

Program EVALPLOT  
(Version 2017-1)

by

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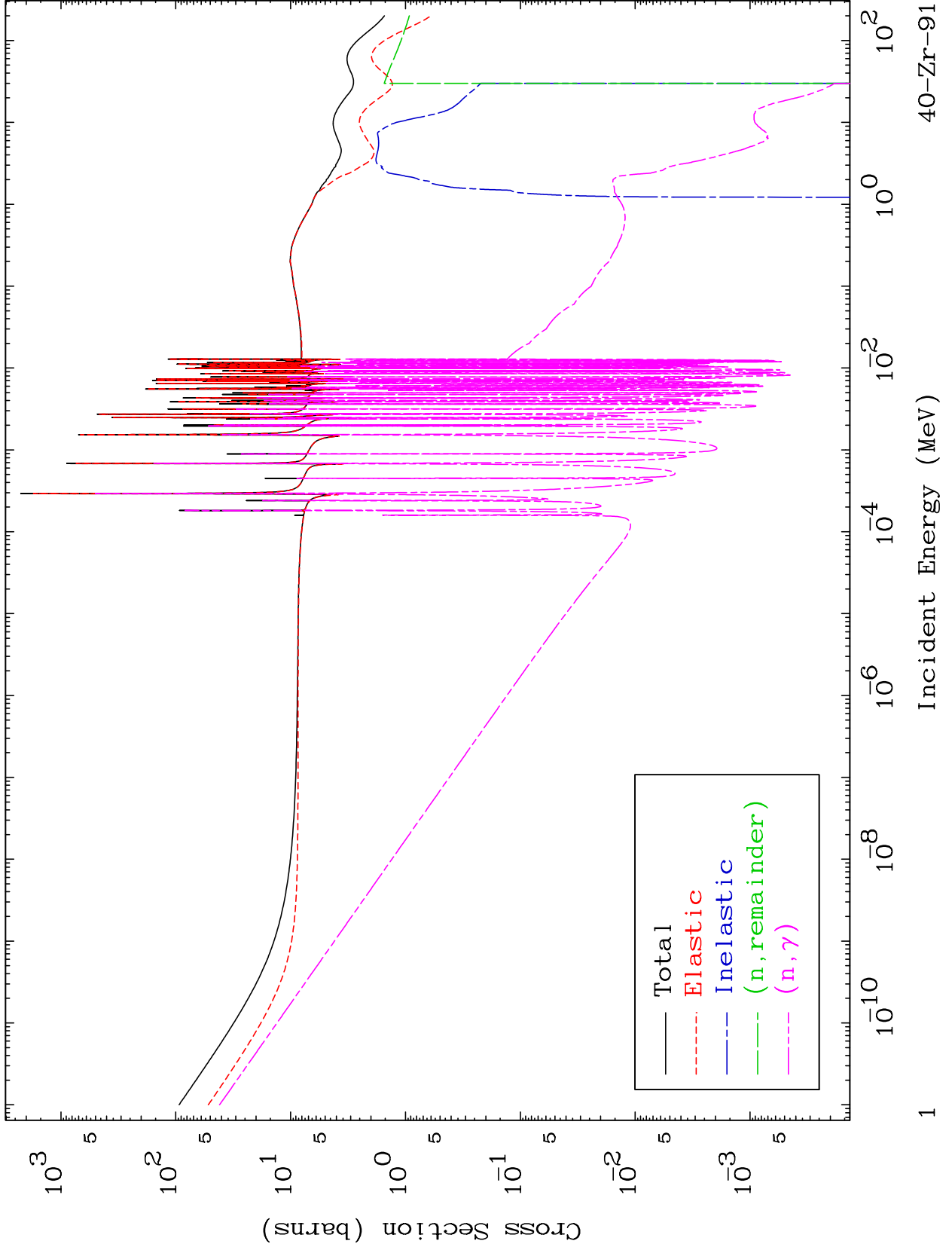
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4028

Major  
293 Kelvin Cross Sections

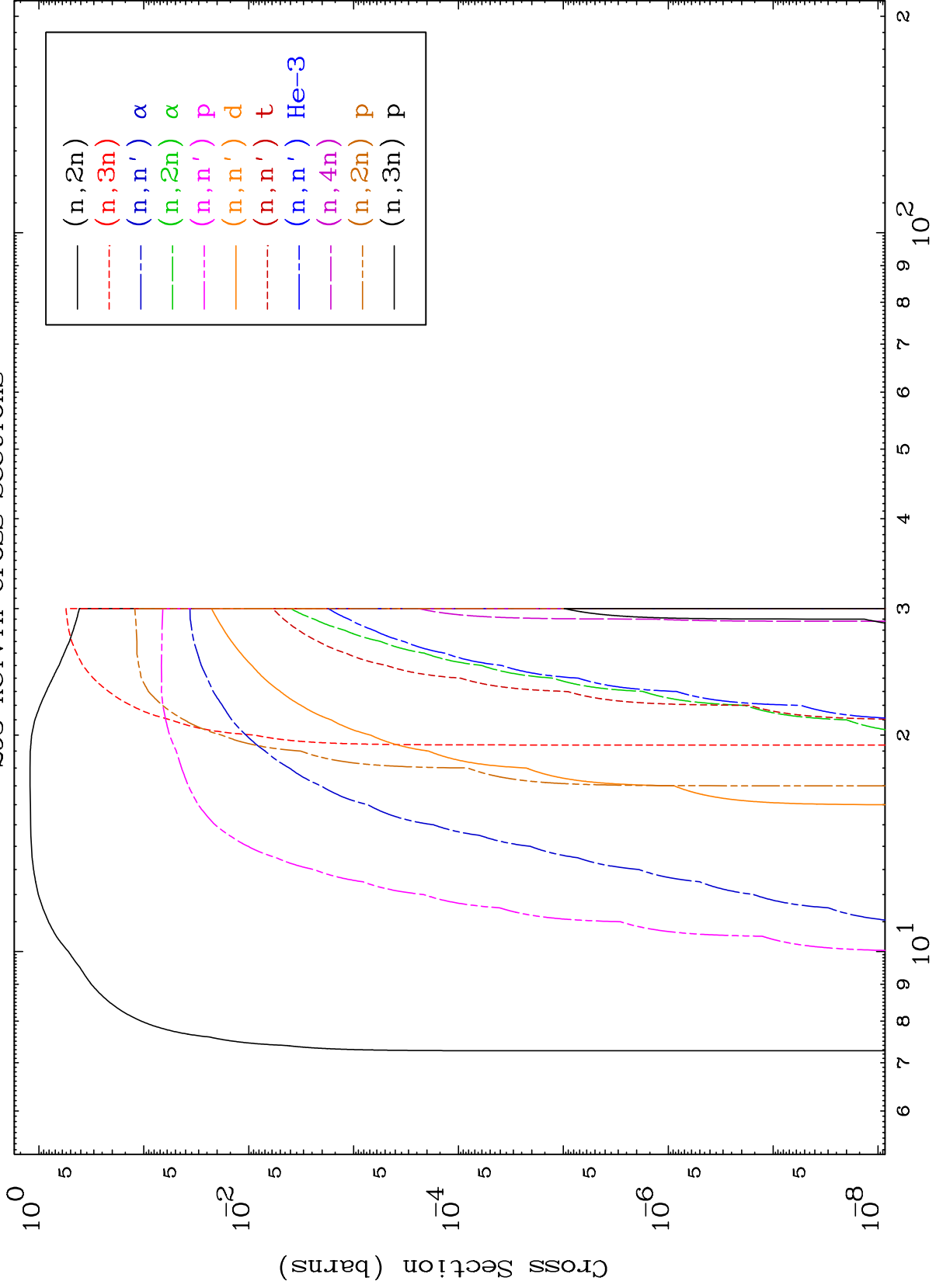
40-Zr-91



MAT 4028

Neutron Production  
293 Kelvin Cross Sections

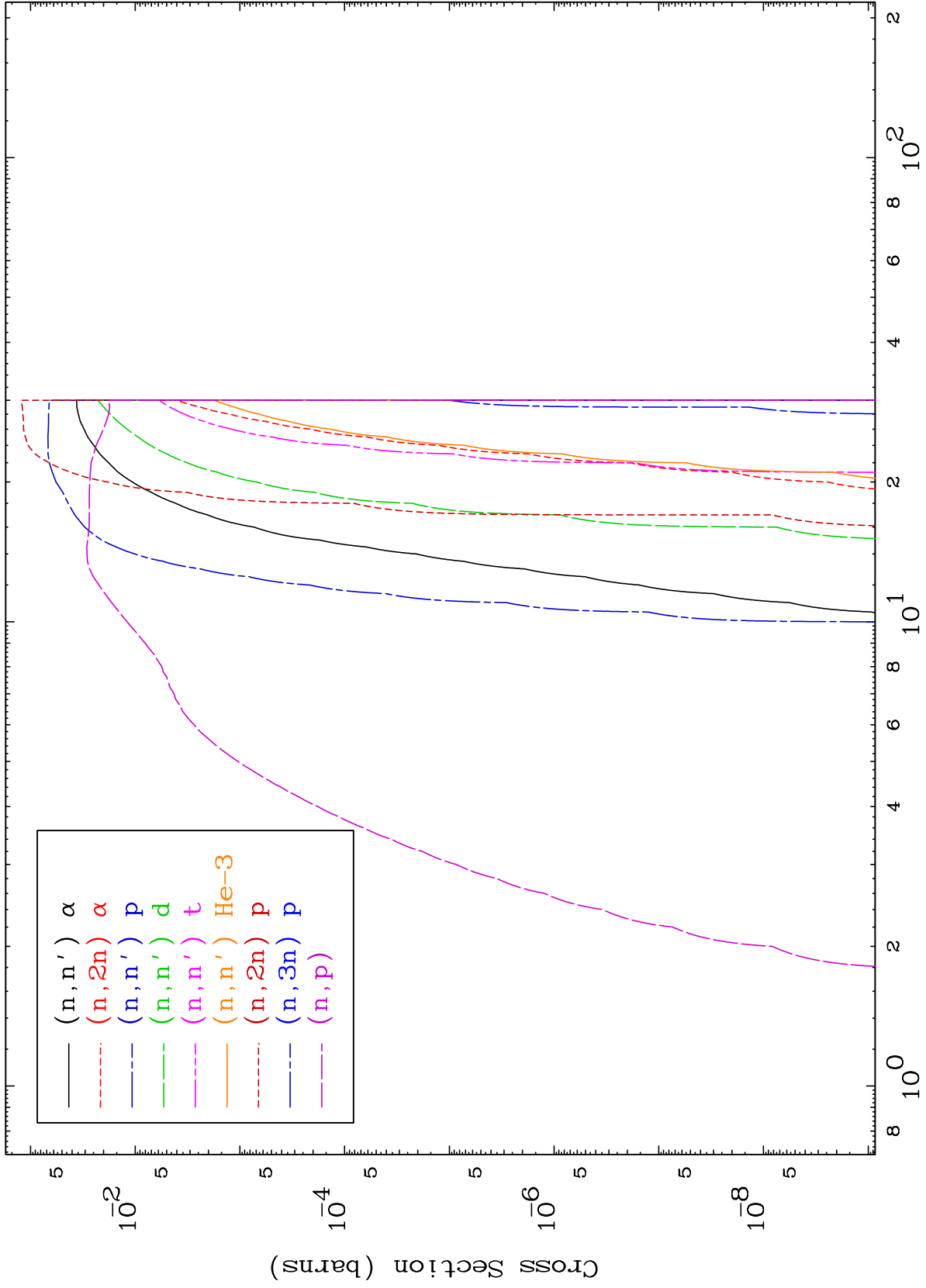
40-Zr-91



2

Incident Energy (MeV)

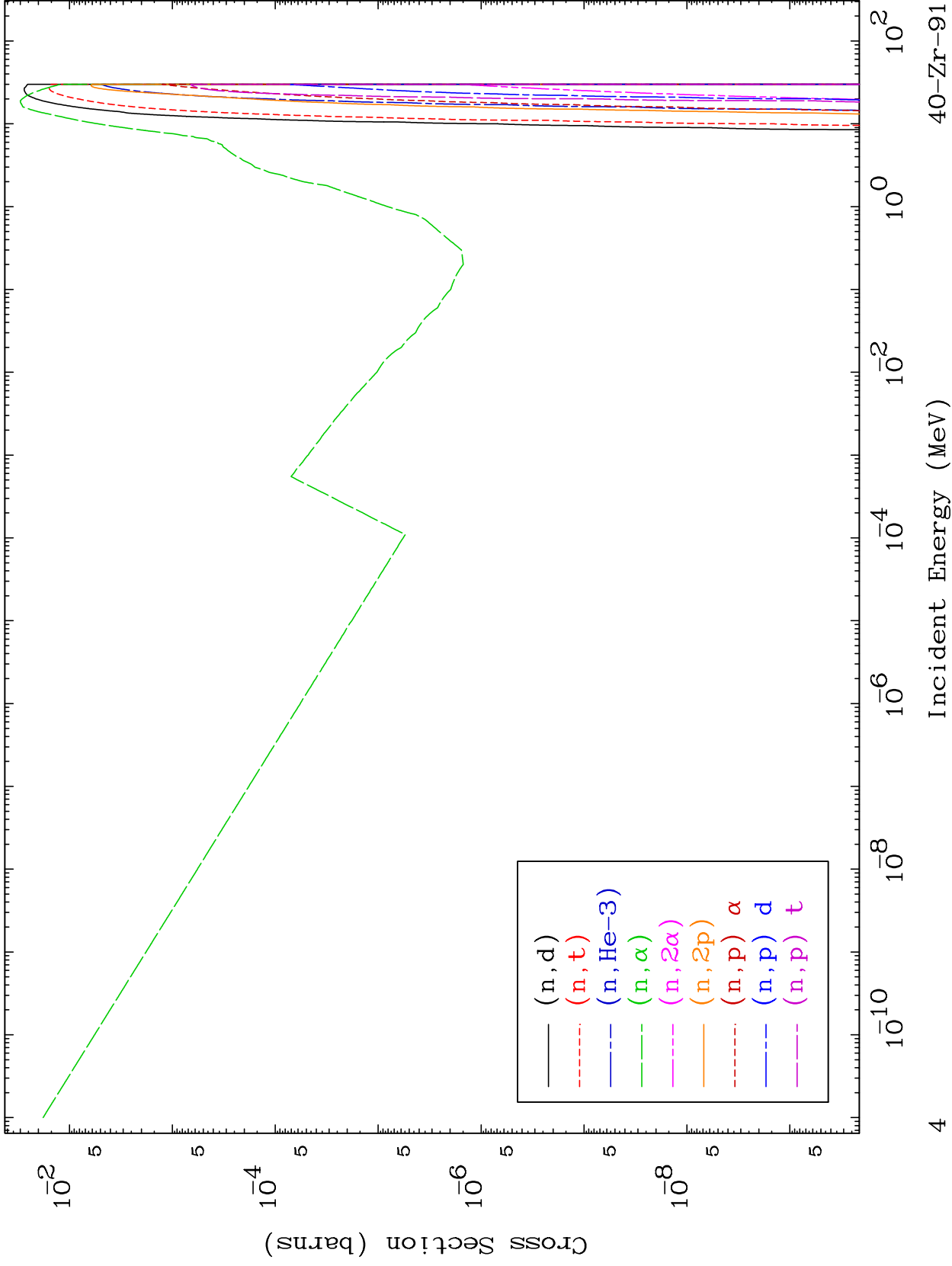
40-Zr-91

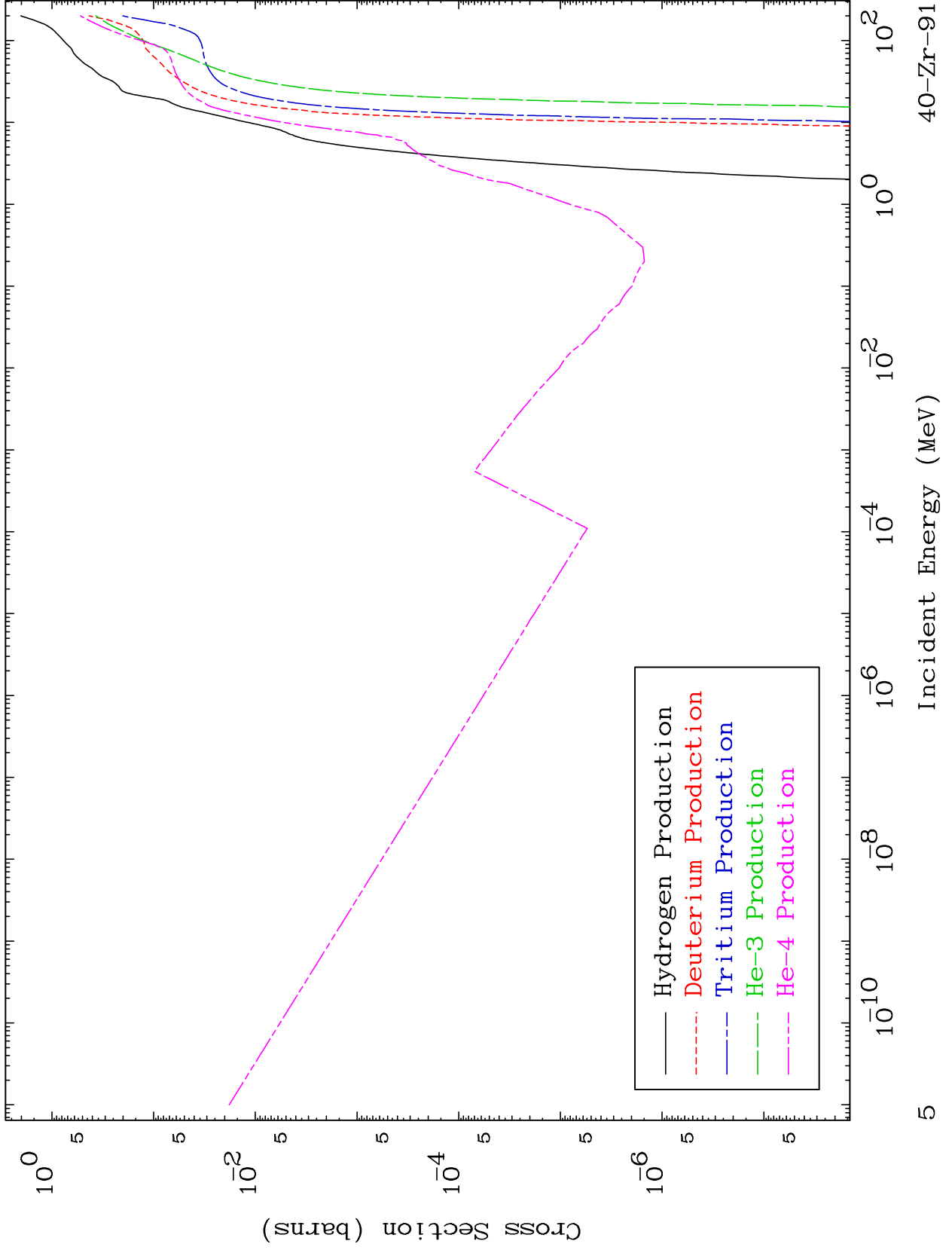


MAT 4028

Charged Particle  
293 Kelvin Cross Sections

40-Zr-91



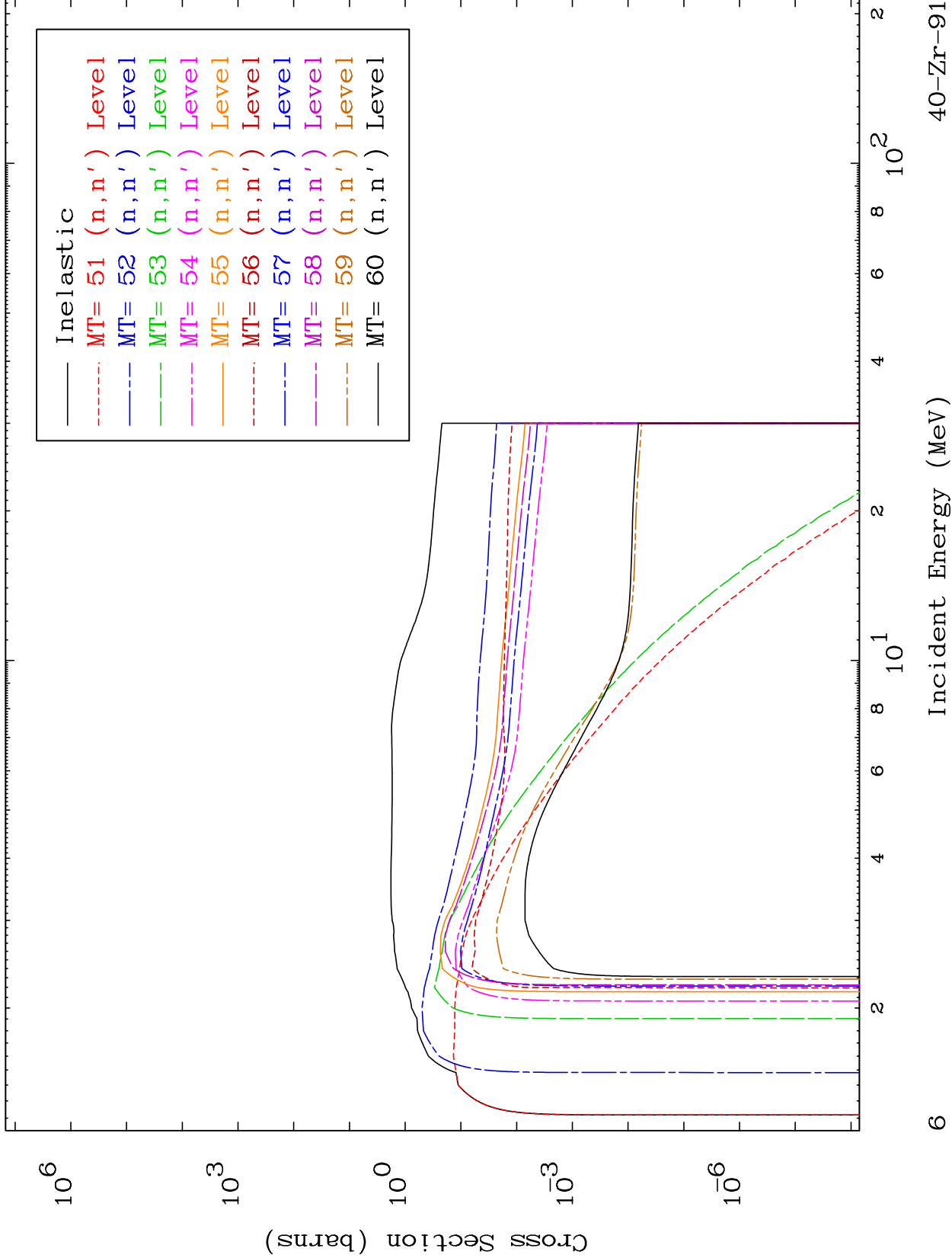


MAT 4028

(n,n') Level

40-Zr-91

293 Kelvin Cross Sections



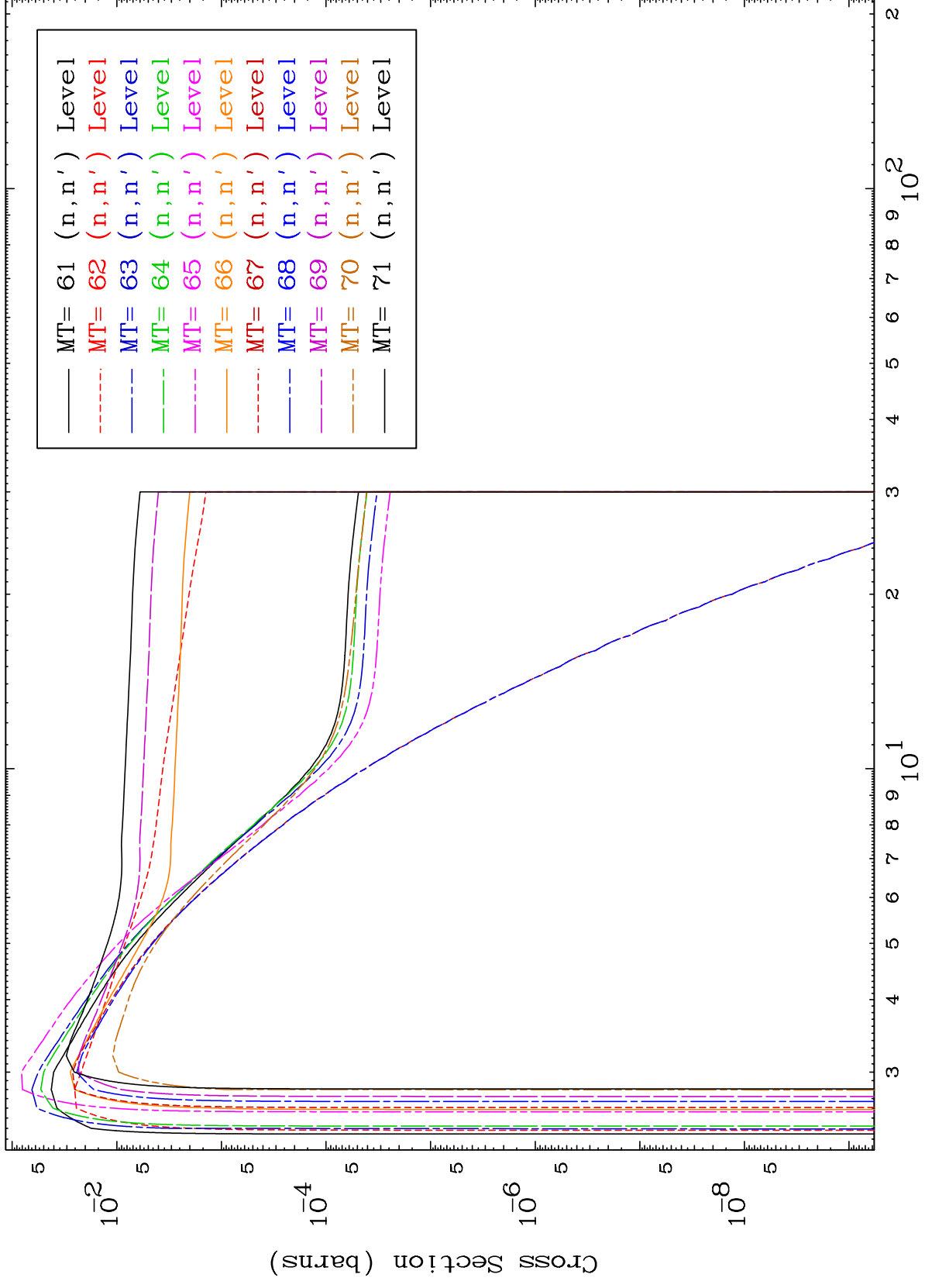
6

MAT 4028

(n,n') Level

40-Zr-91

293 Kelvin Cross Sections



7

Incident Energy (MeV)

