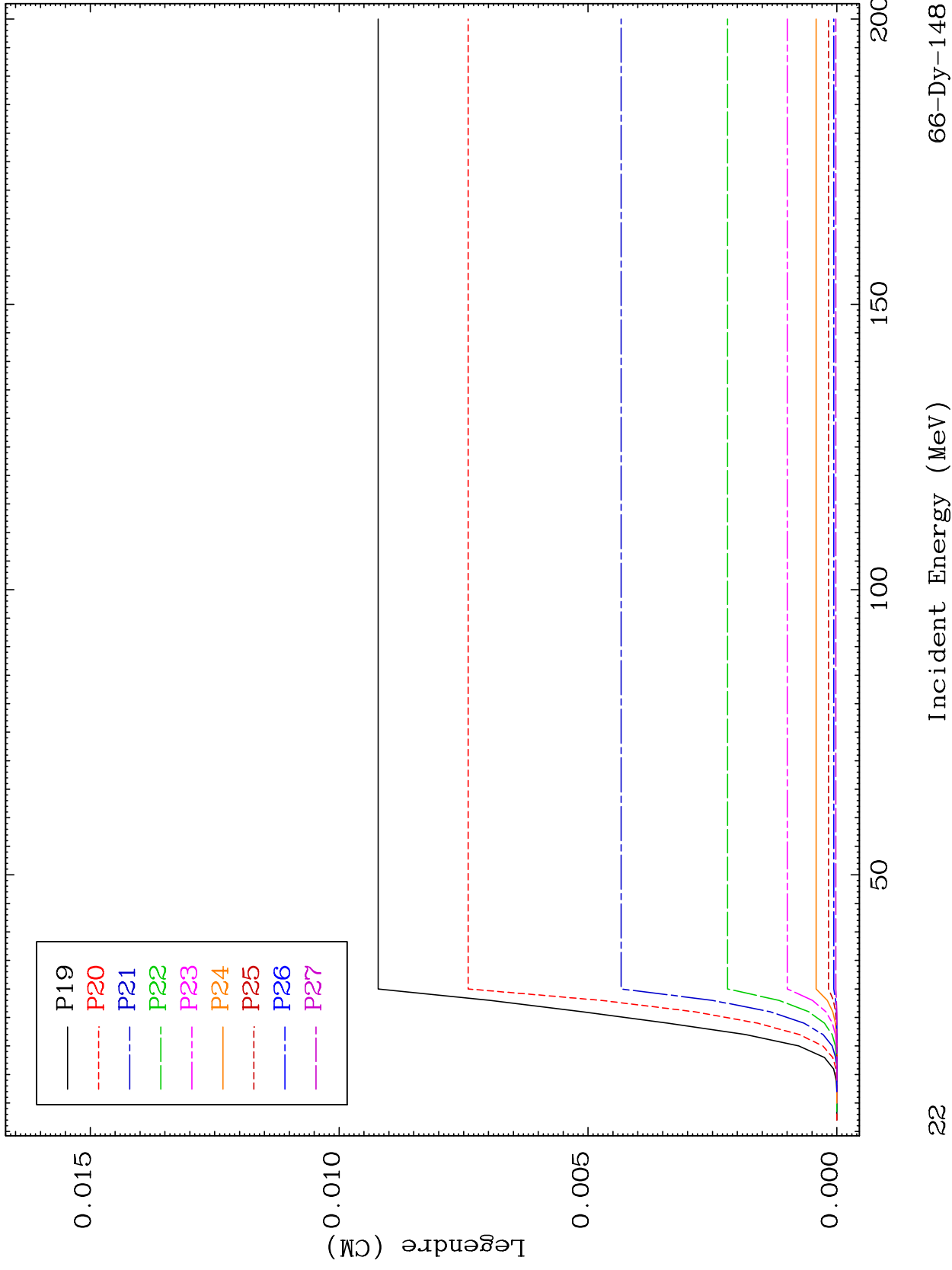




MAT 6601

1.677 MeV (n,n') Level  
Legendre Coefficients

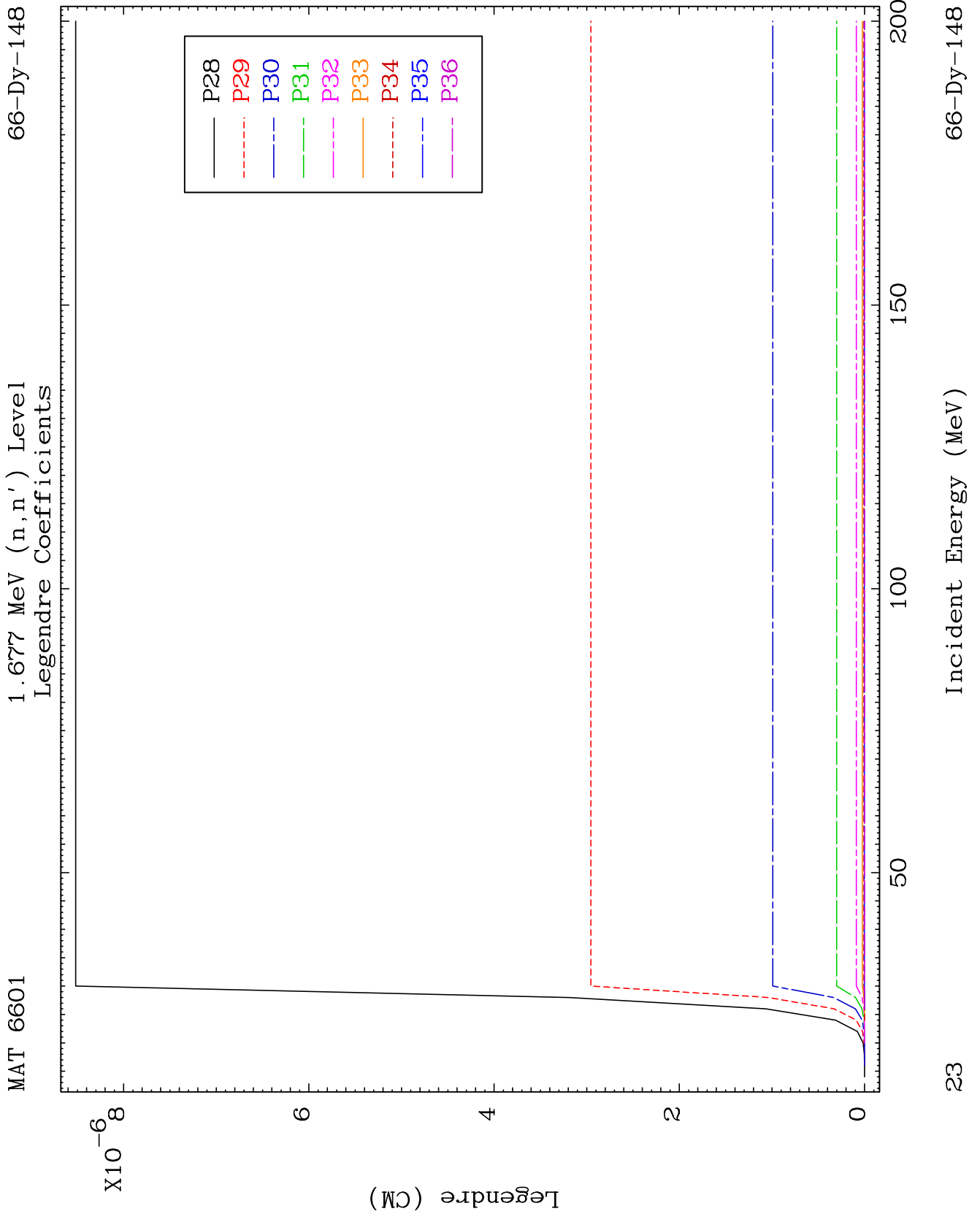
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22

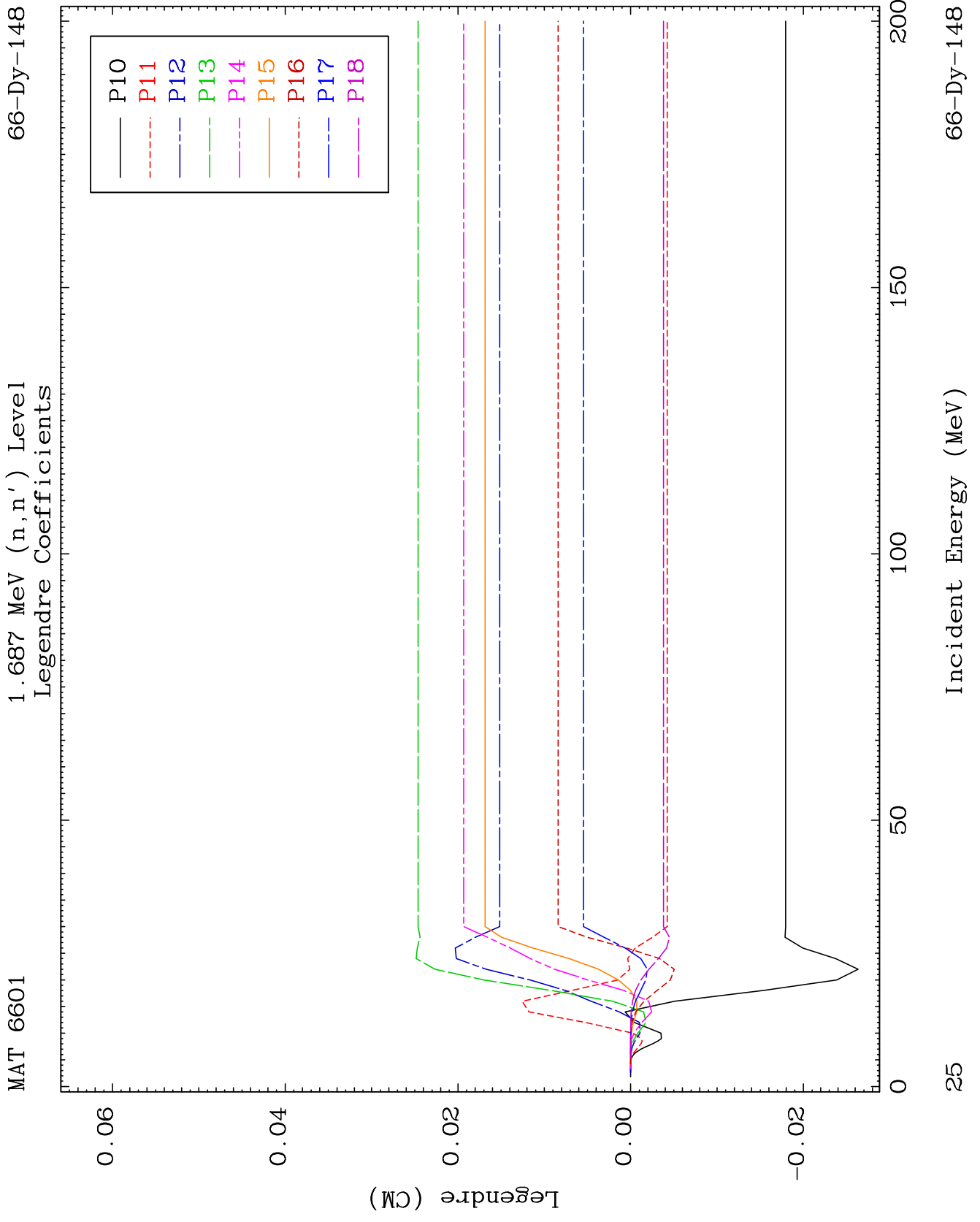
Incident Energy (MeV)

66-Dy-148





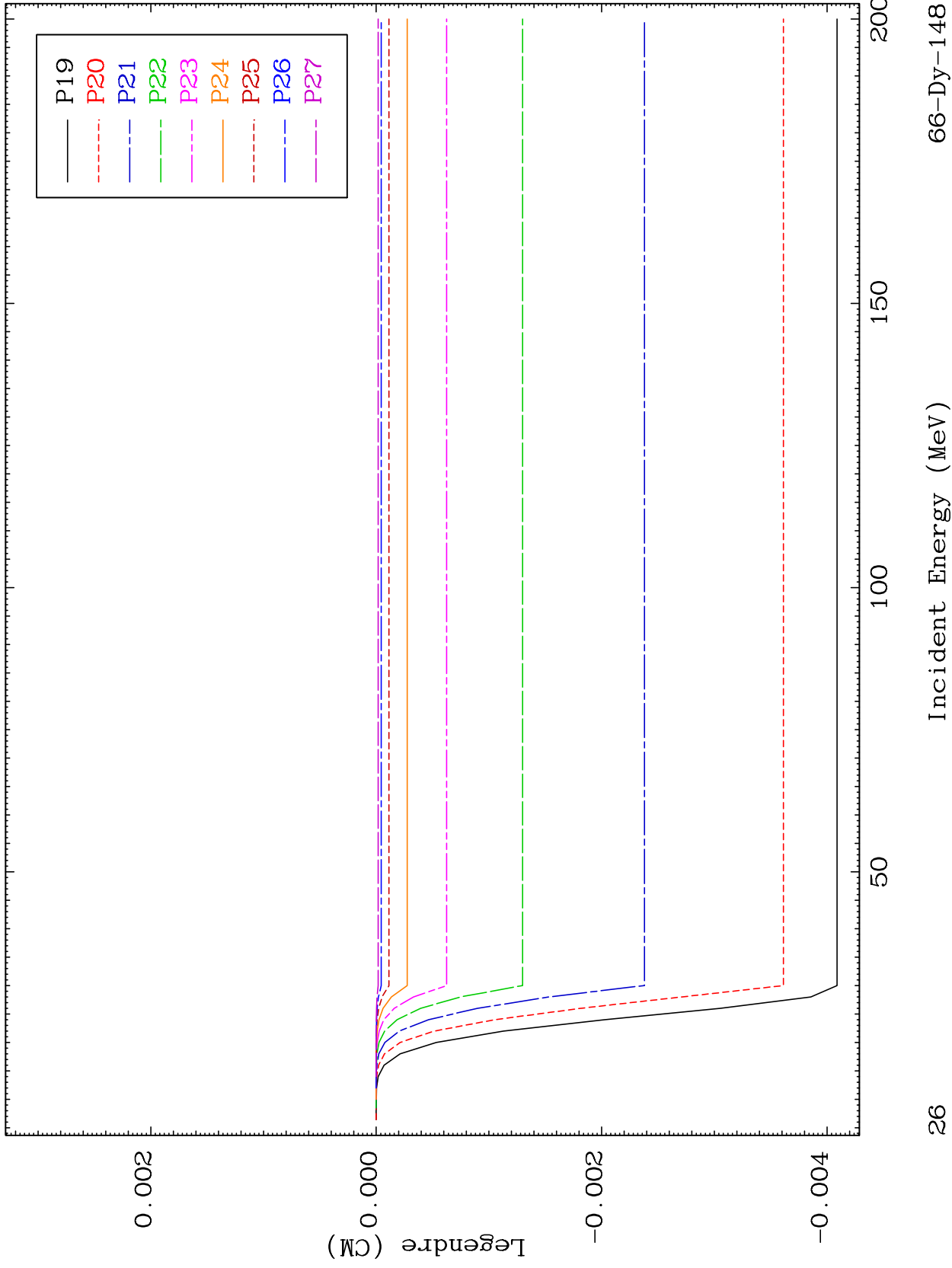




MAT 6601

1.687 MeV (n,n') Level  
Legendre Coefficients

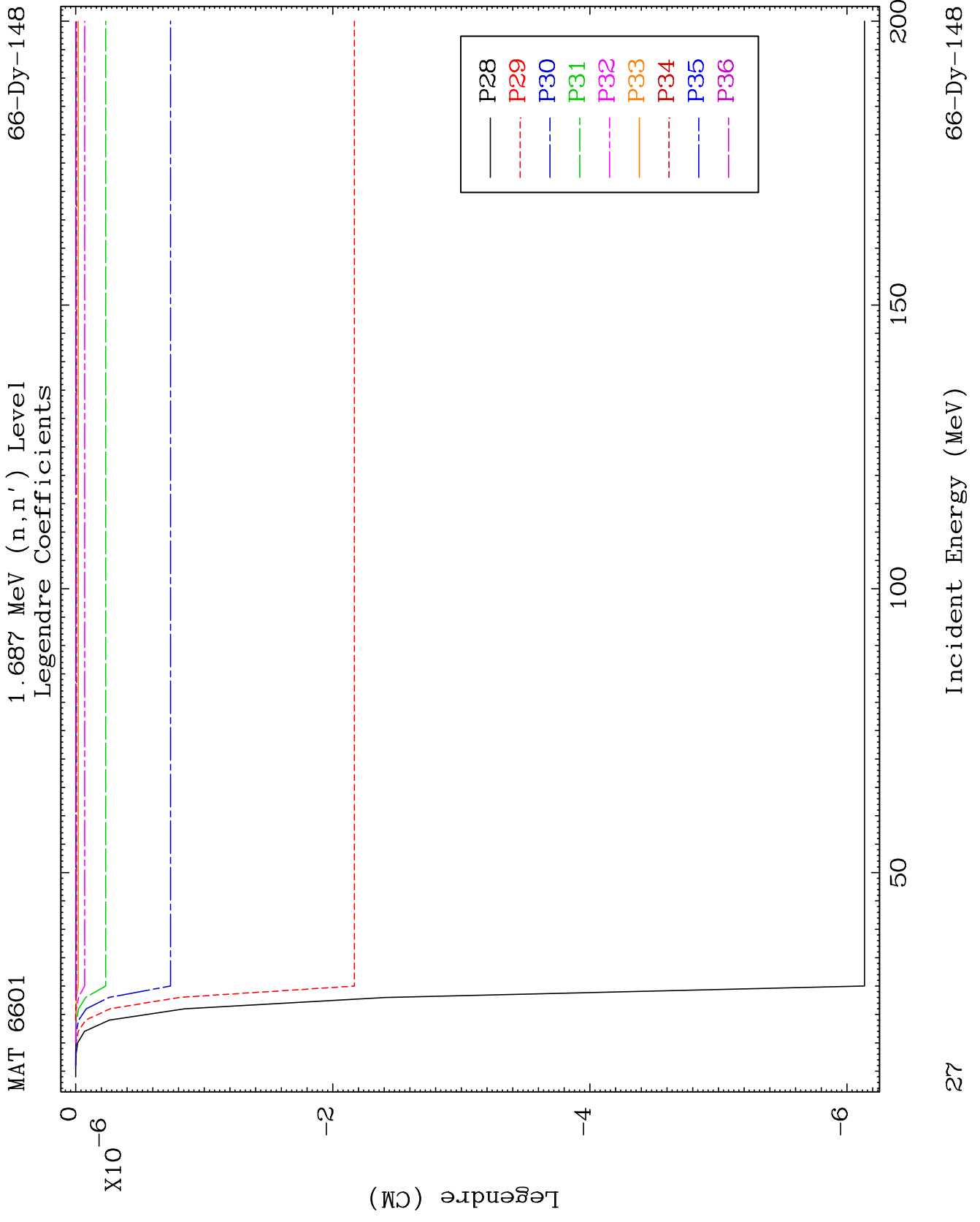
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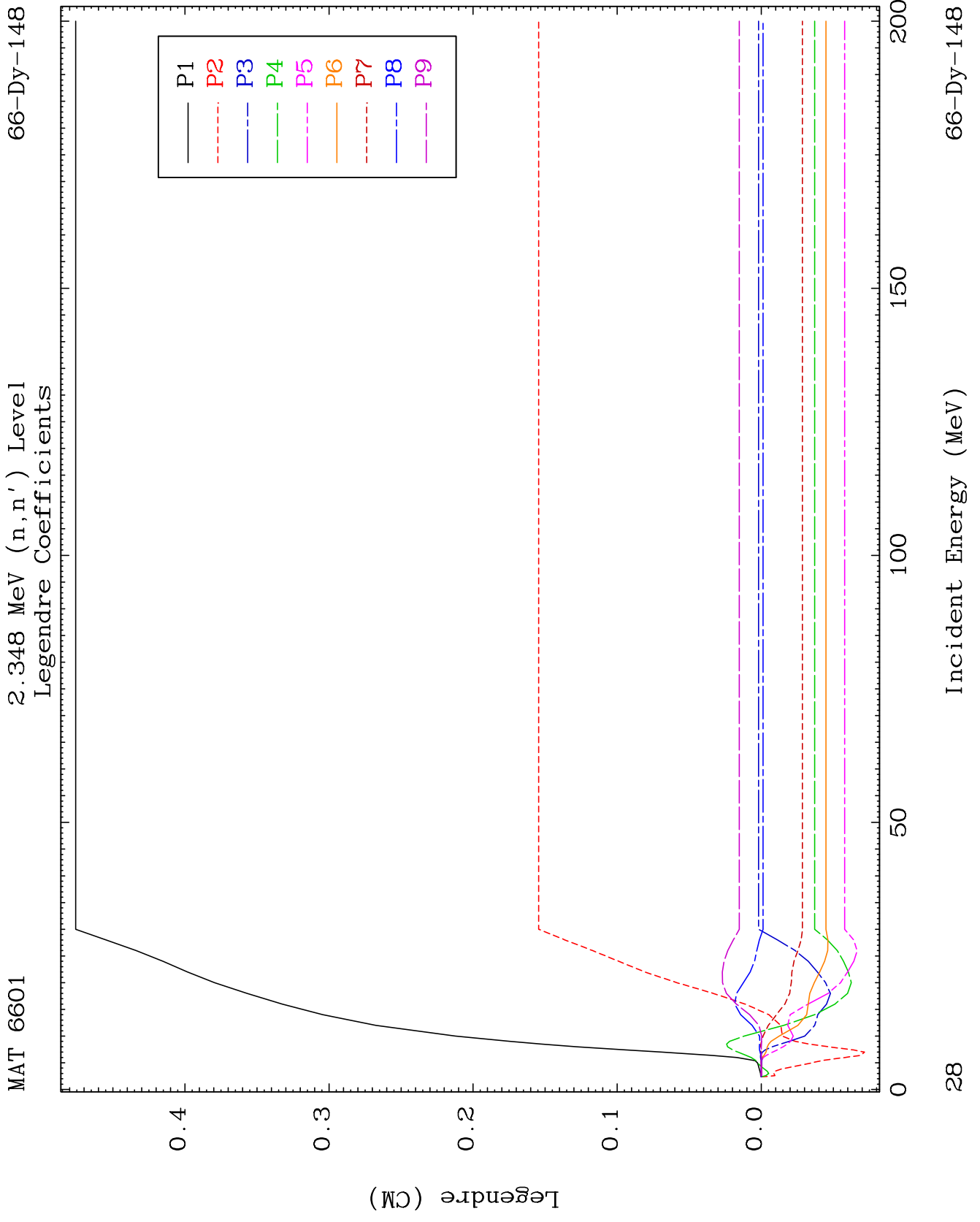


26

Incident Energy (MeV)

66-Dy-148

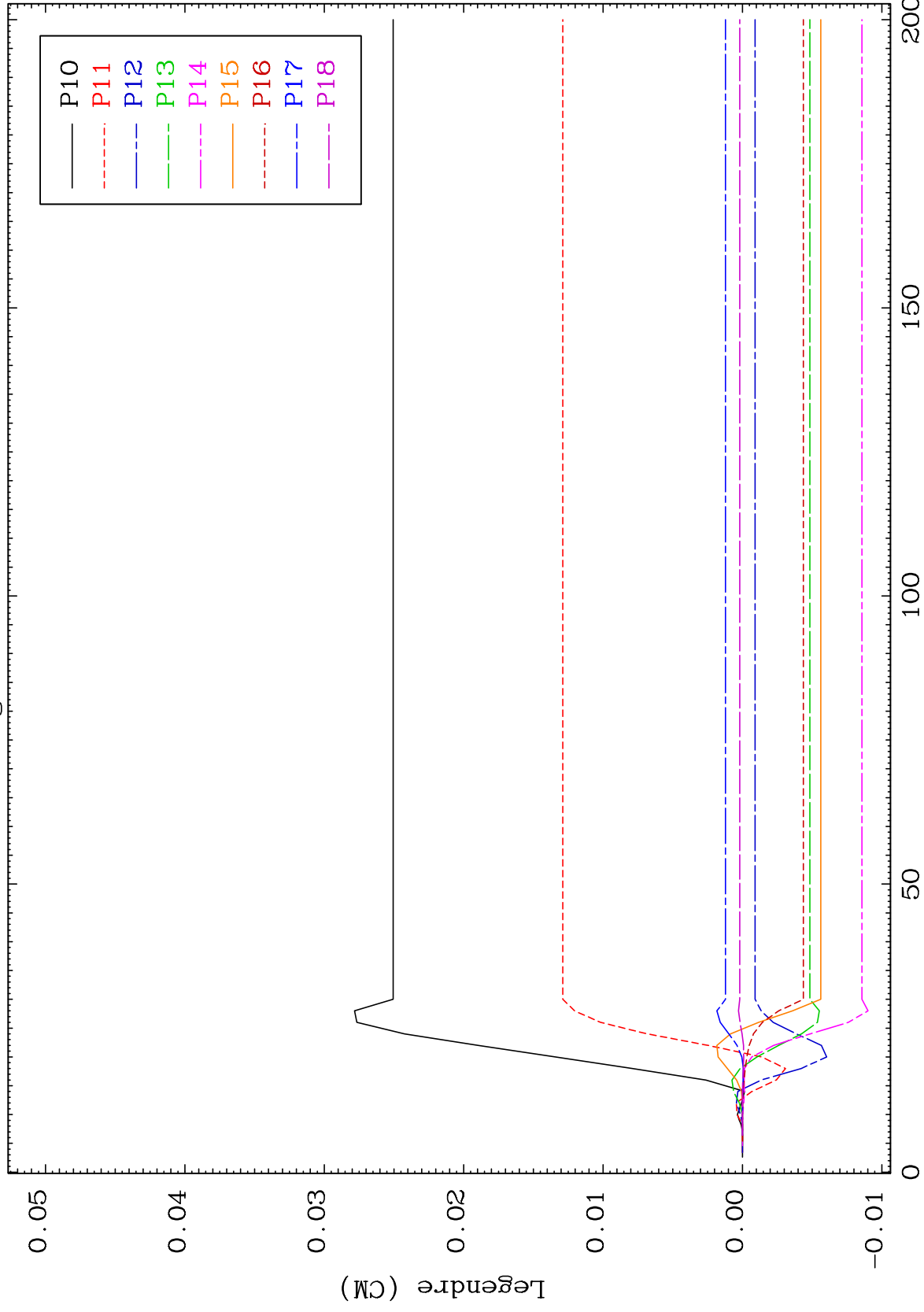




MAT 6601

2.348 MeV (n,n') Level  
Legendre Coefficients

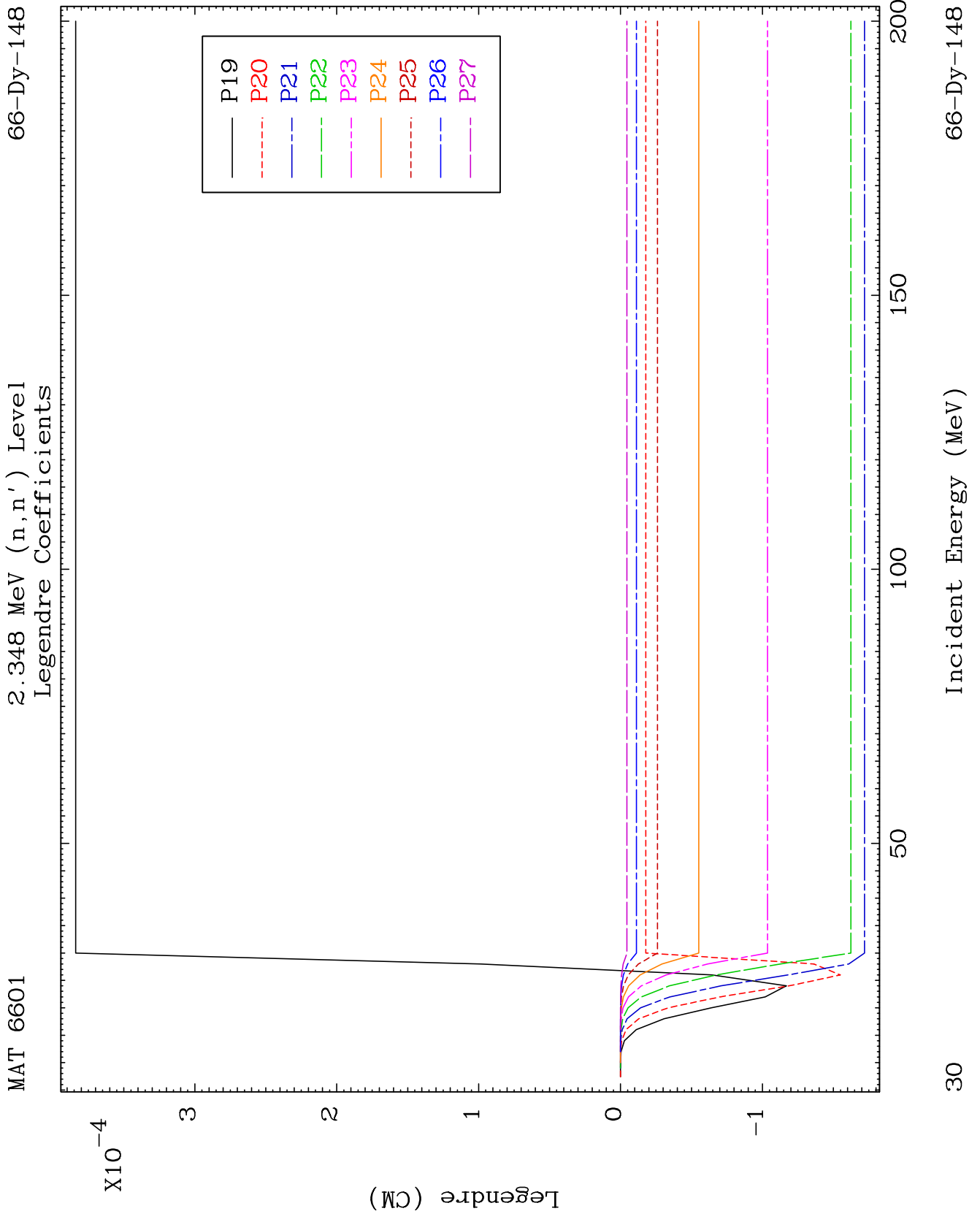
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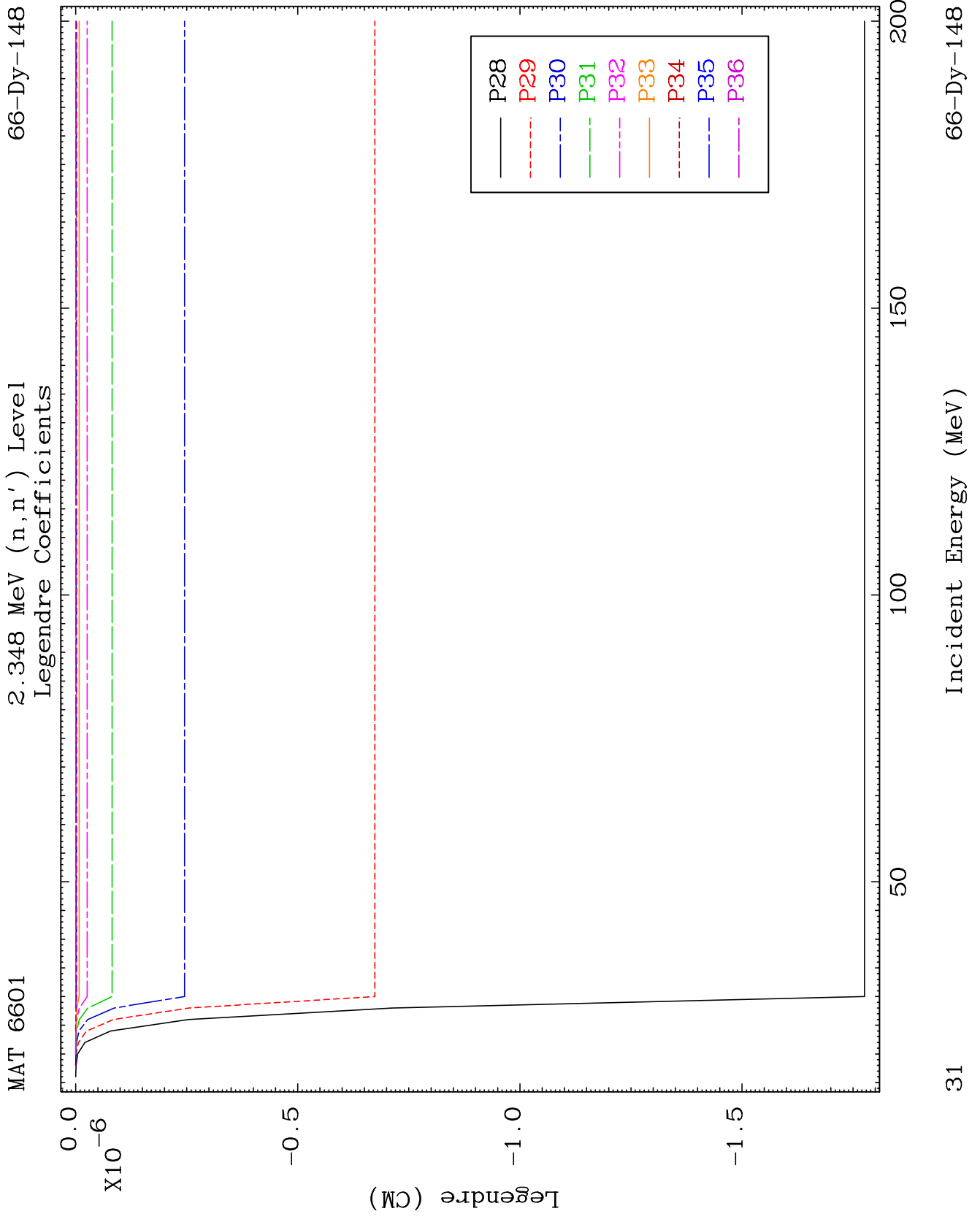


29

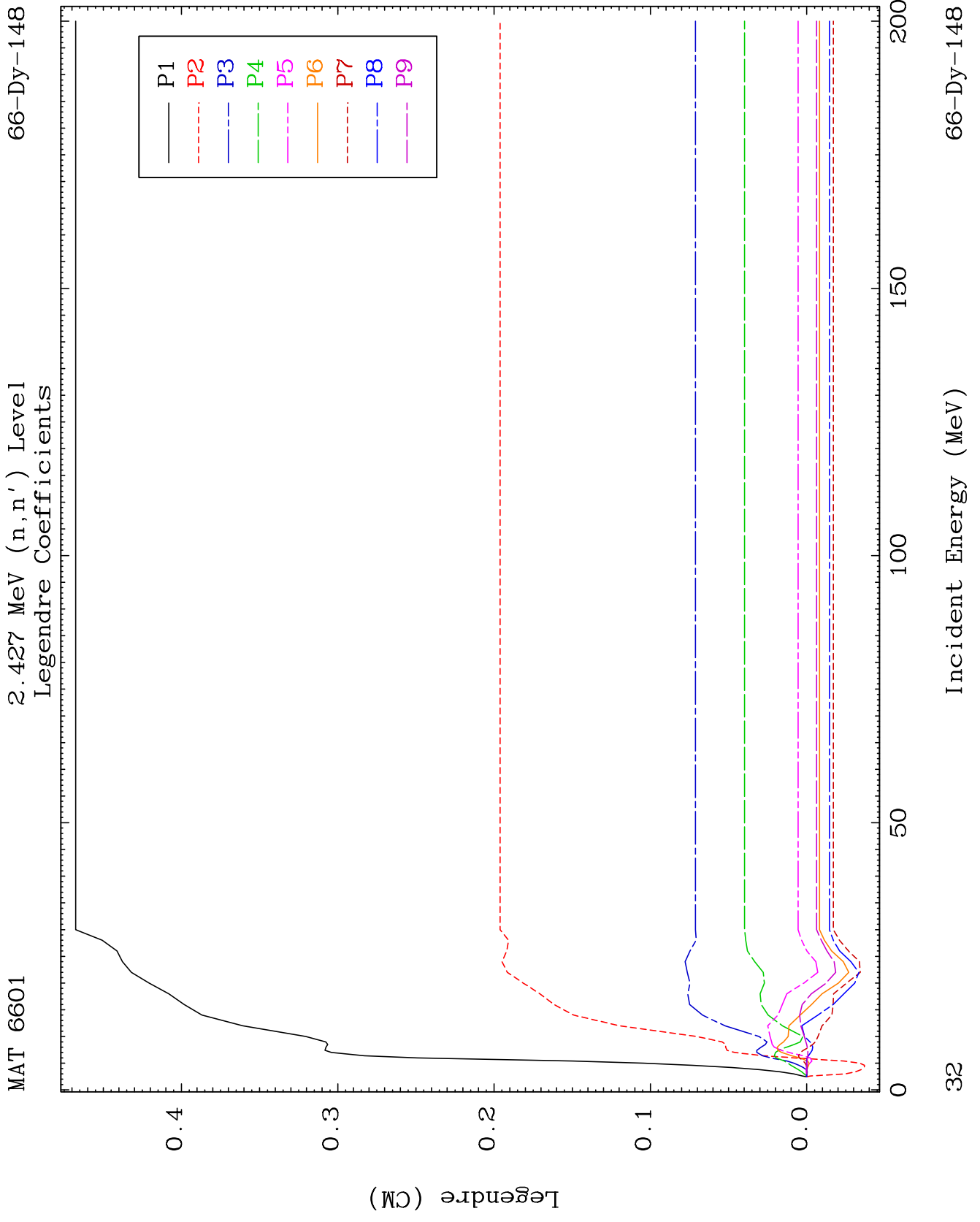
Incident Energy (MeV)

