

Program EVALPLOT  
(Version 2015-2)

by

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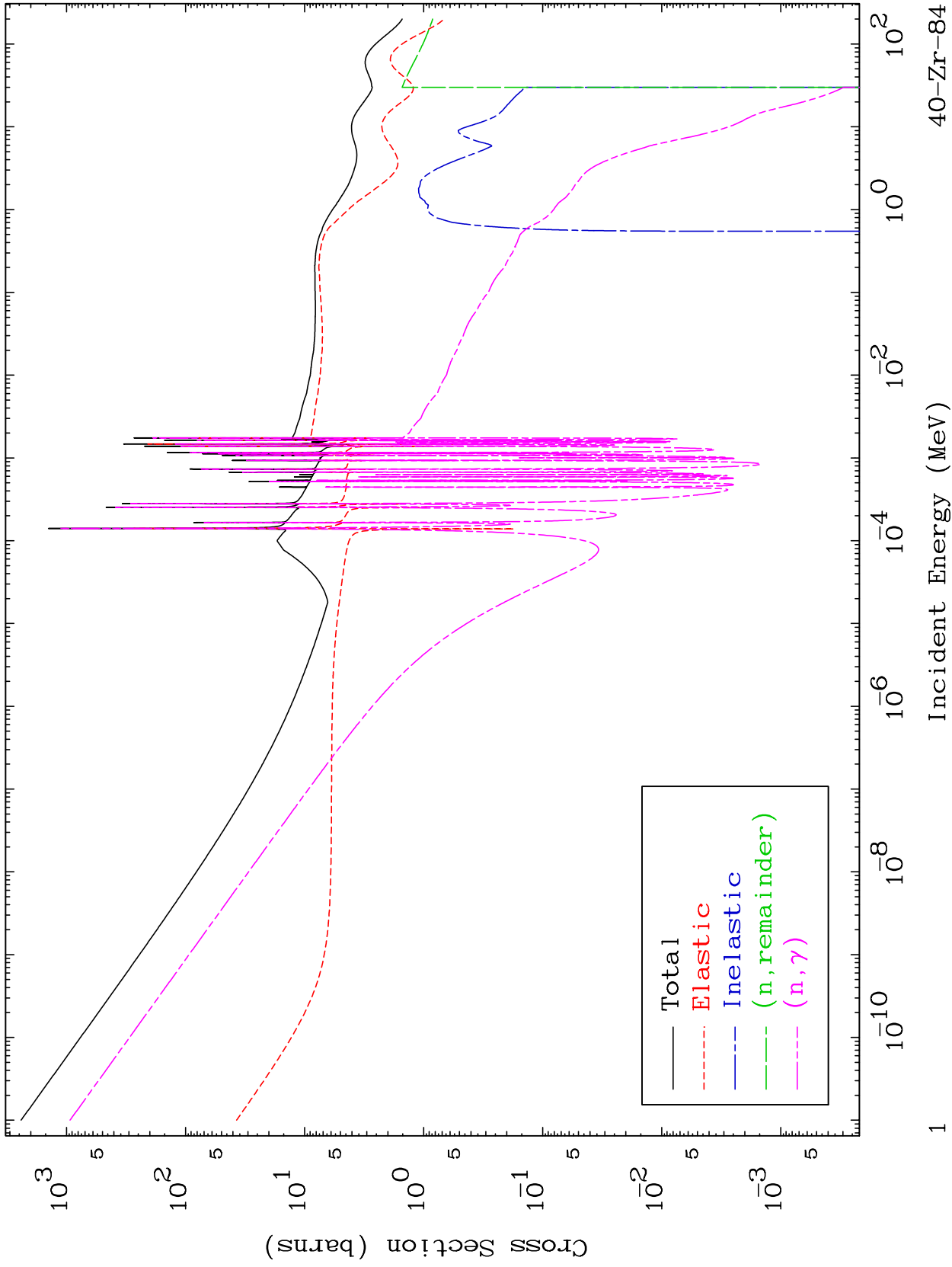
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 4007

Major  
293 Kelvin Cross Sections

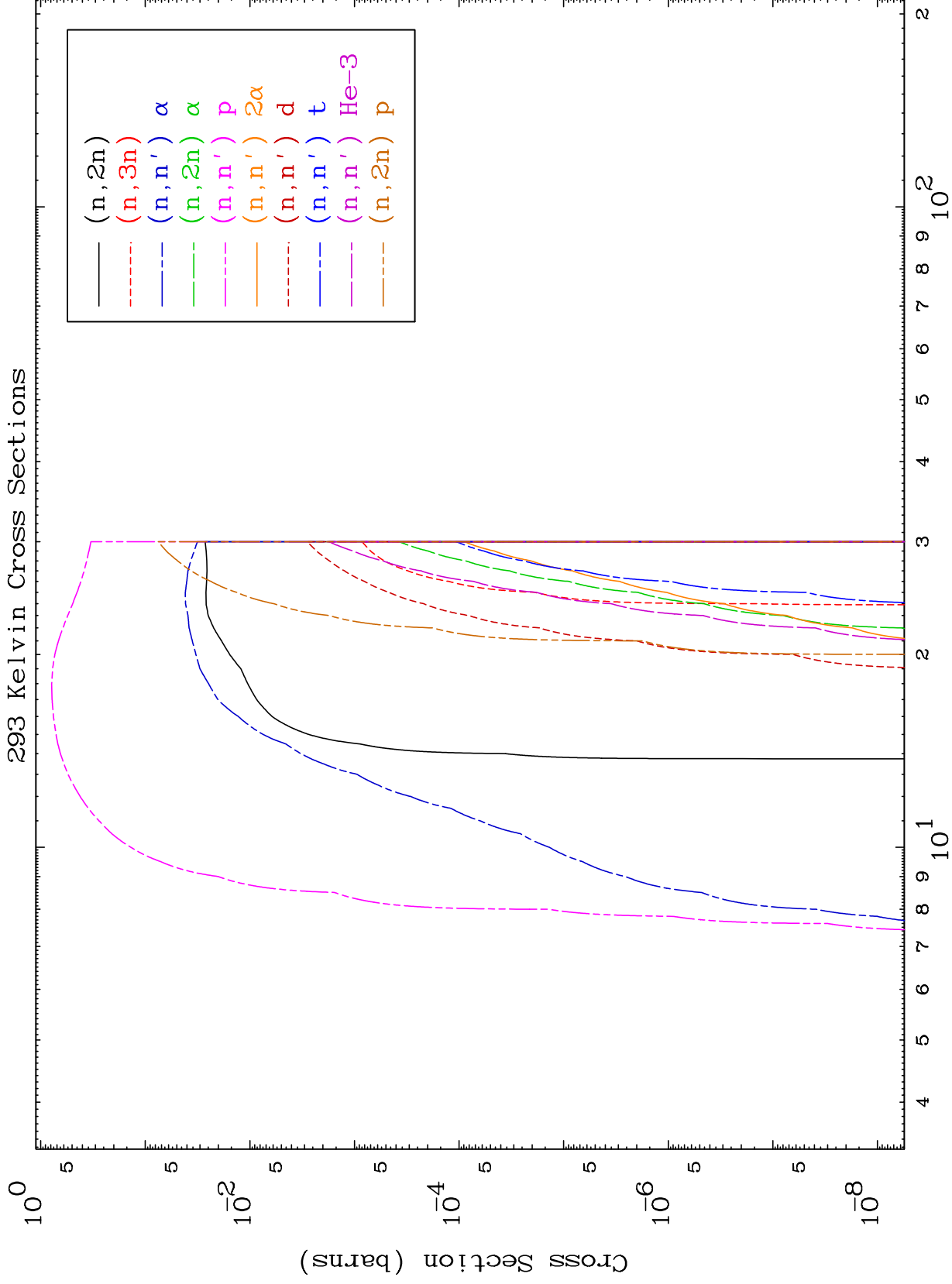
40-Zr-84



MAT 4007

Neutron Production  
293 Kelvin Cross Sections

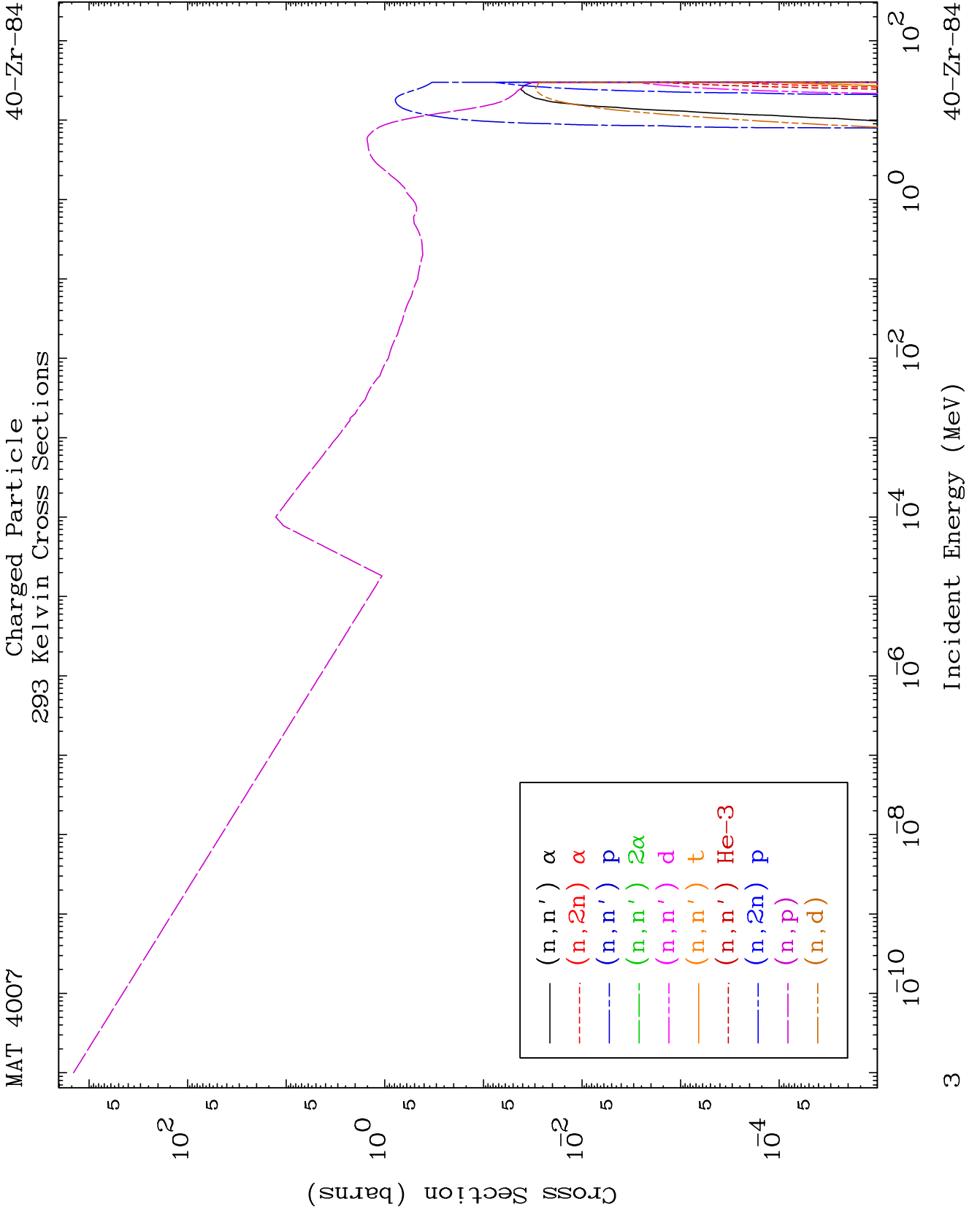
40-Zr-84



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Incident Energy (MeV)

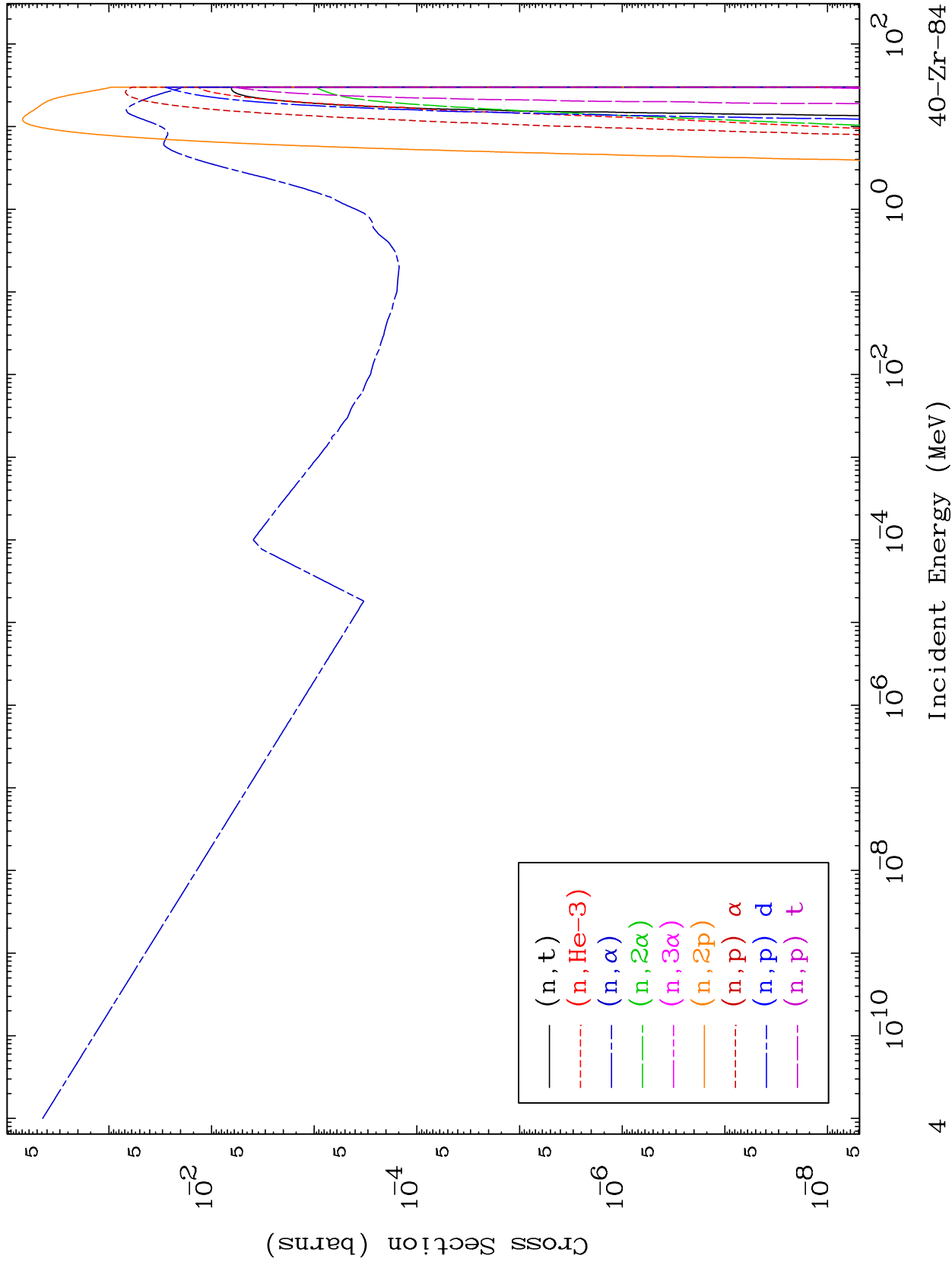
40-Zr-84



MAT 4007

Charged Particle  
293 Kelvin Cross Sections

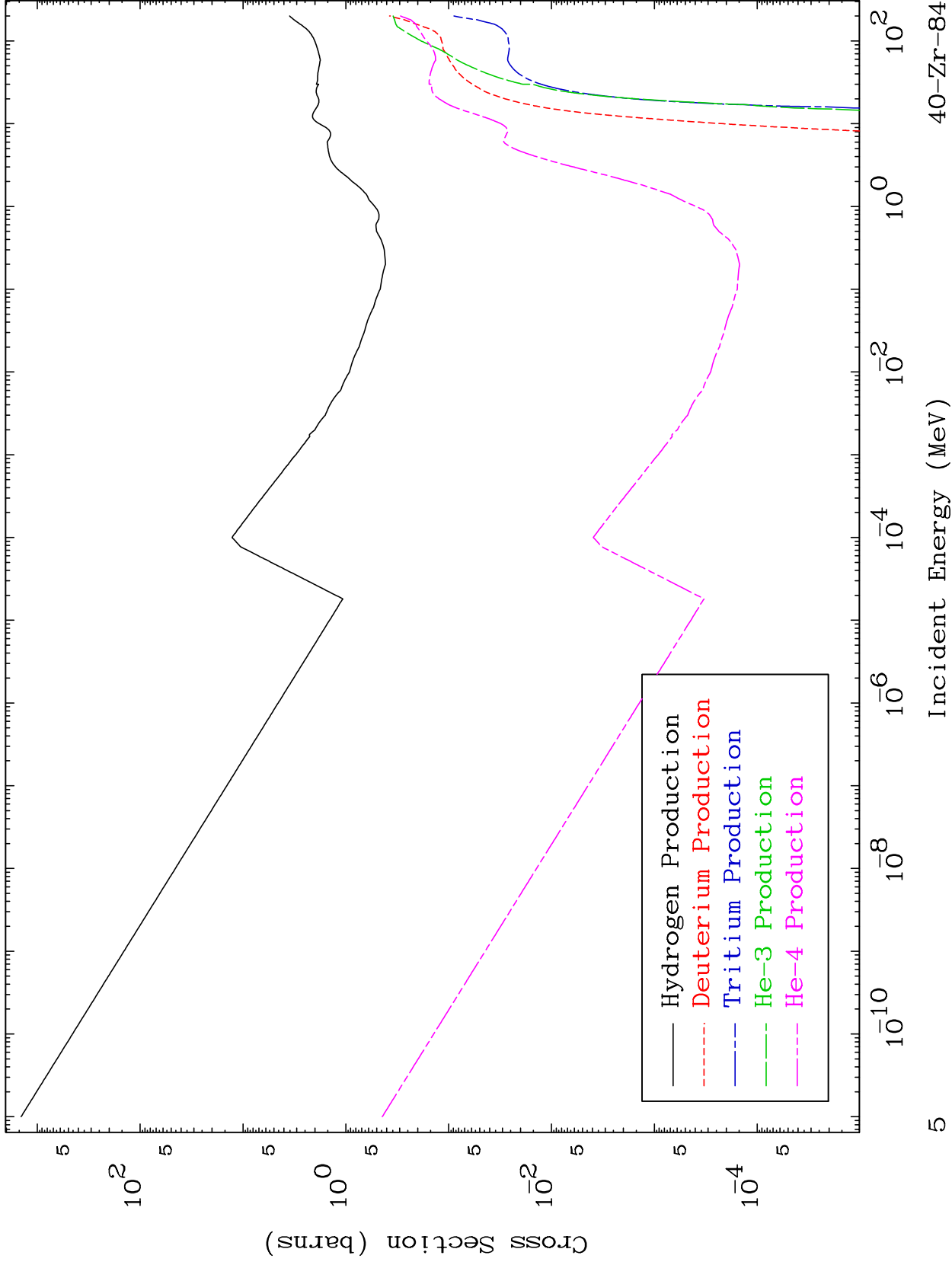
40-Zr-84



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Particle Production  
293 Kelvin Cross Sections