40-Zr-91

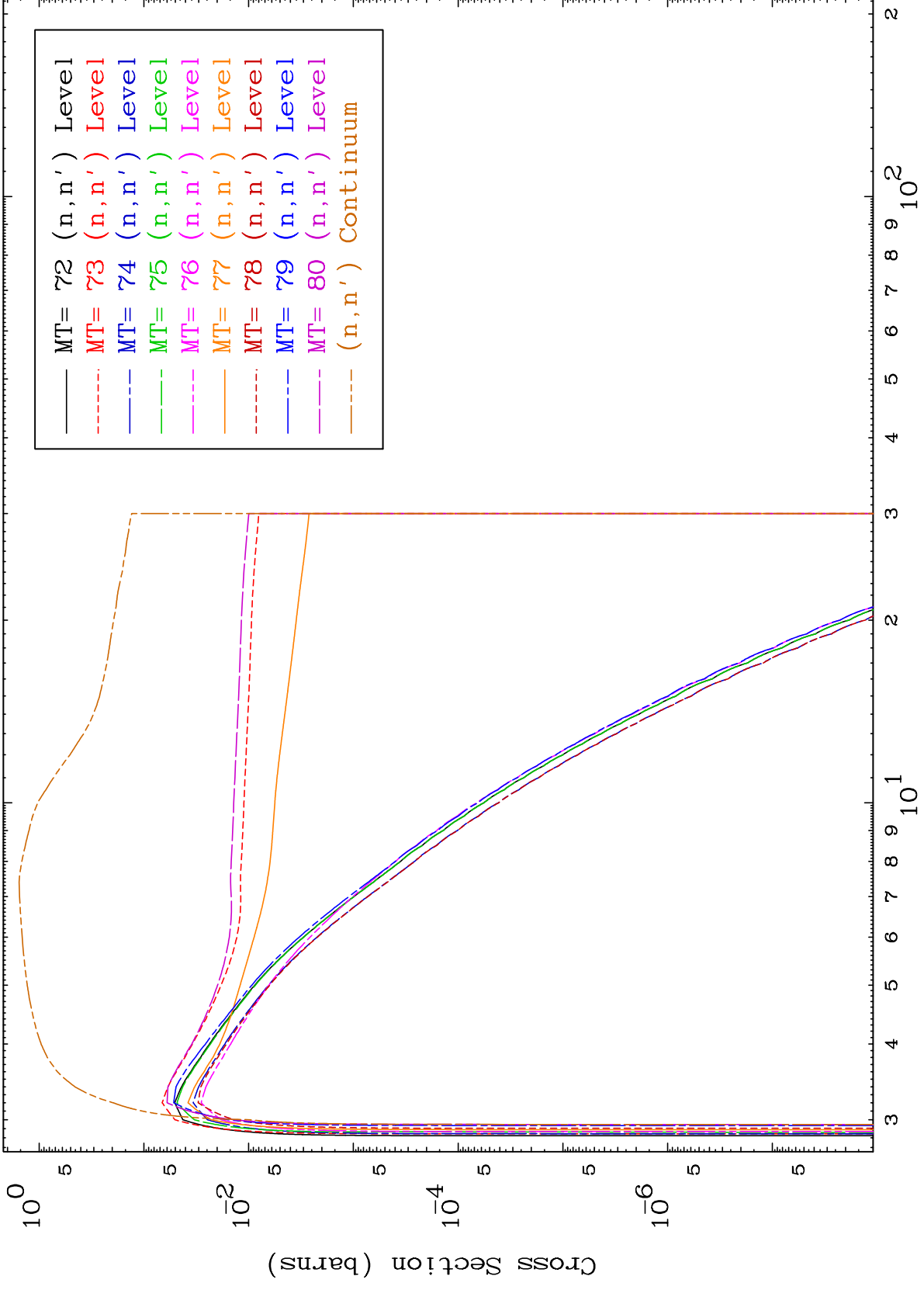


MAT 4028

(n,n') Level

40-Zr-91

293 Kelvin Cross Sections



8

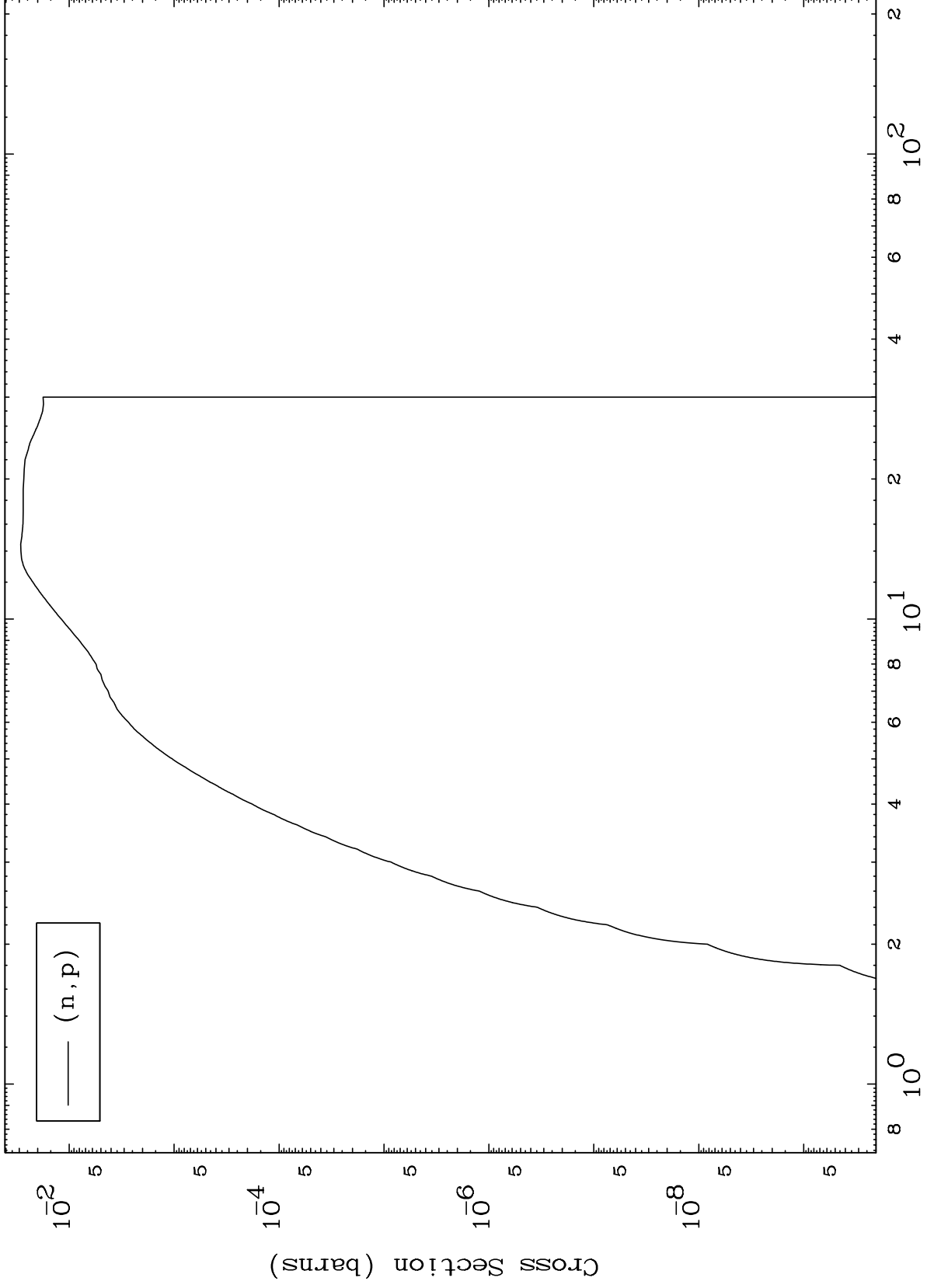
Incident Energy (MeV)

40-Zr-91

MAT 4028

(n,p) Levels  
293 Kelvin Cross Sections

40-Zr-91



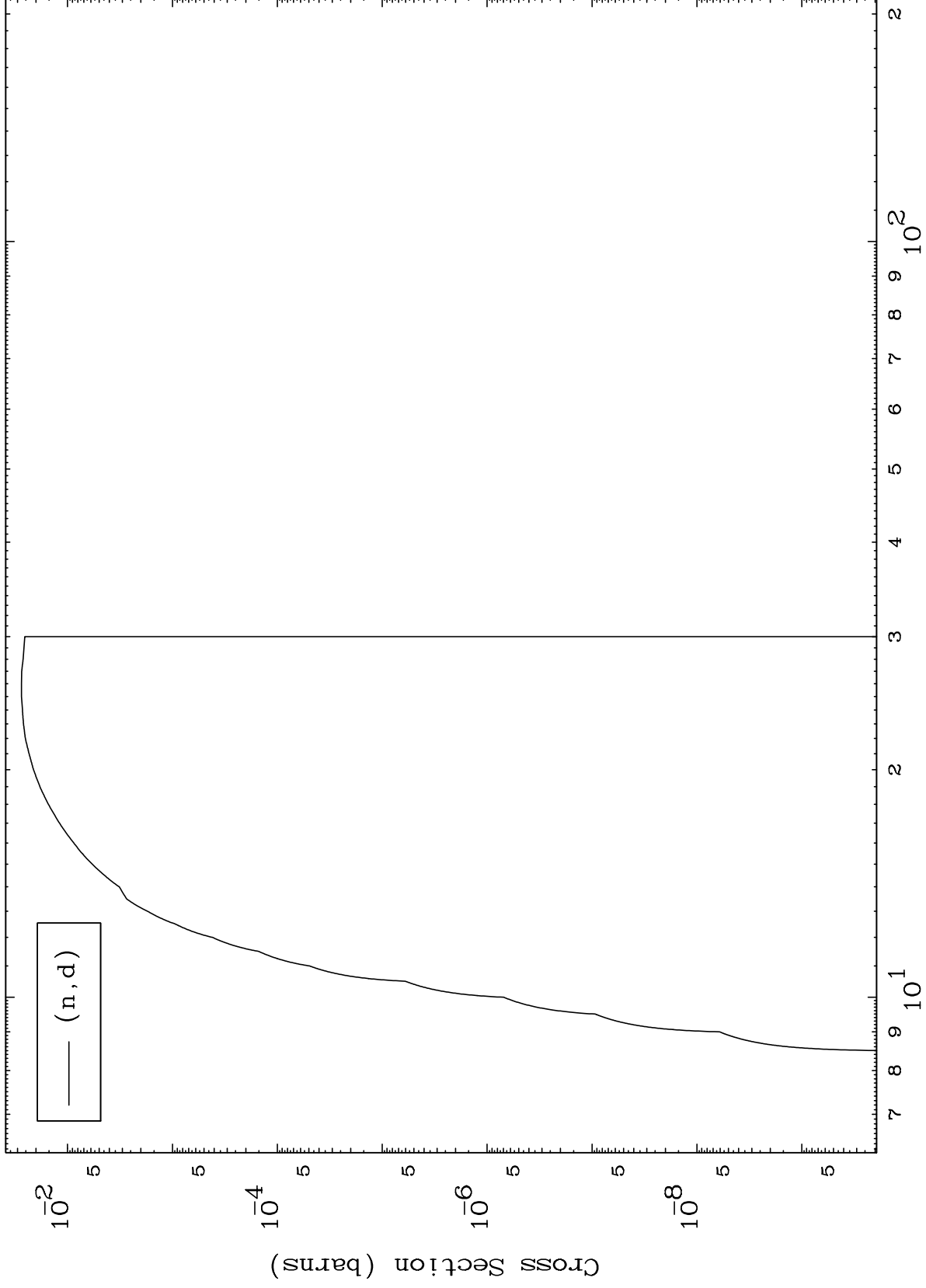
9

40-Zr-91

MAT 4028

(n,d) Levels  
293 Kelvin Cross Sections

40-Zr-91



10

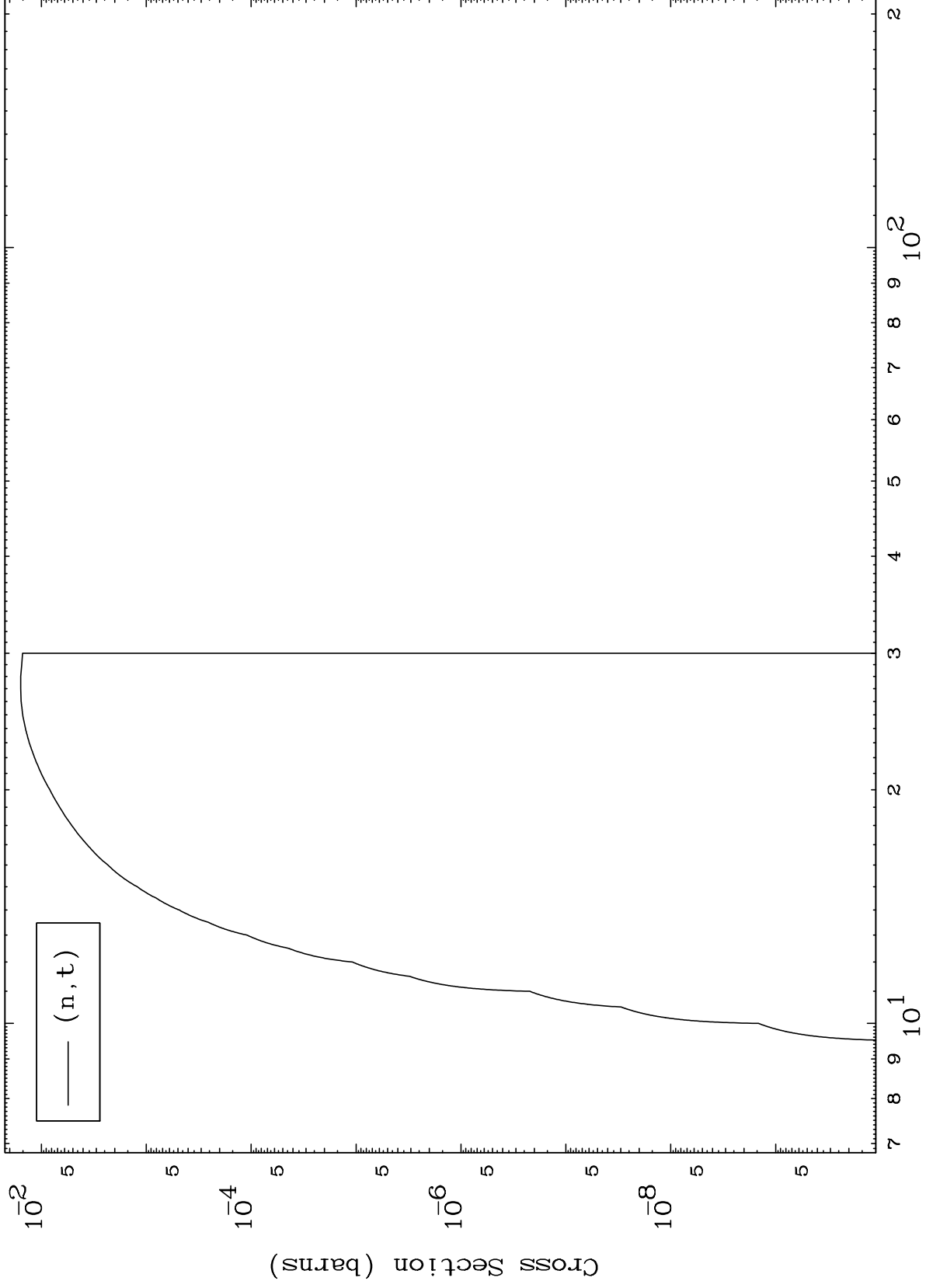
Incident Energy (MeV)

40-Zr-91

MAT 4028

(n,t) Levels  
293 Kelvin Cross Sections

40-Zr-91



11

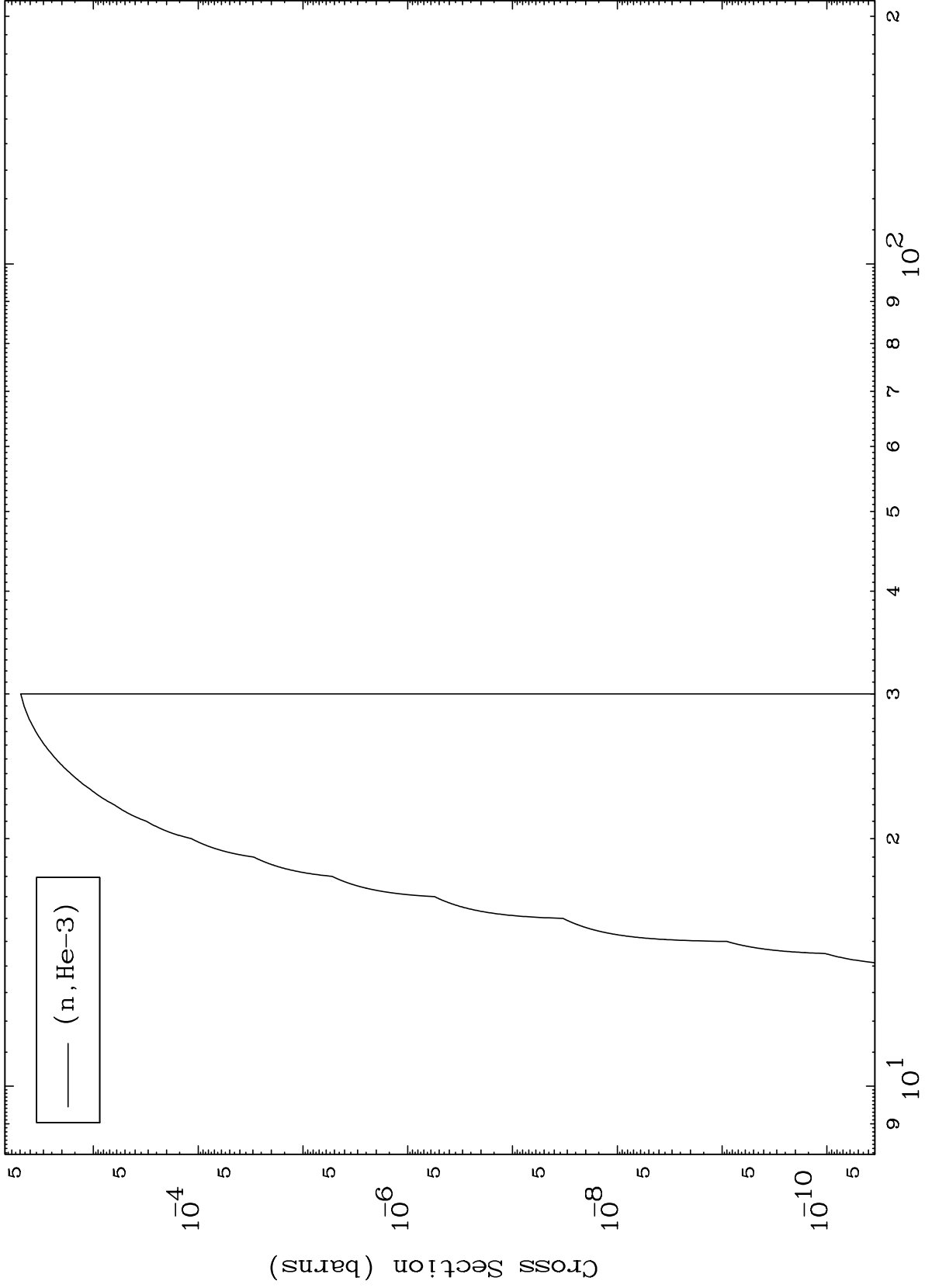
Incident Energy (MeV)