66-Dy-148

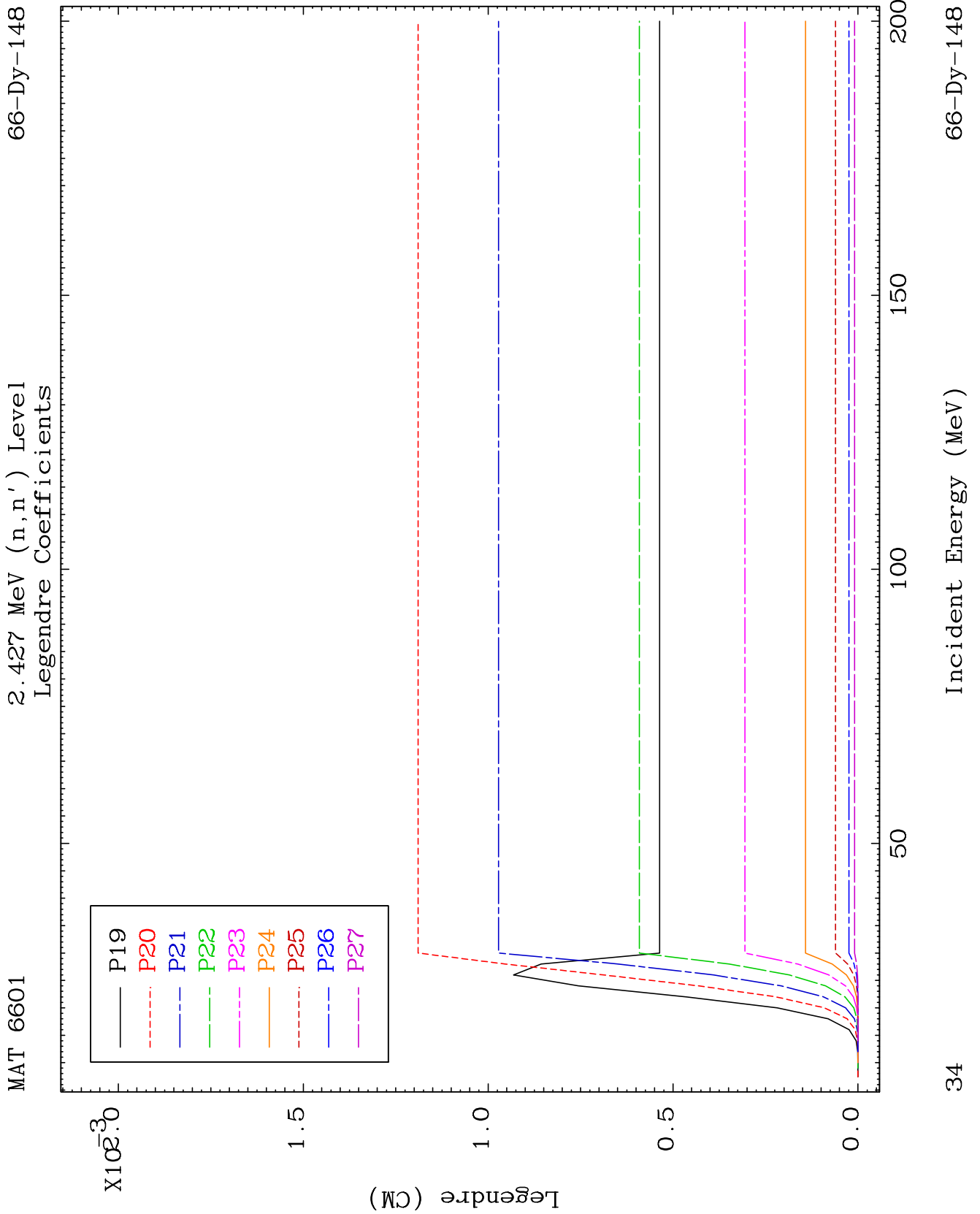


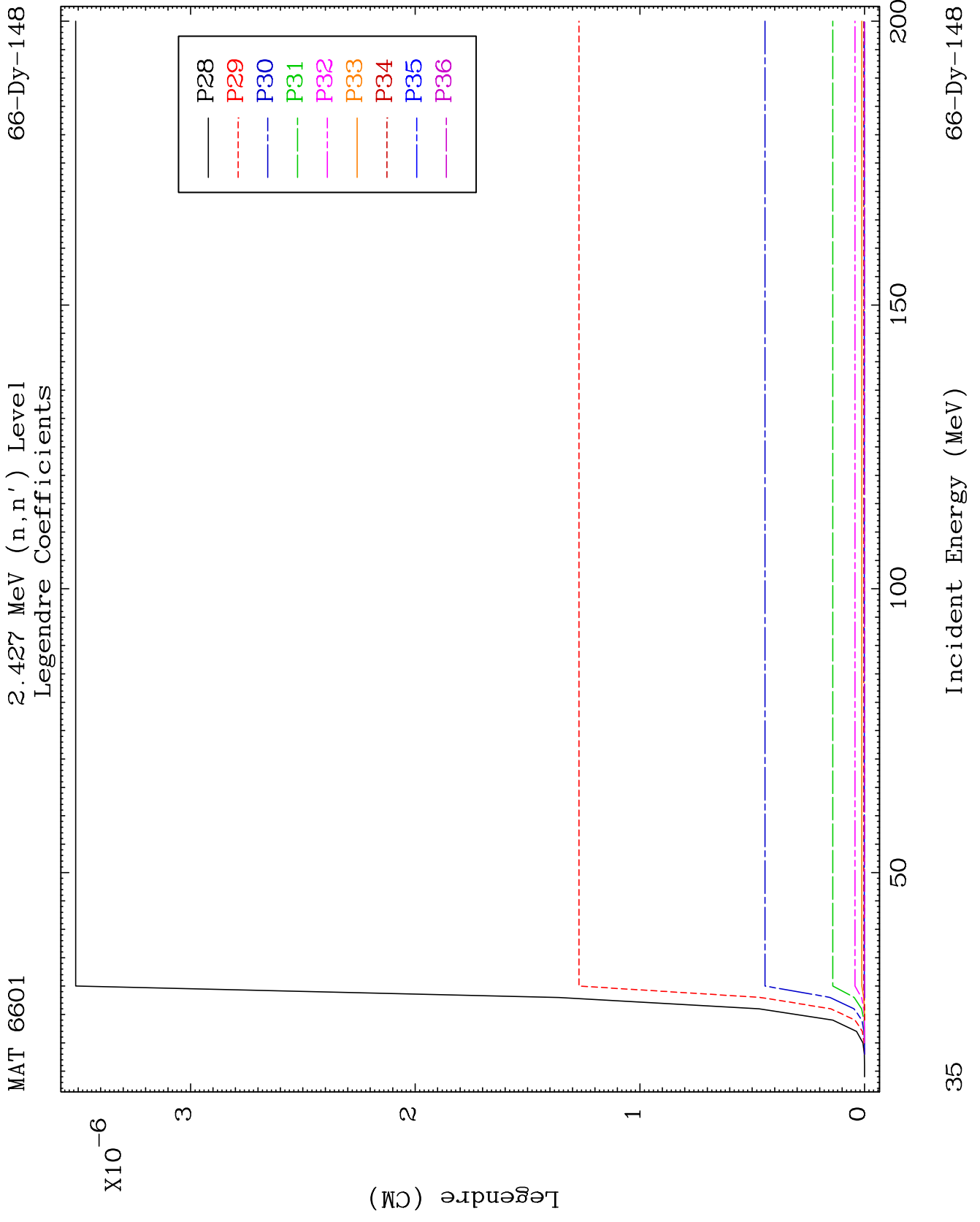


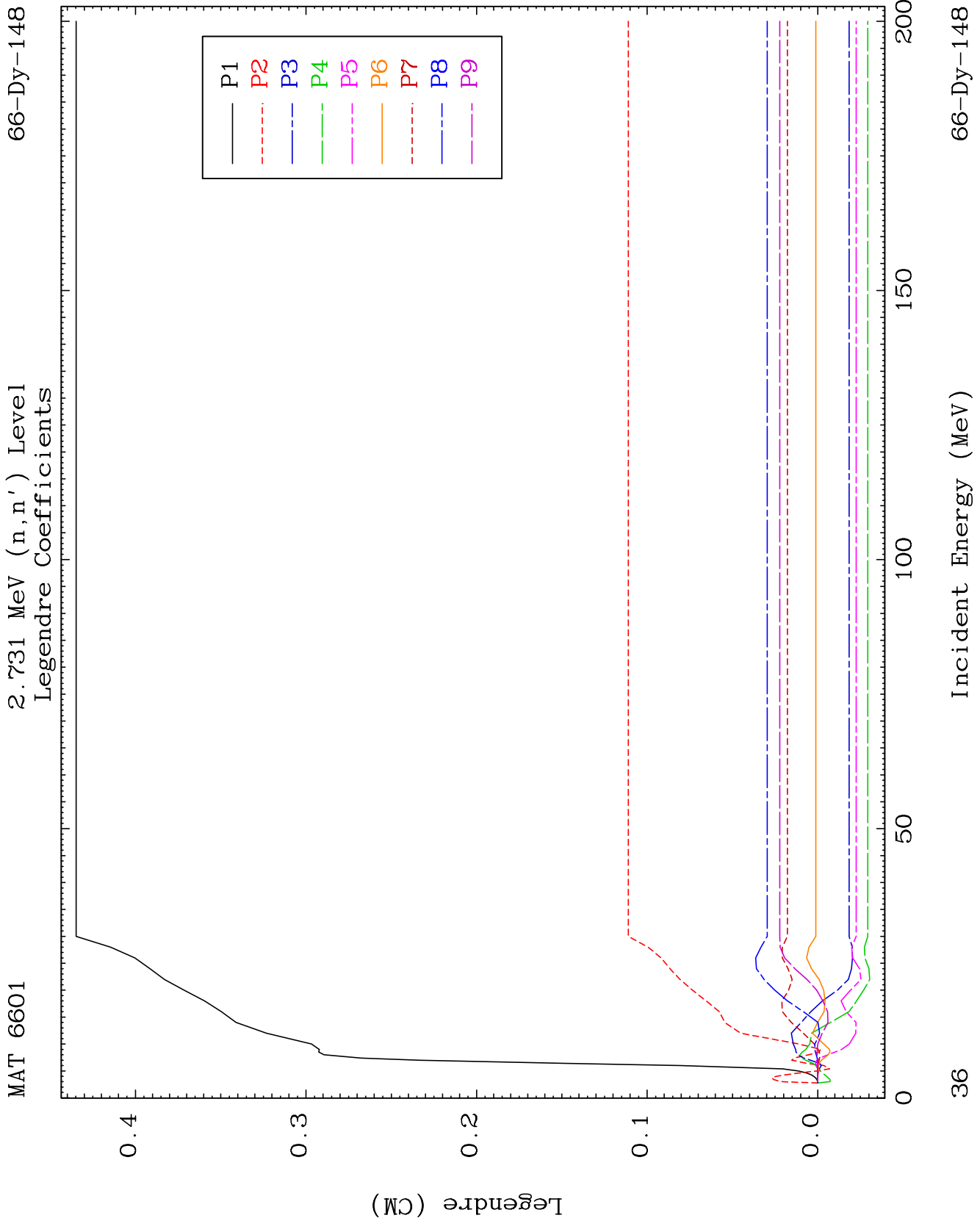


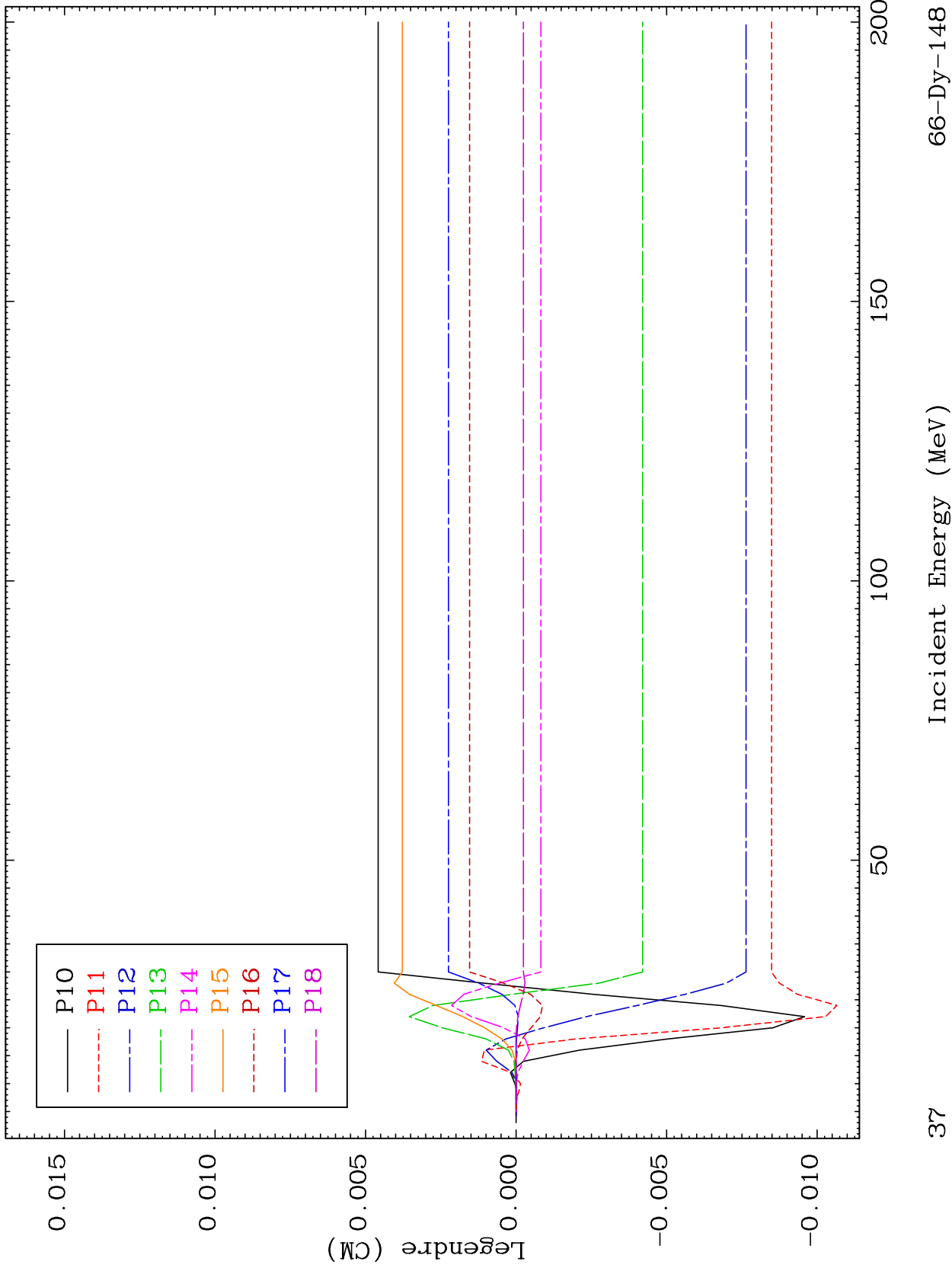


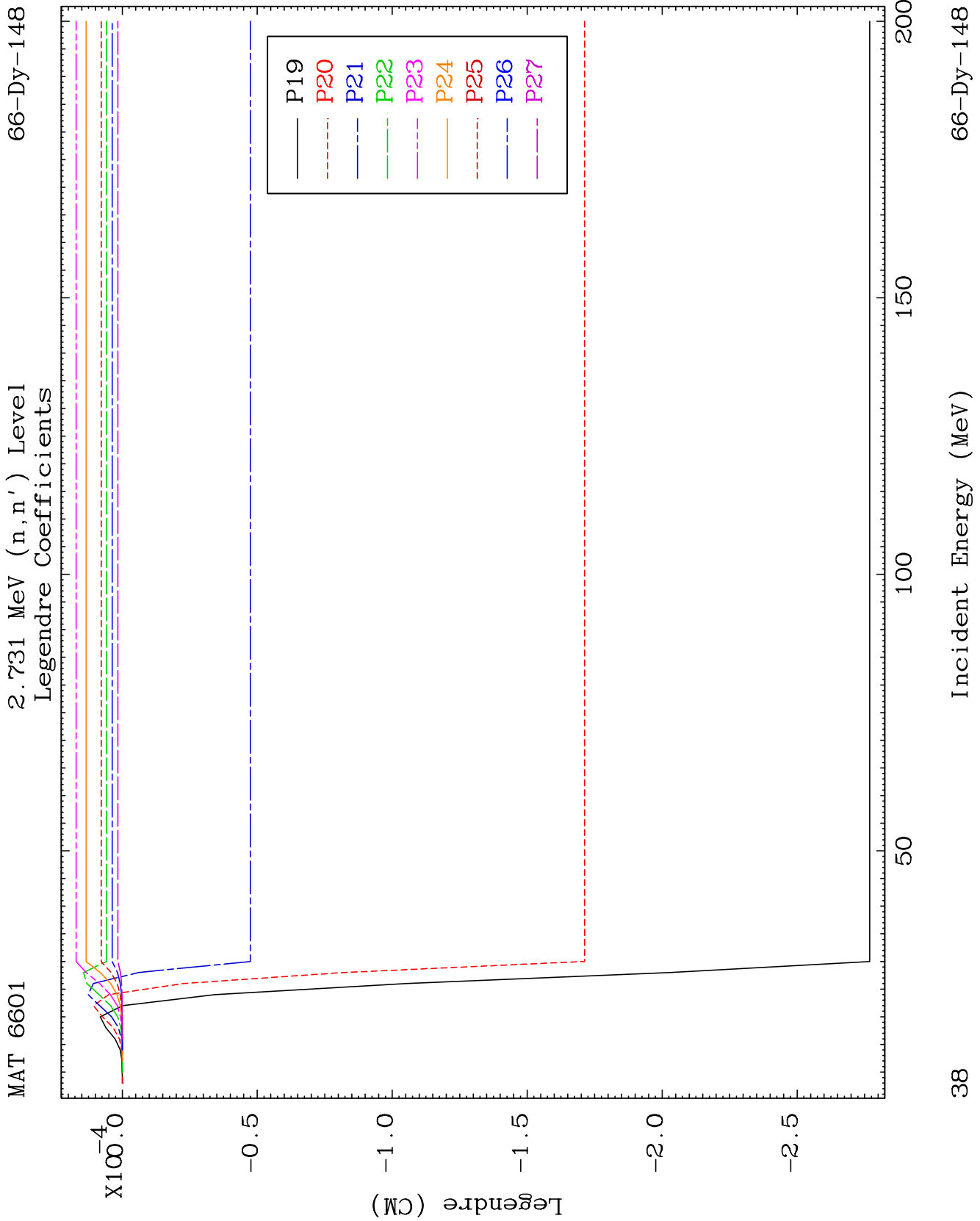














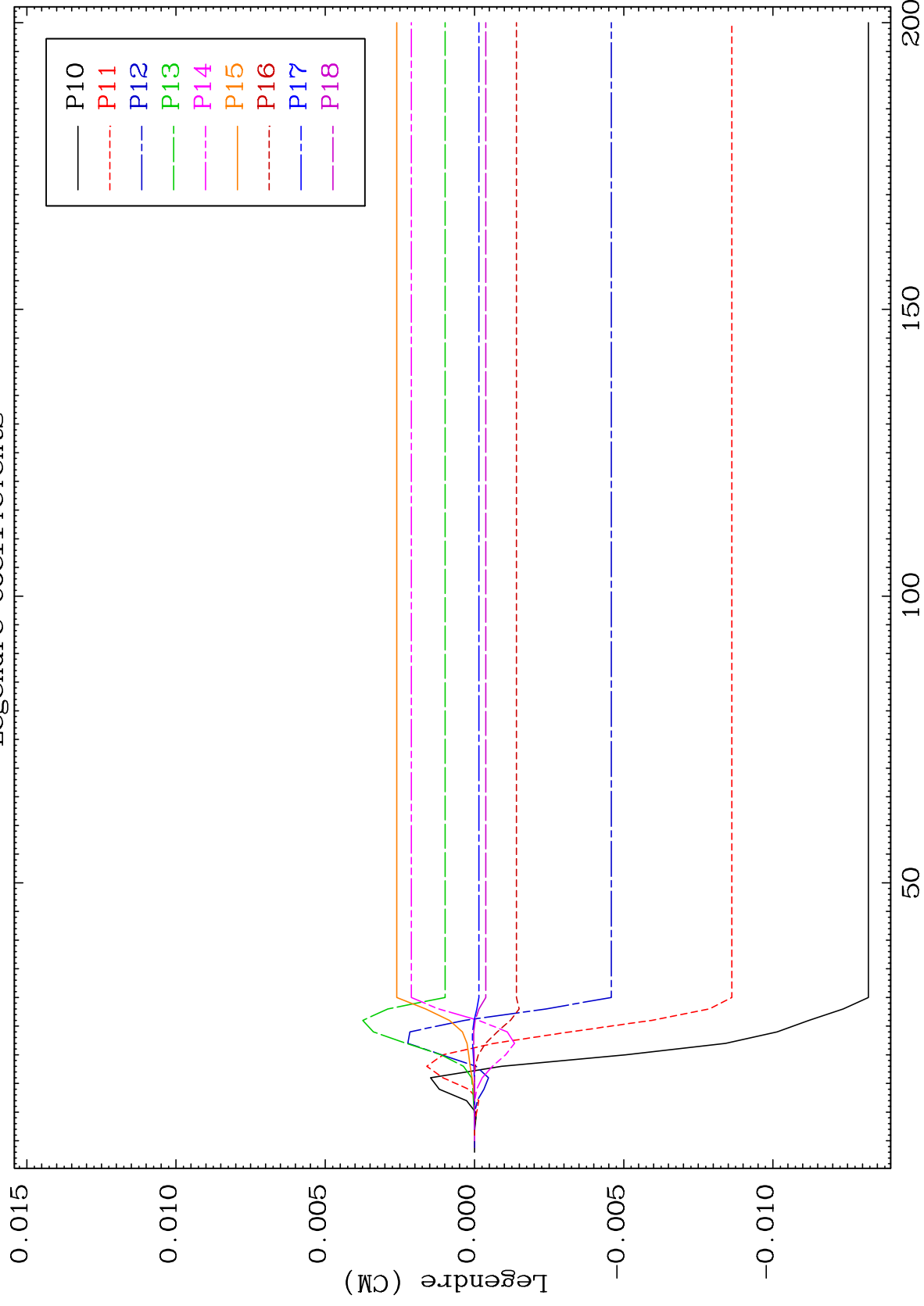


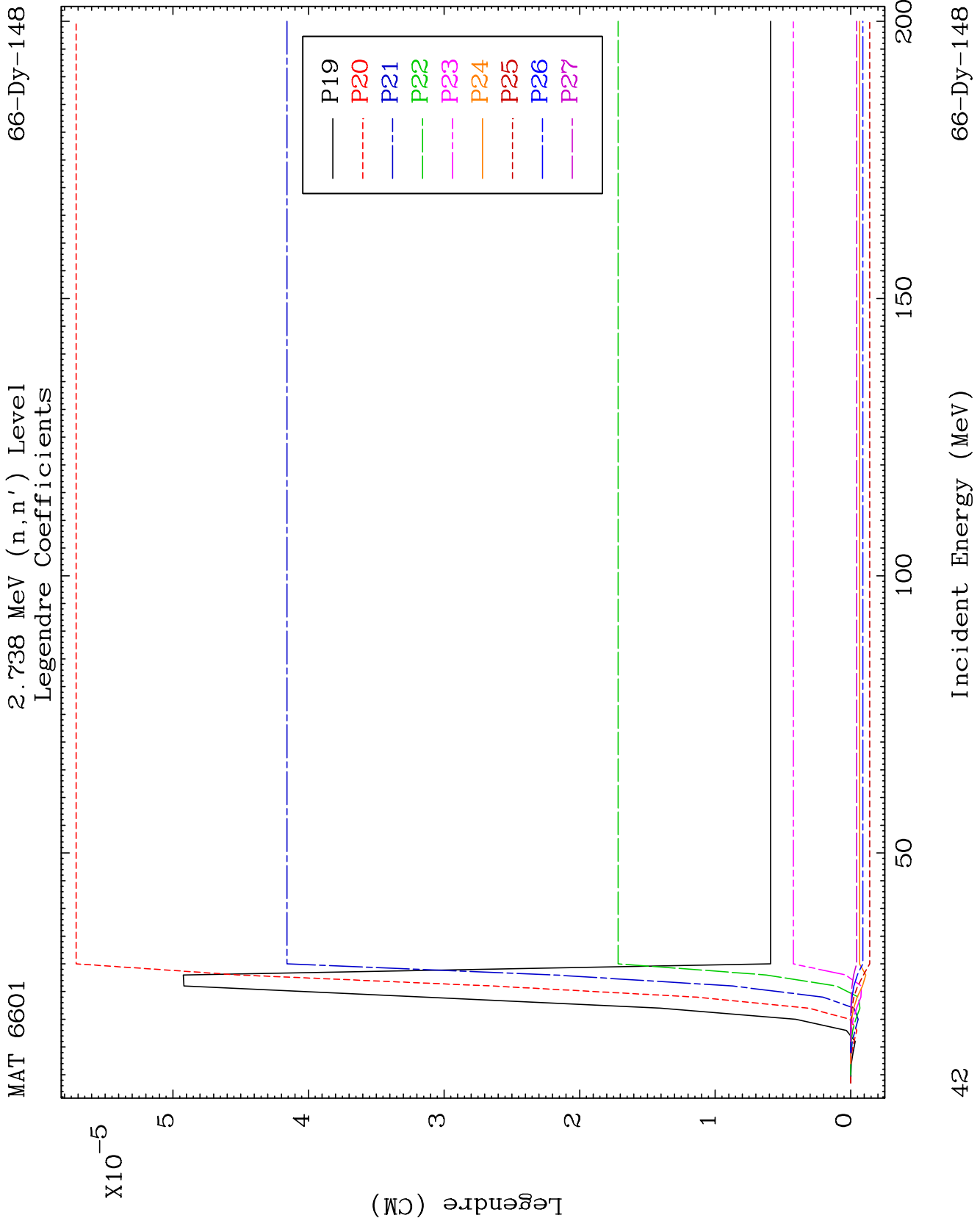


MAT 6601

2.738 MeV (n,n') Level  
Legendre Coefficients

66-Dy-148



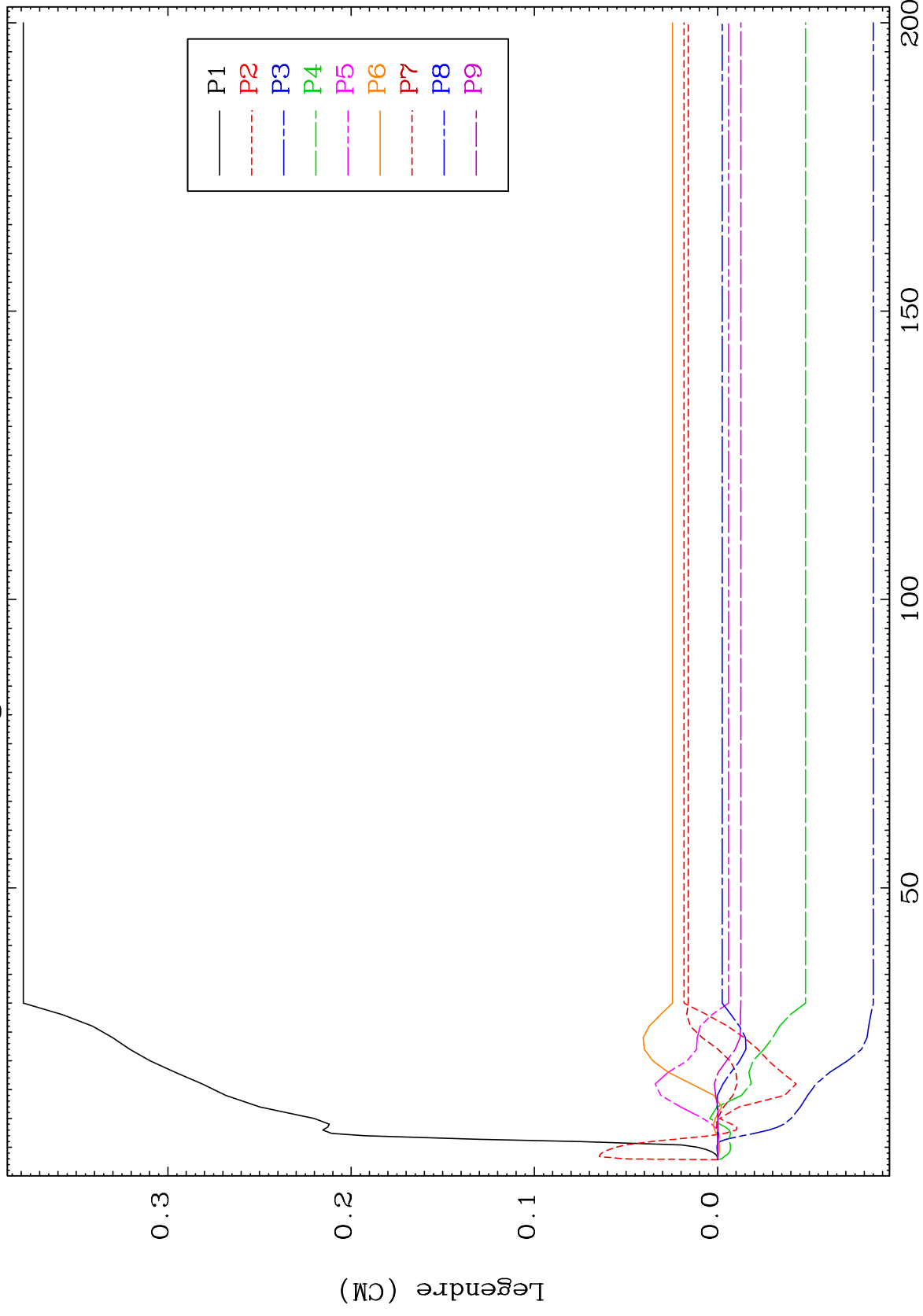




MAT 6601

2.832 MeV (n,n') Level  
Legendre Coefficients

66-Dy-148



44

Incident Energy (MeV)

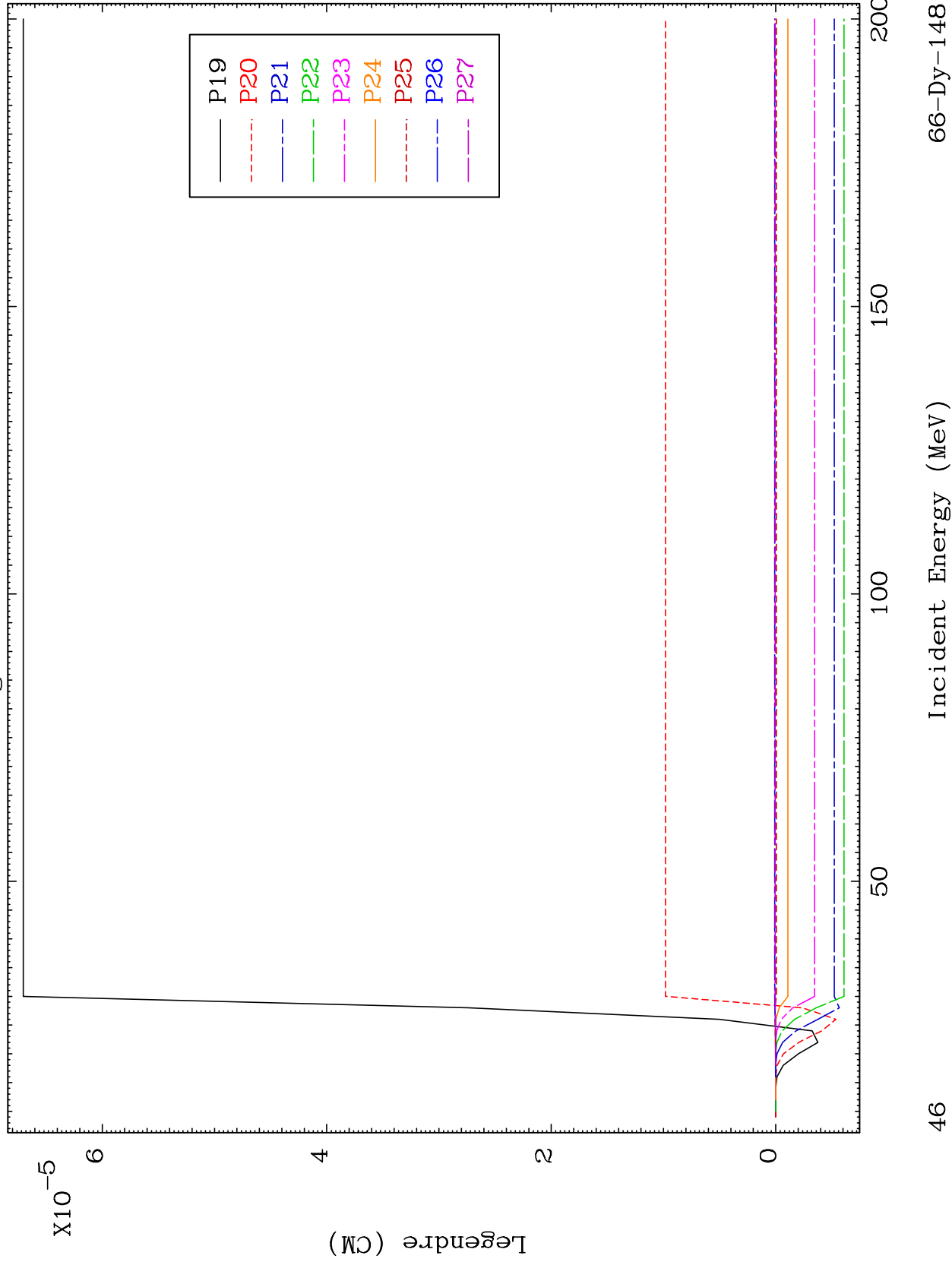
66-Dy-148

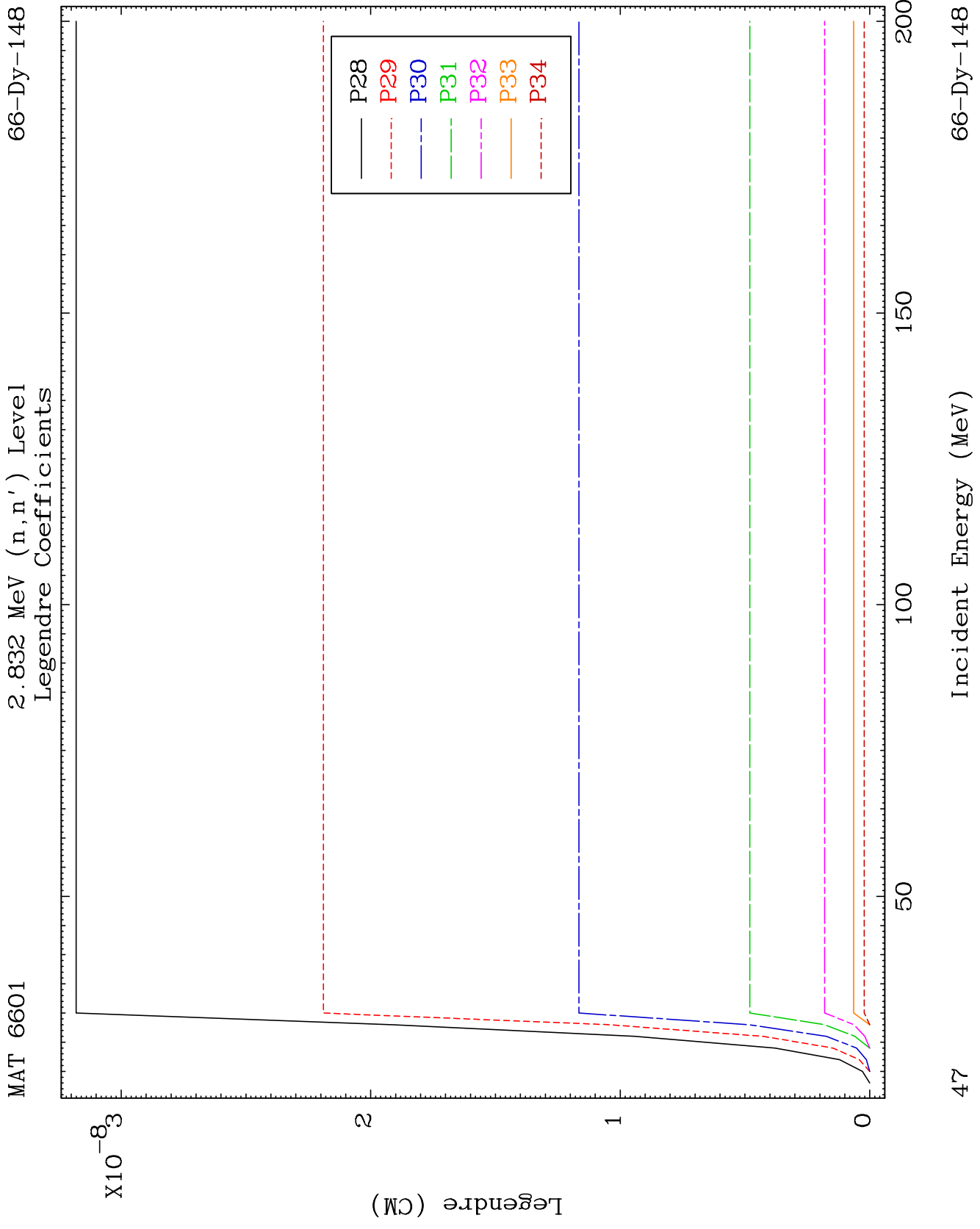


MAT 6601

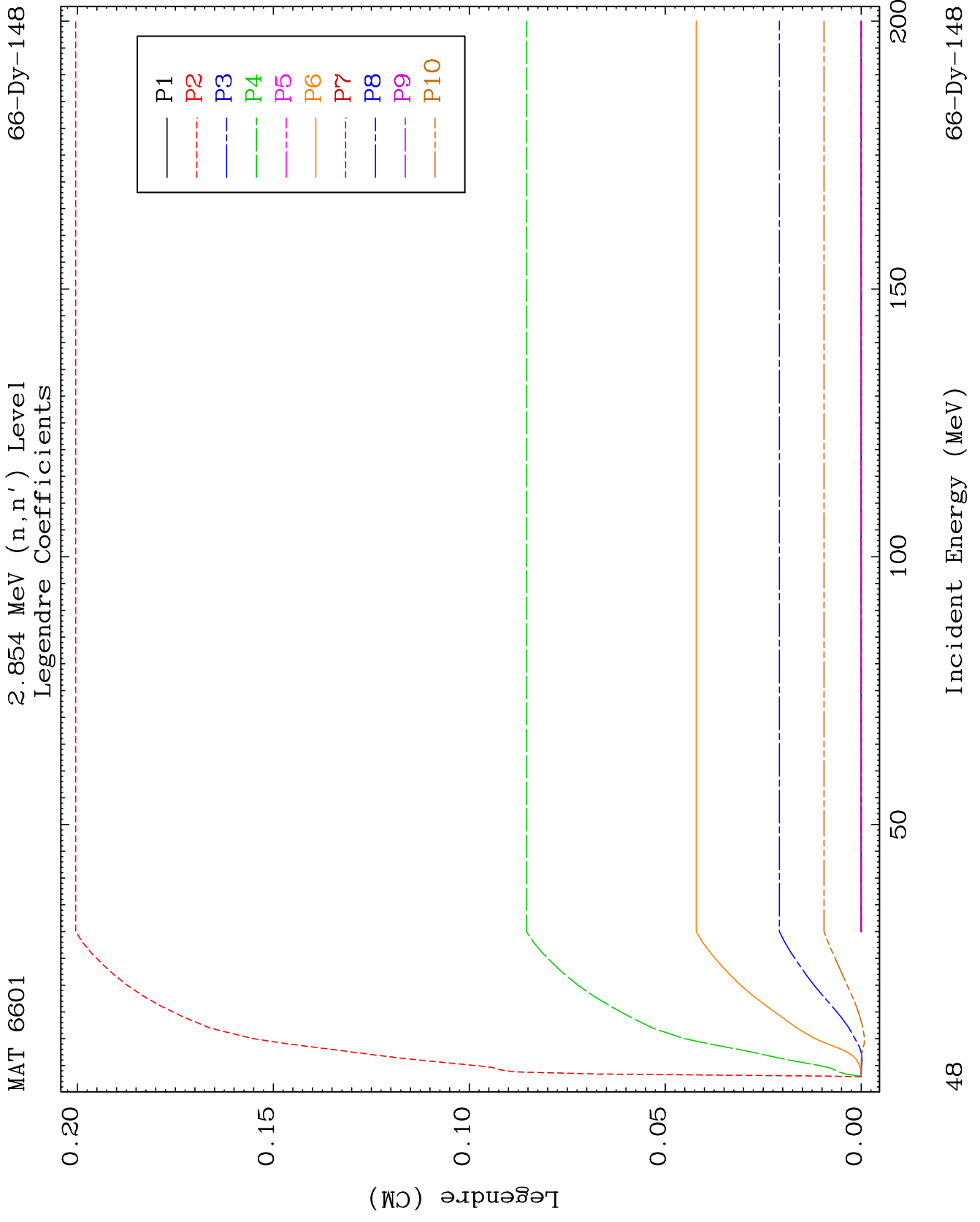
2.832 MeV (n,n') Level  
Legendre Coefficients