40-Zr-84

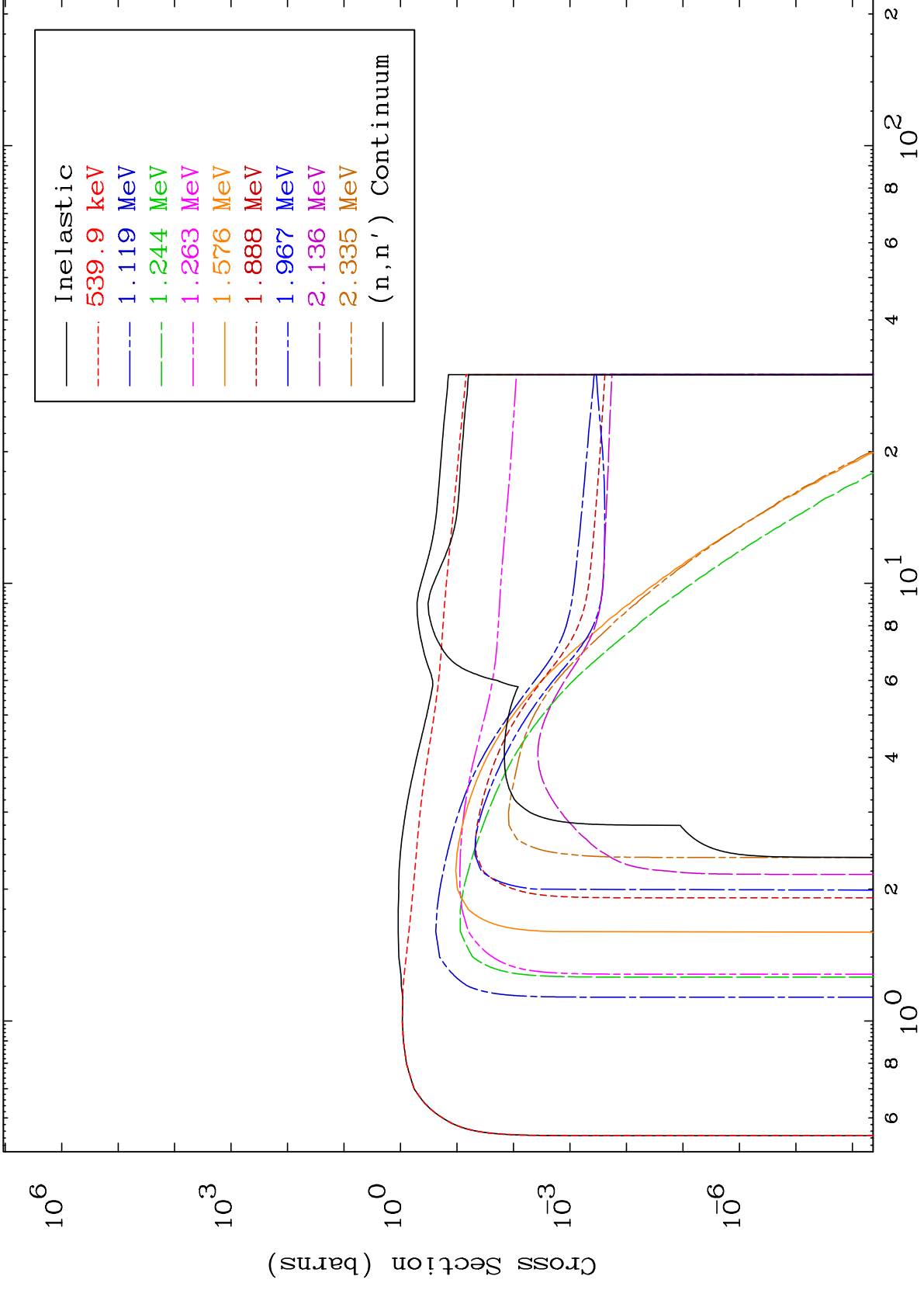


MAT 4007

(n,n') Level

40-Zr-84

293 Kelvin Cross Sections



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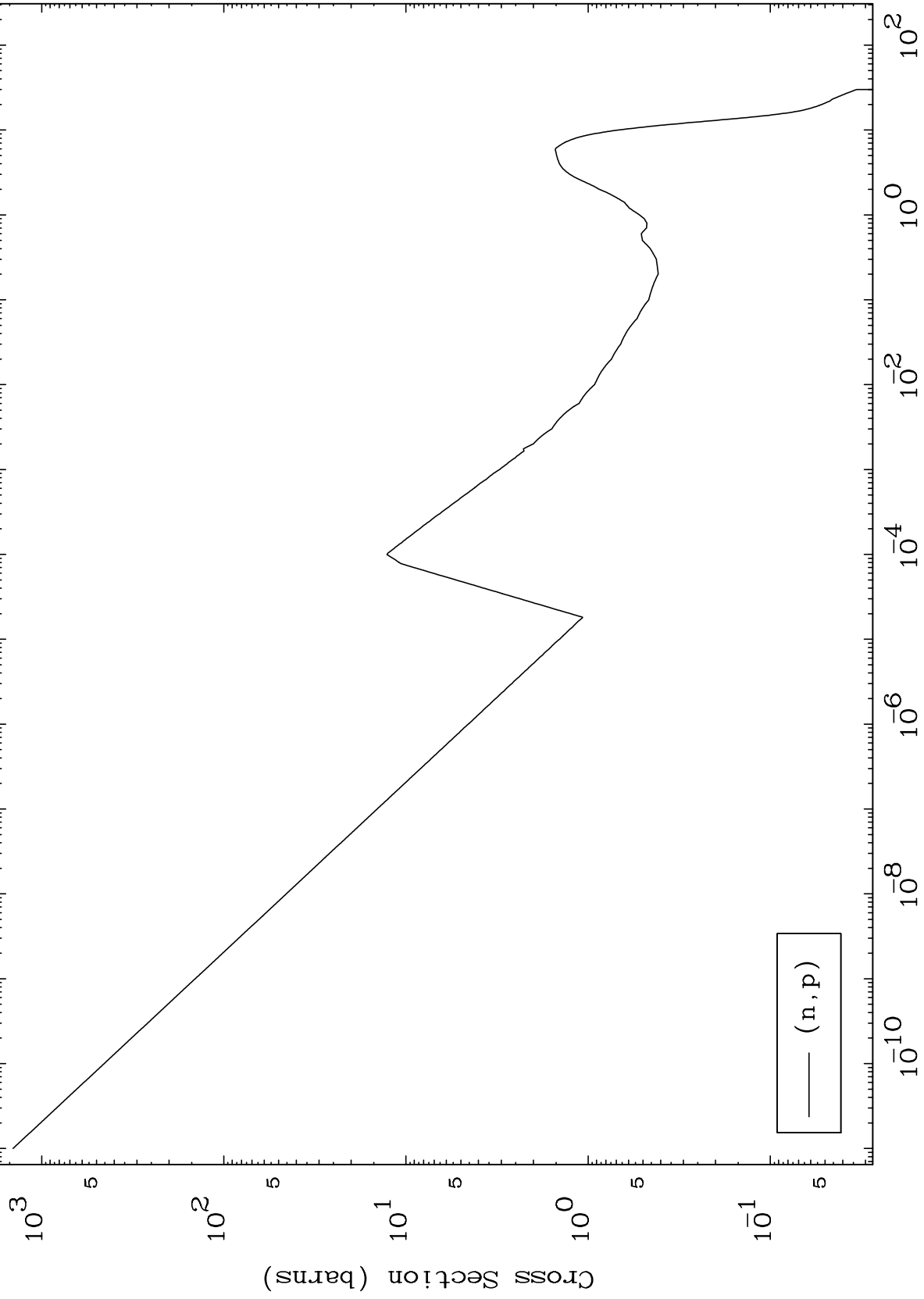
Incident Energy (MeV)

40-Zr-84

MAT 4007

(n,p) Levels  
293 Kelvin Cross Sections

40-Zr-84



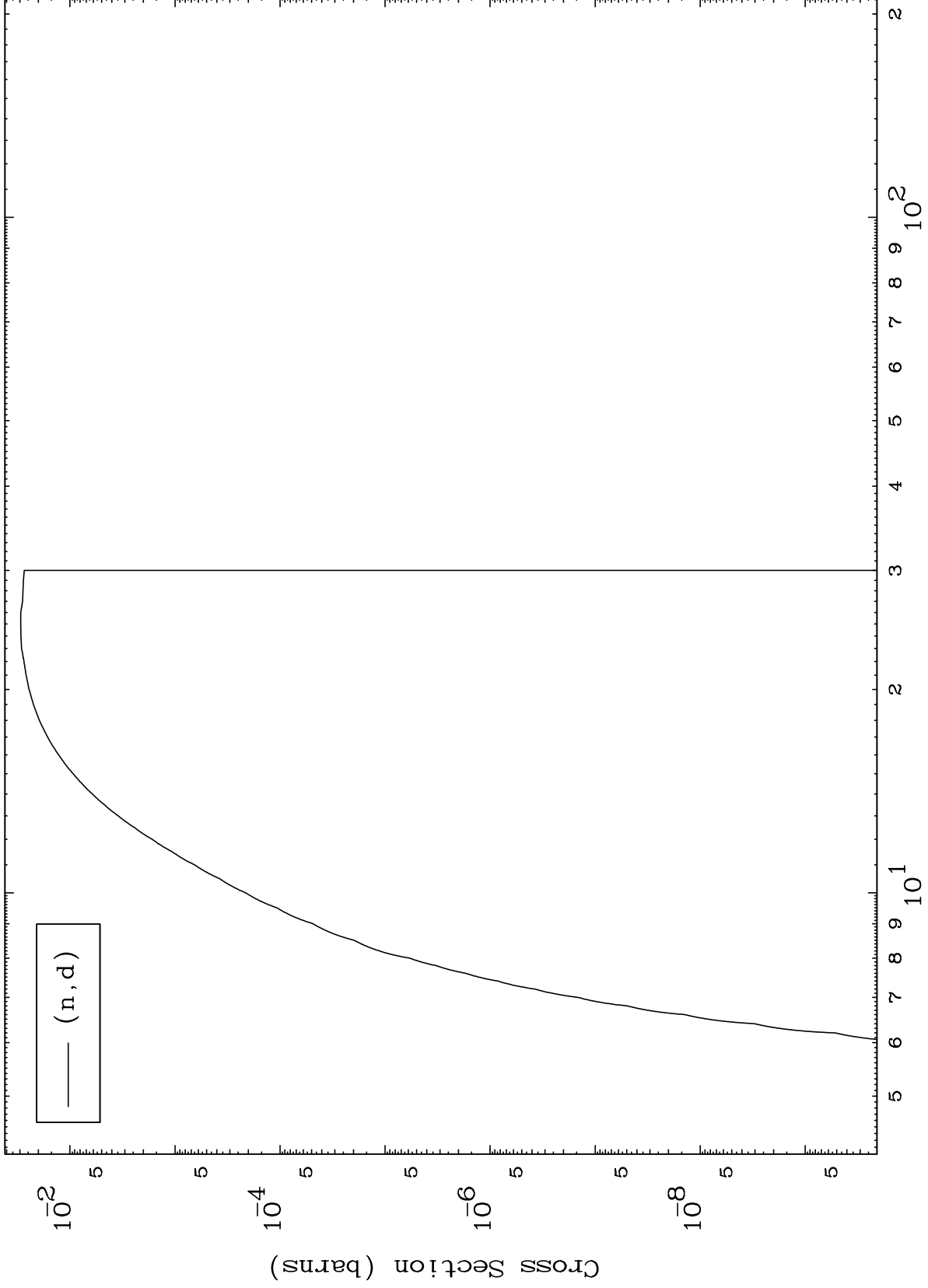
— (n,p)



MAT 4007

(n,d) Levels  
293 Kelvin Cross Sections

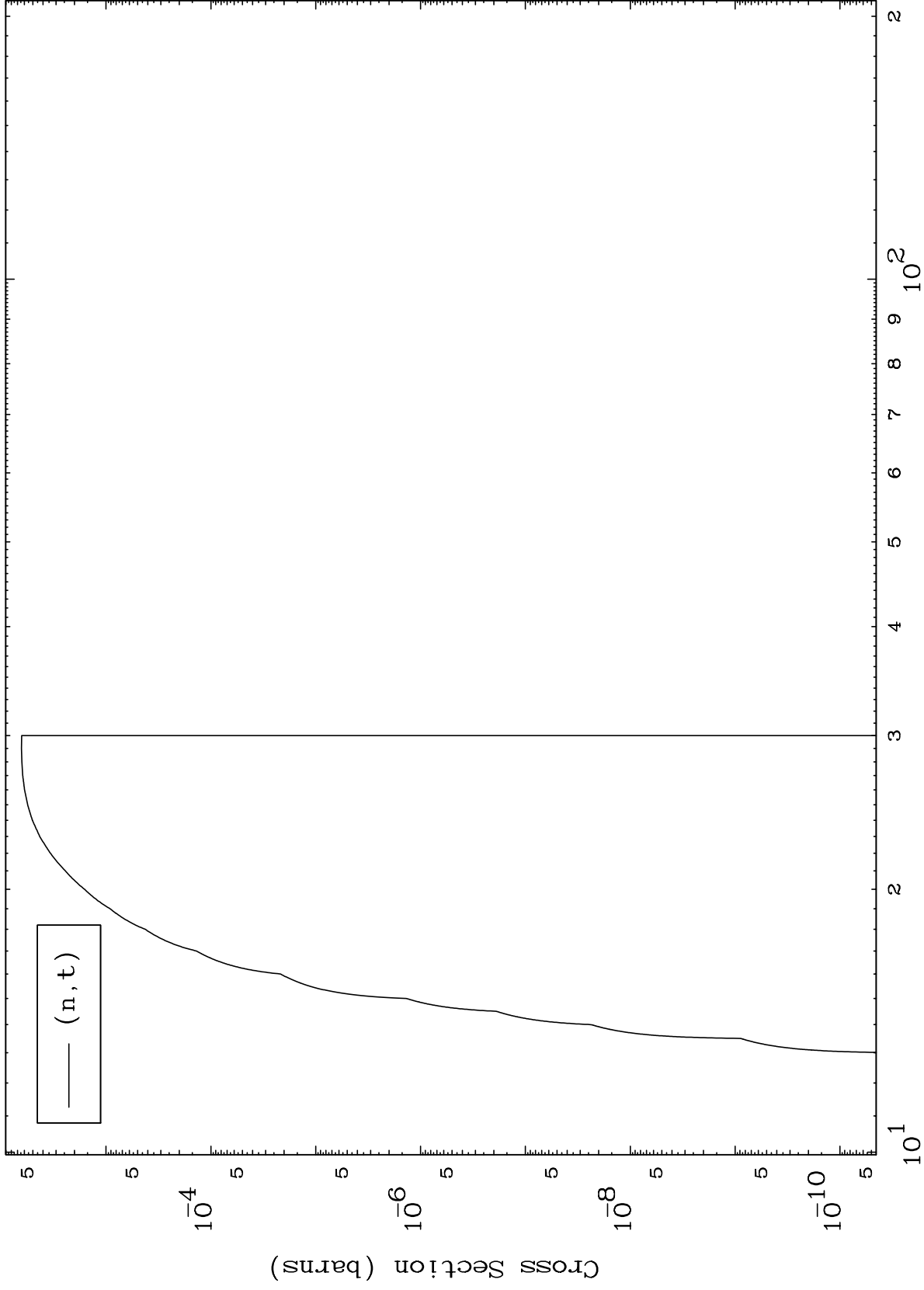
40-Zr-84



MAT 4007

(n,t) Levels  
293 Kelvin Cross Sections

40-Zr-84



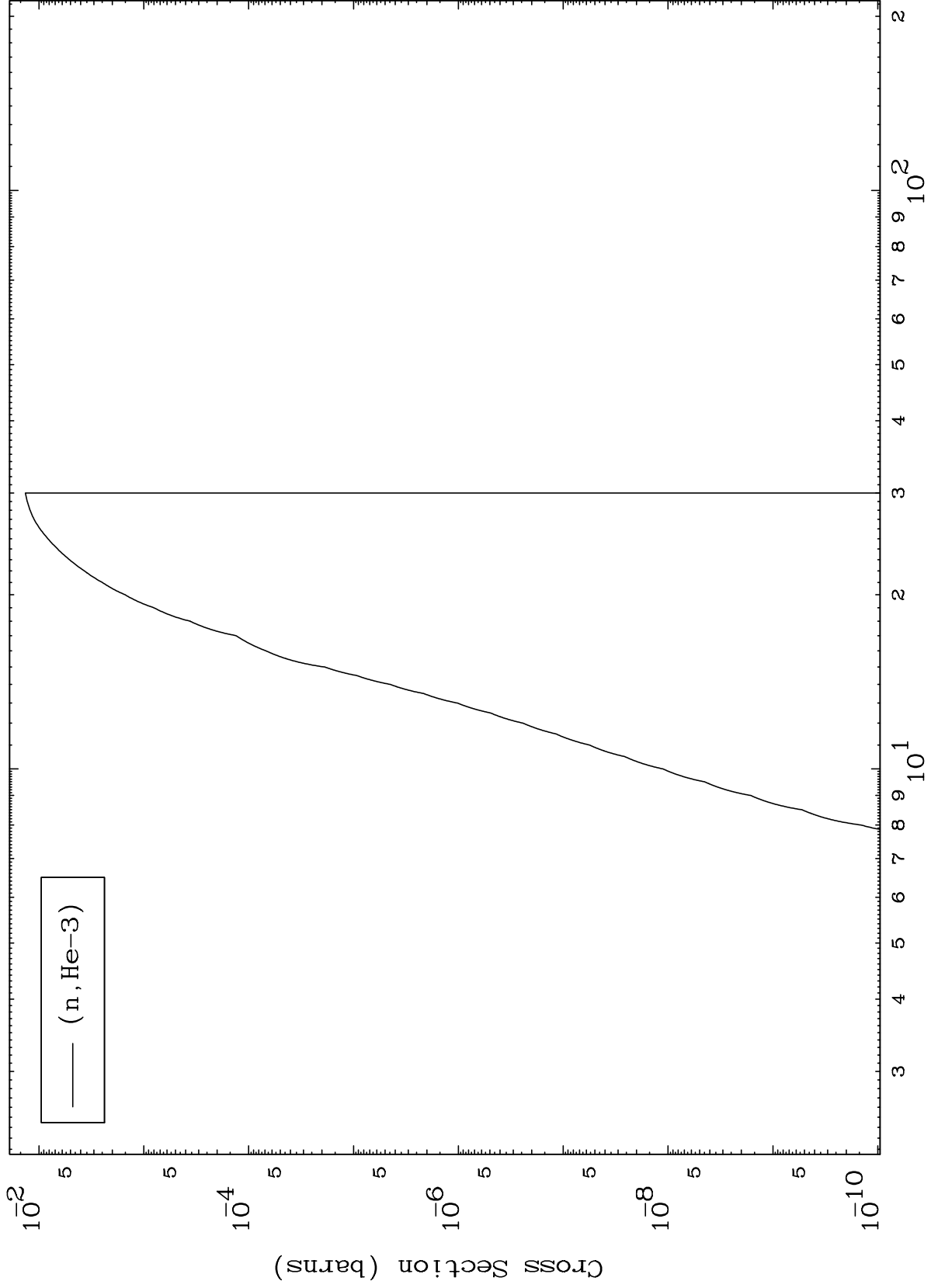
Incident Energy (MeV)

40-Zr-84

MAT 4007

(n,He3) Levels  
293 Kelvin Cross Sections

40-Zr-84



10

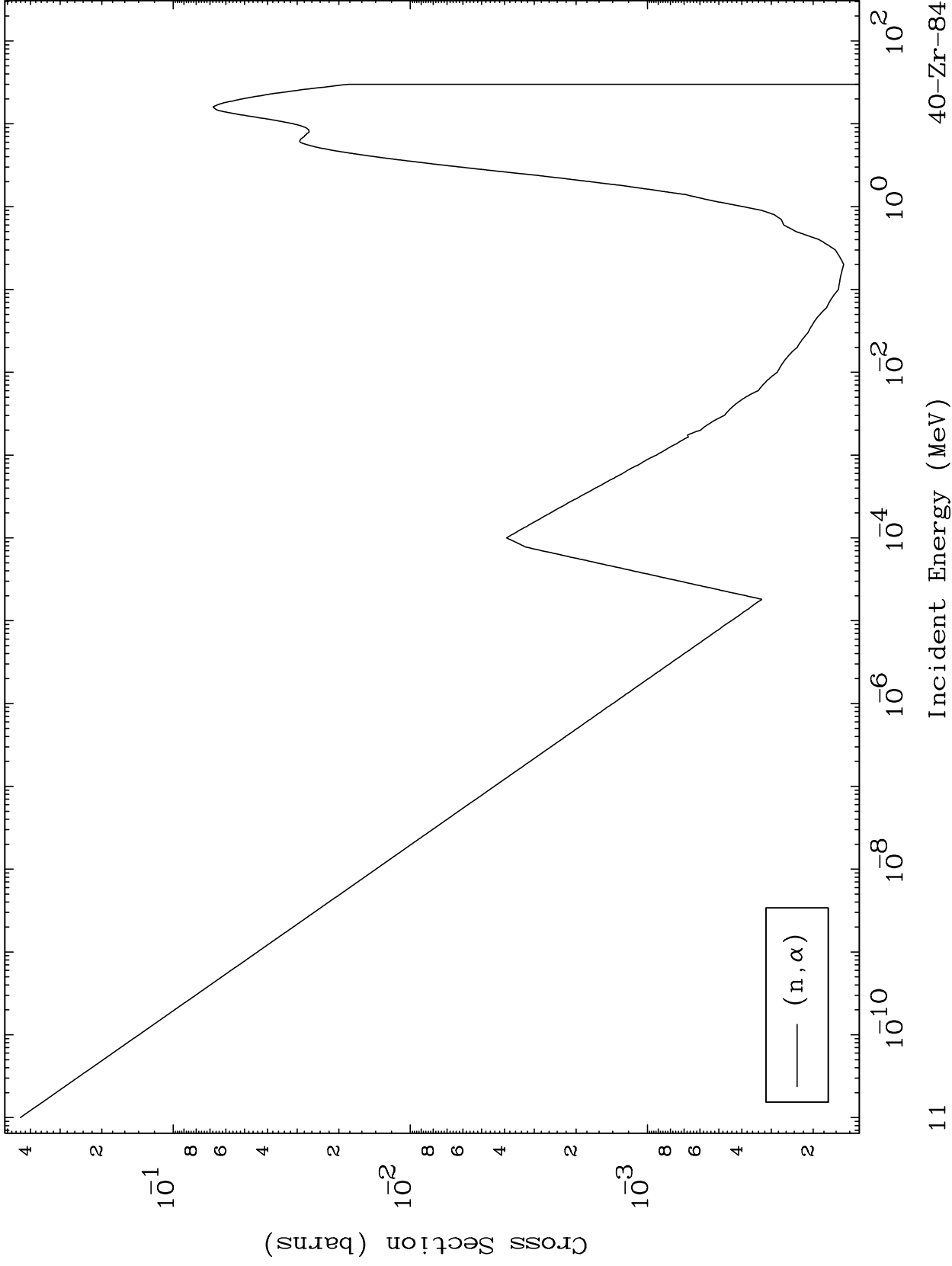
Incident Energy (MeV)

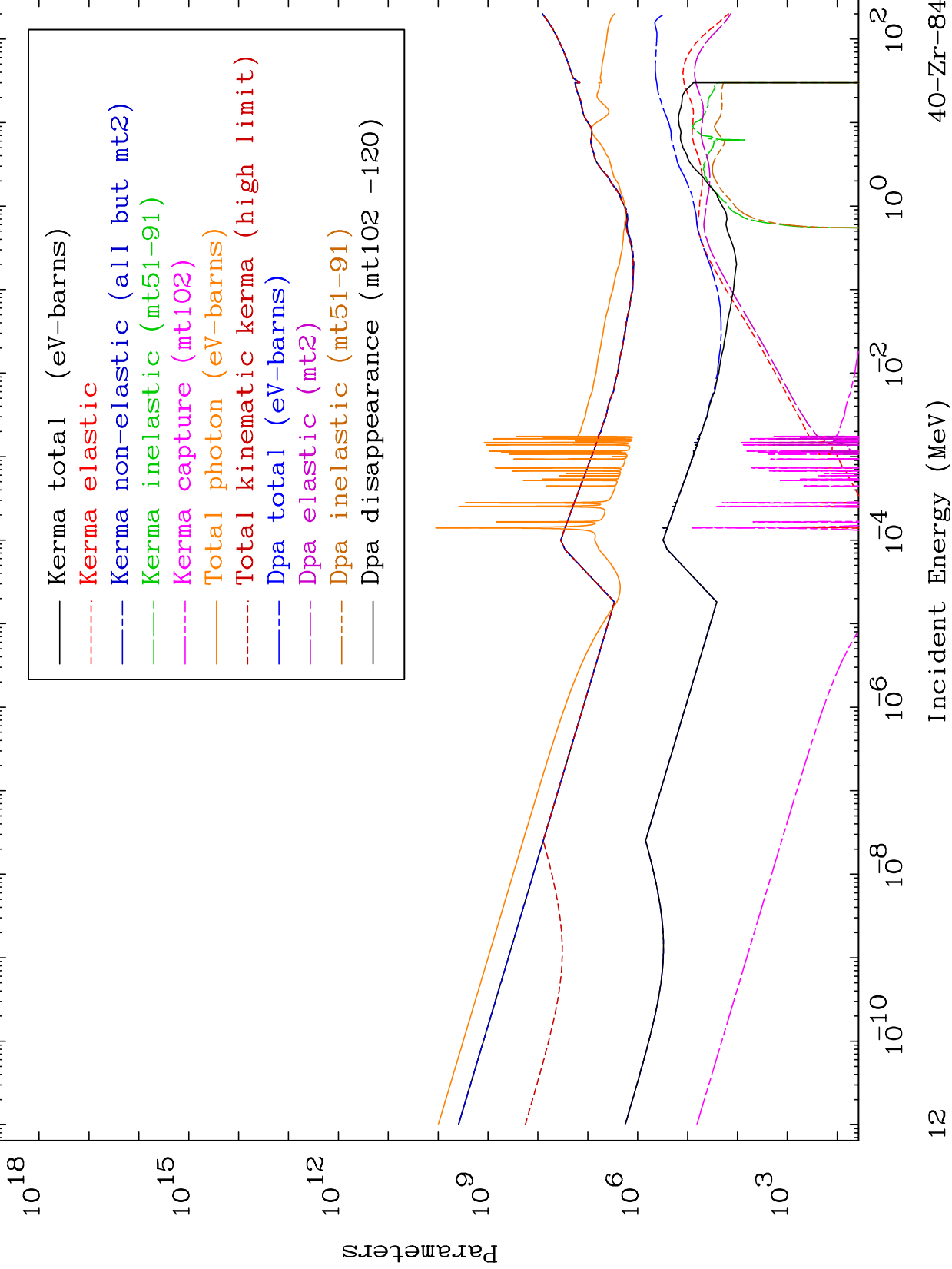
40-Zr-84

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(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