40-Zr-91

MAT 4028

(n,He3) Levels  
293 Kelvin Cross Sections

40-Zr-91



12

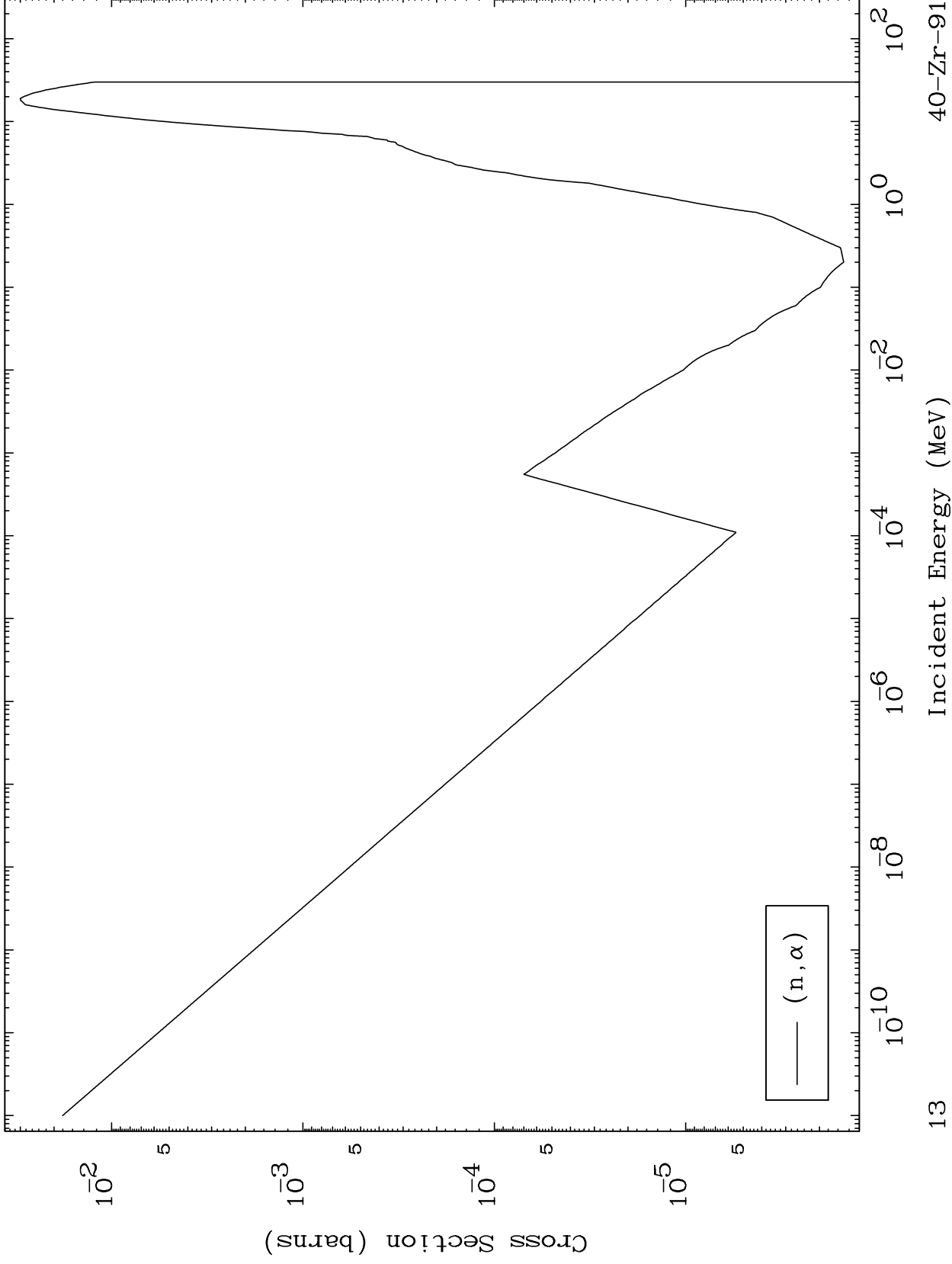
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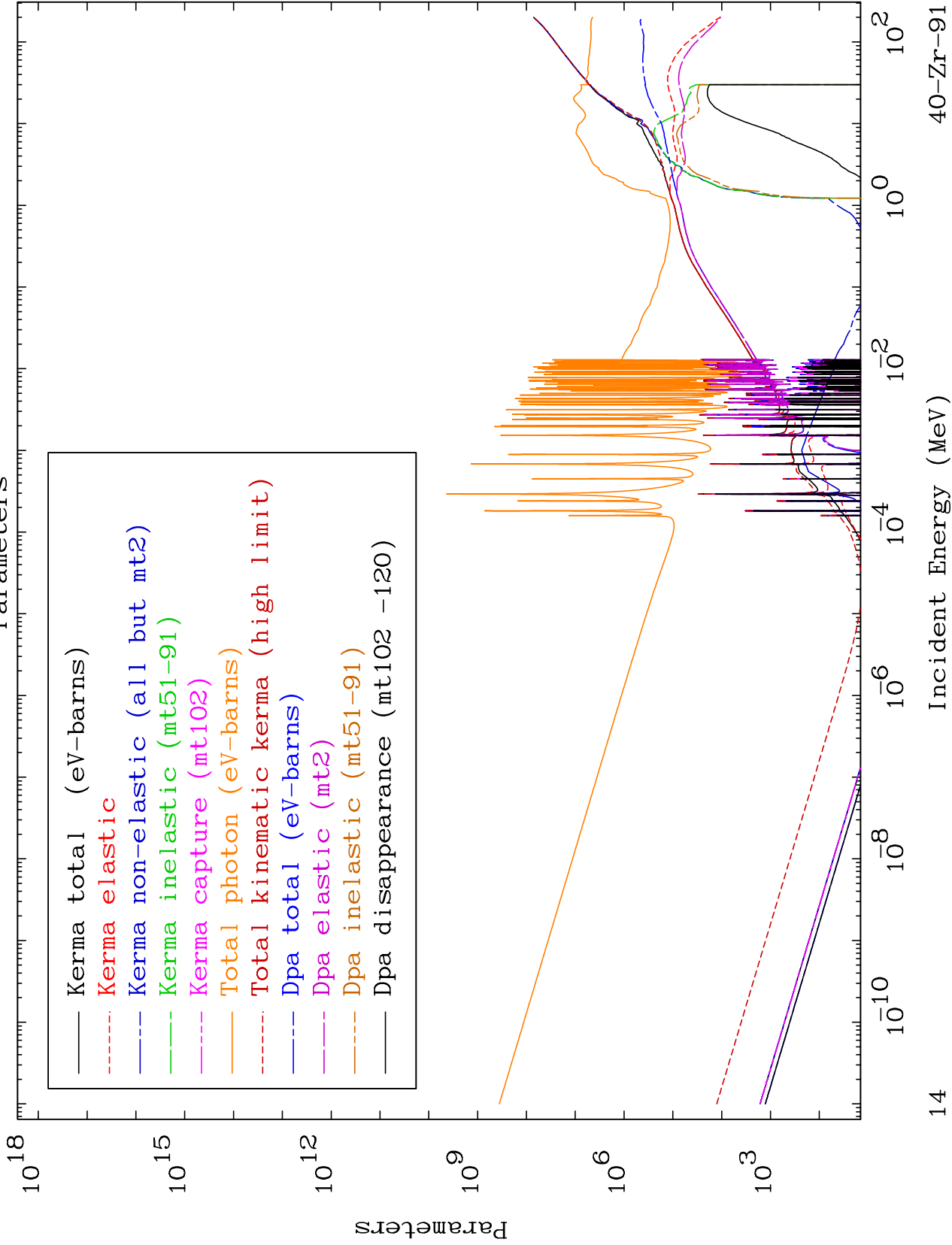
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MAT 4028

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

40-Zr-91

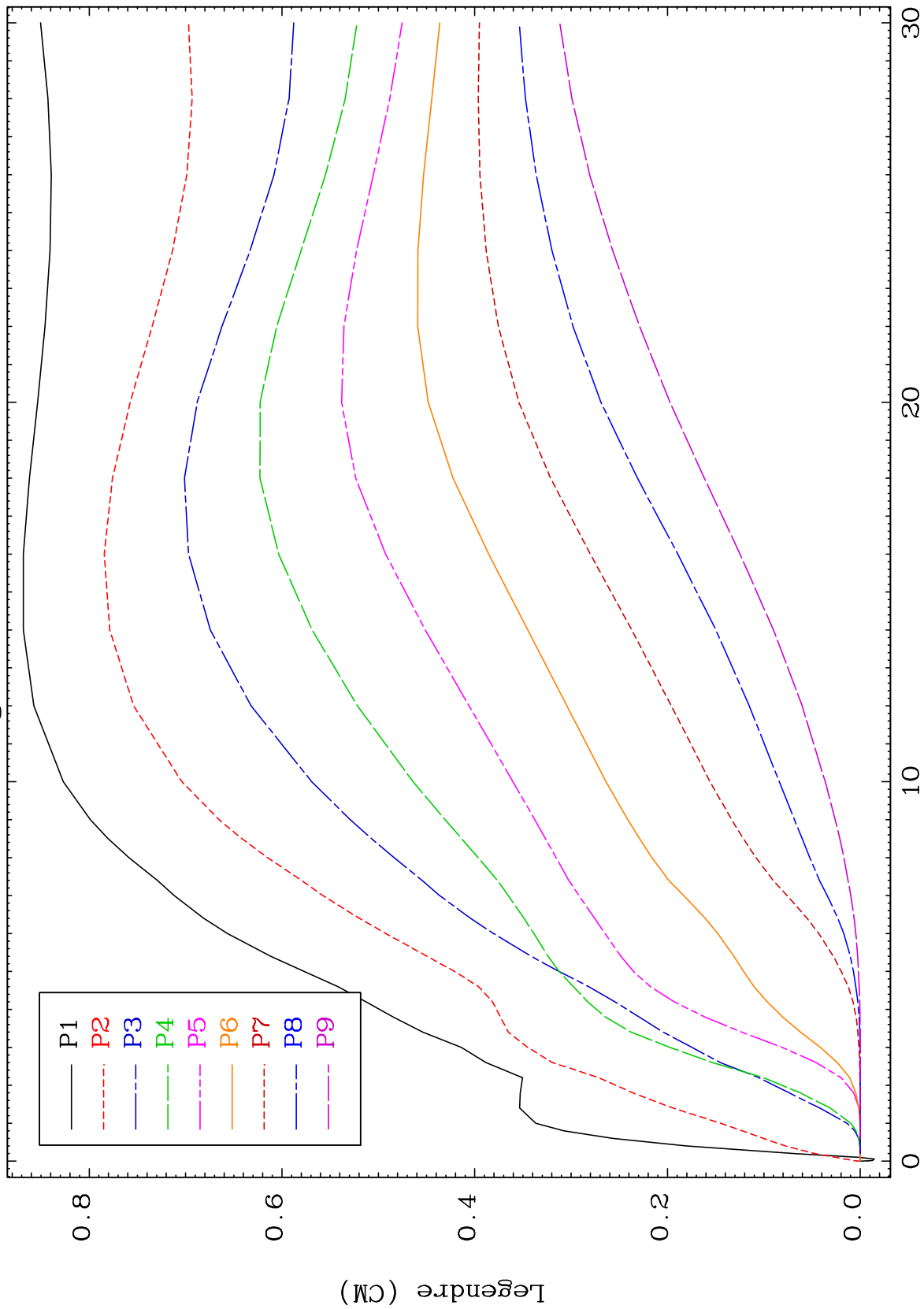




MAT 4028

Elastic Legendre Coefficients

40-Zr-91



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Incident Energy (MeV)

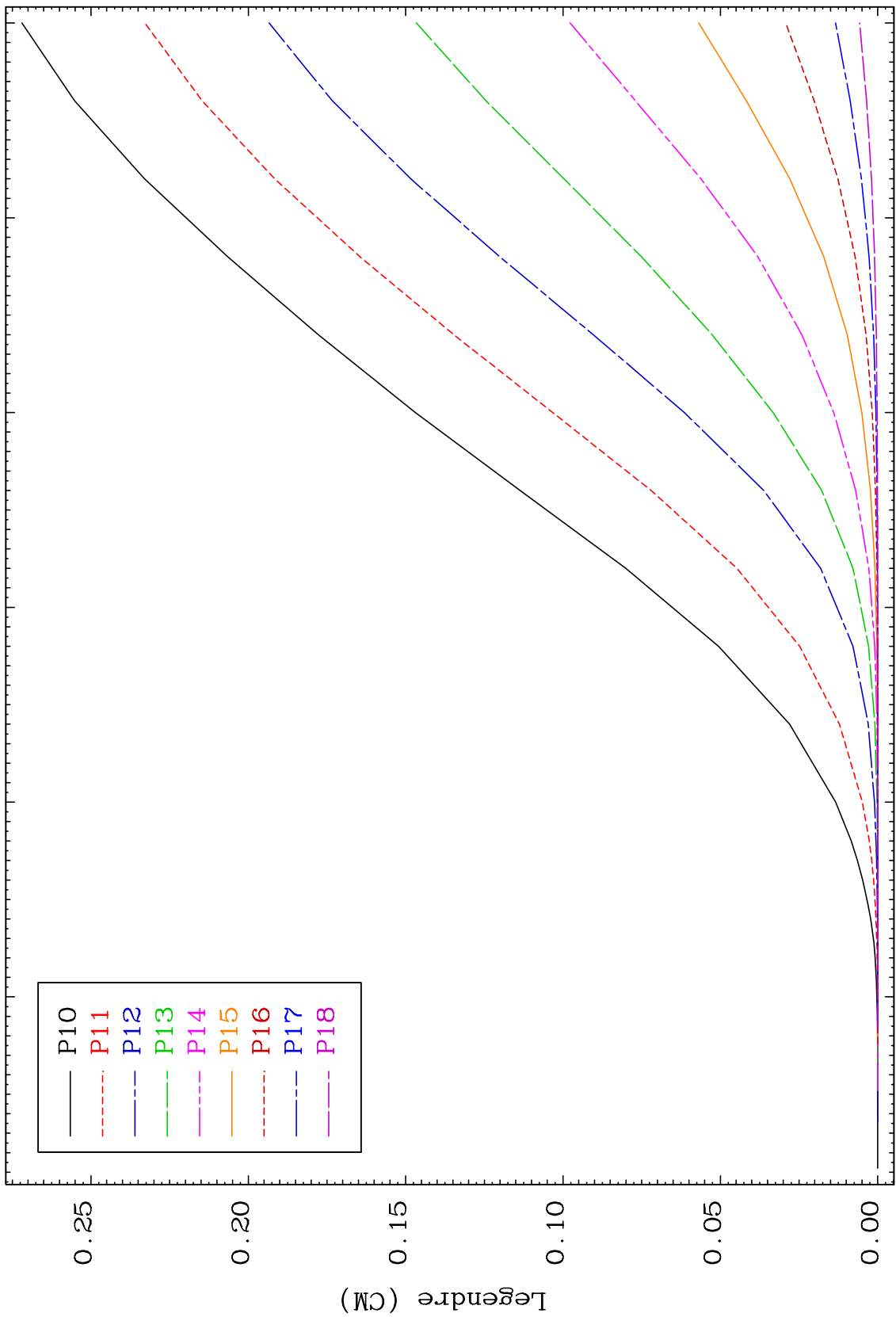
40-Zr-91



MAT 4028

Elastic Legendre Coefficients

40-Zr-91



16

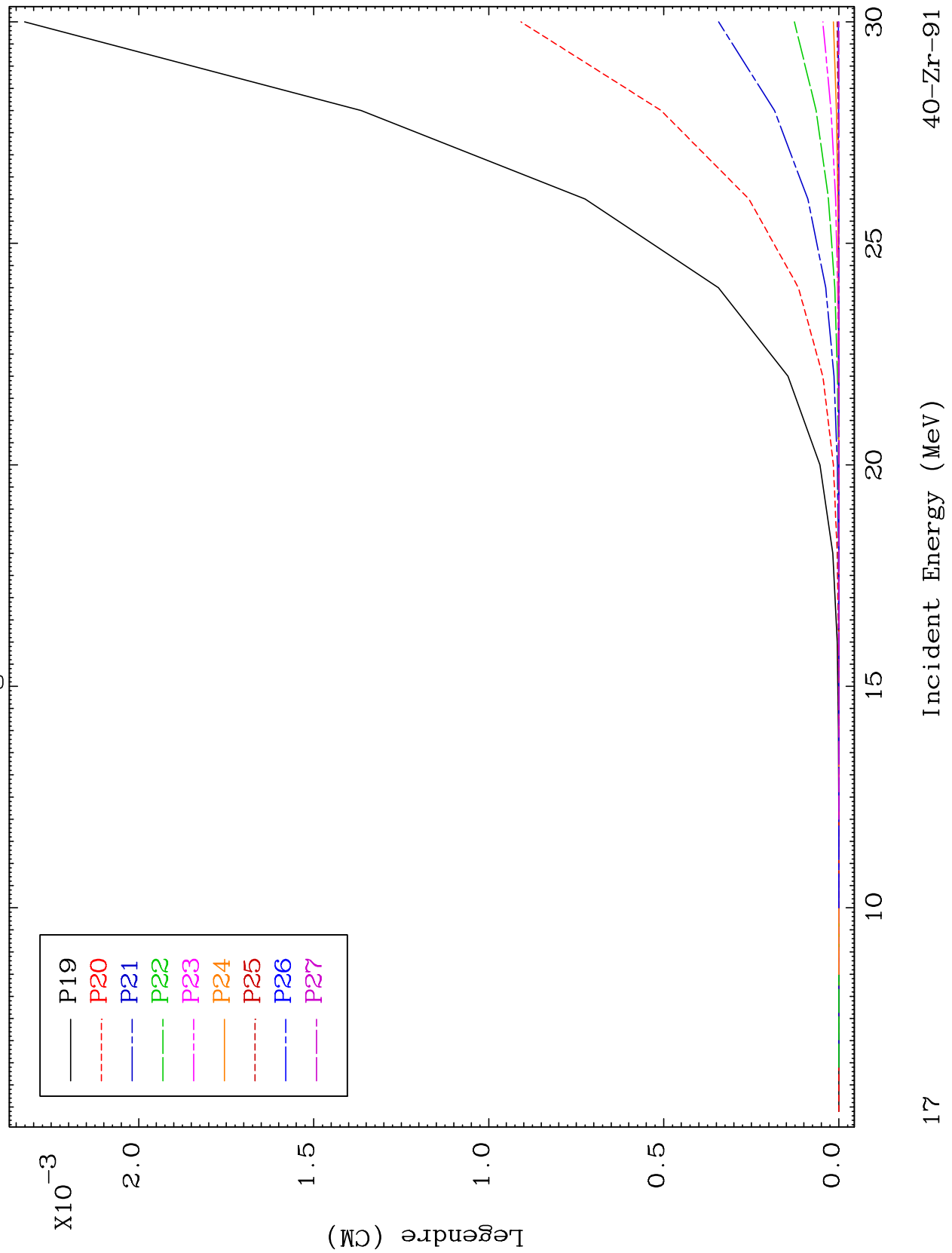
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Incident Energy (MeV)