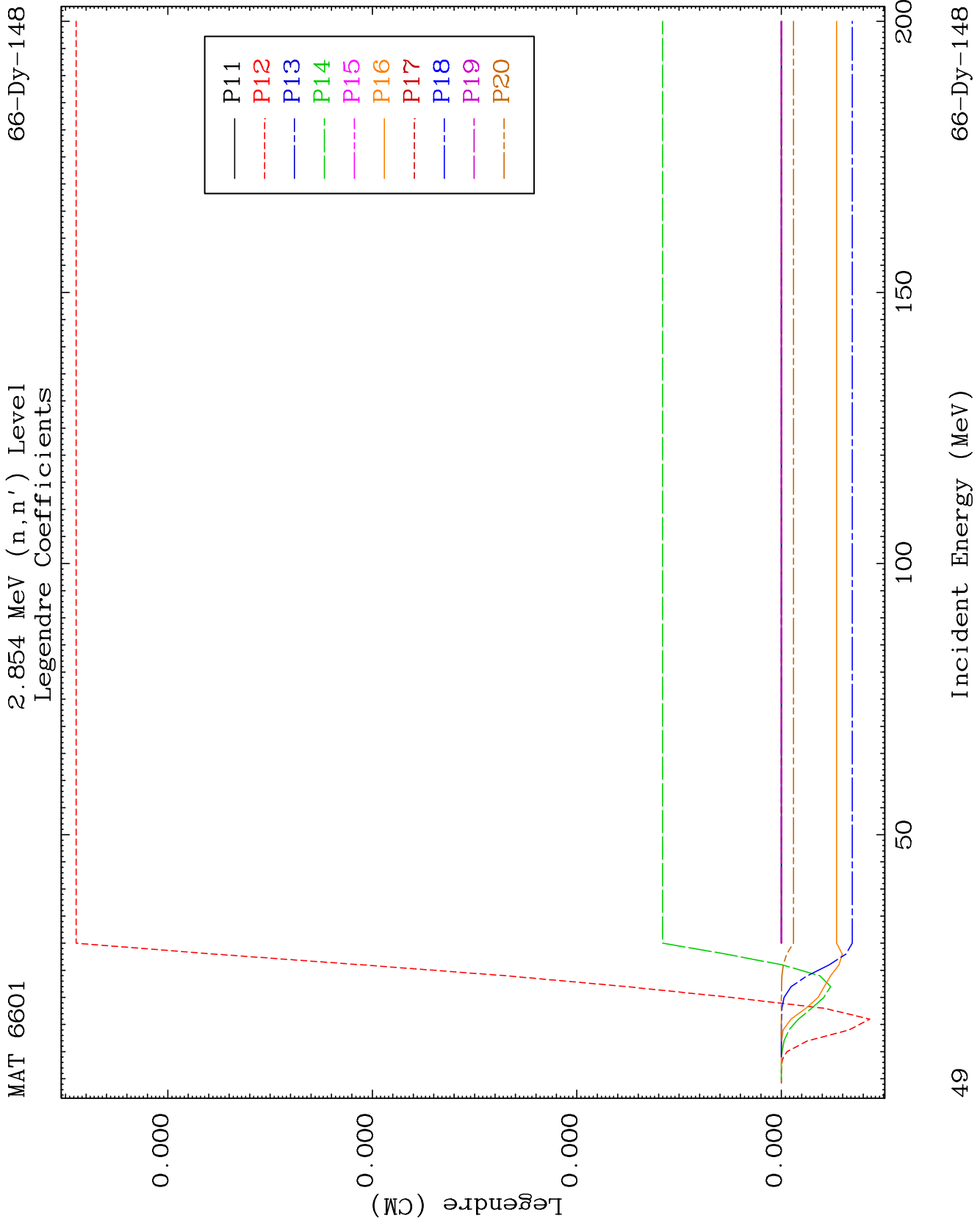
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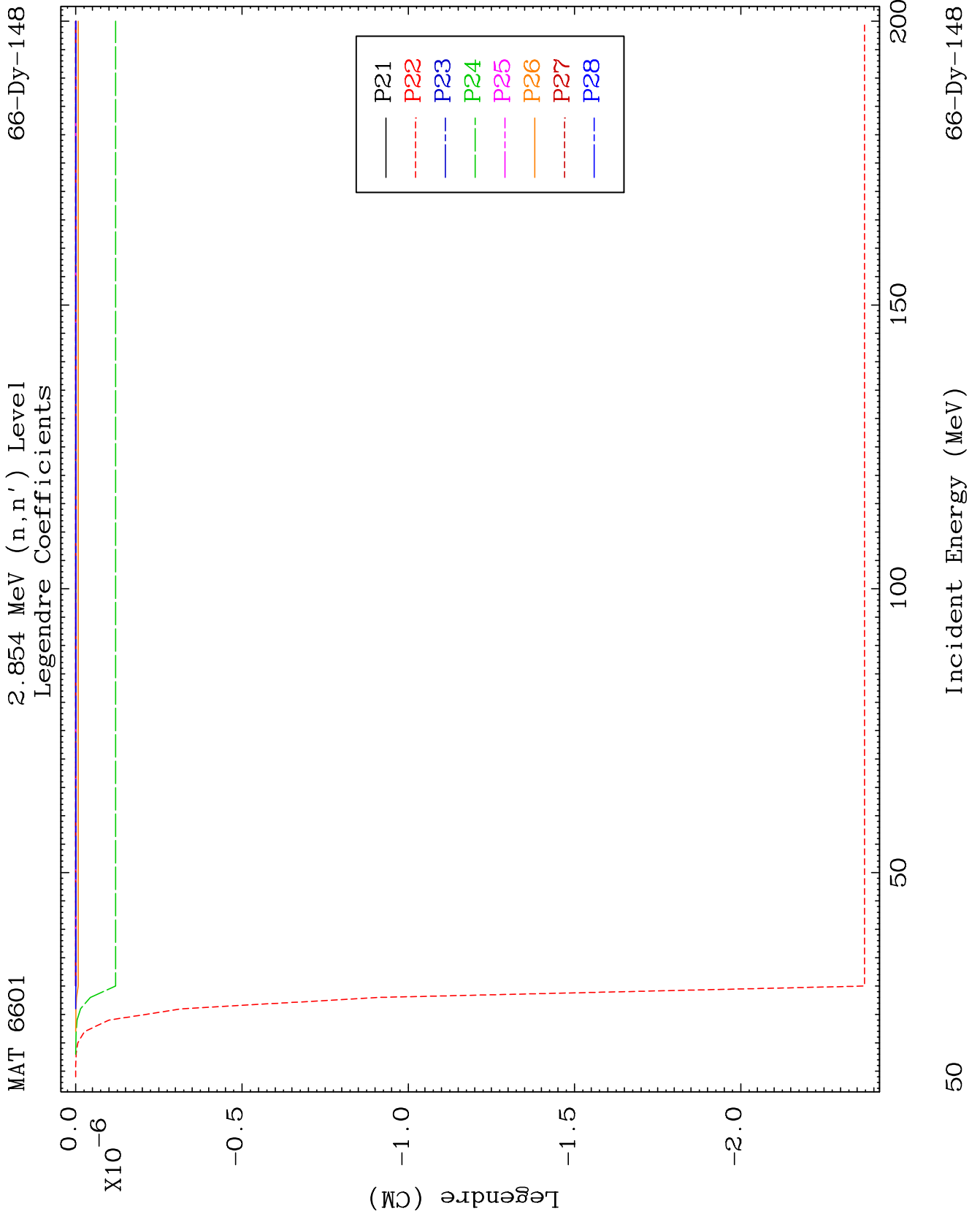


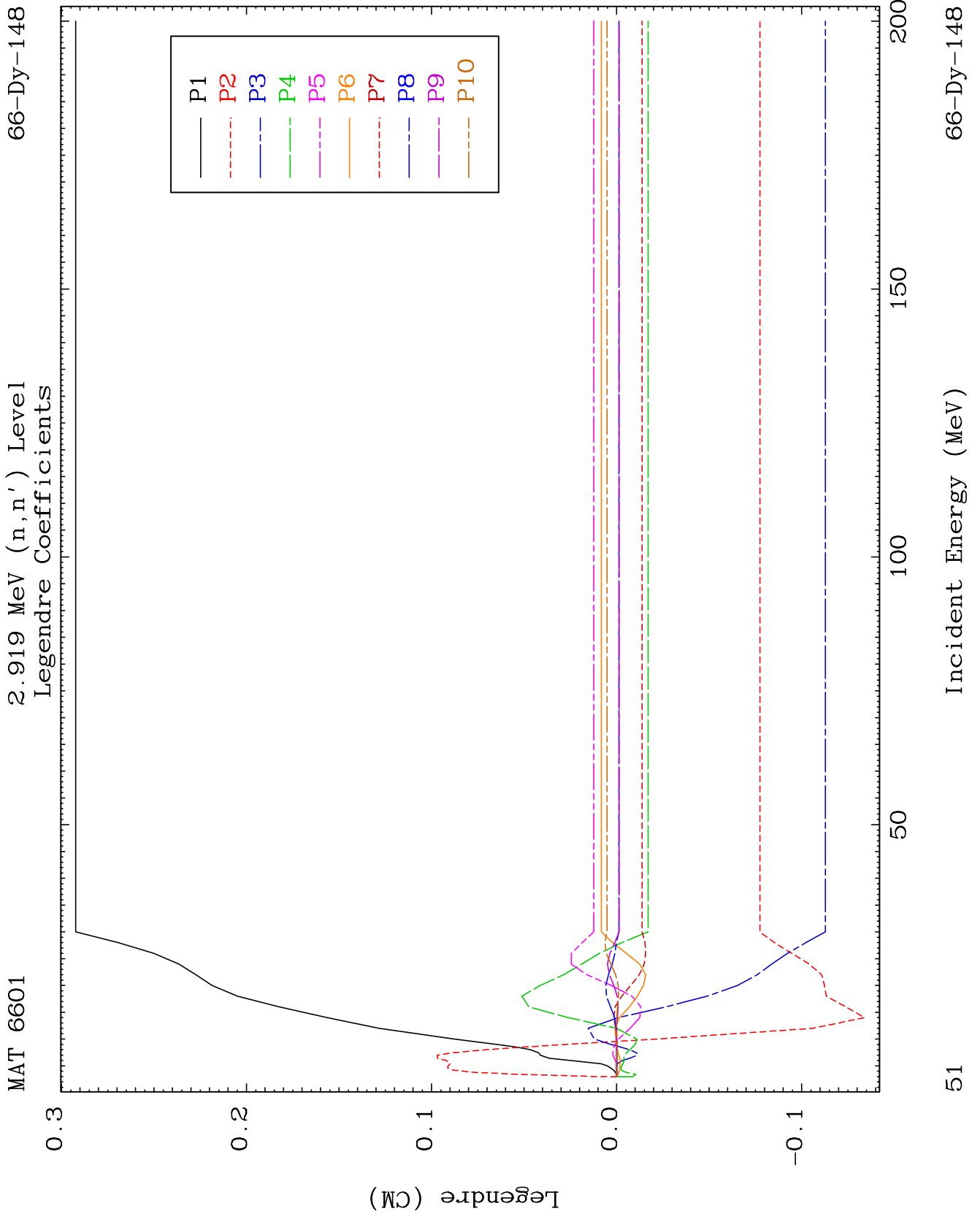








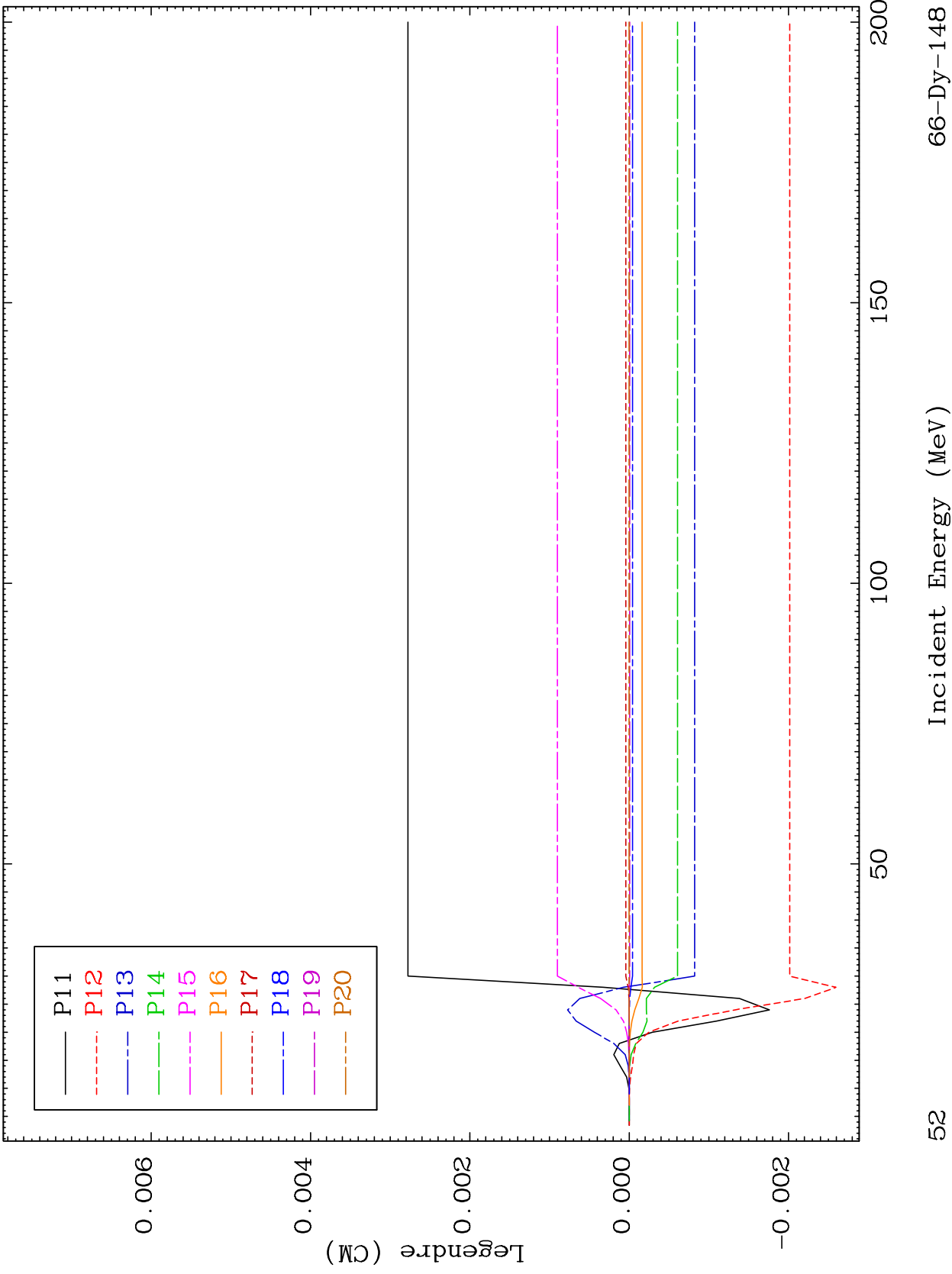


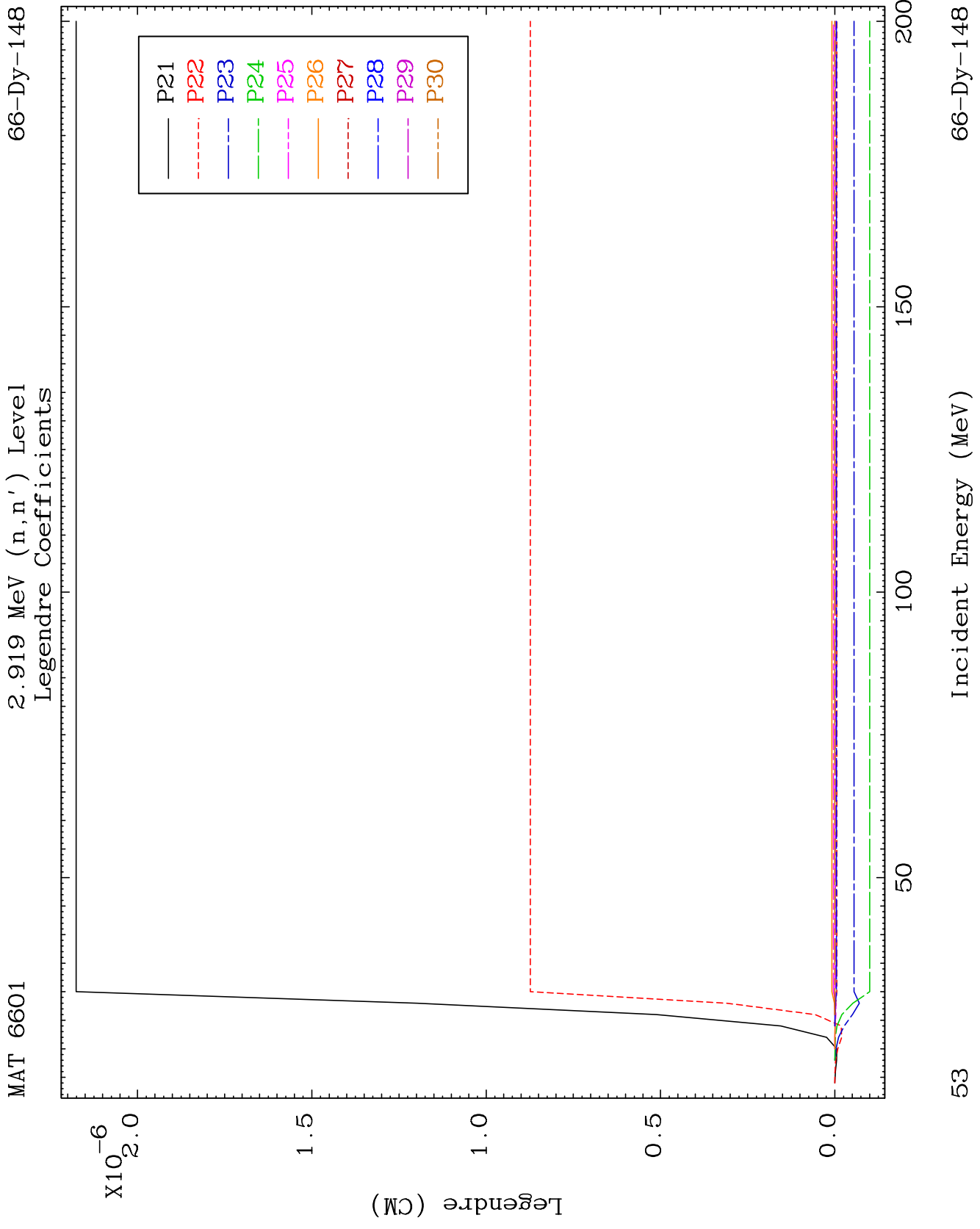


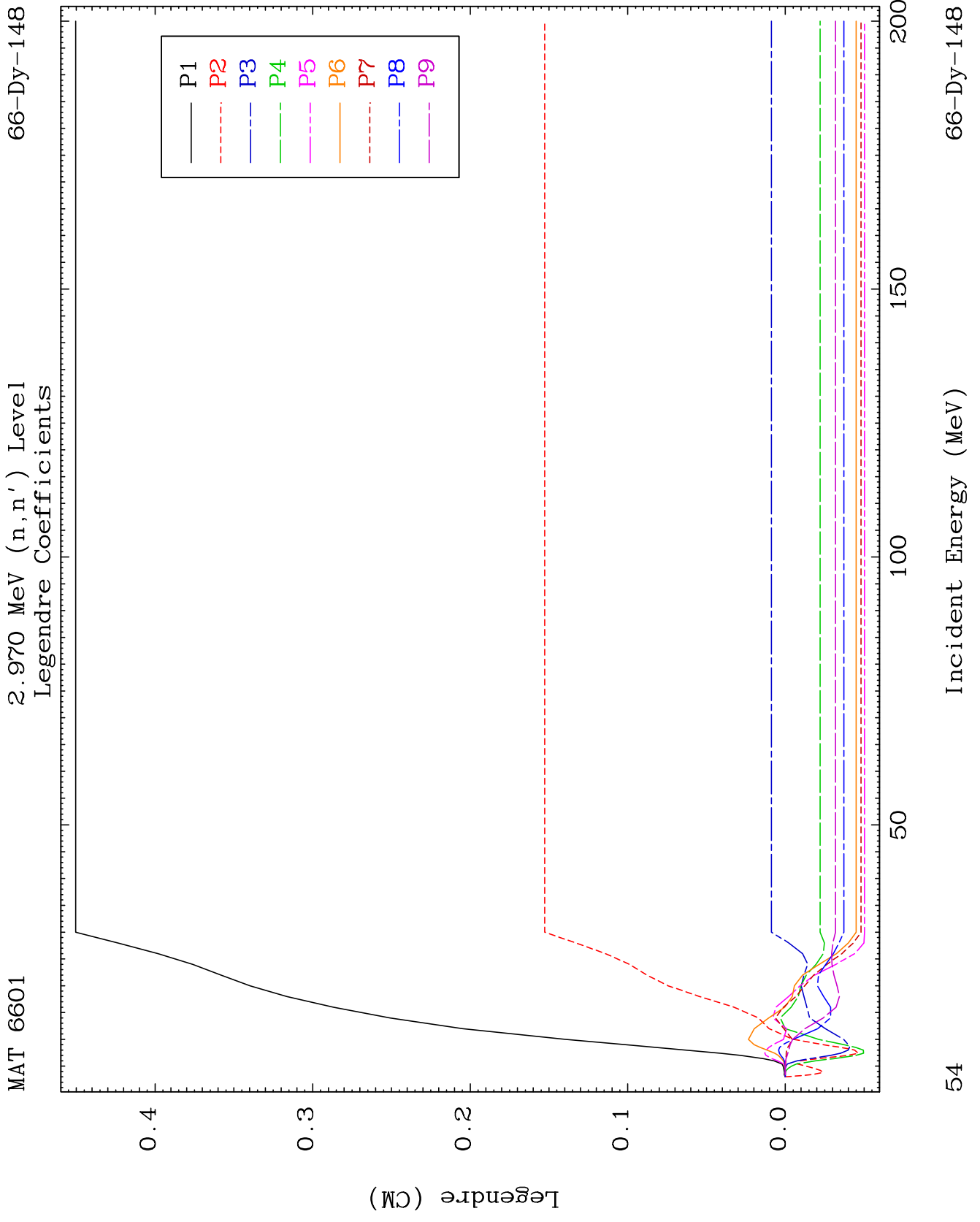
MAT 6601

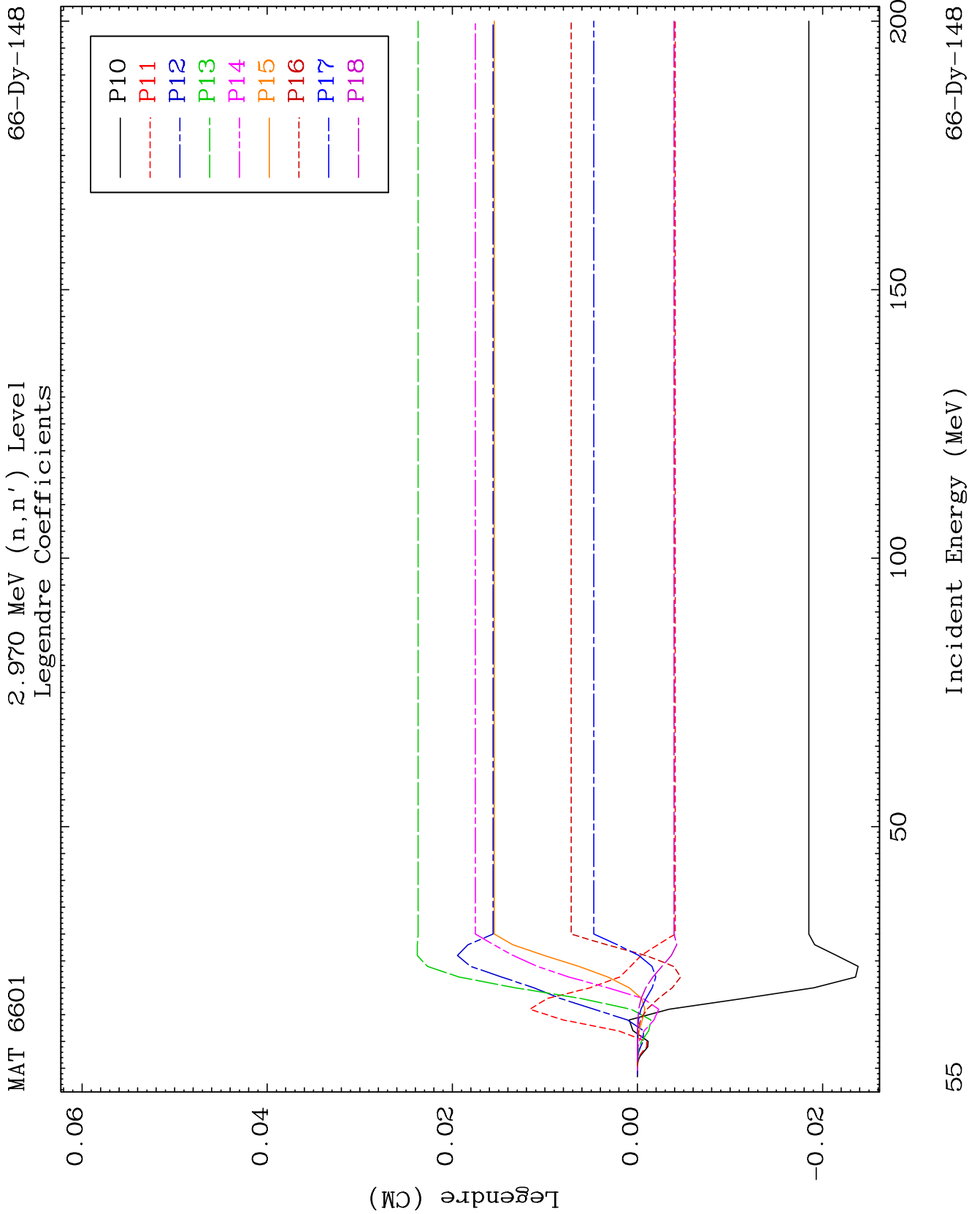
2.919 MeV (n,n') Level  
Legendre Coefficients

