

Program EVALPLOT  
(Version 2021-1)

by

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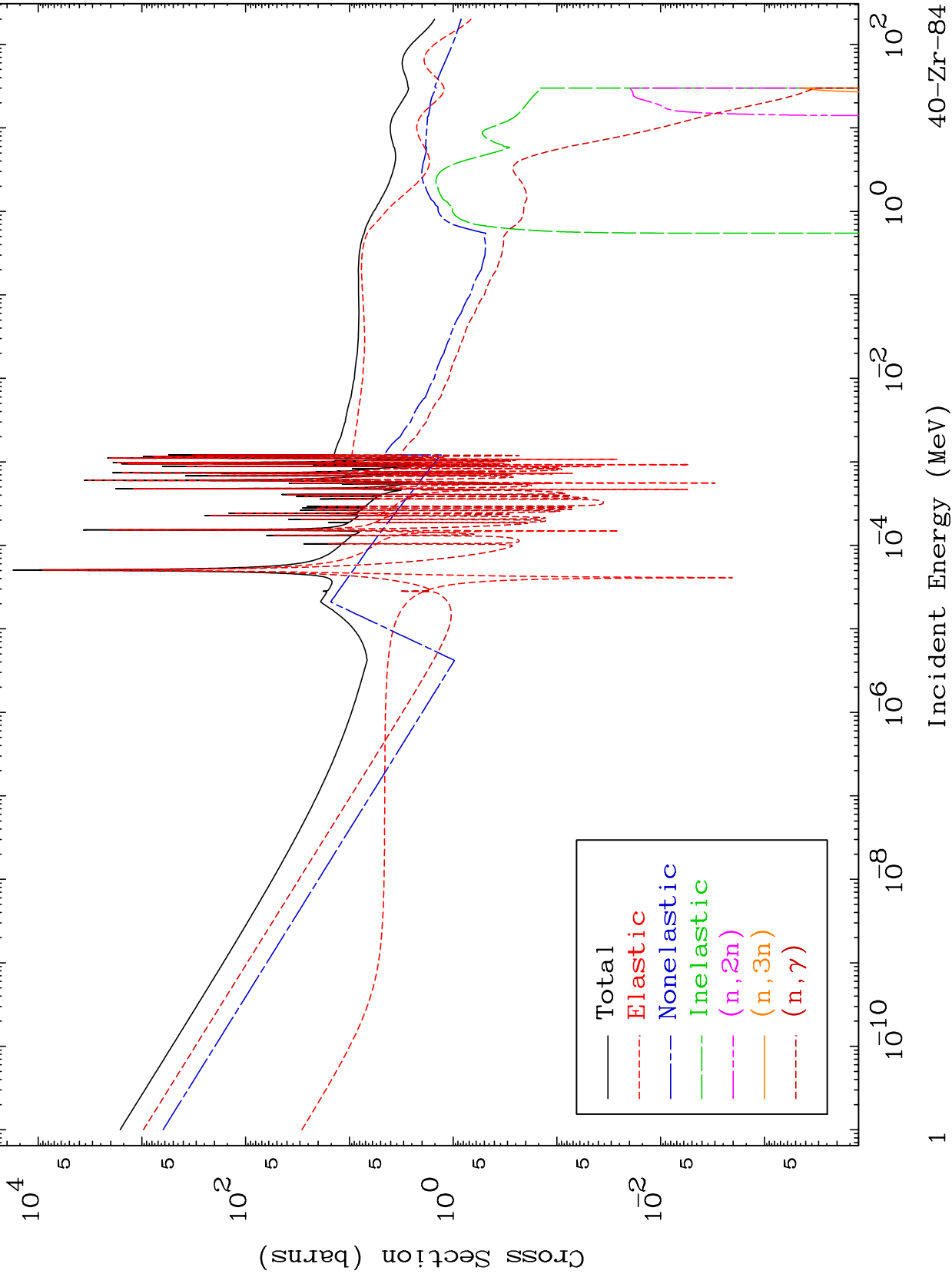
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4007

Neutron Major  
293 Kelvin Cross Sections

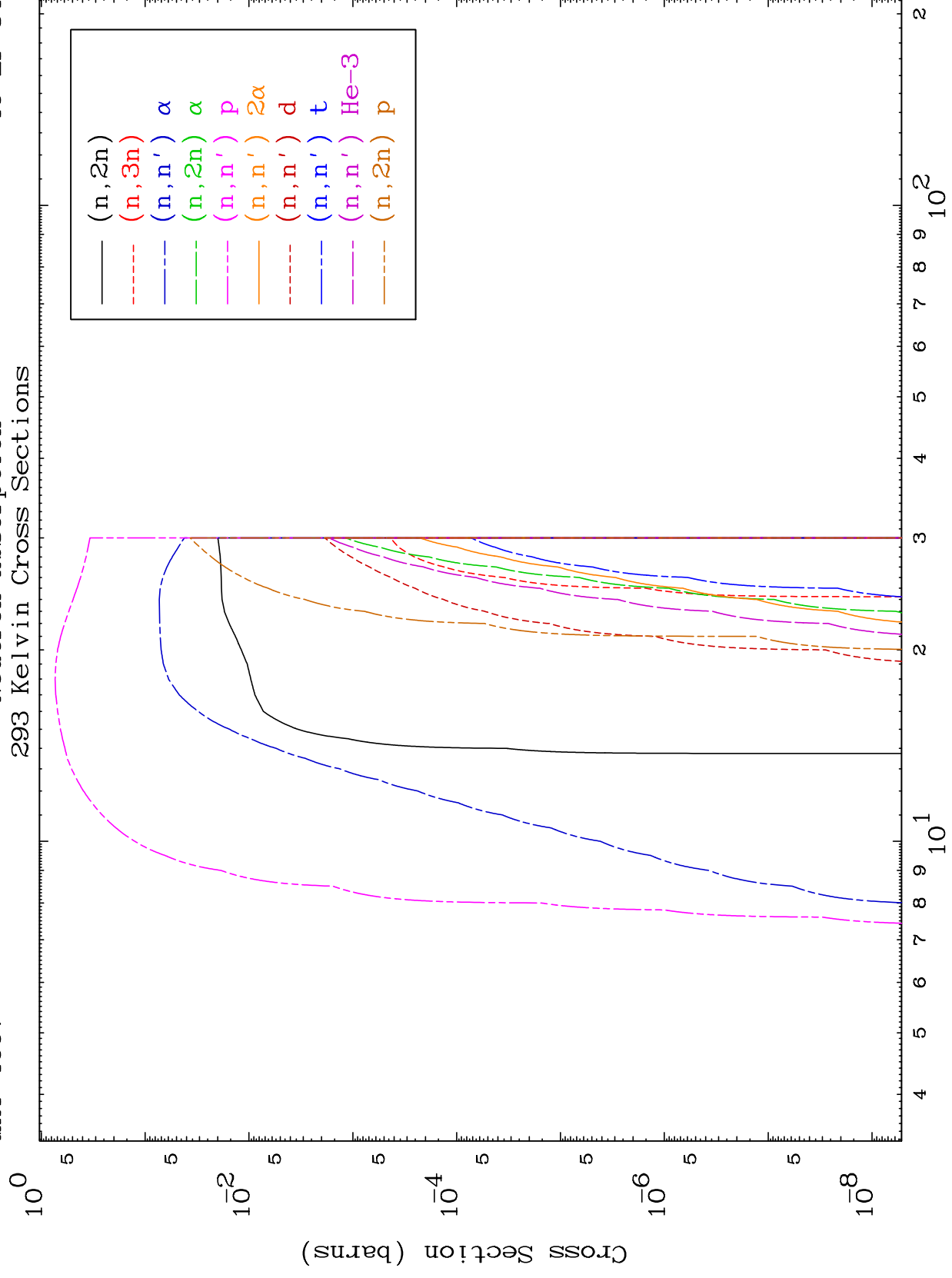
40-Zr-84



MAT 4007

Neutron Absorption  
293 Kelvin Cross Sections

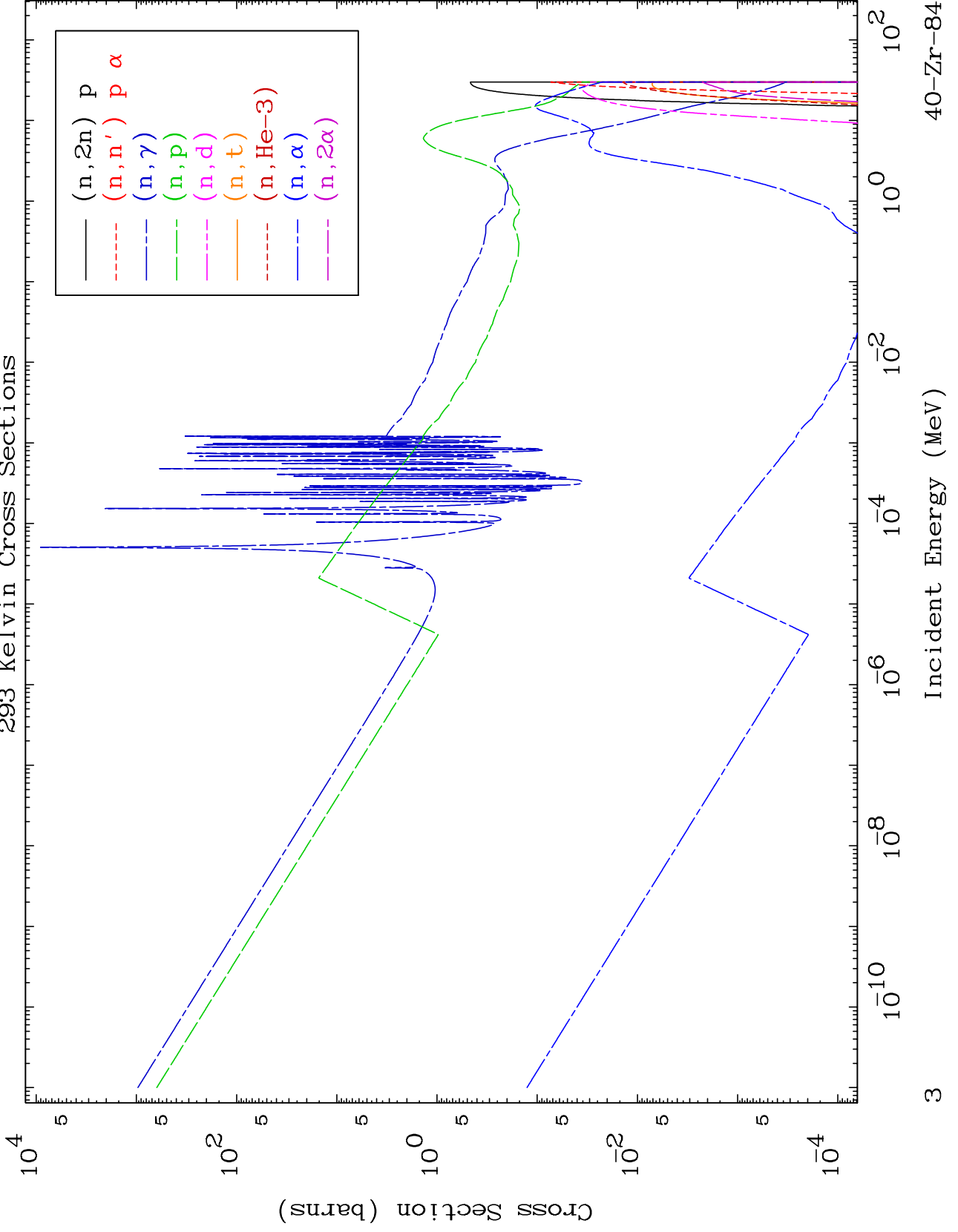
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MAT 4007

Neutron Absorption  
293 Kelvin Cross Sections

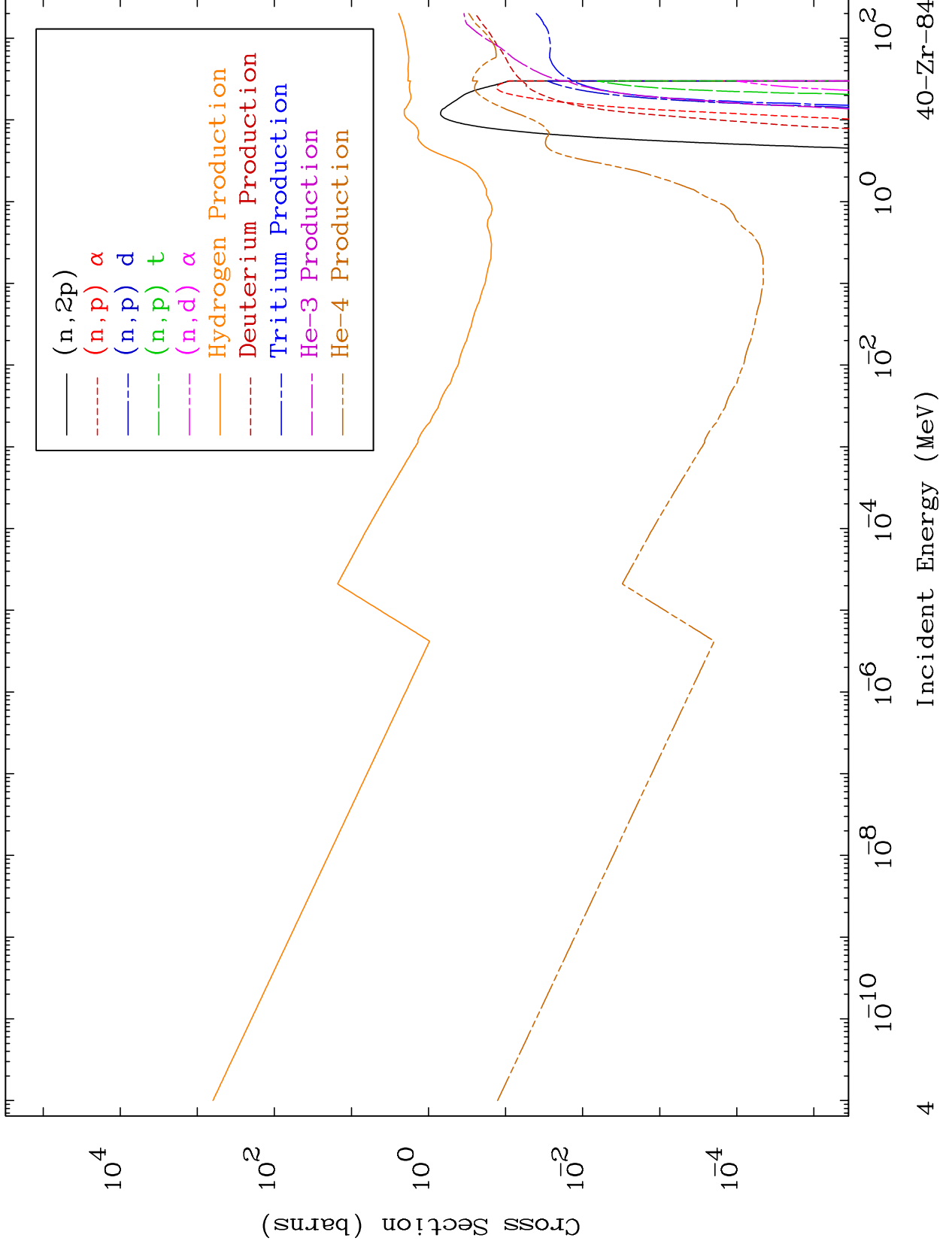
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MAT 4007

Neutron Absorption  
293 Kelvin Cross Sections

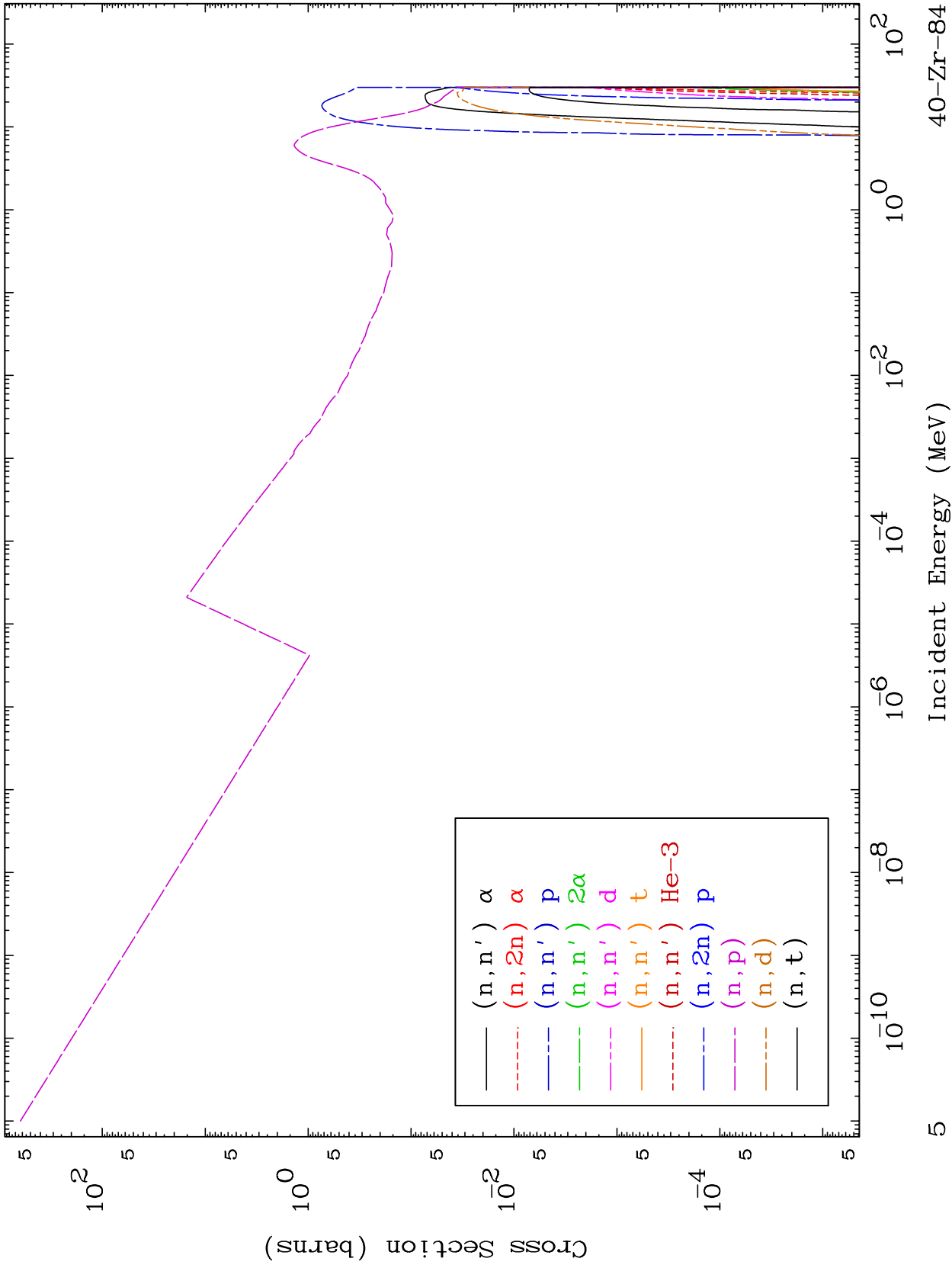
40-Zr-84



MAT 4007

Charged Particle  
293 Kelvin Cross Sections

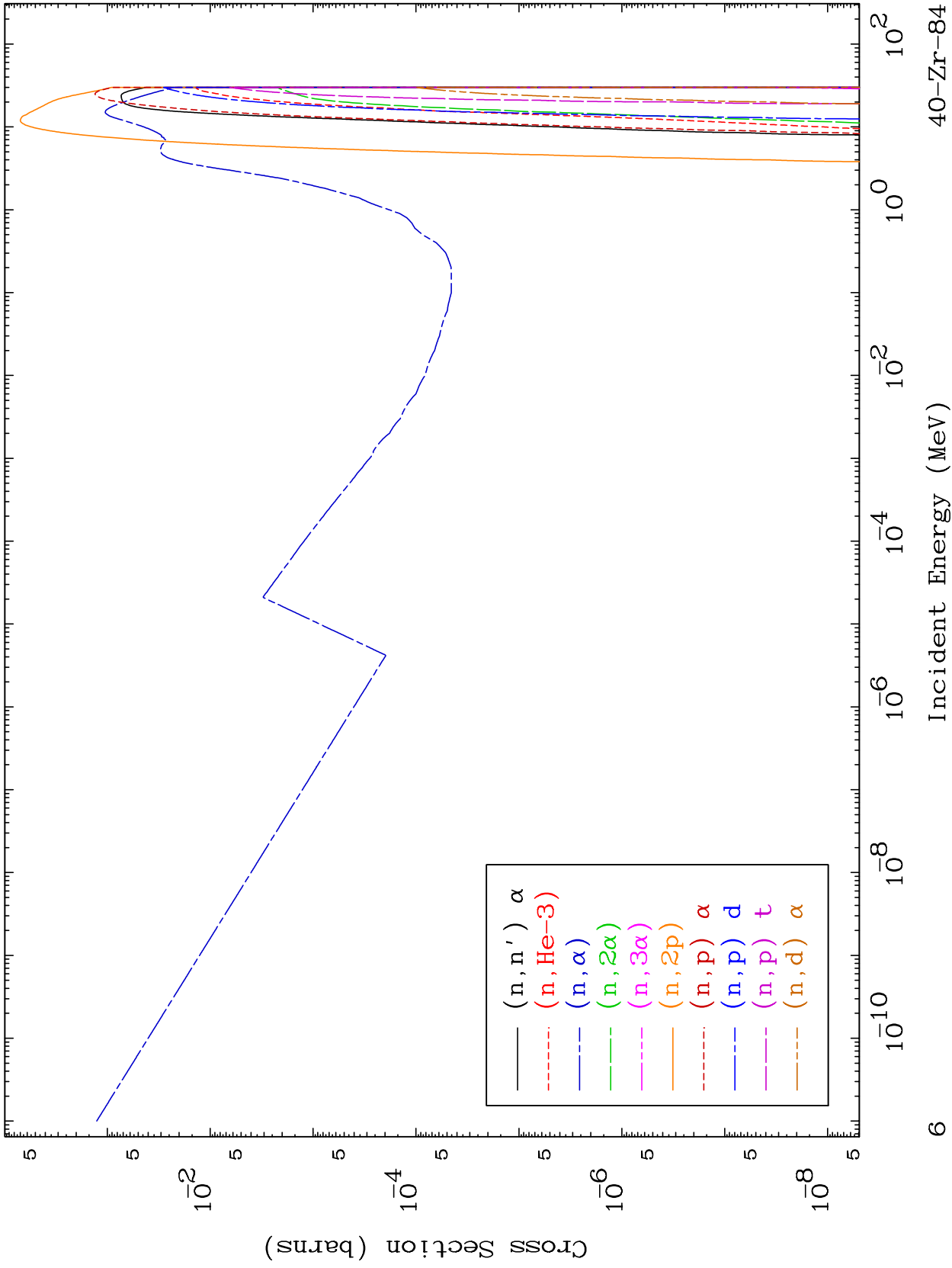
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MAT 4007