40-Zr-84

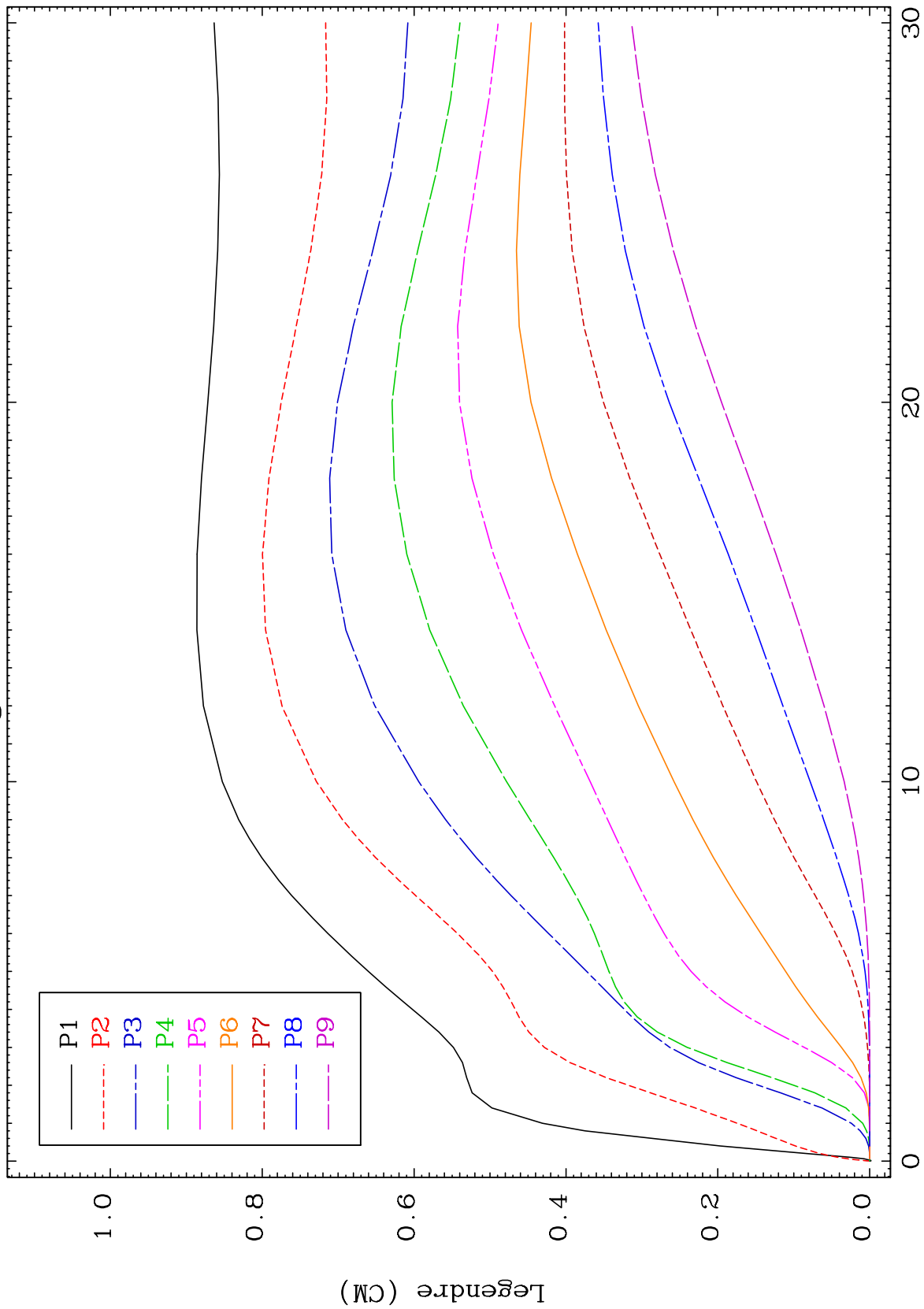




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Elastic Legendre Coefficients

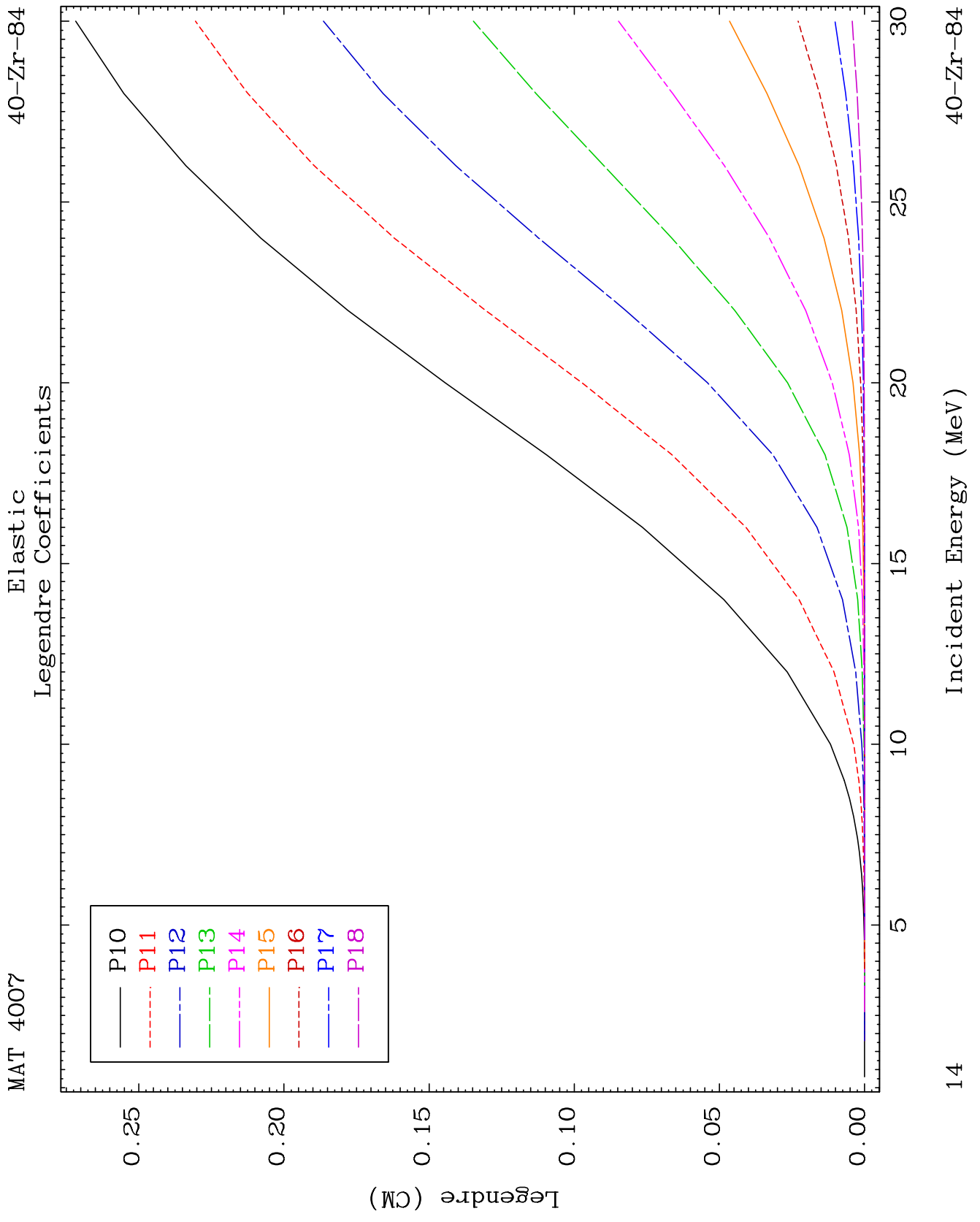
40-Zr-84



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Incident Energy (MeV)

40-Zr-84



MAT 4007

Elastic Legendre Coefficients

40-Zr-84

14

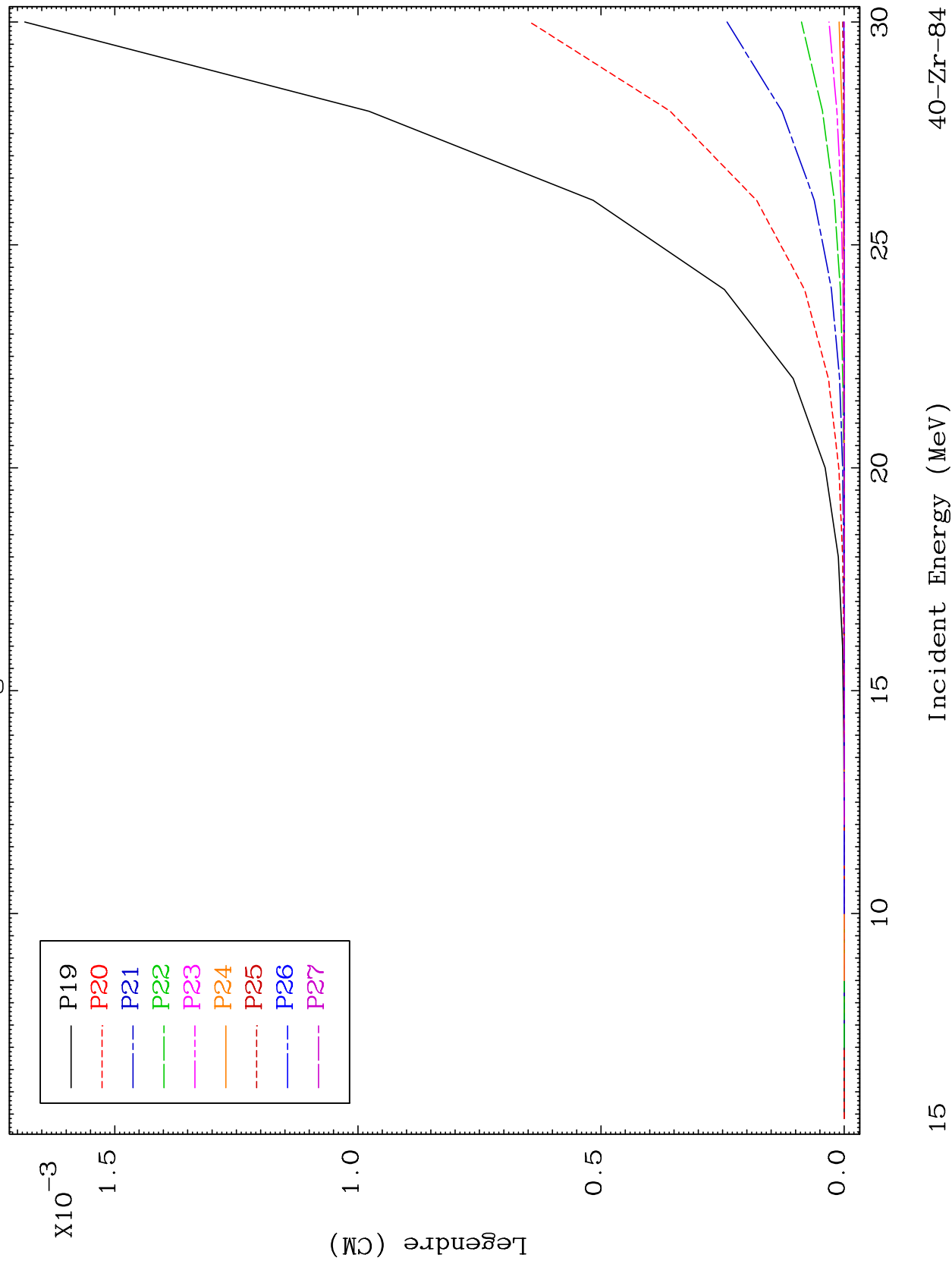
Incident Energy (MeV)

40-Zr-84

MAT 4007

Elastic Legendre Coefficients

40-Zr-84



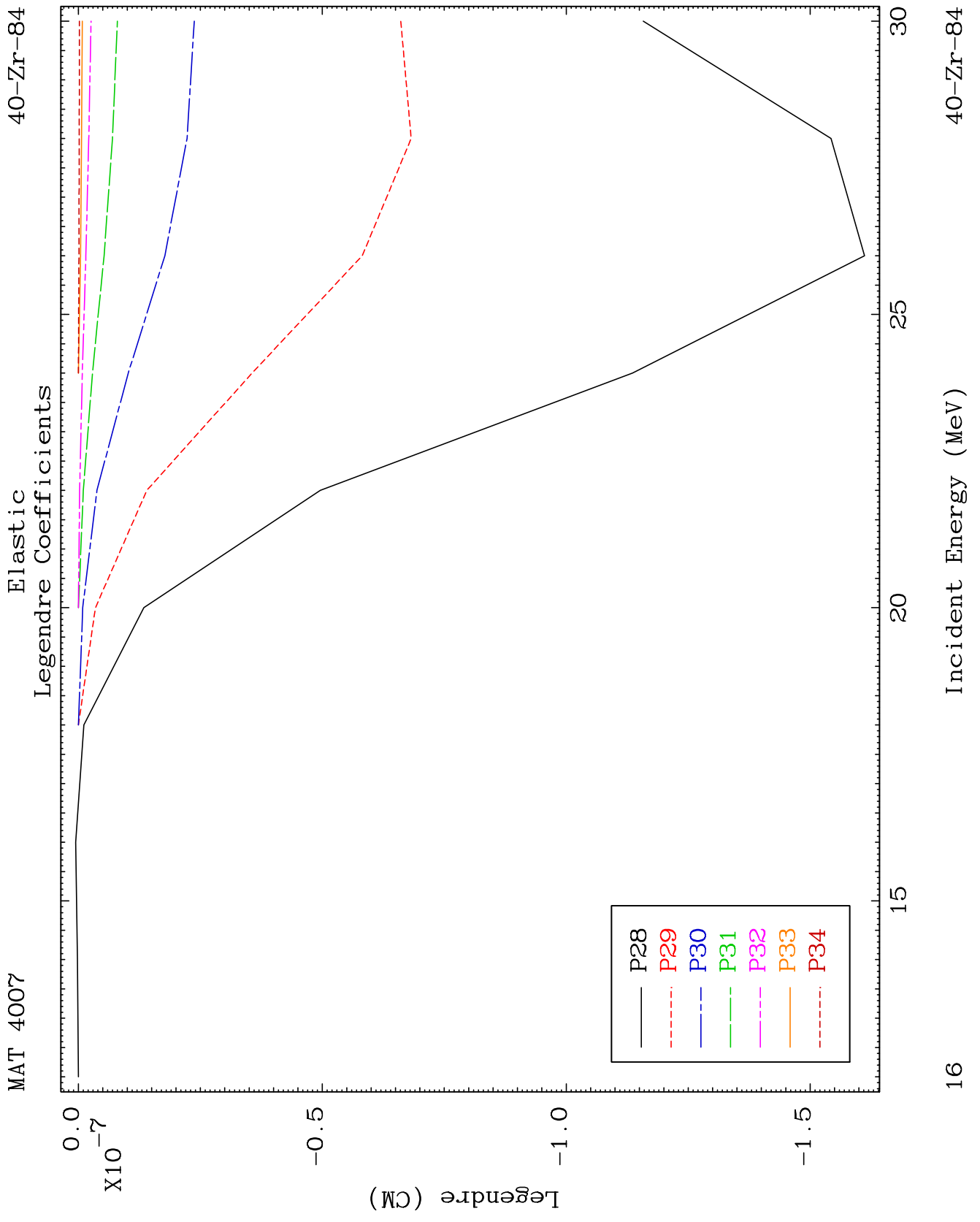
- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26
- P27

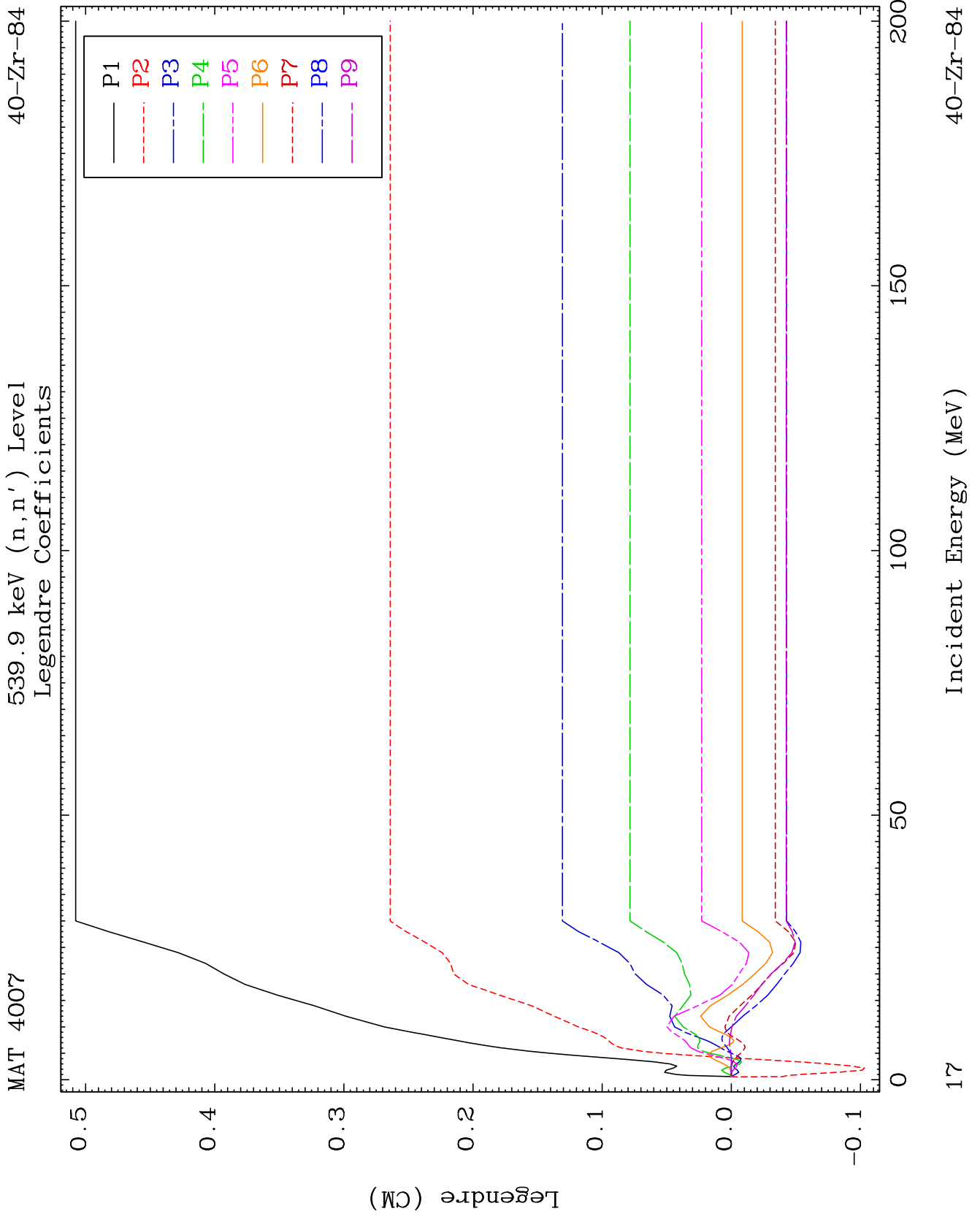
15

Incident Energy (MeV)

40-Zr-84



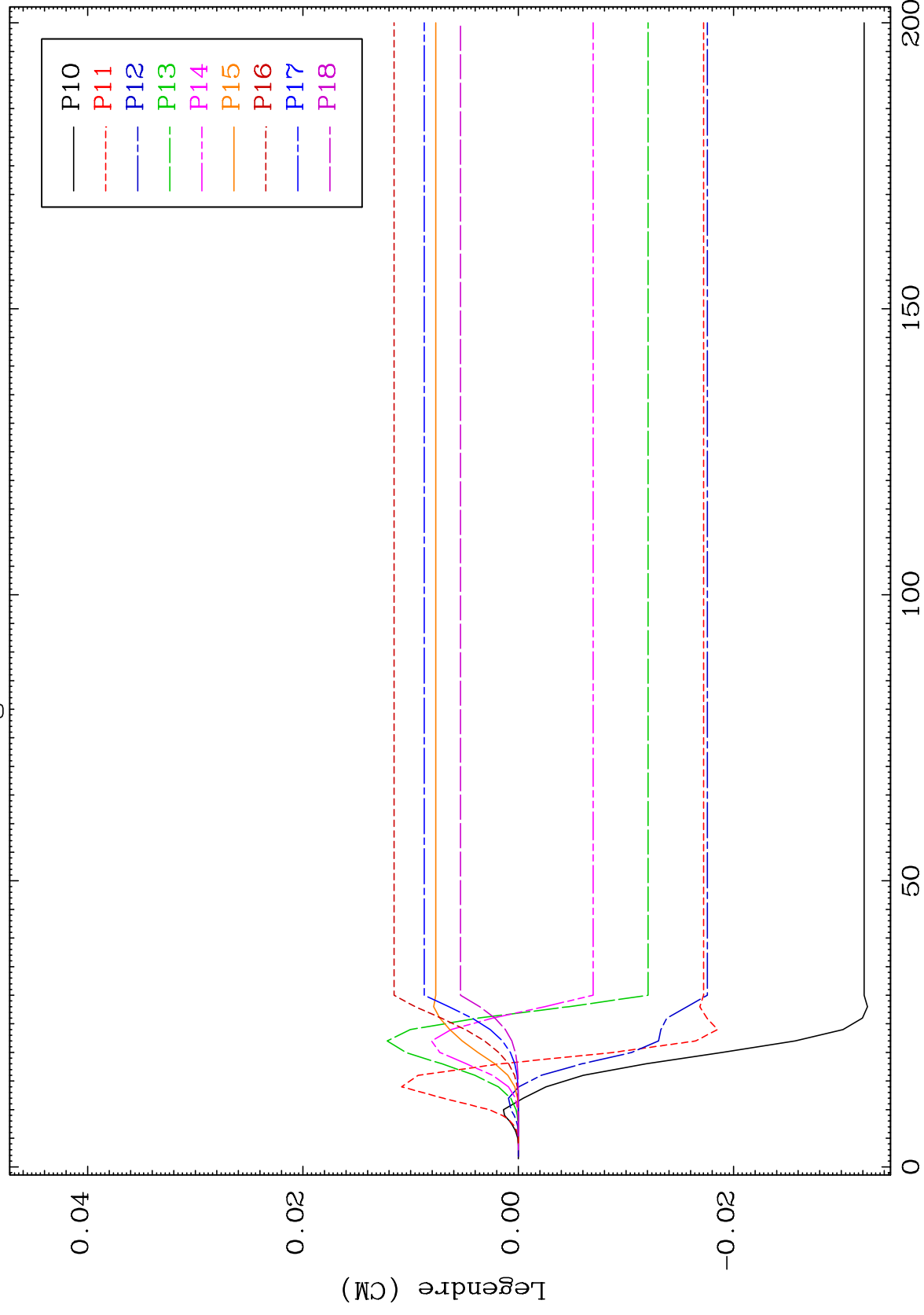




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539.9 keV (n,n') Level  
Legendre Coefficients