66-Dy-148

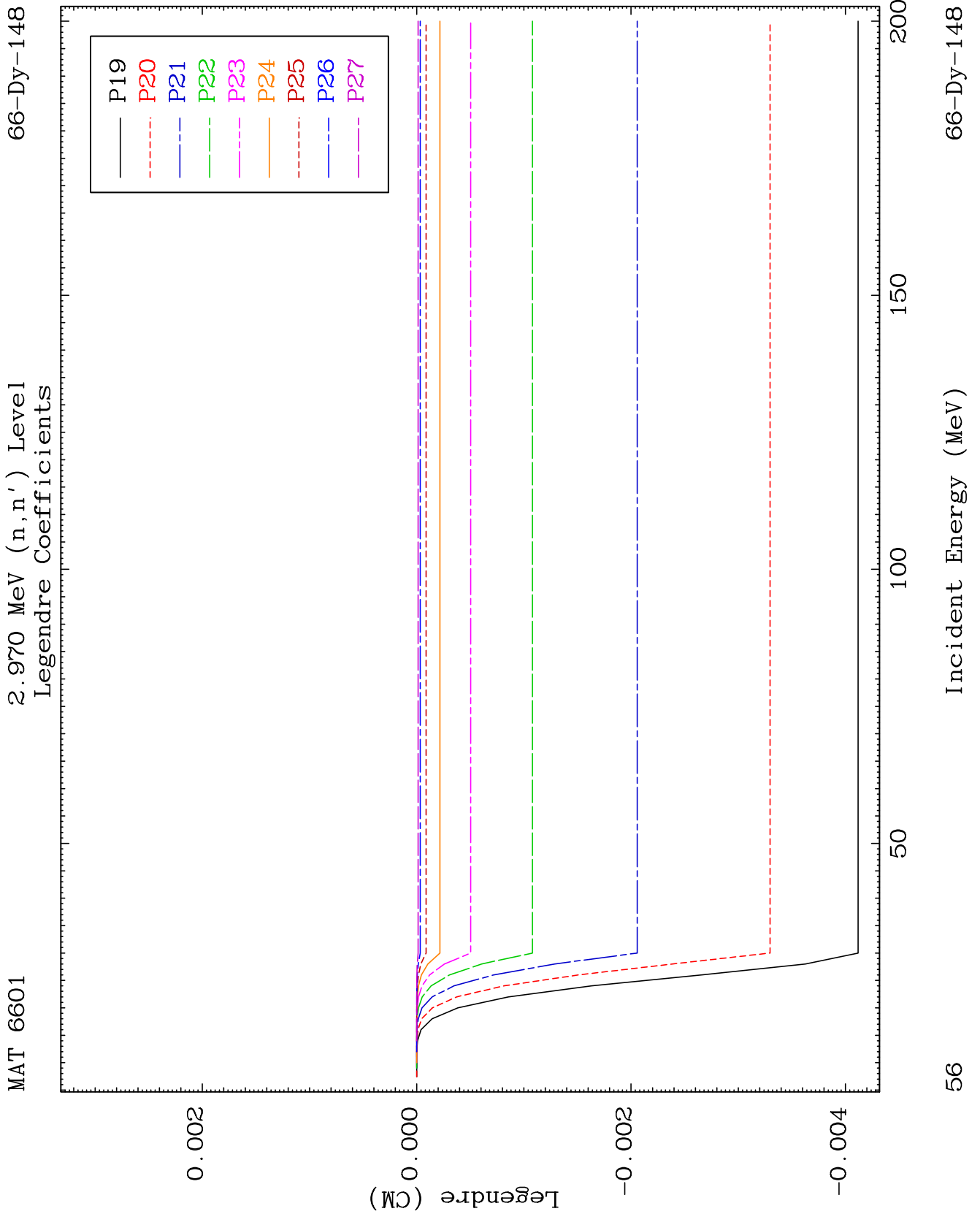


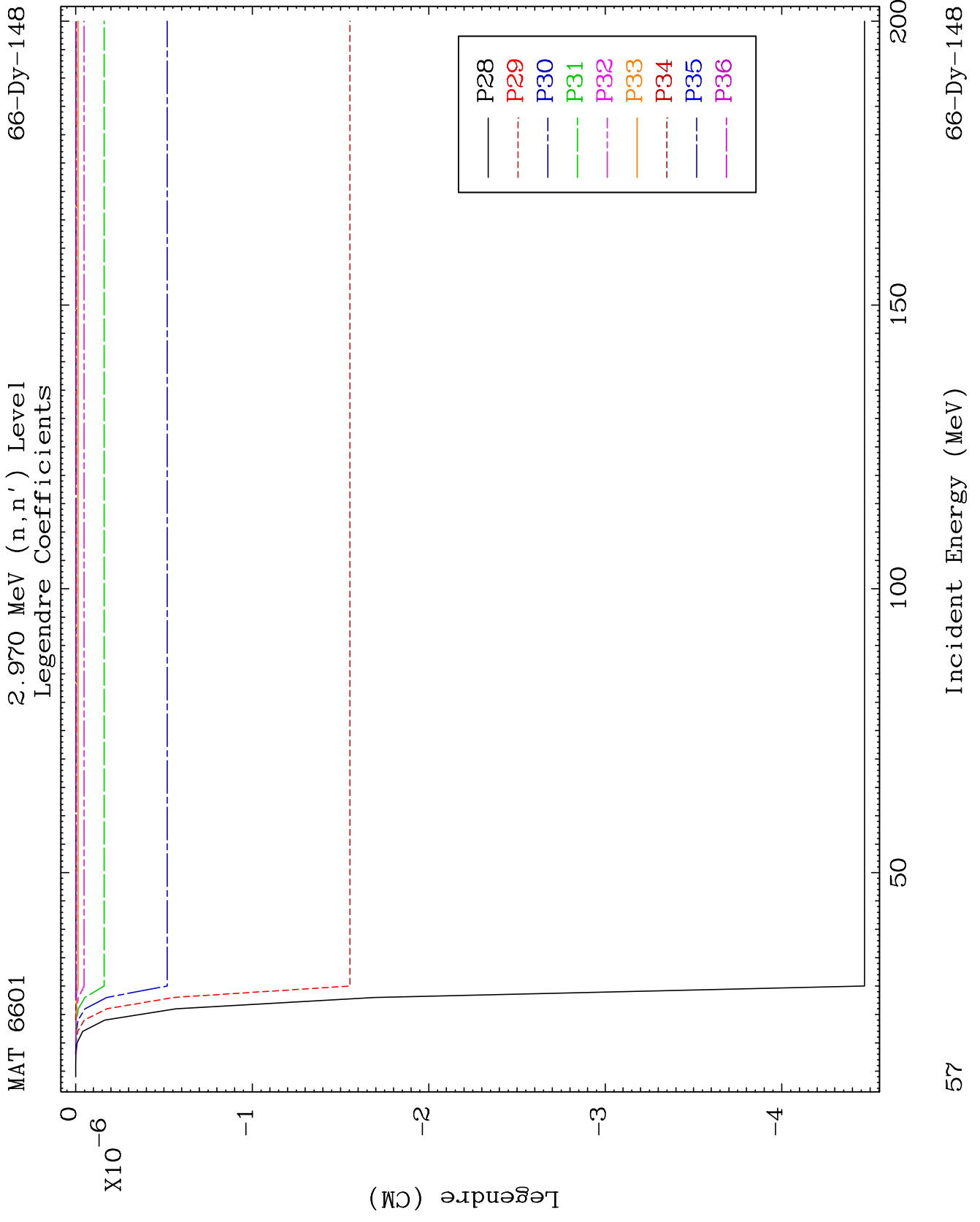




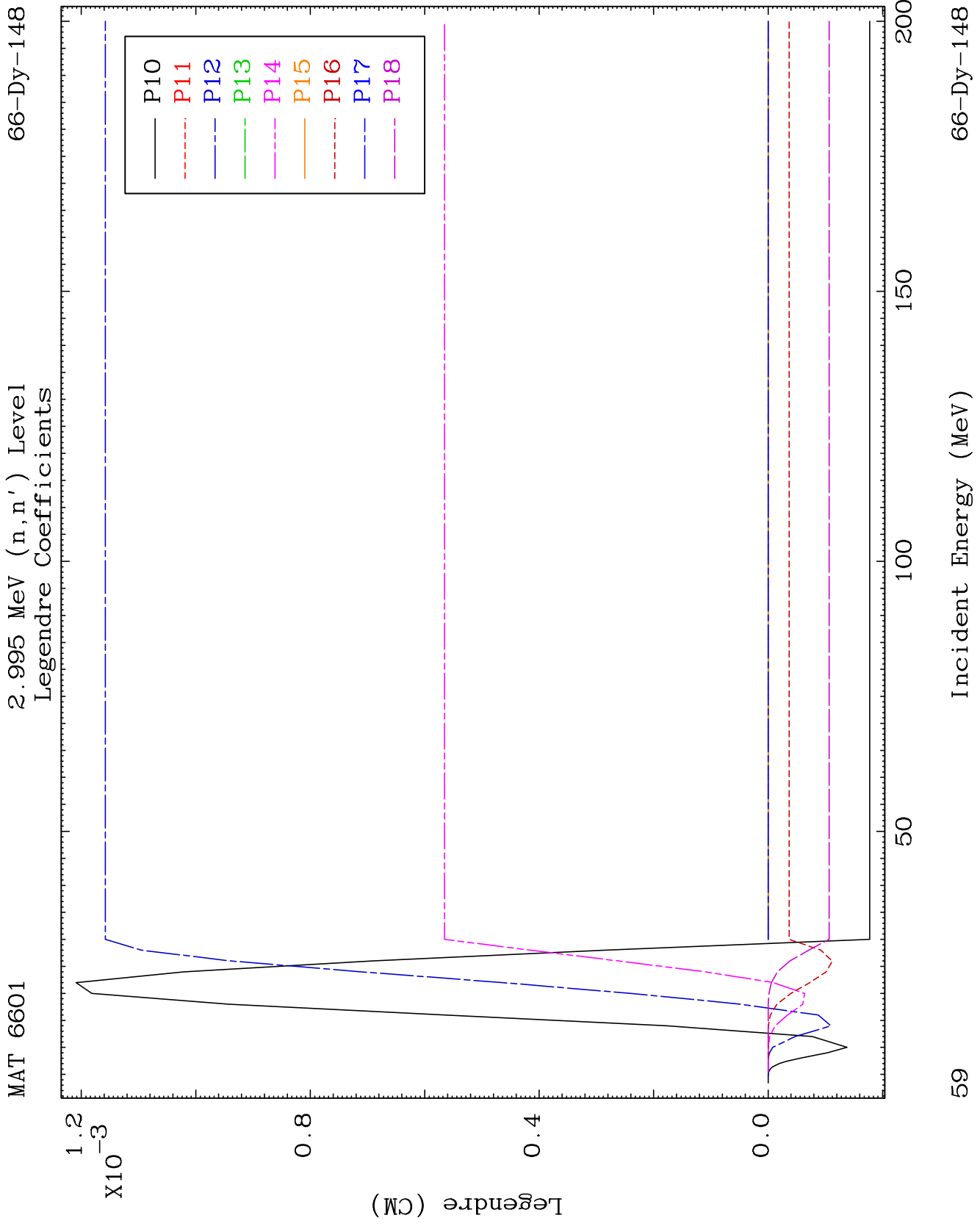


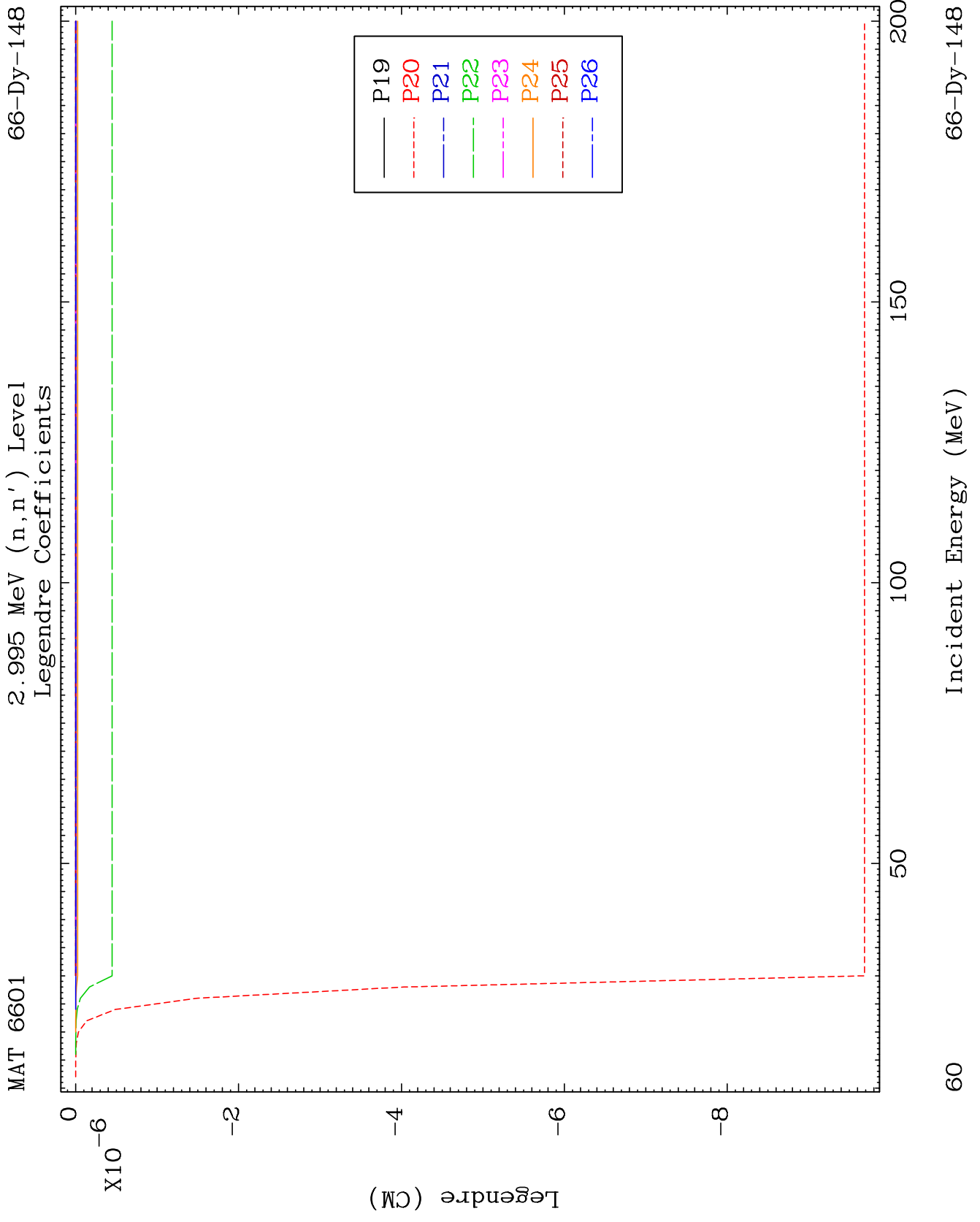


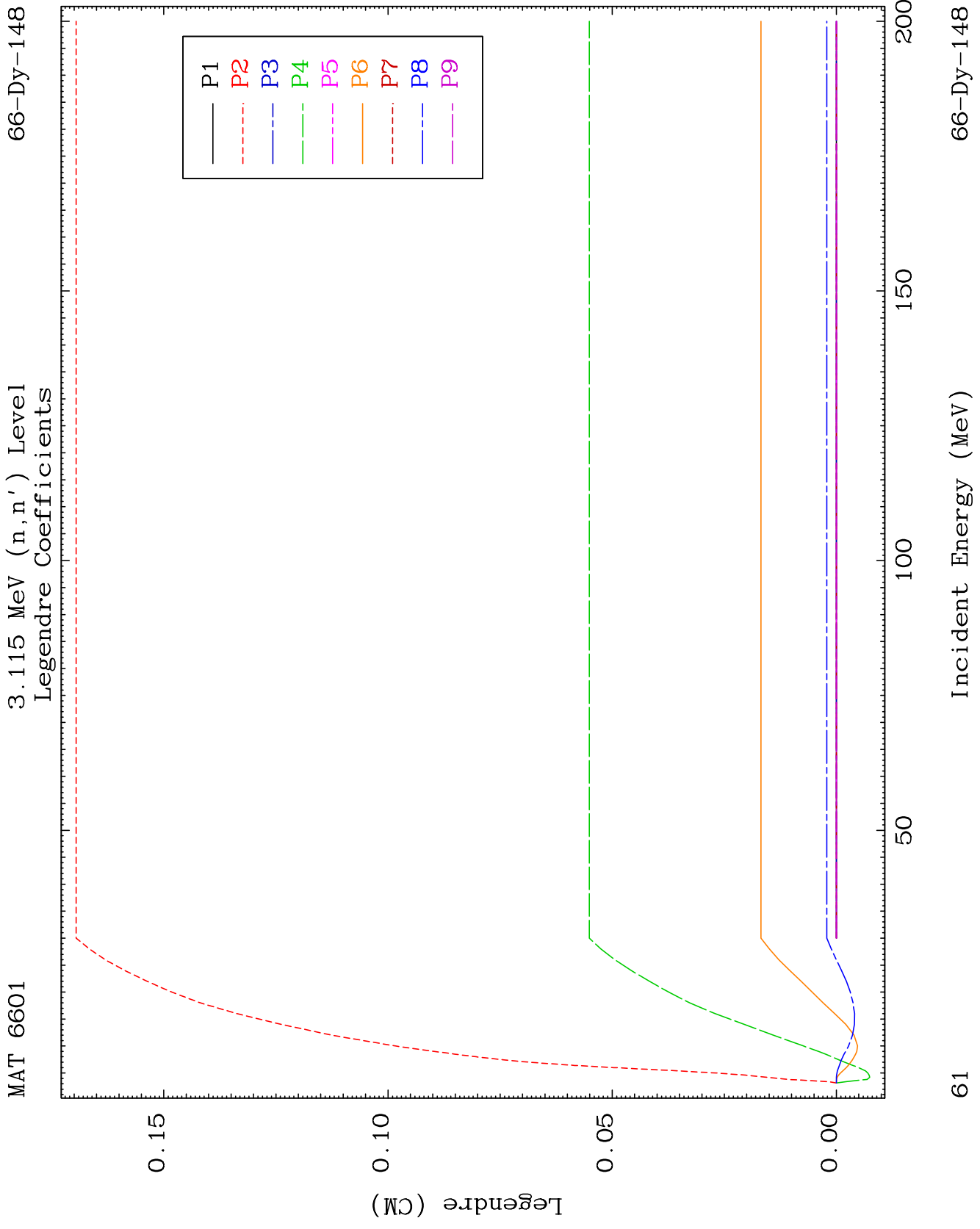








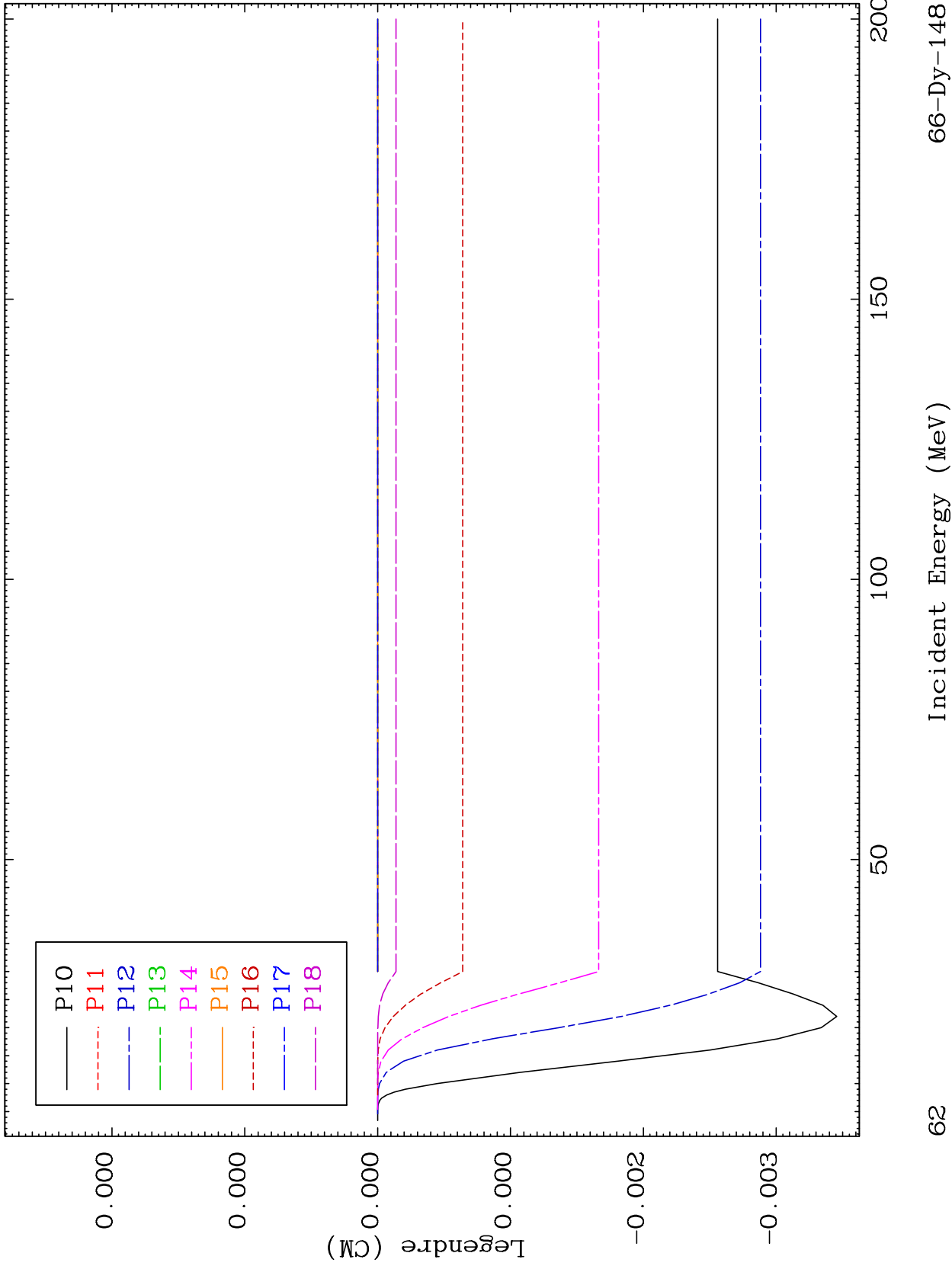




MAT 6601

3.115 MeV (n,n') Level  
Legendre Coefficients

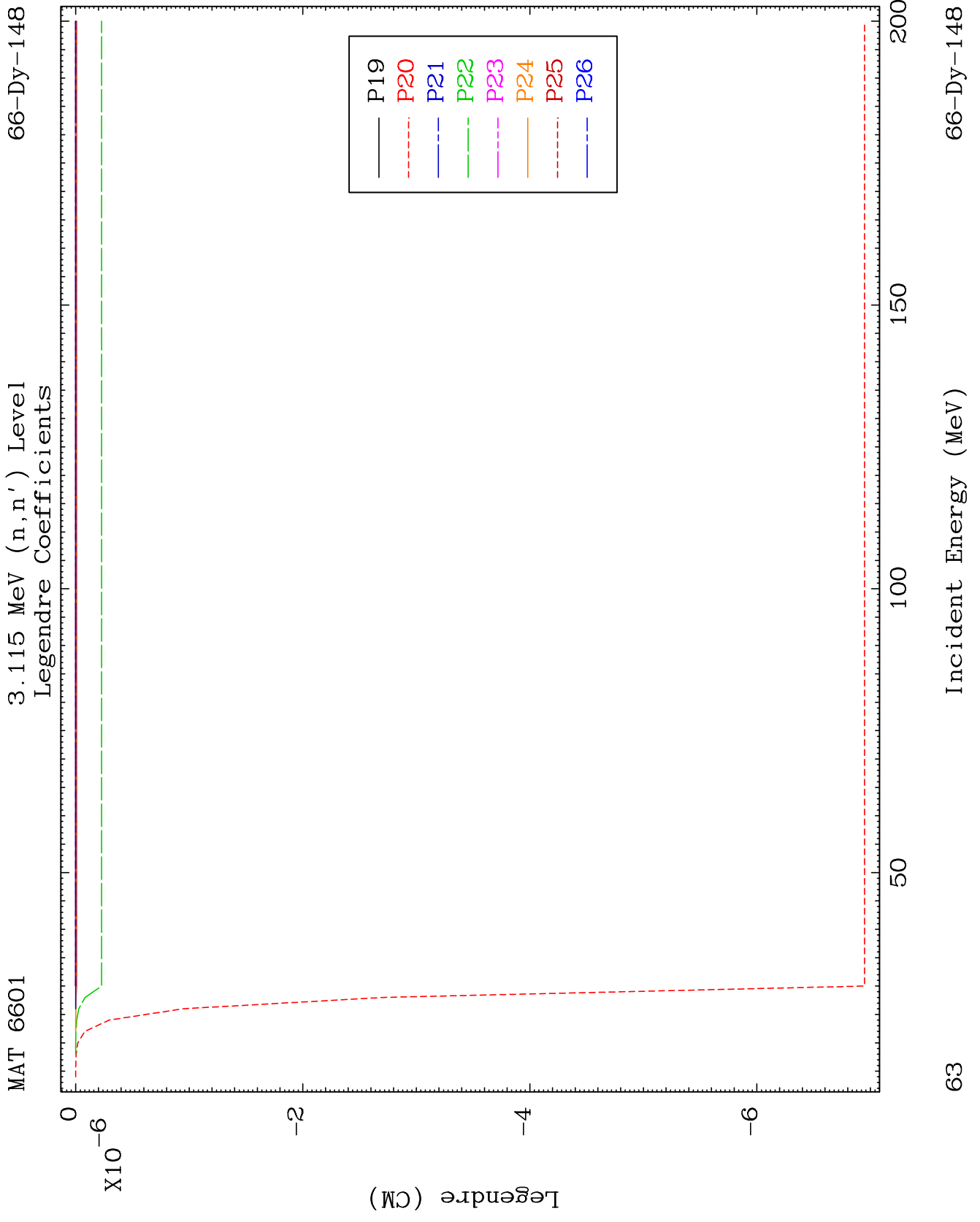
66-Dy-148



62

Incident Energy (MeV)

66-Dy-148

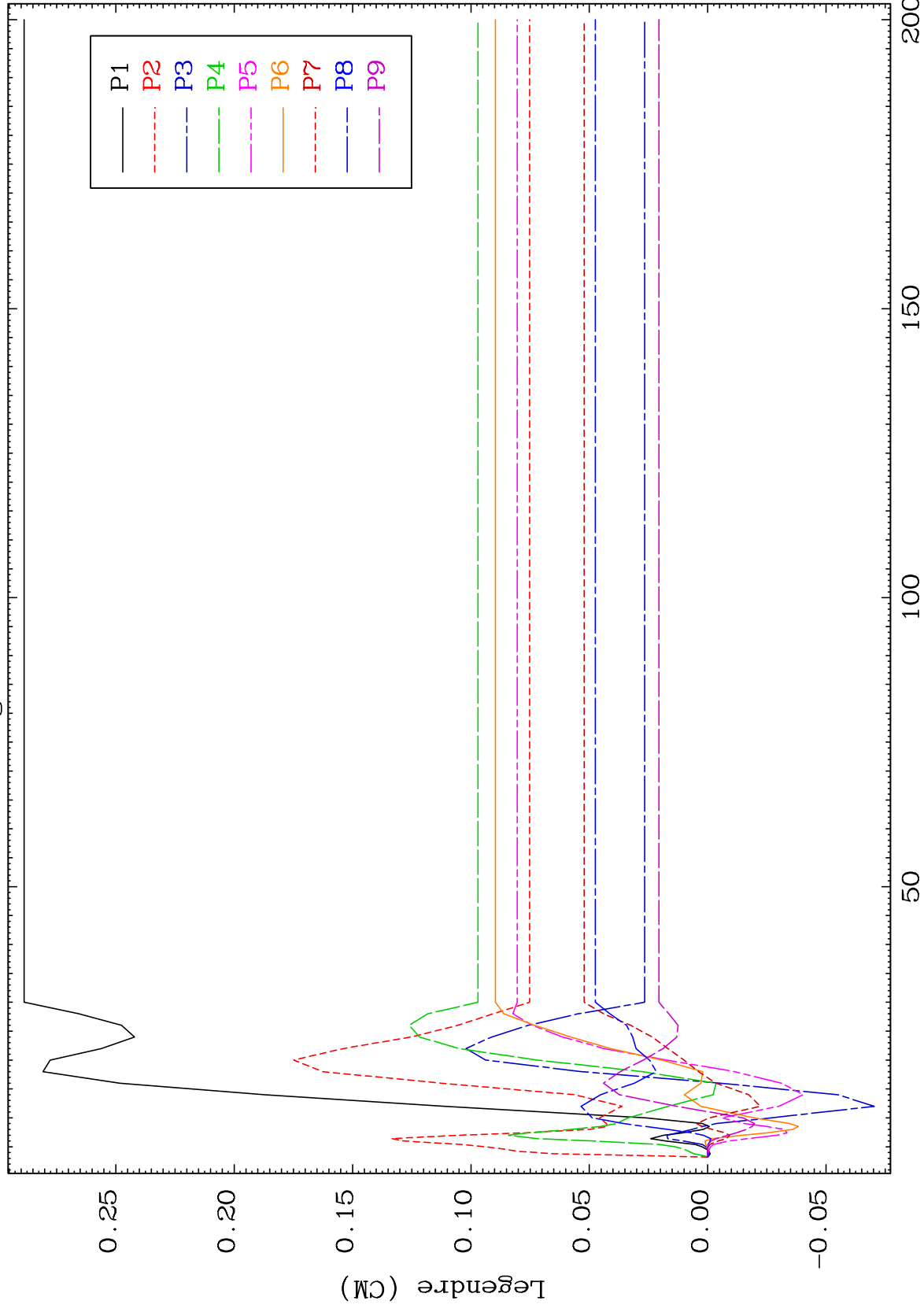




MAT 6601

3.172 MeV (n,n') Level  
Legendre Coefficients

66-Dy-148



64

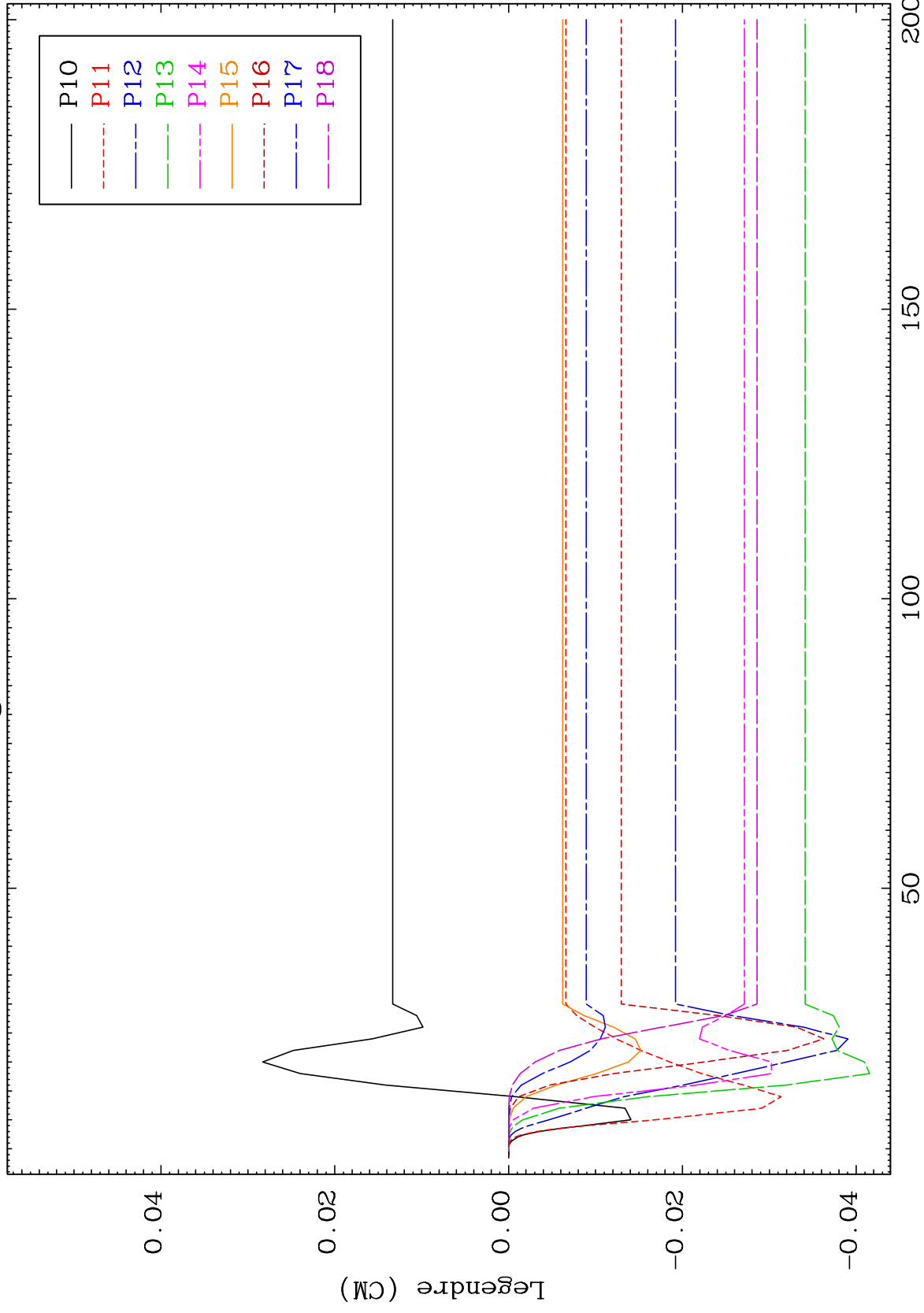
Incident Energy (MeV)

66-Dy-148

MAT 6601

3.172 MeV (n,n') Level  
Legendre Coefficients

66-Dy-148

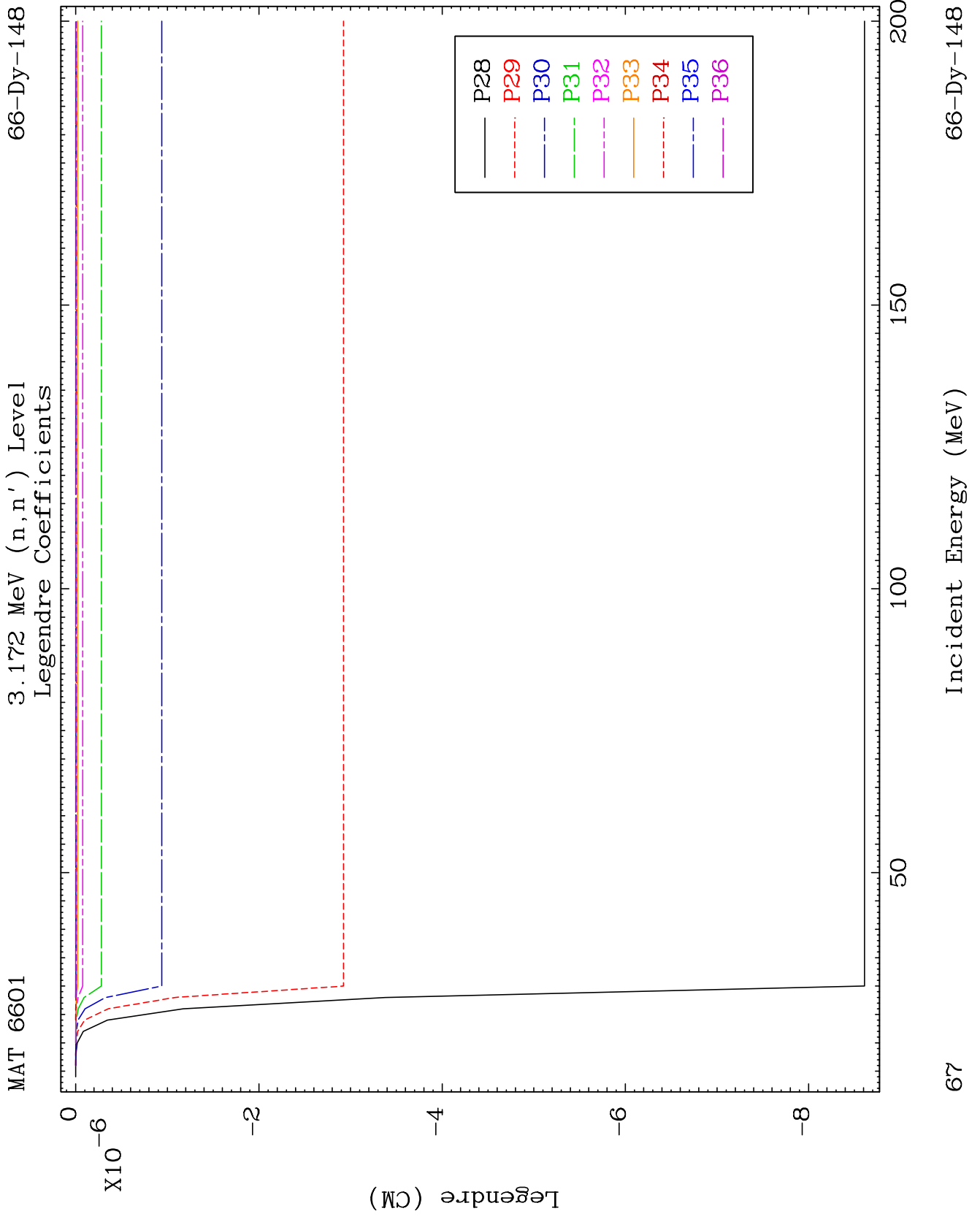


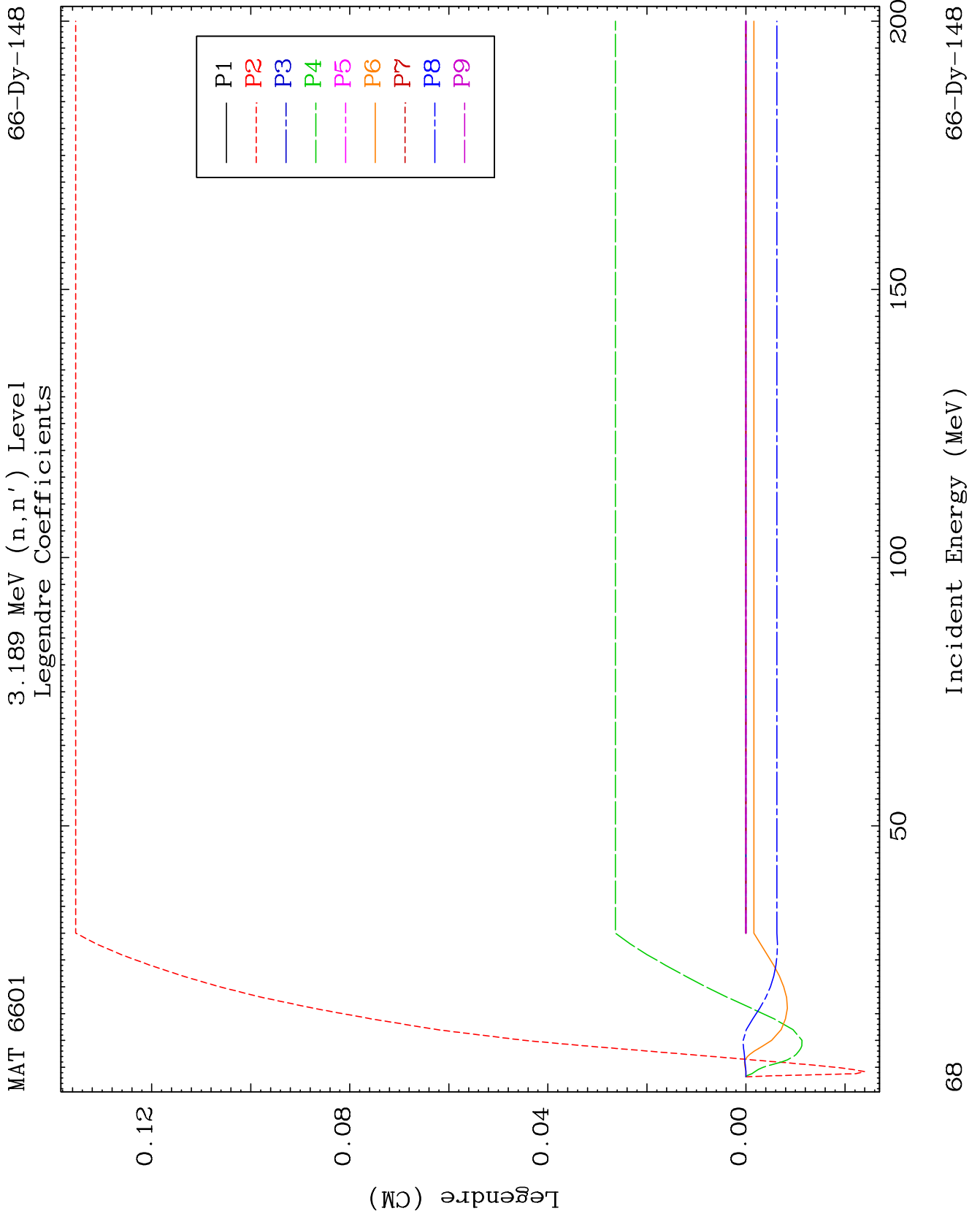
65

Incident Energy (MeV)

66-Dy-148



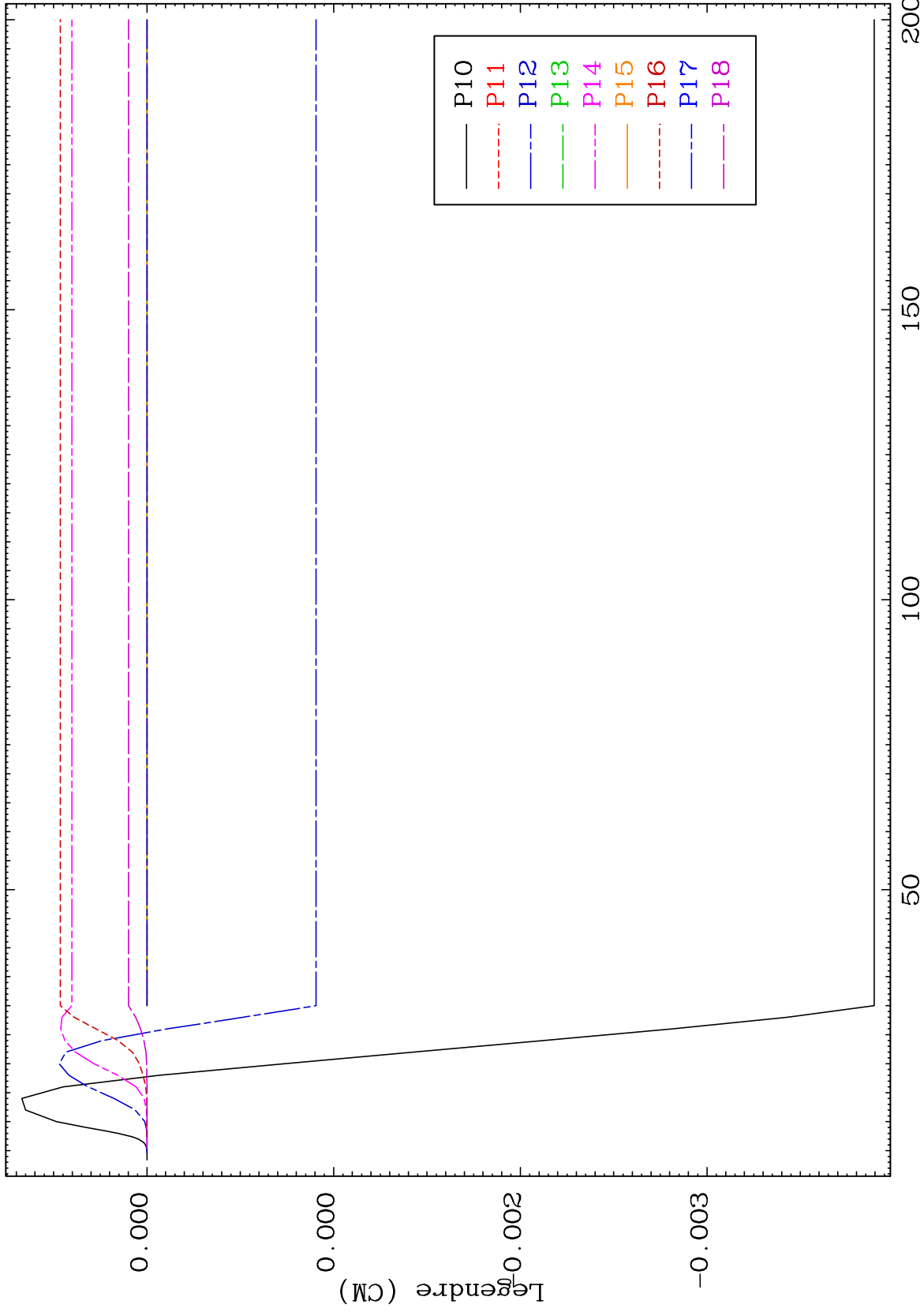




MAT 6601

3.189 MeV (n,n') Level  
Legendre Coefficients

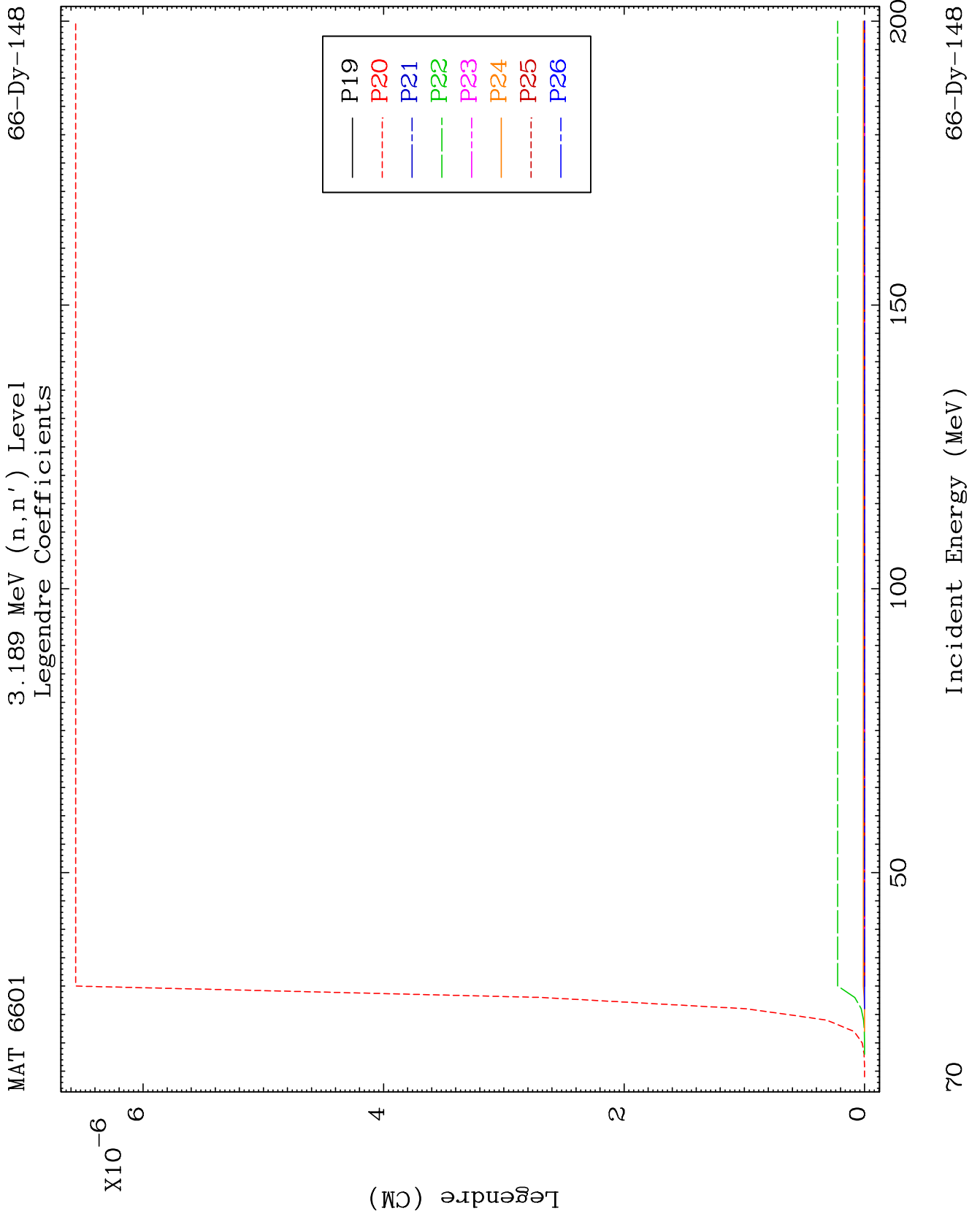
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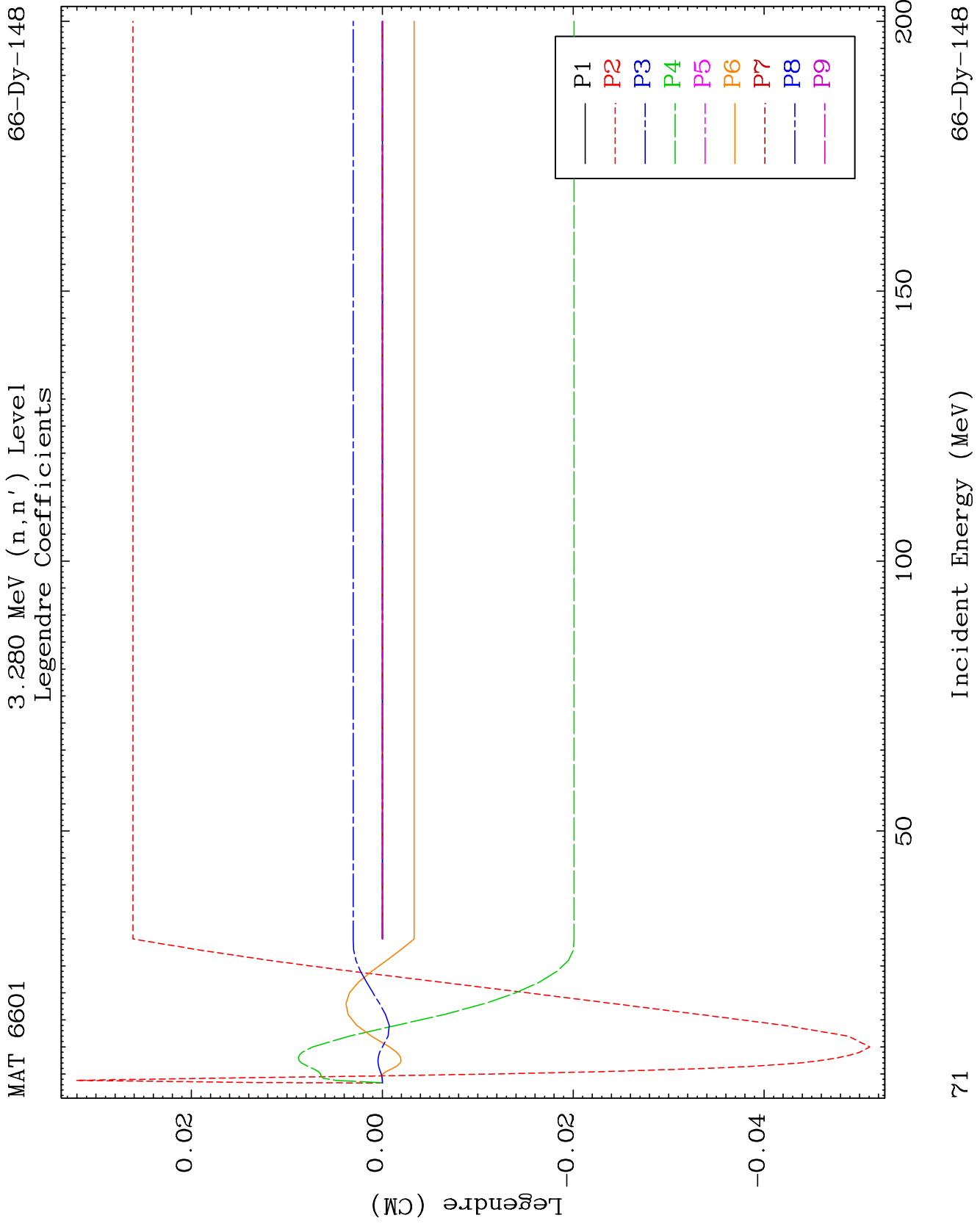