Charged Particle  
293 Kelvin Cross Sections

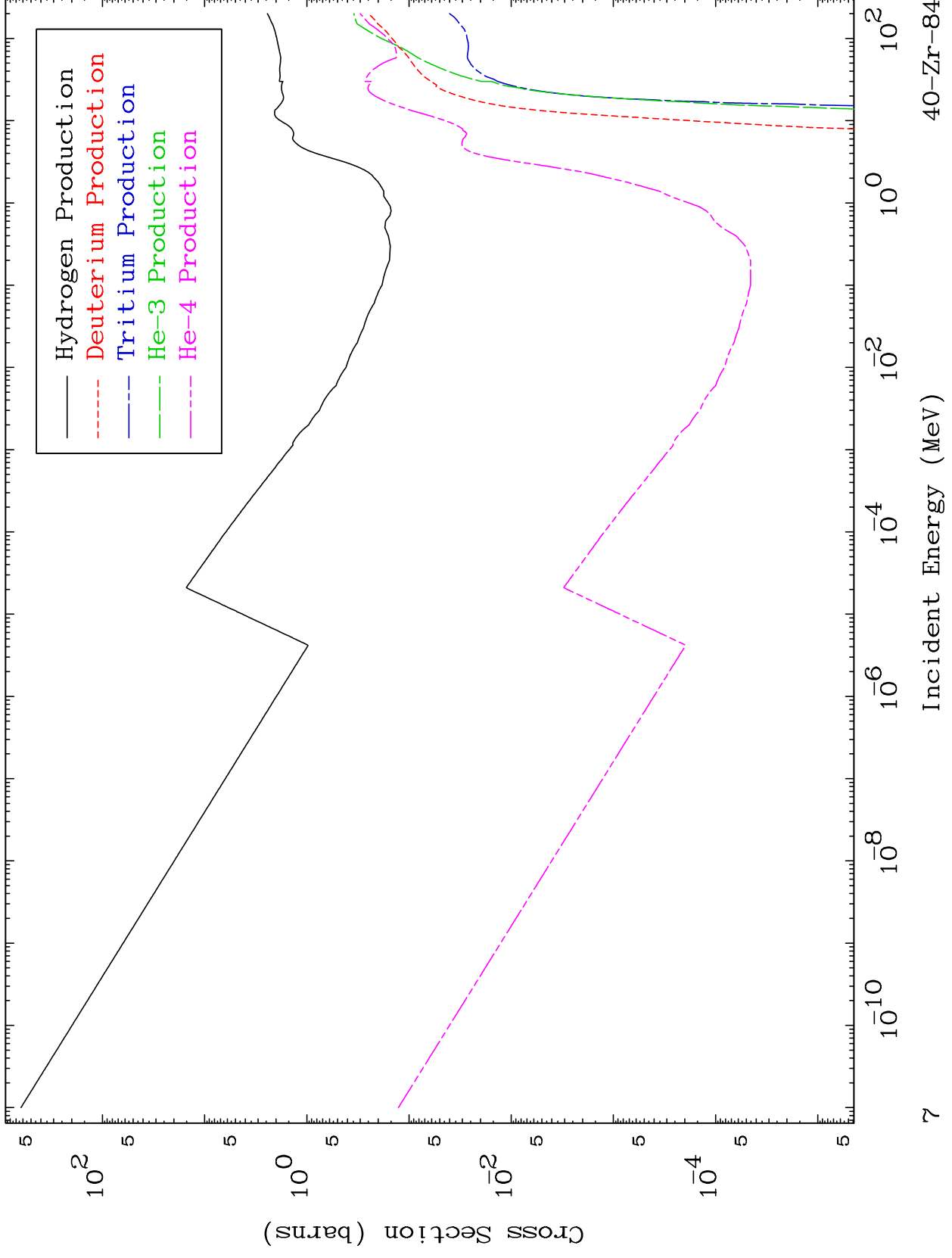
40-Zr-84



MAT 4007

Particle Production  
293 Kelvin Cross Sections

40-Zr-84

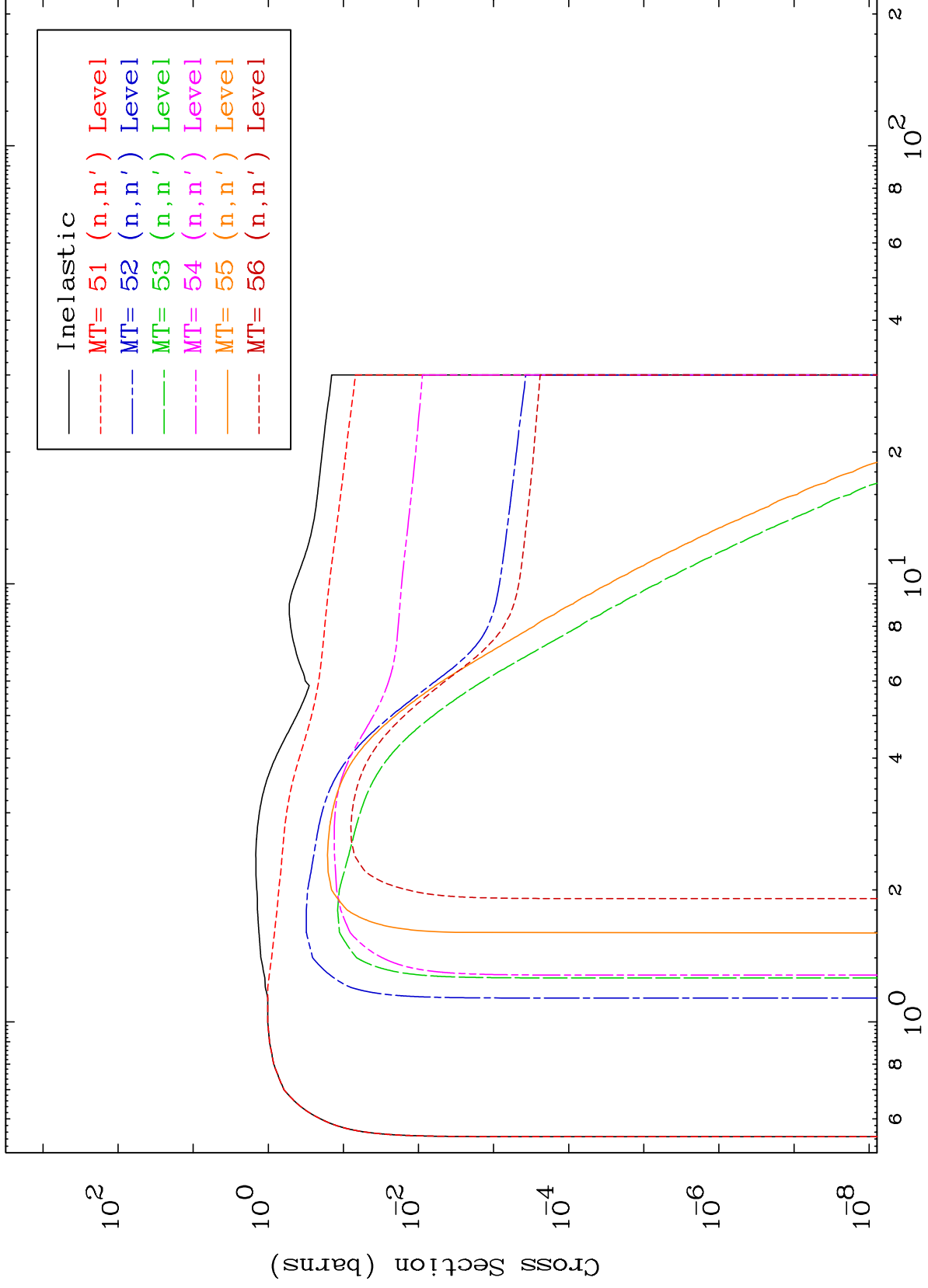


MAT 4007

(n,n') Levels

40-Zr-84

293 Kelvin Cross Sections



8

Incident Energy (MeV)

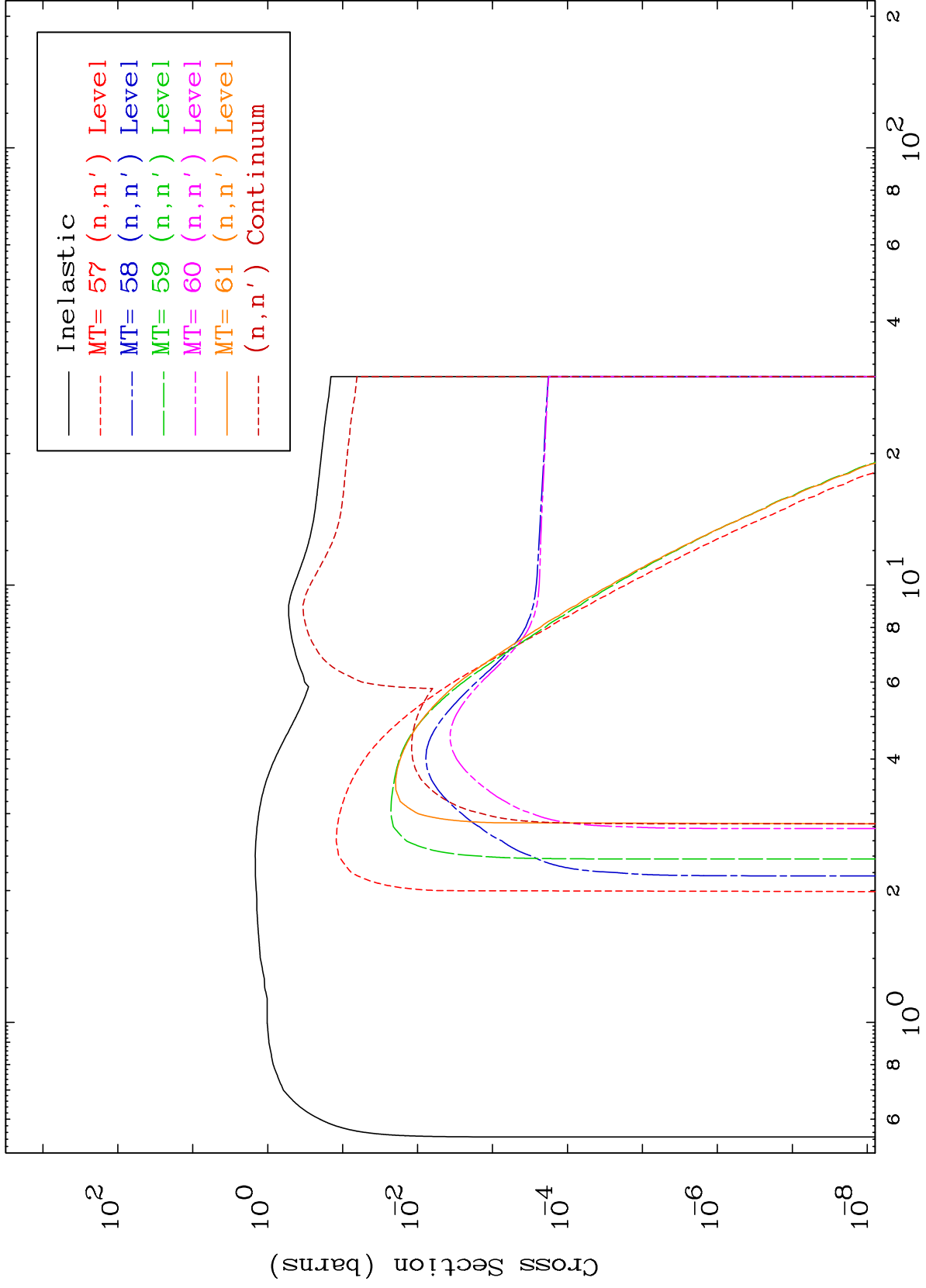
40-Zr-84

MAT 4007

(n,n') Levels

40-Zr-84

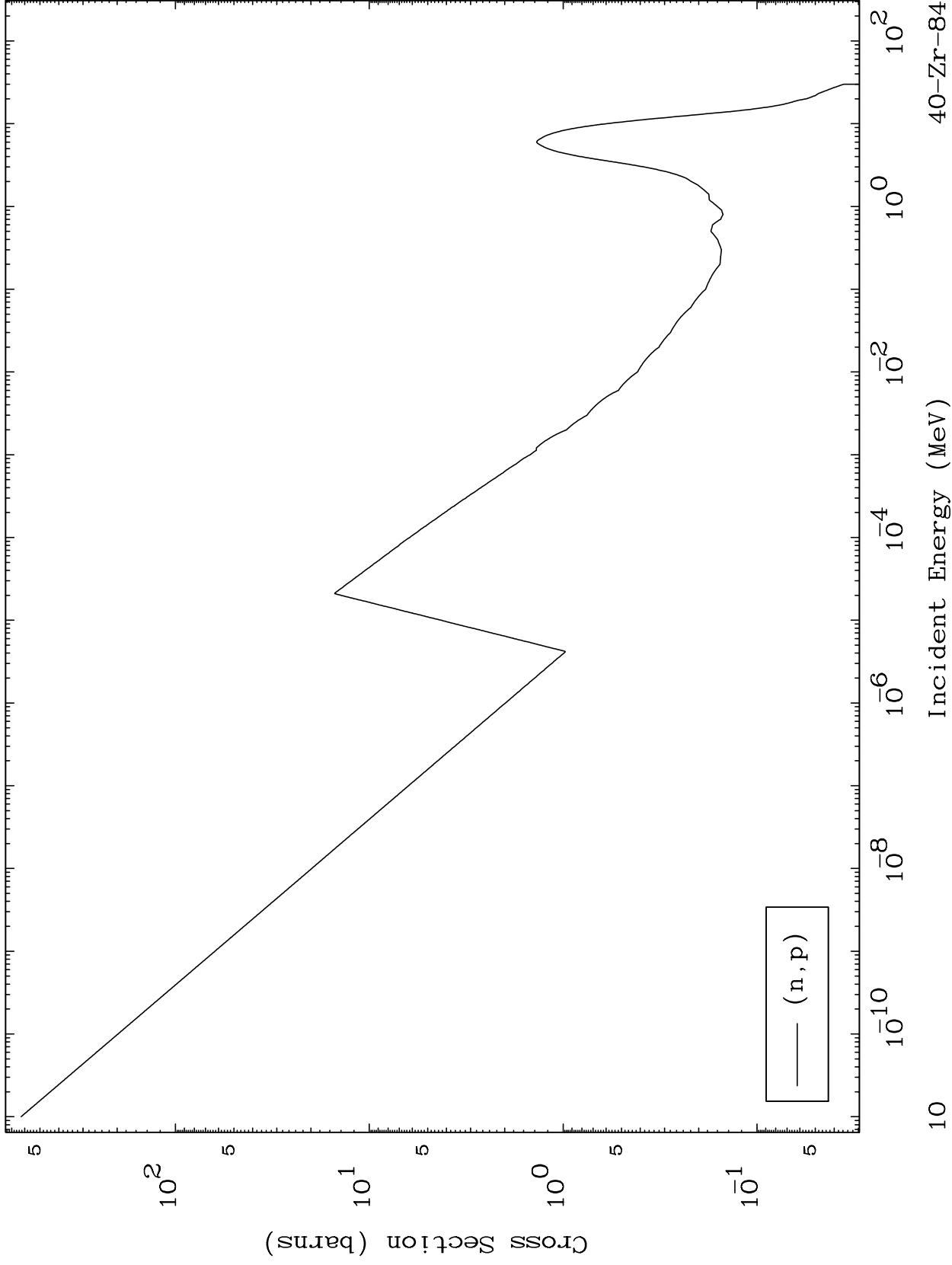
293 Kelvin Cross Sections

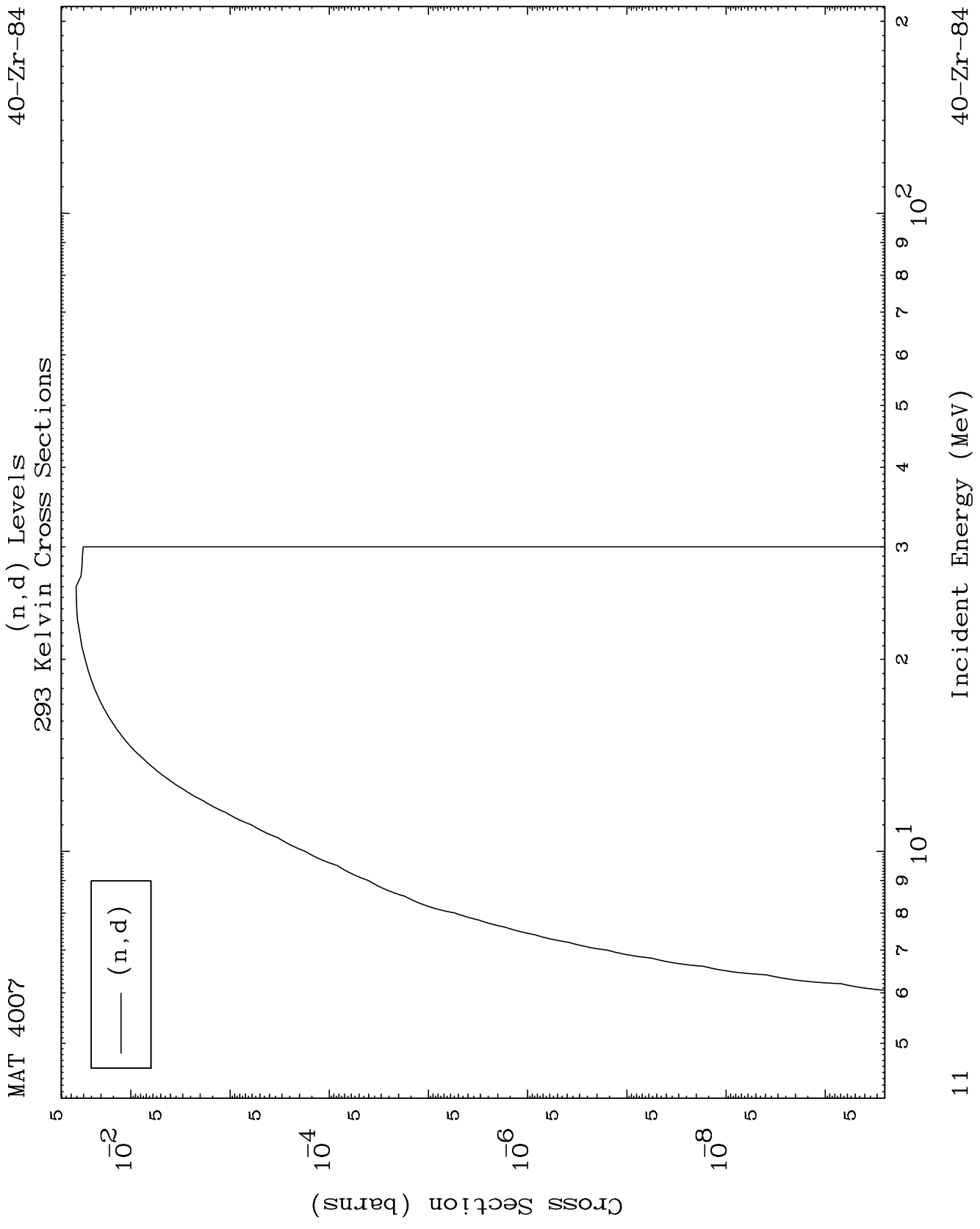


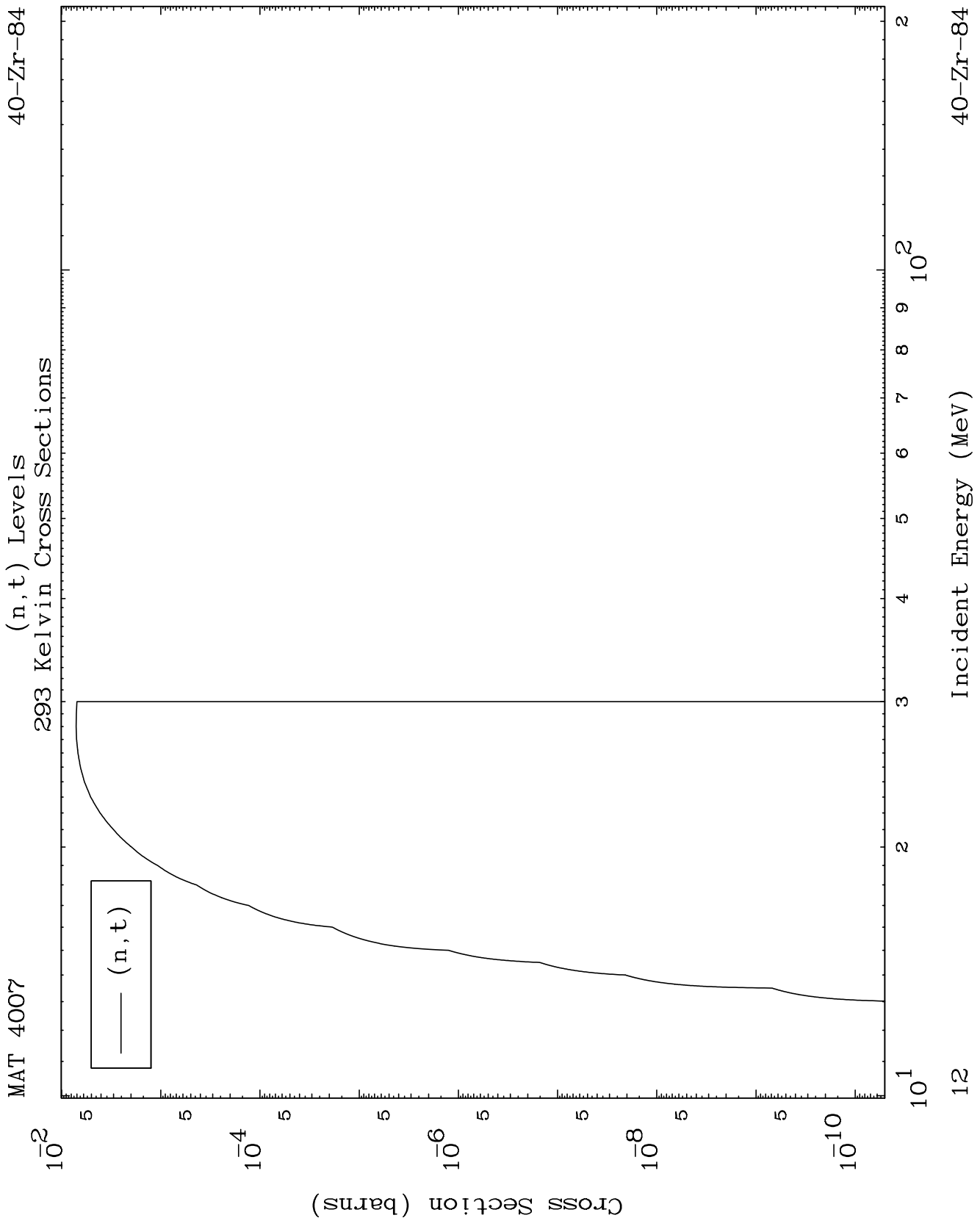
MAT 4007

(n,p) Levels  
293 Kelvin Cross Sections

40-Zr-84



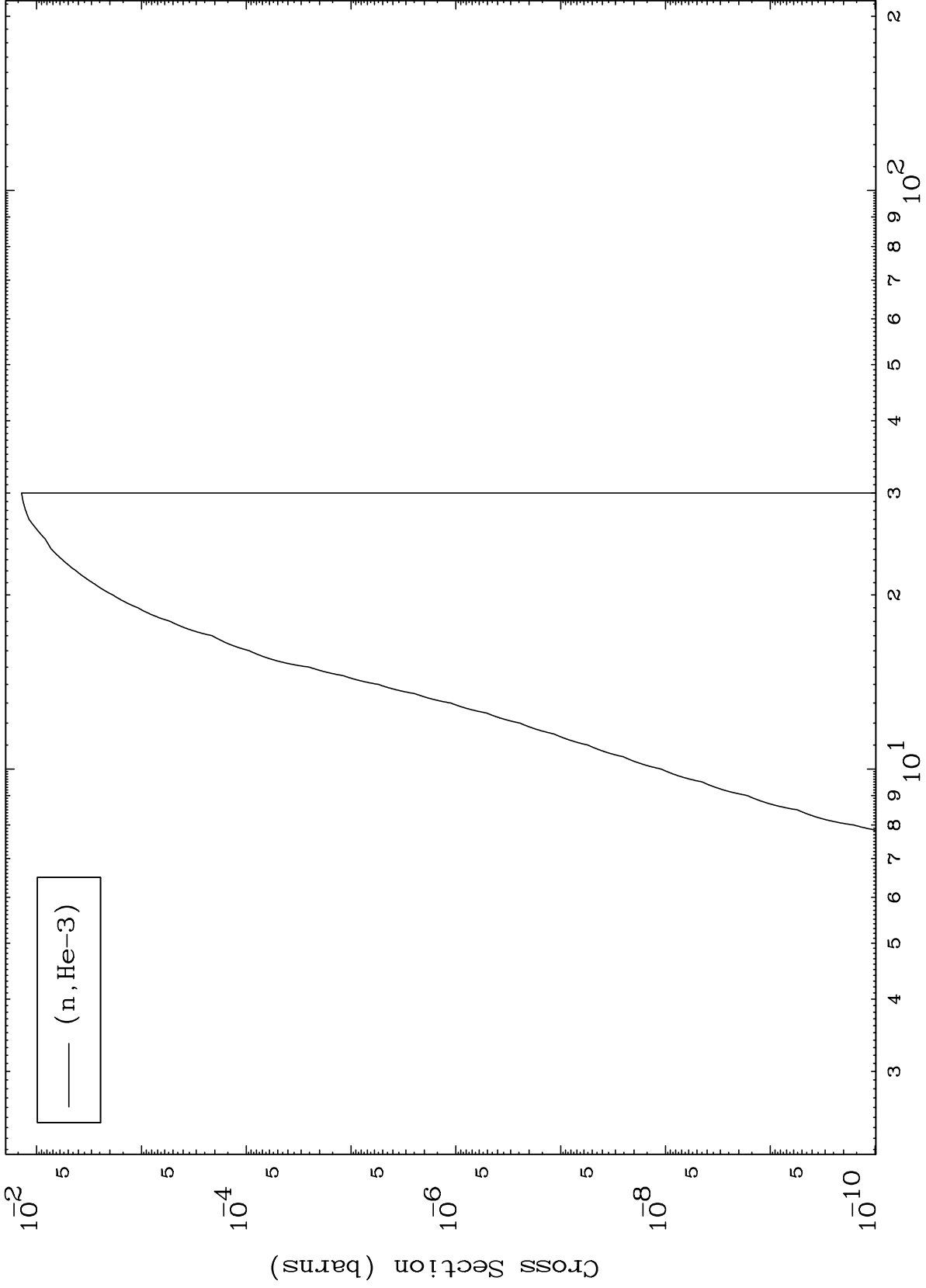




MAT 4007

(n,He3) Levels  
293 Kelvin Cross Sections

40-Zr-84



13

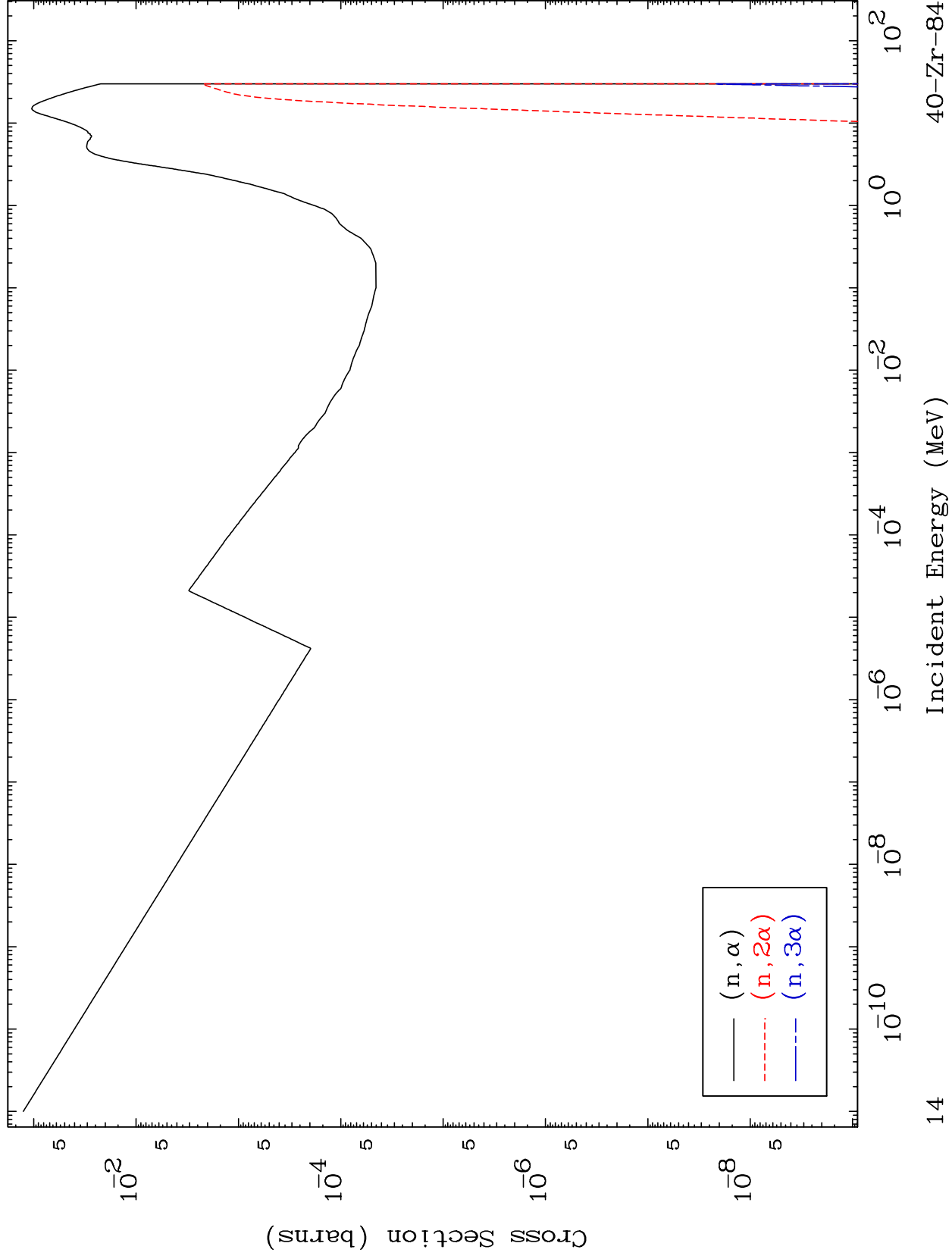
Incident Energy (MeV)