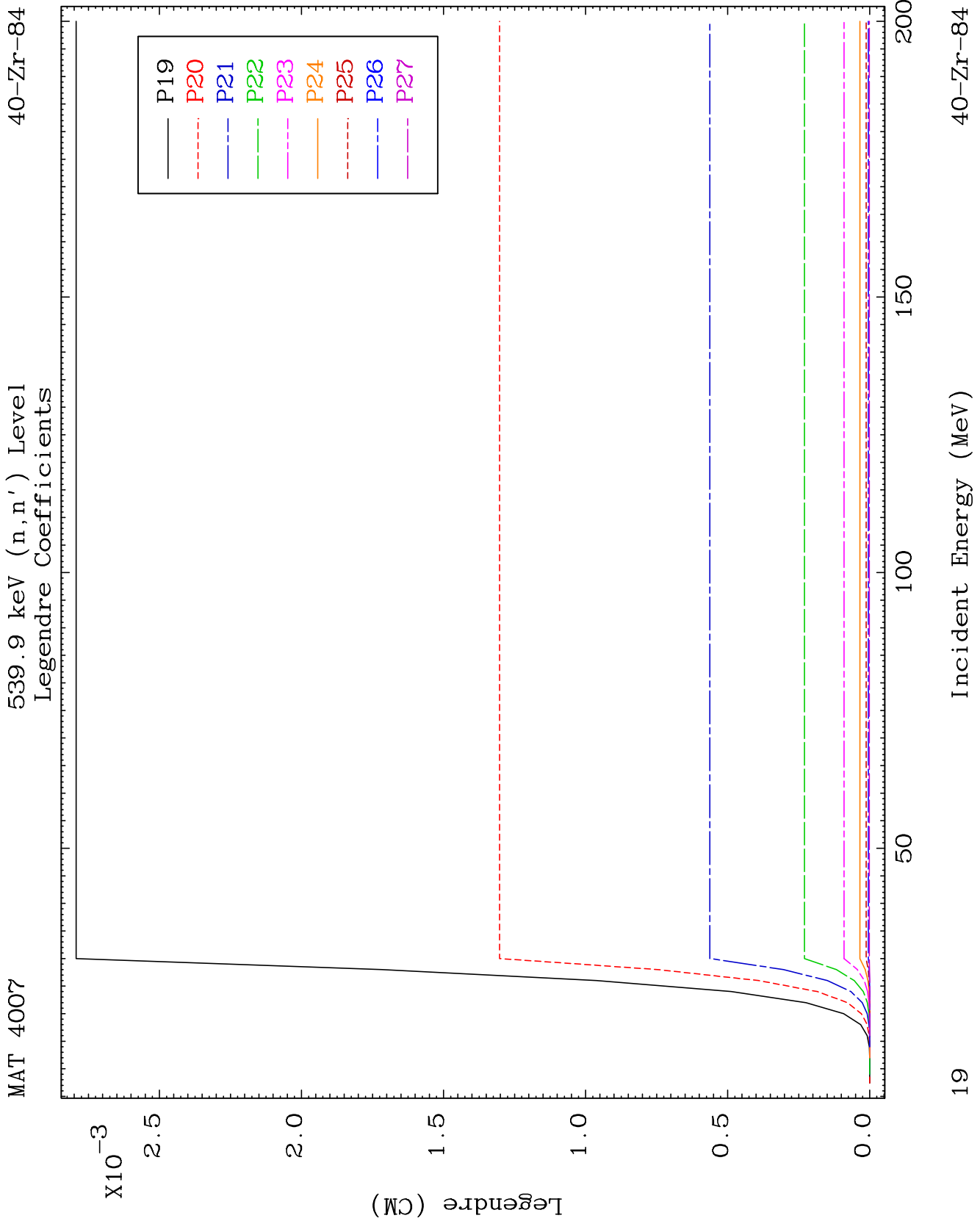
40-Zr-84

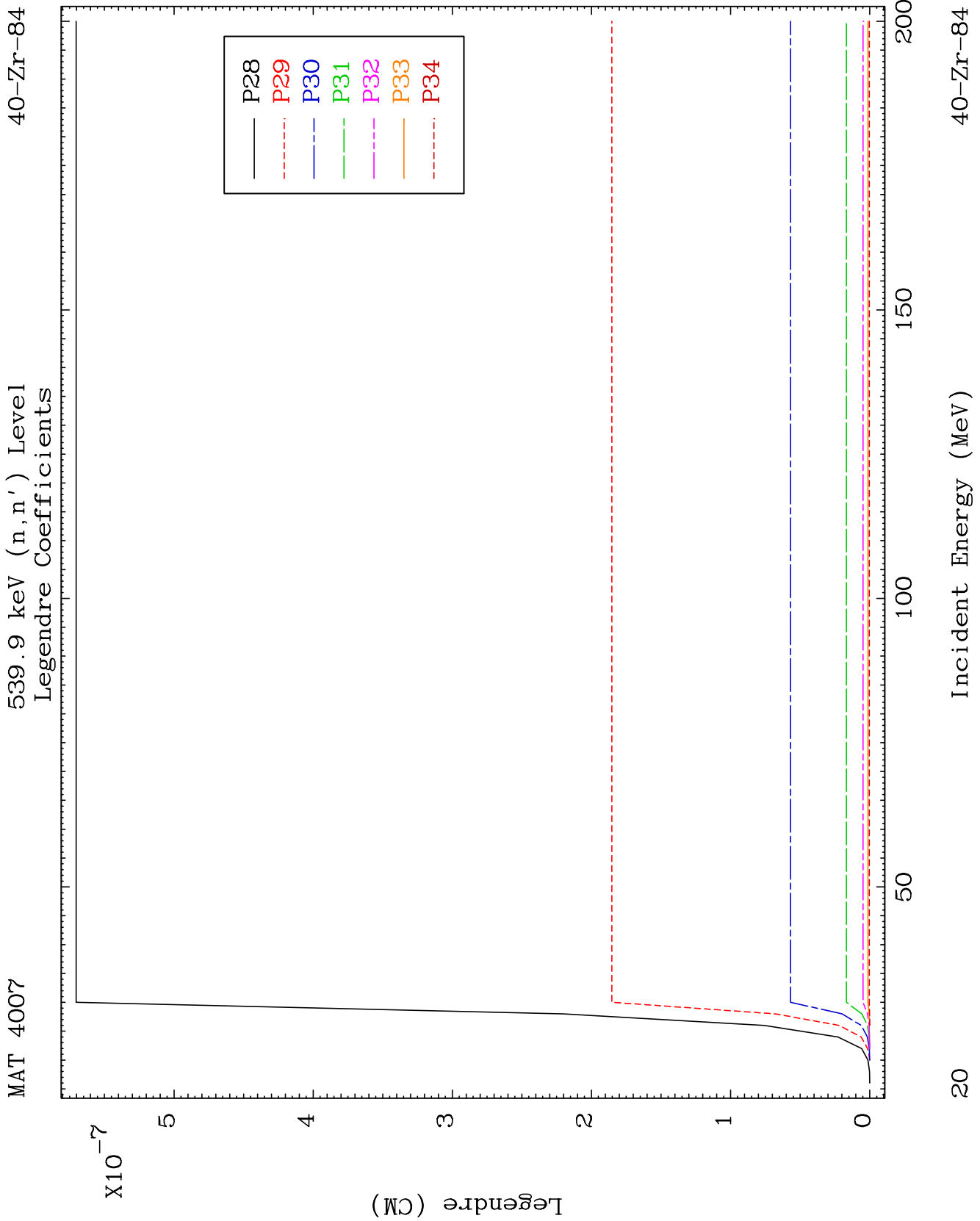


18

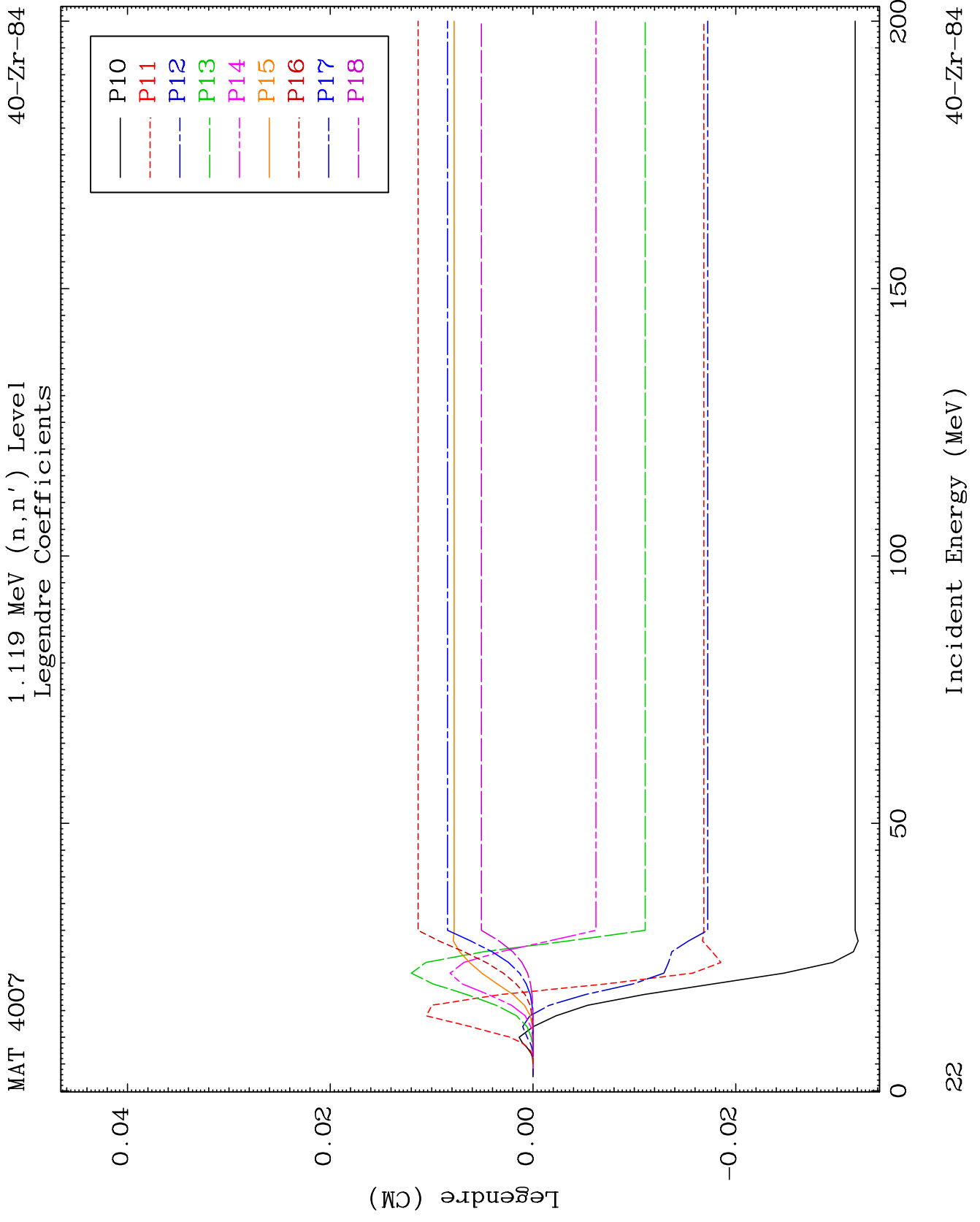
Incident Energy (MeV)

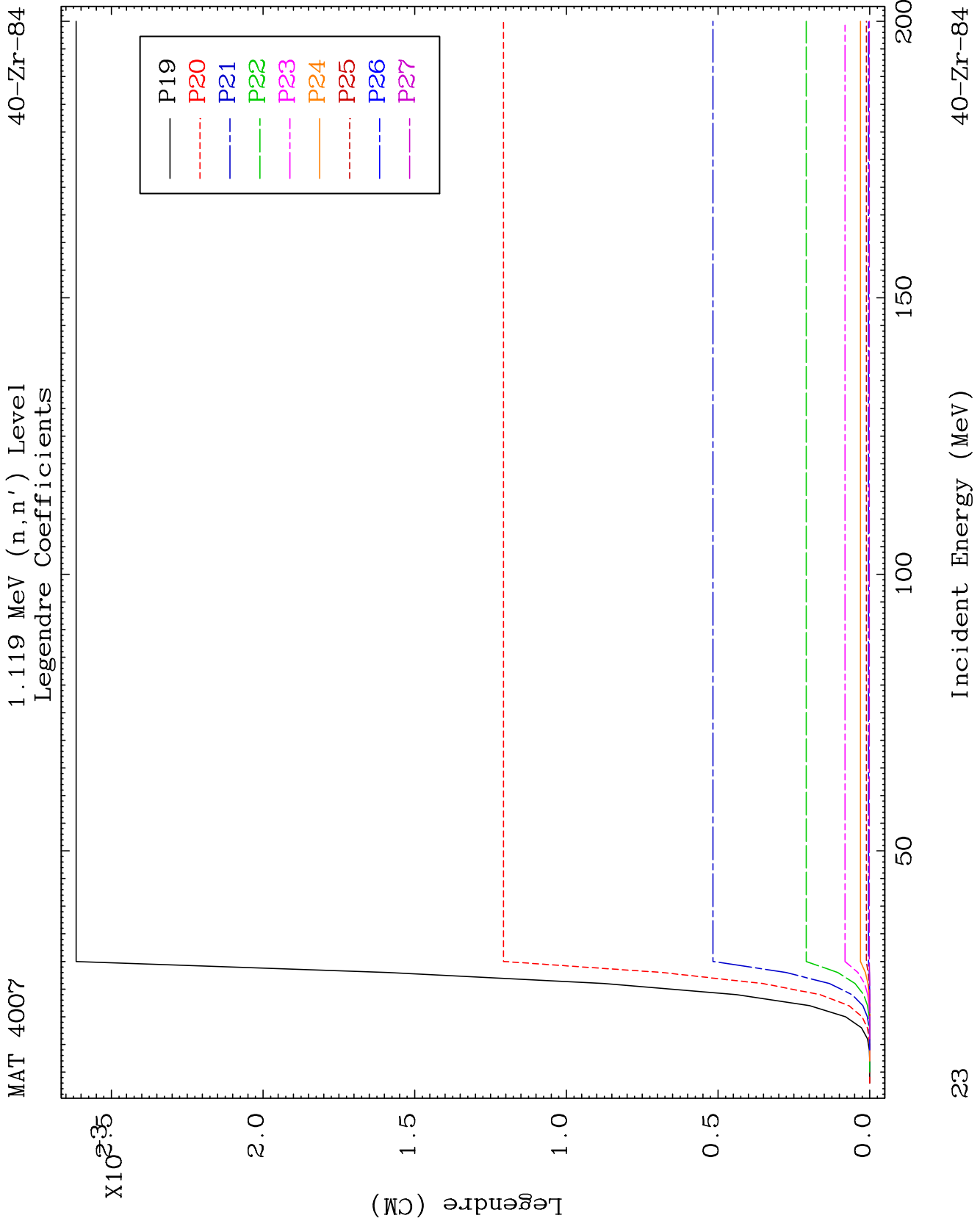
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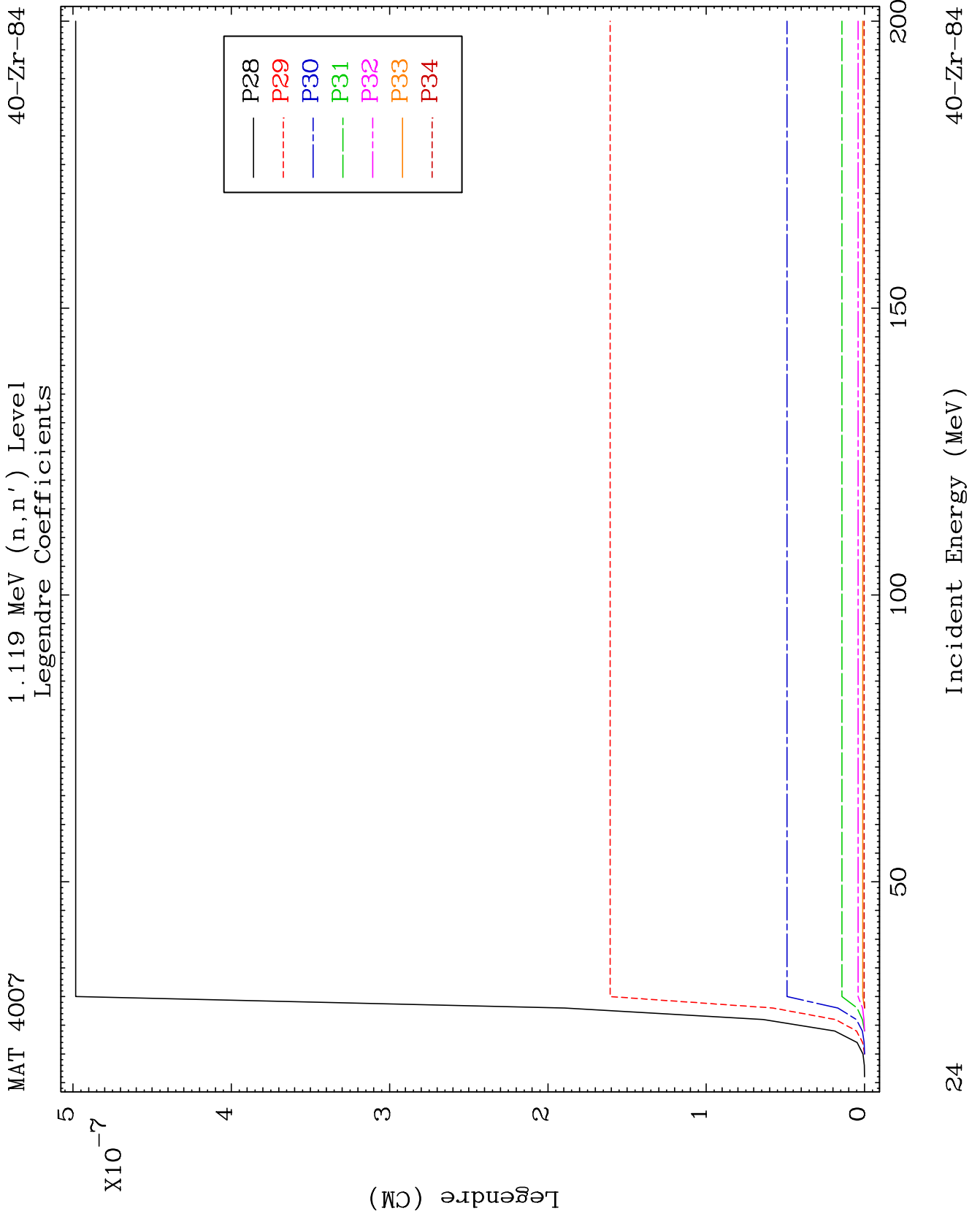