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Incident Energy (MeV)

66-Dy-148



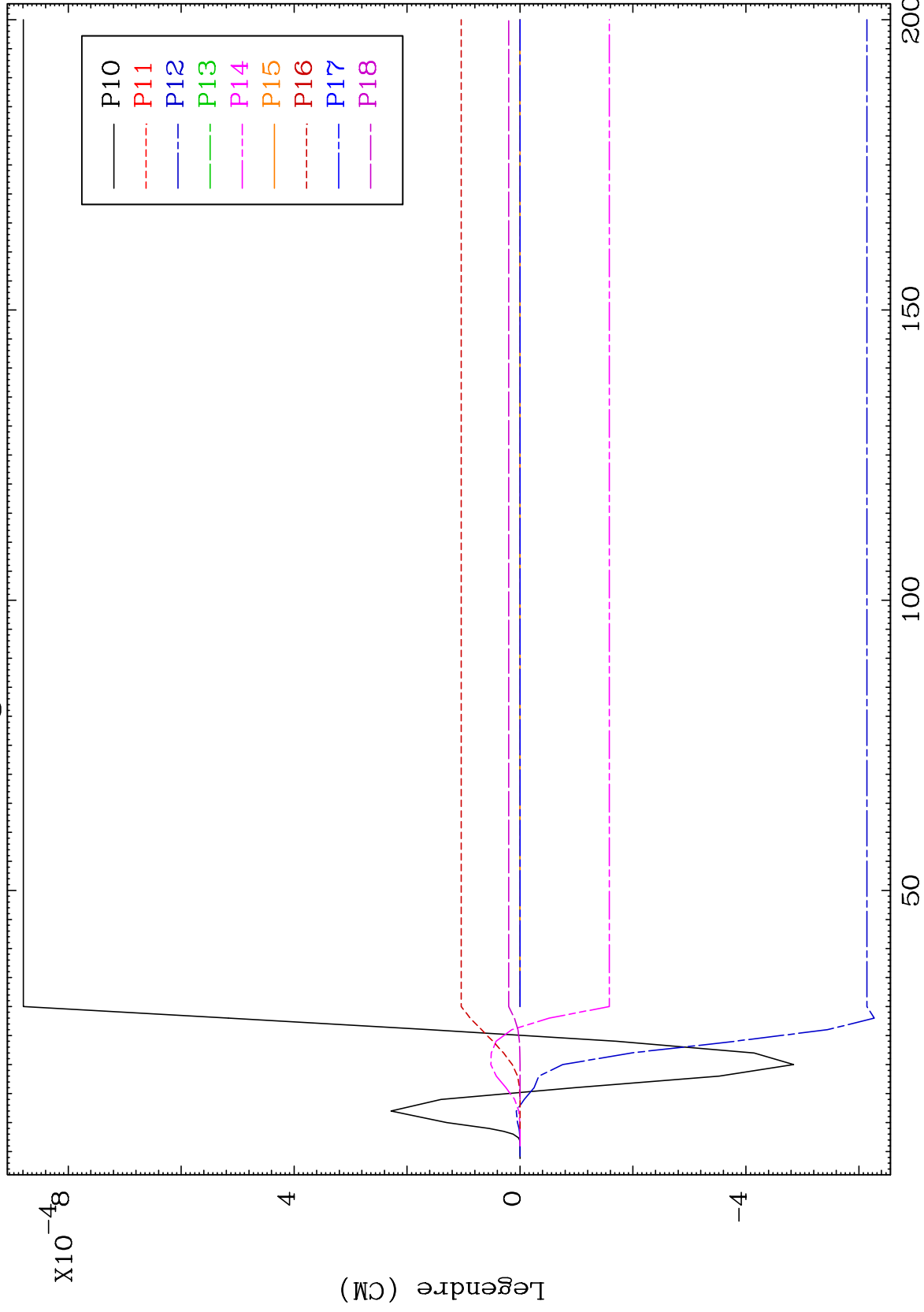




MAT 6601

3.280 MeV (n,n') Level  
Legendre Coefficients

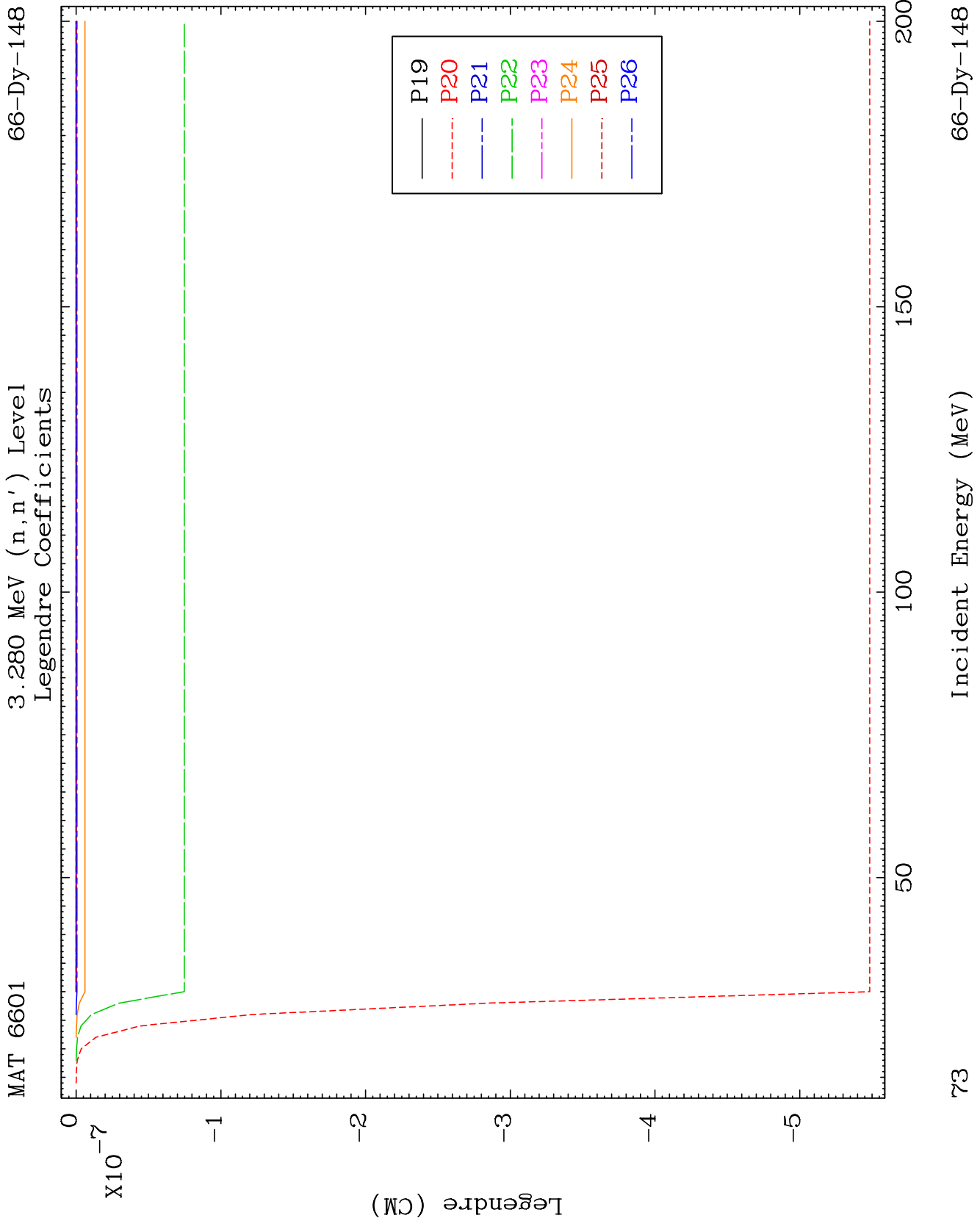
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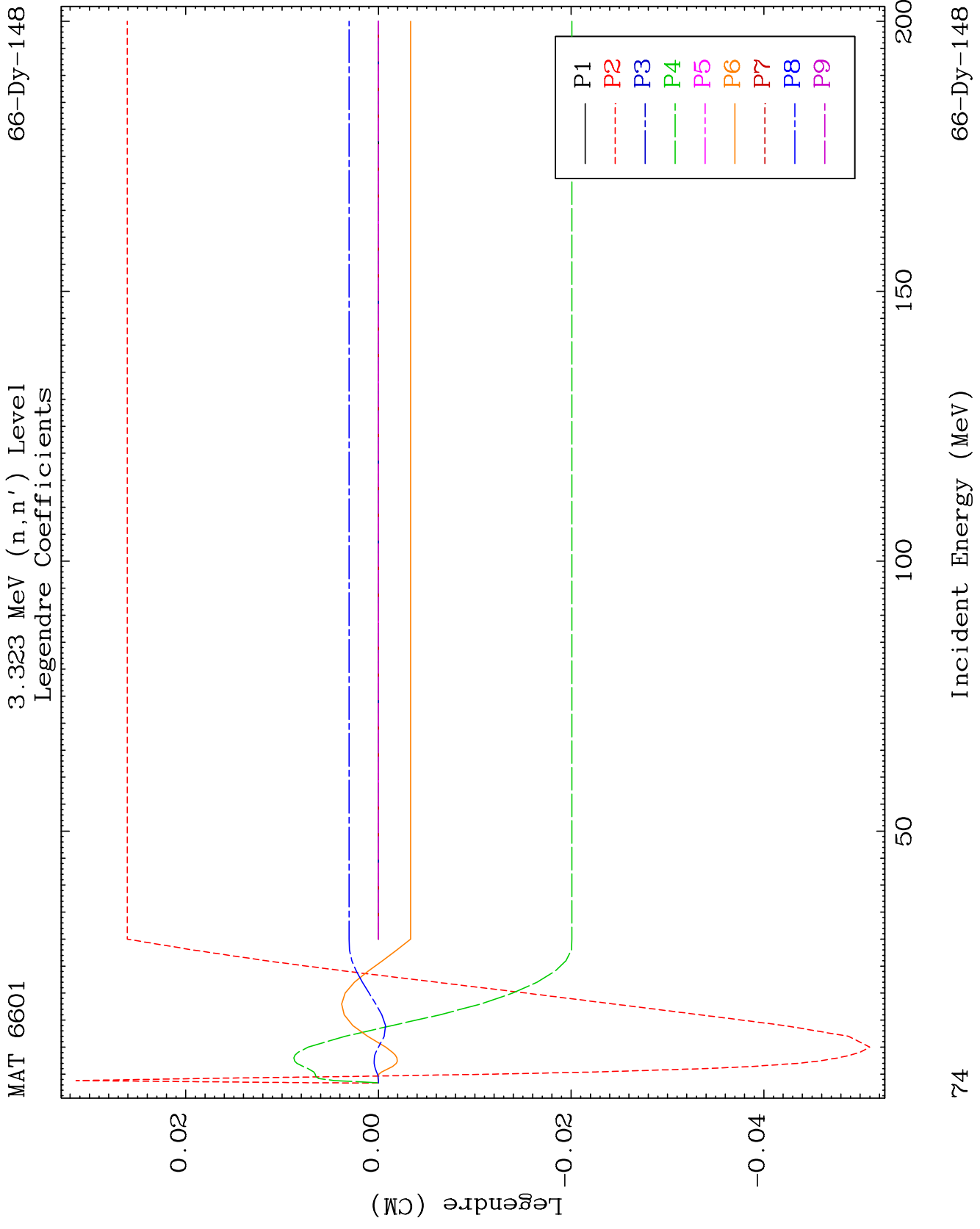


72

Incident Energy (MeV)

66-Dy-148

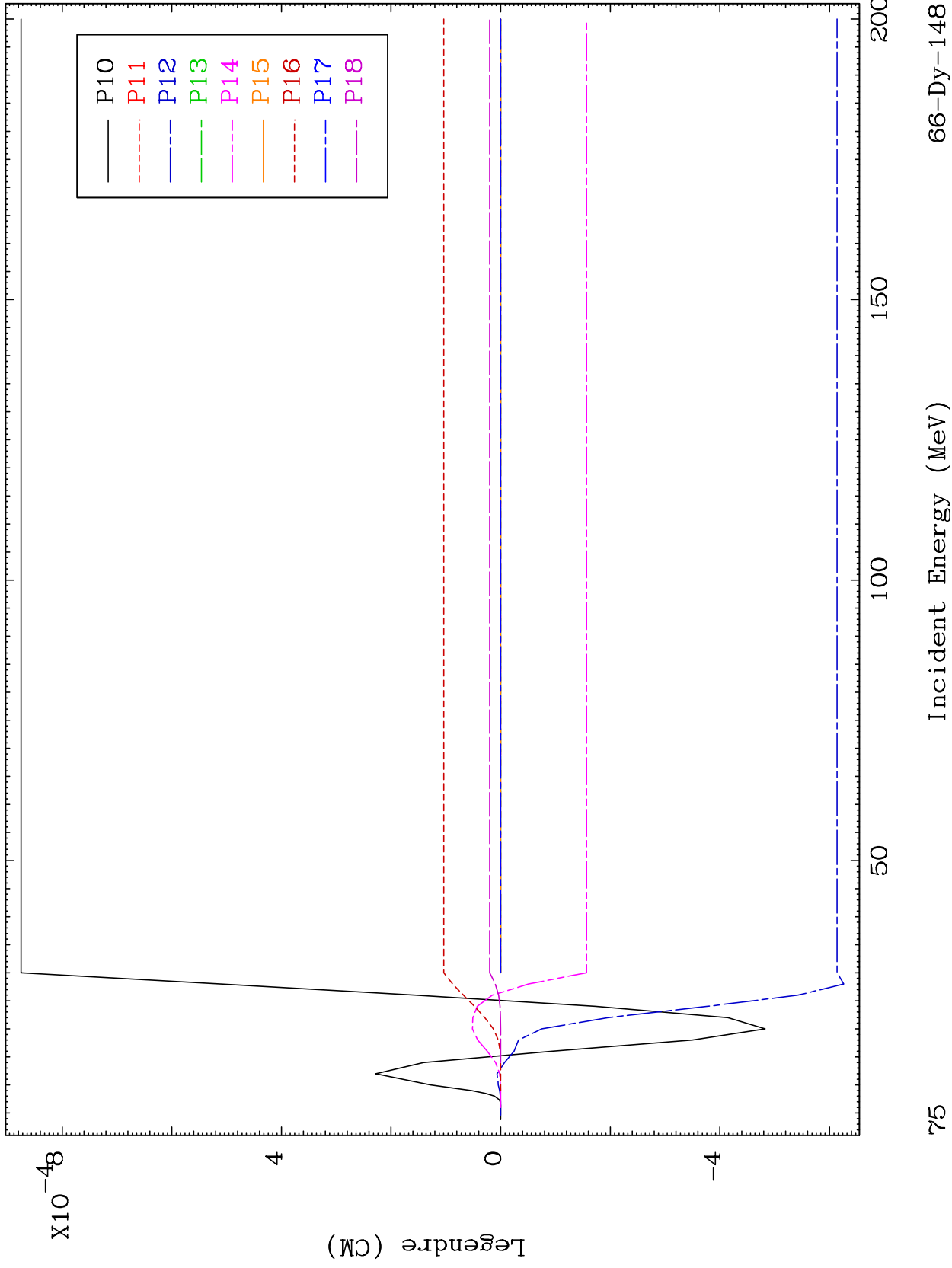


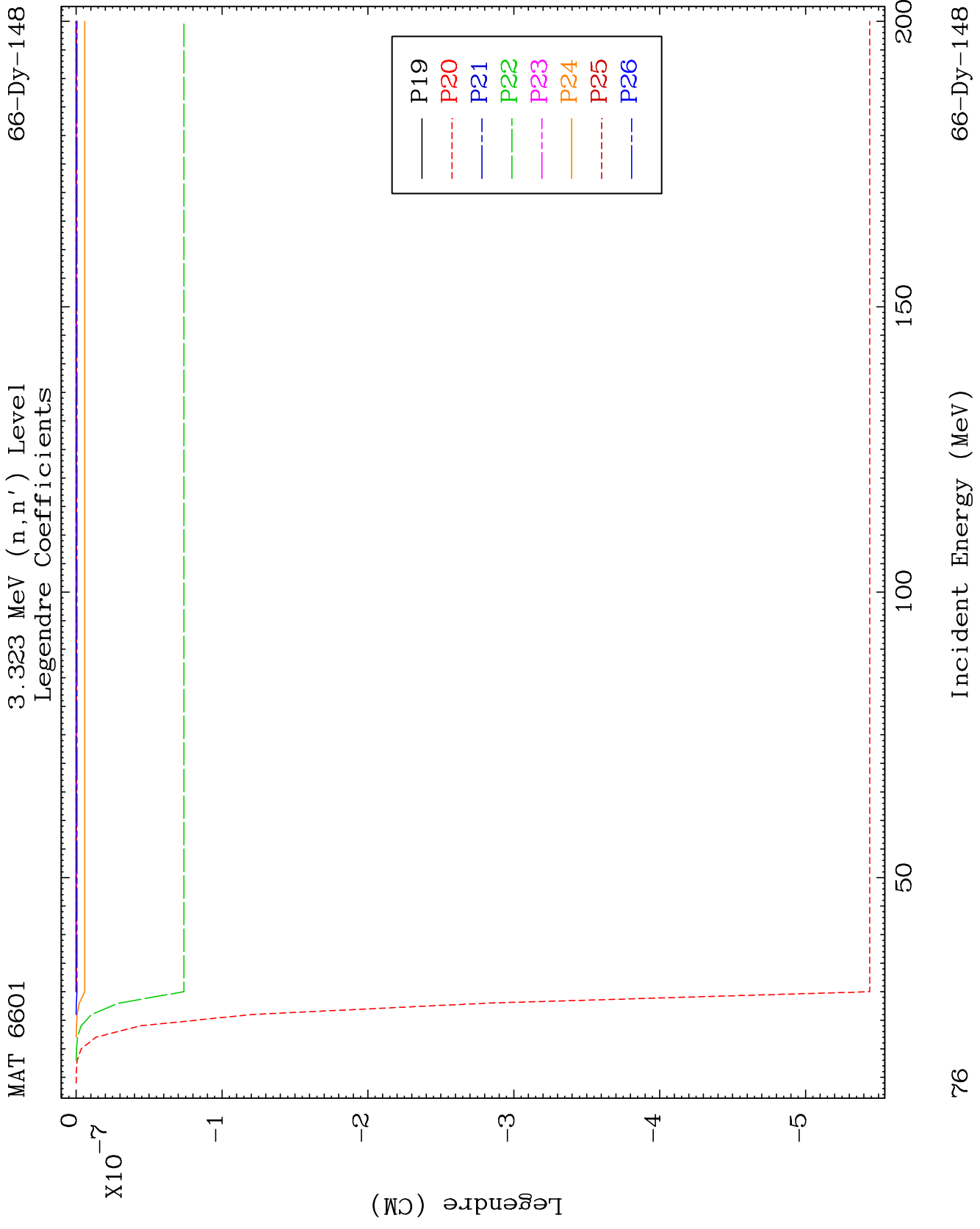


MAT 6601

3.323 MeV (n, n') Level  
Legendre Coefficients

66-Dy-148

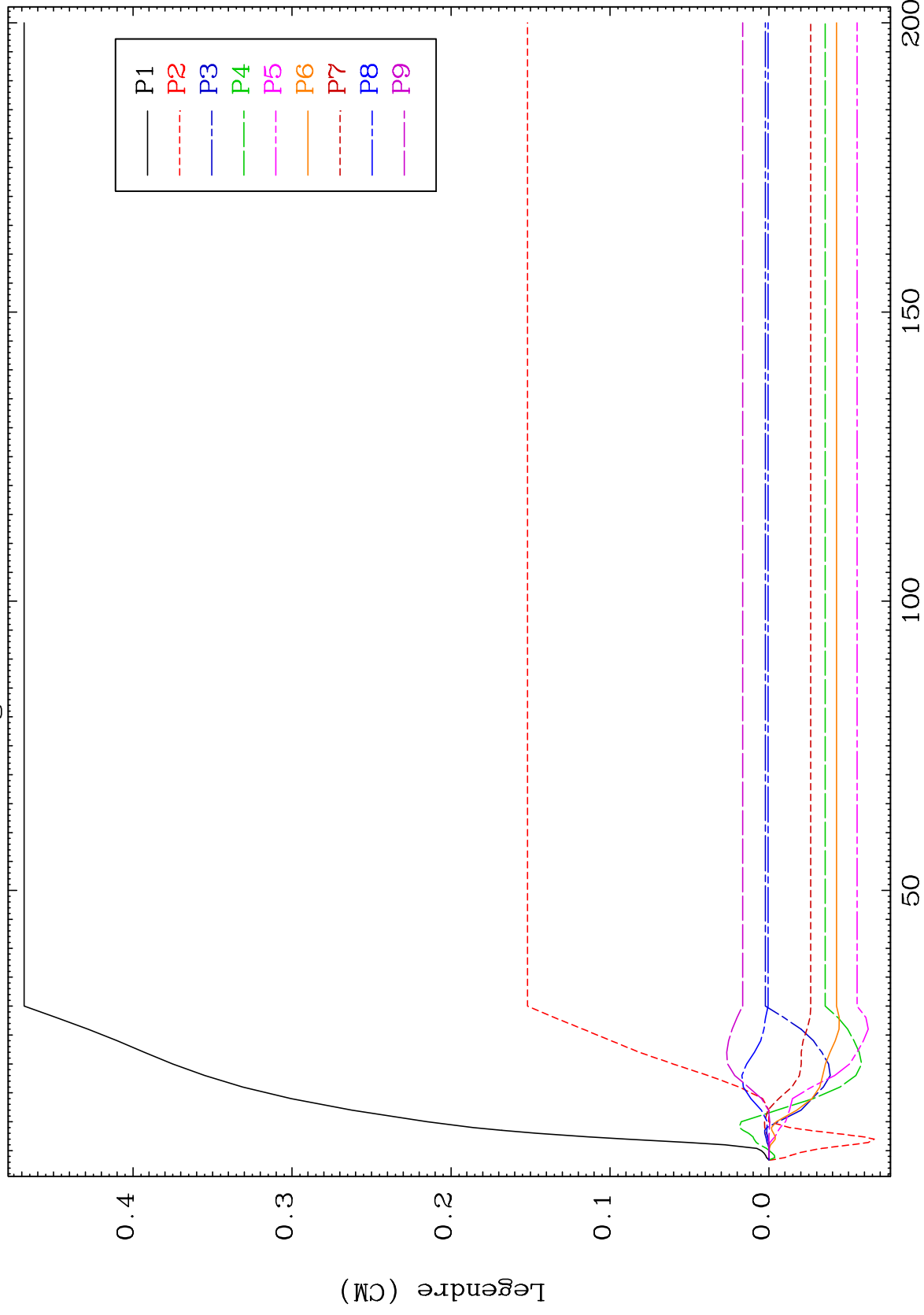




MAT 6601

3.328 MeV (n,n') Level  
Legendre Coefficients

66-Dy-148



77

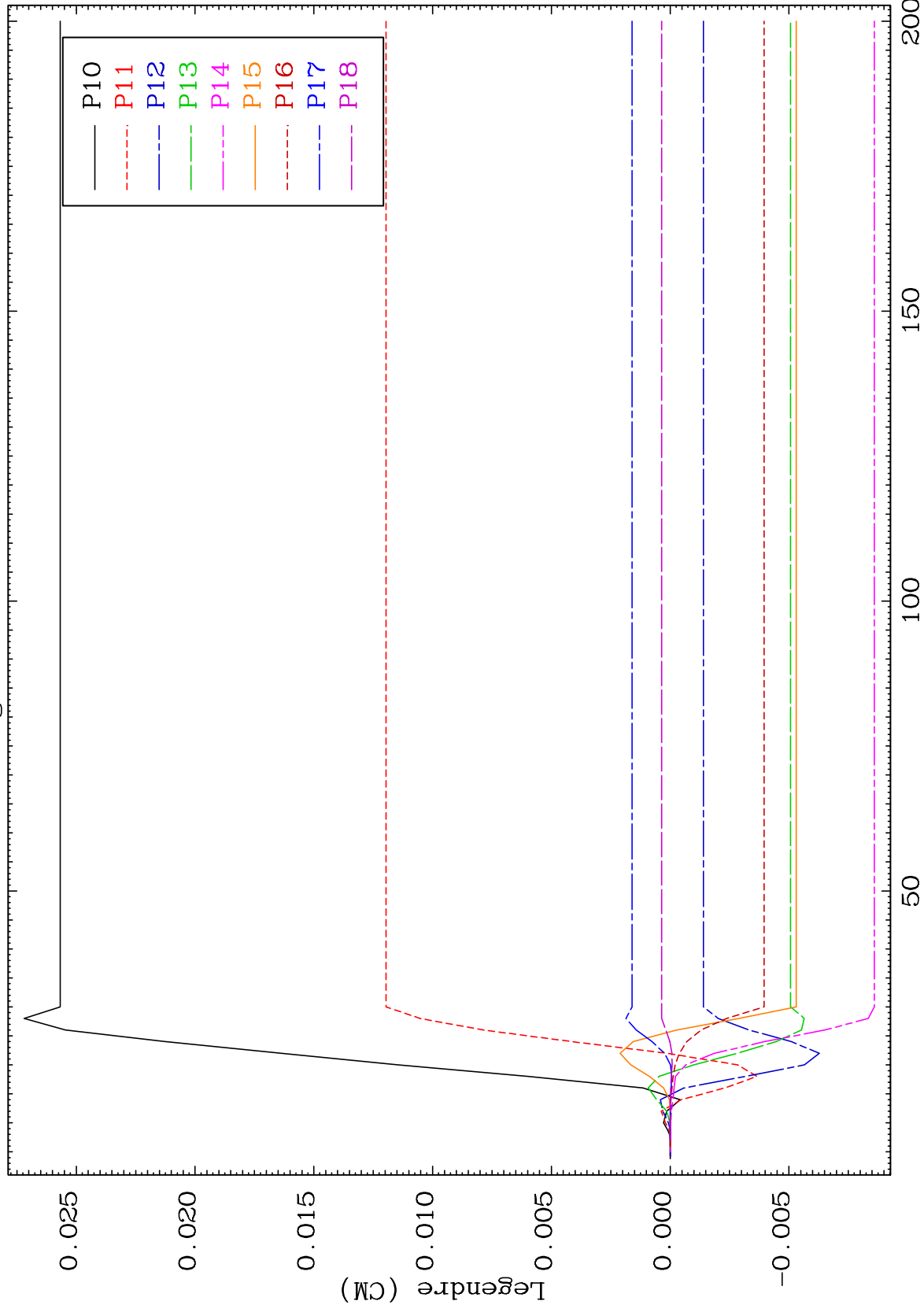
Incident Energy (MeV)

66-Dy-148

MAT 6601

3.328 MeV (n,n') Level  
Legendre Coefficients

66-Dy-148



78

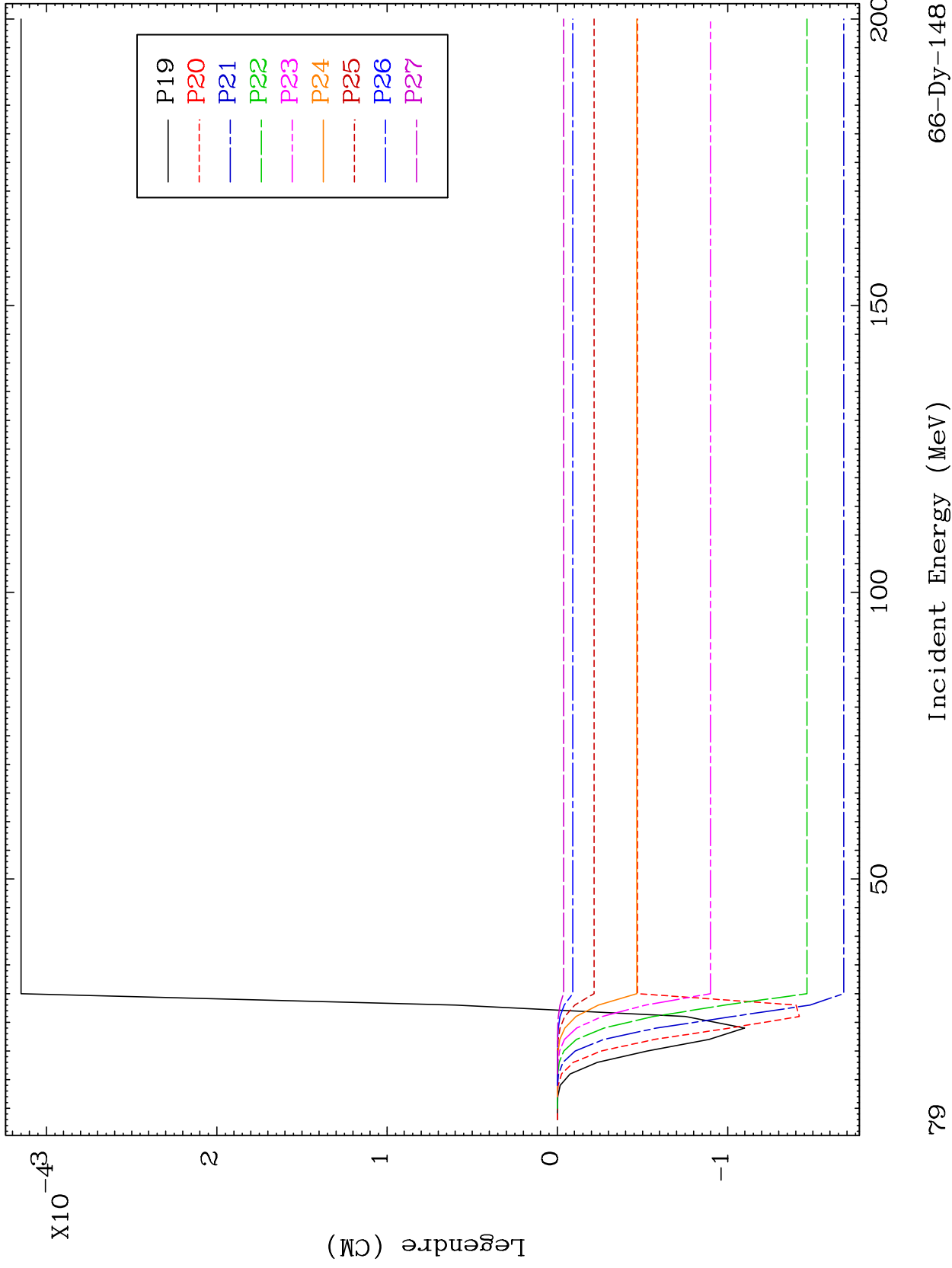
Incident Energy (MeV)