40-Zr-84

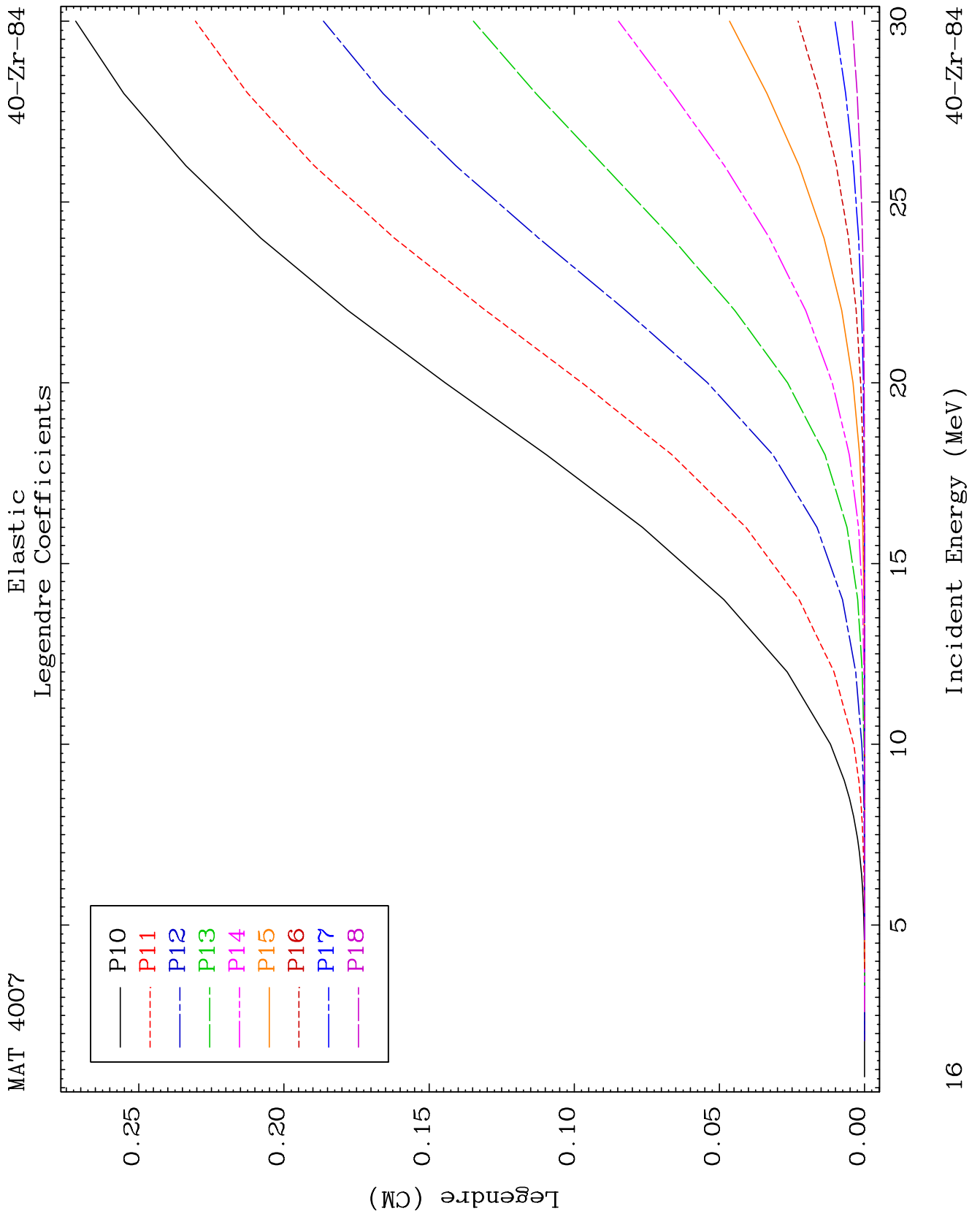
MAT 4007

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

40-Zr-84







MAT 4007

Elastic Legendre Coefficients

40-Zr-84

16

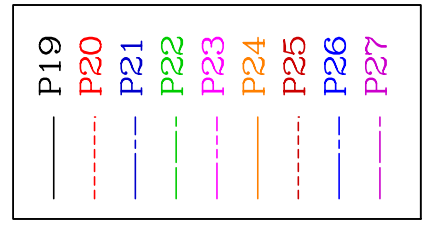
Incident Energy (MeV)

40-Zr-84

MAT 4007

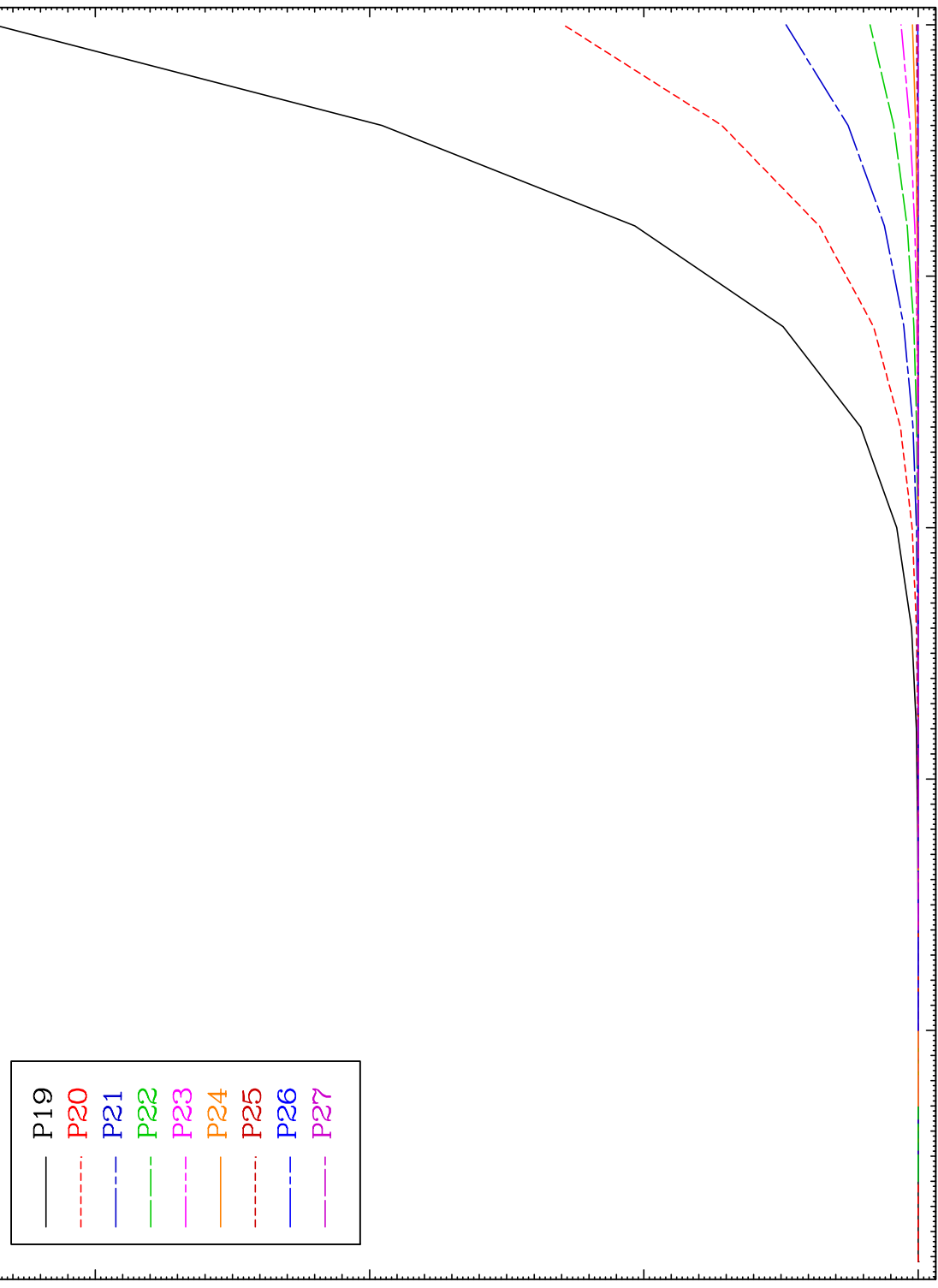
Elastic Legendre Coefficients

40-Zr-84



$\times 10^{-3}$

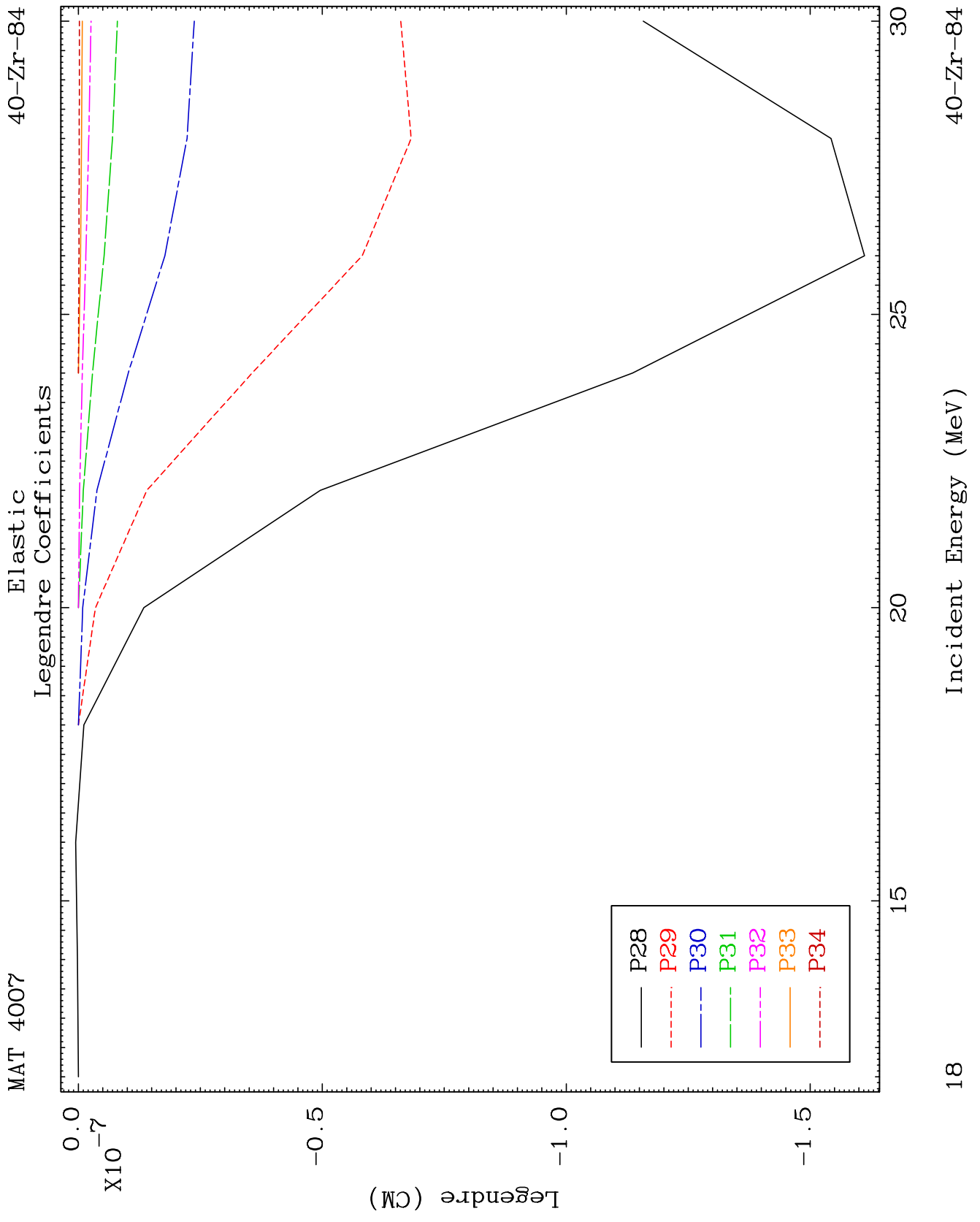
Legendre (CM)

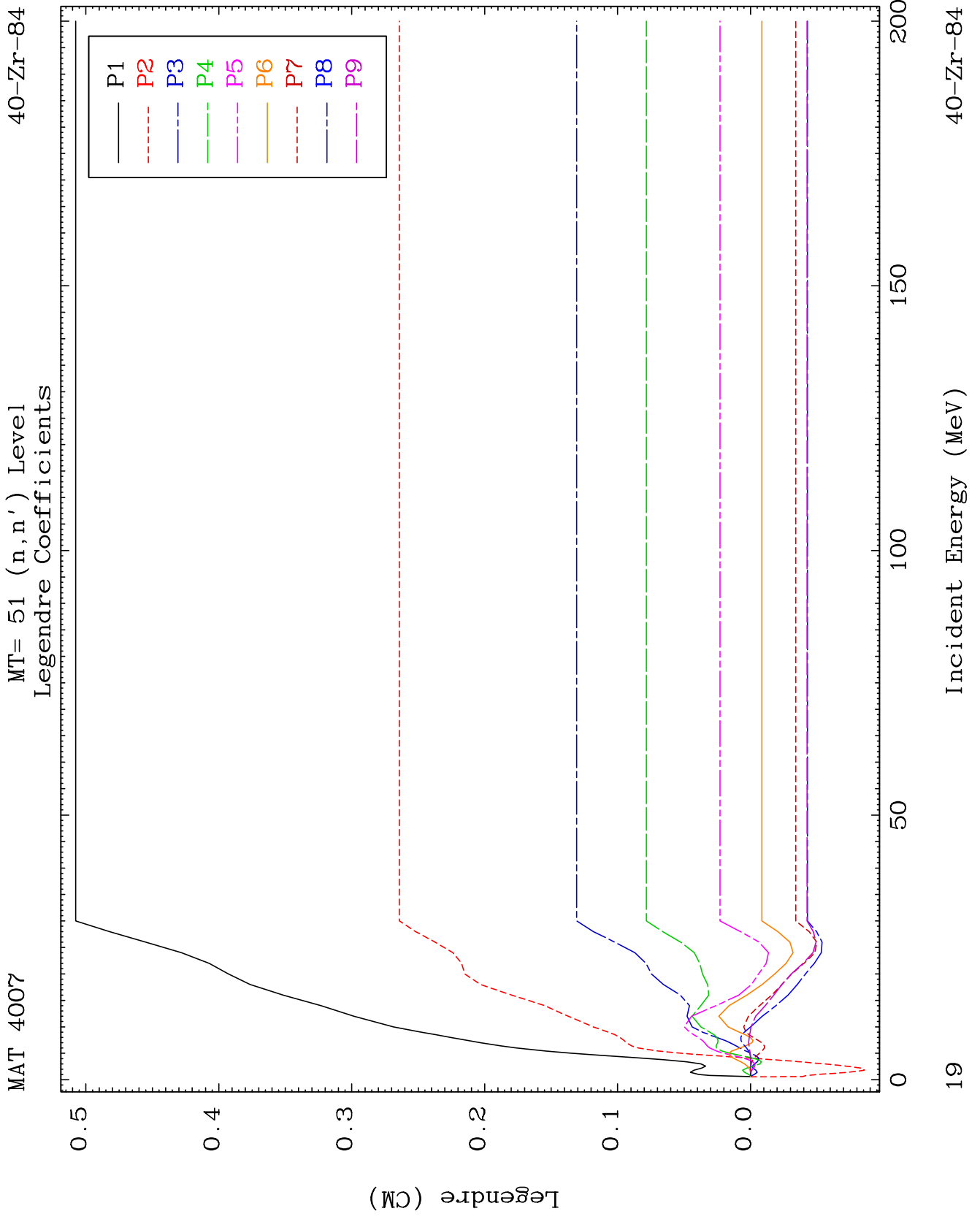


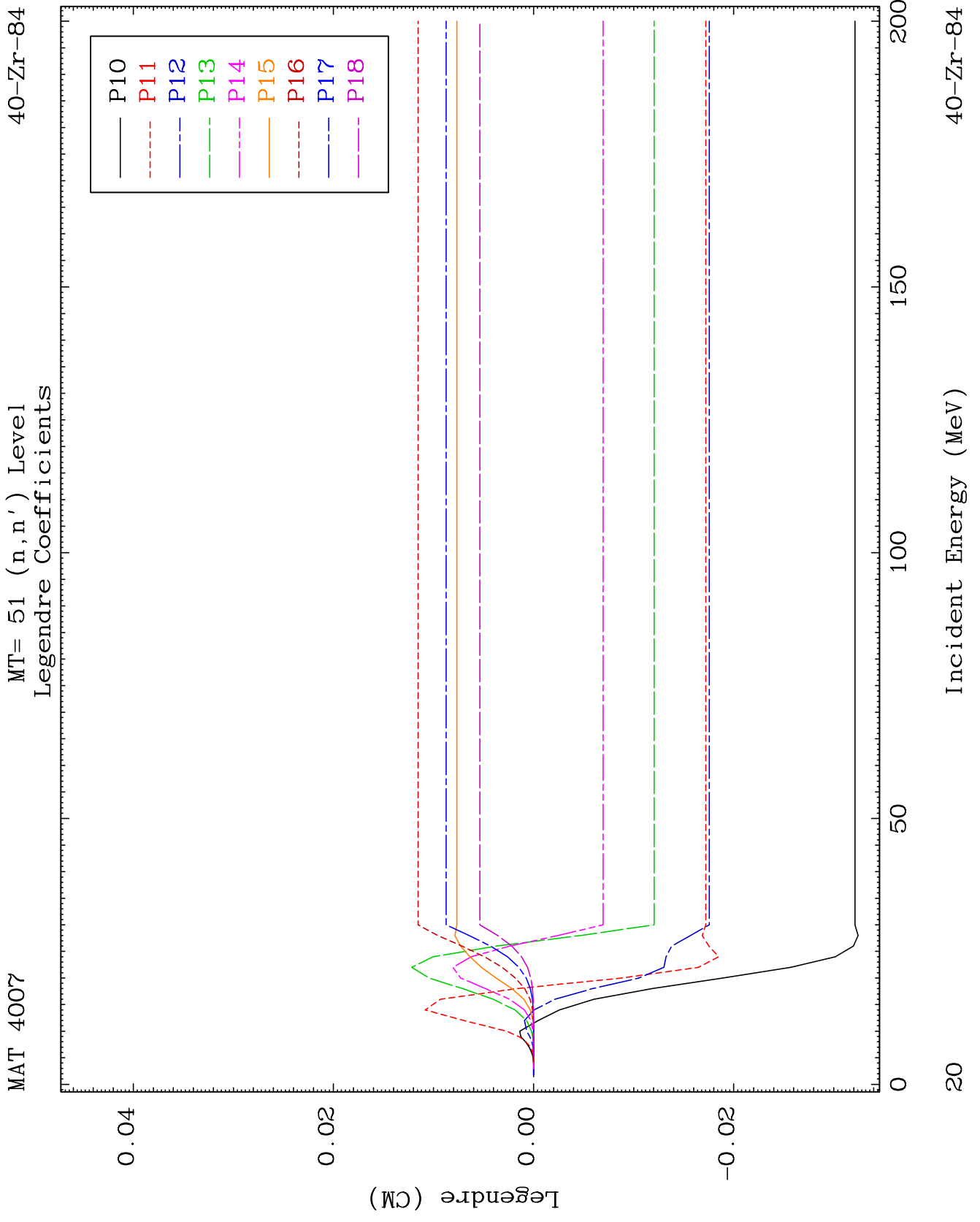
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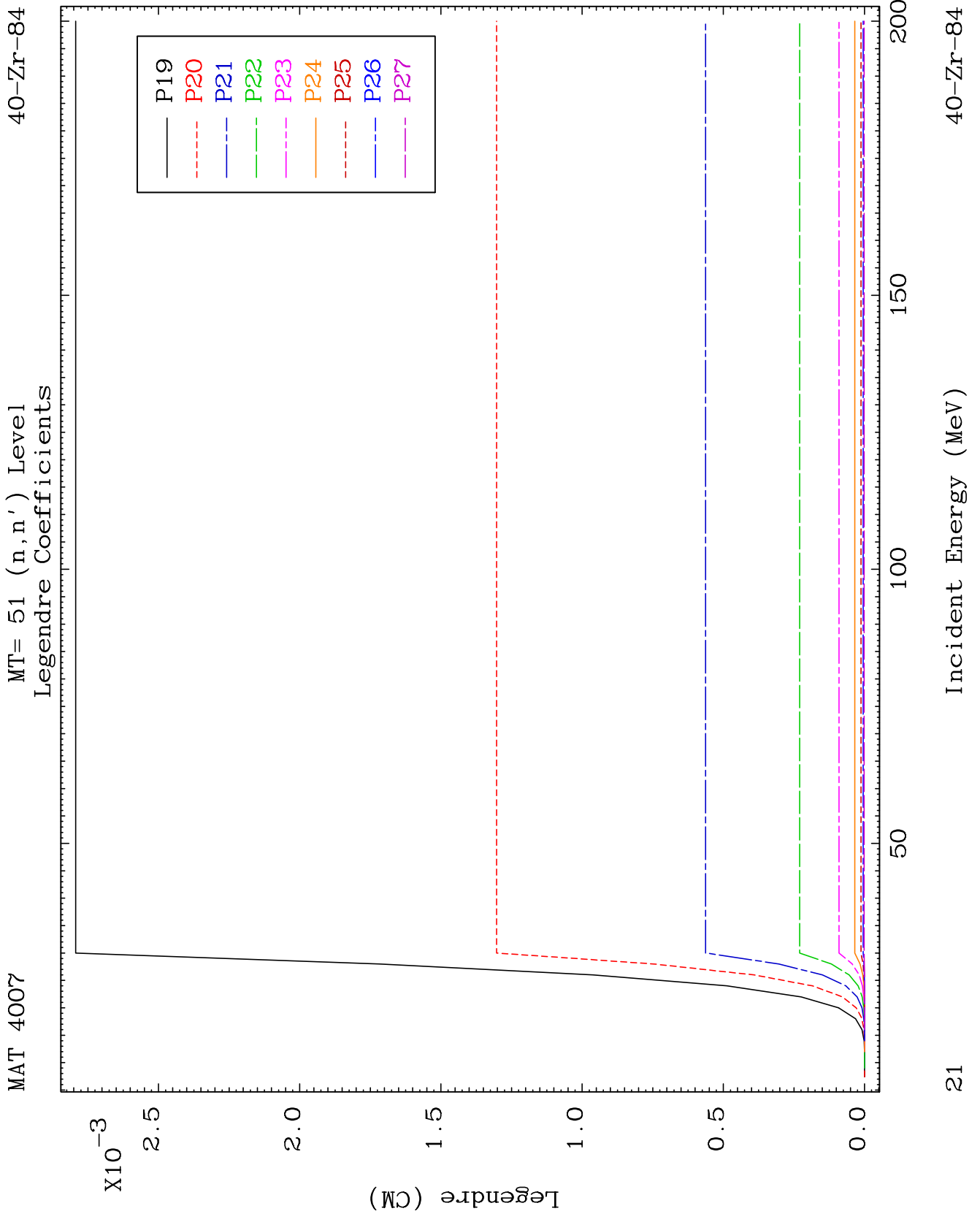
Incident Energy (MeV)