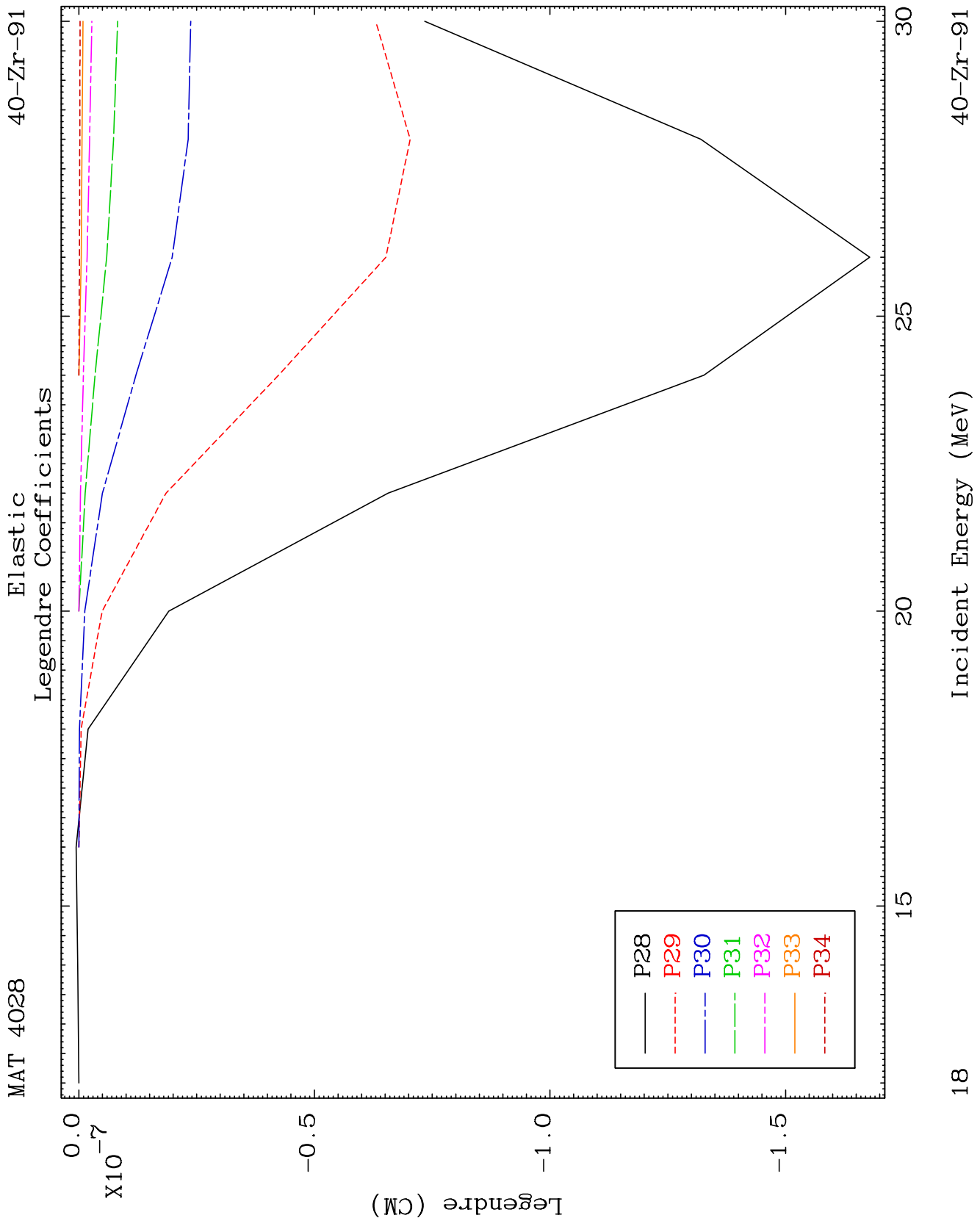
MAT 4028

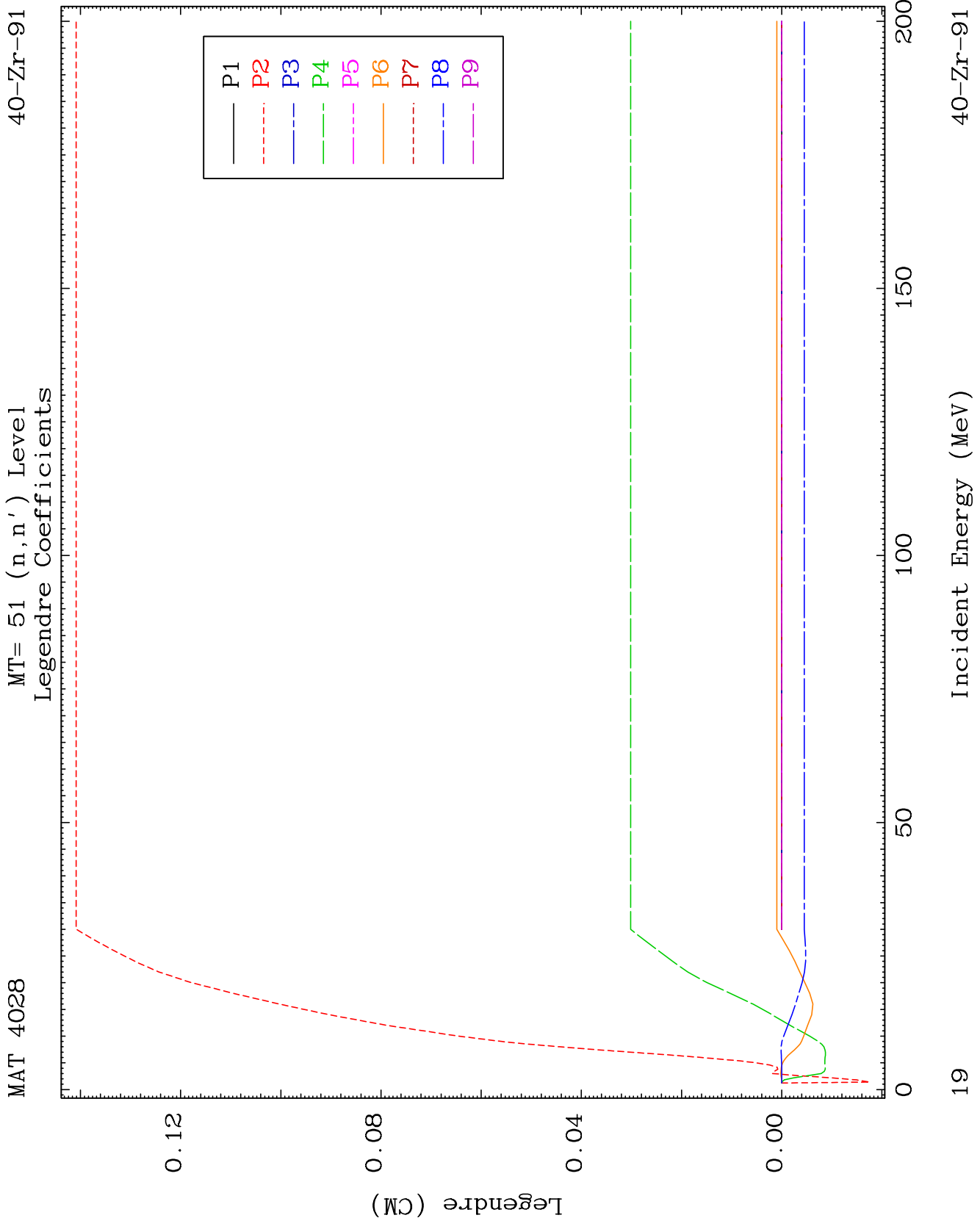
Elastic  
Legendre Coefficients

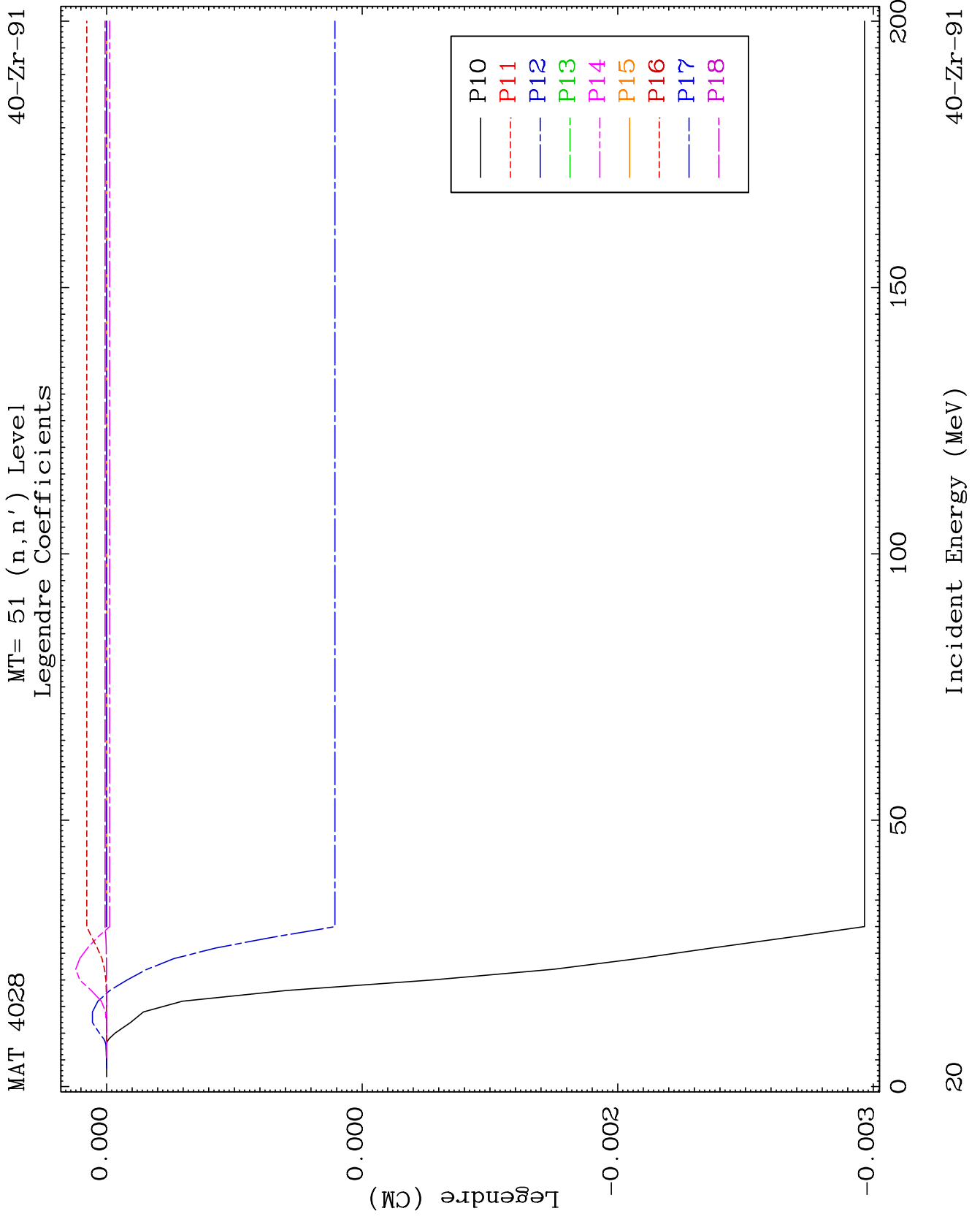
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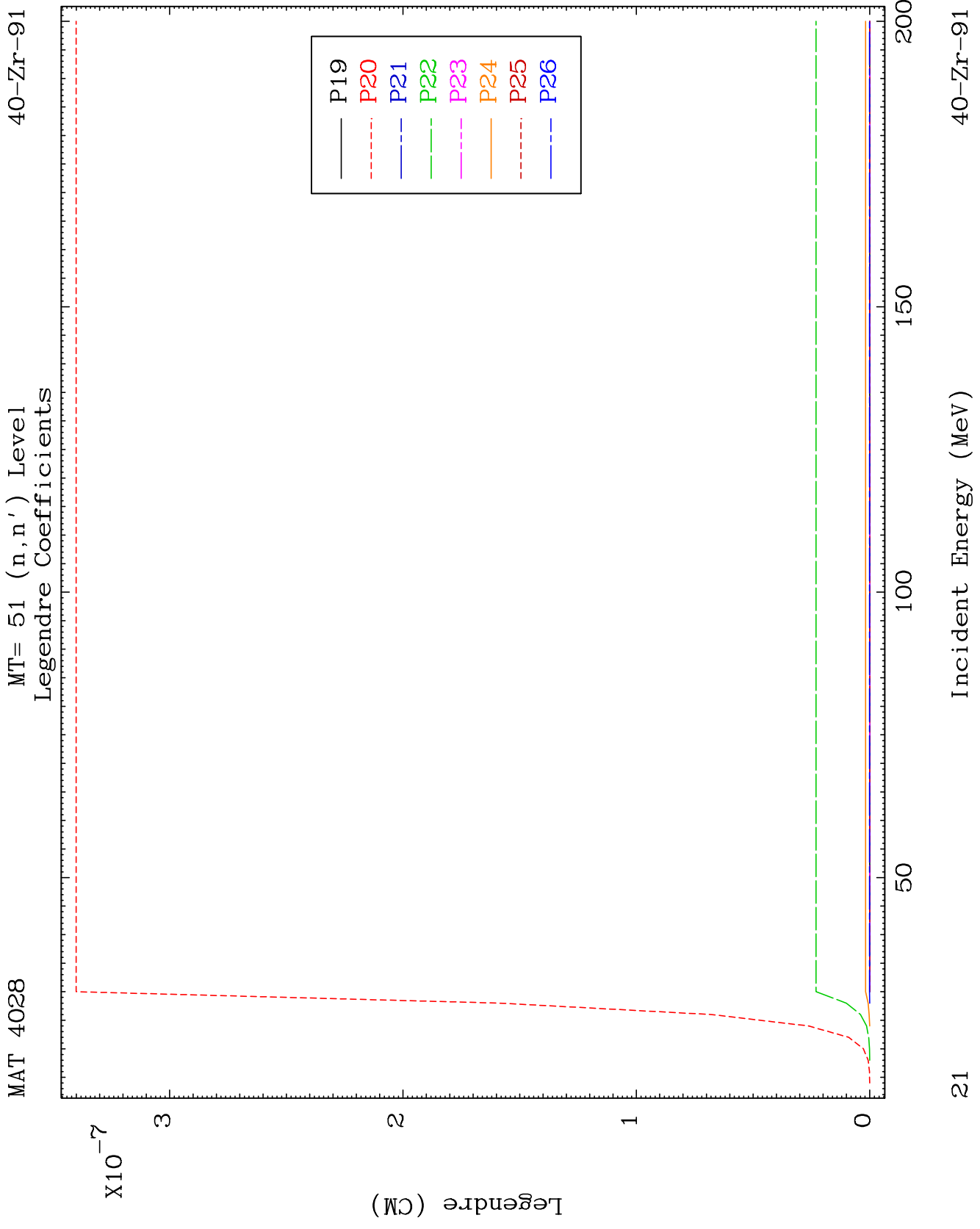


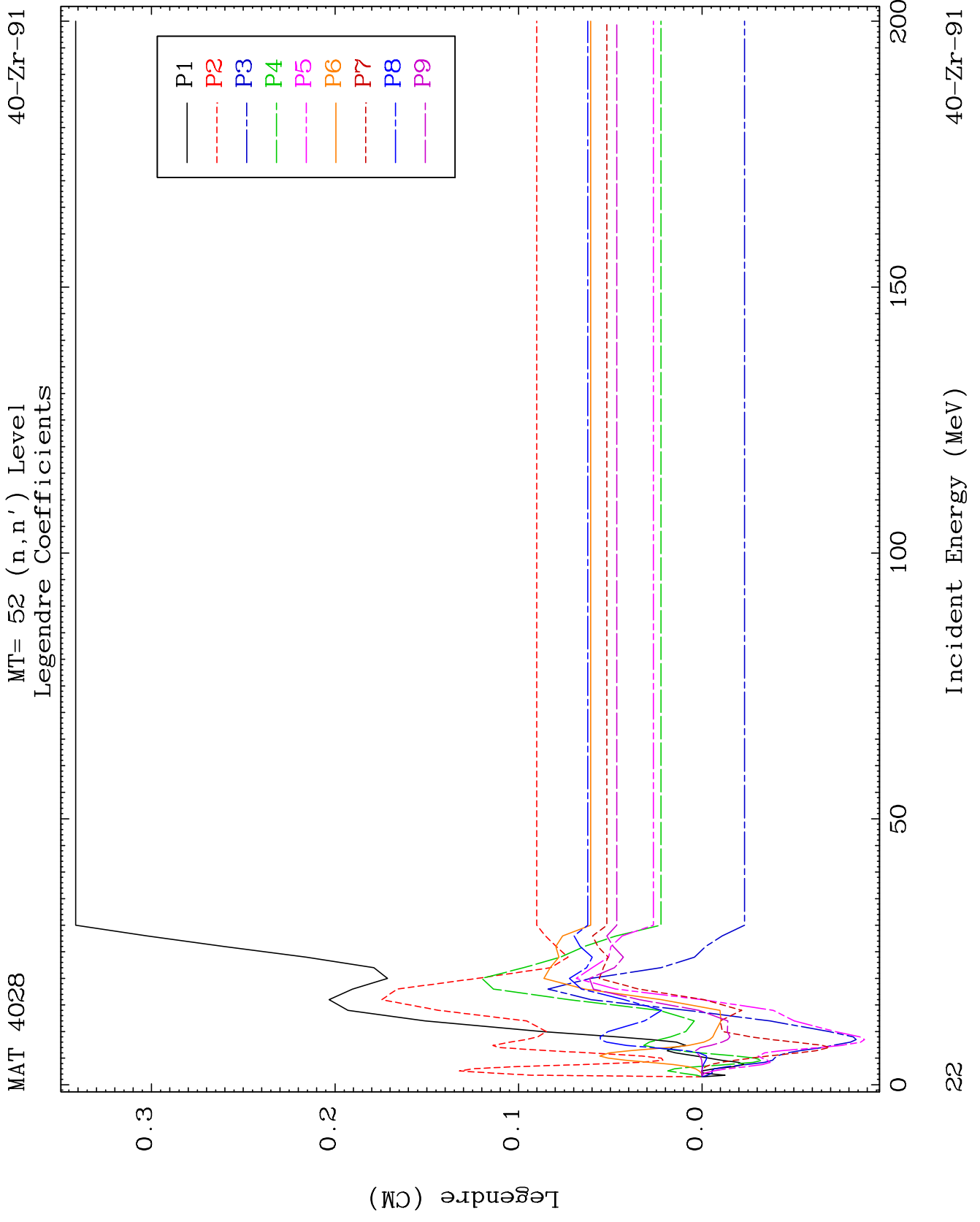
- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26
- P27











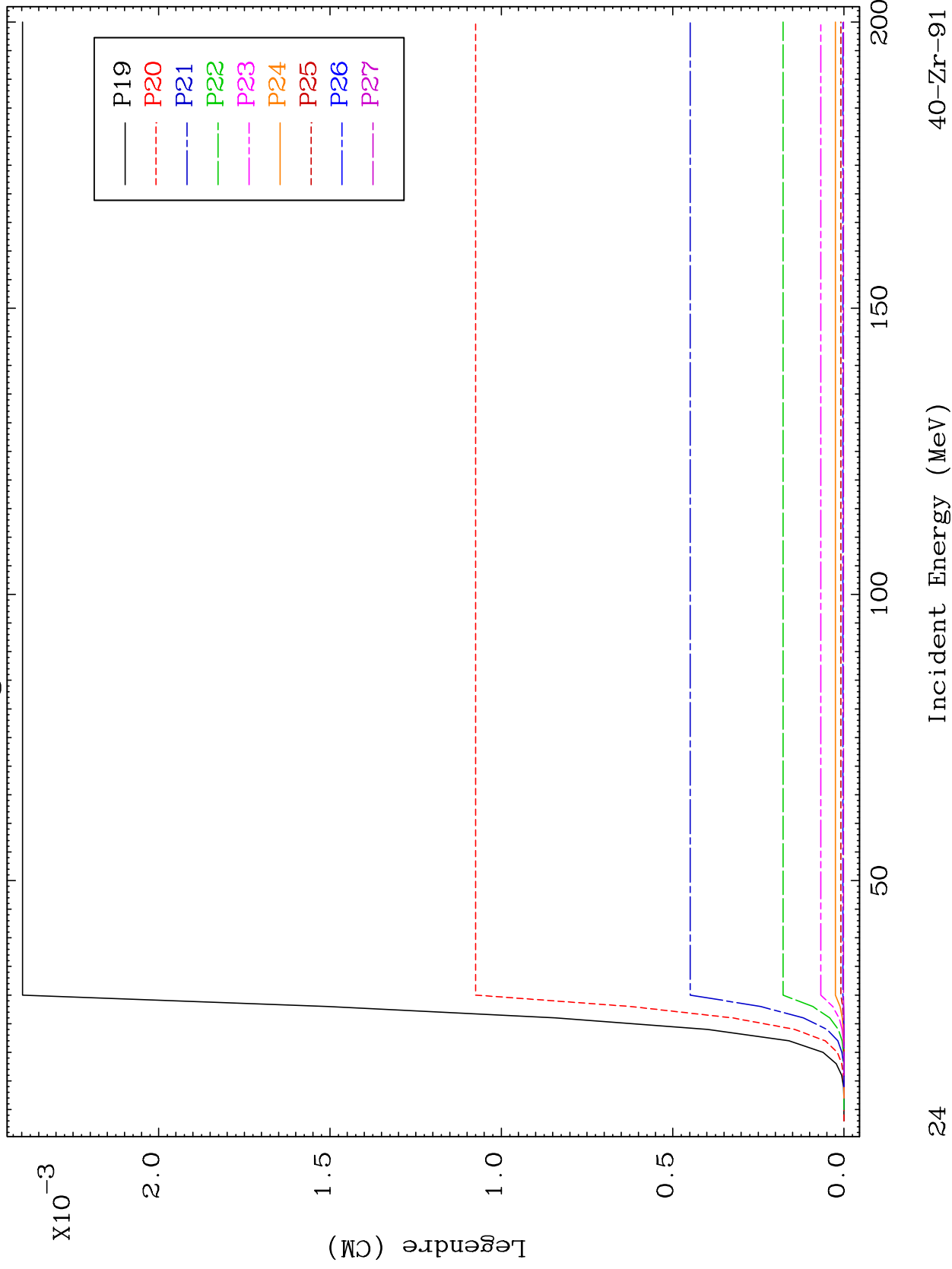




MAT 4028

MT= 52 (n,n') Level  
Legendre Coefficients

40-Zr-91



24

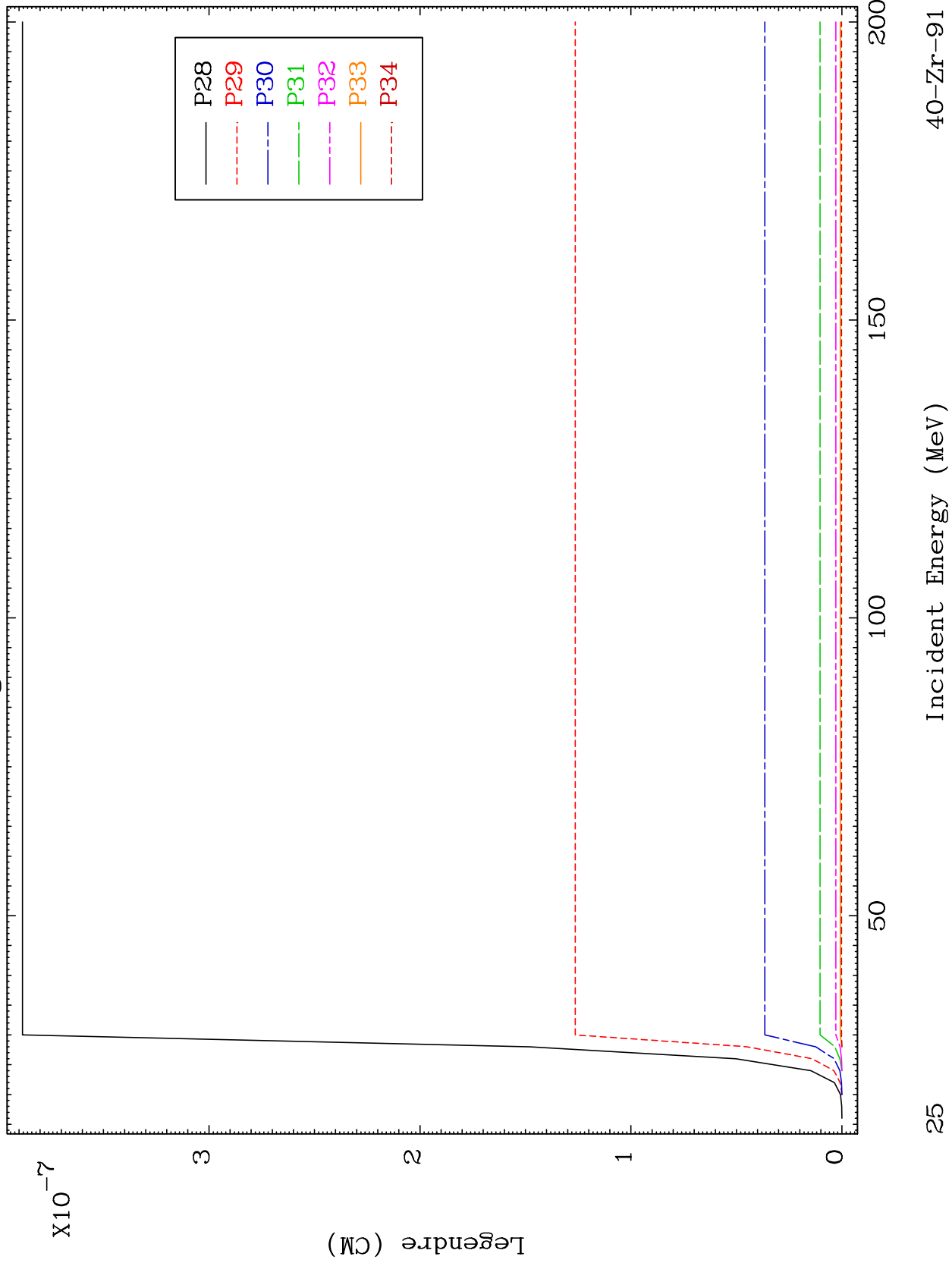
Incident Energy (MeV)

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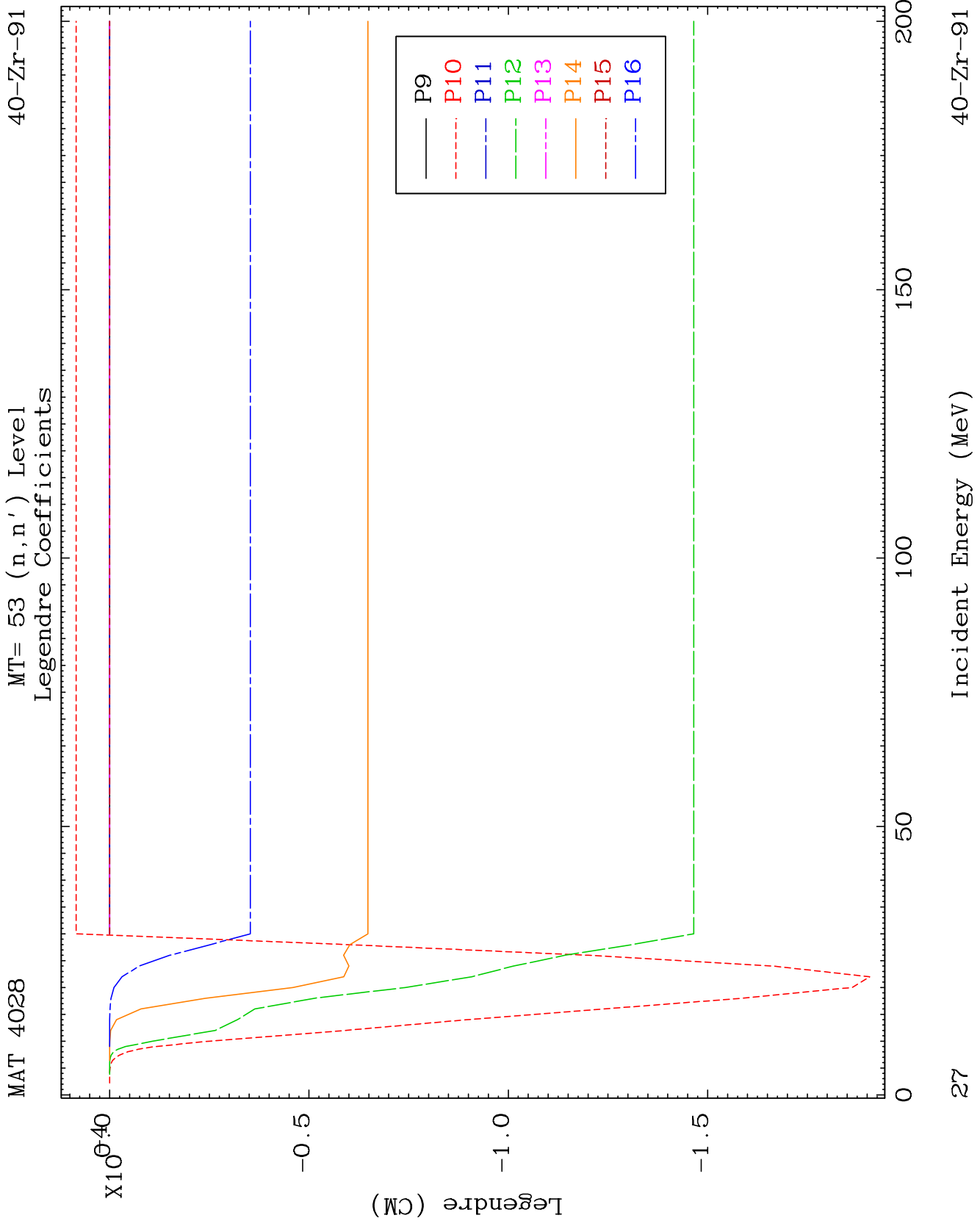
MAT 4028