66-Dy-148

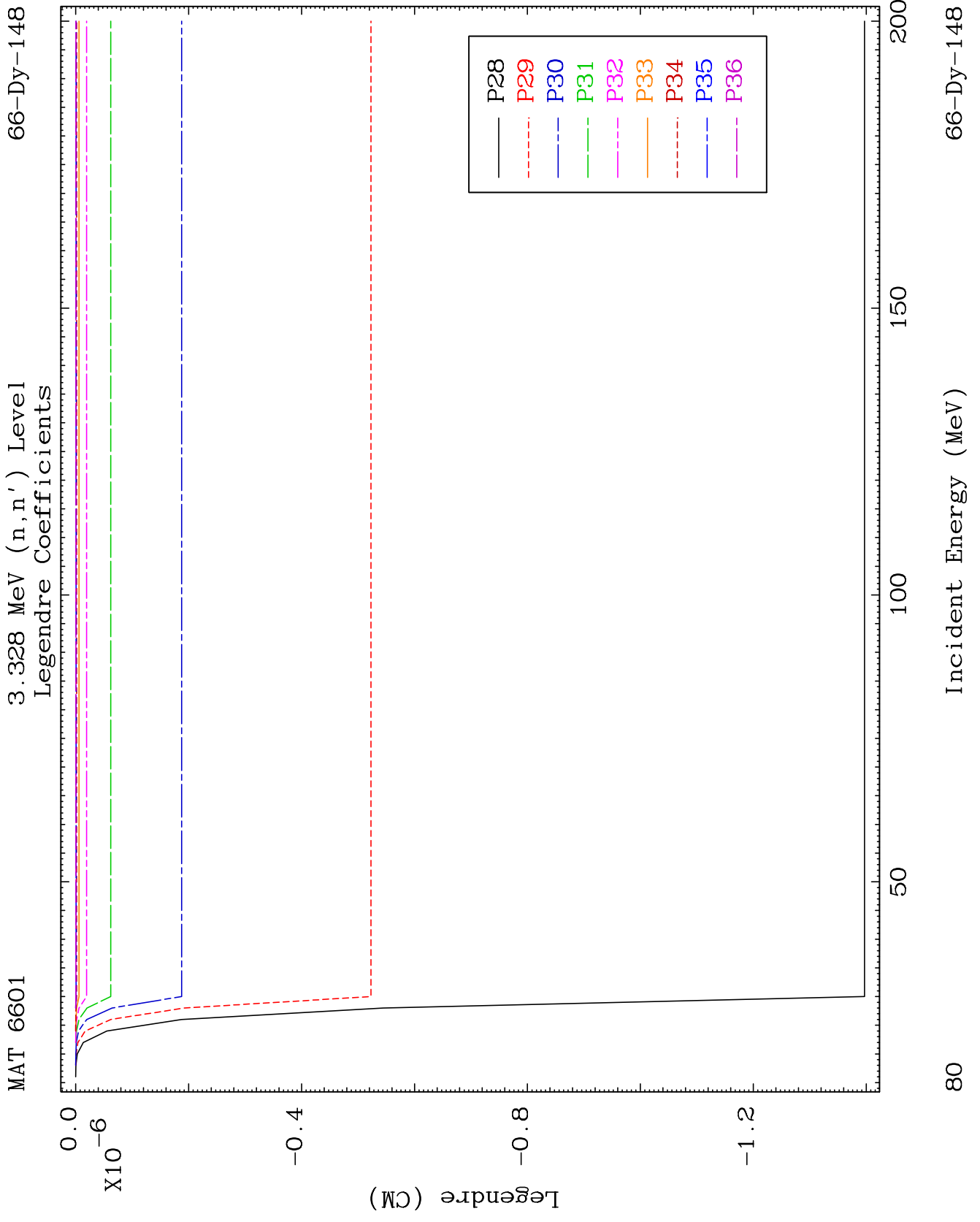
MAT 6601

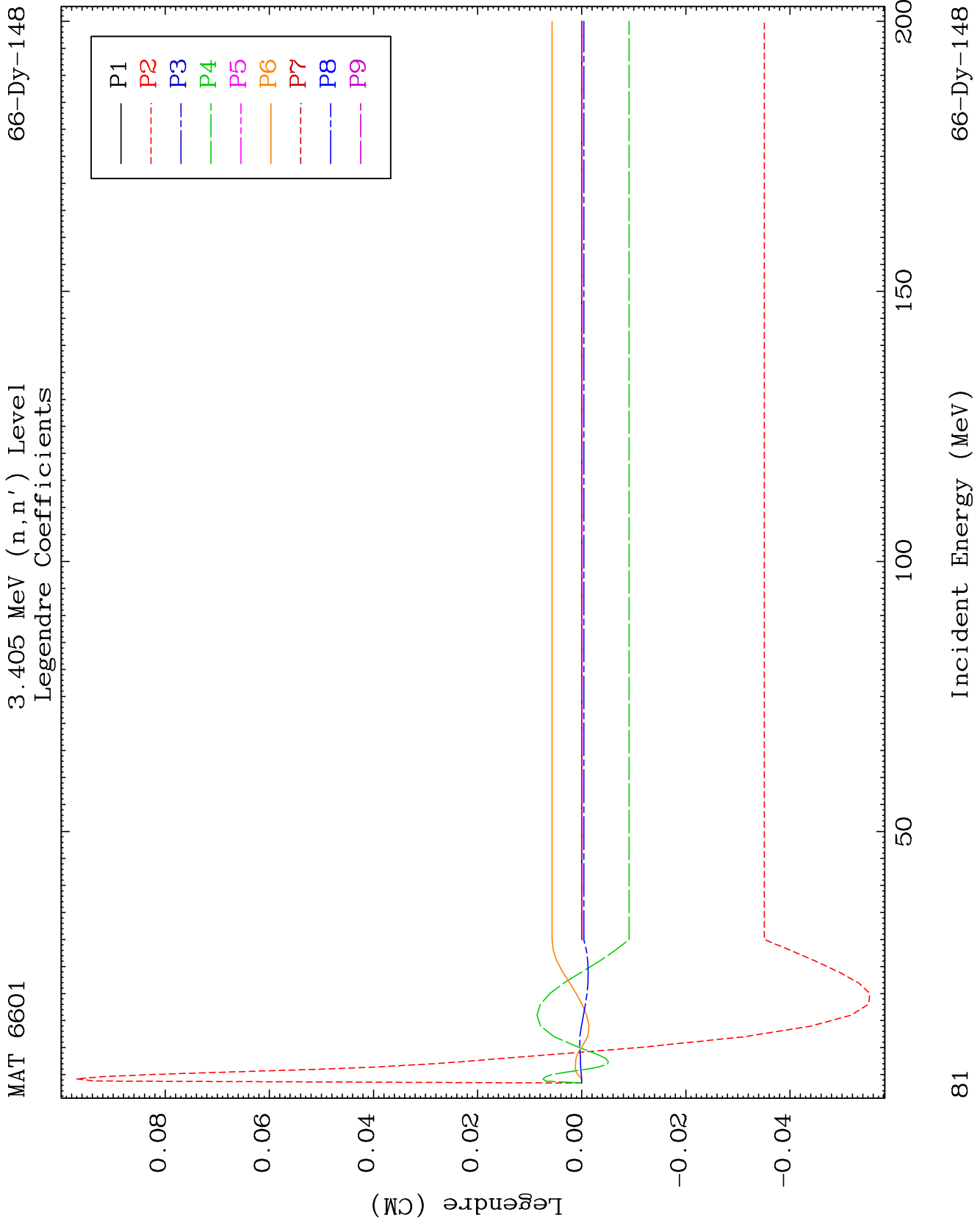
3.328 MeV (n,n') Level  
Legendre Coefficients

66-Dy-148





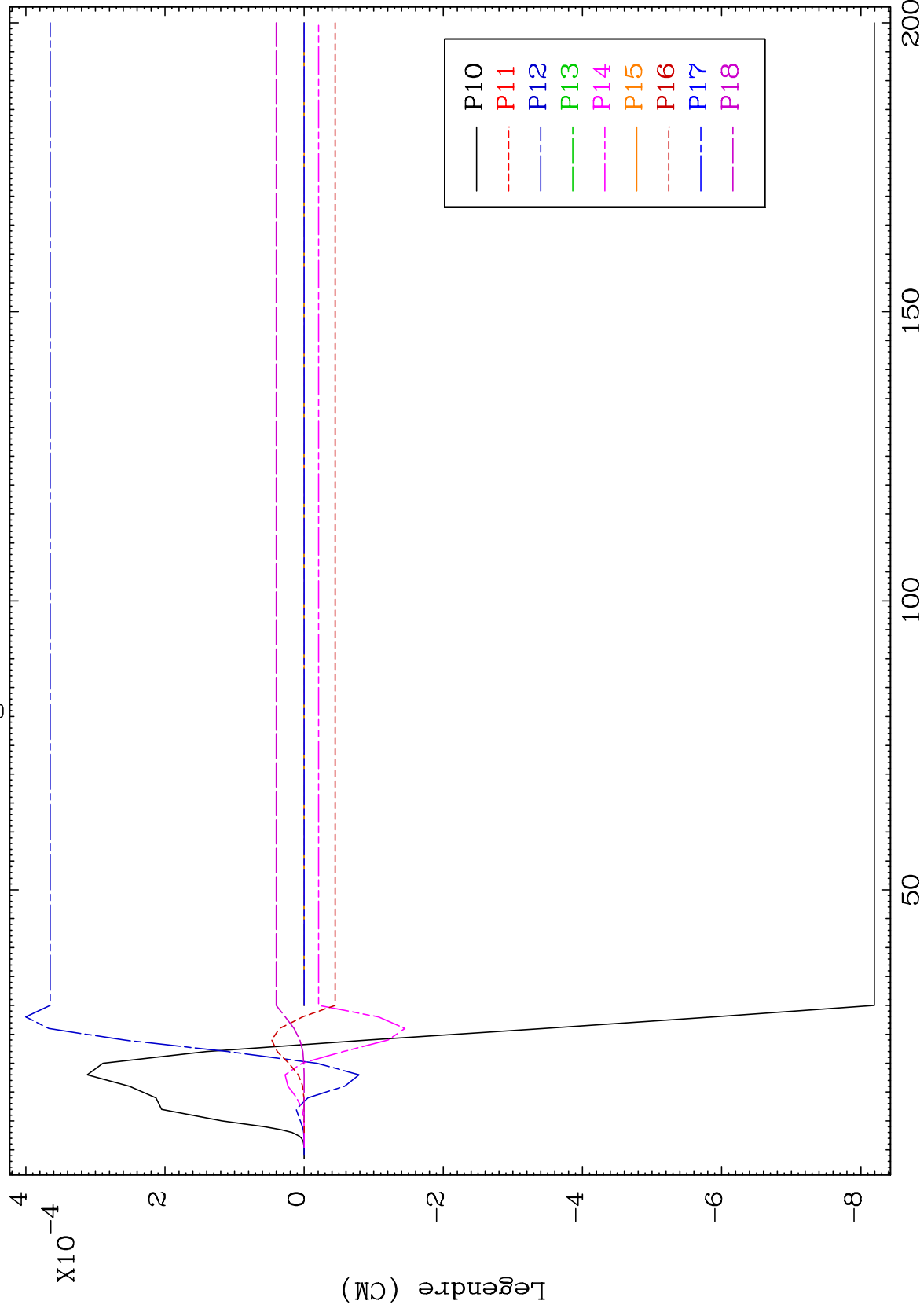




MAT 6601

3.405 MeV (n,n') Level  
Legendre Coefficients

66-Dy-148



82

Incident Energy (MeV)

66-Dy-148

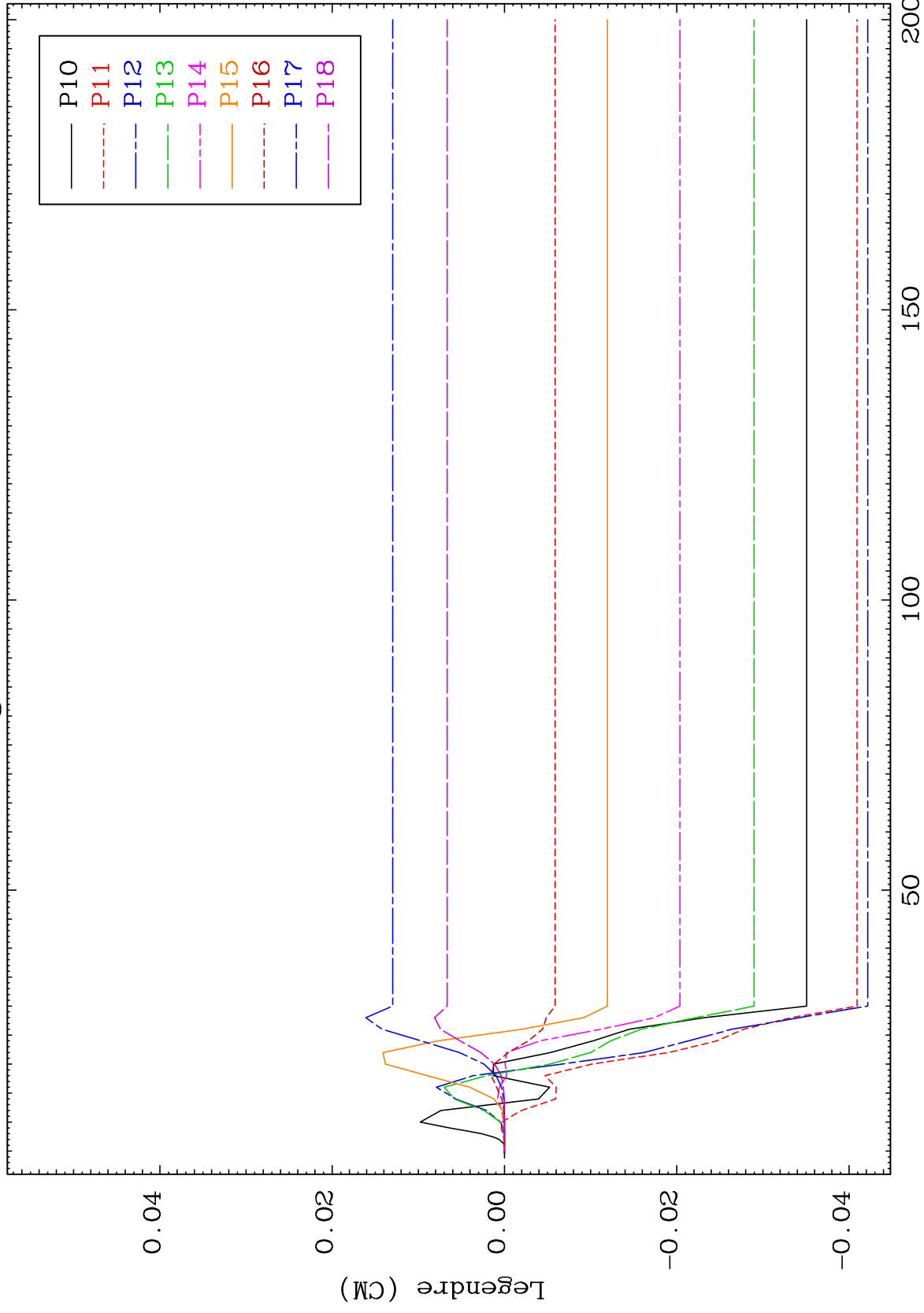




MAT 6601

3.756 MeV (n,n') Level  
Legendre Coefficients

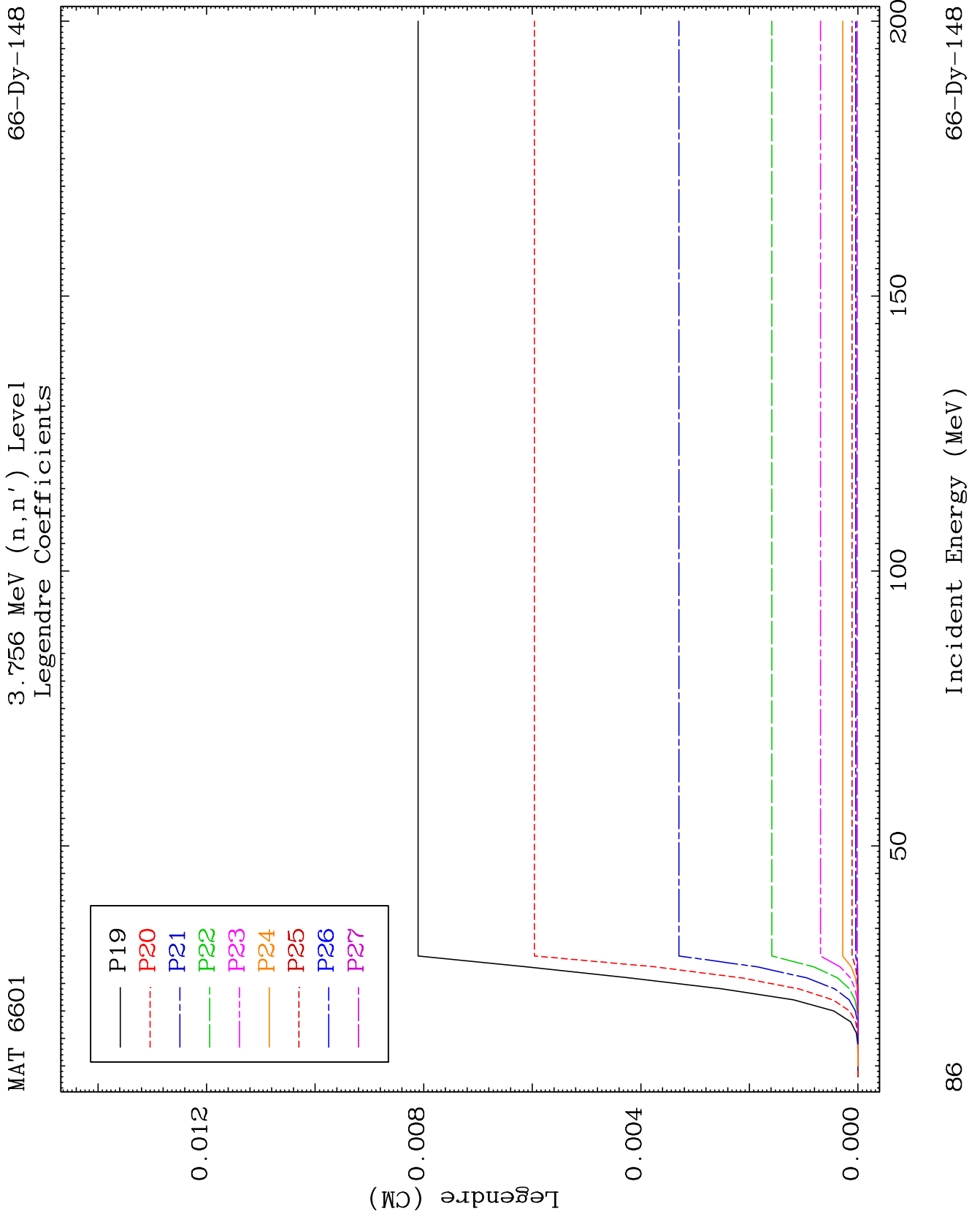
66-Dy-148



85

Incident Energy (MeV)

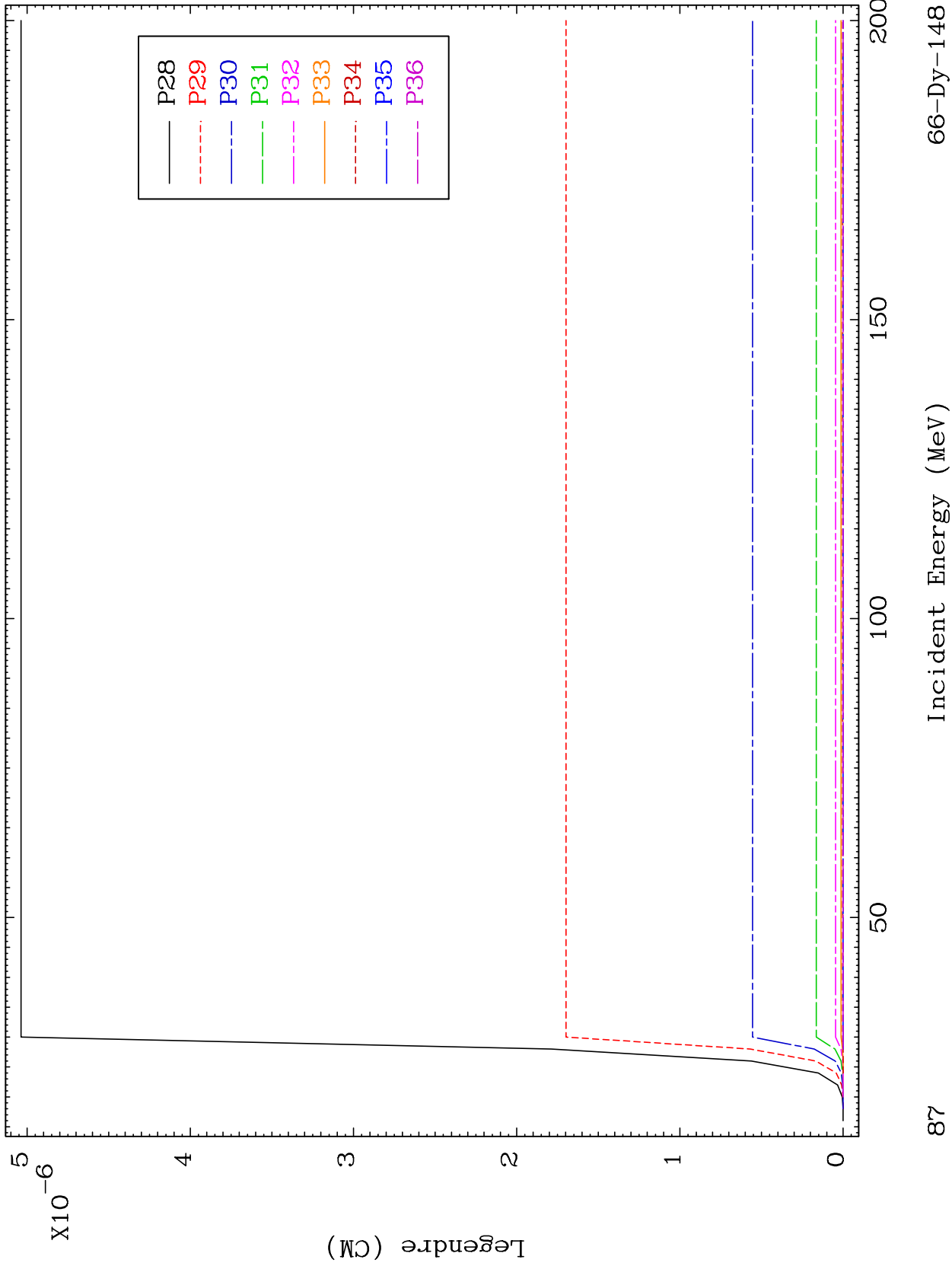
66-Dy-148



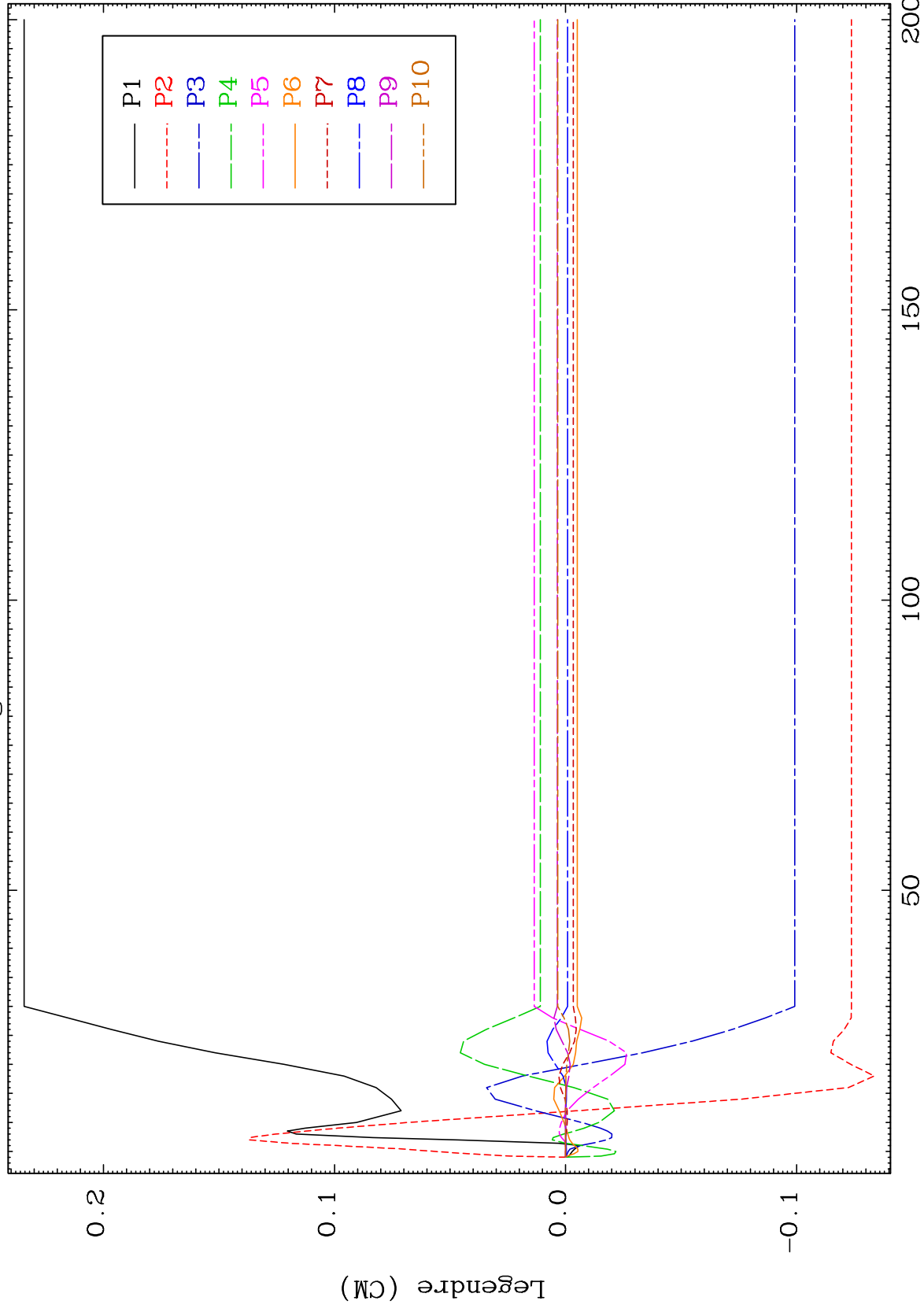
MAT 6601

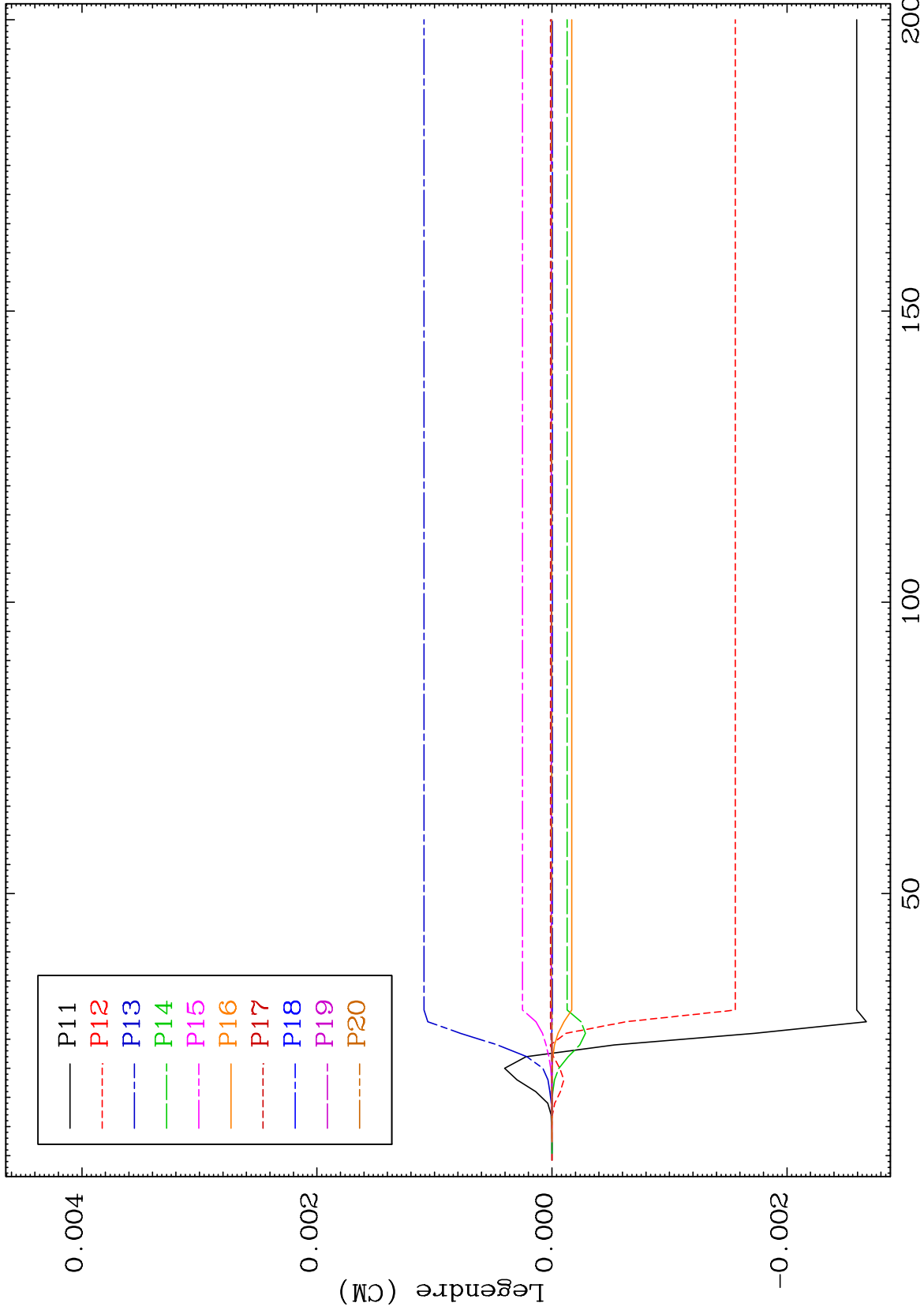
3.756 MeV (n,n') Level  
Legendre Coefficients