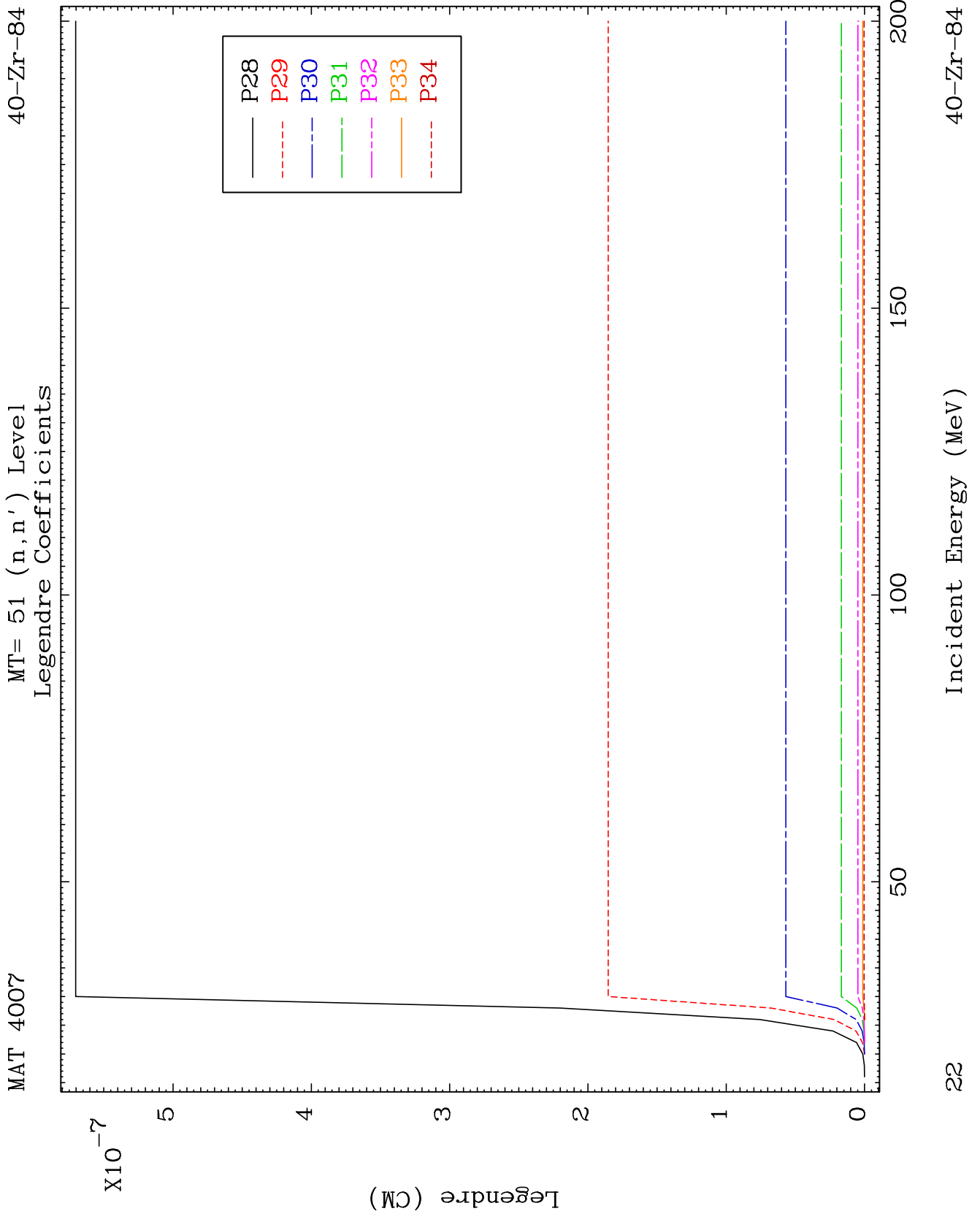
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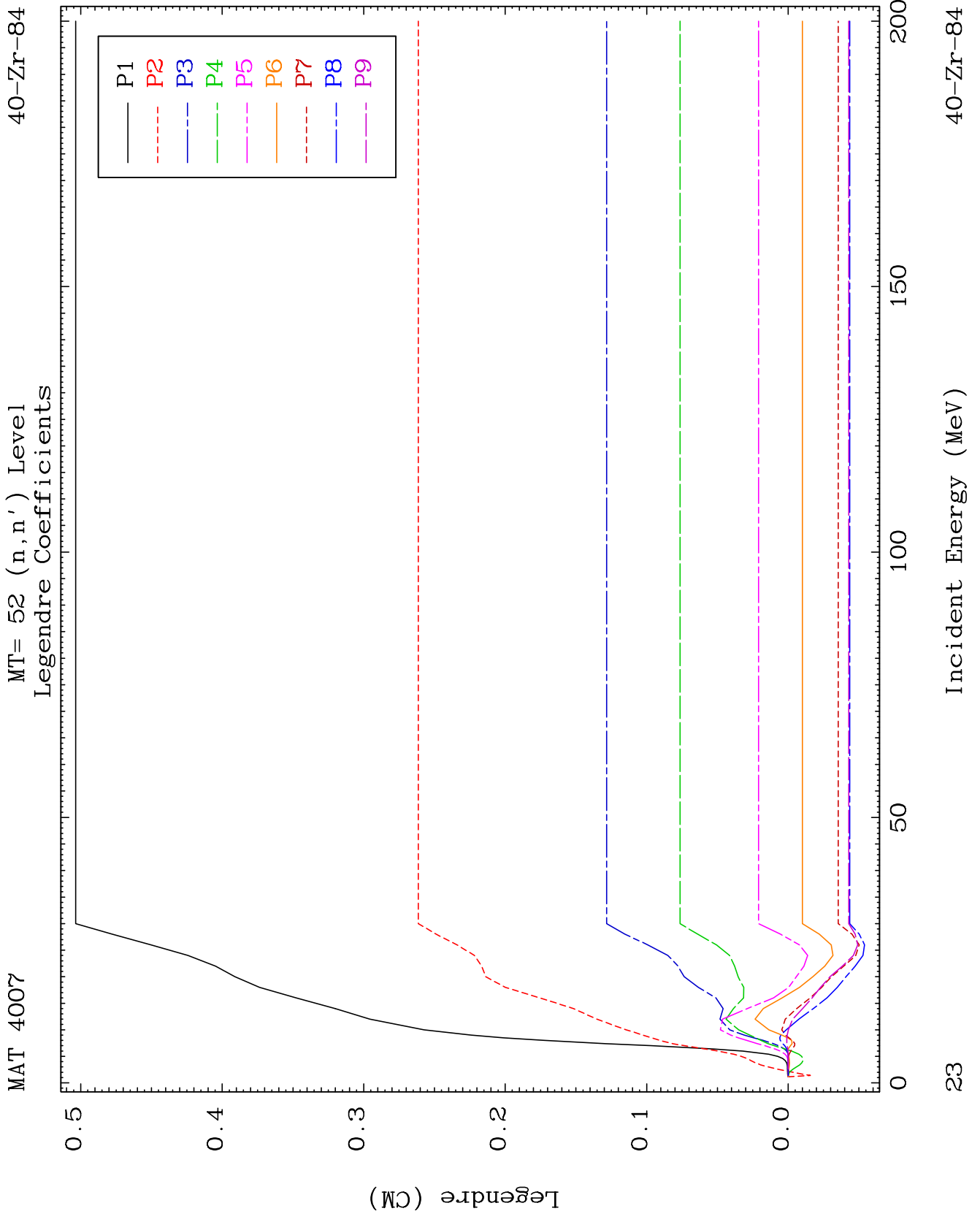