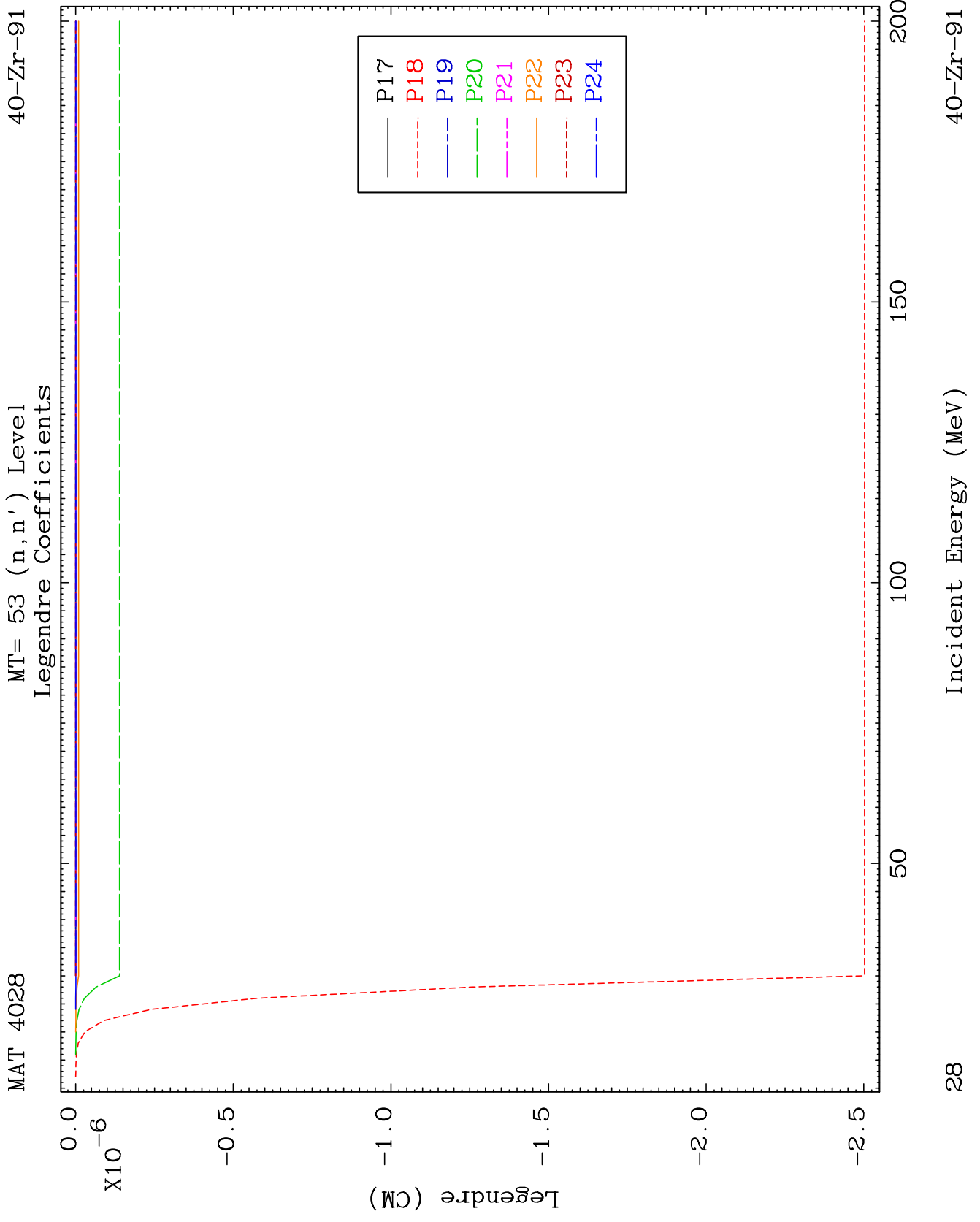
MT= 52 (n,n') Level  
Legendre Coefficients

40-Zr-91





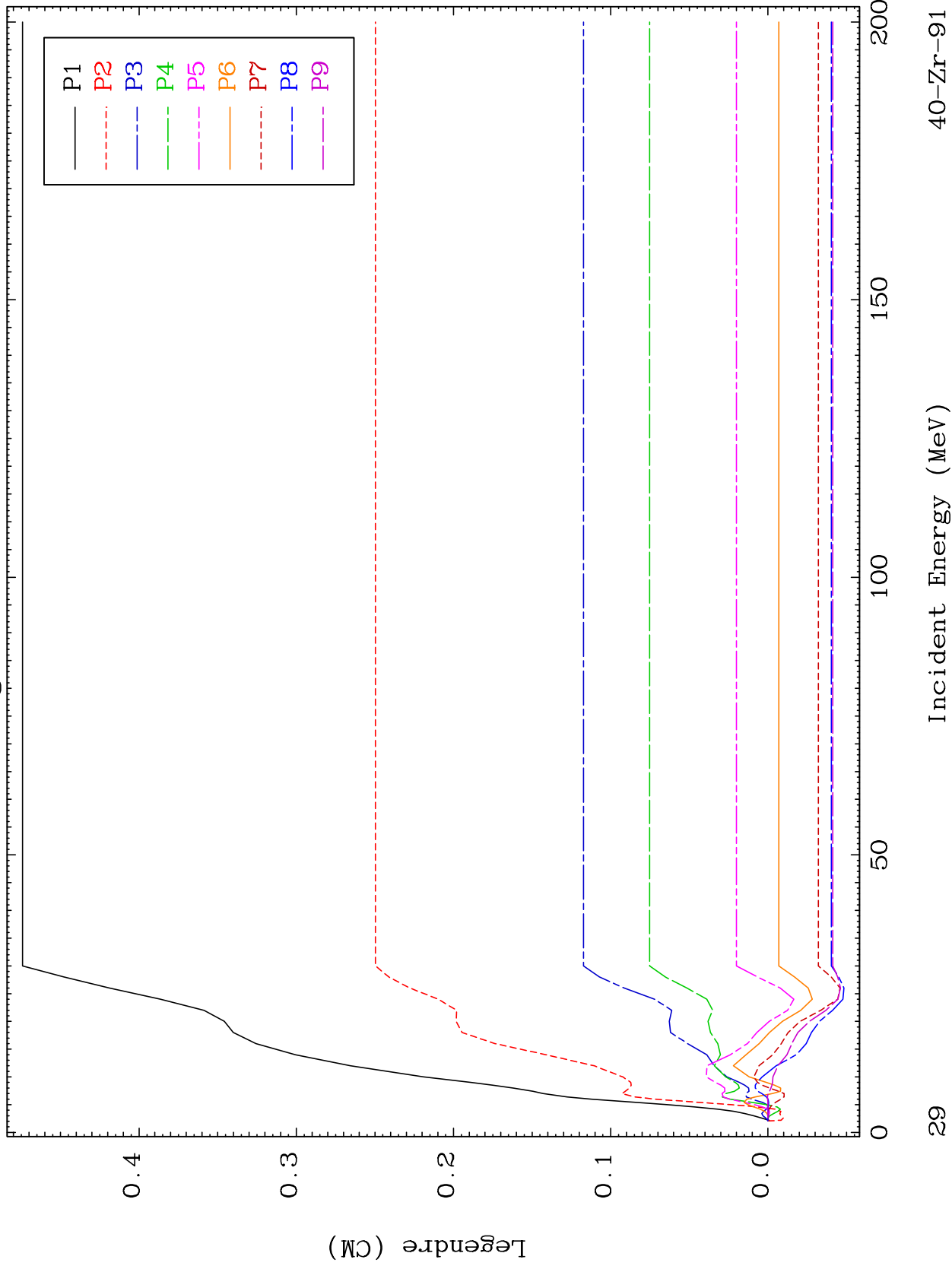


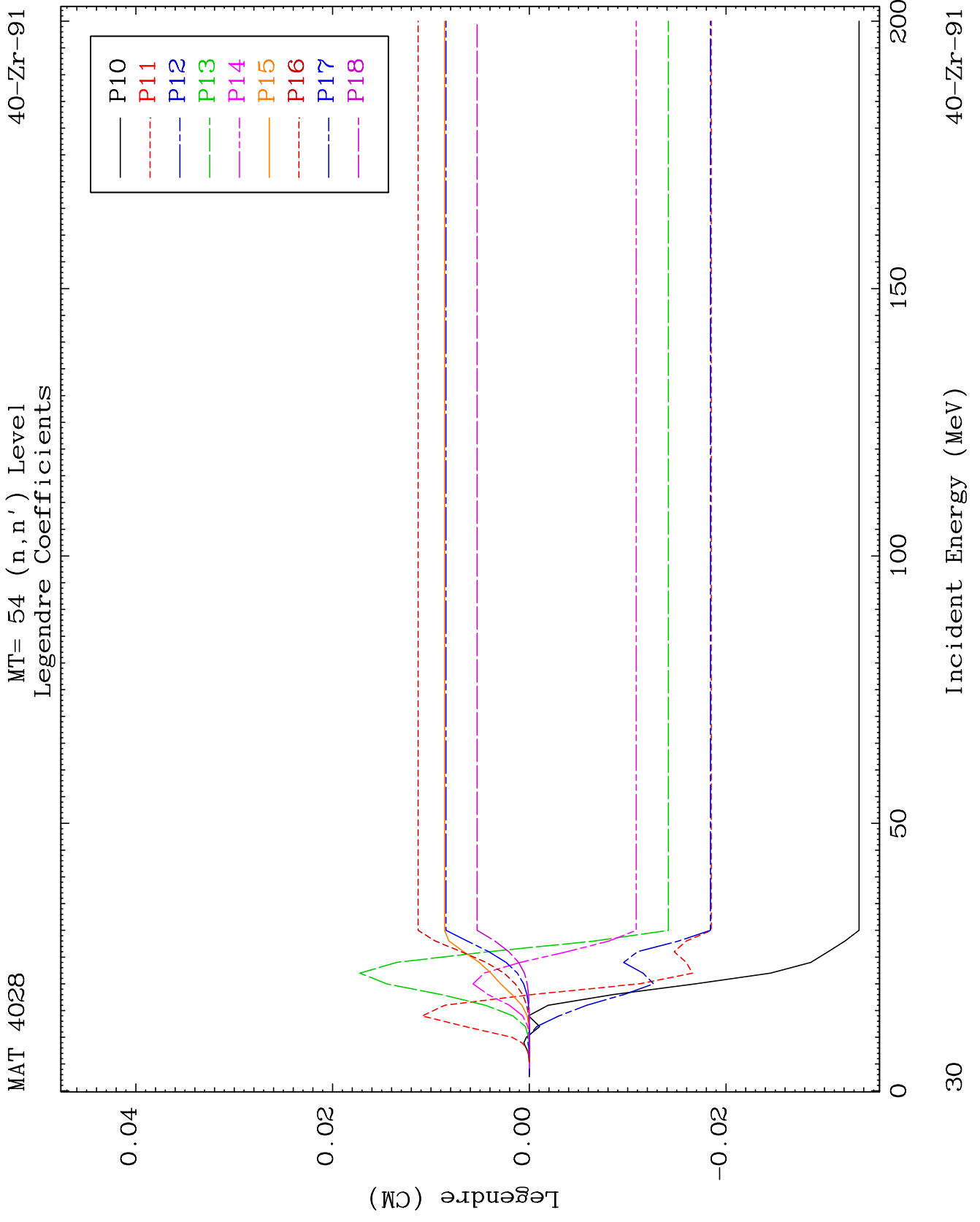


MAT 4028

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

40-Zr-91

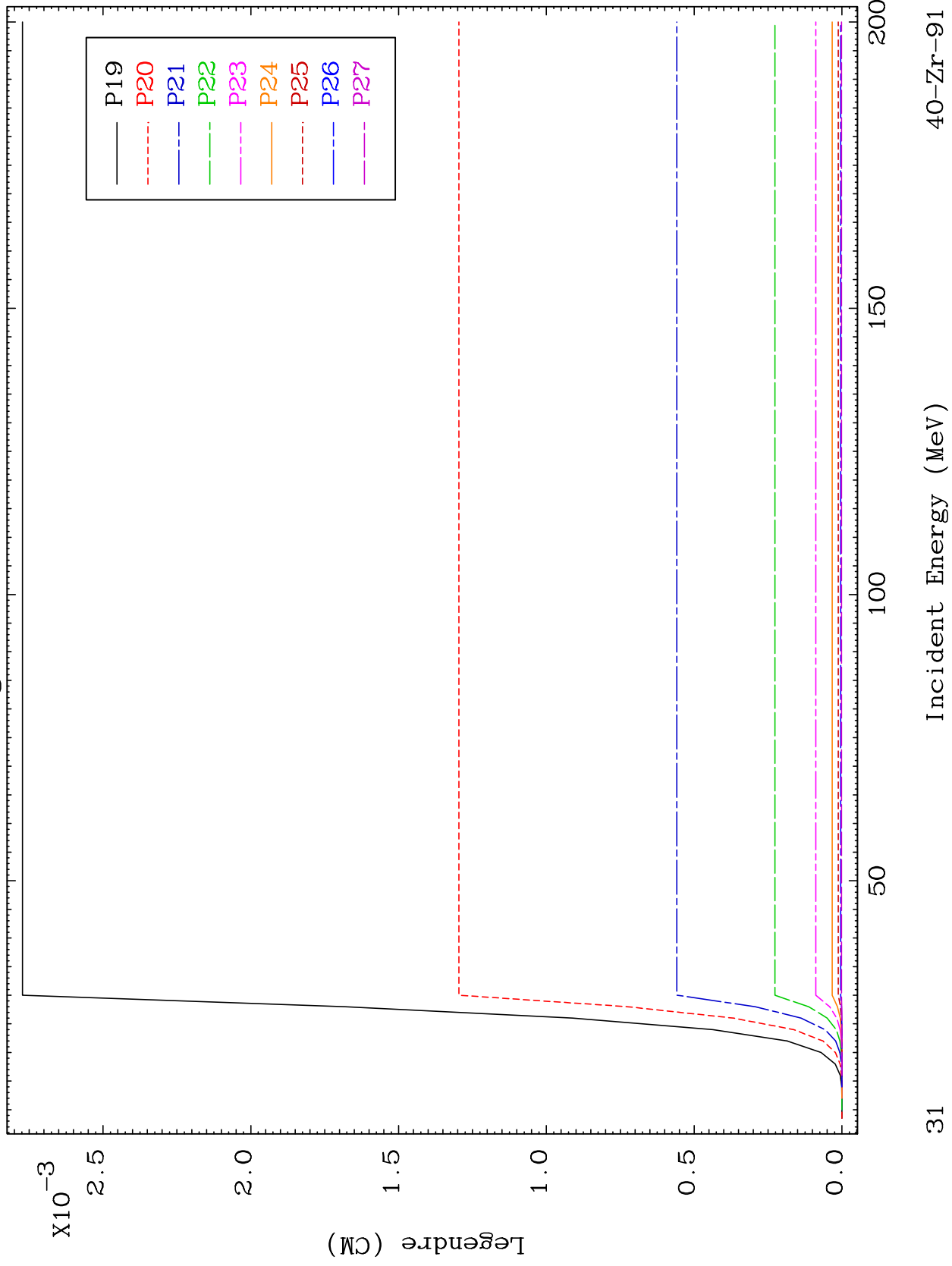




MAT 4028

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

40-Zr-91



31

Incident Energy (MeV)

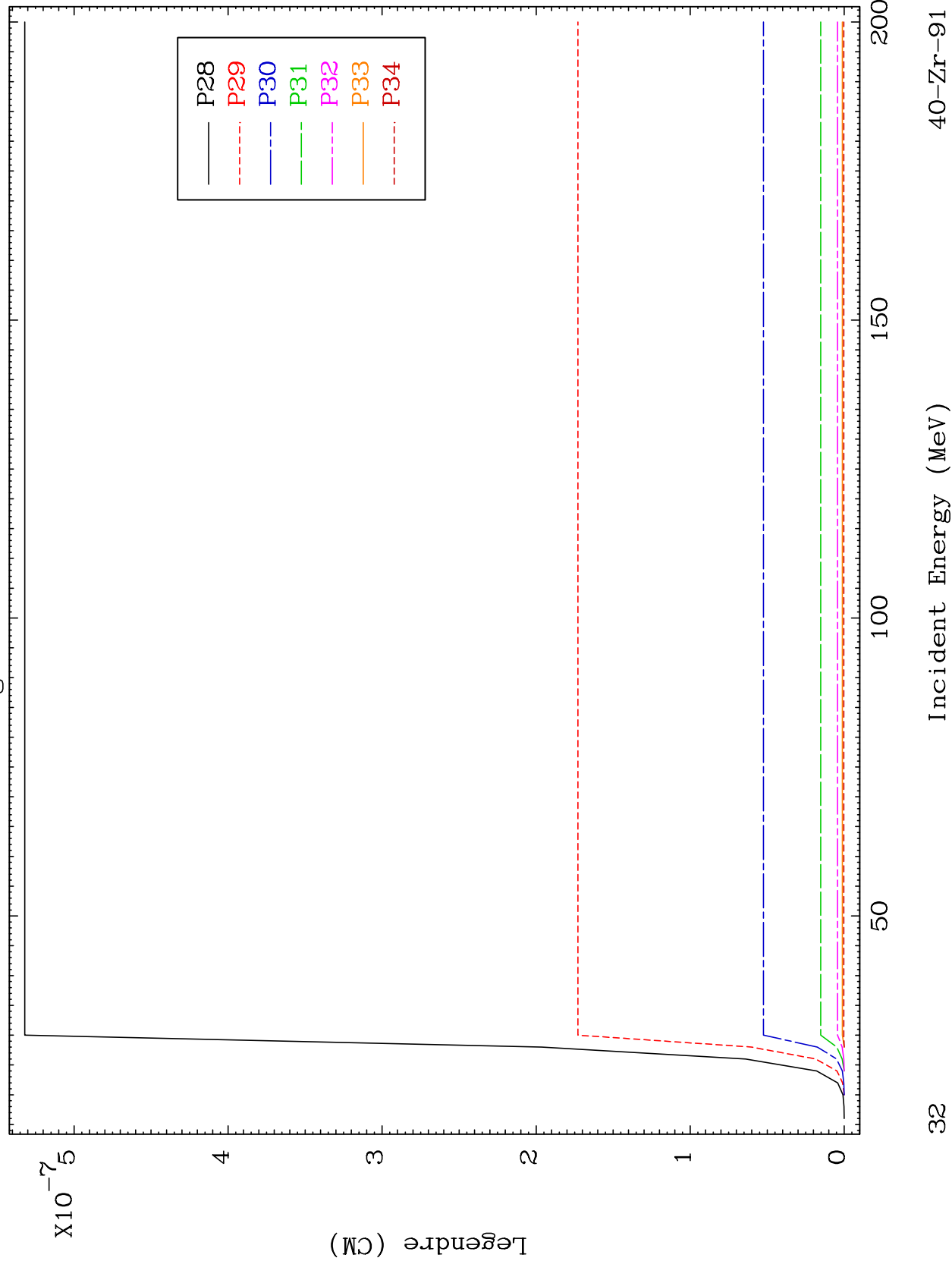
40-Zr-91



MAT 4028

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

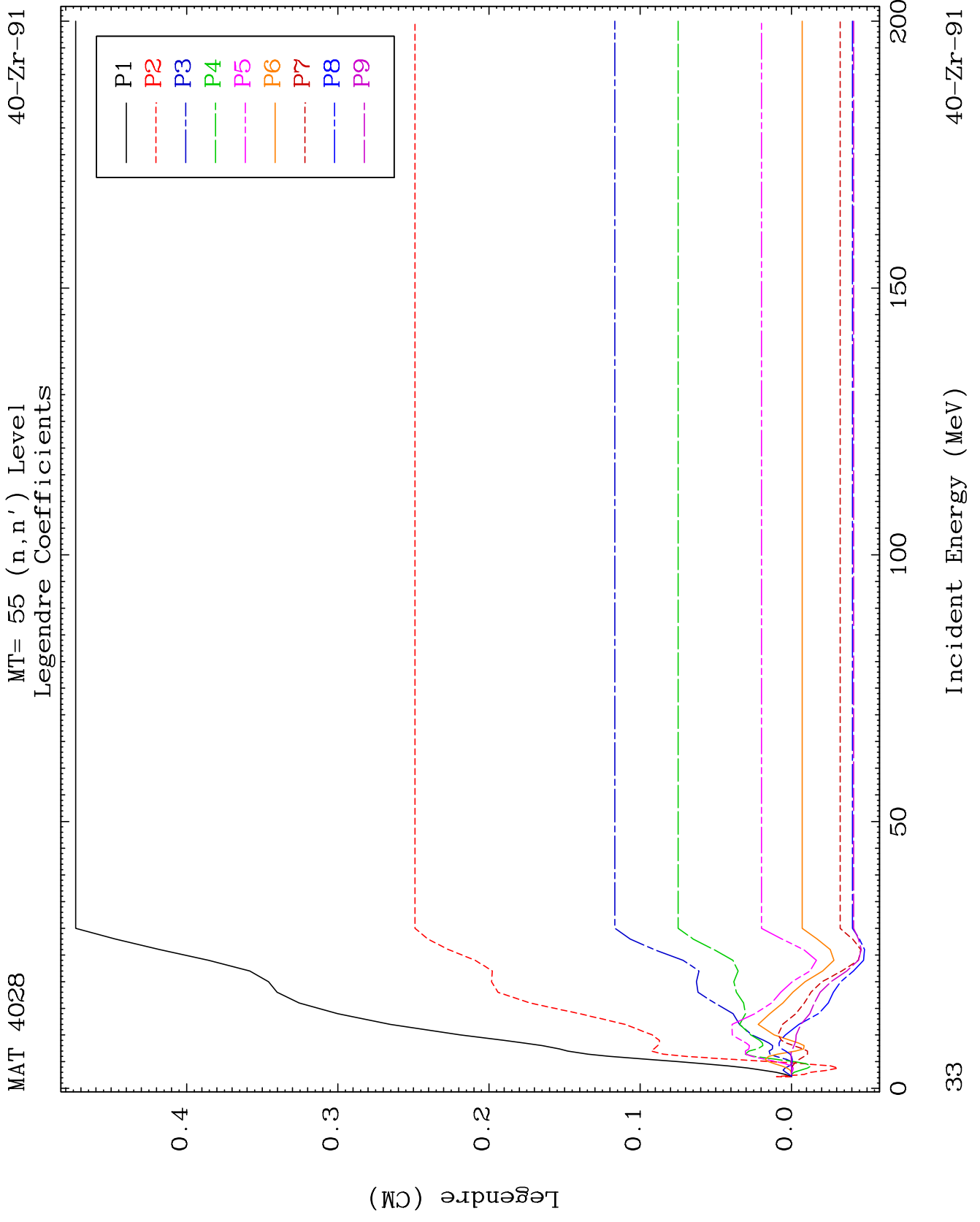
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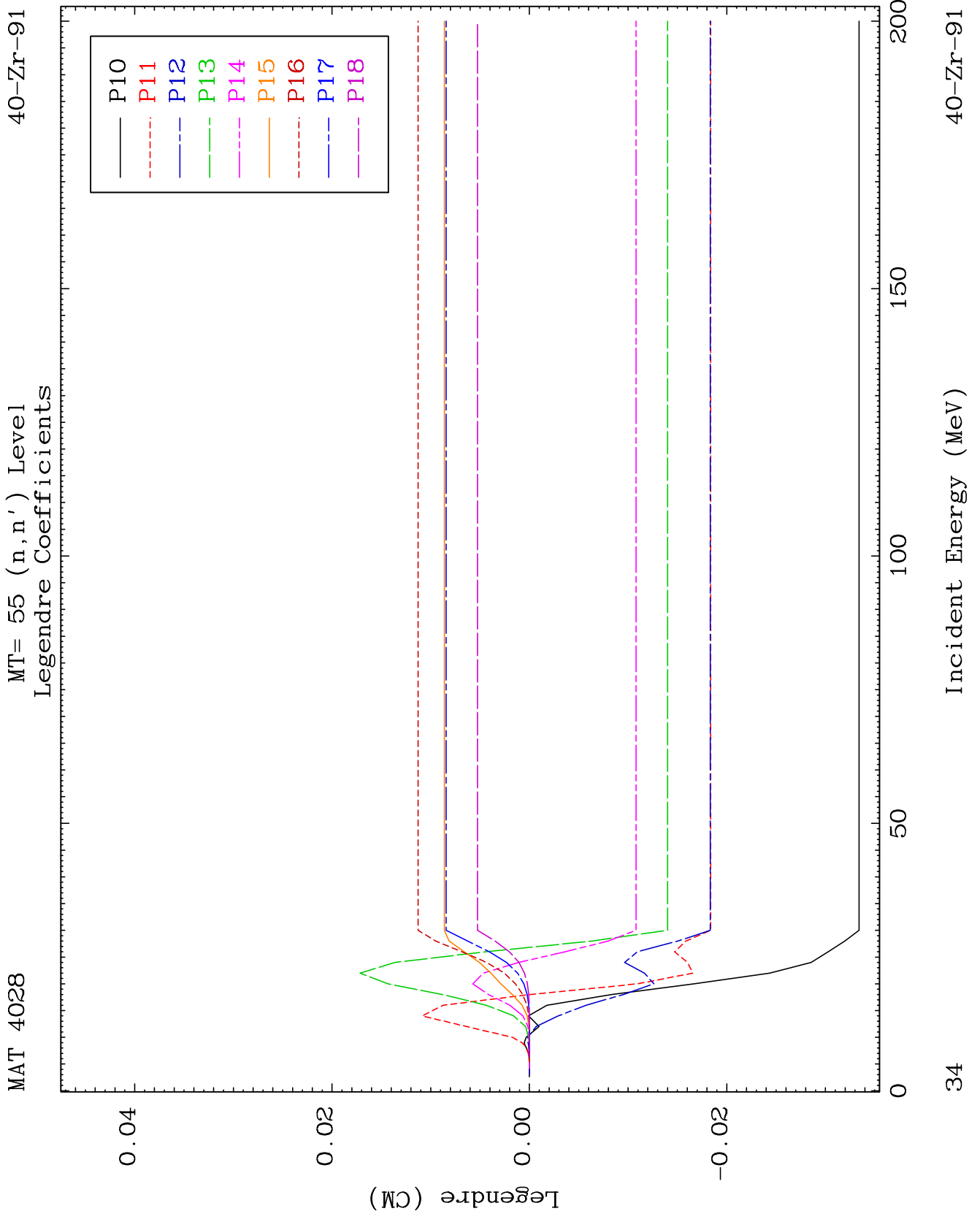