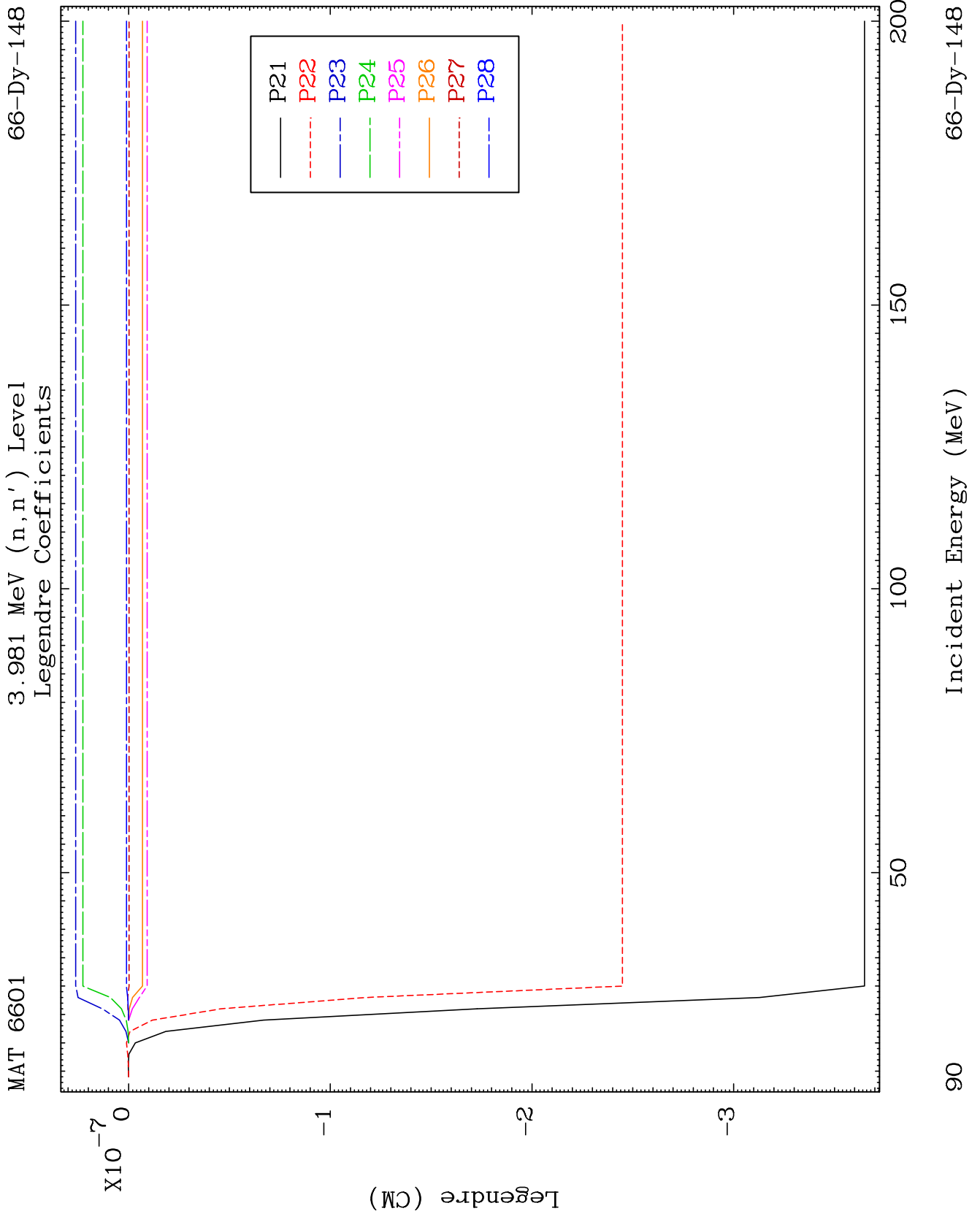
66-Dy-148





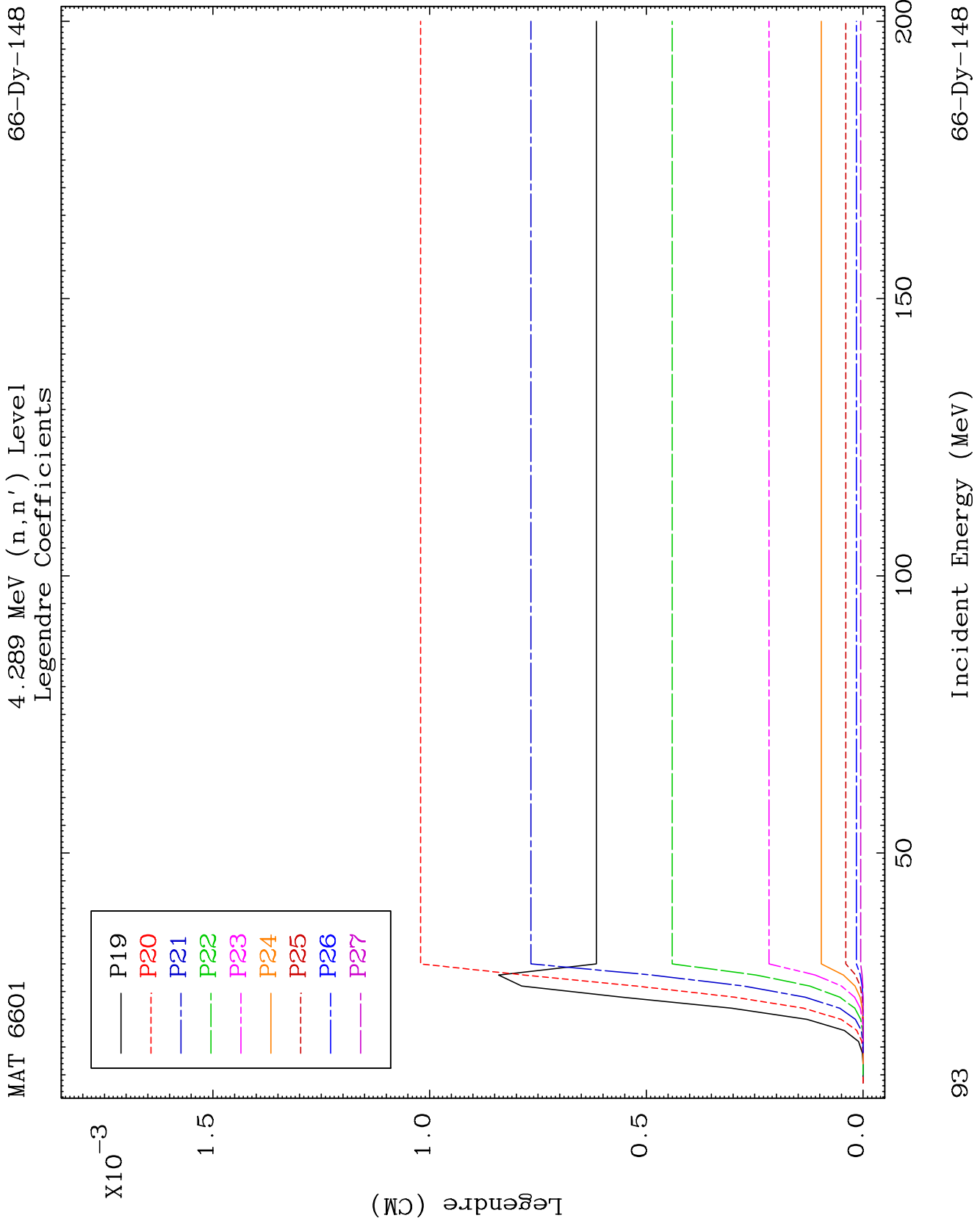














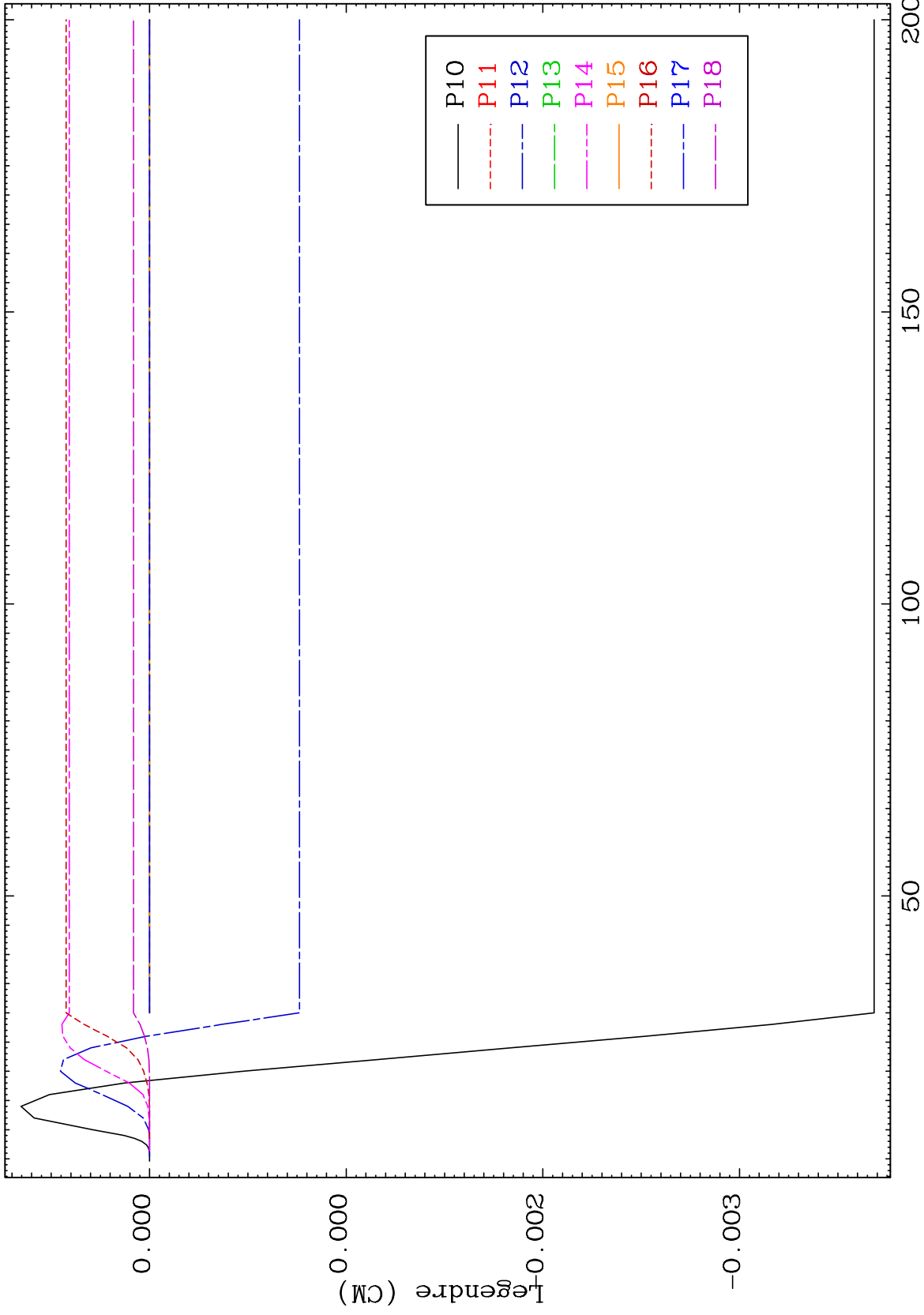




MAT 6601

4.393 MeV (n,n') Level  
Legendre Coefficients

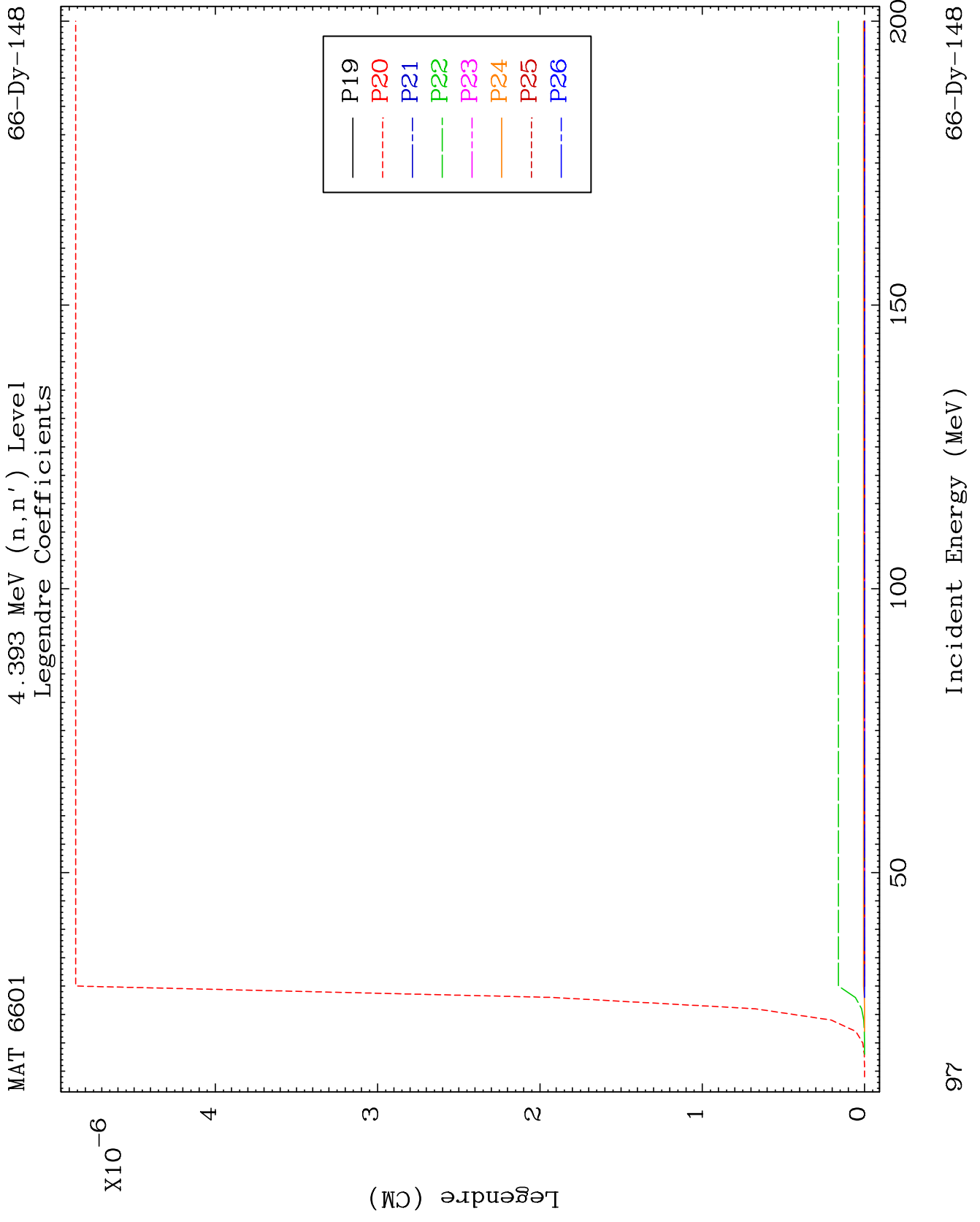
66-Dy-148

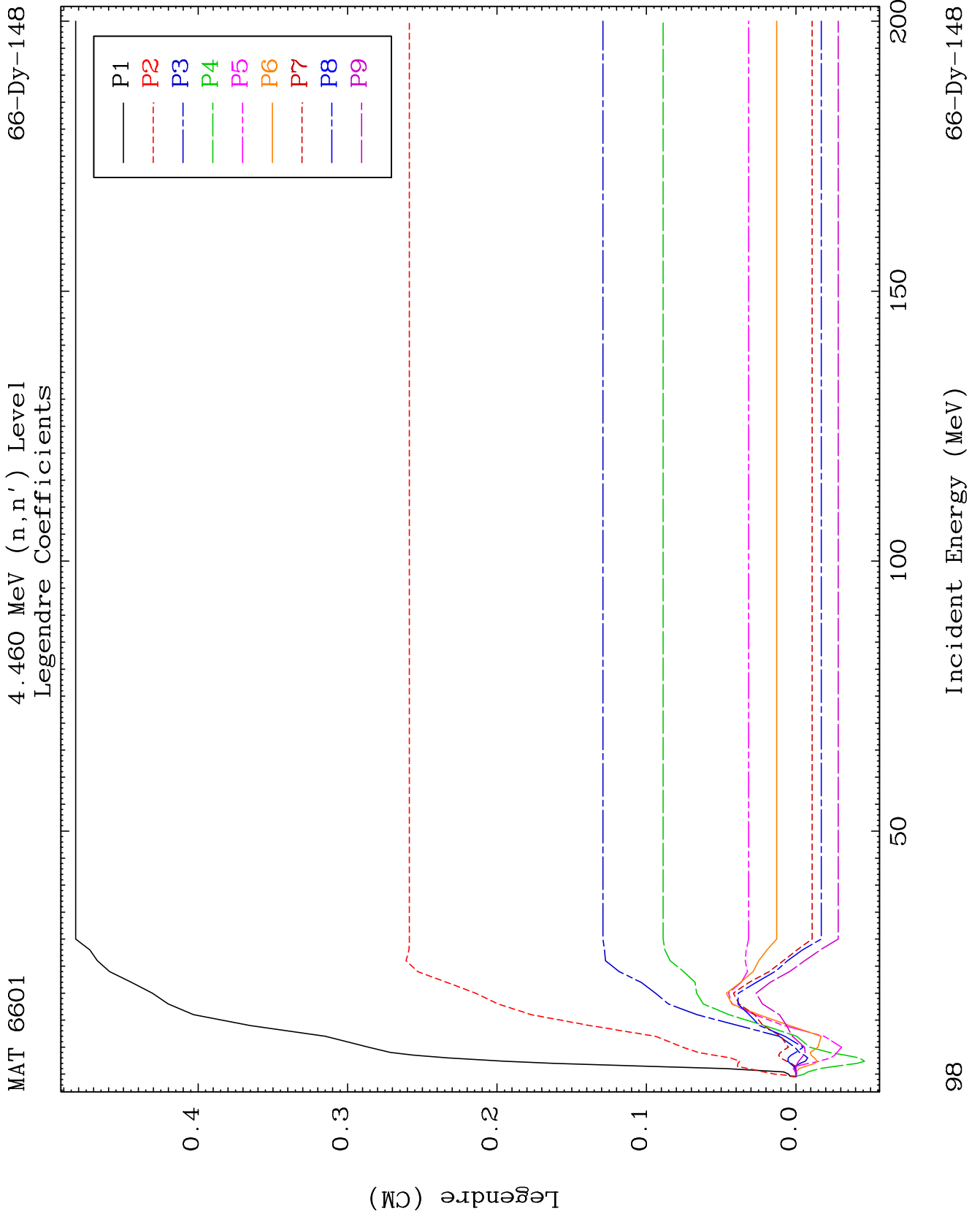


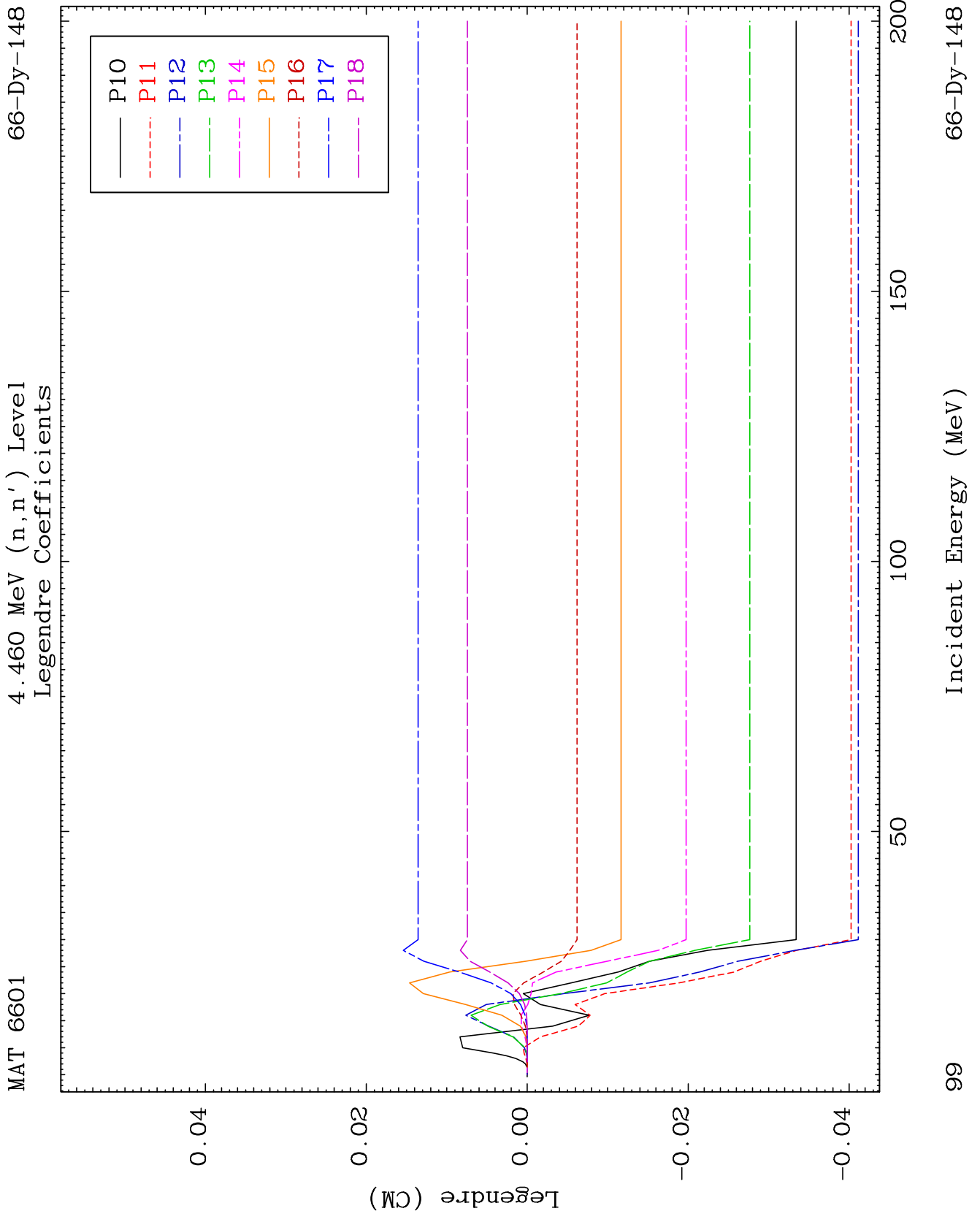
96

Incident Energy (MeV)

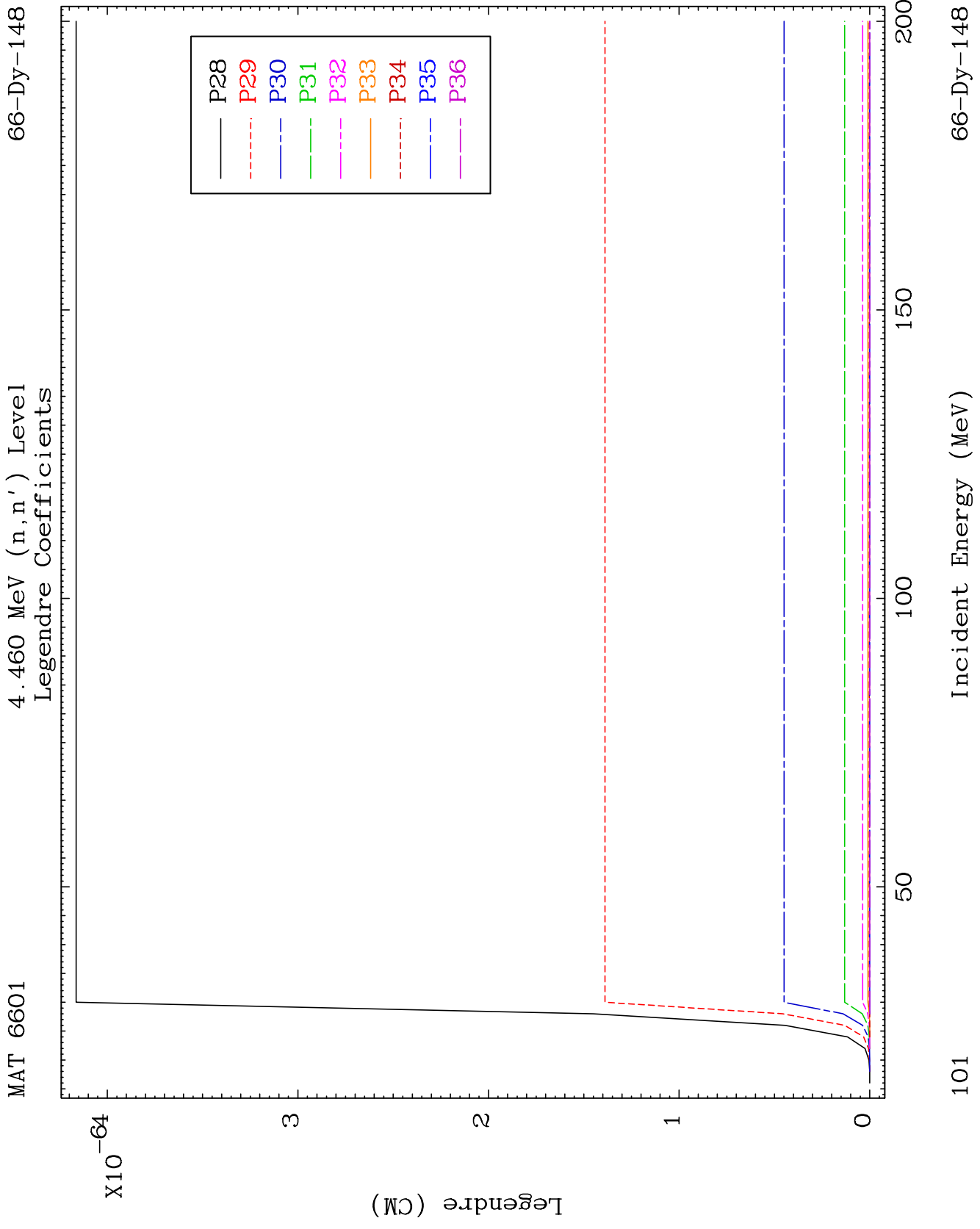
66-Dy-148







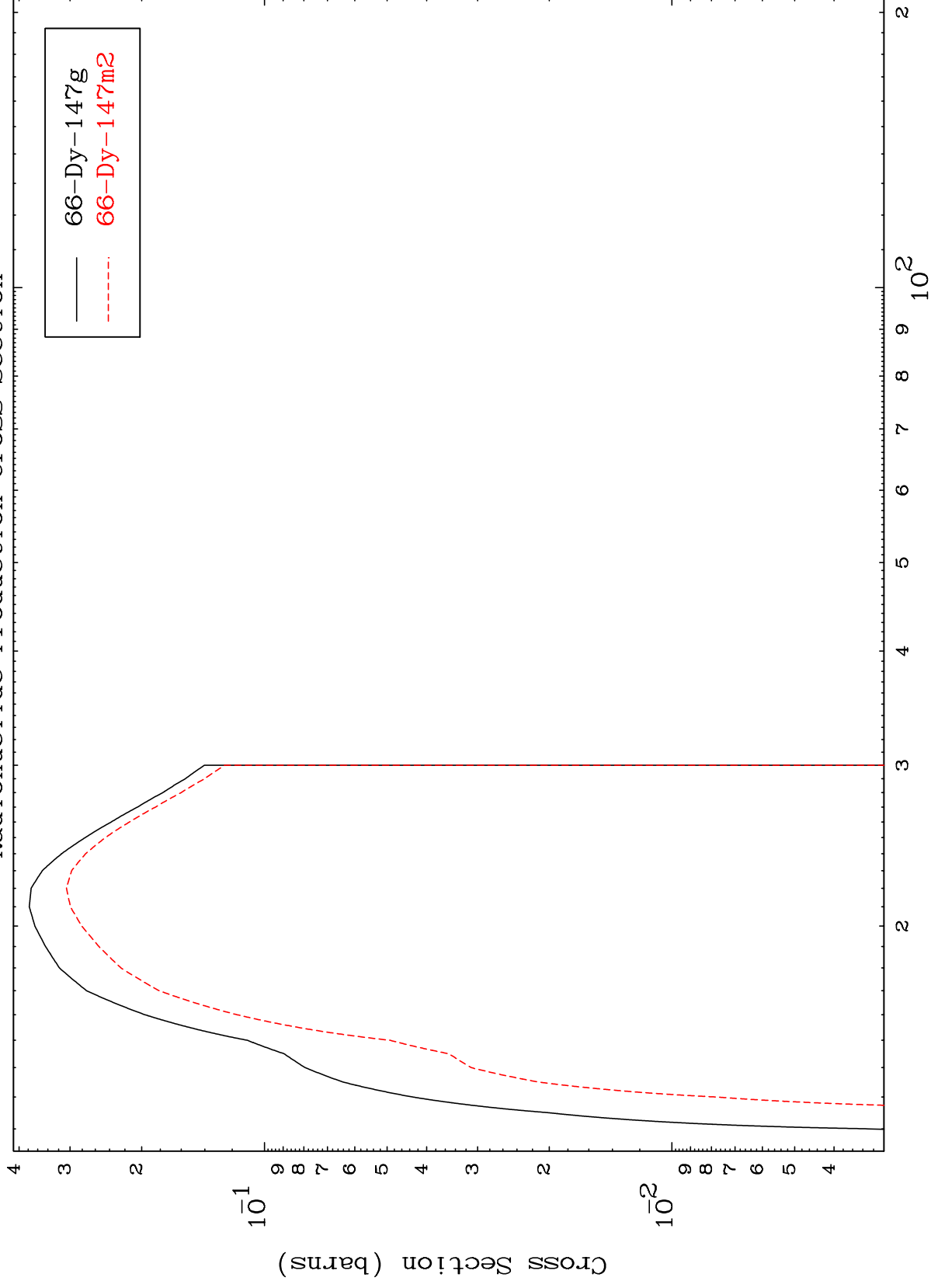




MAT 6601

66-Dy-148

(n,2n)  
Radionuclide Production Cross Section

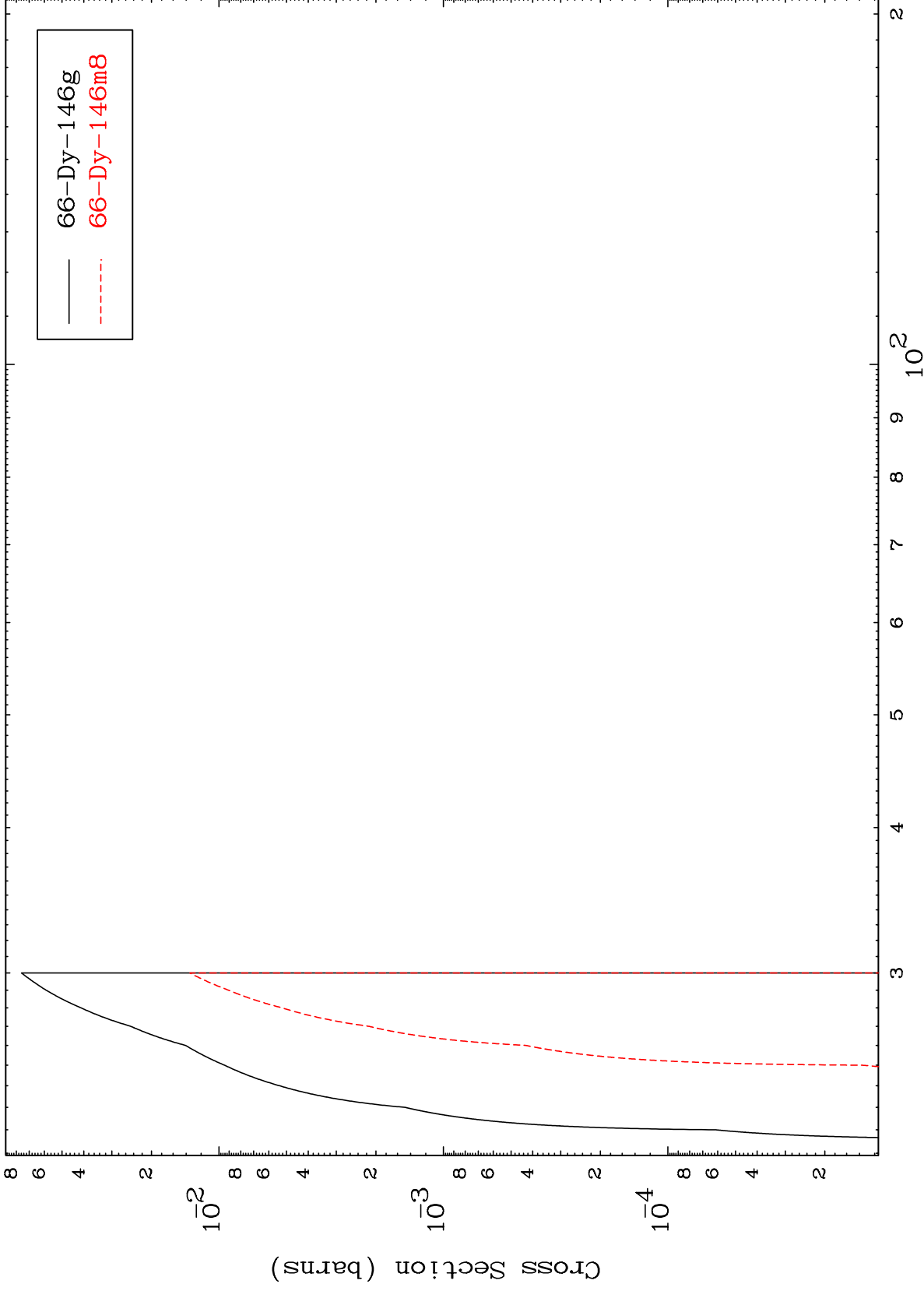


66-Dy-148

Incident Energy (MeV)

102

Radionuclide Production Cross Section



66-Dy-146g  
66-Dy-146m8

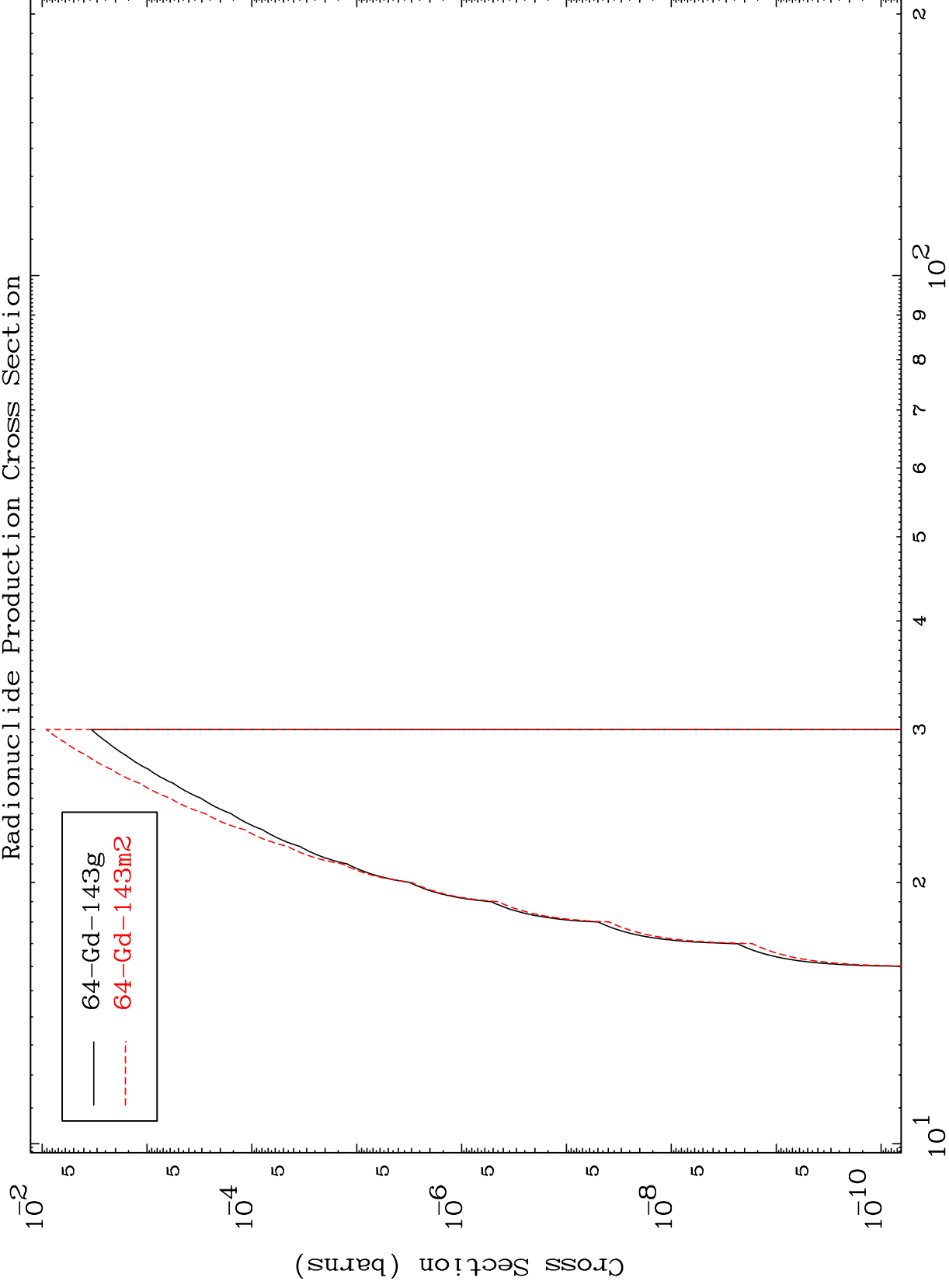


MAT 6601

66-Dy-148

(n,2n)  $\alpha$

Radionuclide Production Cross Section



66-Dy-148

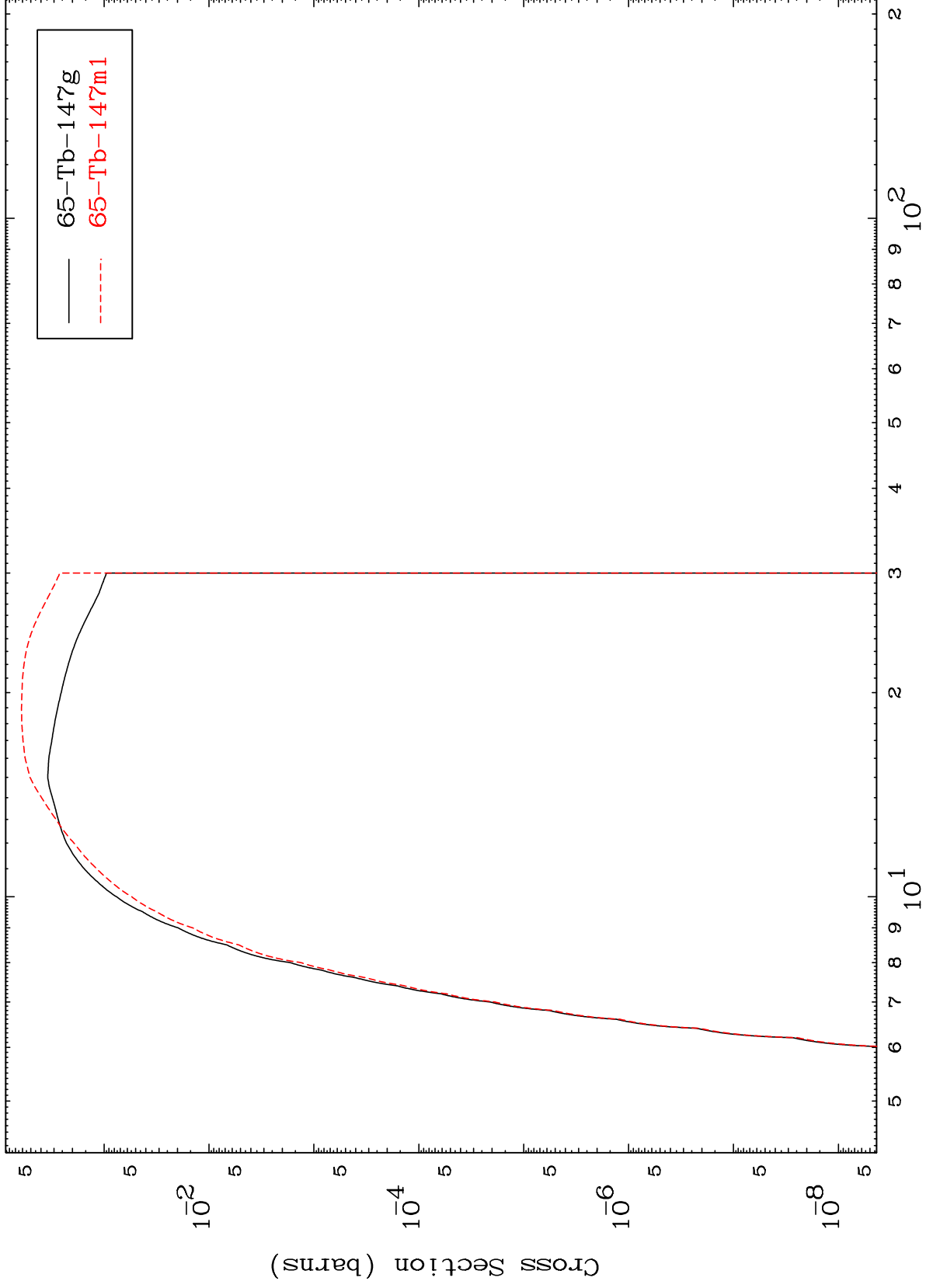
Incident Energy (MeV)

104

MAT 6601

66-Dy-148

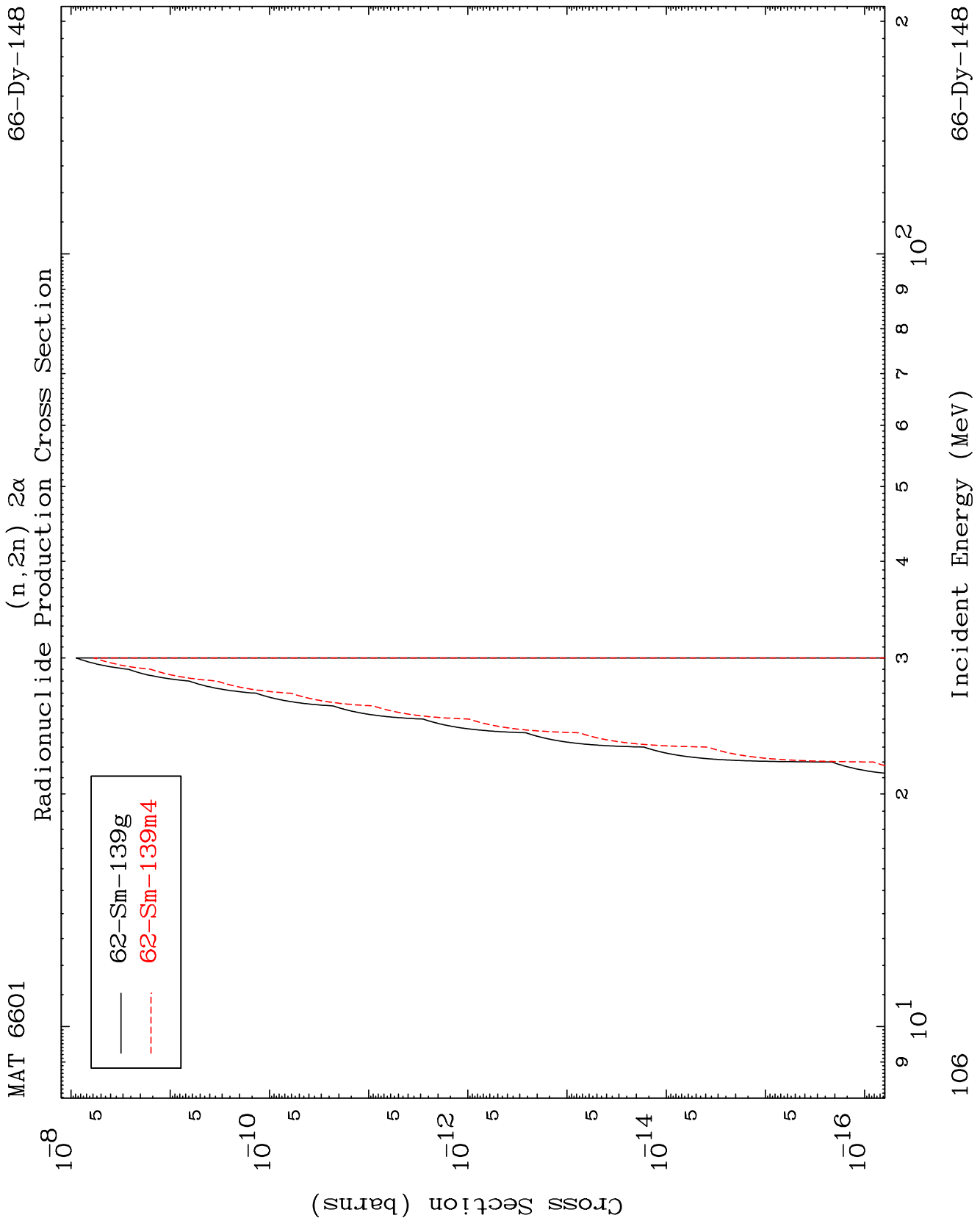
$(n, n')$  p  
Radionuclide Production Cross Section



105

Incident Energy (MeV)

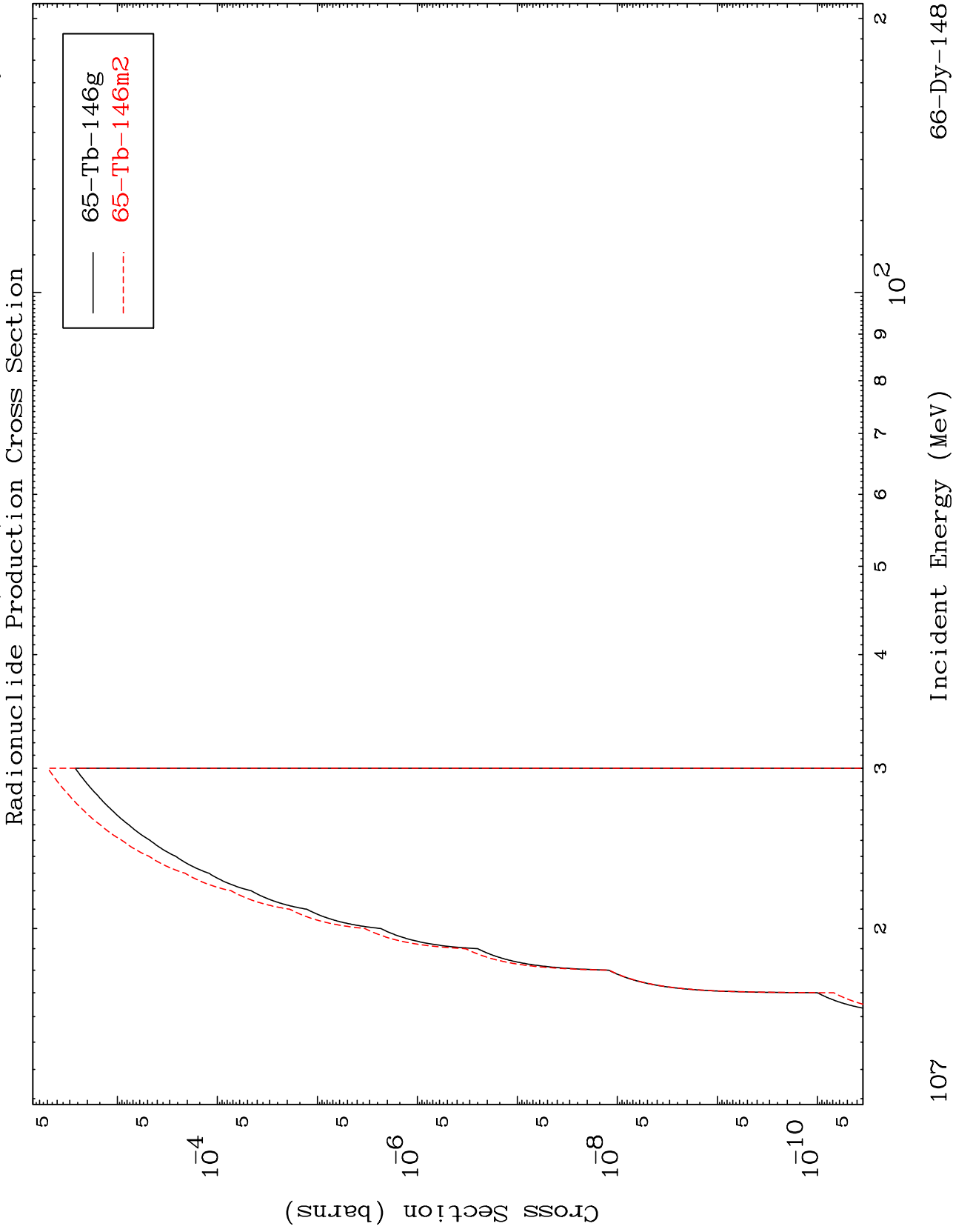
66-Dy-148



MAT 6601

(n,n') d

66-Dy-148



107

Incident Energy (MeV)