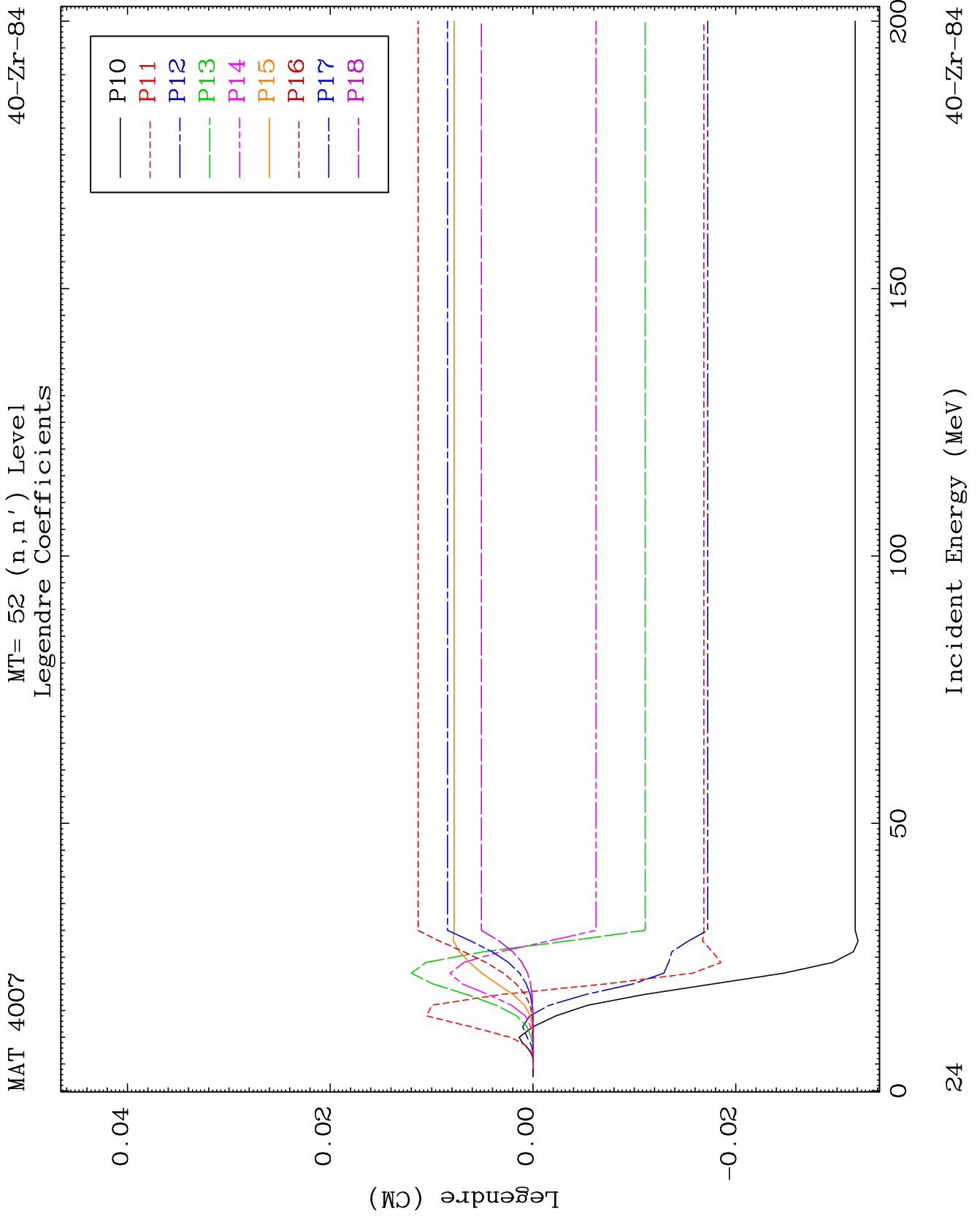


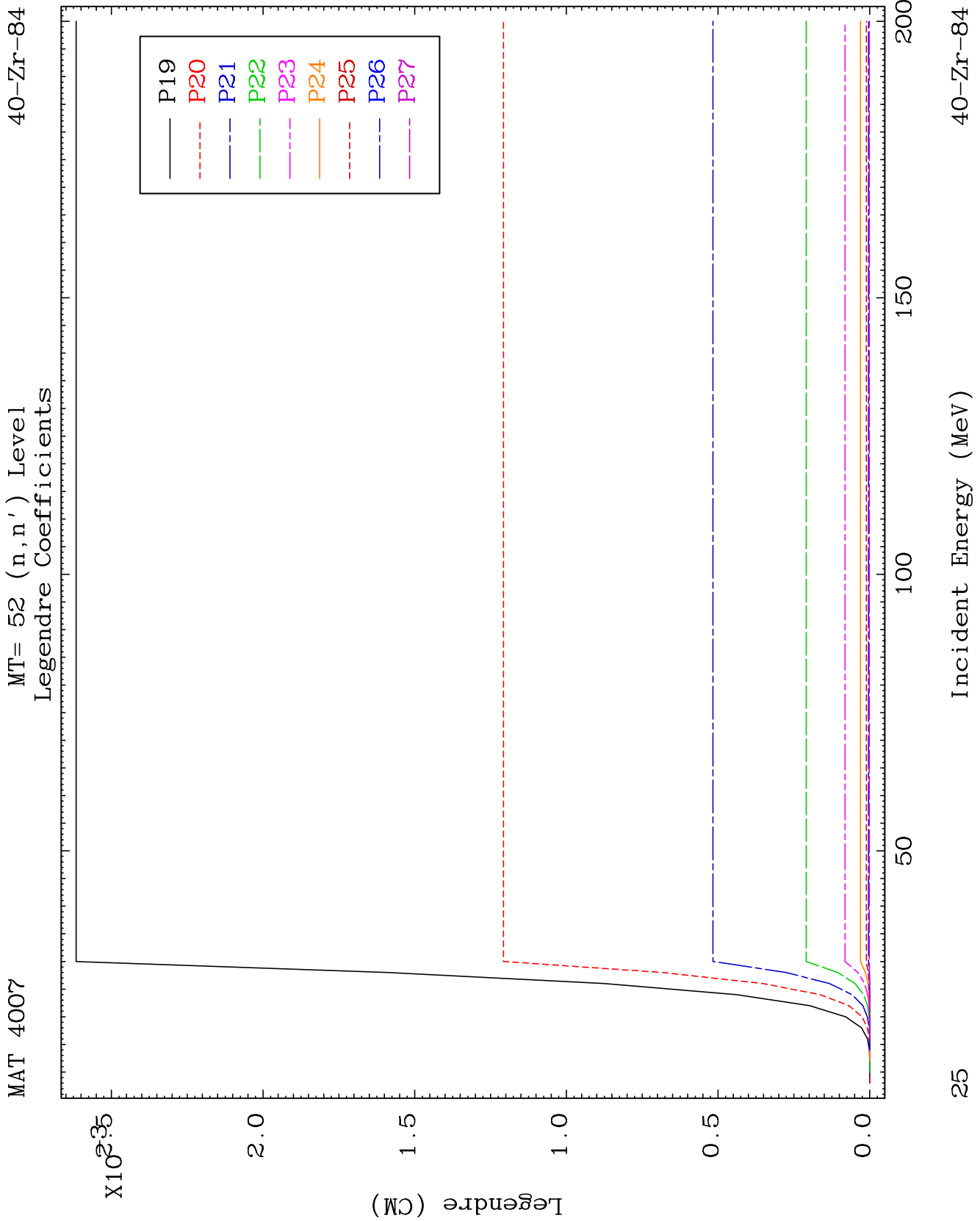


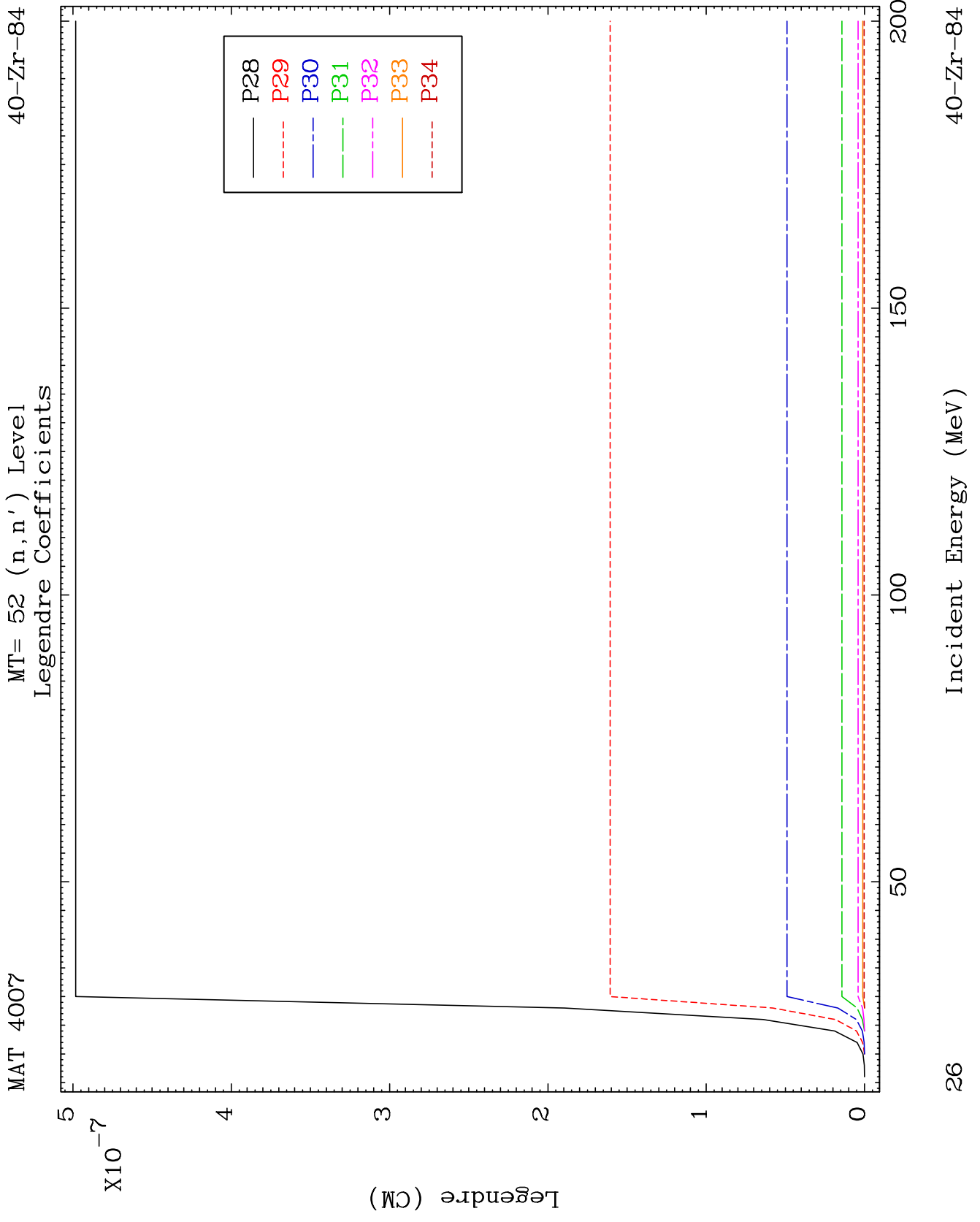


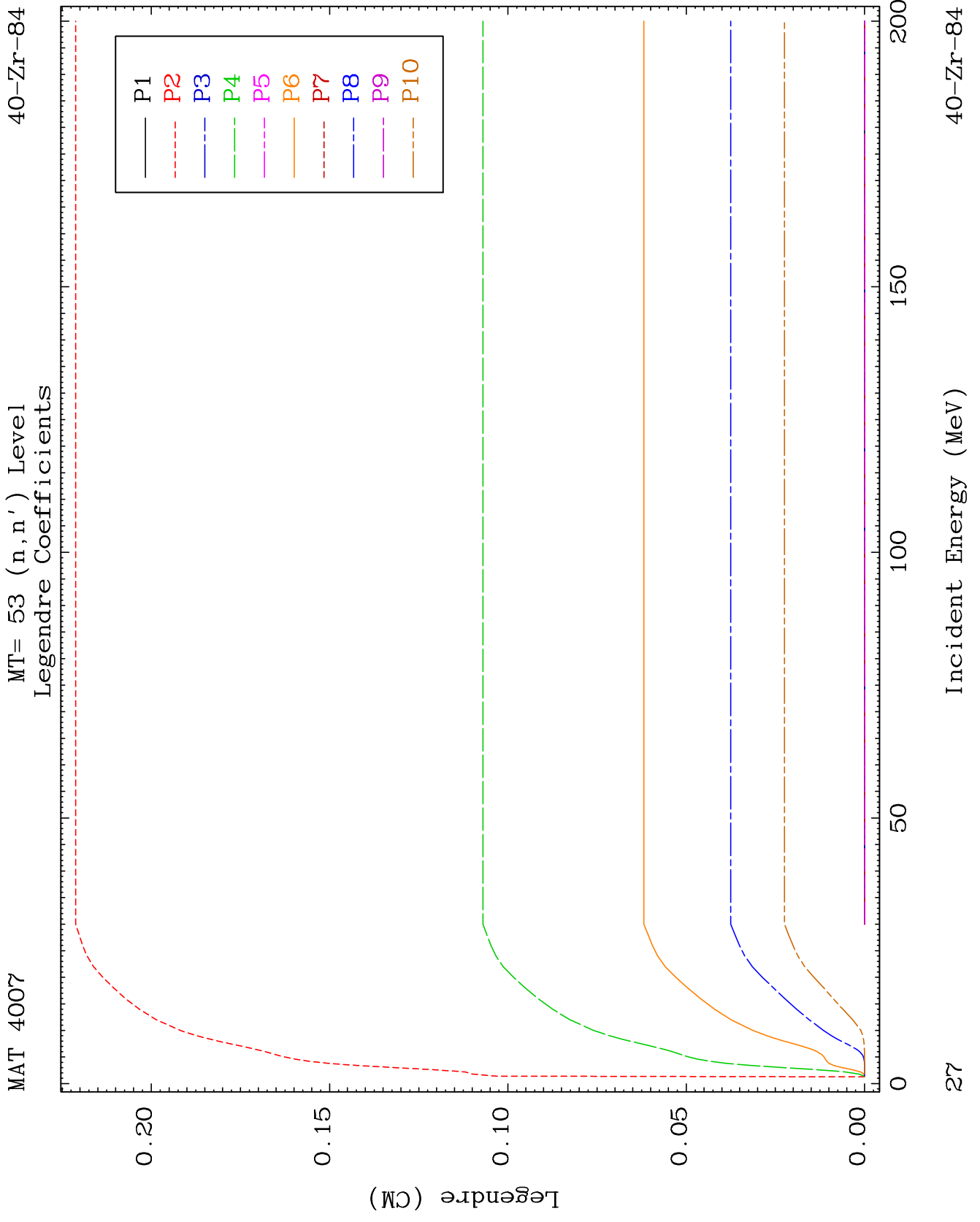




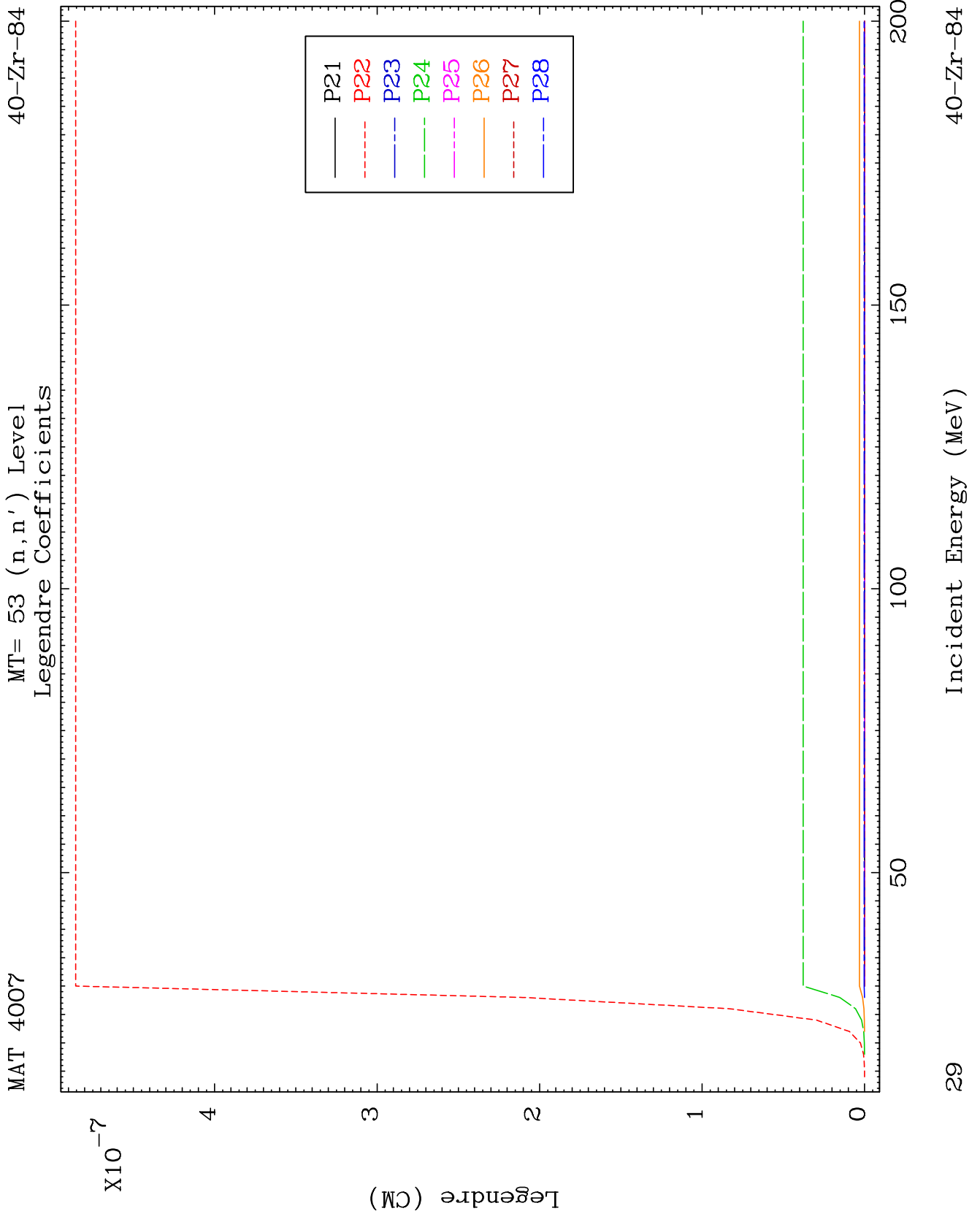


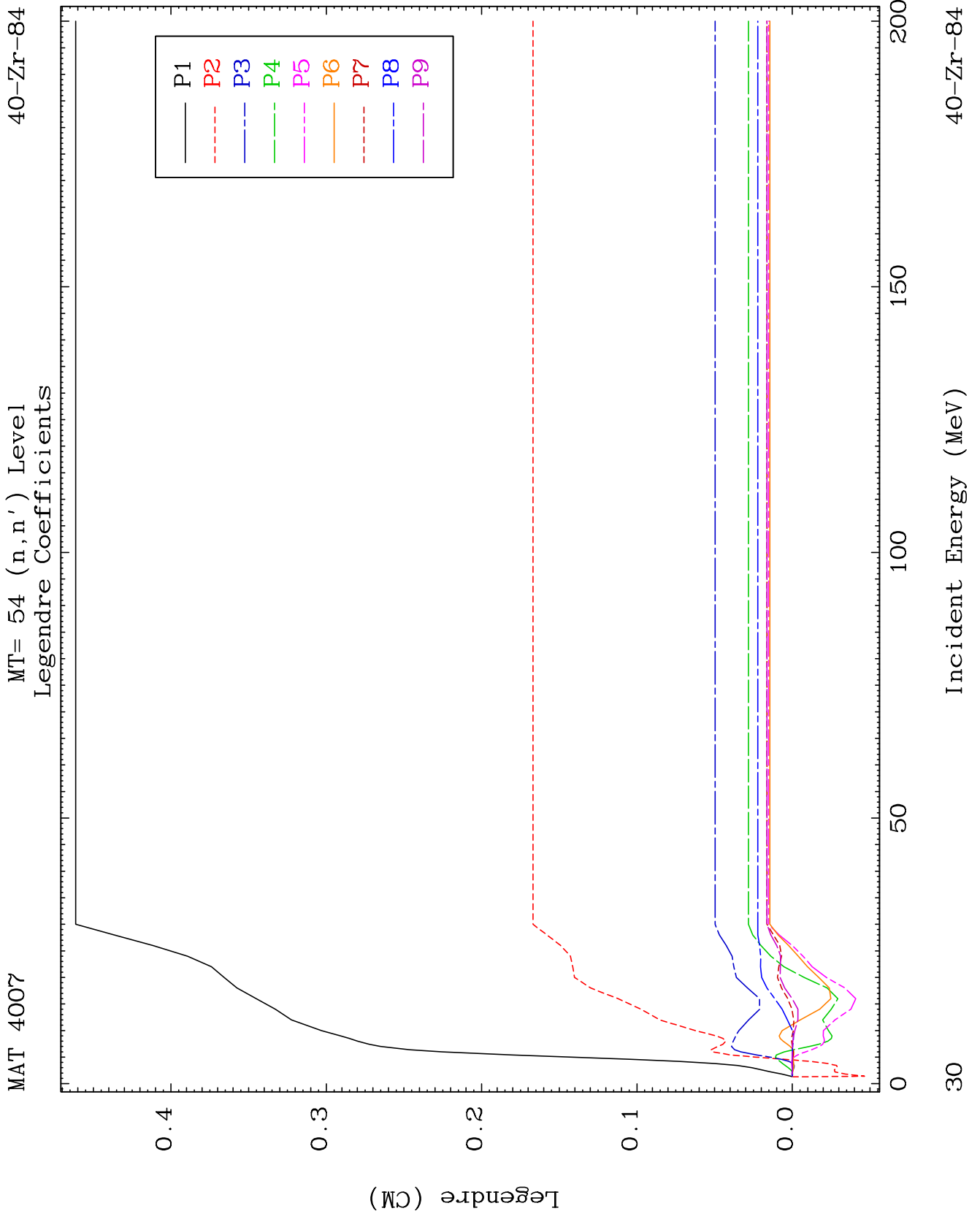








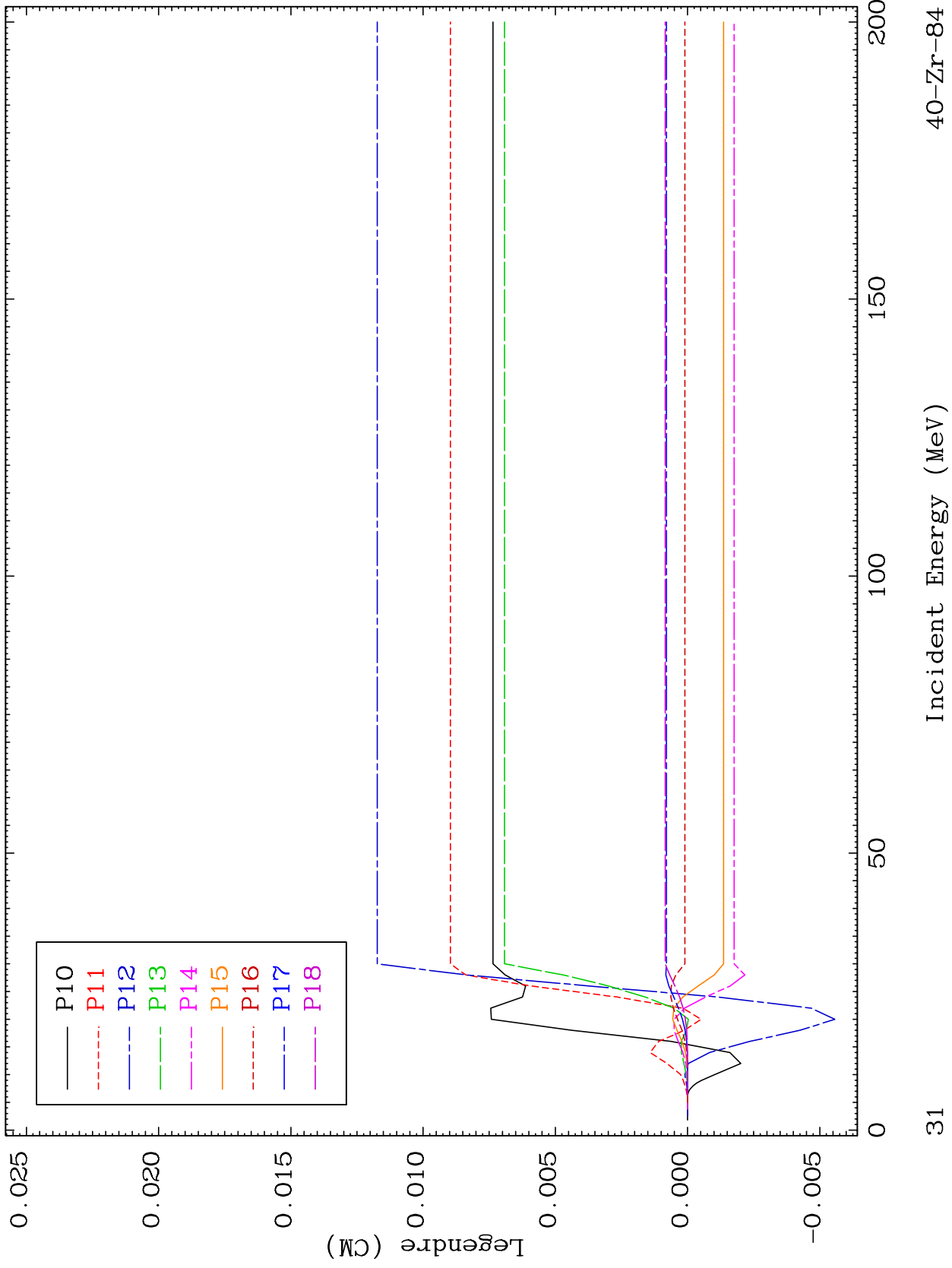




MAT 4007

MT= 54 (n,n') Level  
Legendre Coefficients

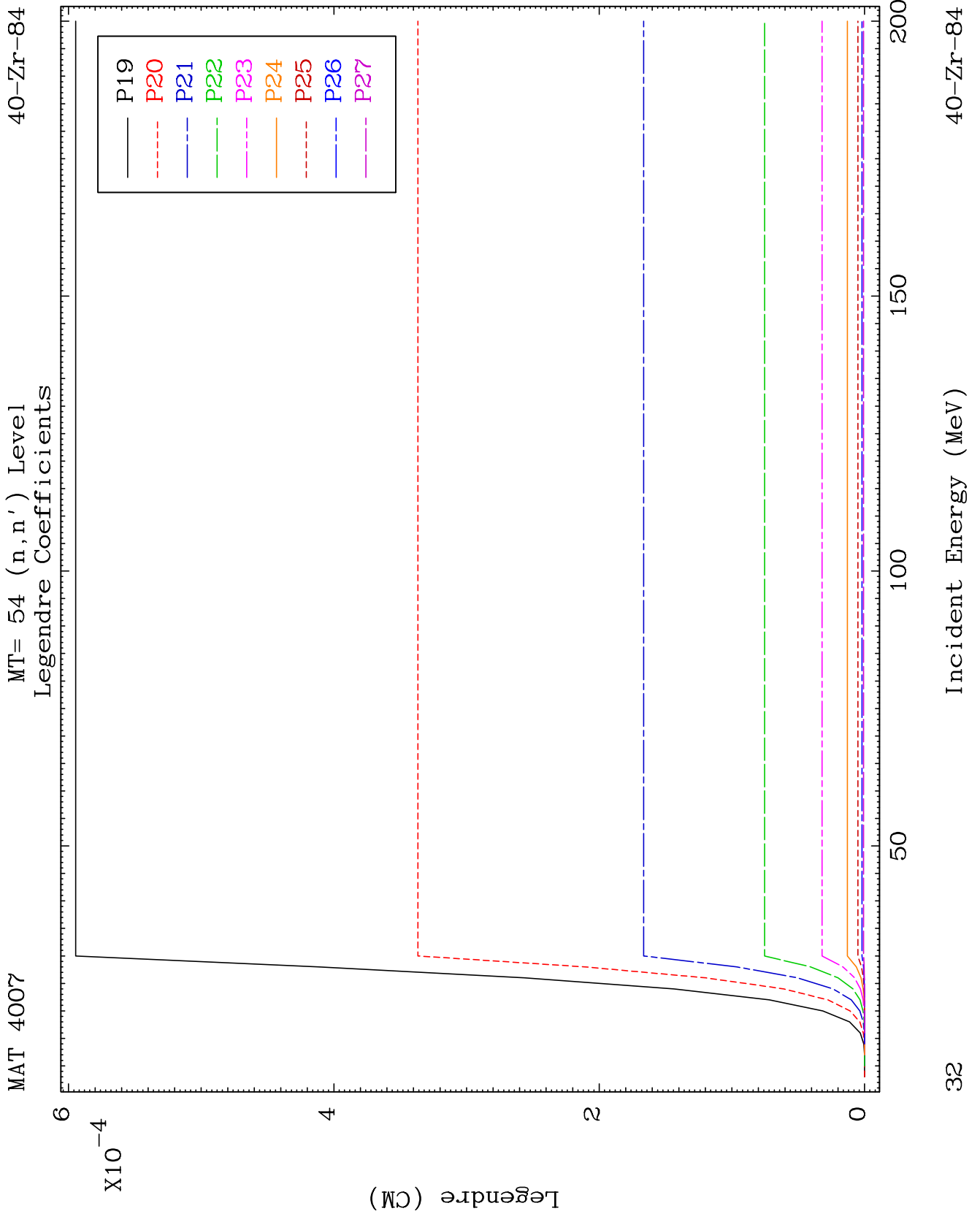
40-Zr-84



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Incident Energy (MeV)

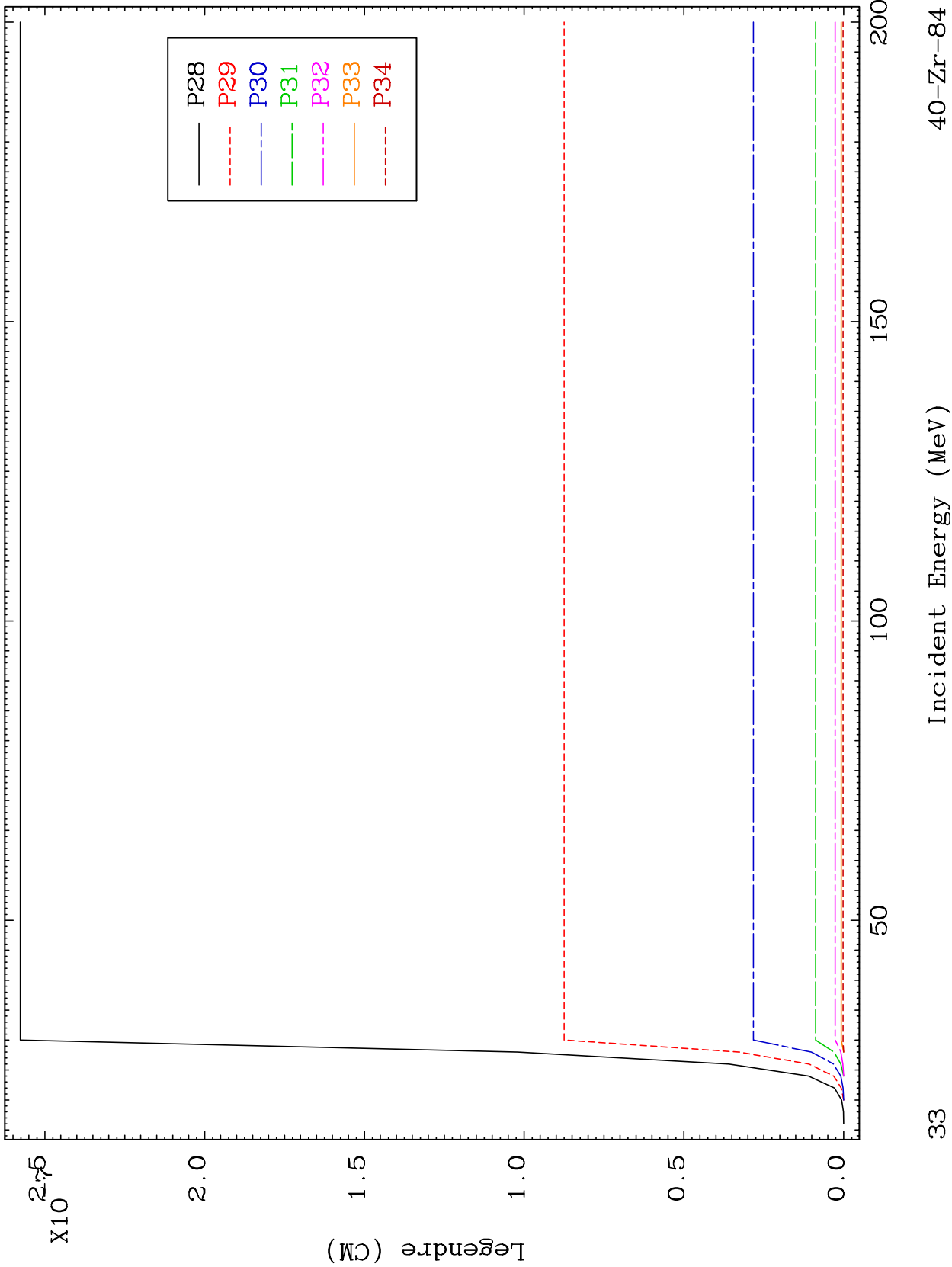
40-Zr-84



MAT 4007

MT= 54 (n,n') Level  
Legendre Coefficients

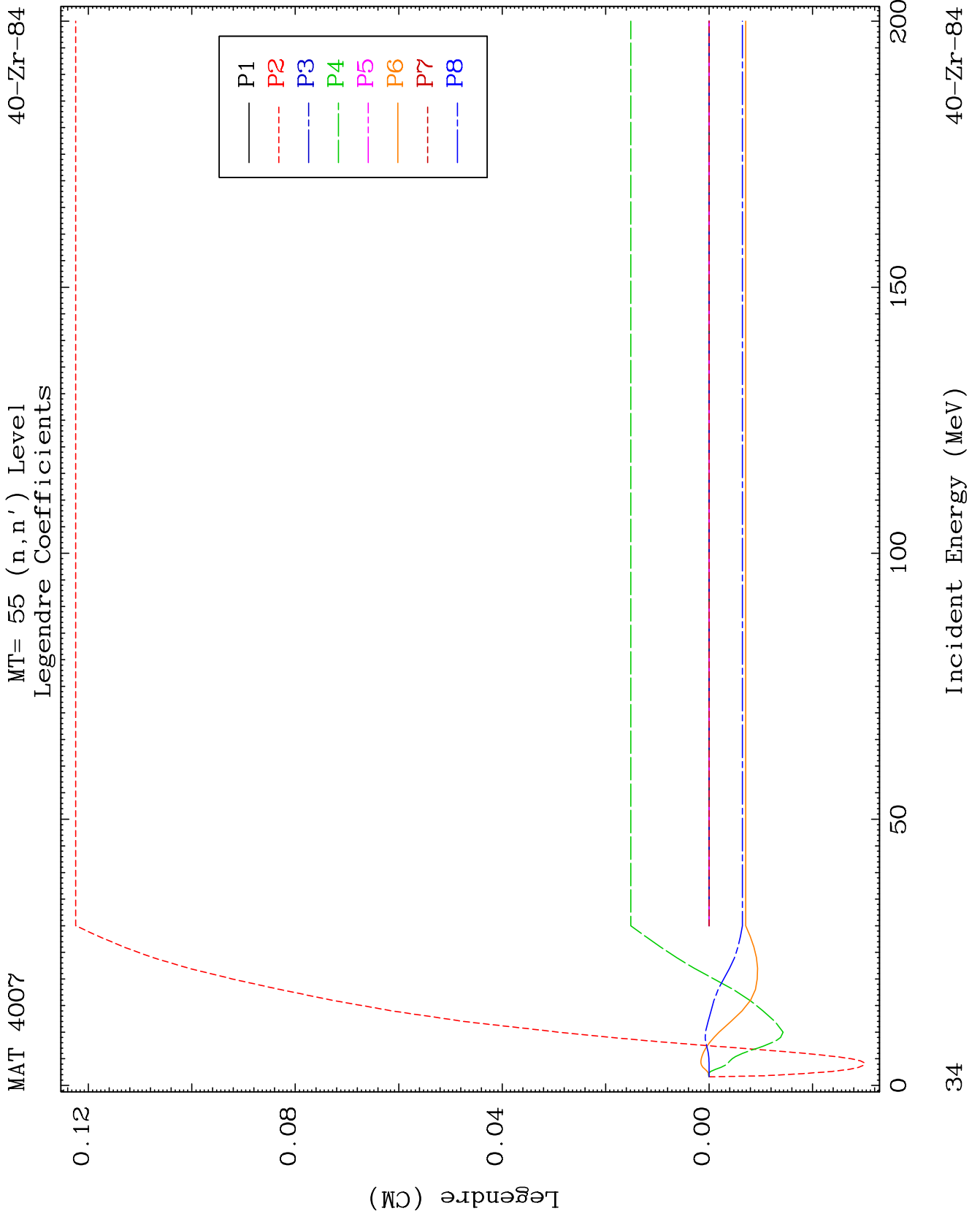
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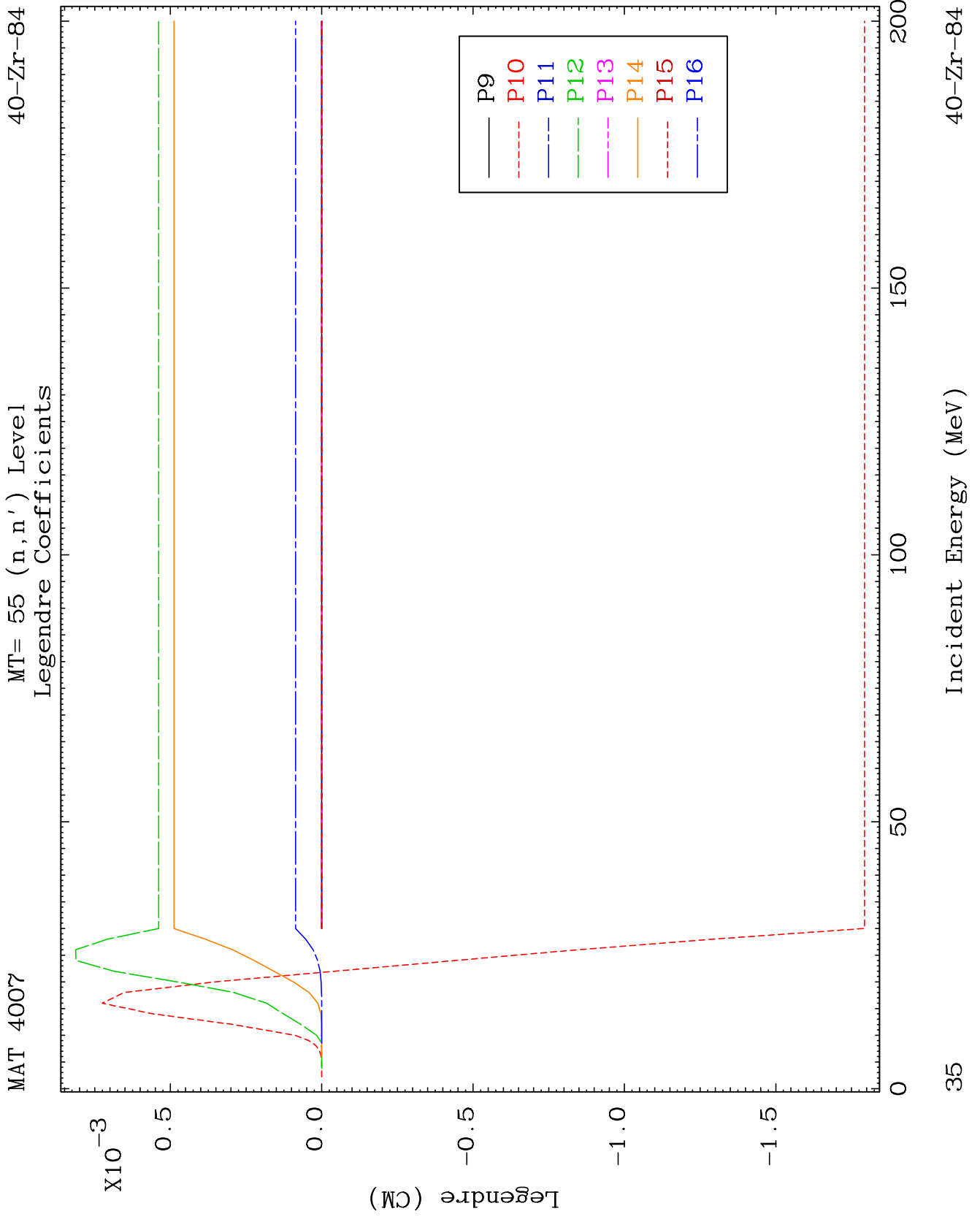


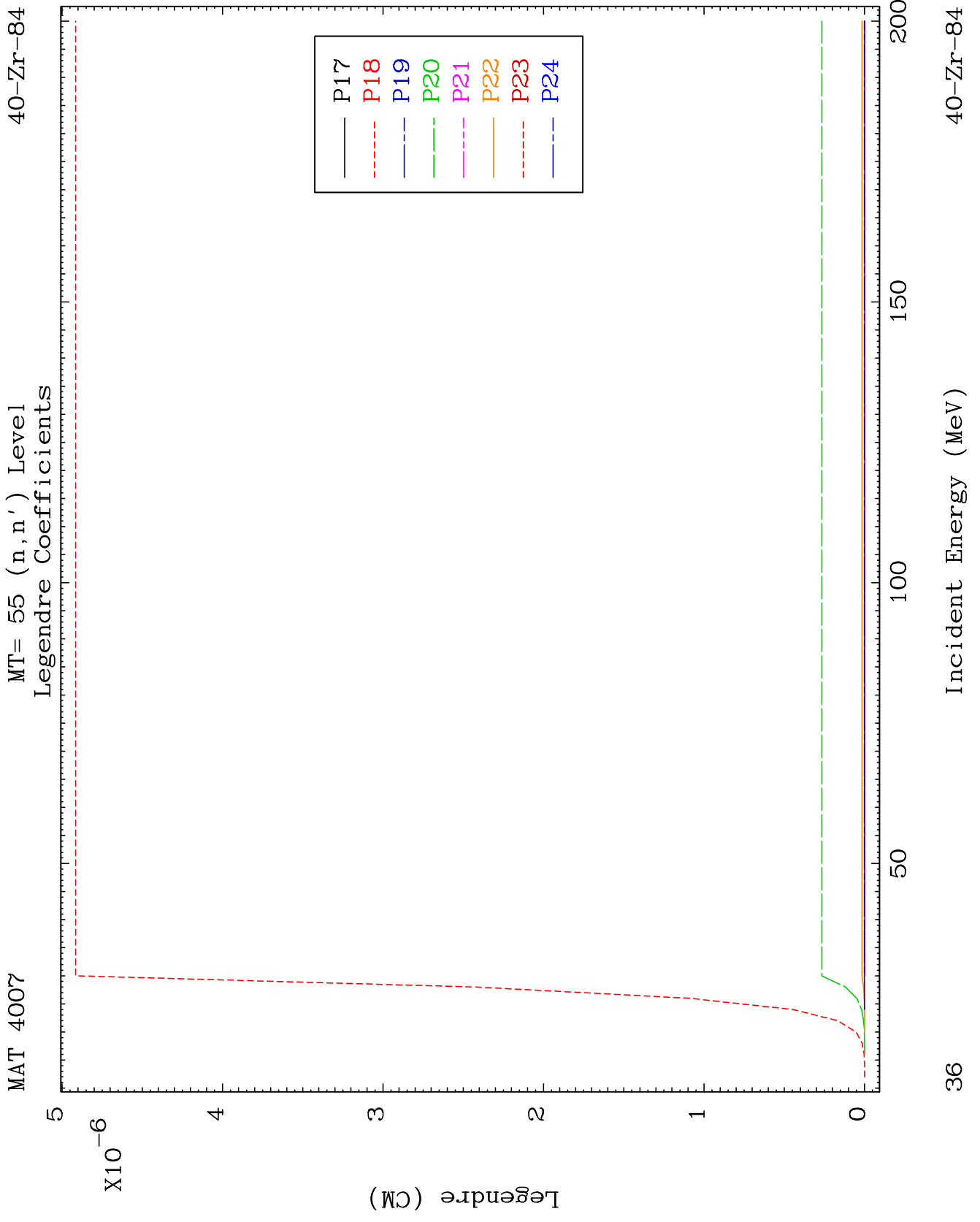
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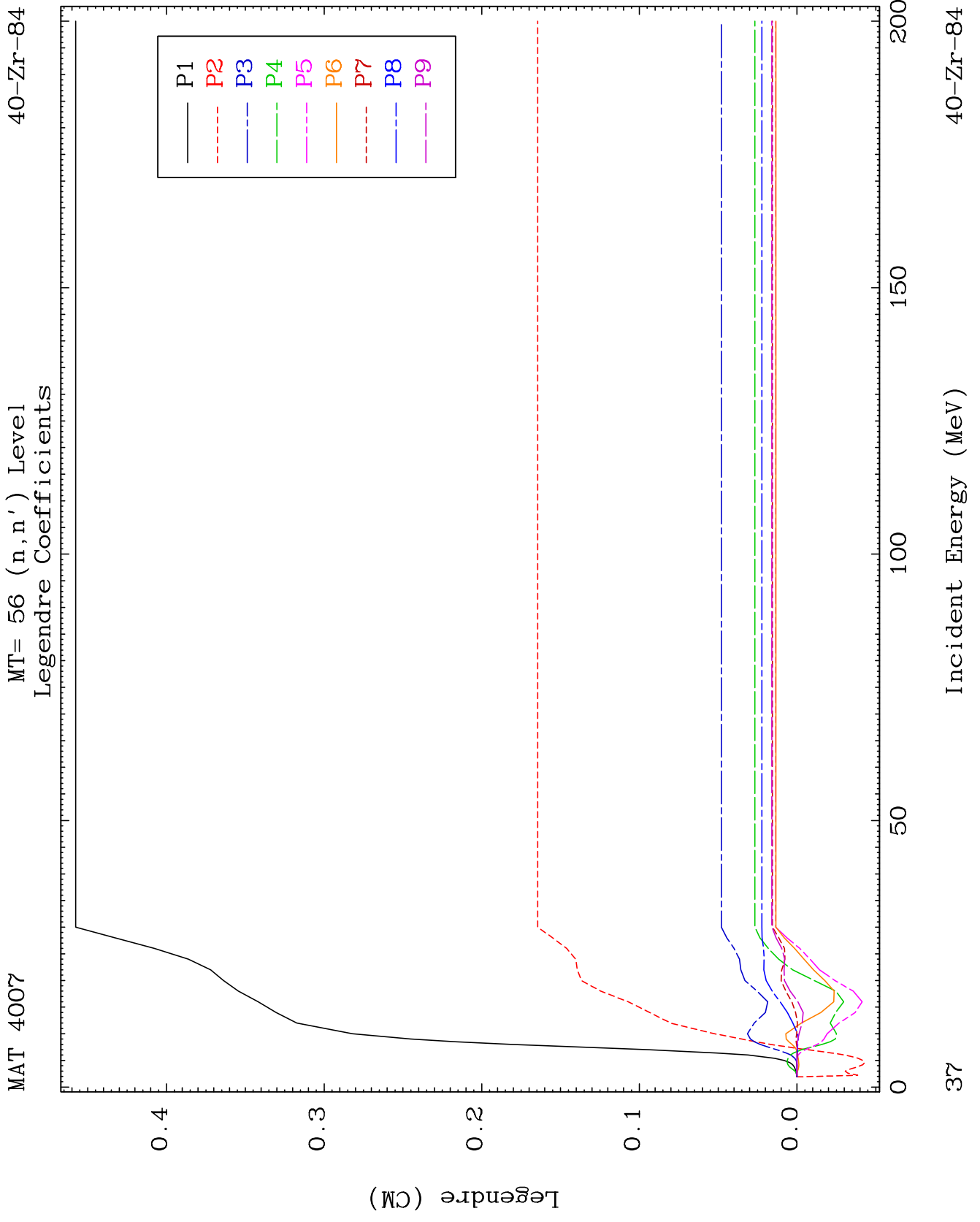
Incident Energy (MeV)