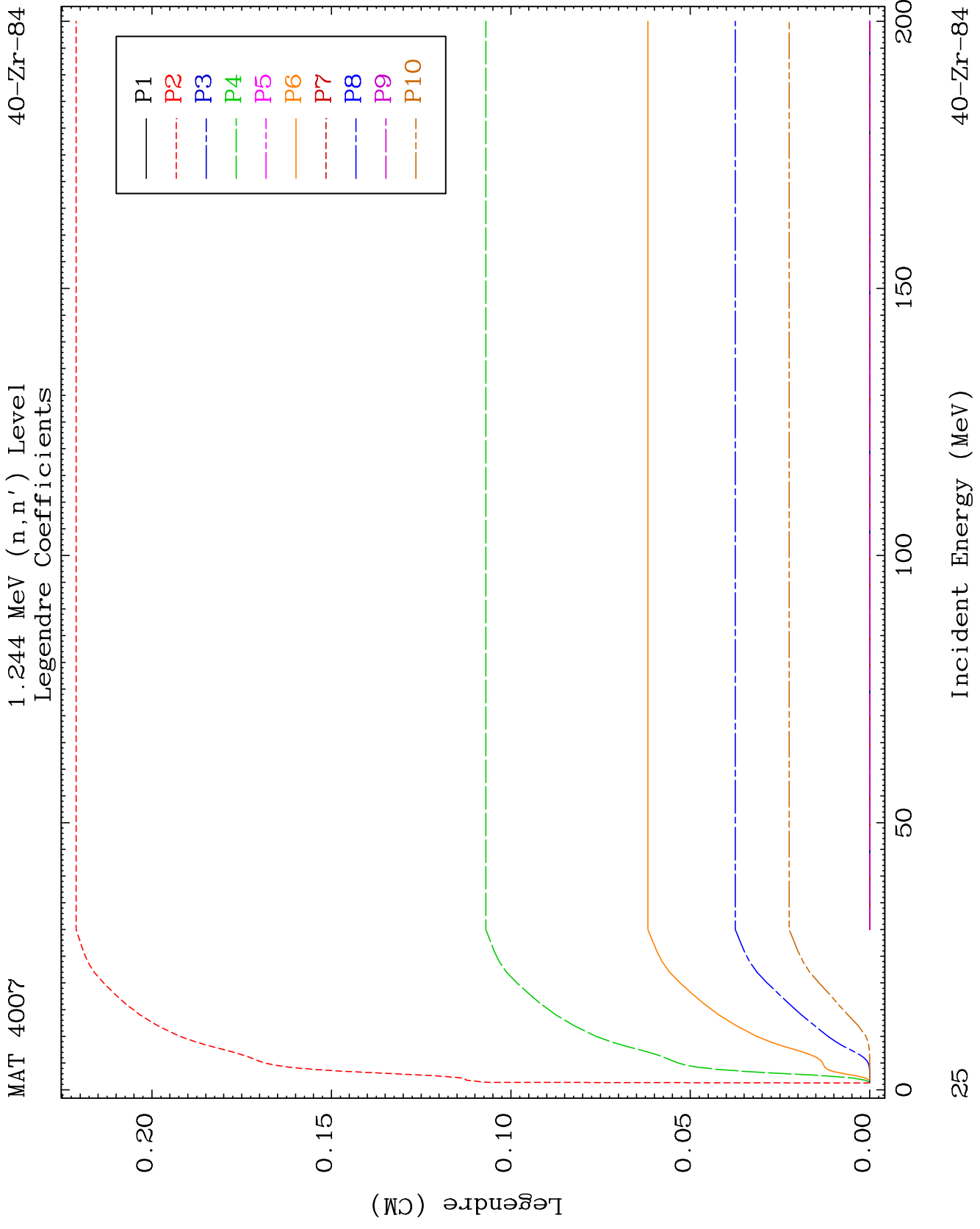


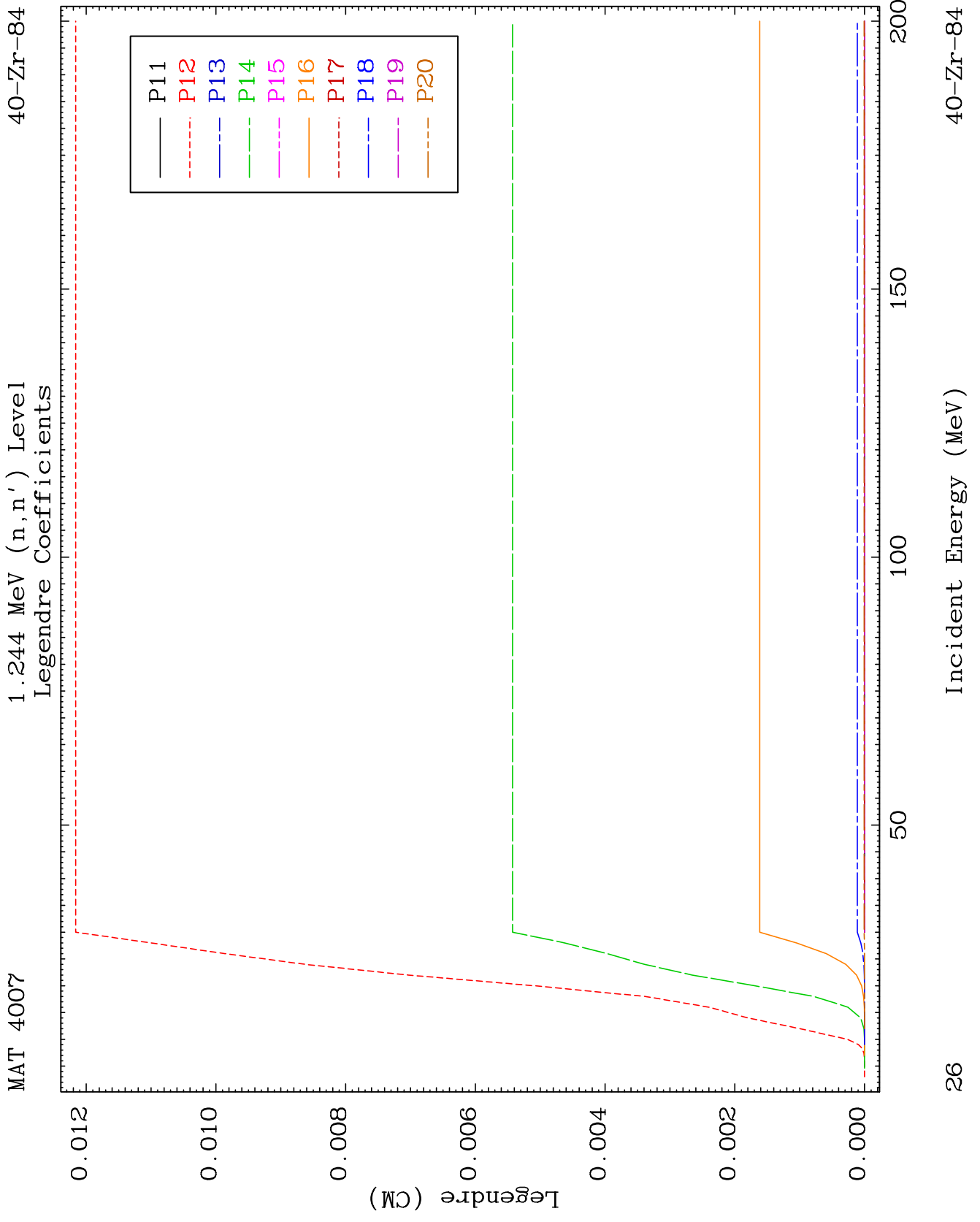


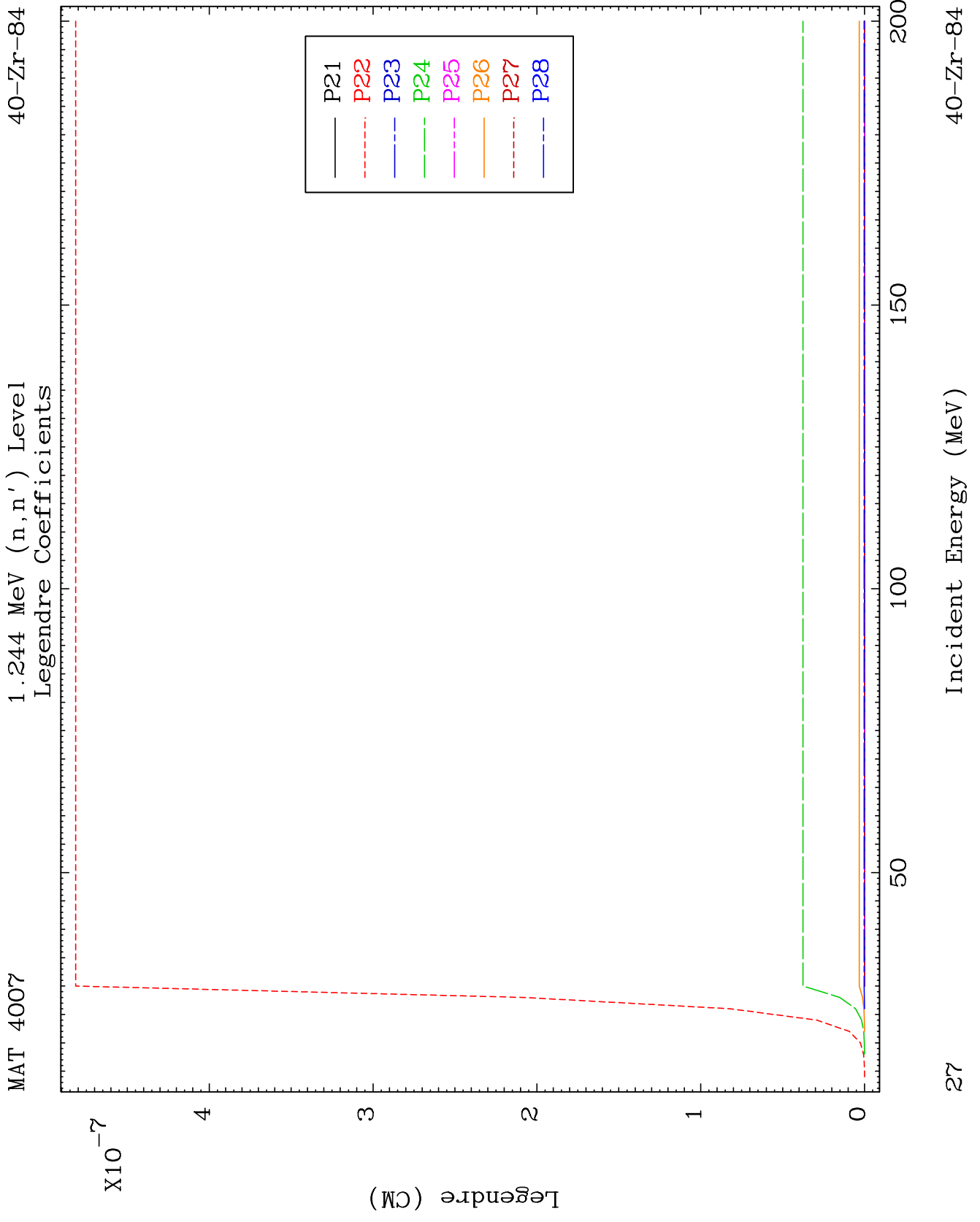


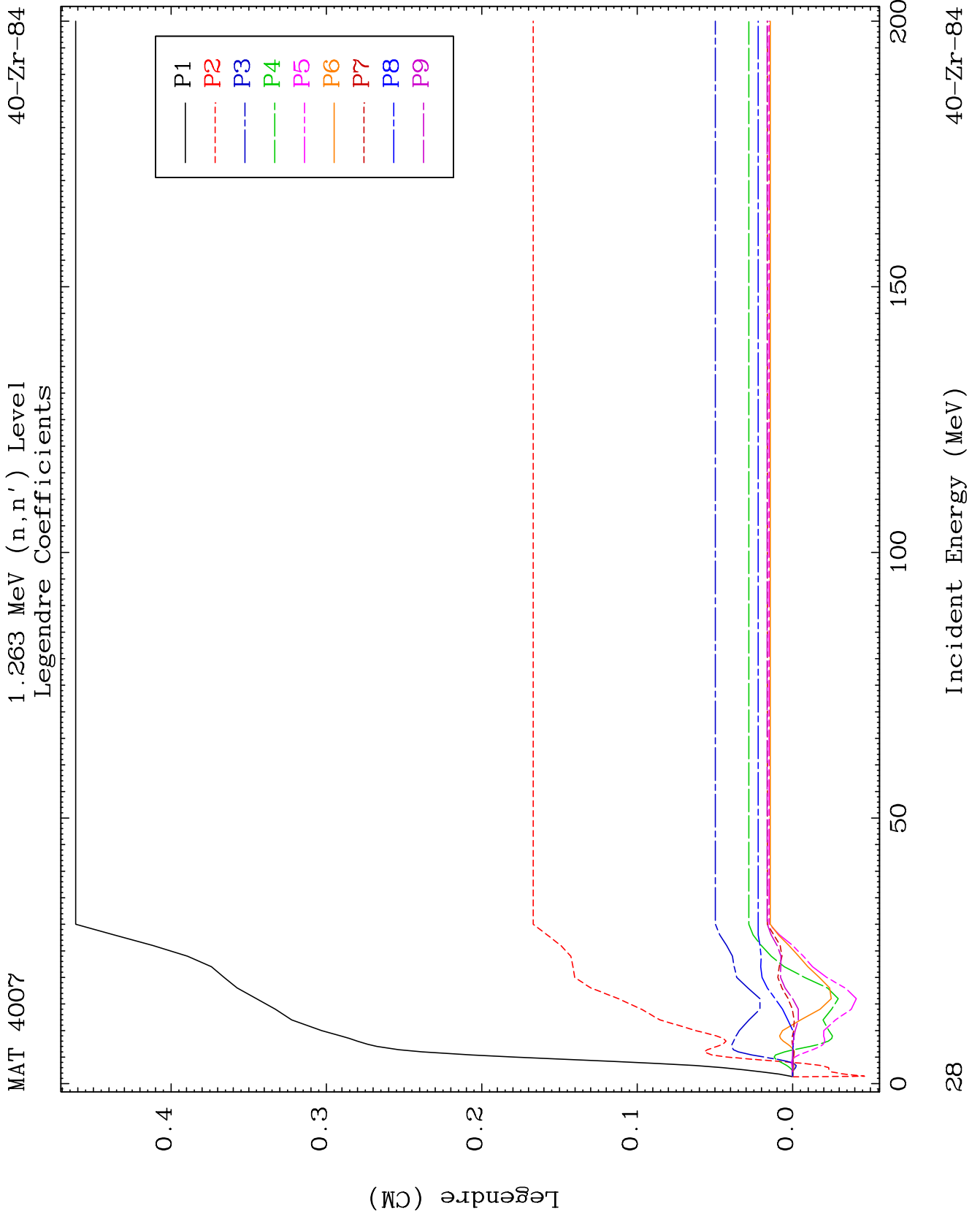








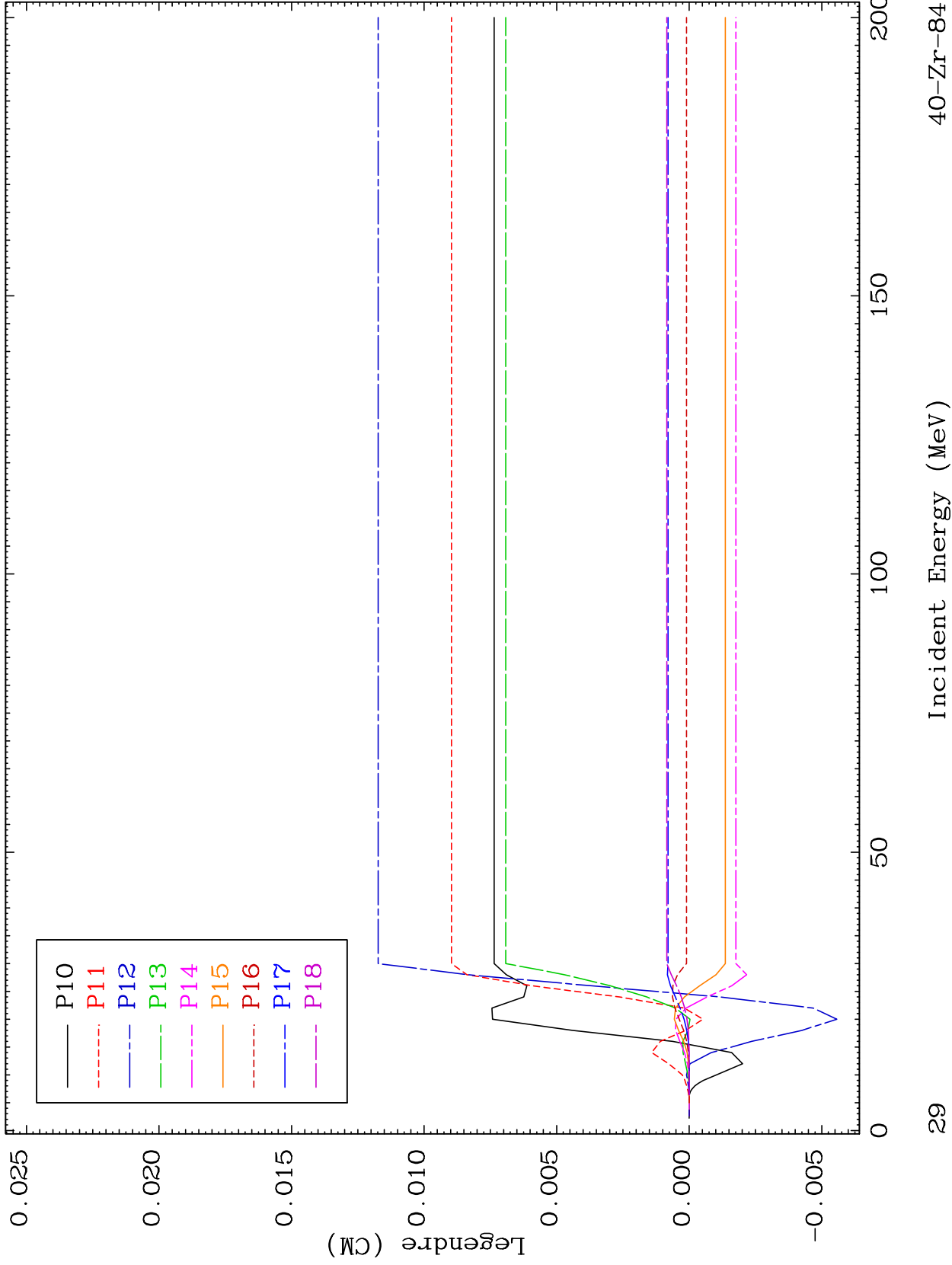




MAT 4007

1.263 MeV (n,n') Level  
Legendre Coefficients

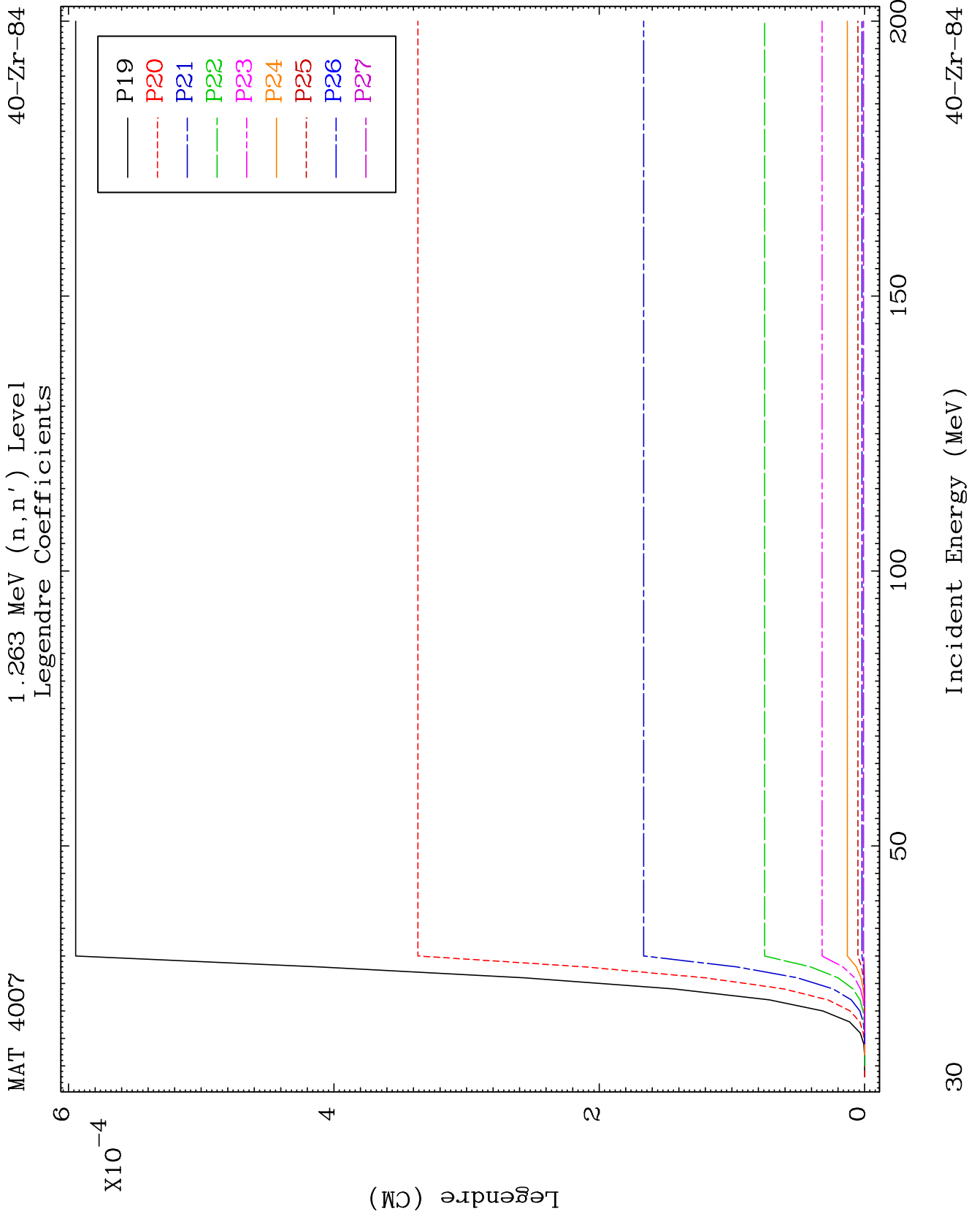
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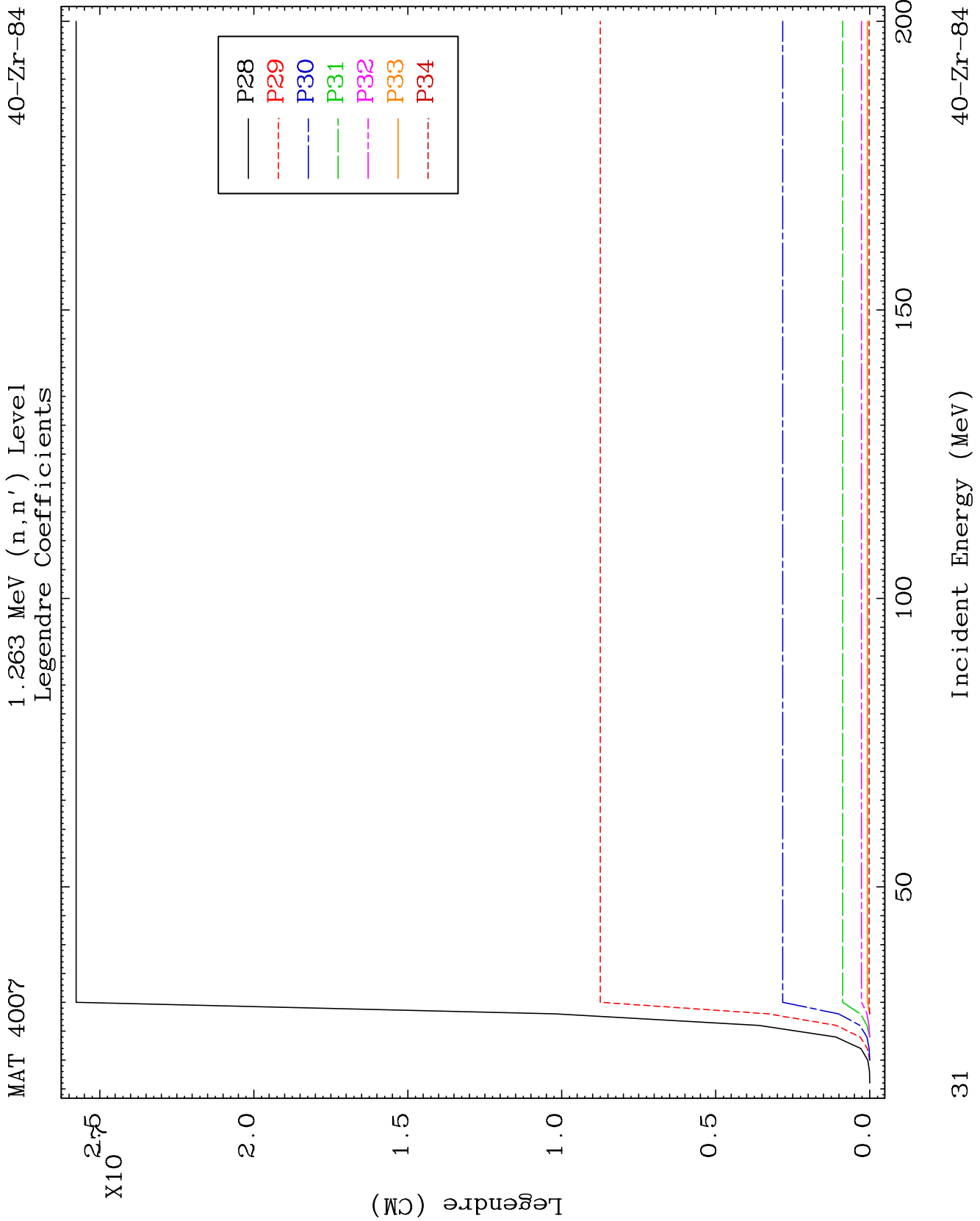


29

Incident Energy (MeV)