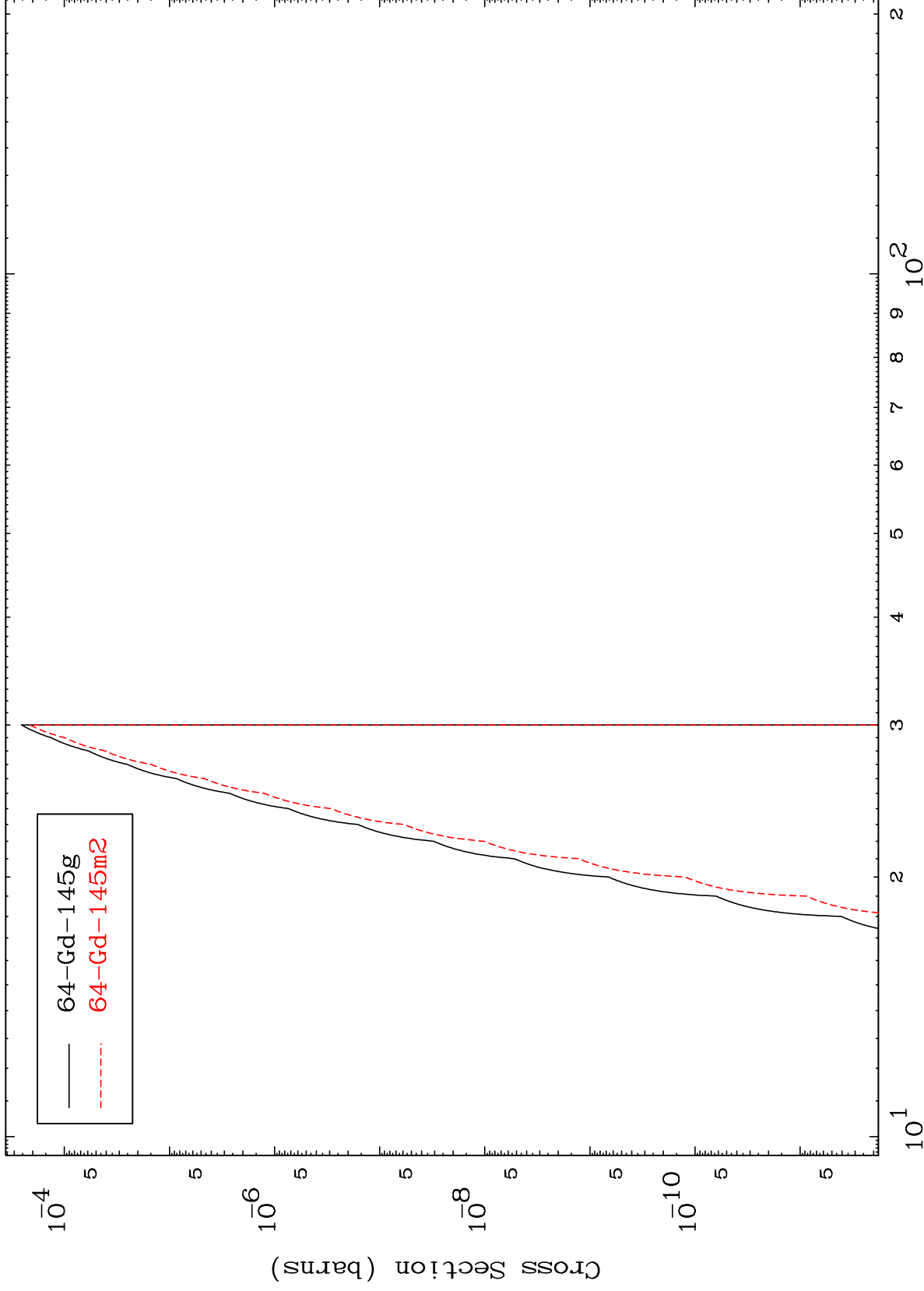
66-Dy-148

MAT 6601

(n,n') He-3

66-Dy-148

Radionuclide Production Cross Section

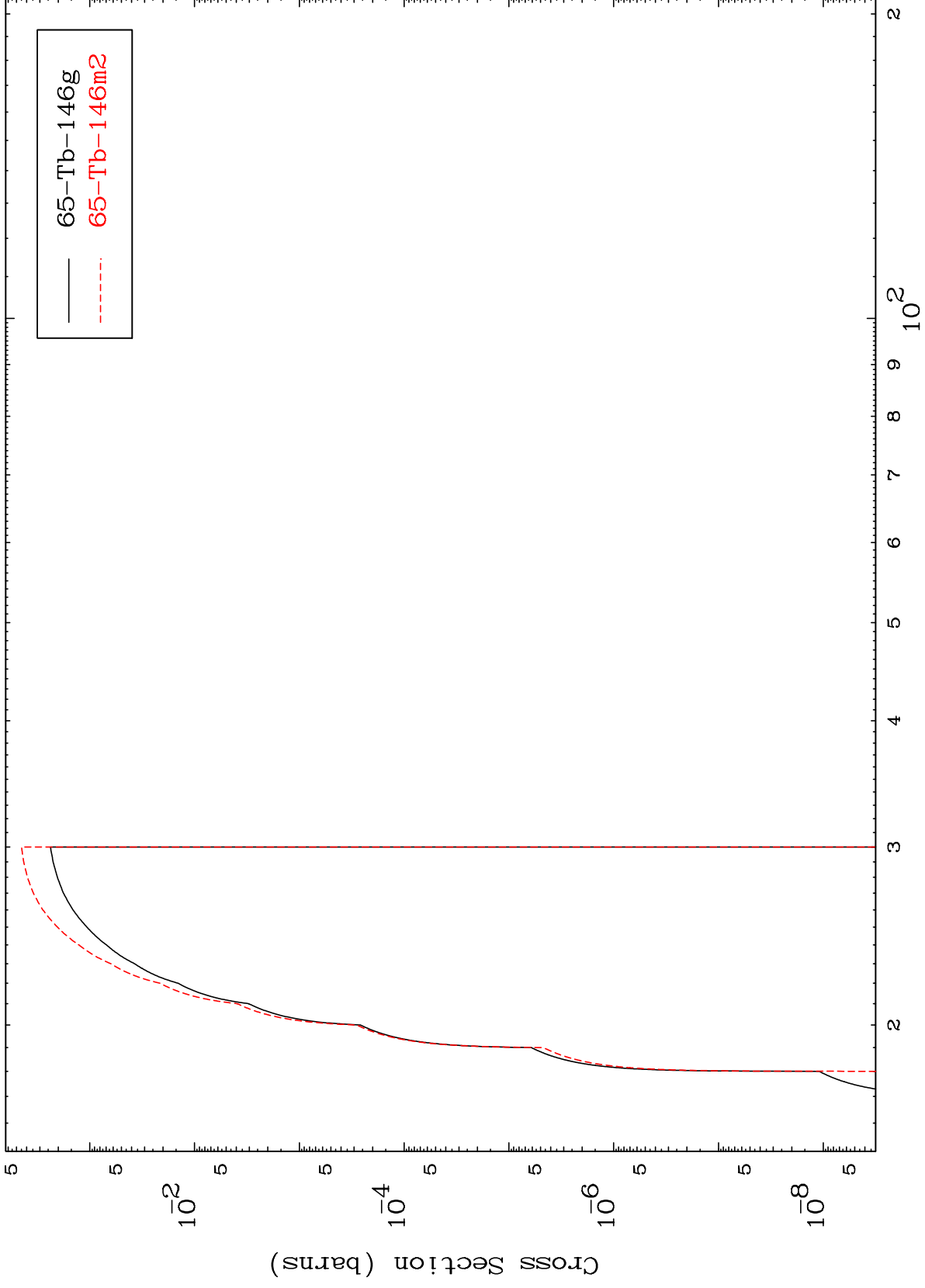


108

Incident Energy (MeV)

66-Dy-148

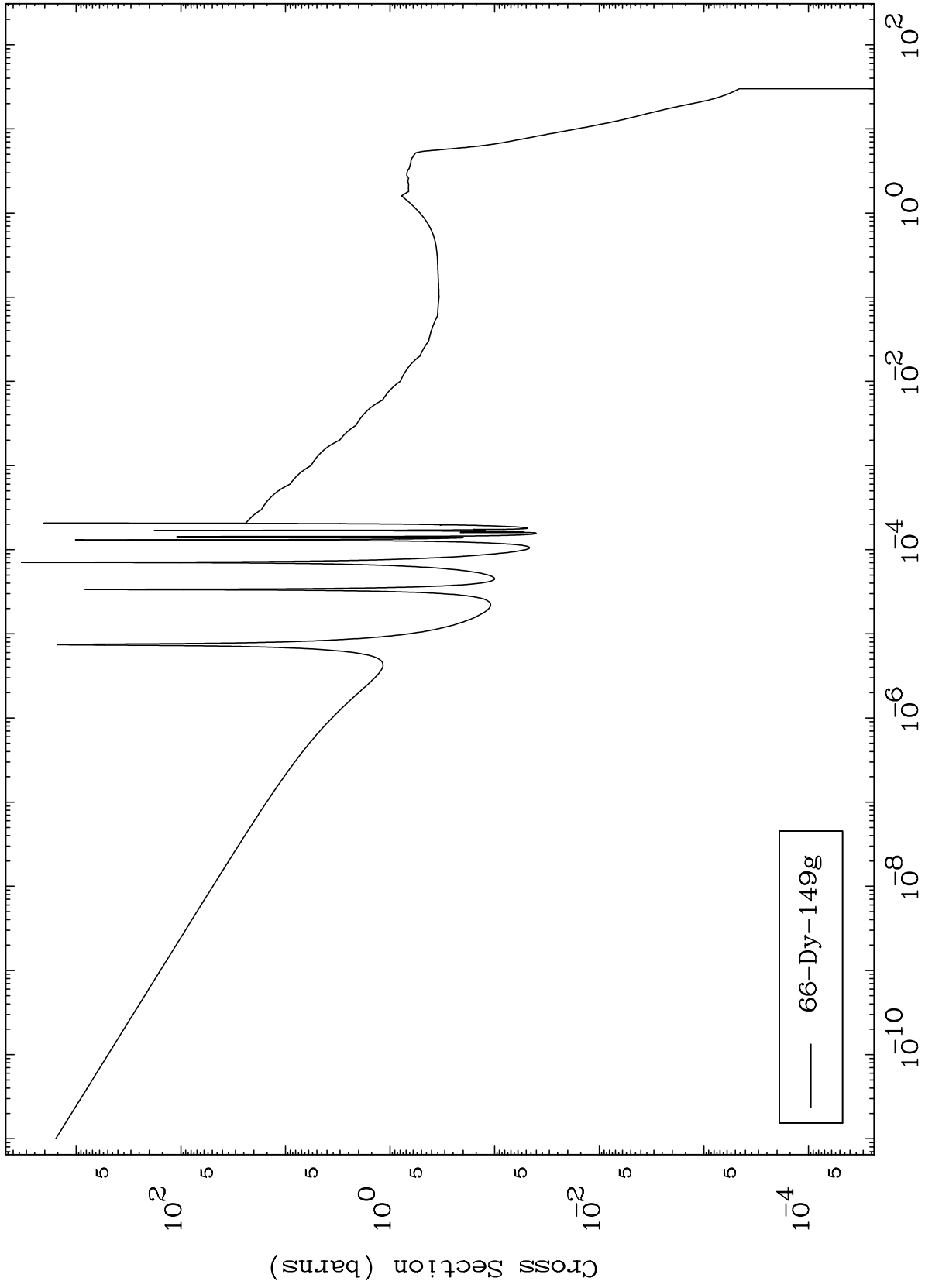
Radionuclide Production Cross Section



MAT 6601

66-Dy-148

$(n, \gamma)$   
Radionuclide Production Cross Section



66-Dy-148

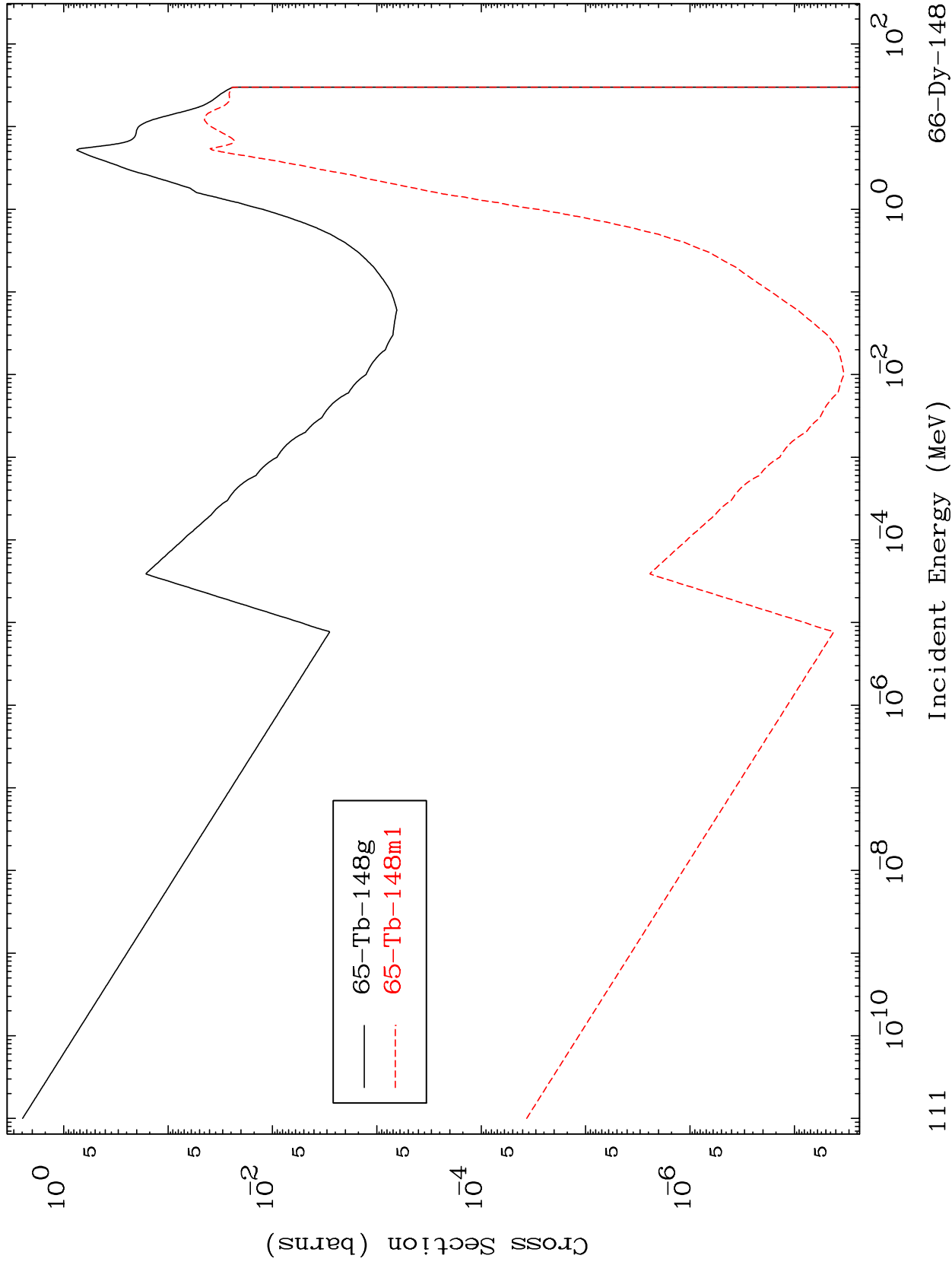
Incident Energy (MeV)

110

MAT 6601

66-Dy-148

(n,p)  
Radionuclide Production Cross Section



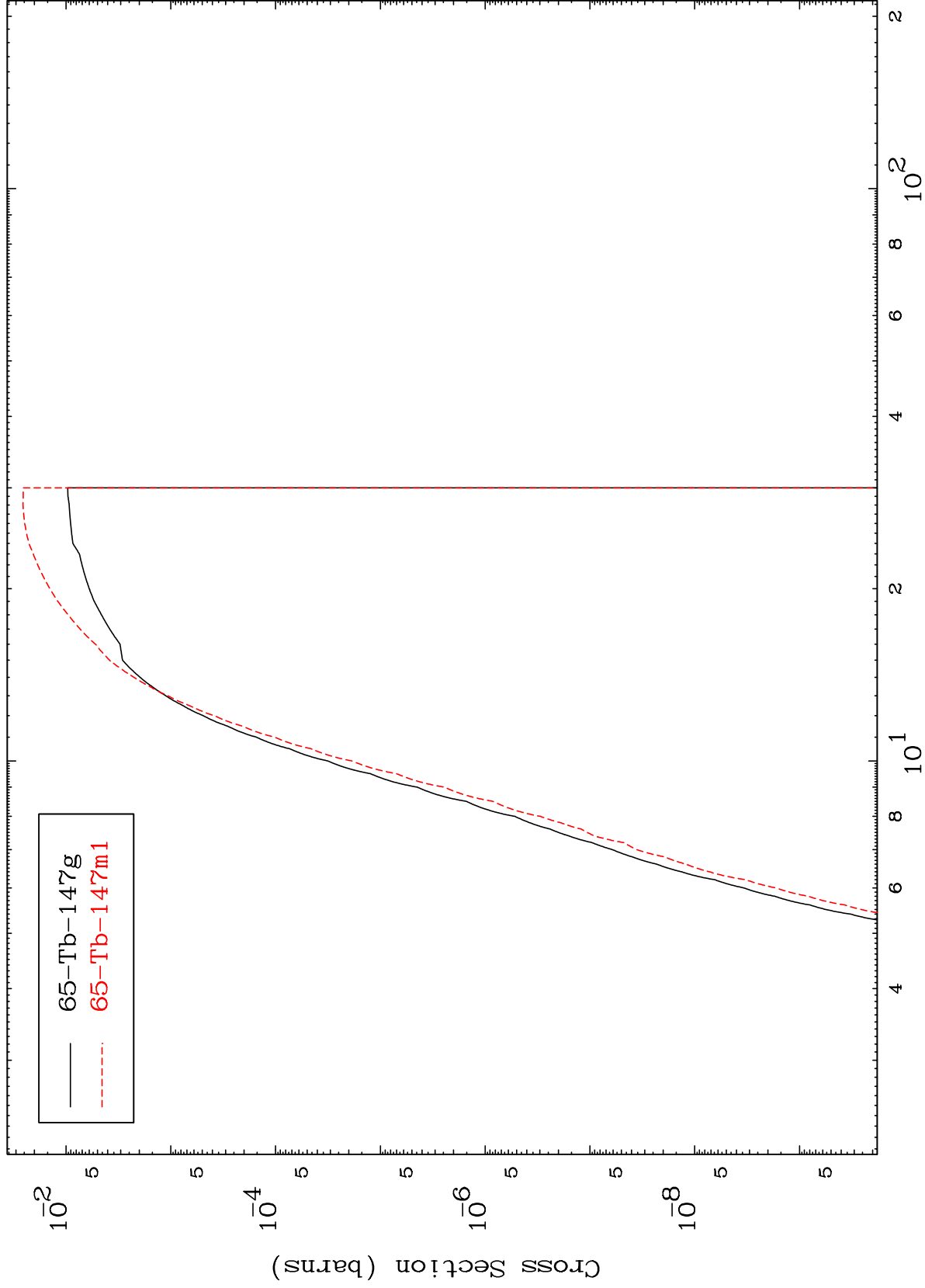
111



MAT 6601

66-Dy-148

(n,d)  
Radionuclide Production Cross Section



112

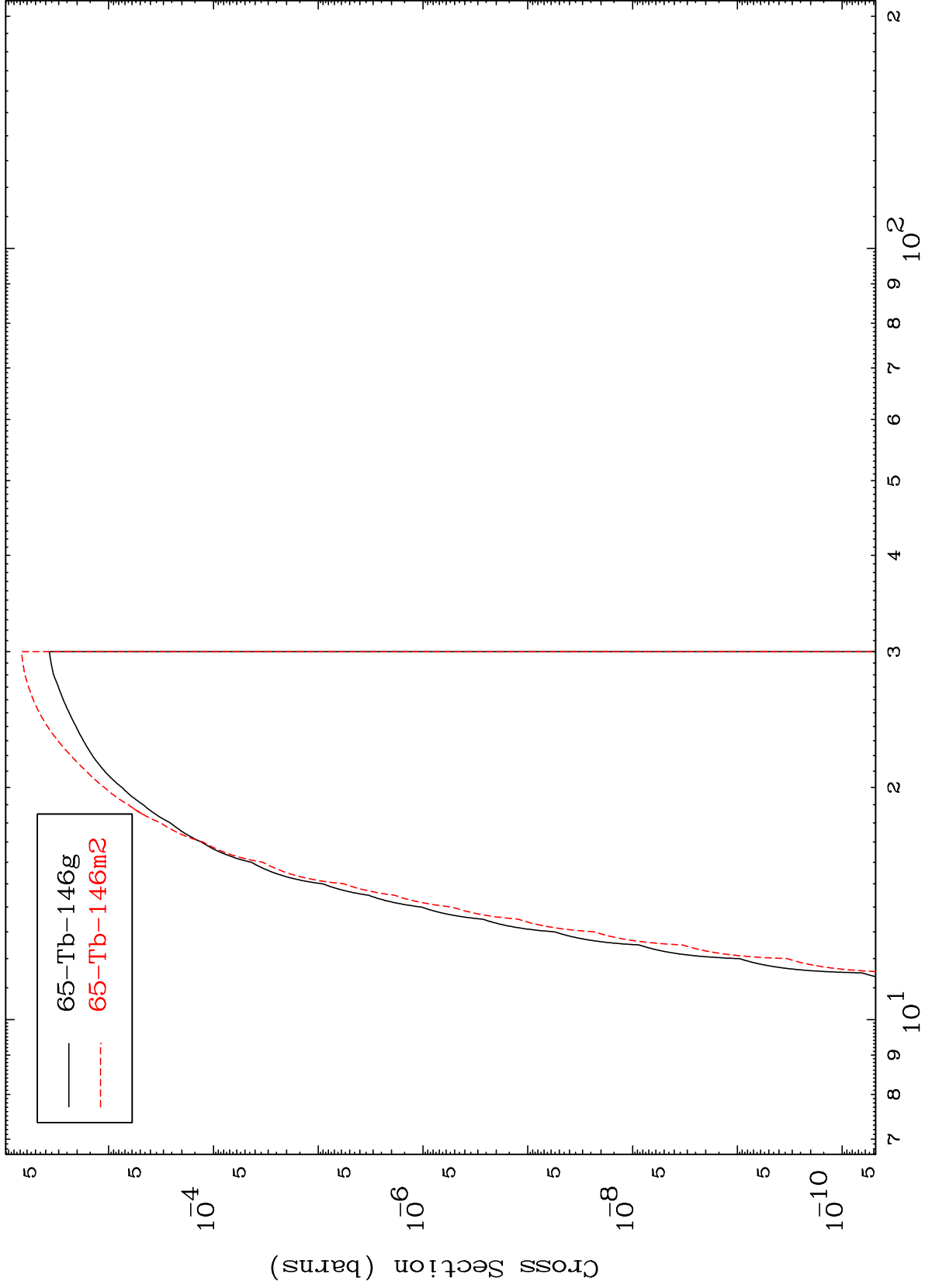
66-Dy-148

Incident Energy (MeV)

MAT 6601

66-Dy-148

(n, t)  
Radionuclide Production Cross Section



113

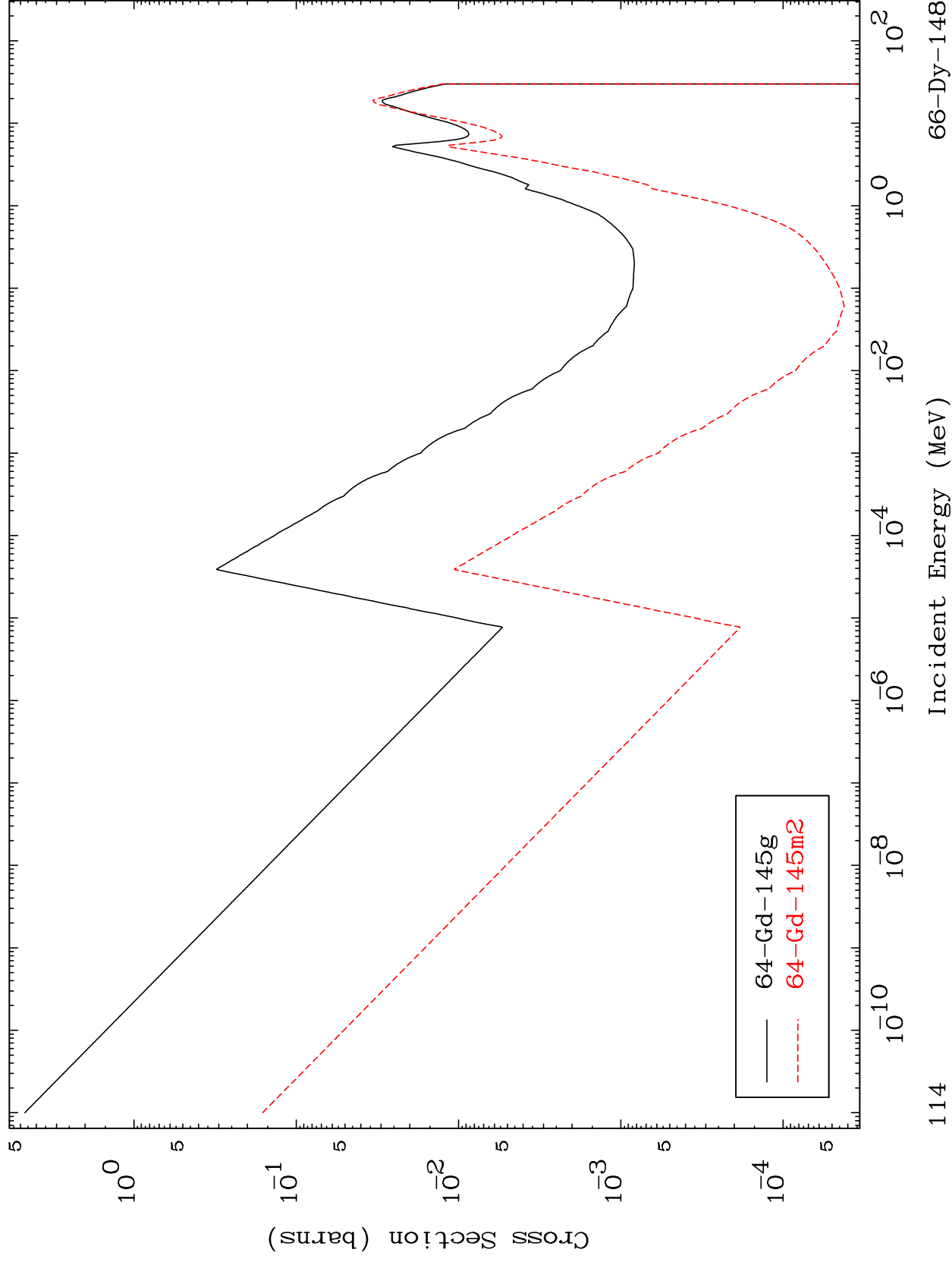
Incident Energy (MeV)

66-Dy-148

MAT 6601

66-Dy-148

Radionuclide Production Cross Section  
(n,  $\alpha$ )

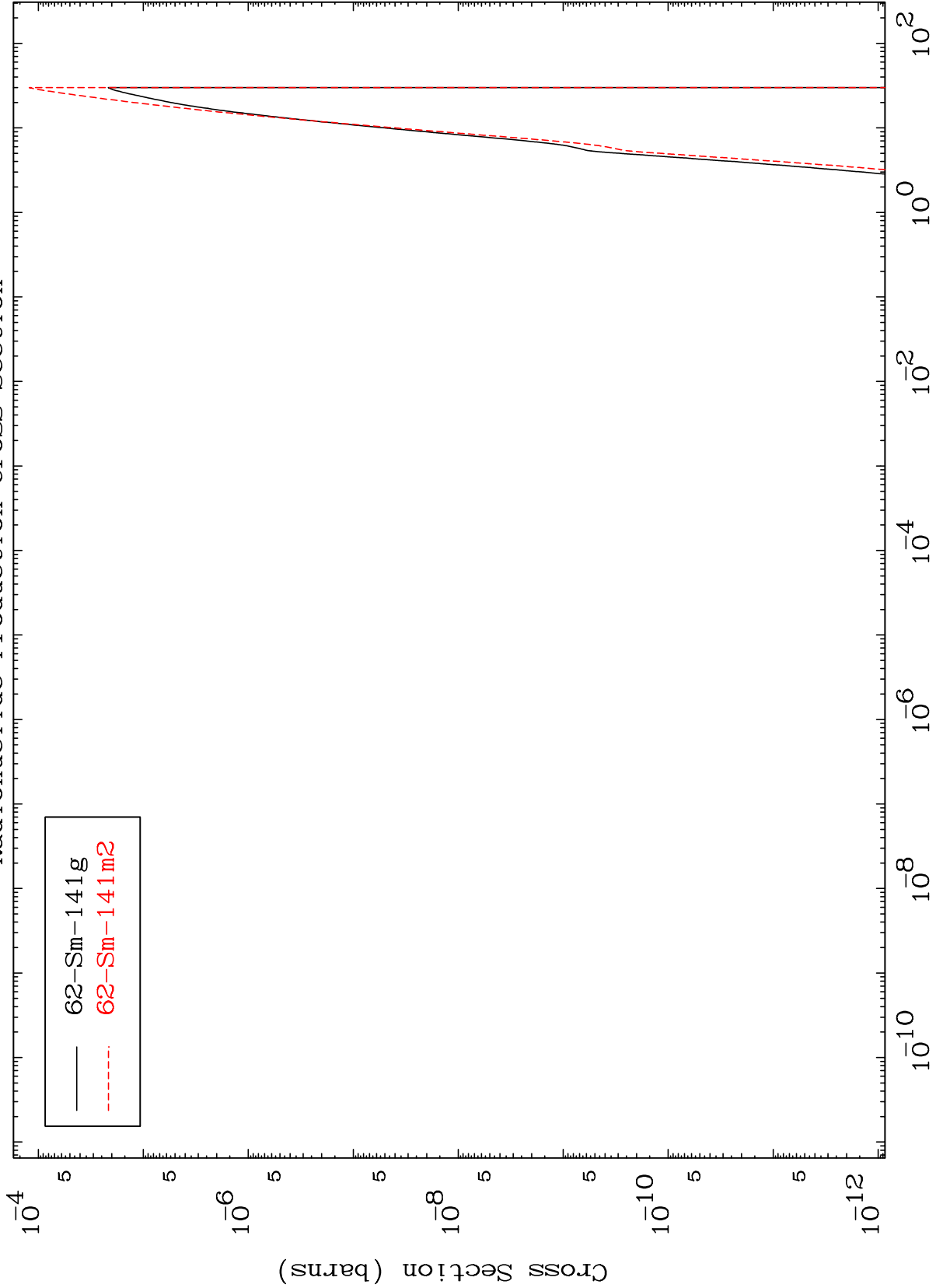


MAT 6601

(n,2α)

66-Dy-148

Radionuclide Production Cross Section

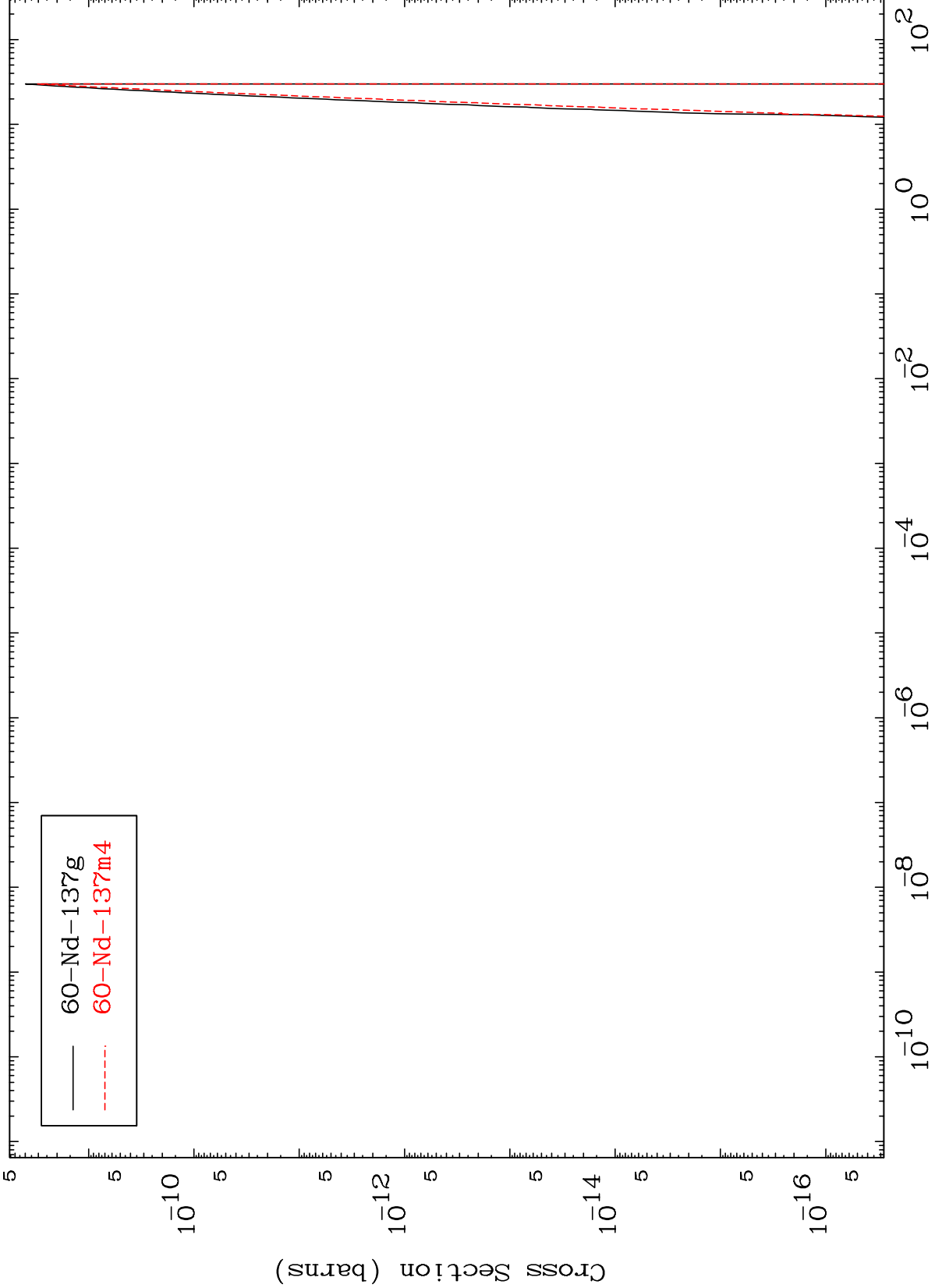


MAT 6601

(n,3 $\alpha$ )

66-Dy-148

Radionuclide Production Cross Section

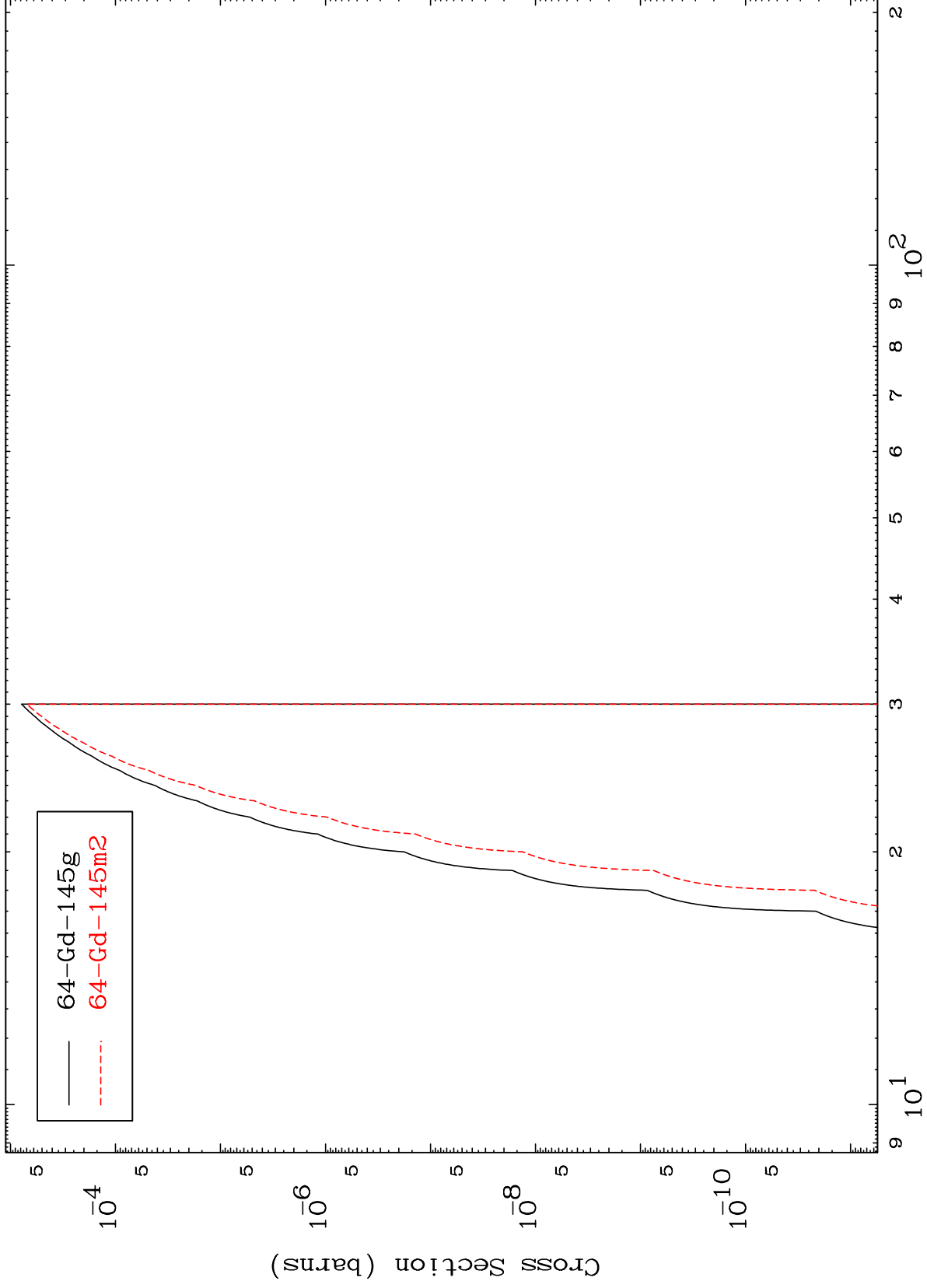


MAT 6601

(n,p) t

66-Dy-148

Radionuclide Production Cross Section



117

Incident Energy (MeV)

66-Dy-148