40-Zr-84





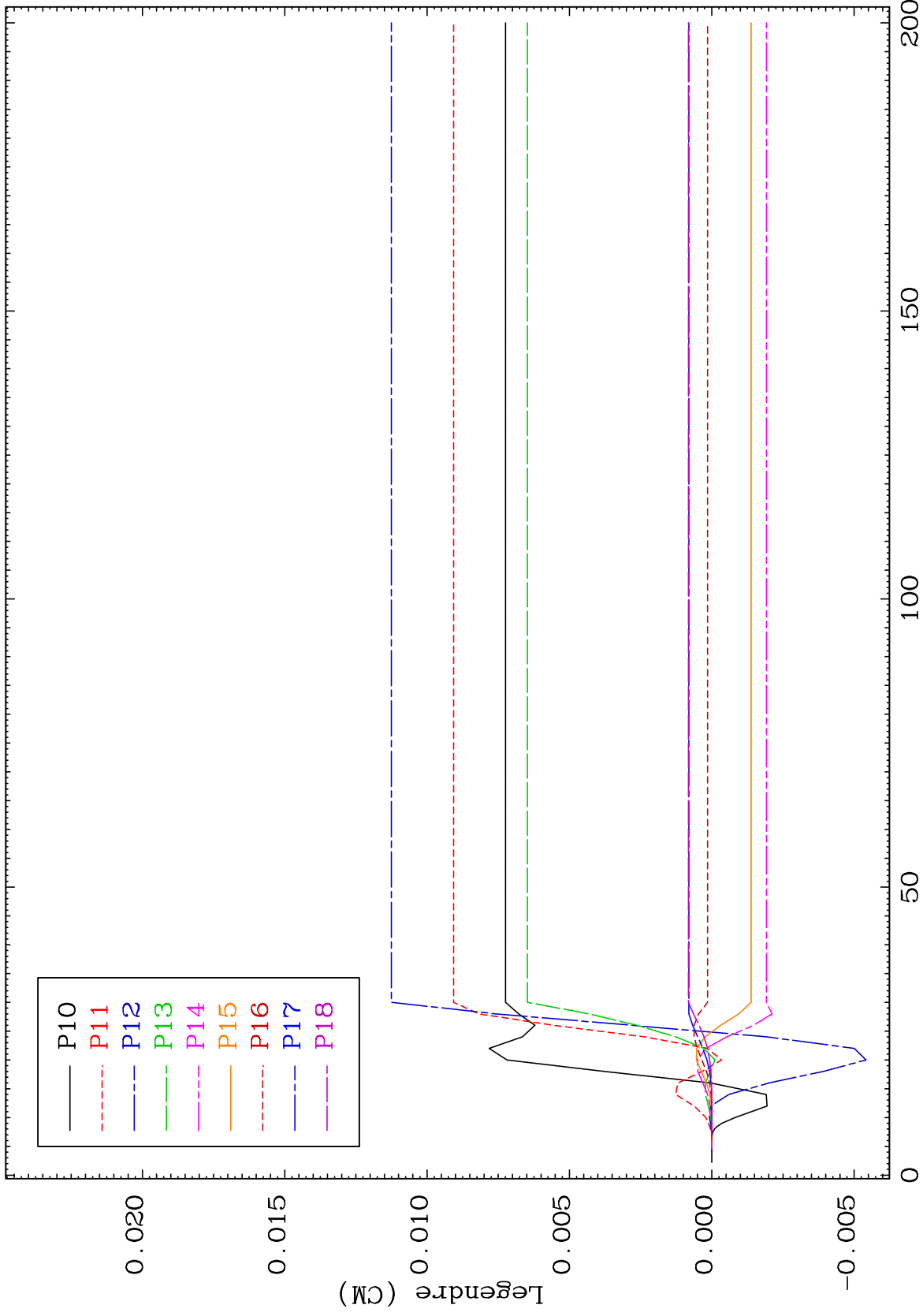




MAT 4007

MT= 56 (n,n') Level  
Legendre Coefficients

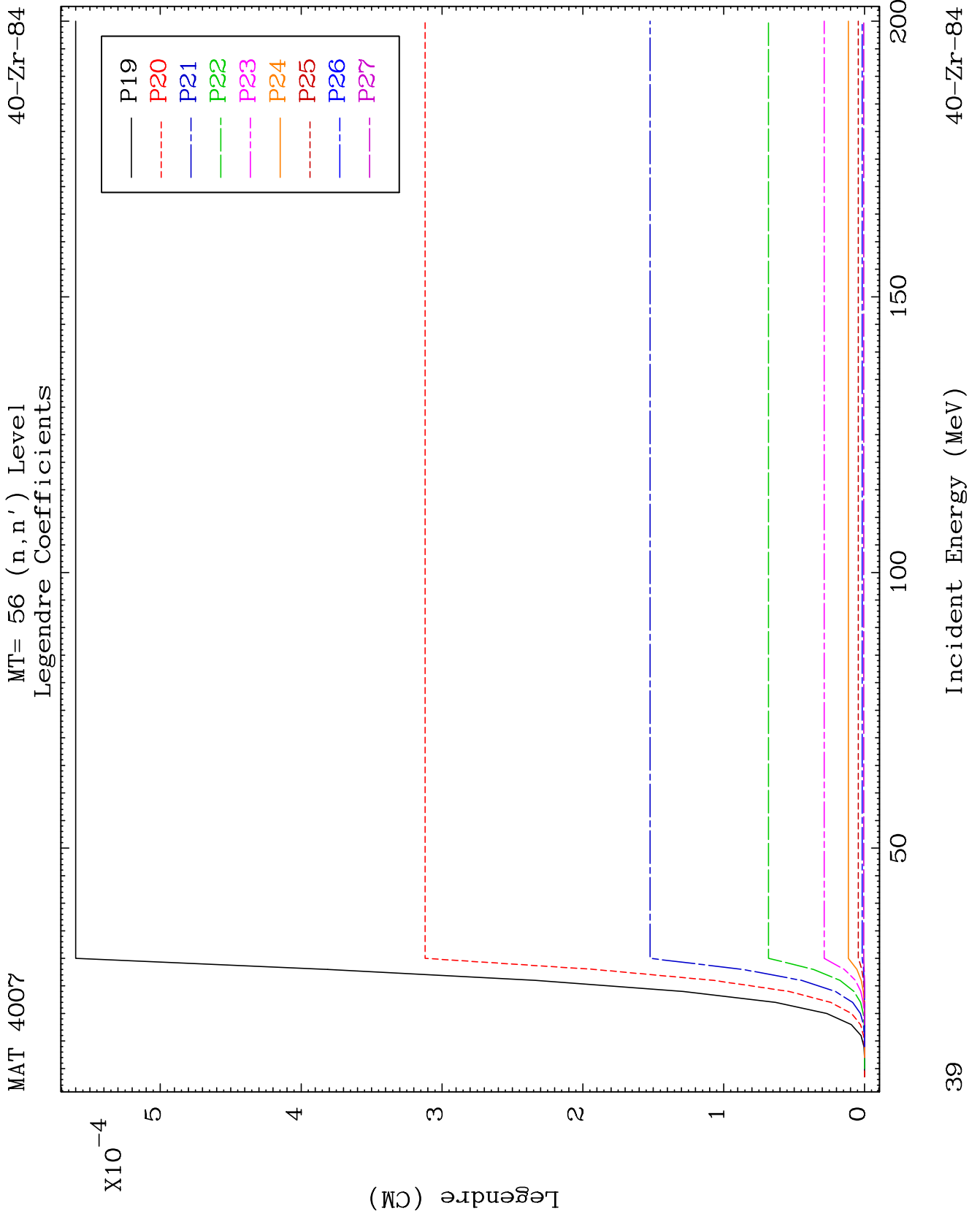
40-Zr-84



38

Incident Energy (MeV)

40-Zr-84



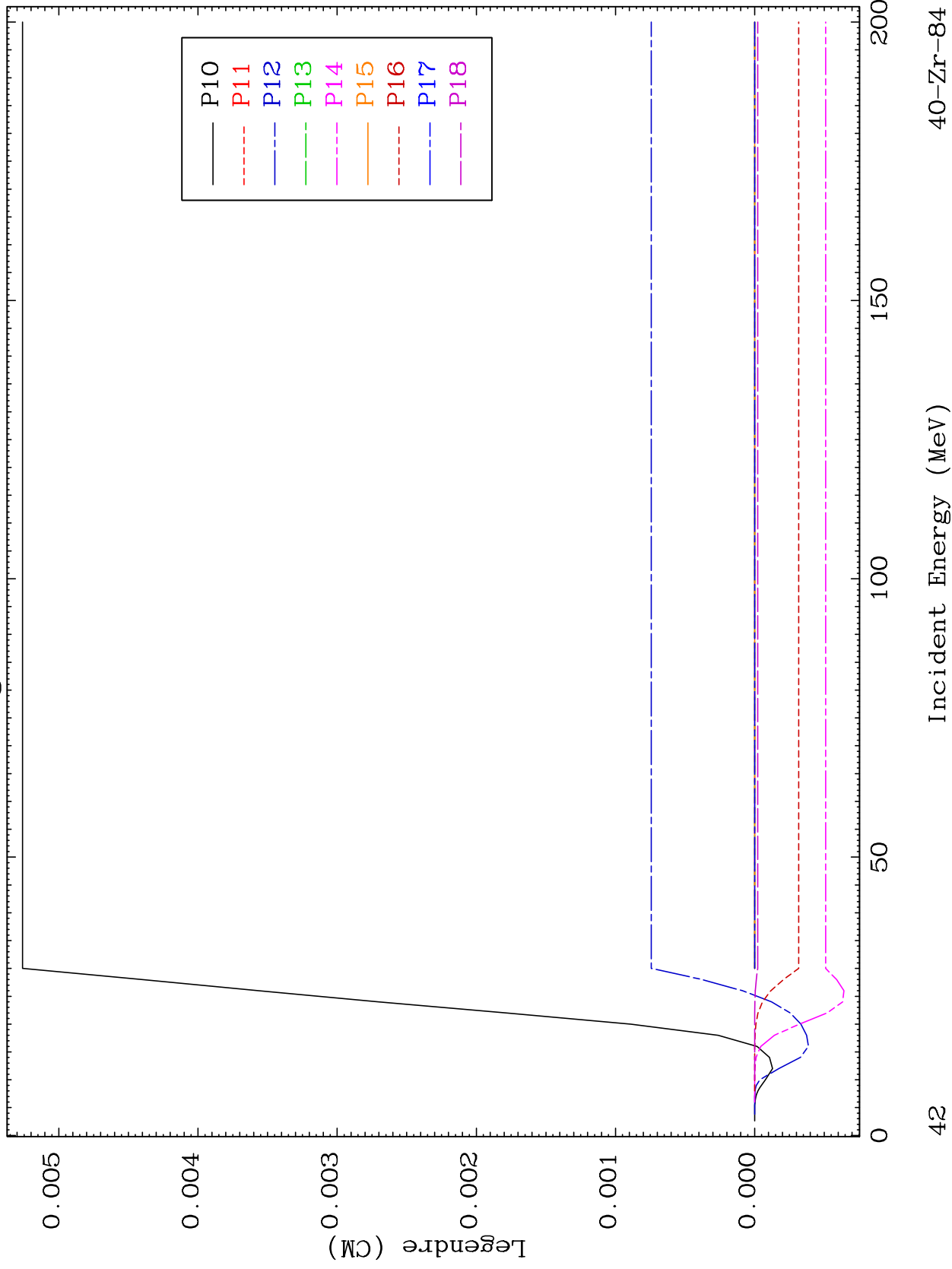


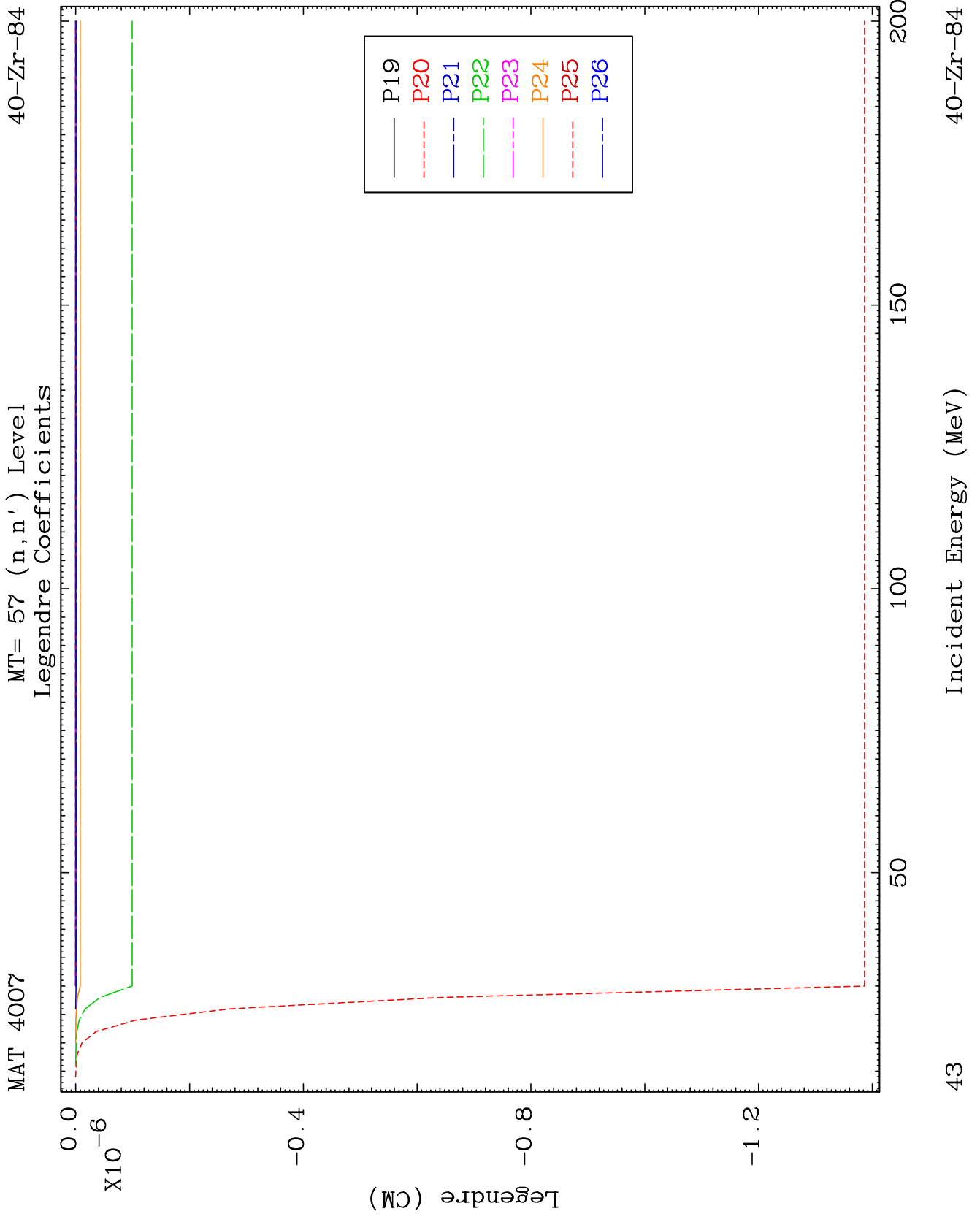


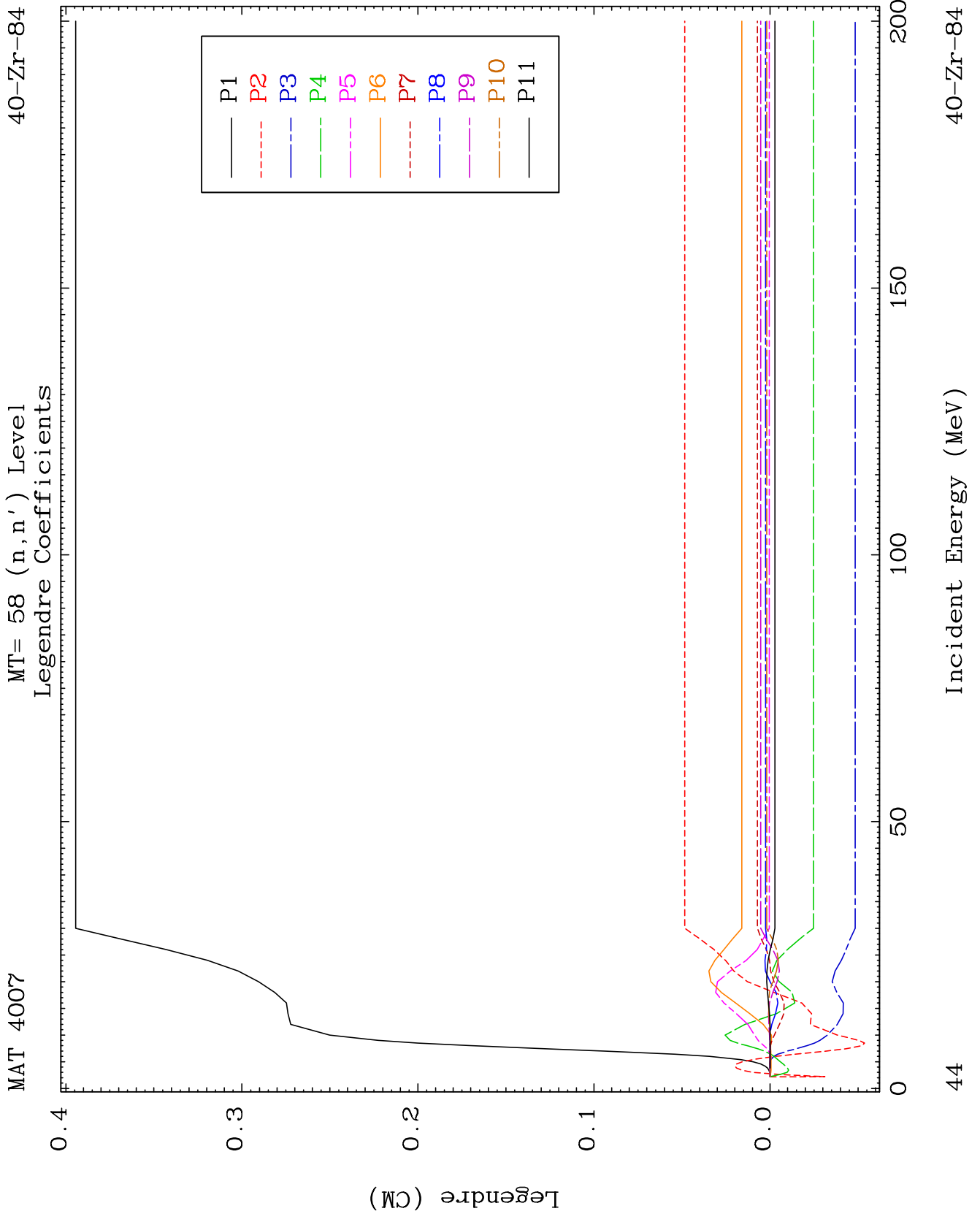
MAT 4007

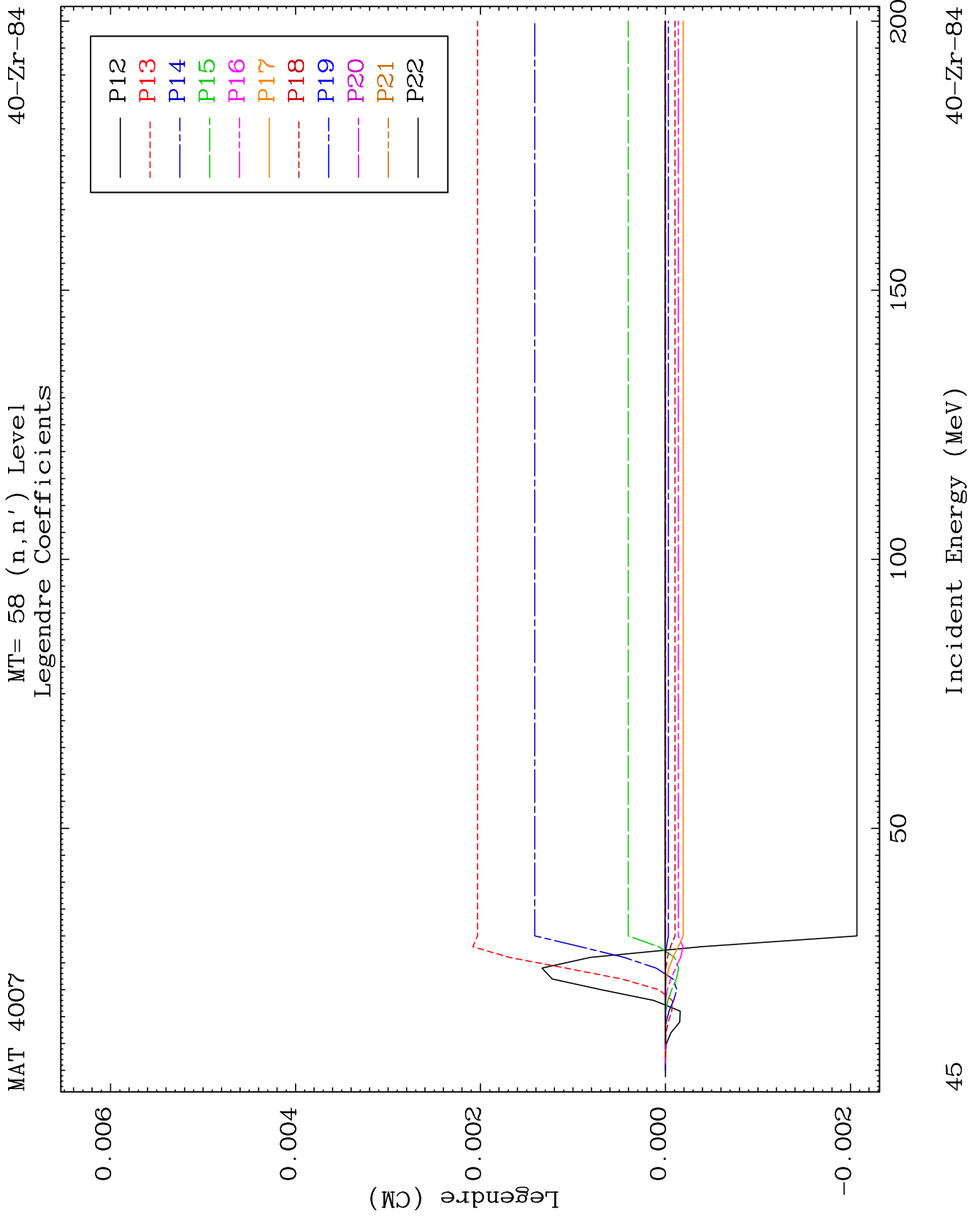
MT= 57 (n,n') Level  
Legendre Coefficients

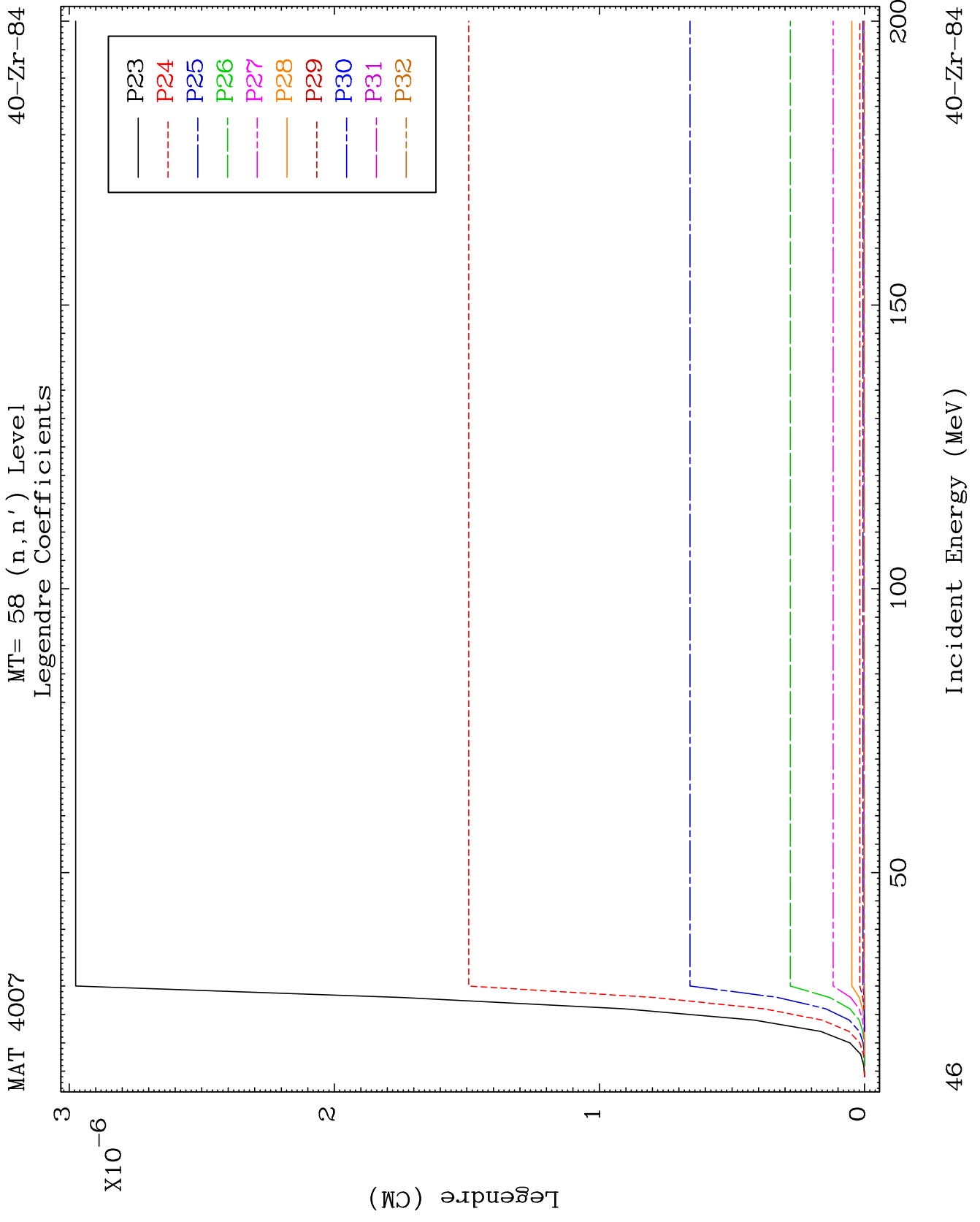
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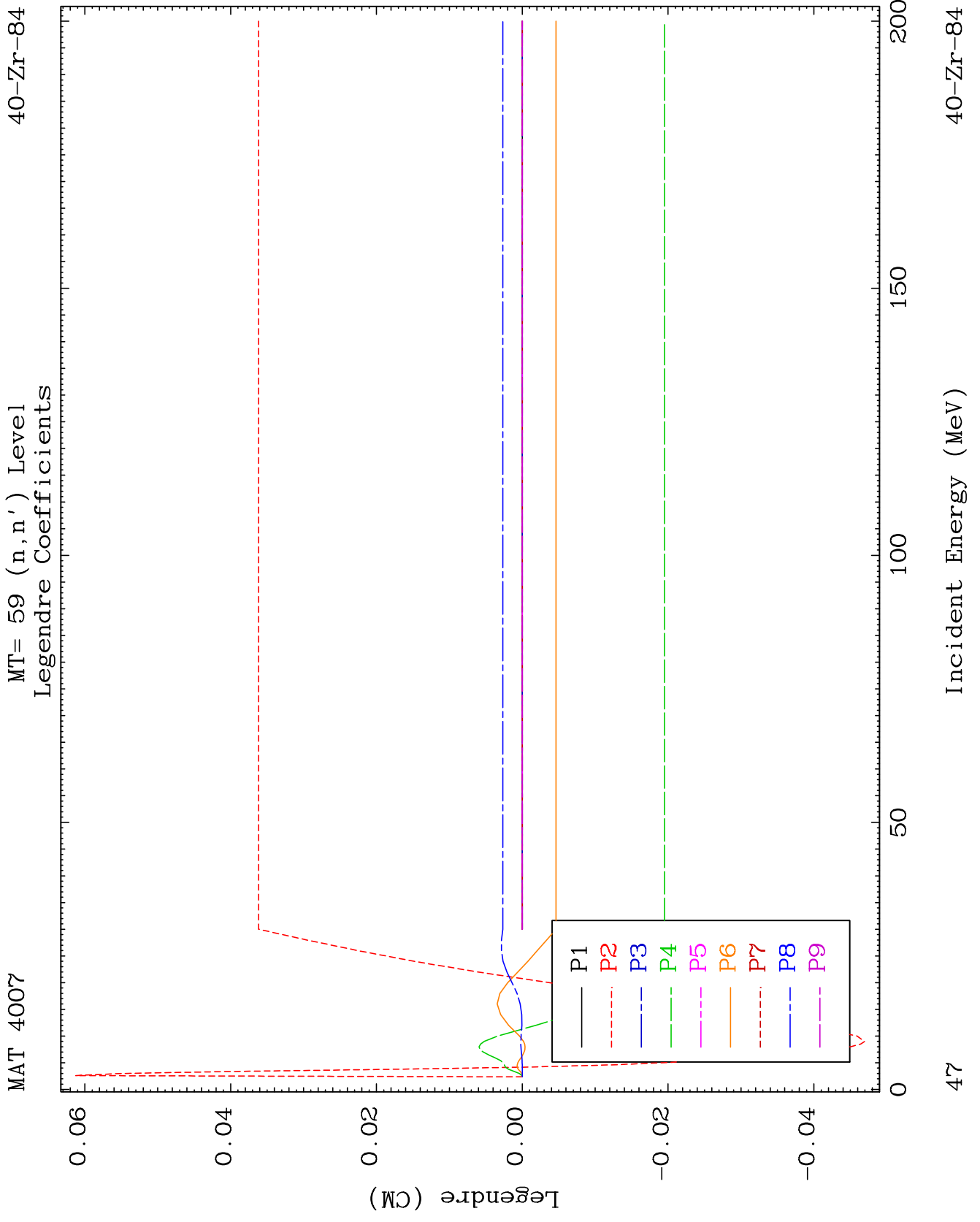