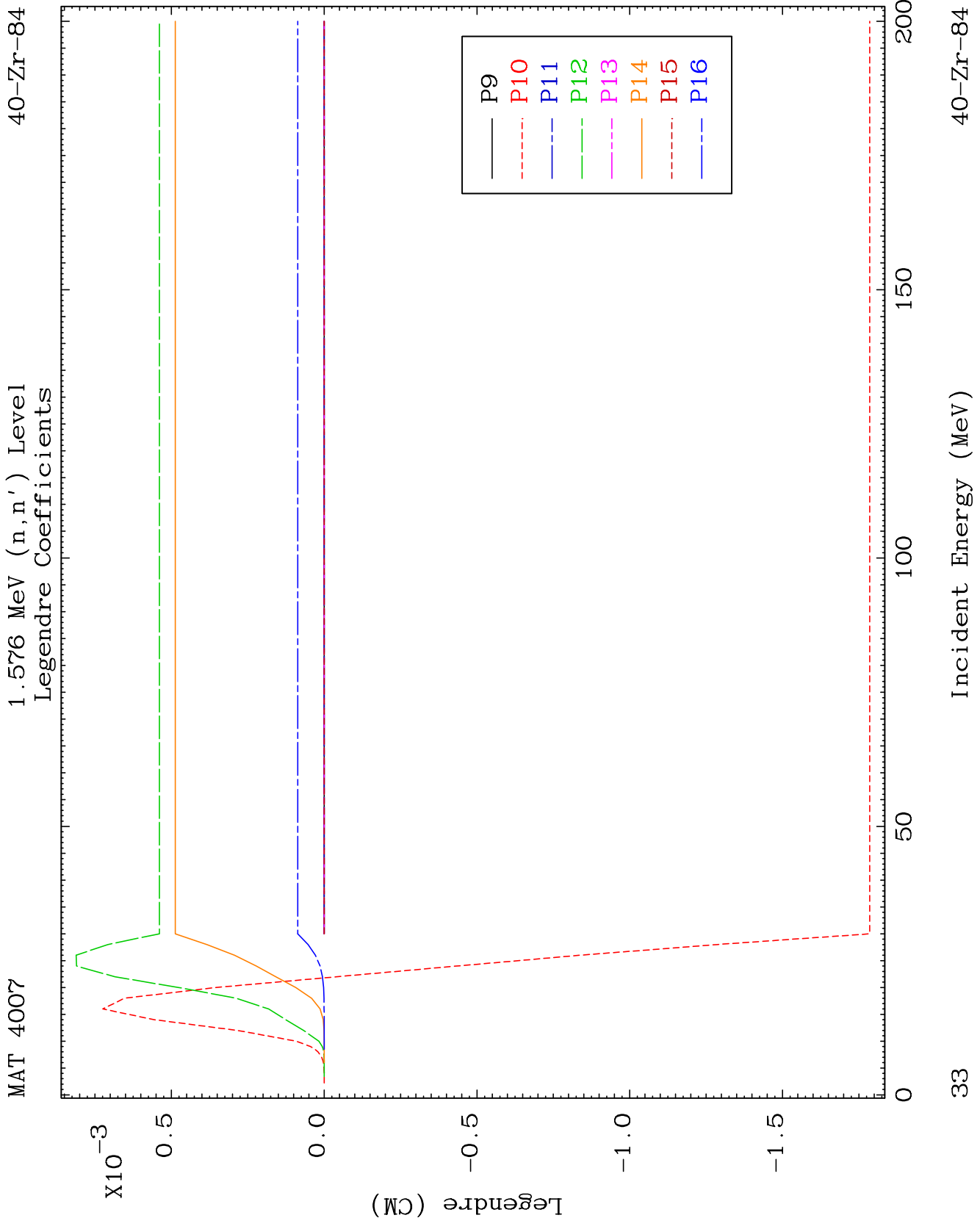
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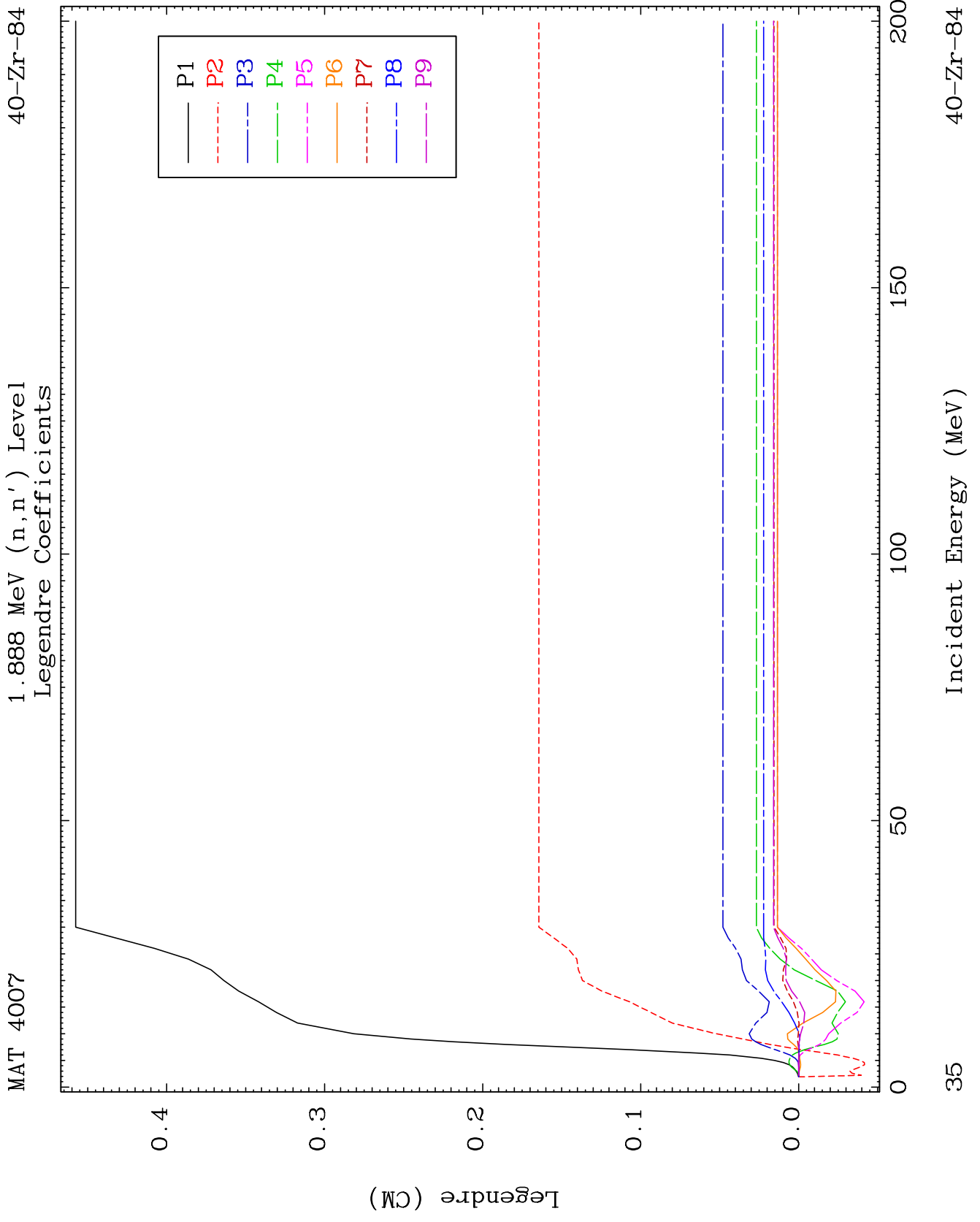








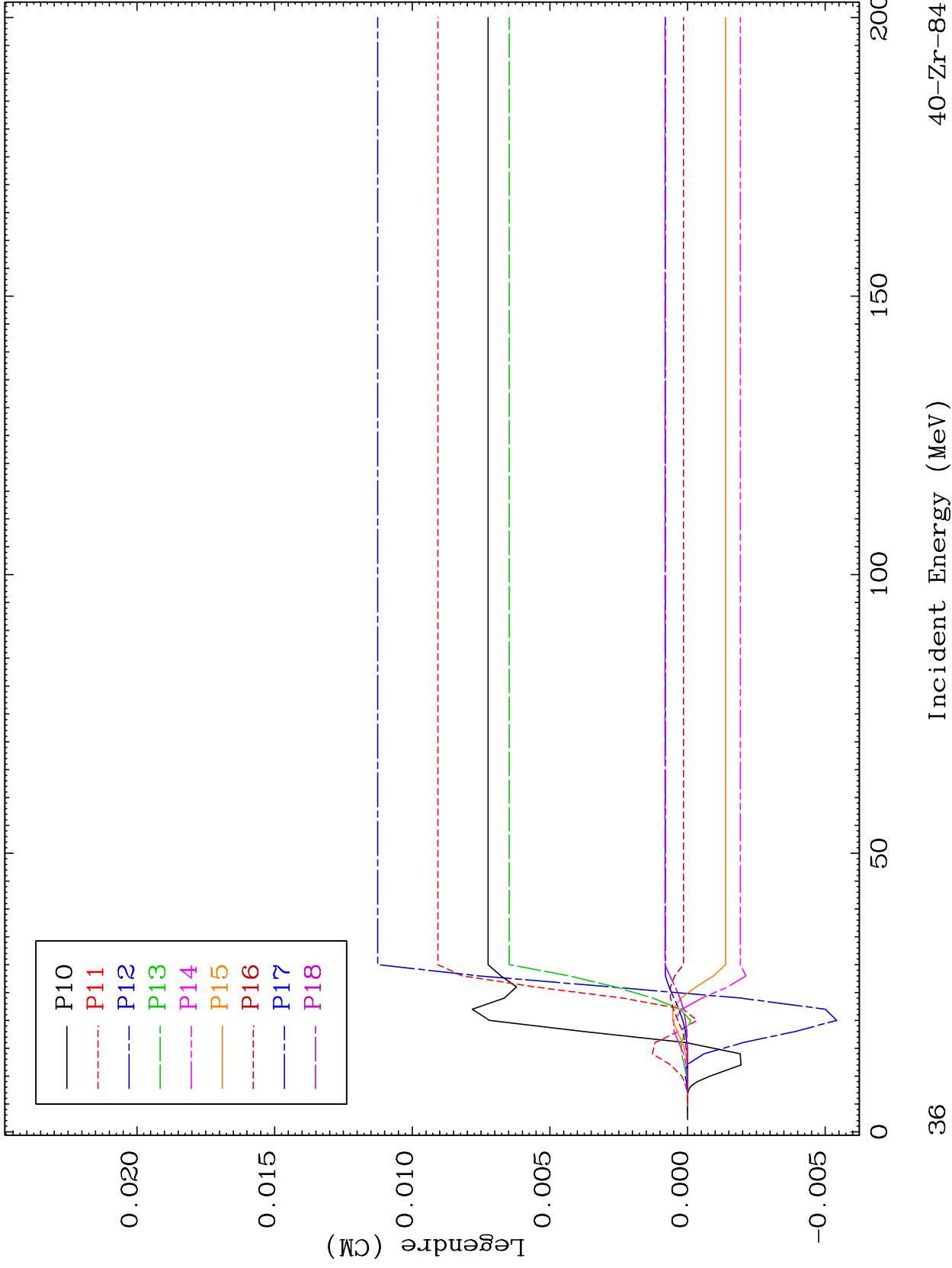




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1.888 MeV (n,n') Level  
Legendre Coefficients

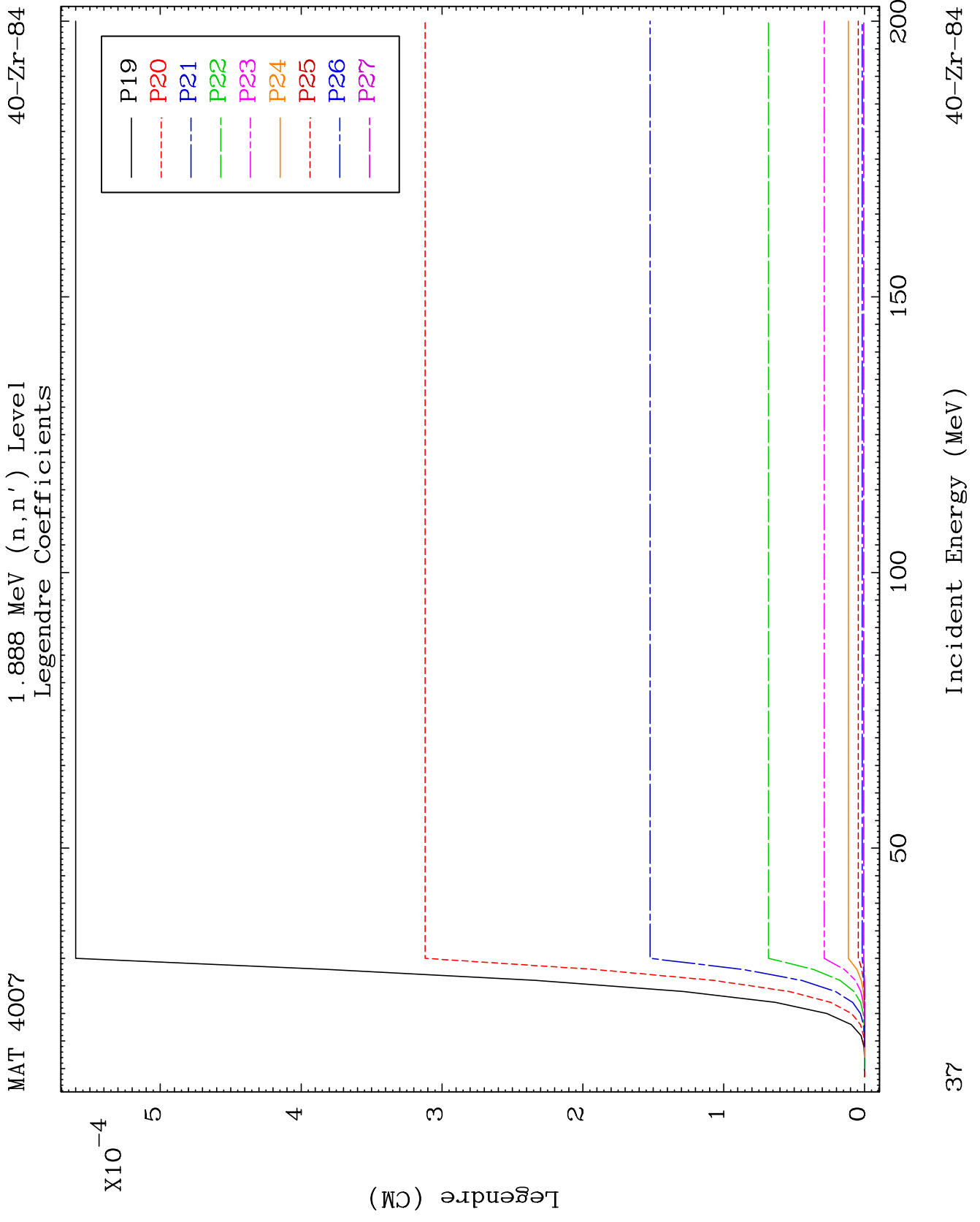
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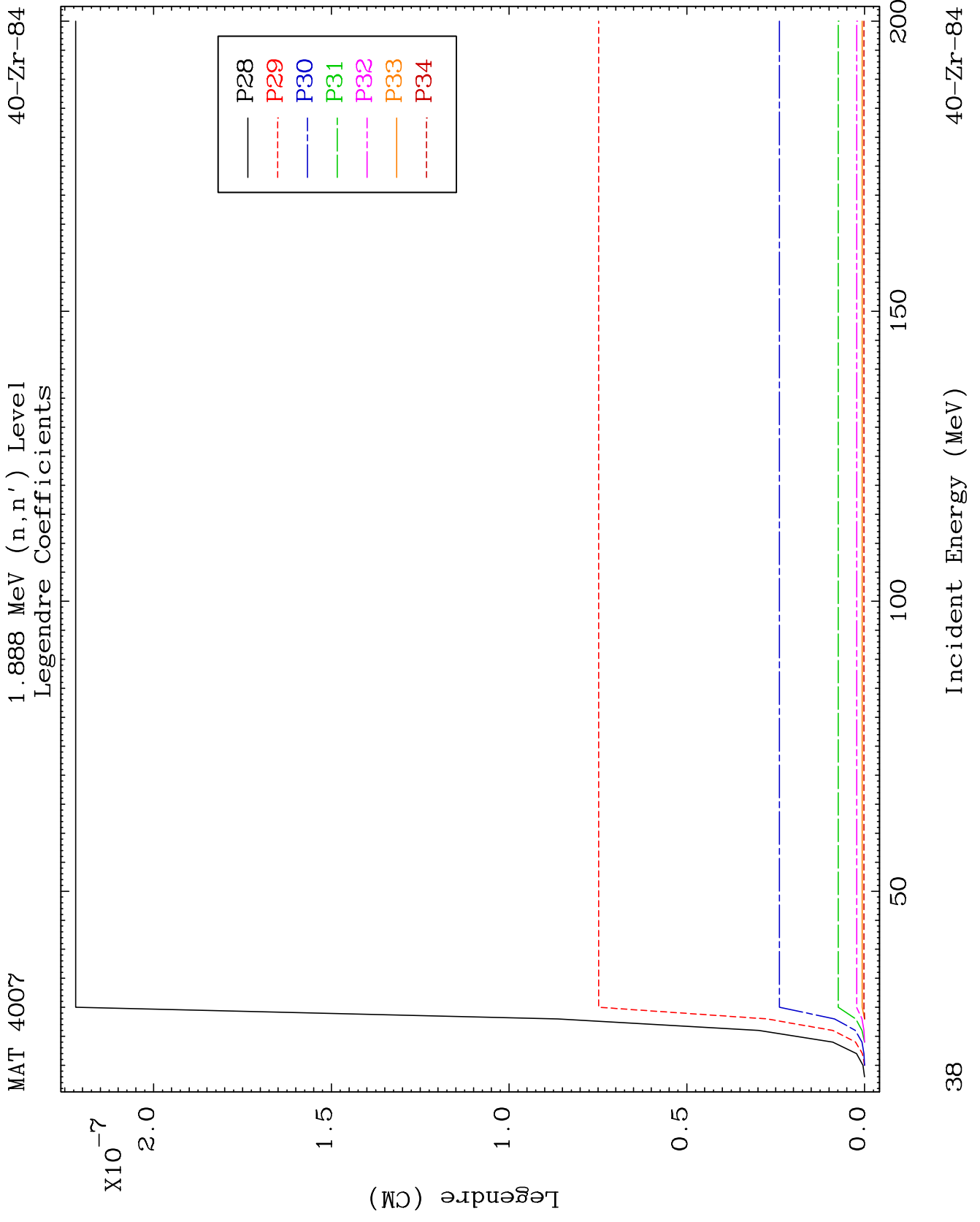


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Incident Energy (MeV)

40-Zr-84





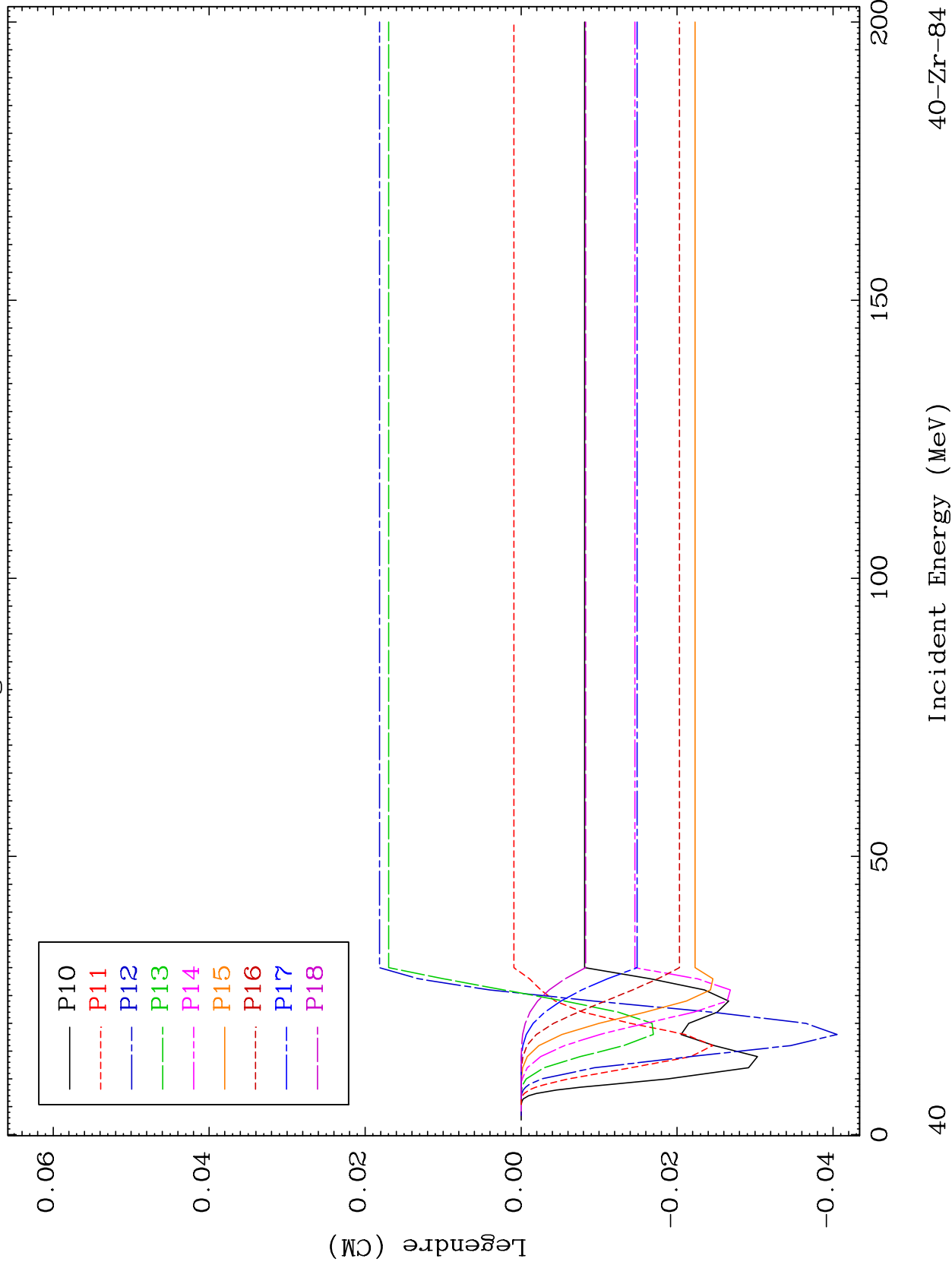




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1.967 MeV (n,n') Level  
Legendre Coefficients