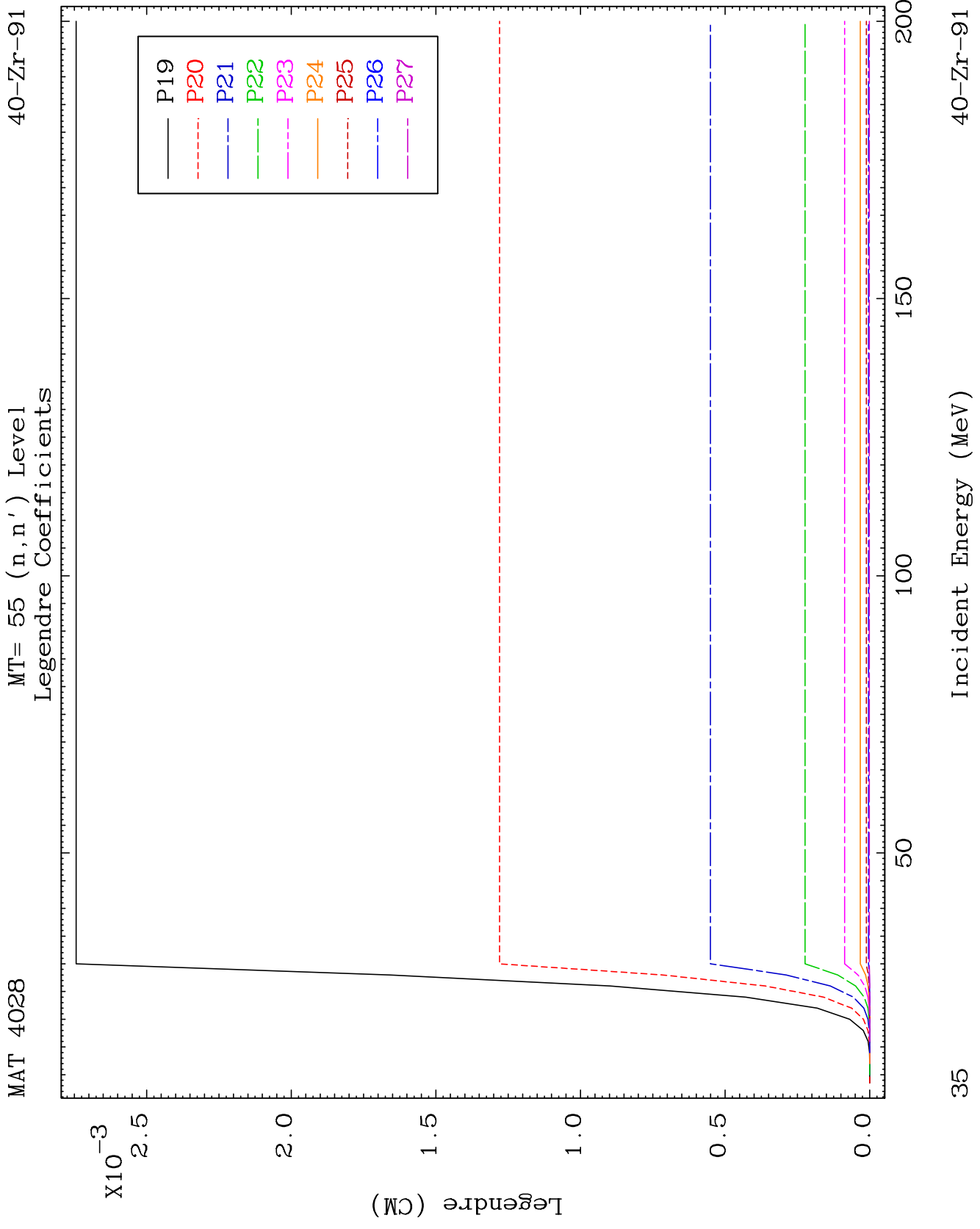
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Incident Energy (MeV)

40-Zr-91



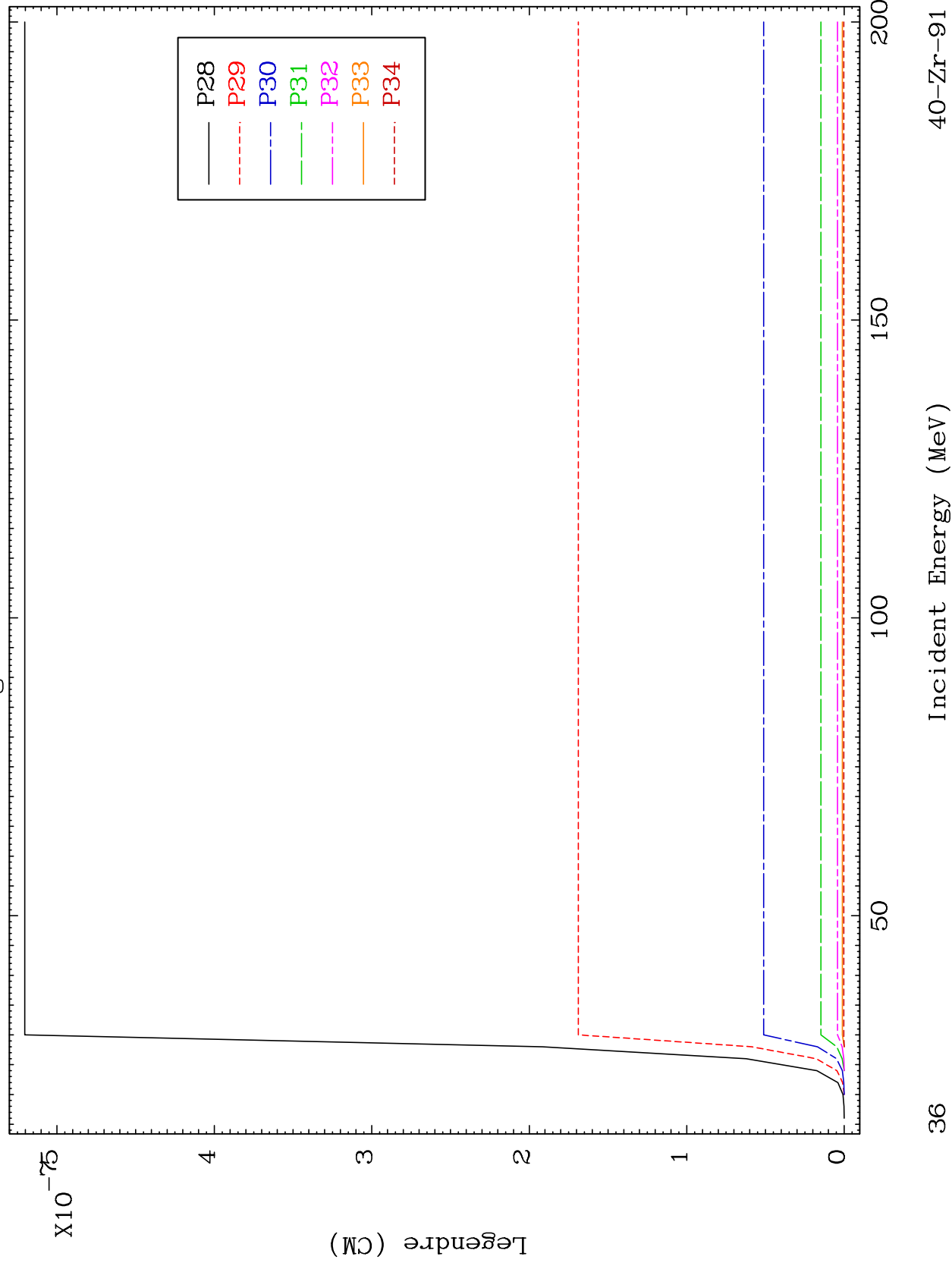


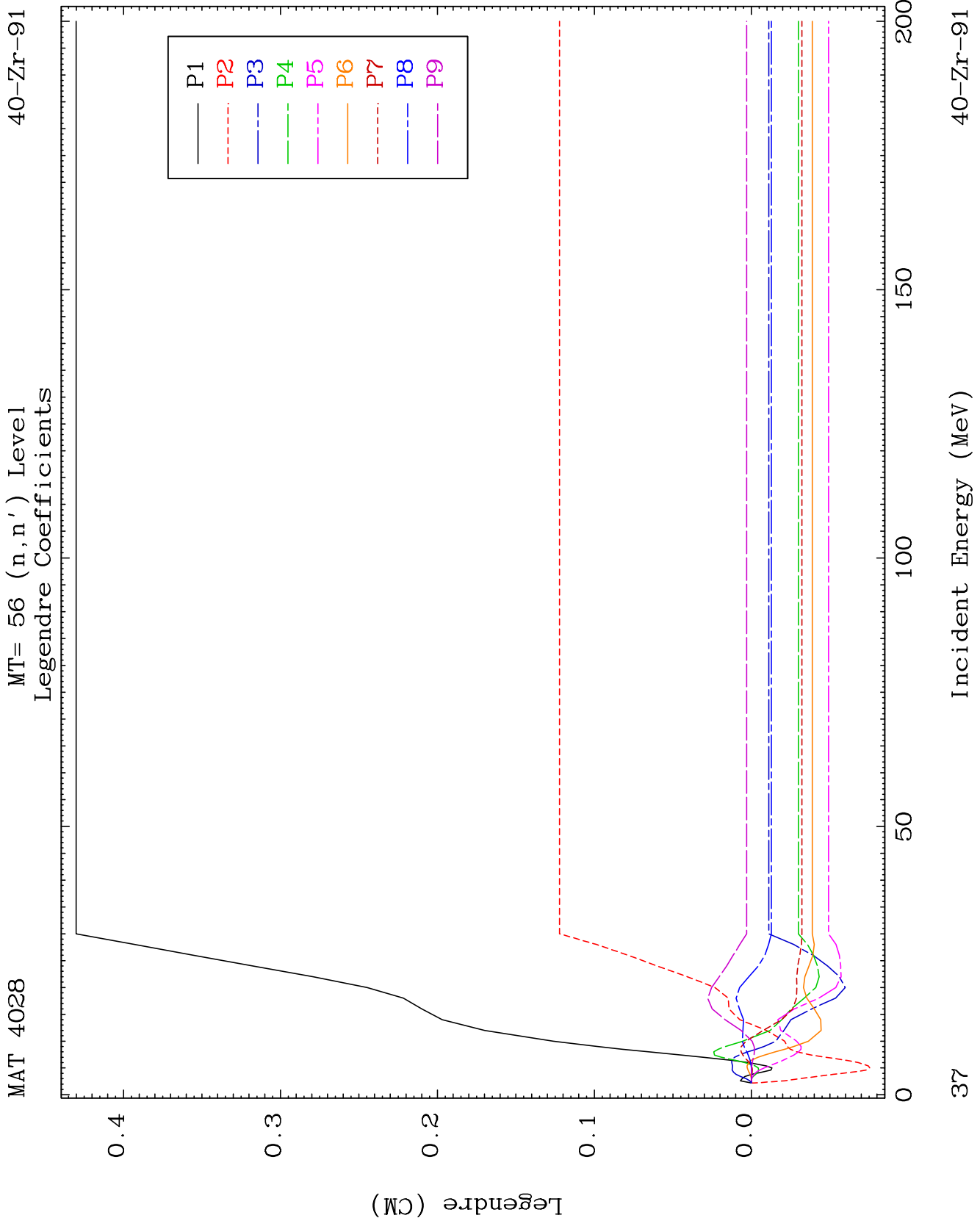


MAT 4028

MT= 55 (n,n') Level  
Legendre Coefficients

40-Zr-91

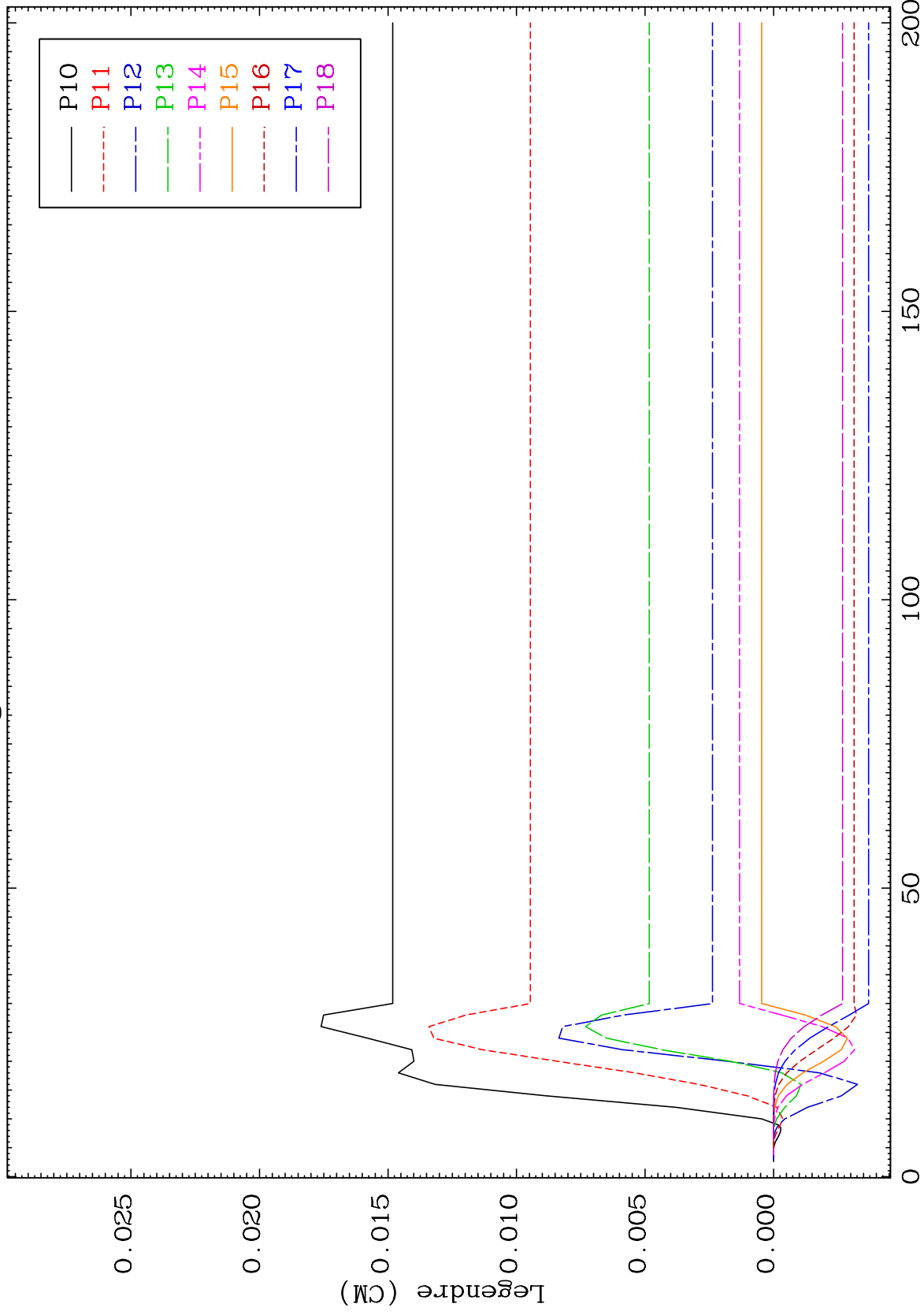




MAT 4028

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Legendre Coefficients

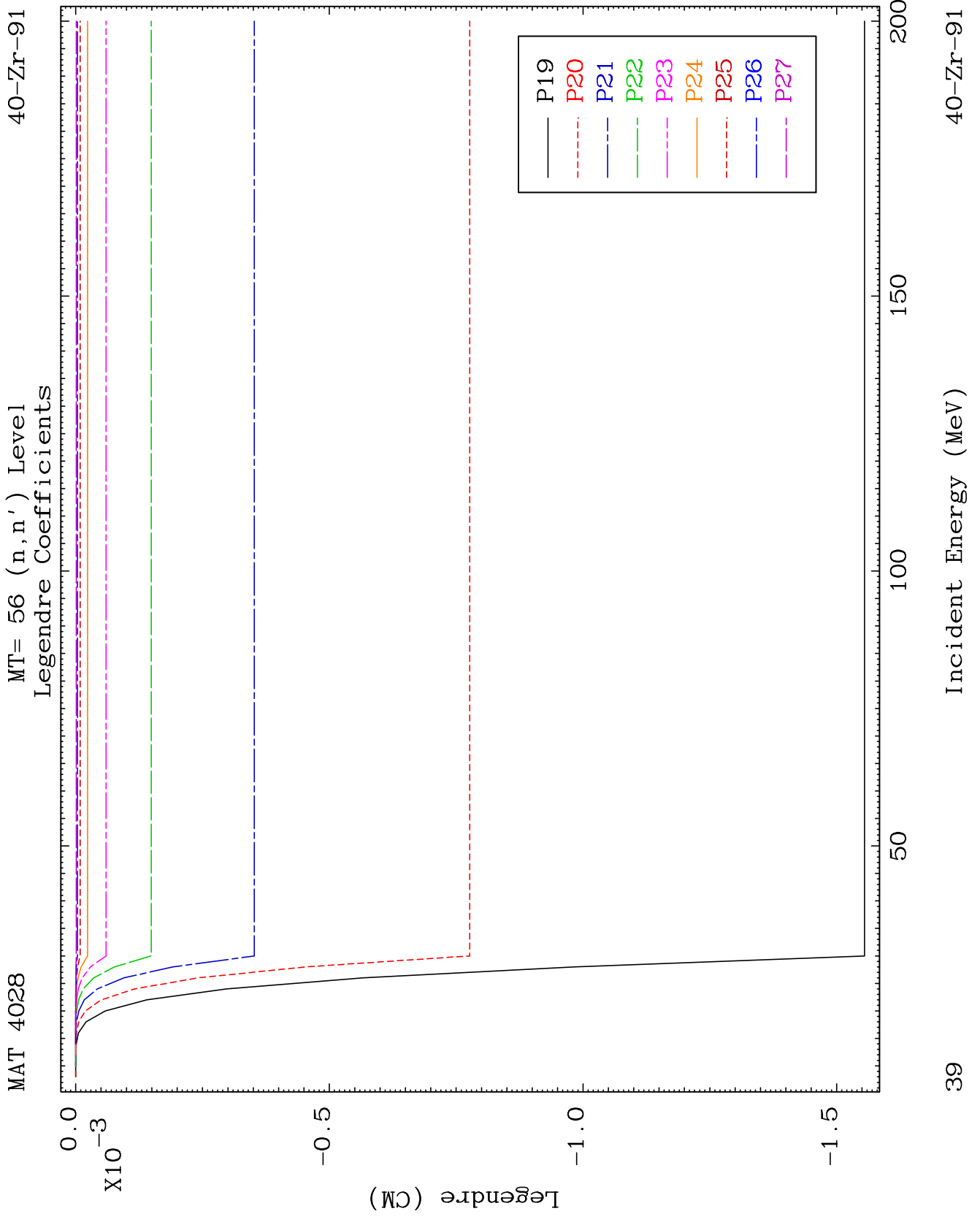
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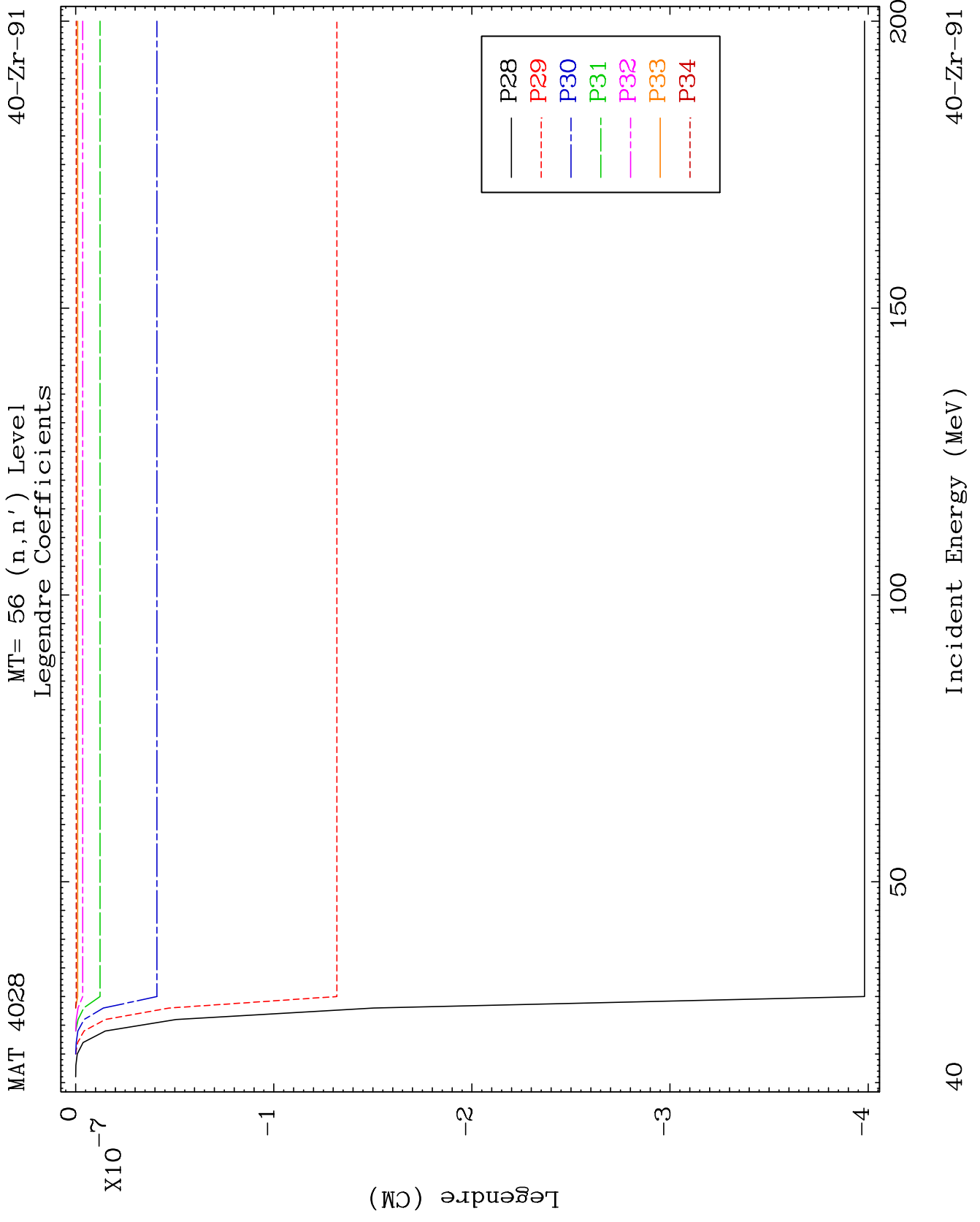
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Incident Energy (MeV)