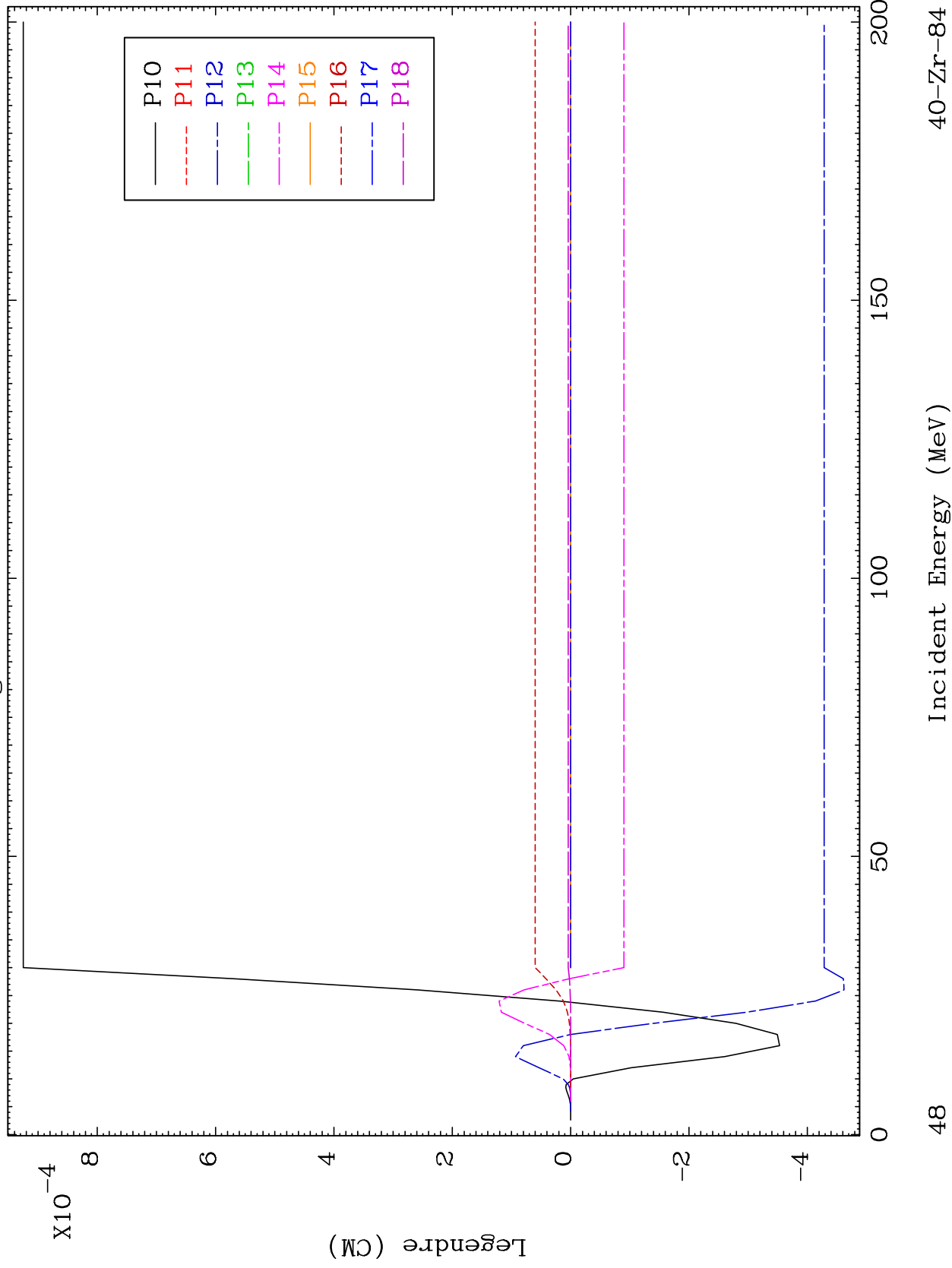




MAT 4007

MT= 59 (n,n') Level  
Legendre Coefficients

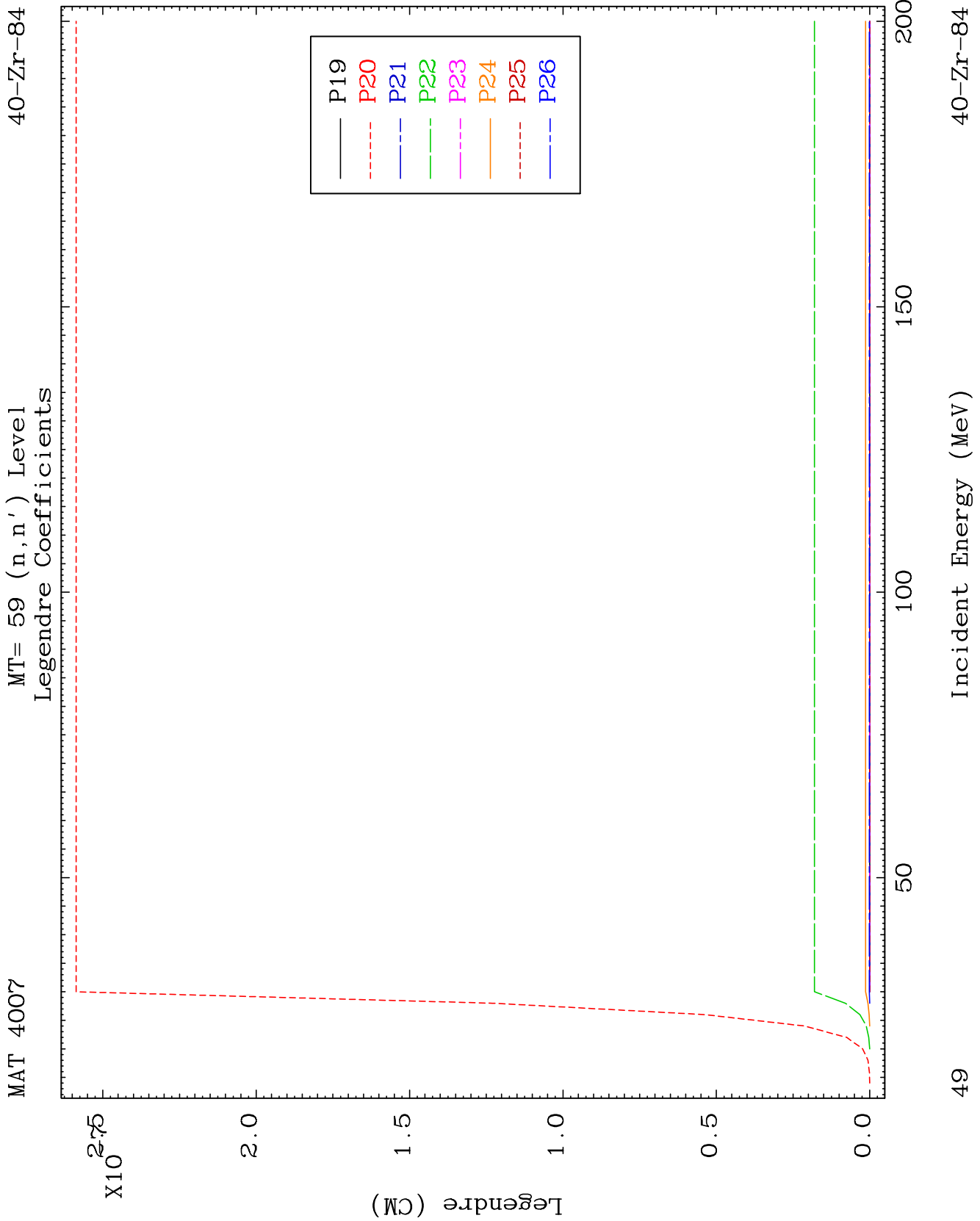
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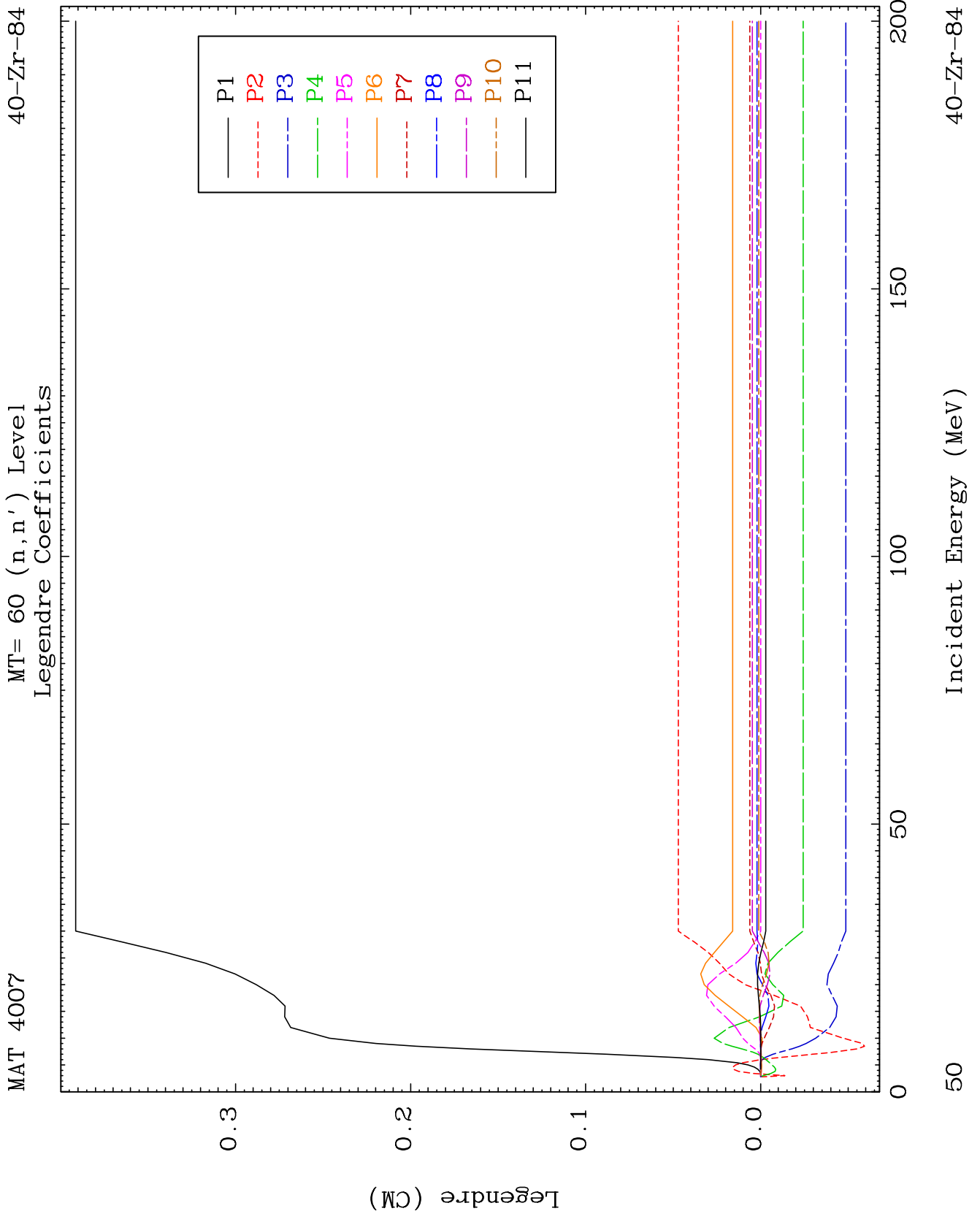


48

Incident Energy (MeV)

40-Zr-84

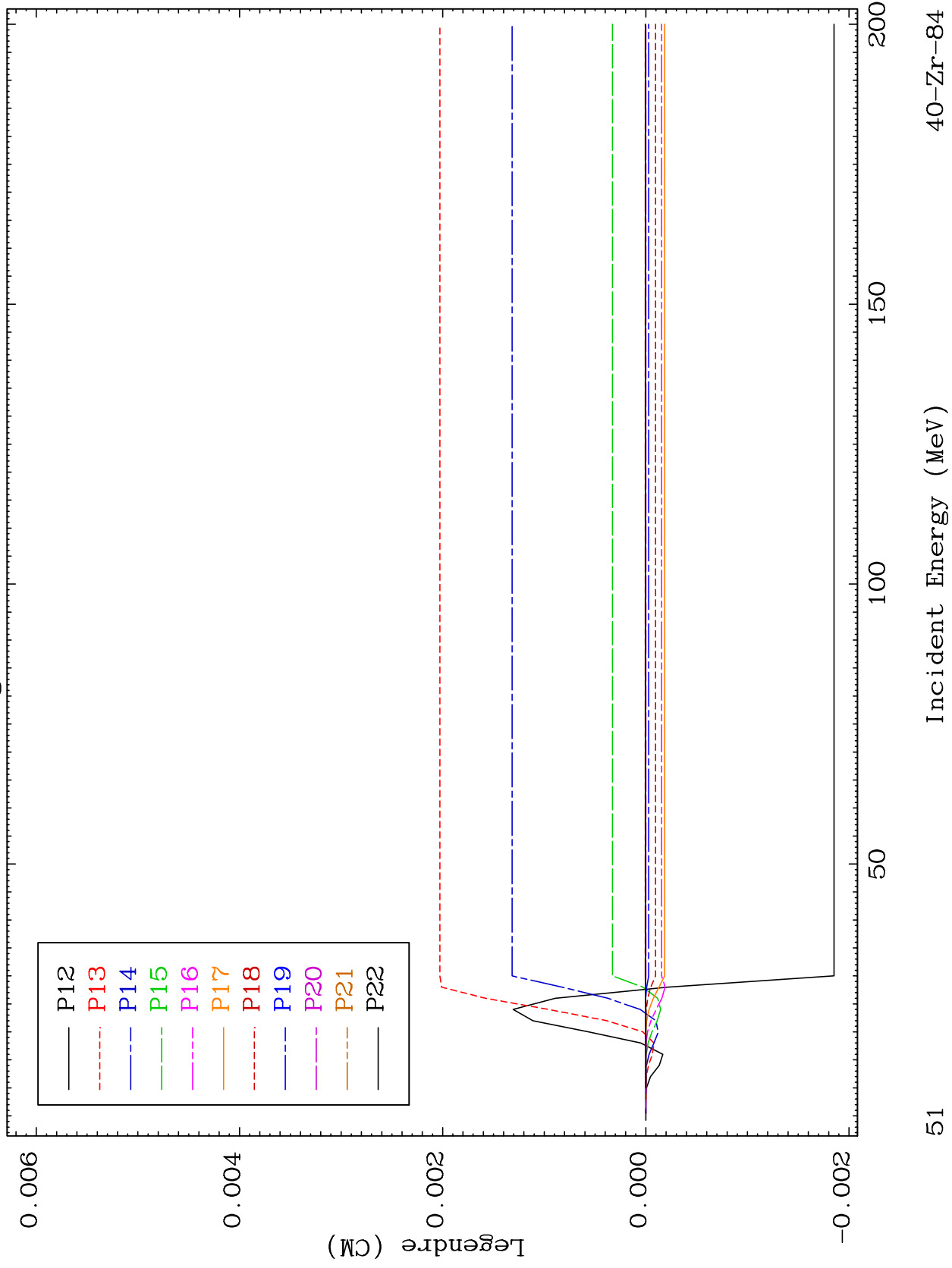


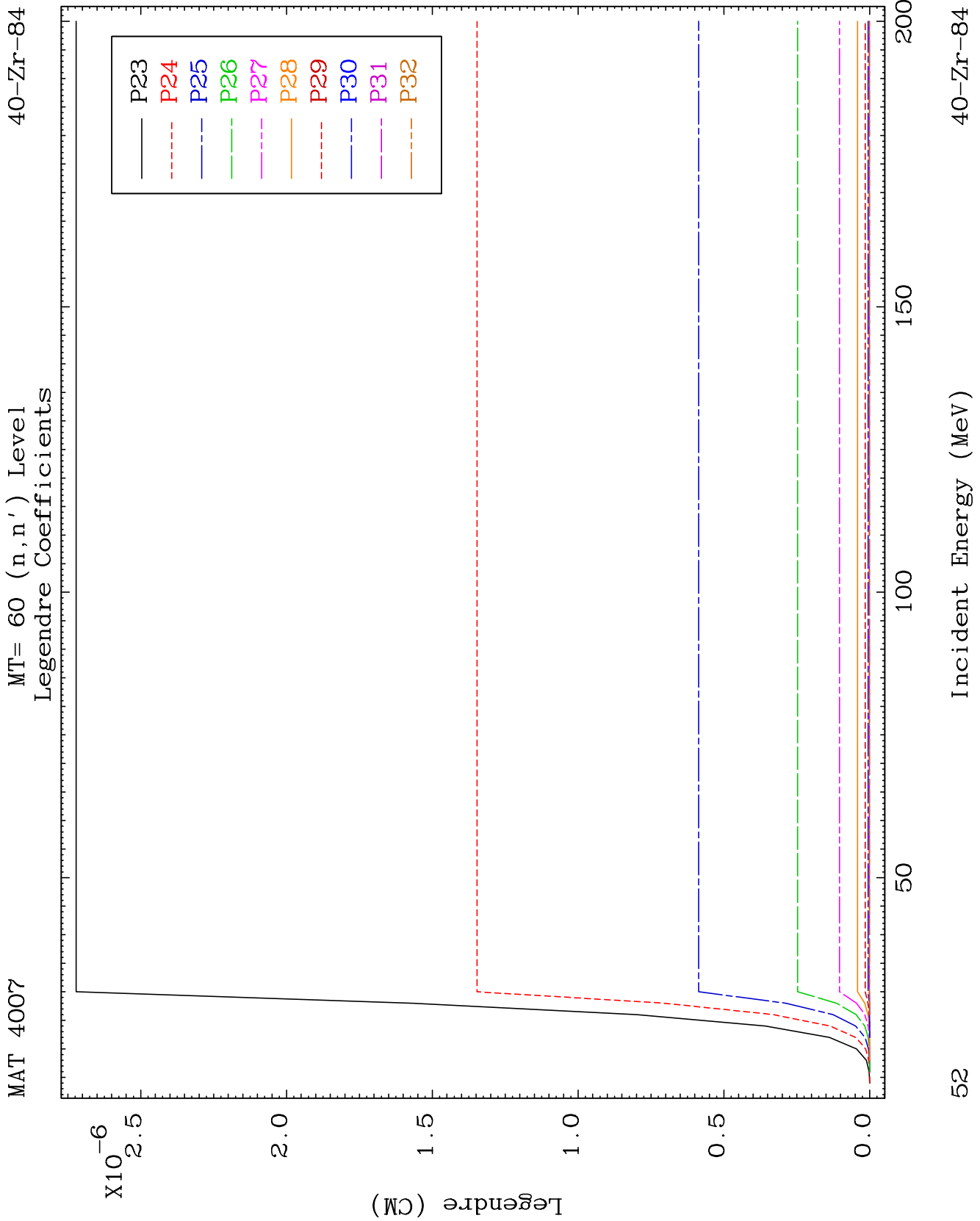


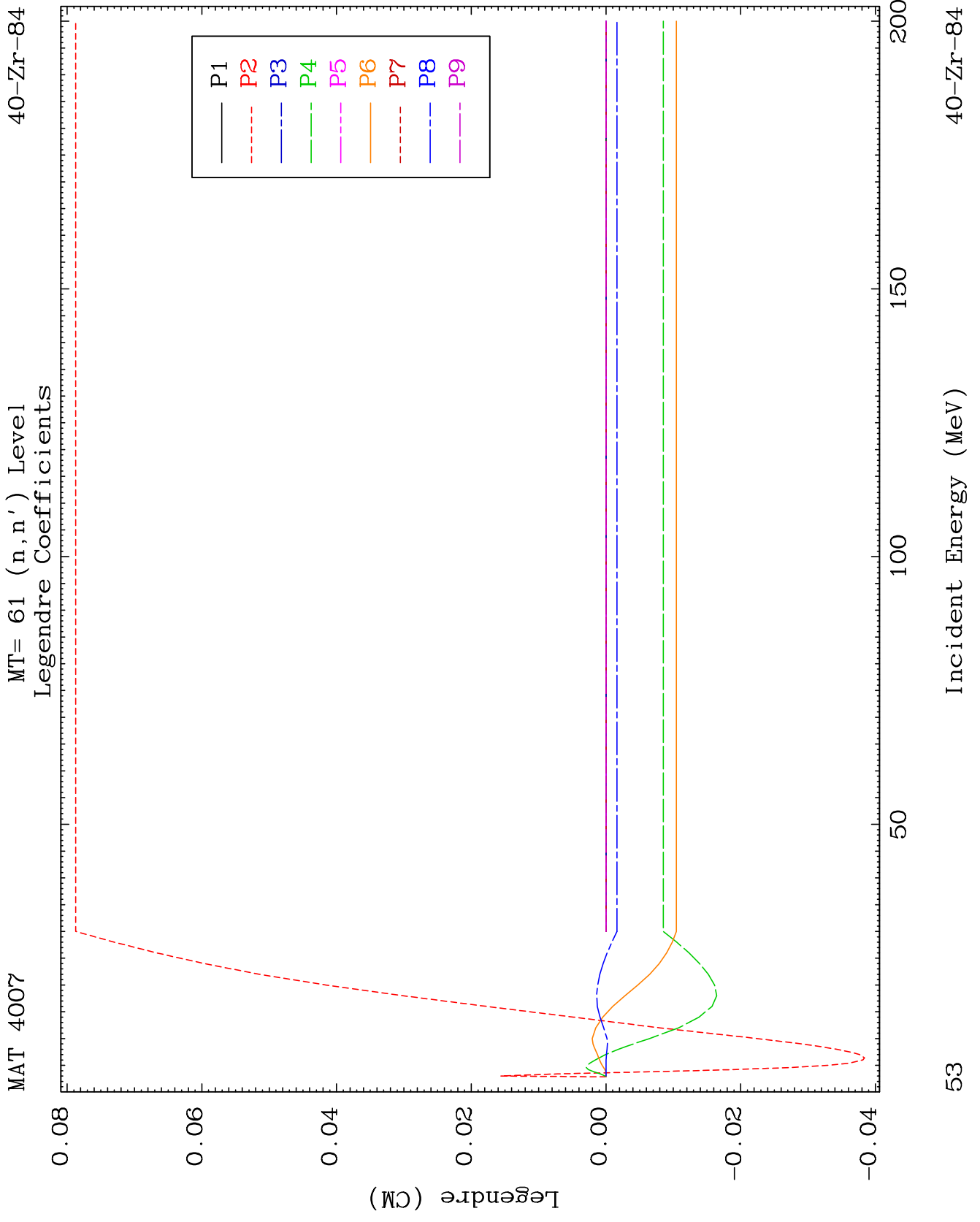
MAT 4007

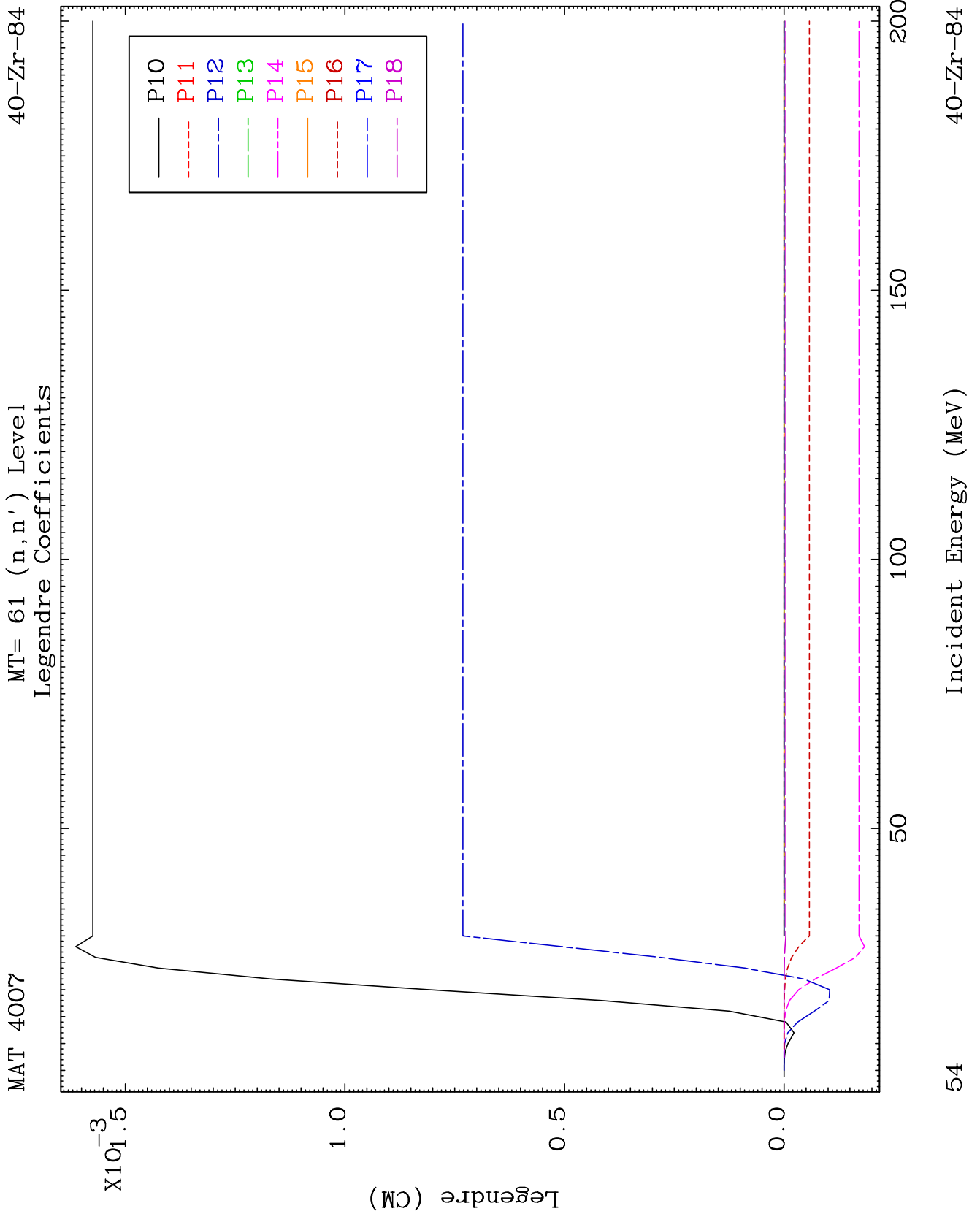
MT= 60 (n,n') Level  
Legendre Coefficients