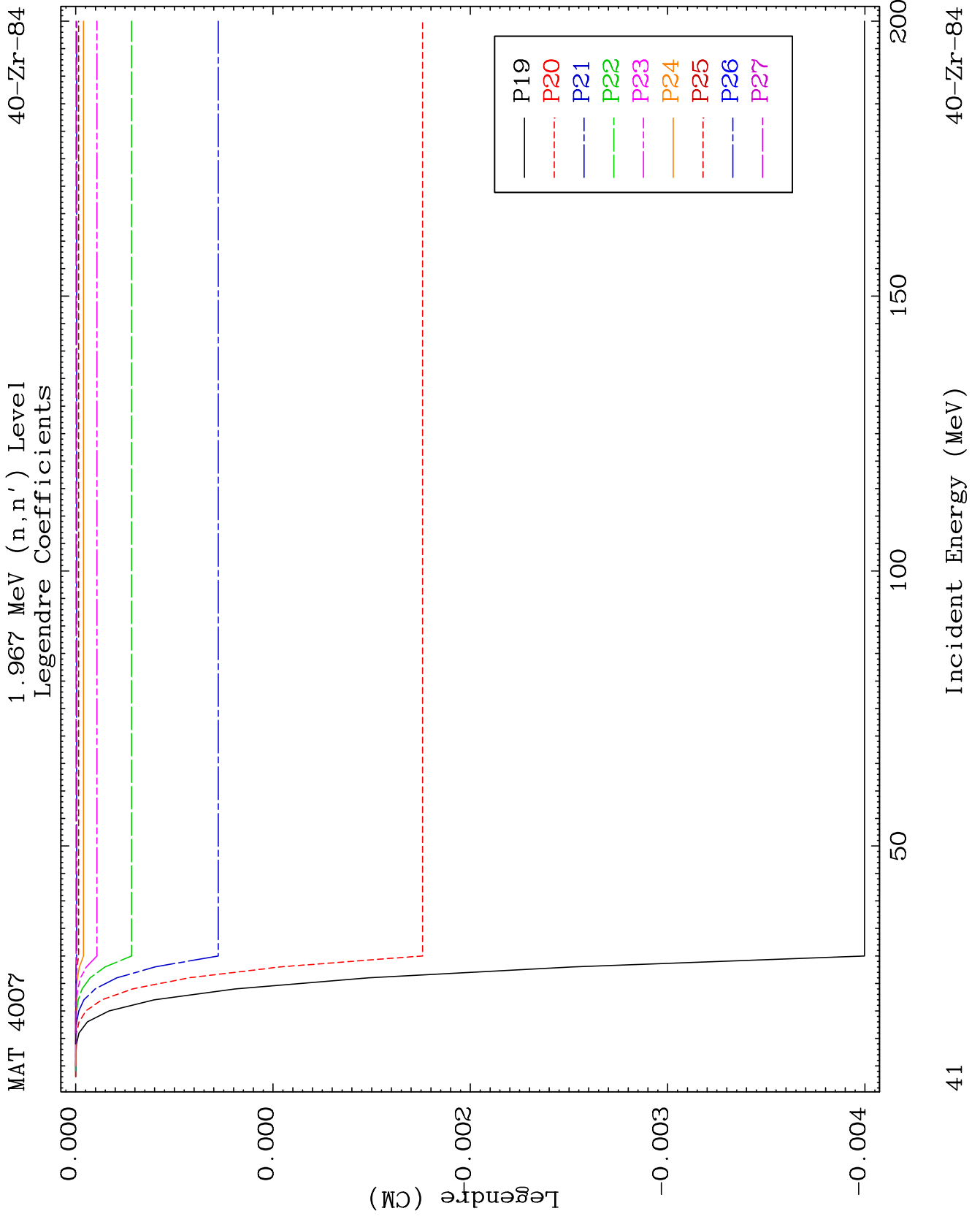
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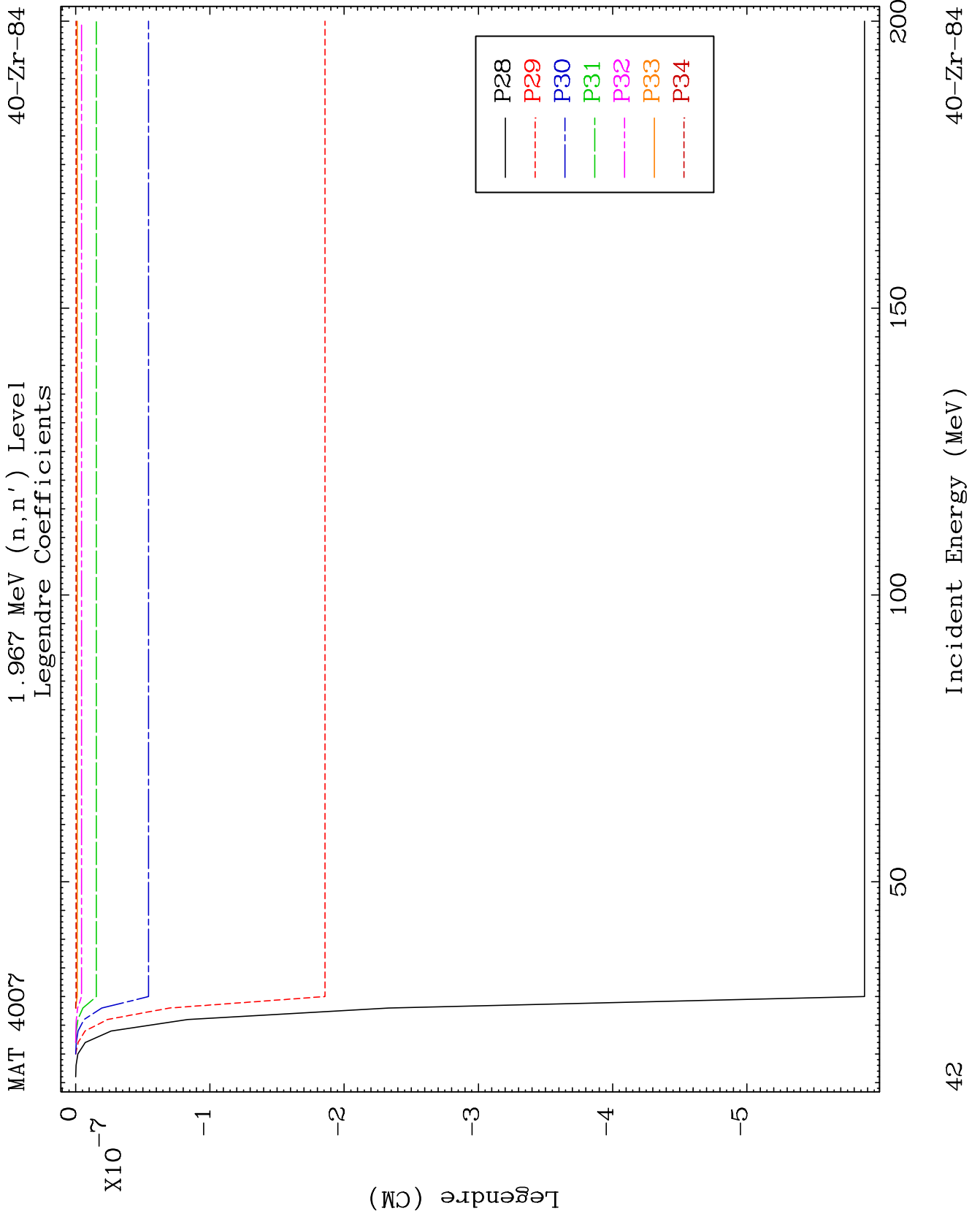


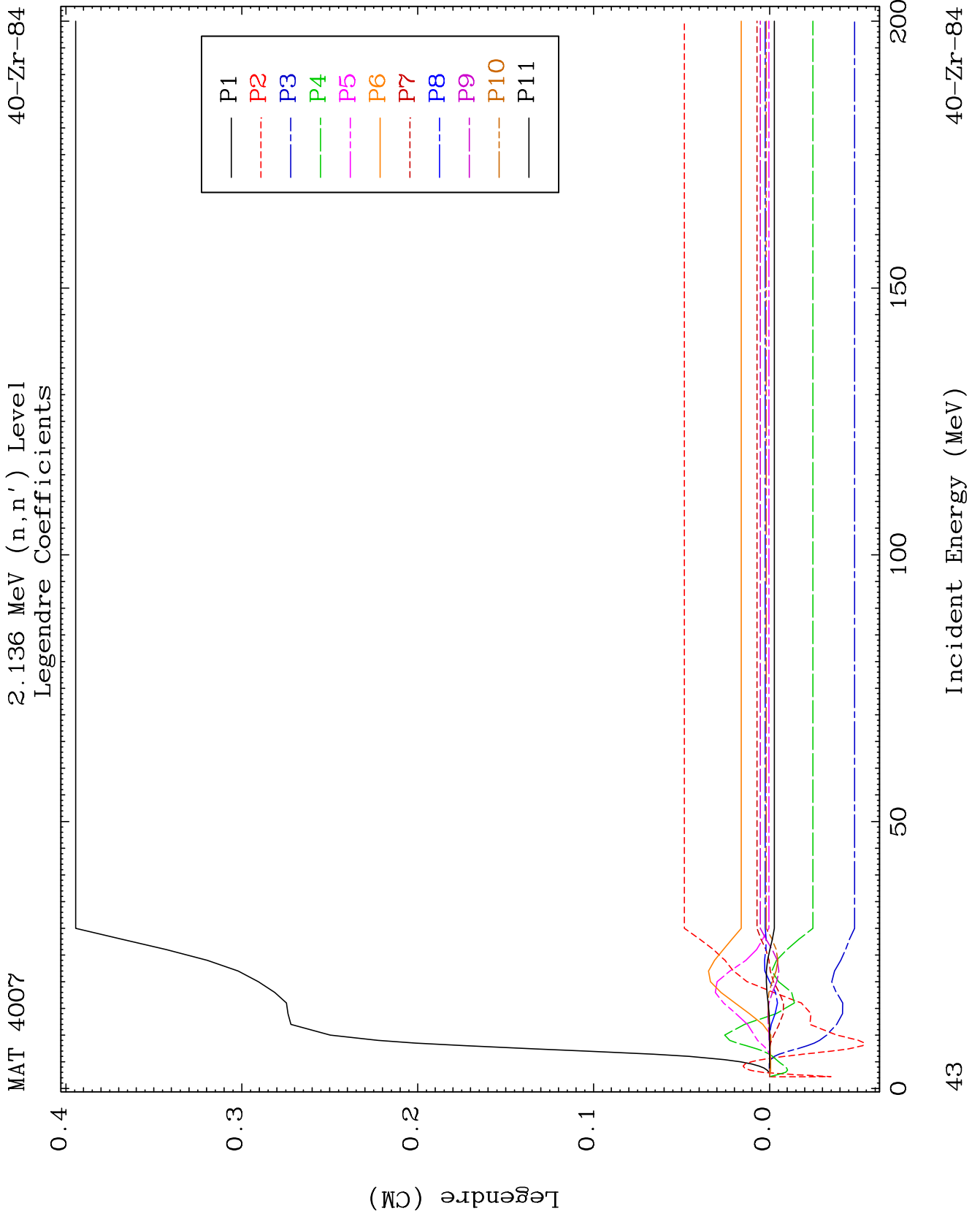
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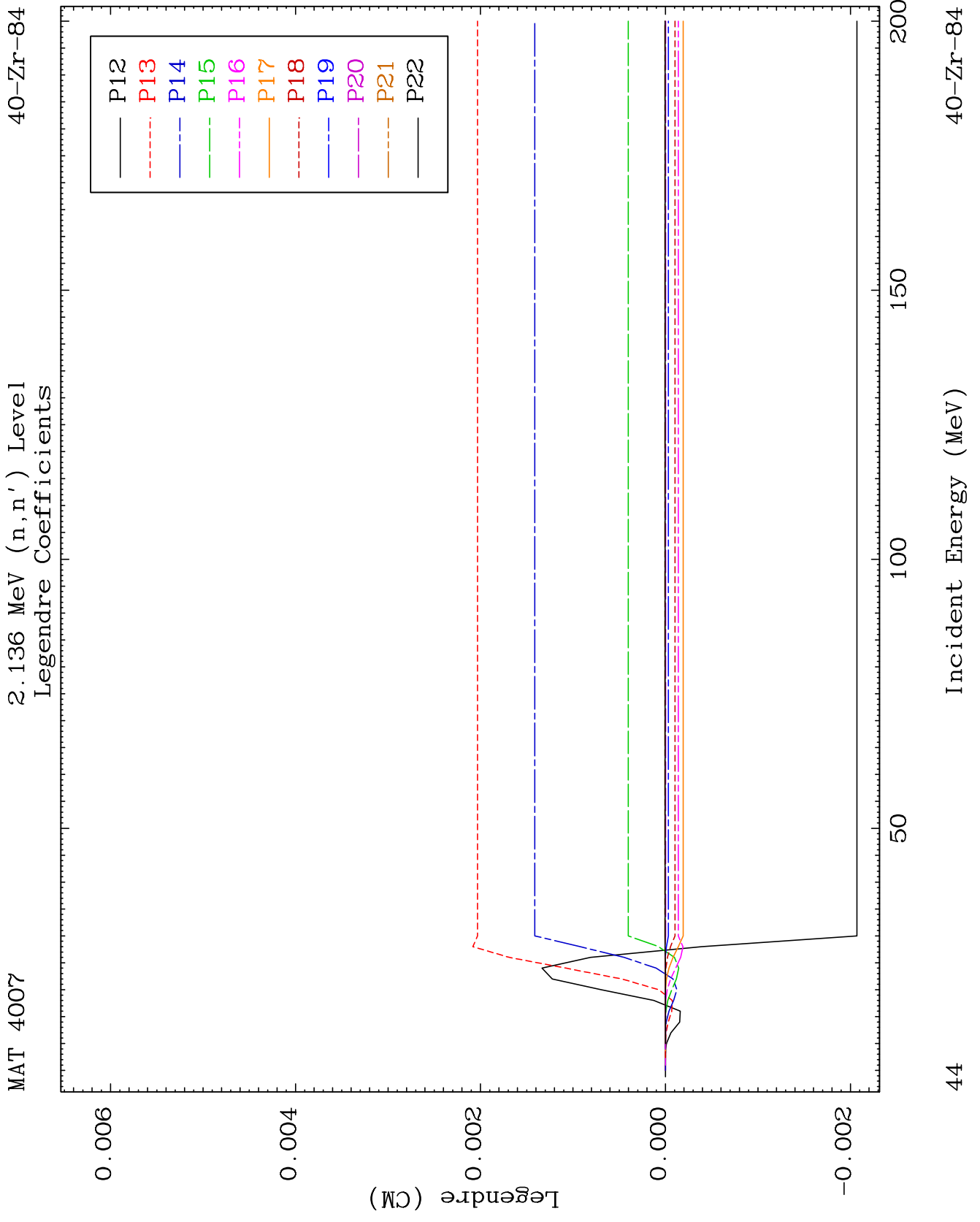
Incident Energy (MeV)

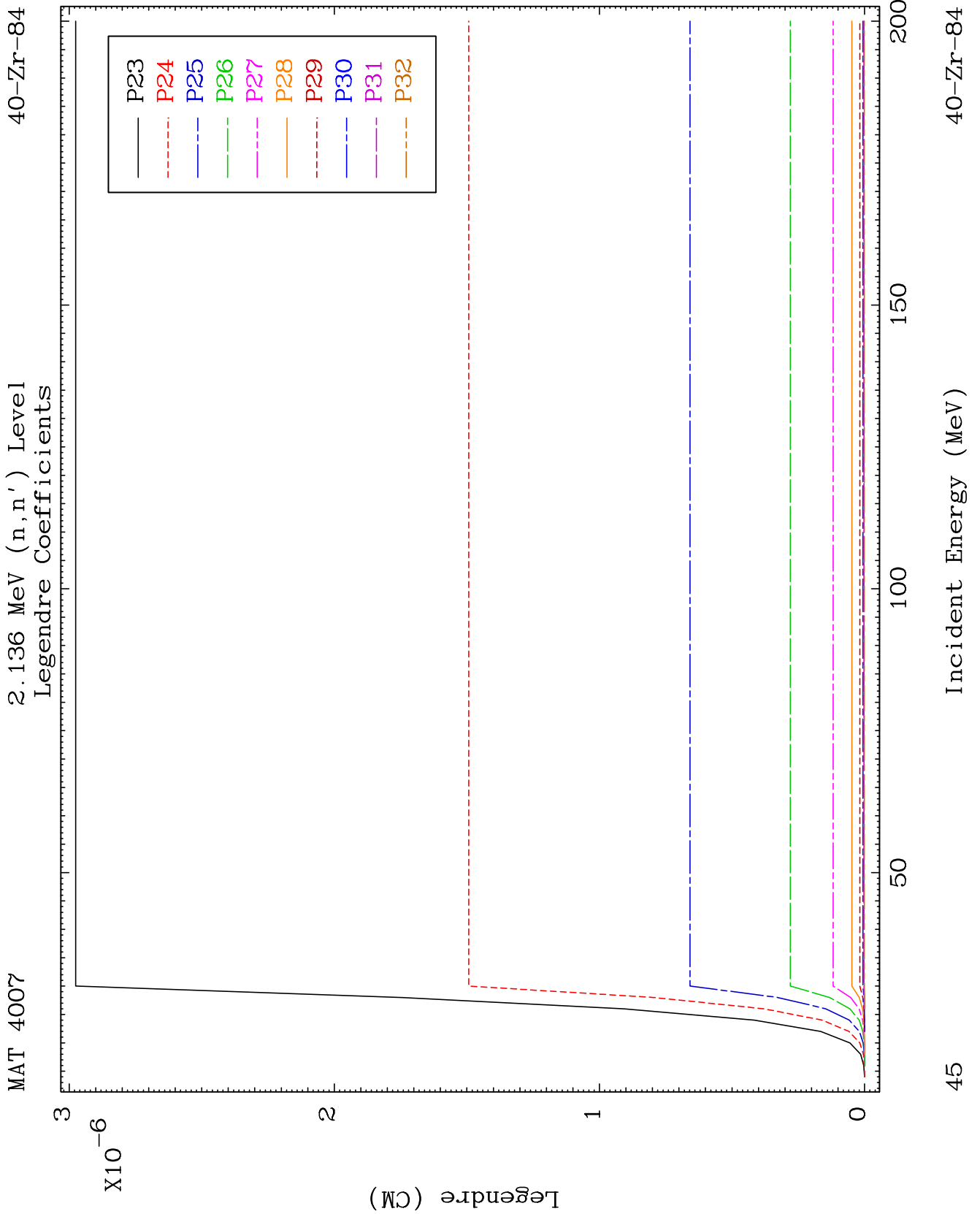
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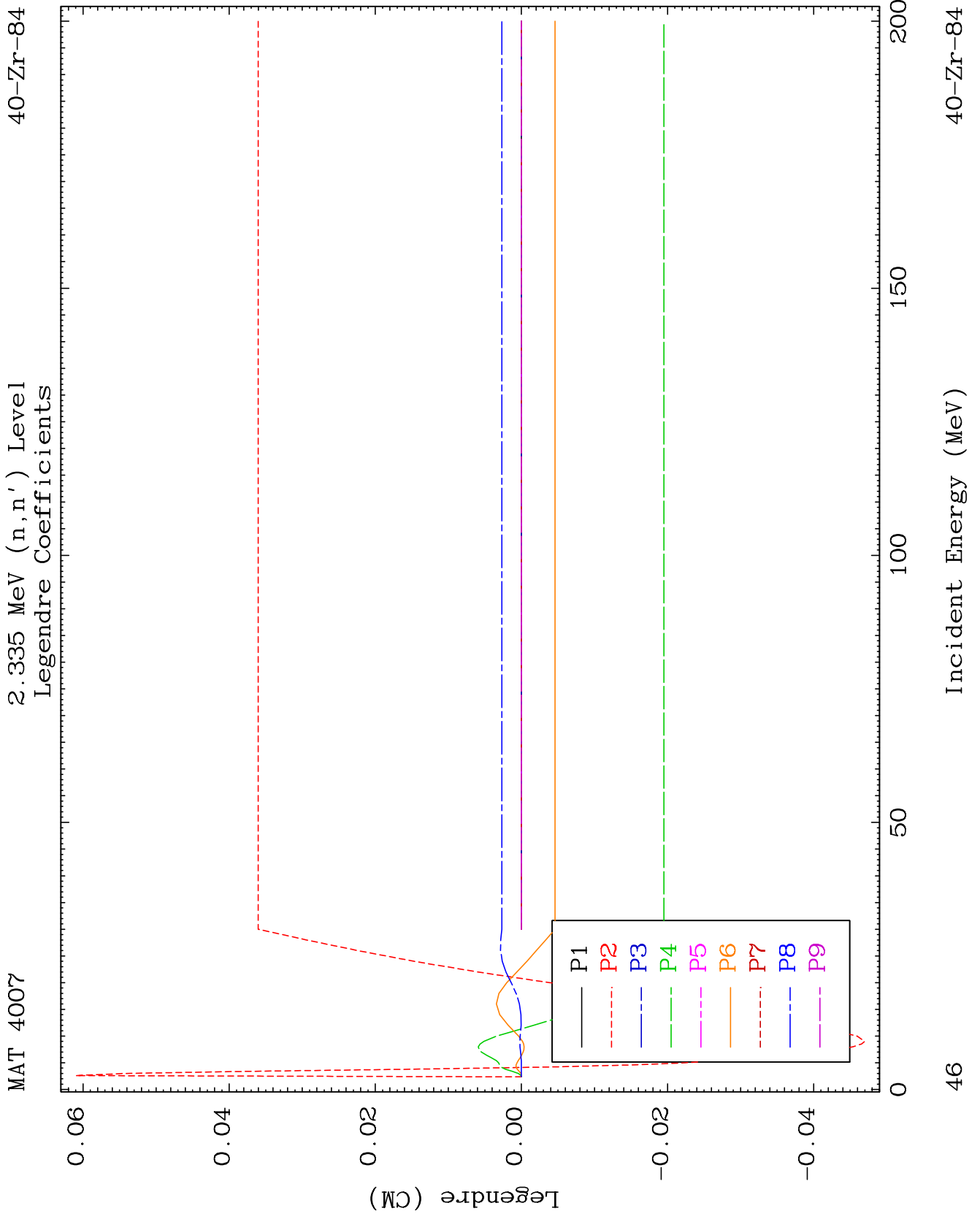








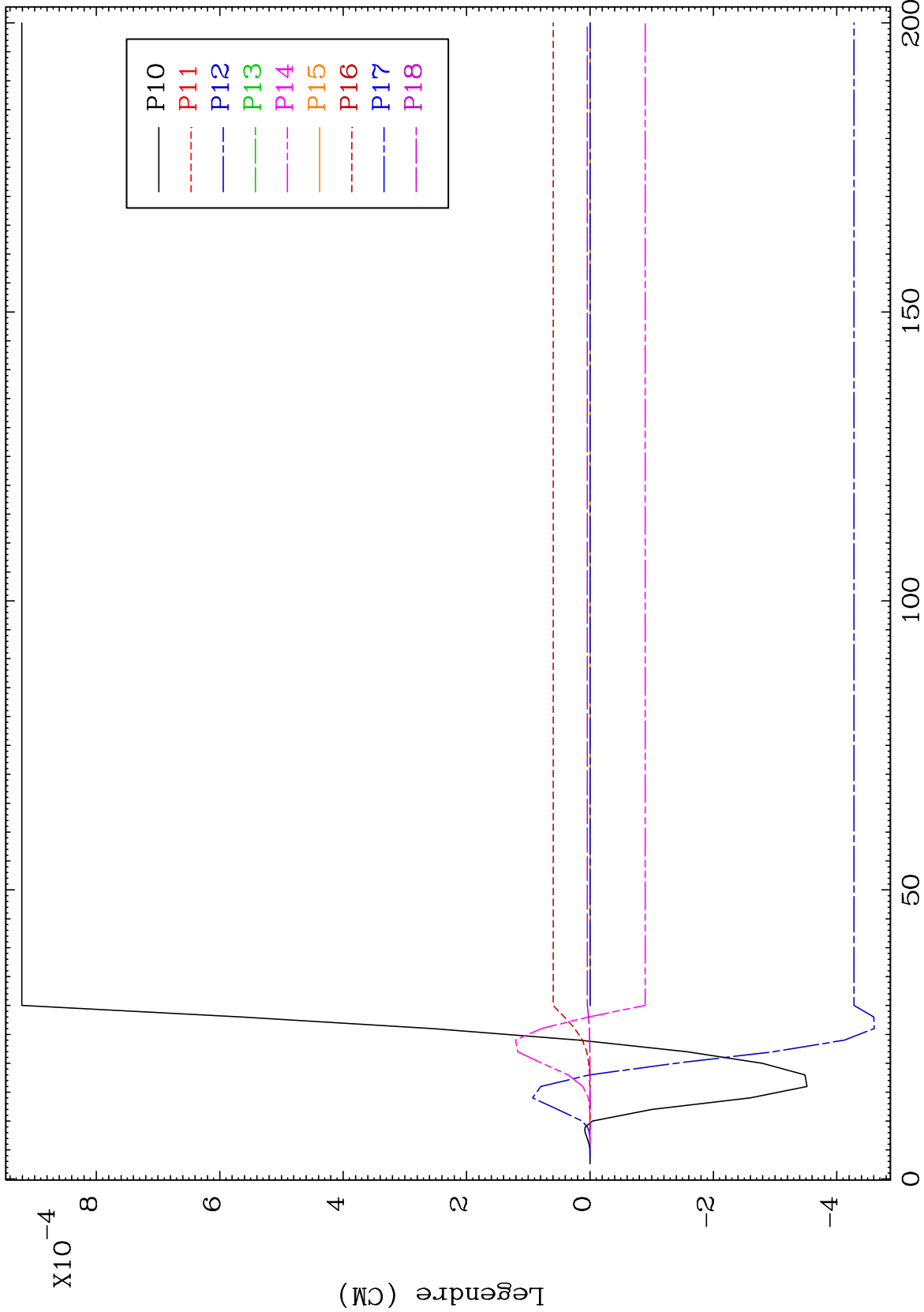




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2.335 MeV (n,n') Level  
Legendre Coefficients