40-Zr-91



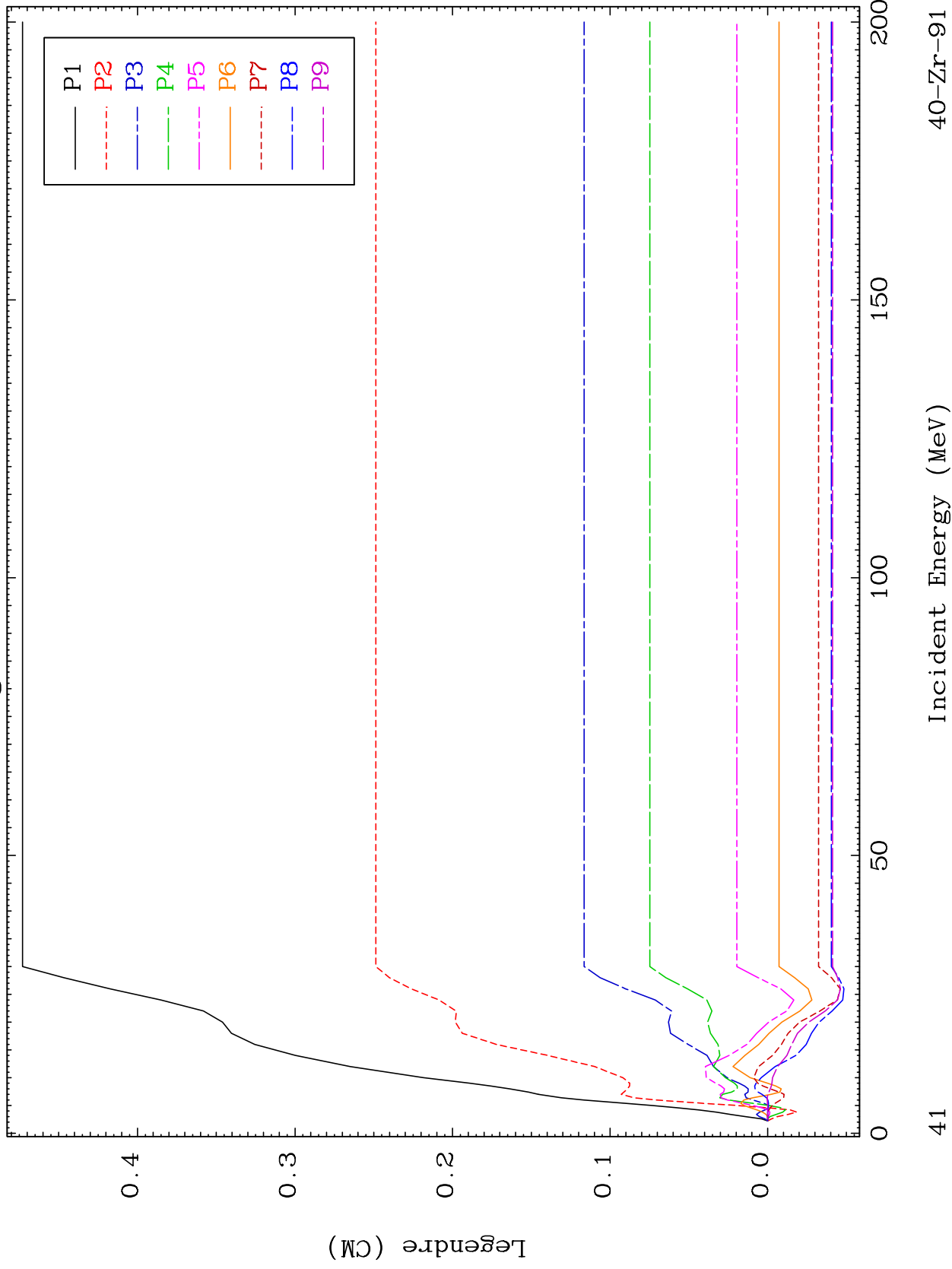




MAT 4028

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

40-Zr-91



41

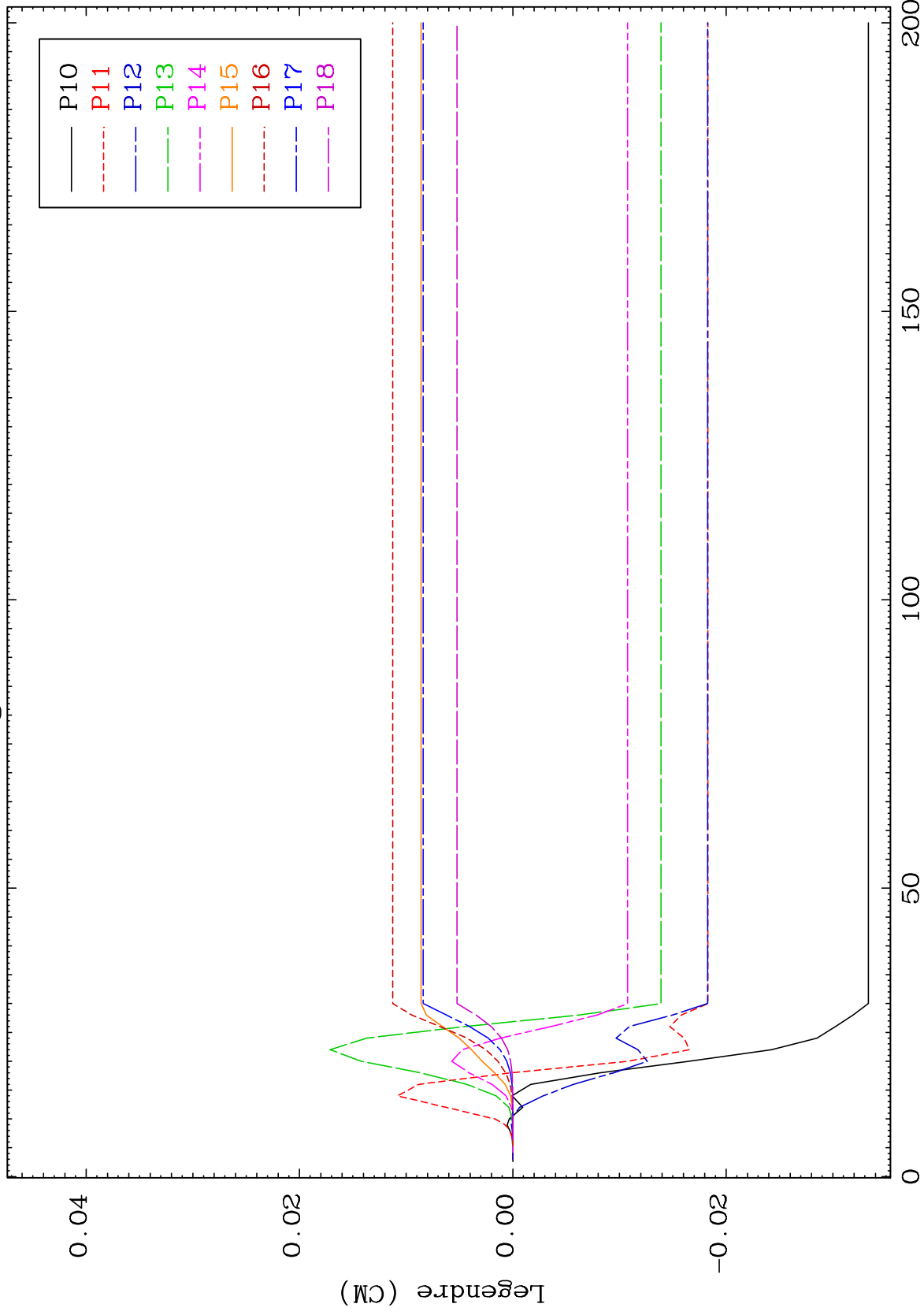
Incident Energy (MeV)

40-Zr-91

MAT 4028

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

40-Zr-91



42

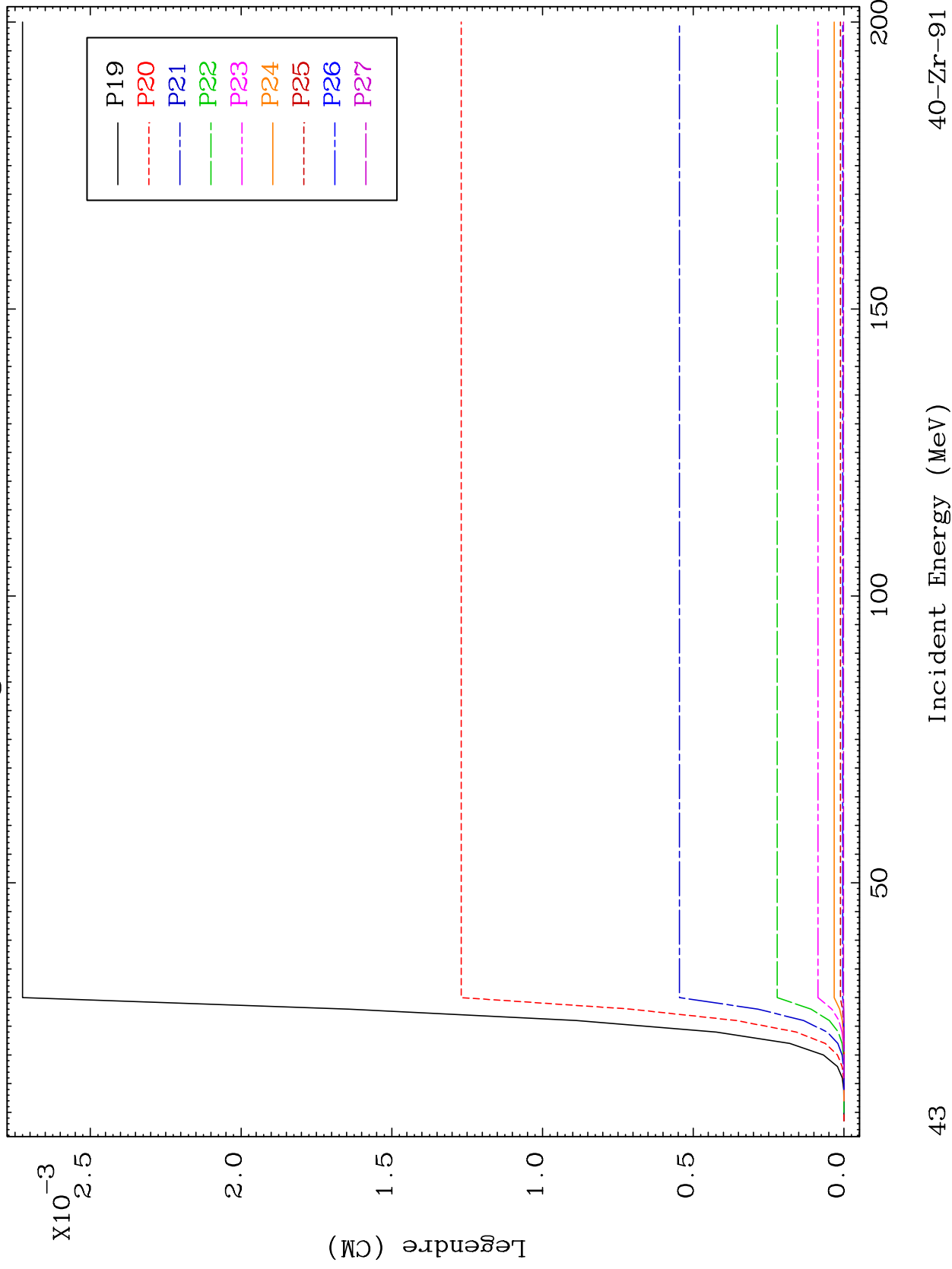
Incident Energy (MeV)

40-Zr-91

MAT 4028

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

40-Zr-91



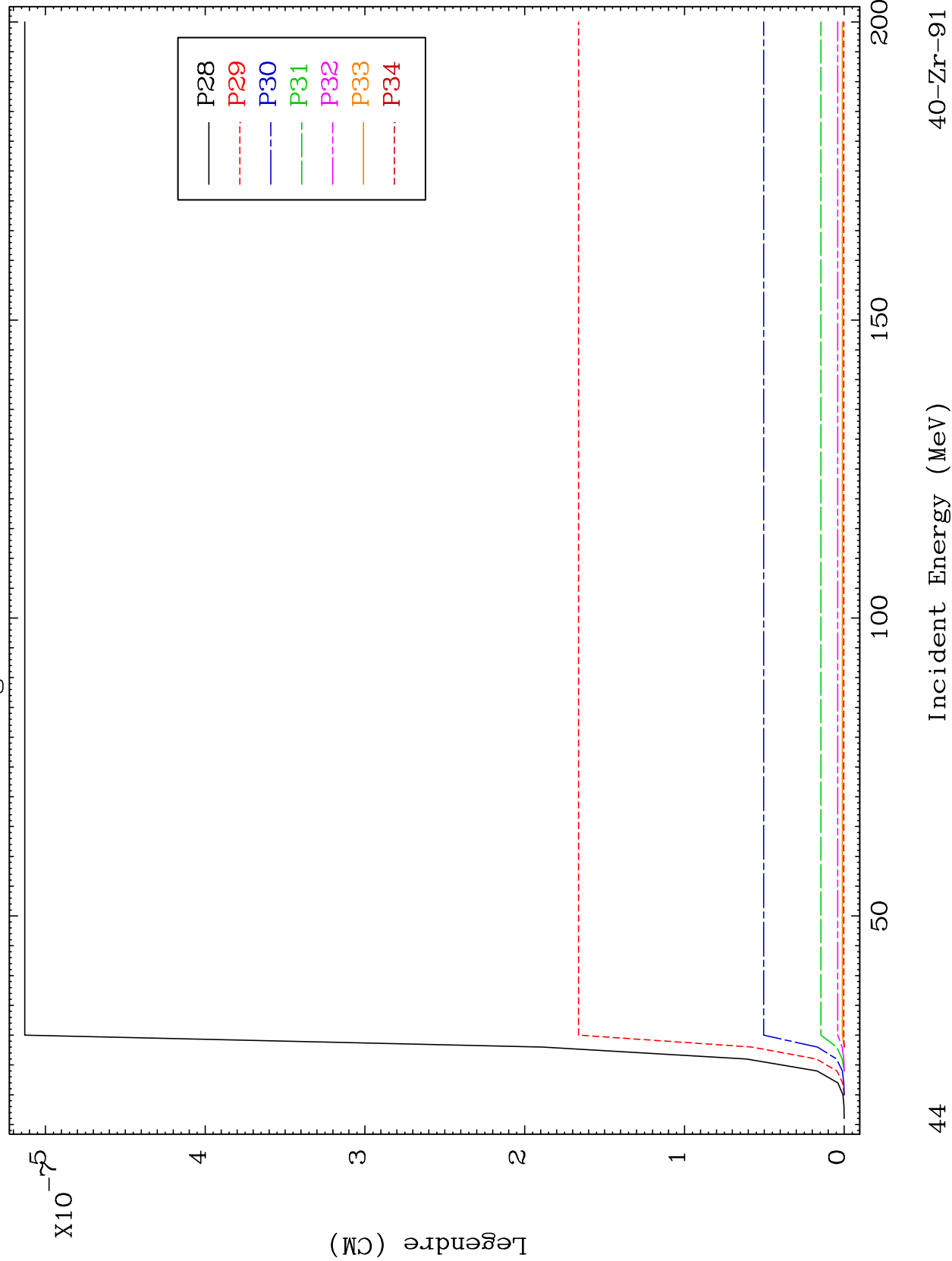
43

40-Zr-91

MAT 4028

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

40-Zr-91

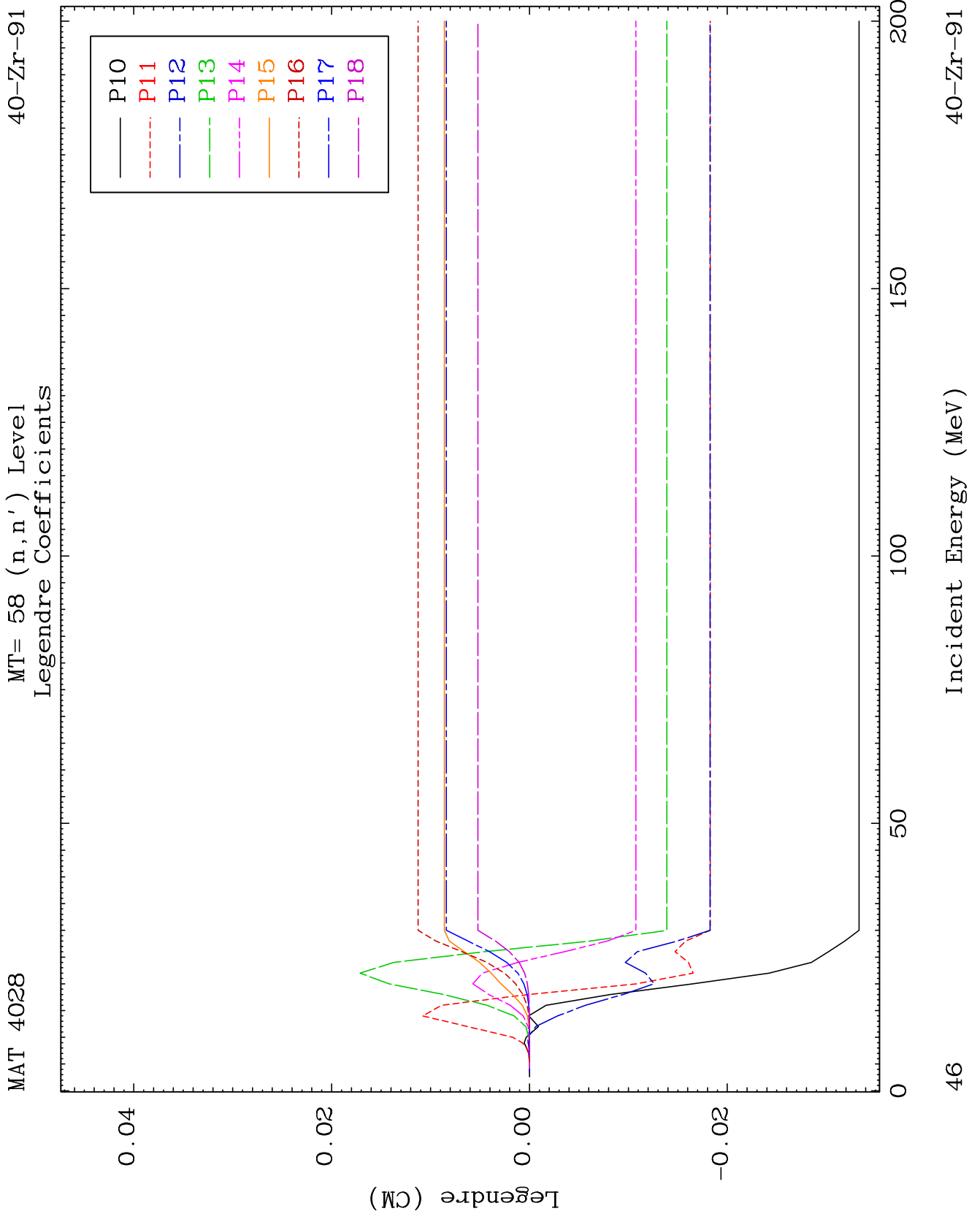


44

Incident Energy (MeV)

40-Zr-91

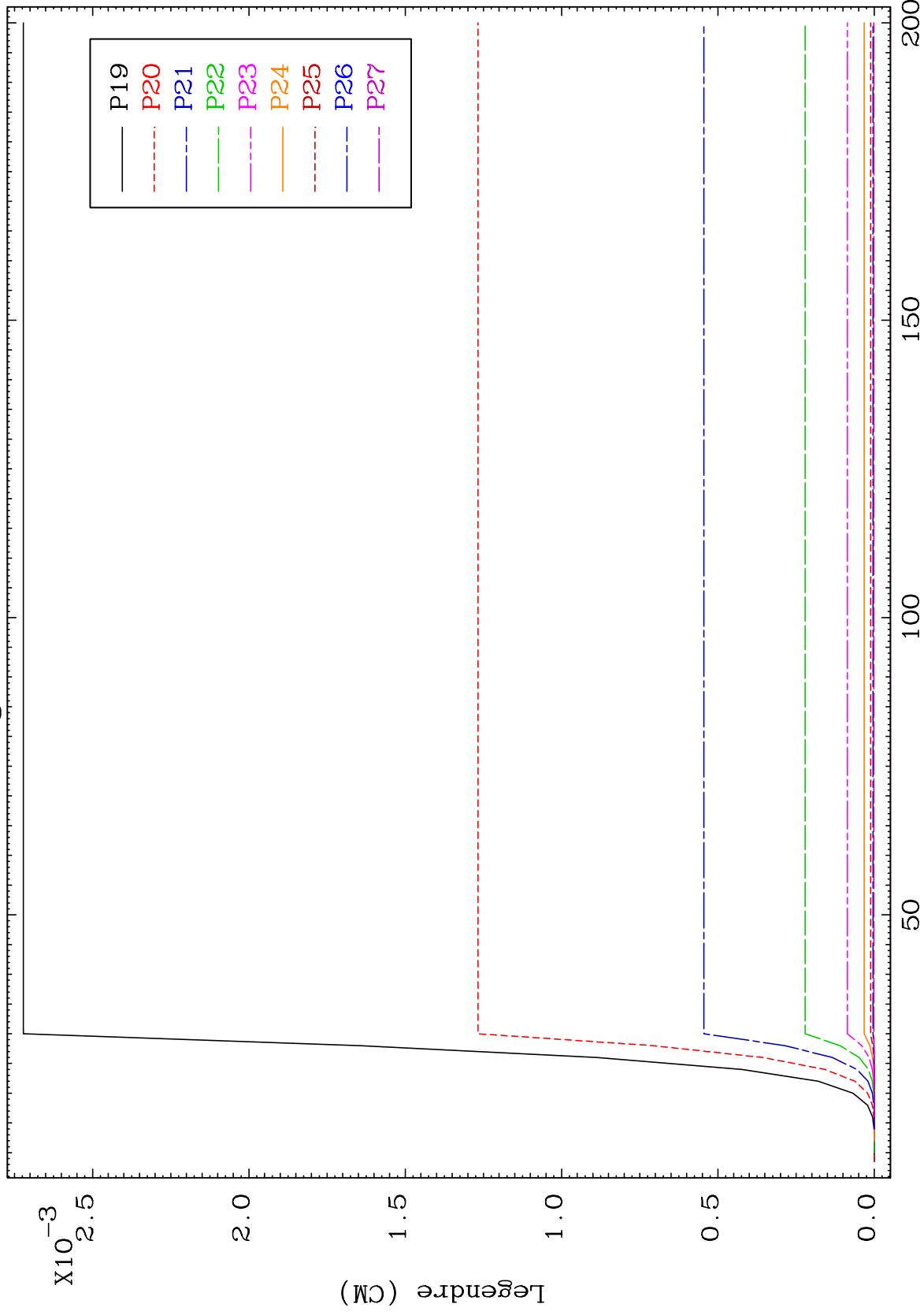




MAT 4028

MT= 58 (n,n') Level  
Legendre Coefficients

40-Zr-91



47

Incident Energy (MeV)