40-Zr-84









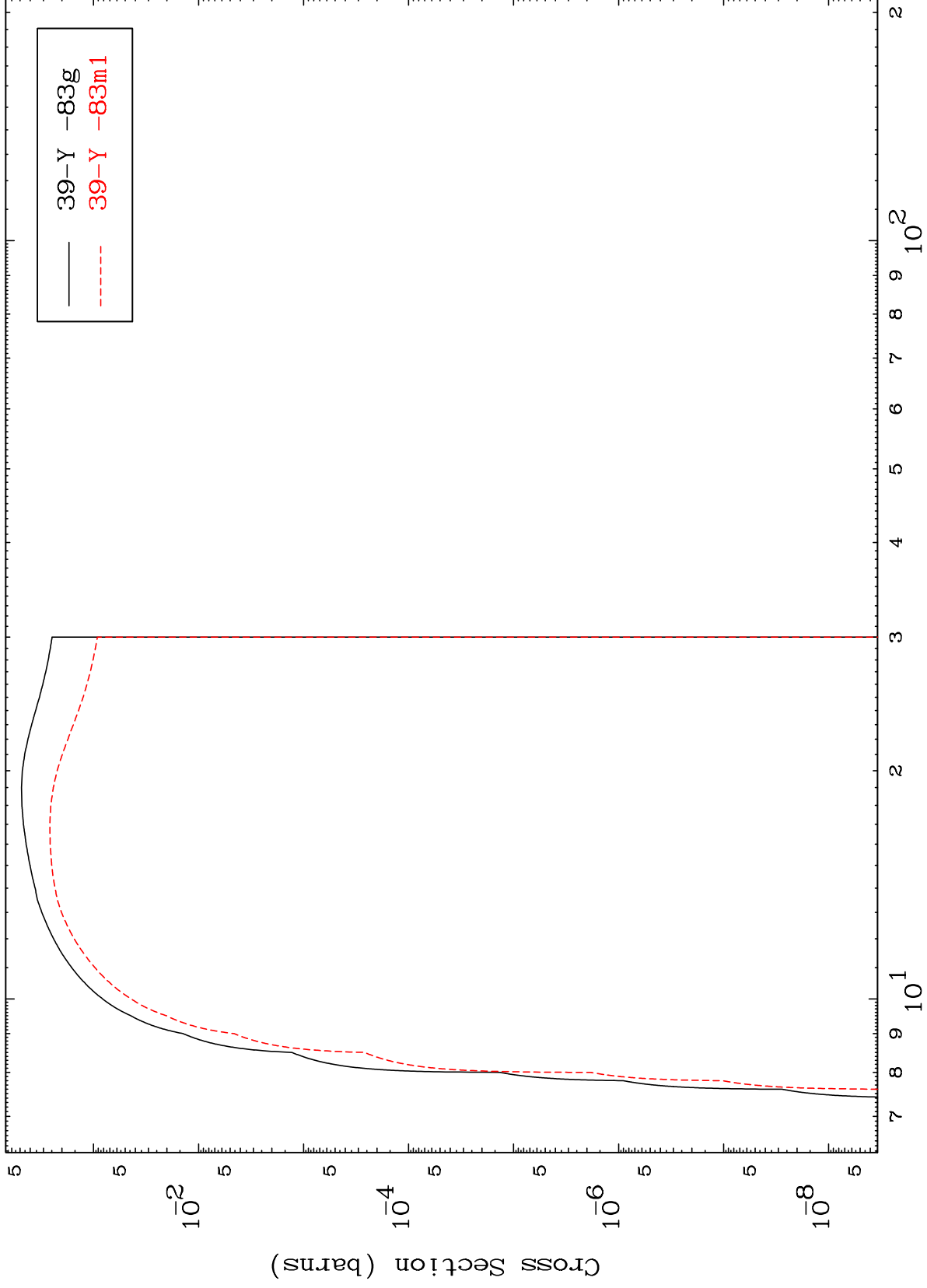


MAT 4007

(n,n') p

40-Zr-84

Radionuclide Production Cross Section



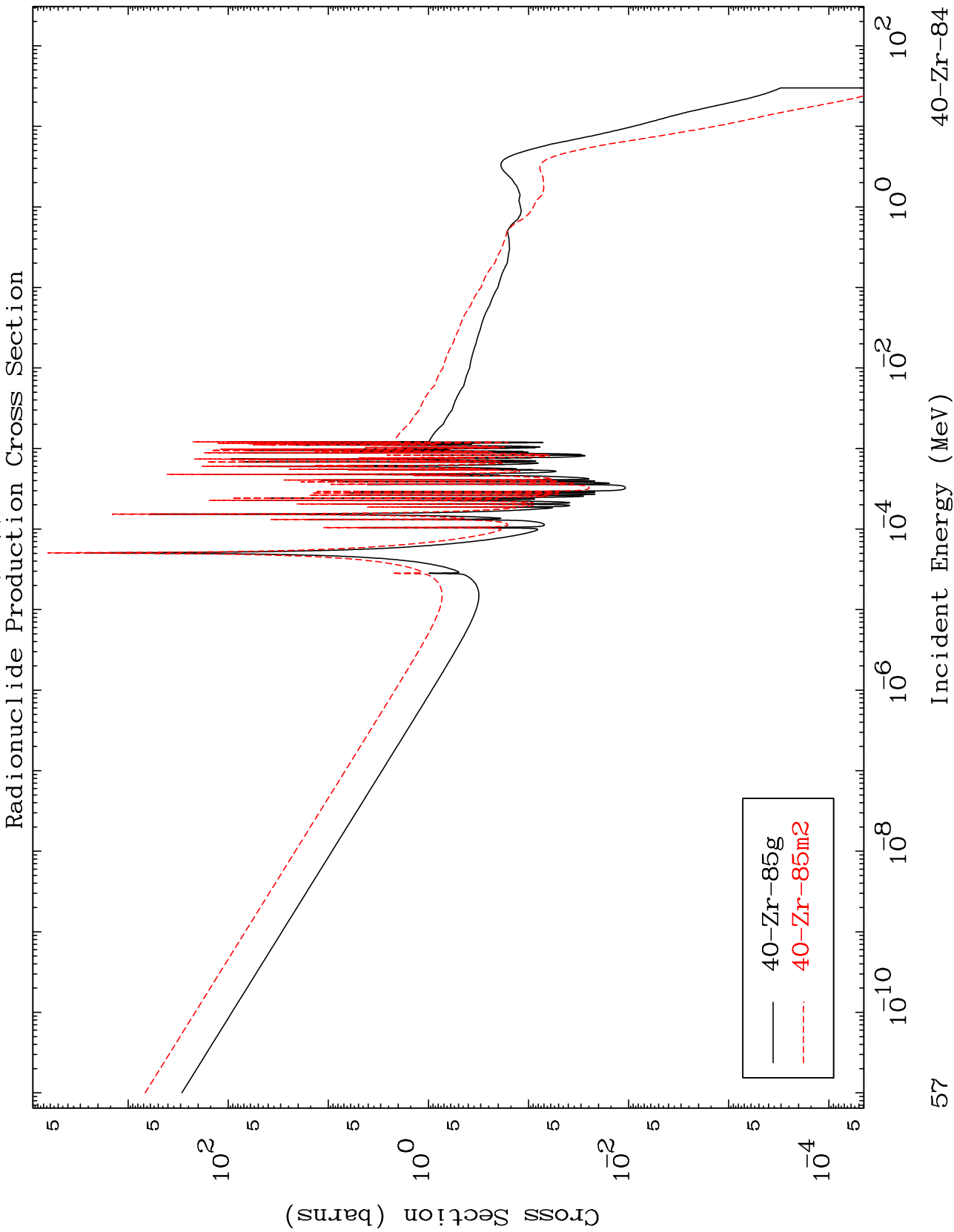
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Incident Energy (MeV)

40-Zr-84

MAT 4007

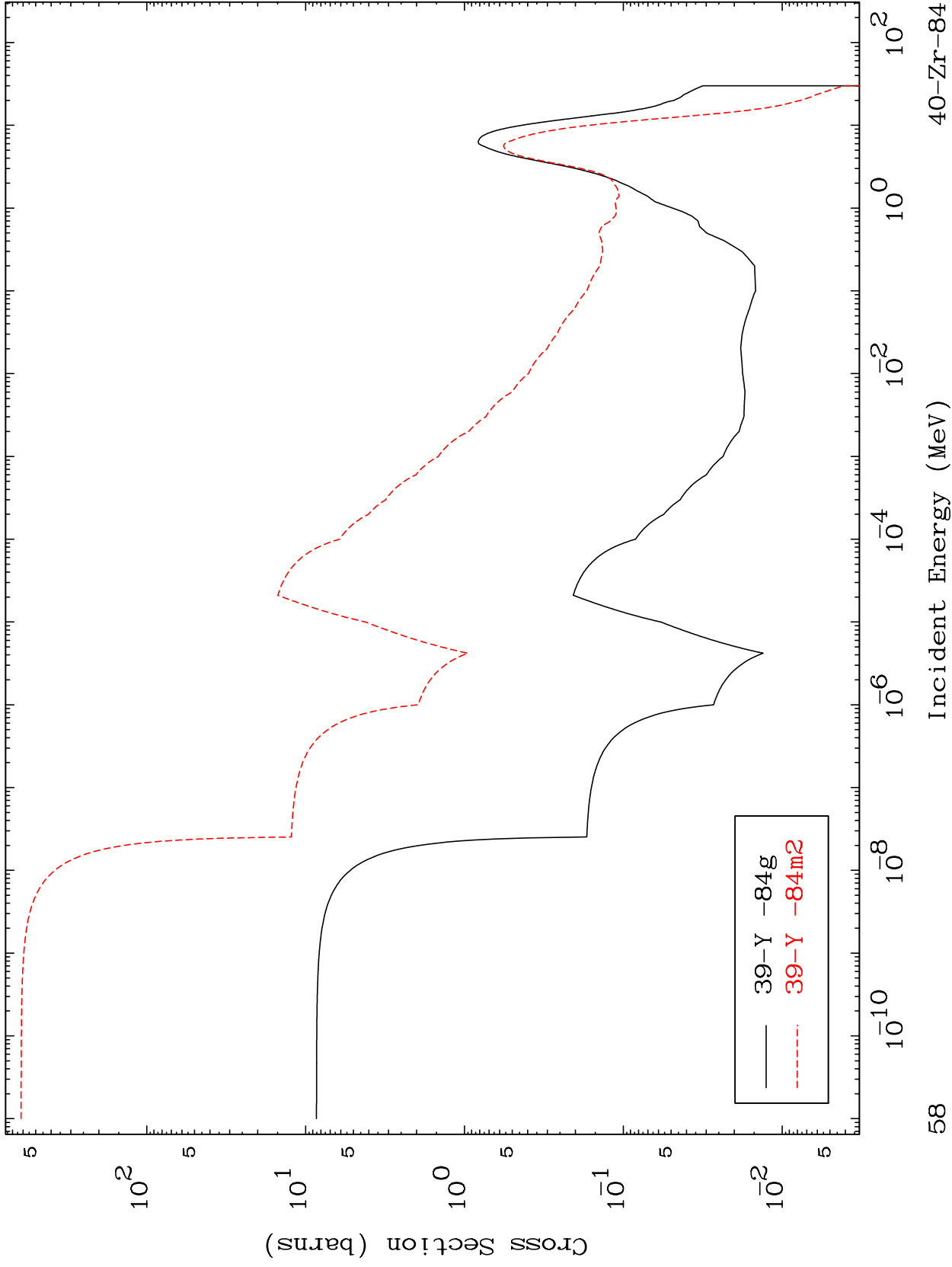
40-Zr-84



MAT 4007

40-Zr-84

(n,p)  
Radionuclide Production Cross Section



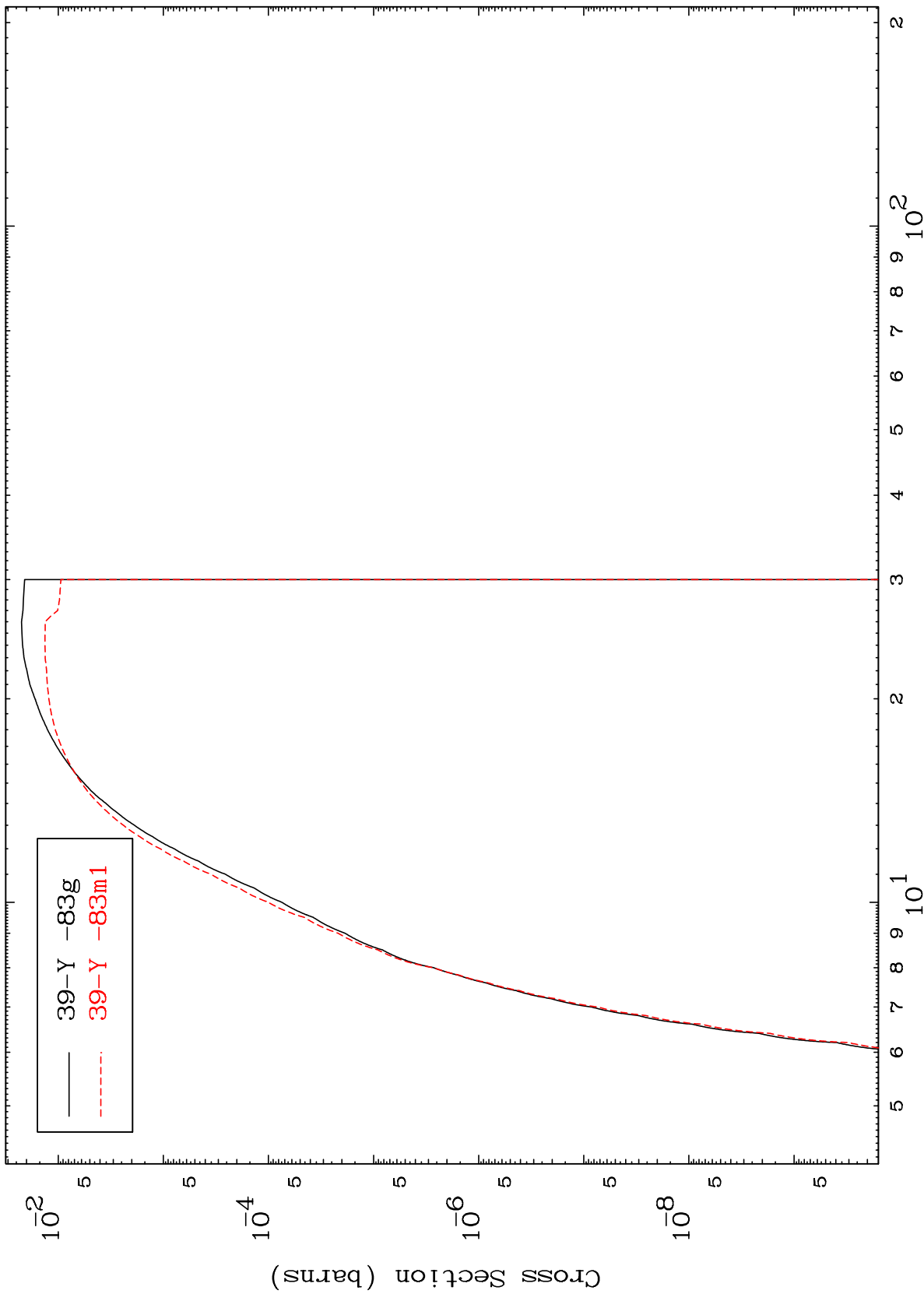
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40-Zr-84

MAT 4007

40-Zr-84

(n,d)  
Radionuclide Production Cross Section



Incident Energy (MeV)

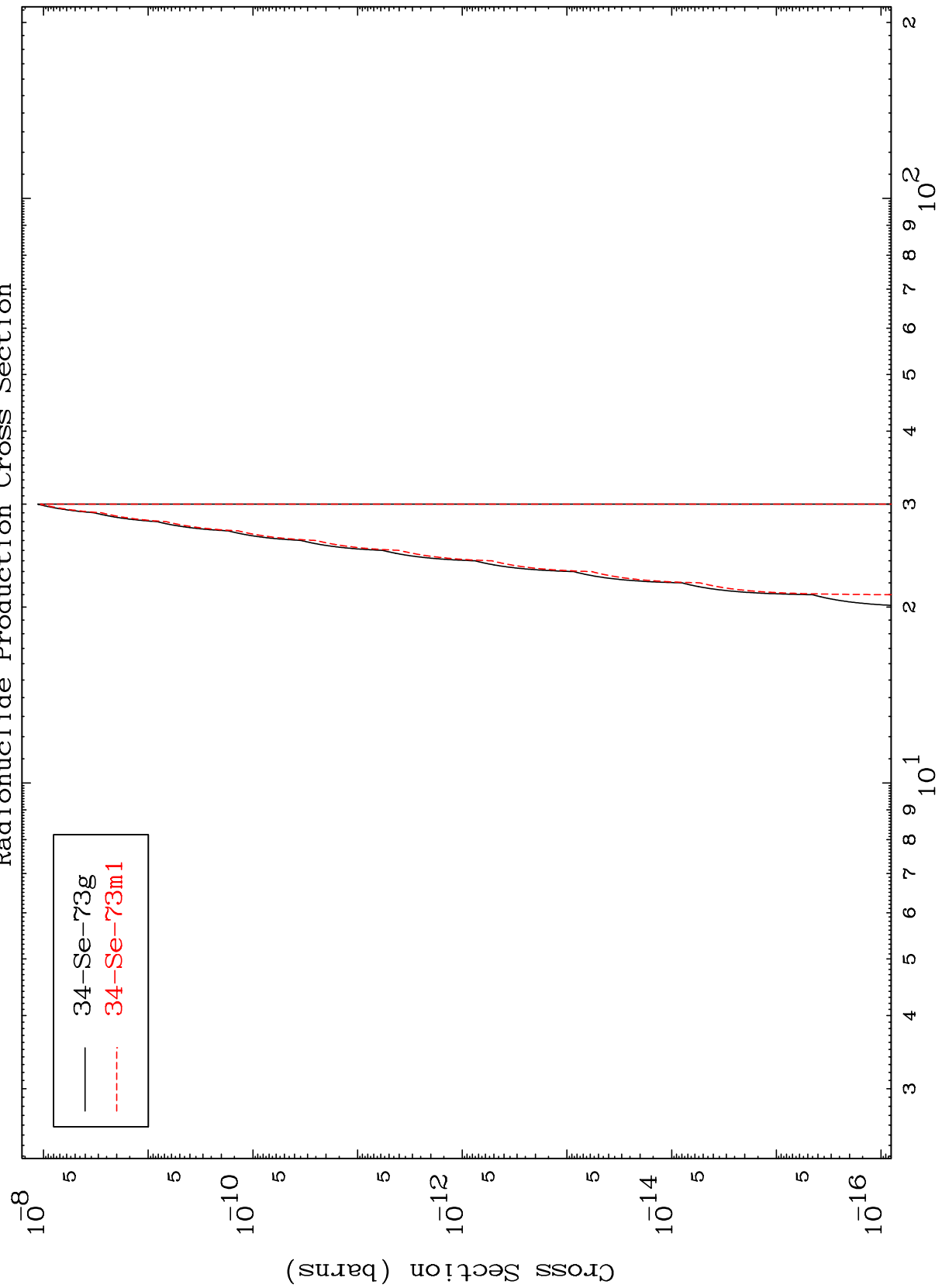
40-Zr-84

59

MAT 4007

40-Zr-84

Radionuclide Production Cross Section  
(n, 3 $\alpha$ )



— 34-Se-73g  
- - - 34-Se-73m1

Incident Energy (MeV)

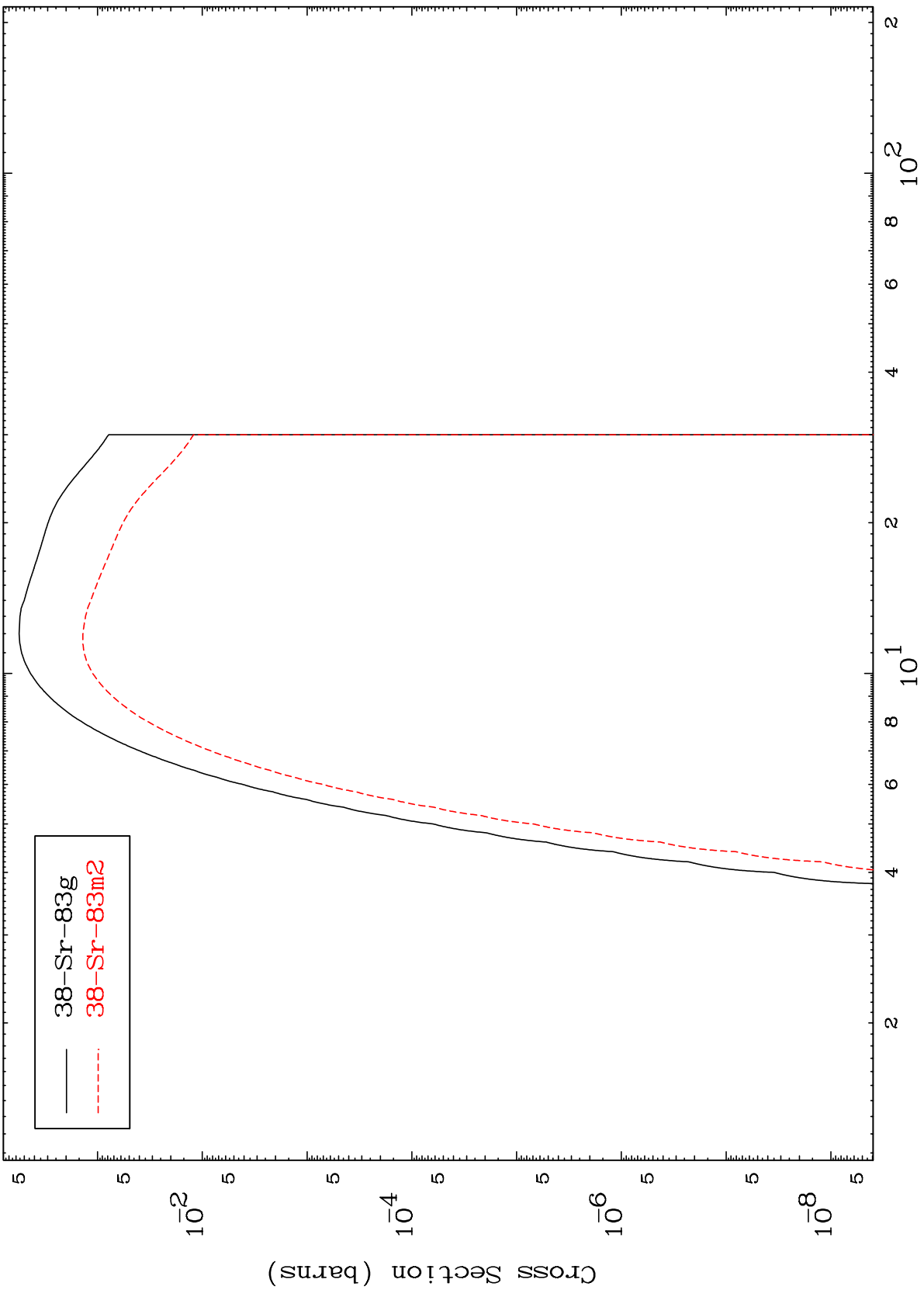
40-Zr-84

60

MAT 4007

40-Zr-84

(n,2p)  
Radionuclide Production Cross Section



— 38-Sr-83g  
- - - 38-Sr-83m2

61

Incident Energy (MeV)

40-Zr-84