40-Zr-84



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Incident Energy (MeV)

40-Zr-84



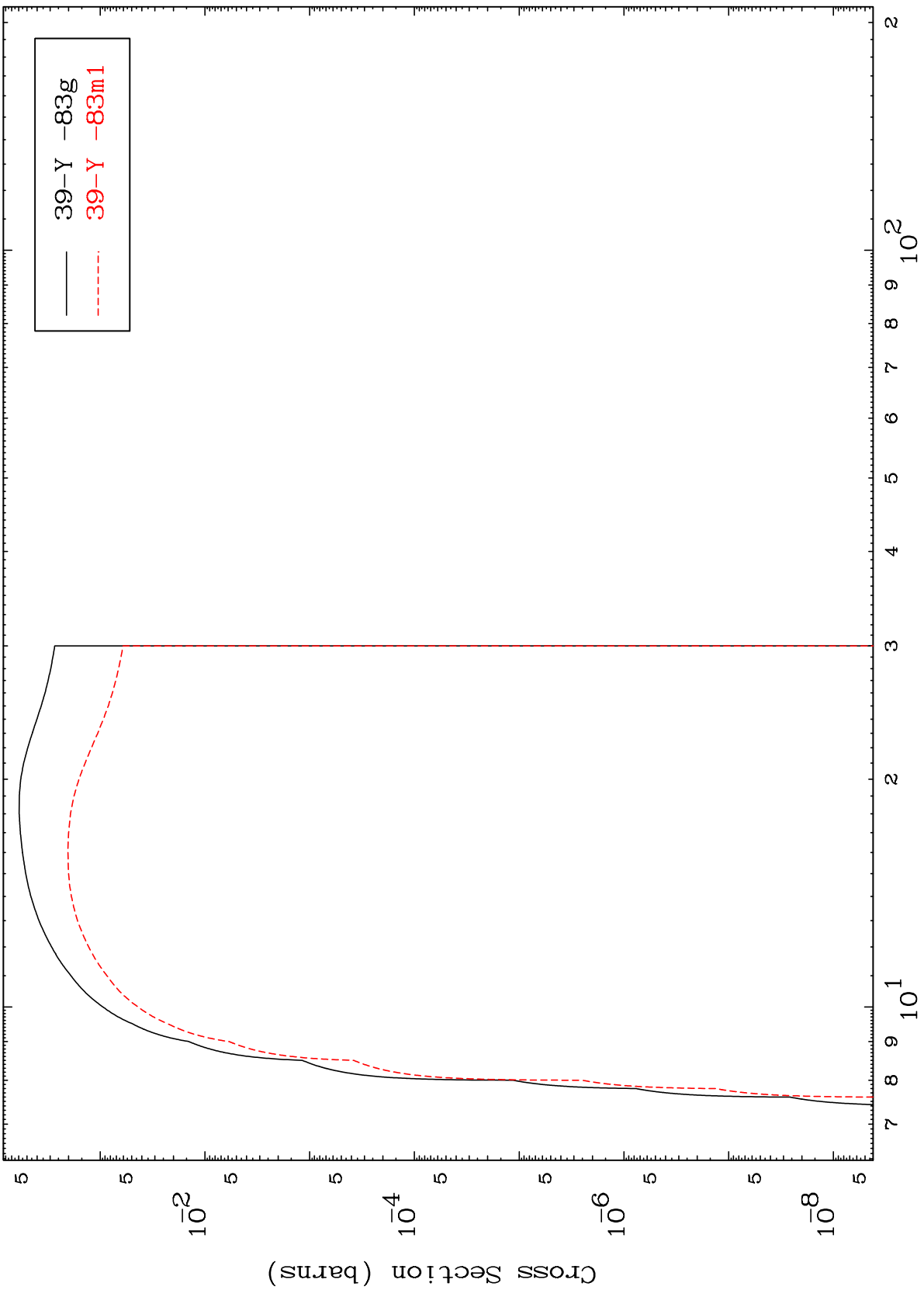


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(n,n') p

40-Zr-84

Radionuclide Production Cross Section



49

Incident Energy (MeV)

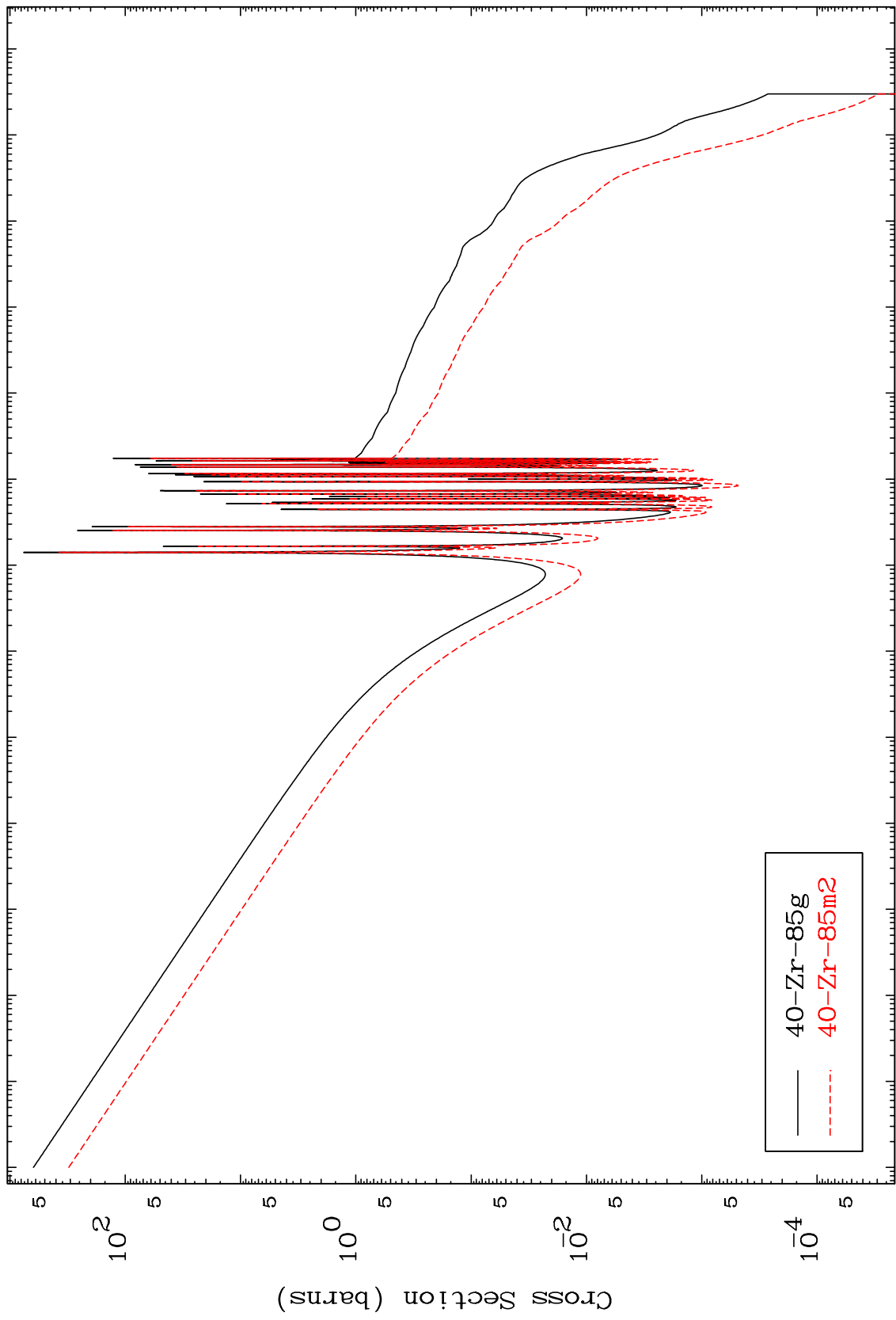
40-Zr-84

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40-Zr-84

Radionuclide Production Cross Section

(n,  $\gamma$ )



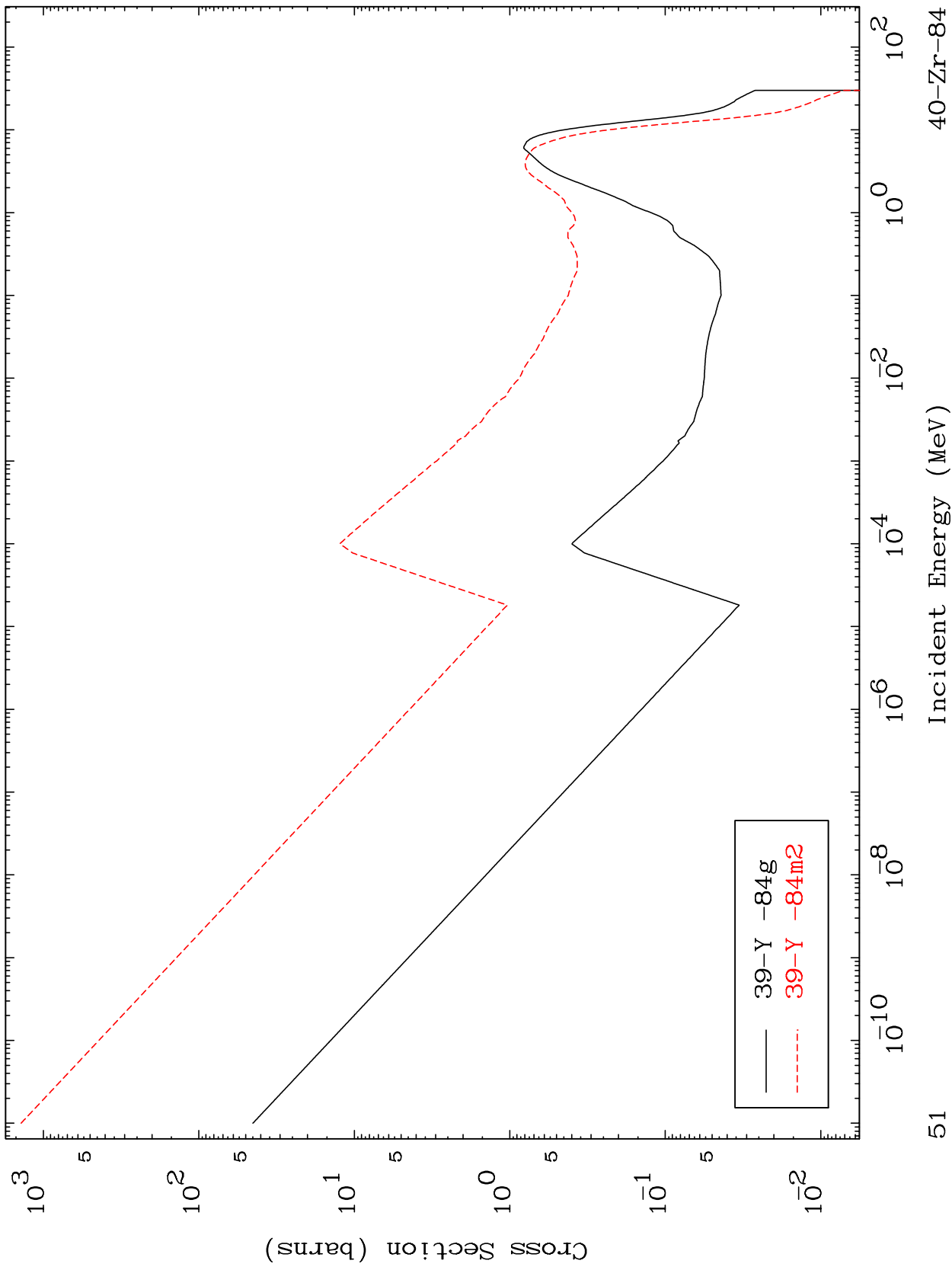
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40-Zr-84

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40-Zr-84

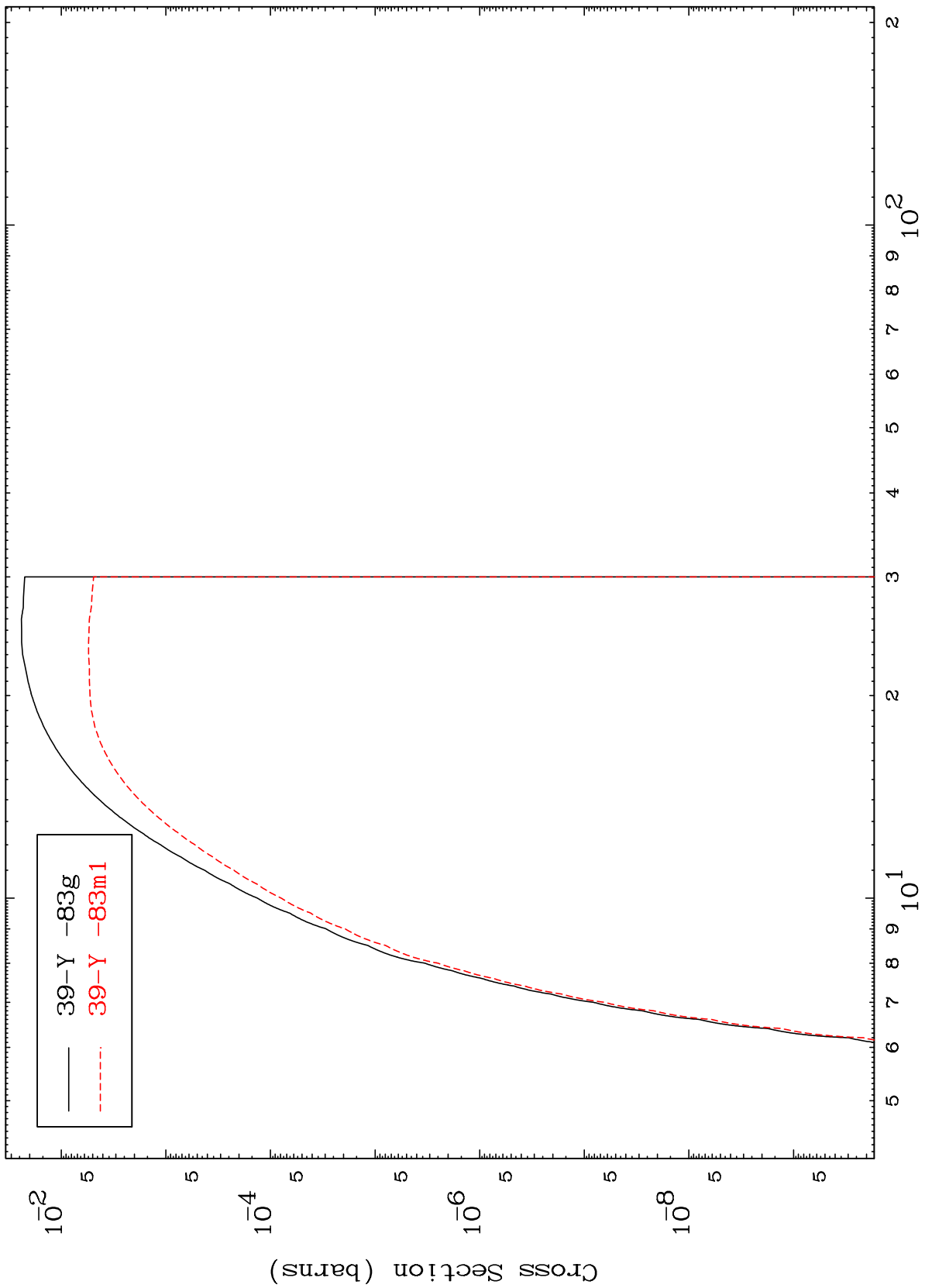
Radionuclide Production Cross Section (n,p)



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40-Zr-84

(n,d)  
Radionuclide Production Cross Section

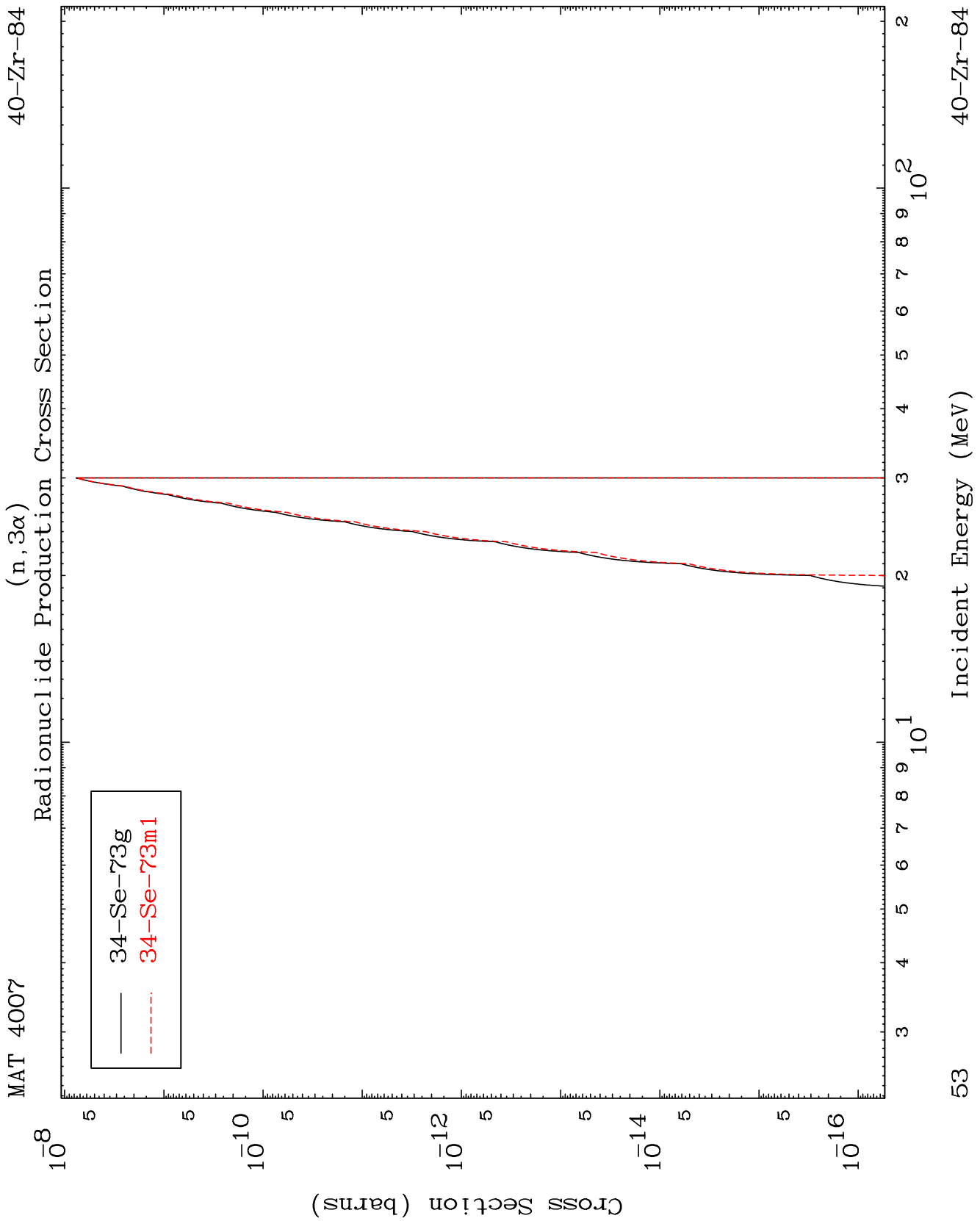


— 39-Y -83g  
- - - 39-Y -83m1

40-Zr-84

Incident Energy (MeV)

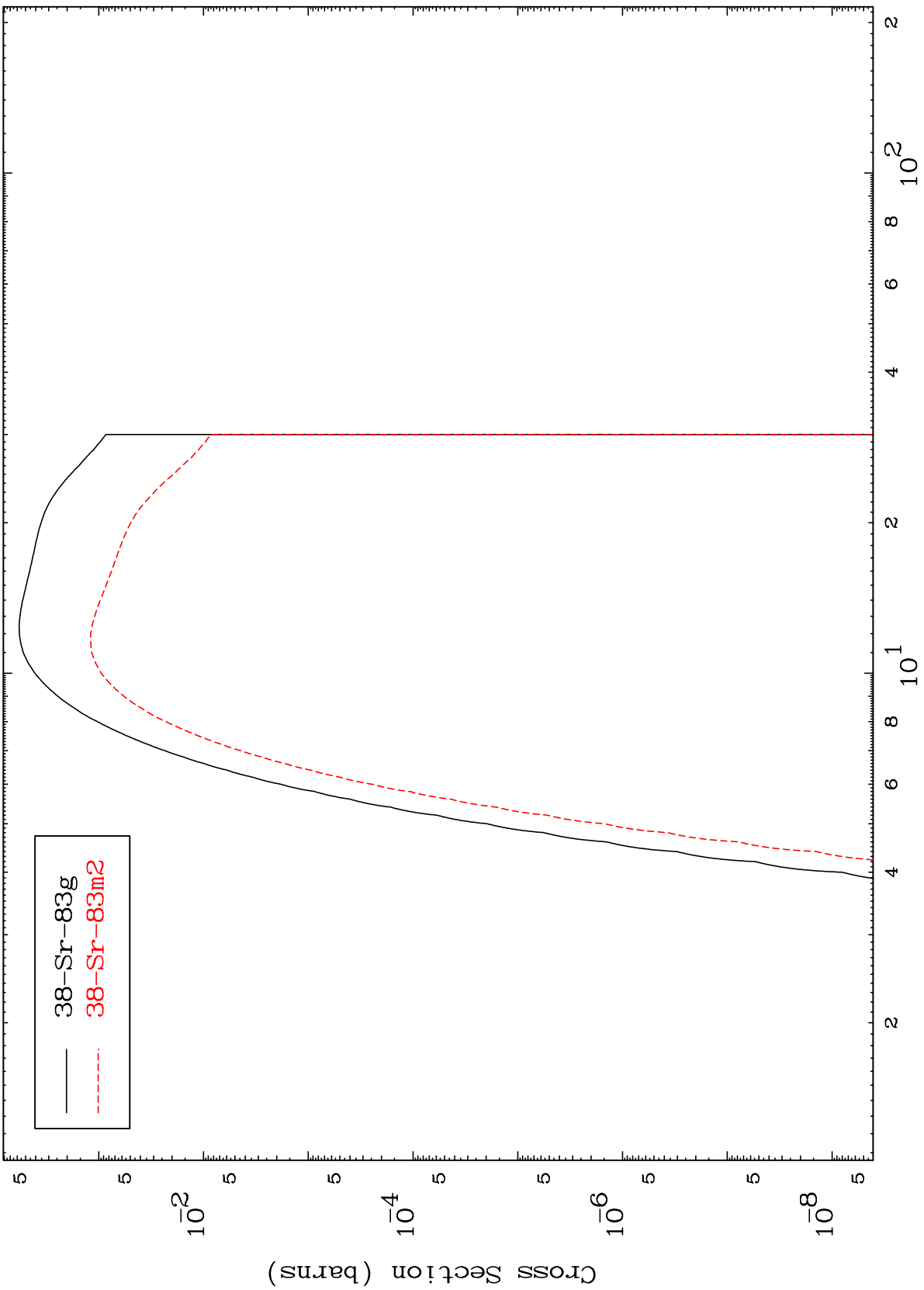
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40-Zr-84

(n,2p)  
Radionuclide Production Cross Section



54

Incident Energy (MeV)

40-Zr-84