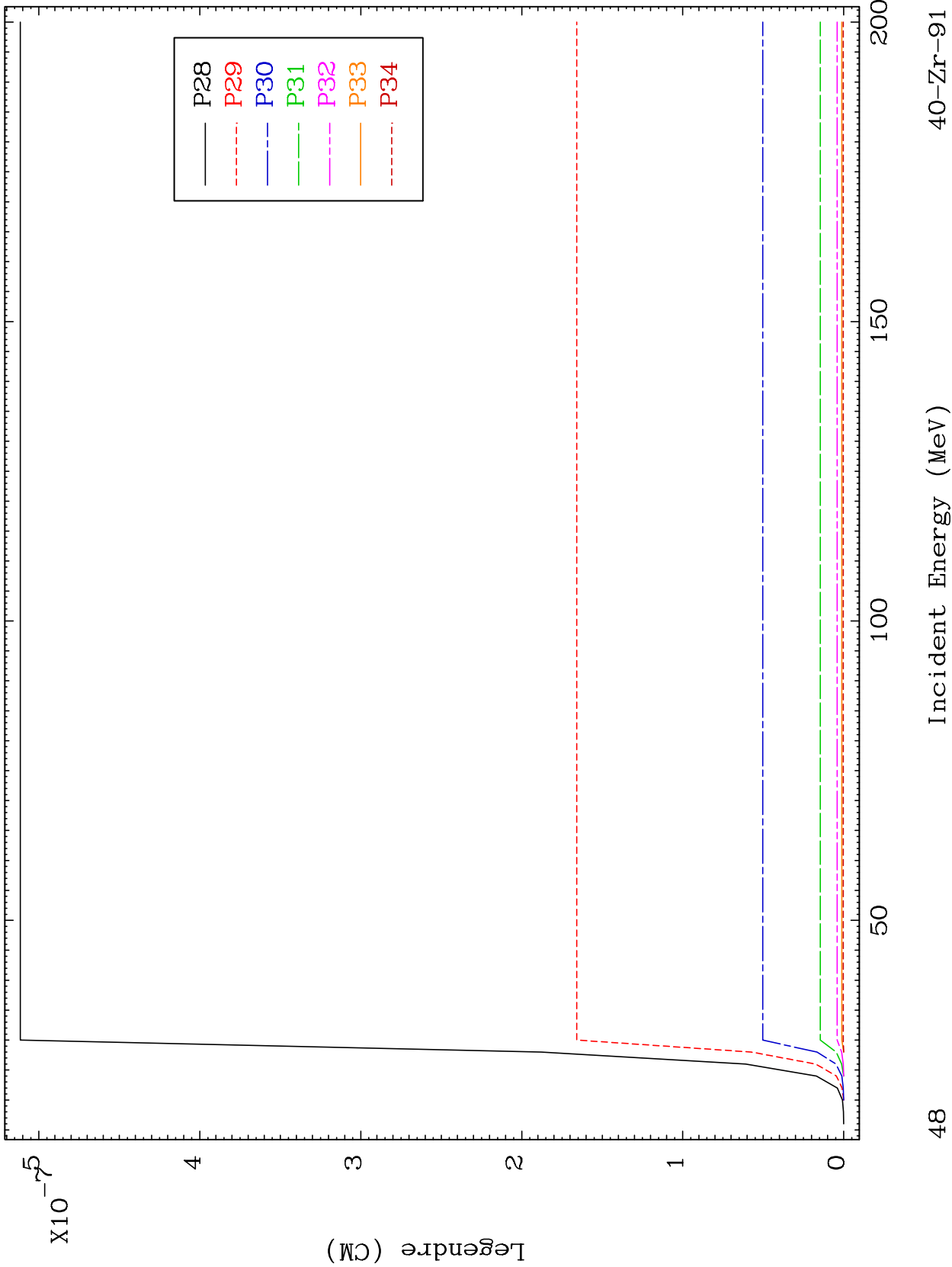
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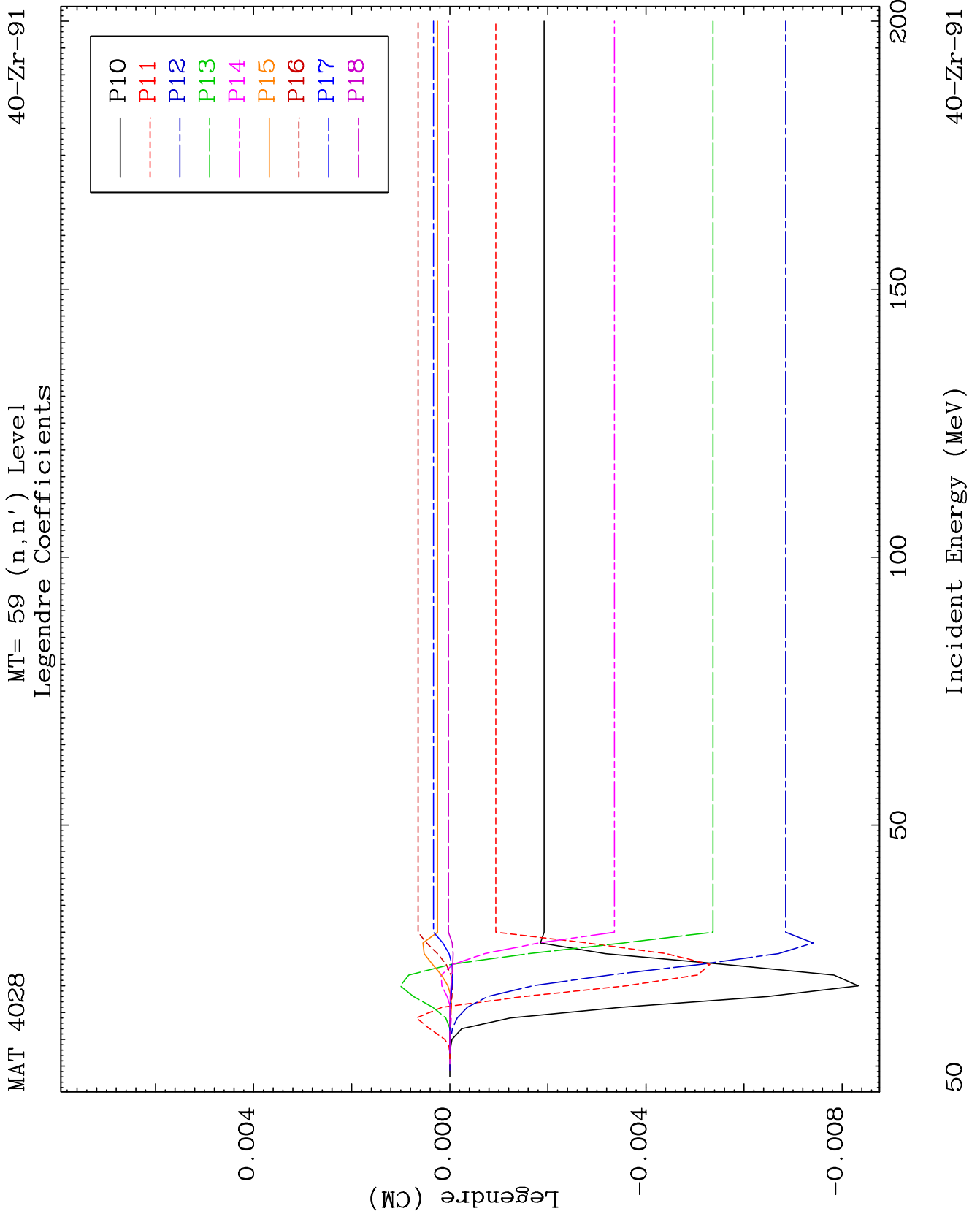
MAT 4028

MT= 58 (n,n') Level  
Legendre Coefficients

40-Zr-91



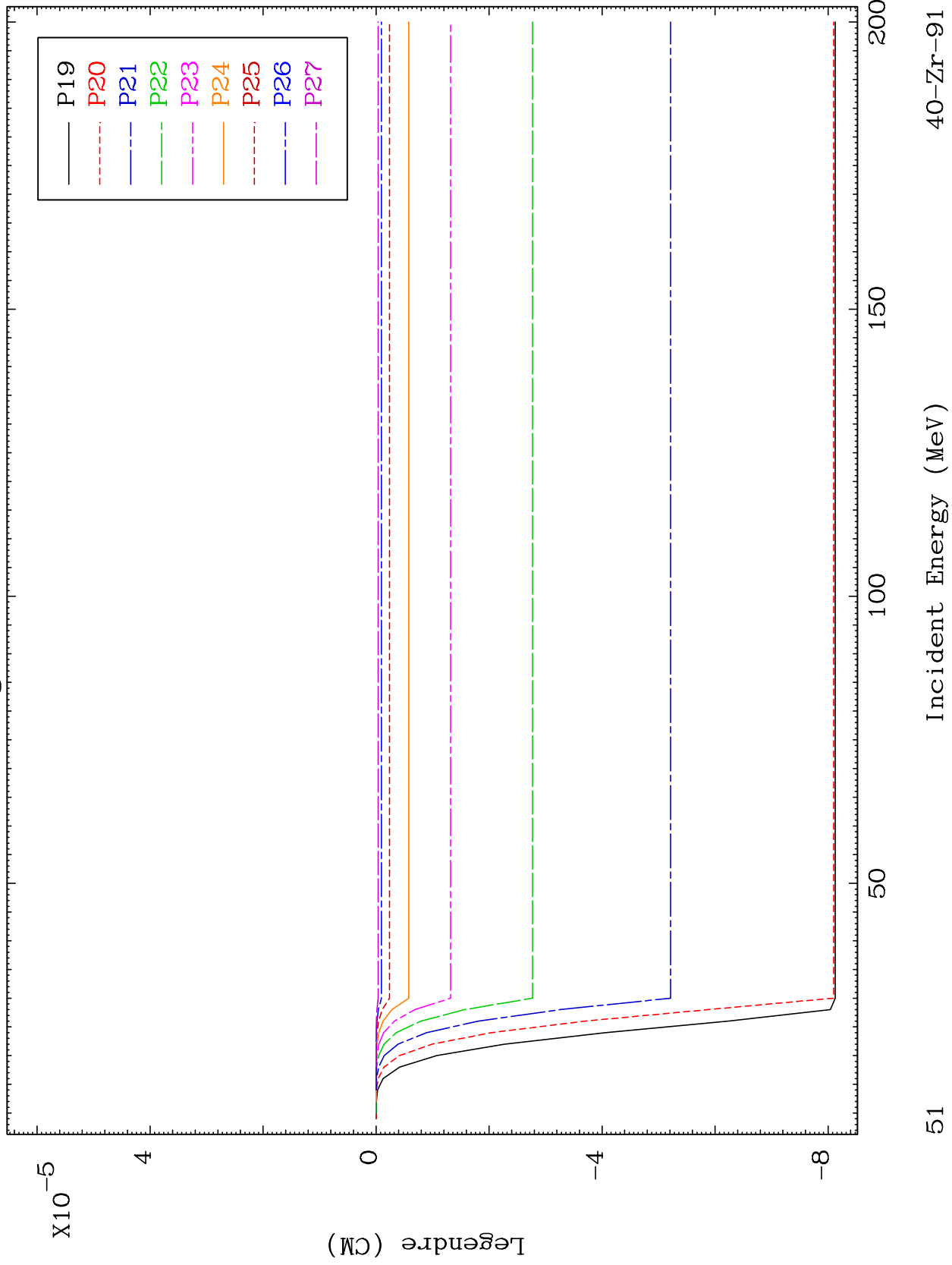


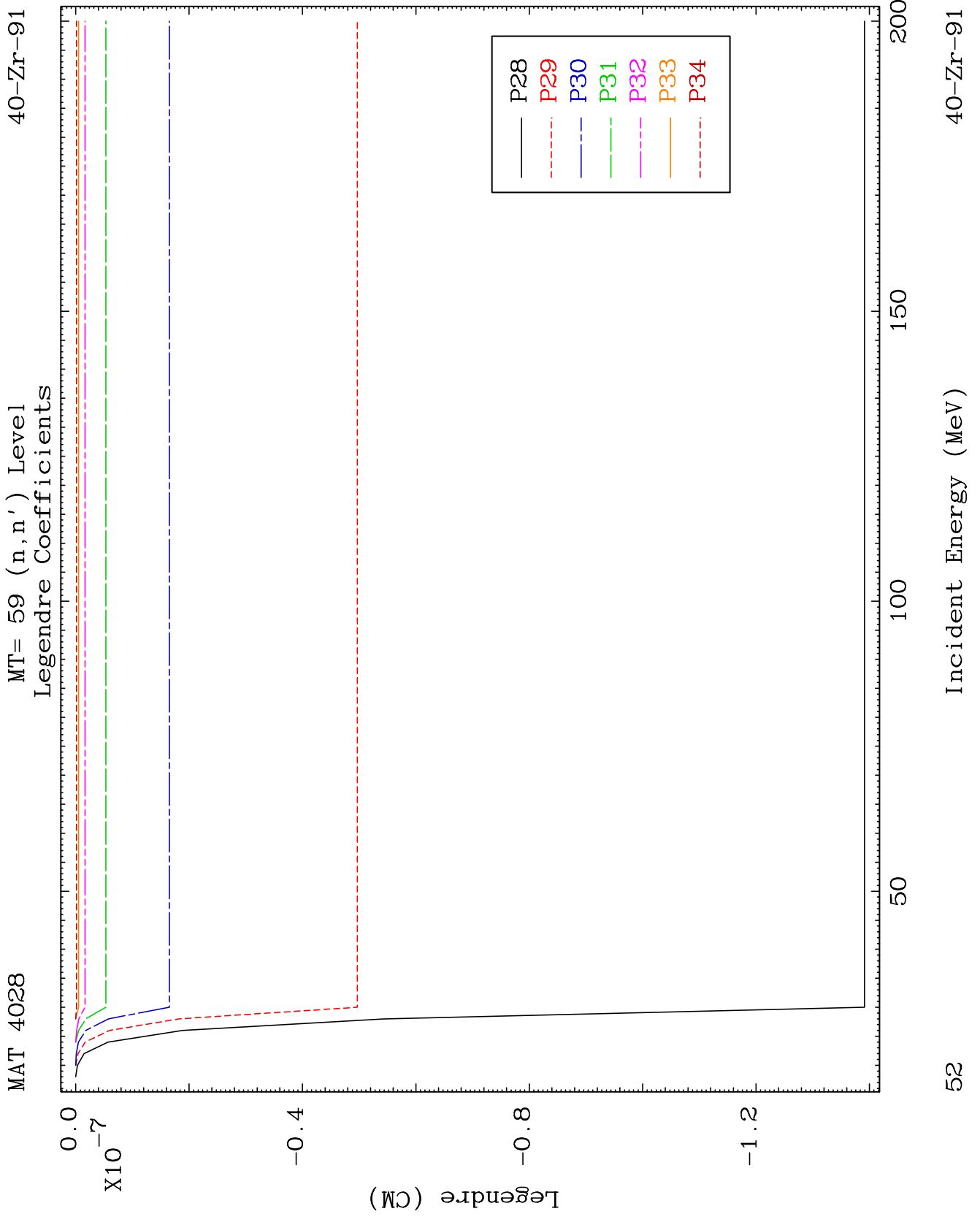


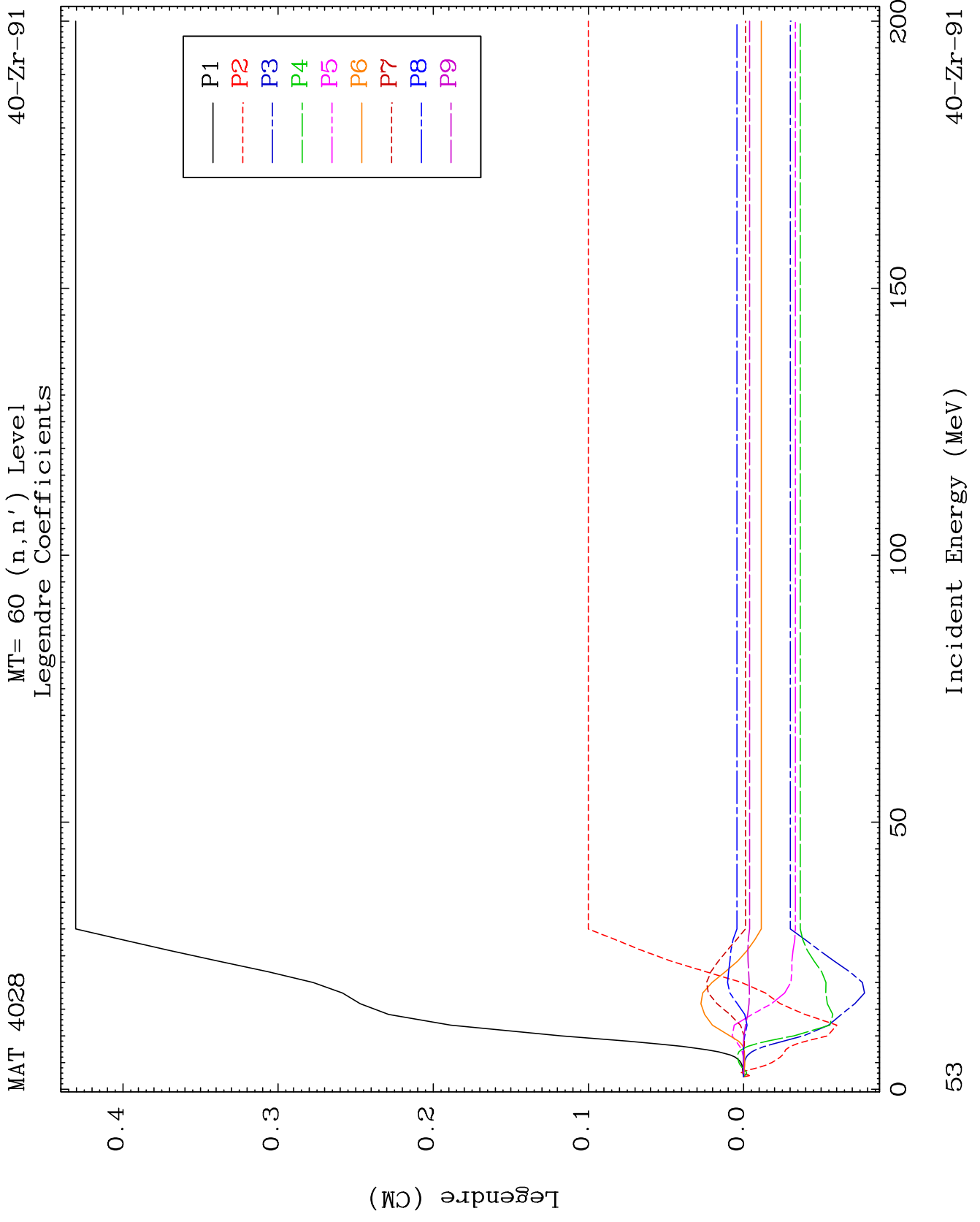
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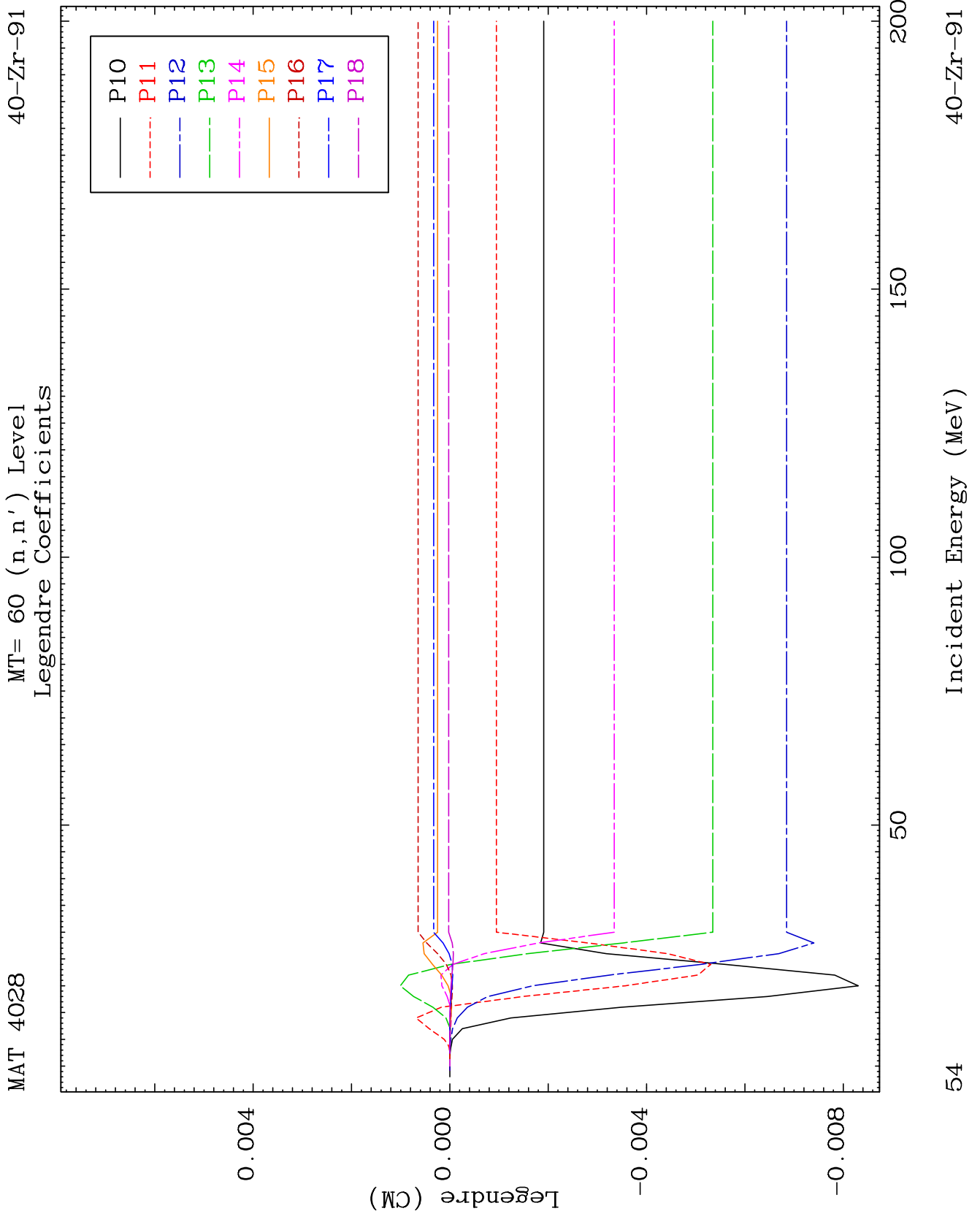
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Legendre Coefficients

40-Zr-91





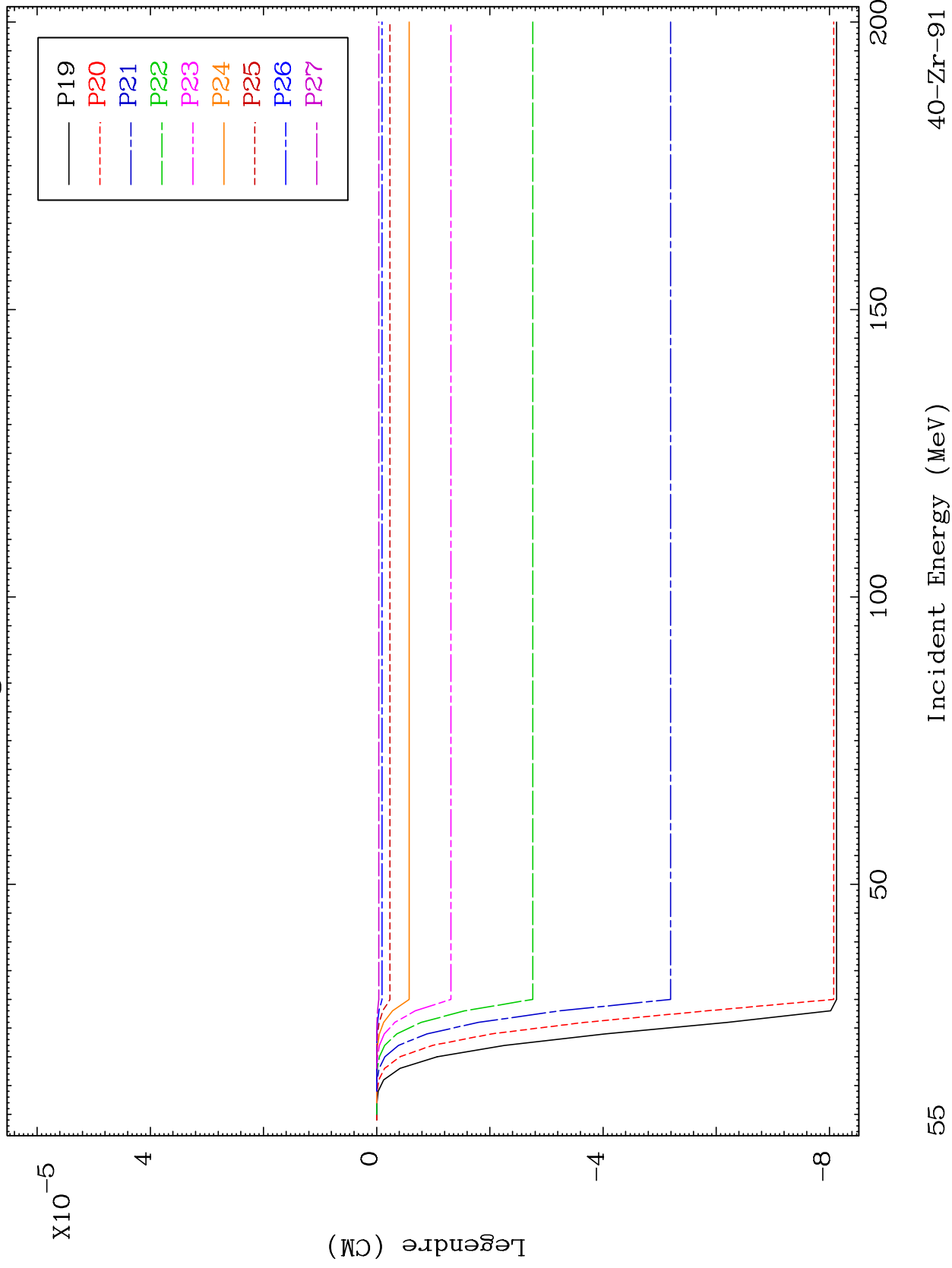




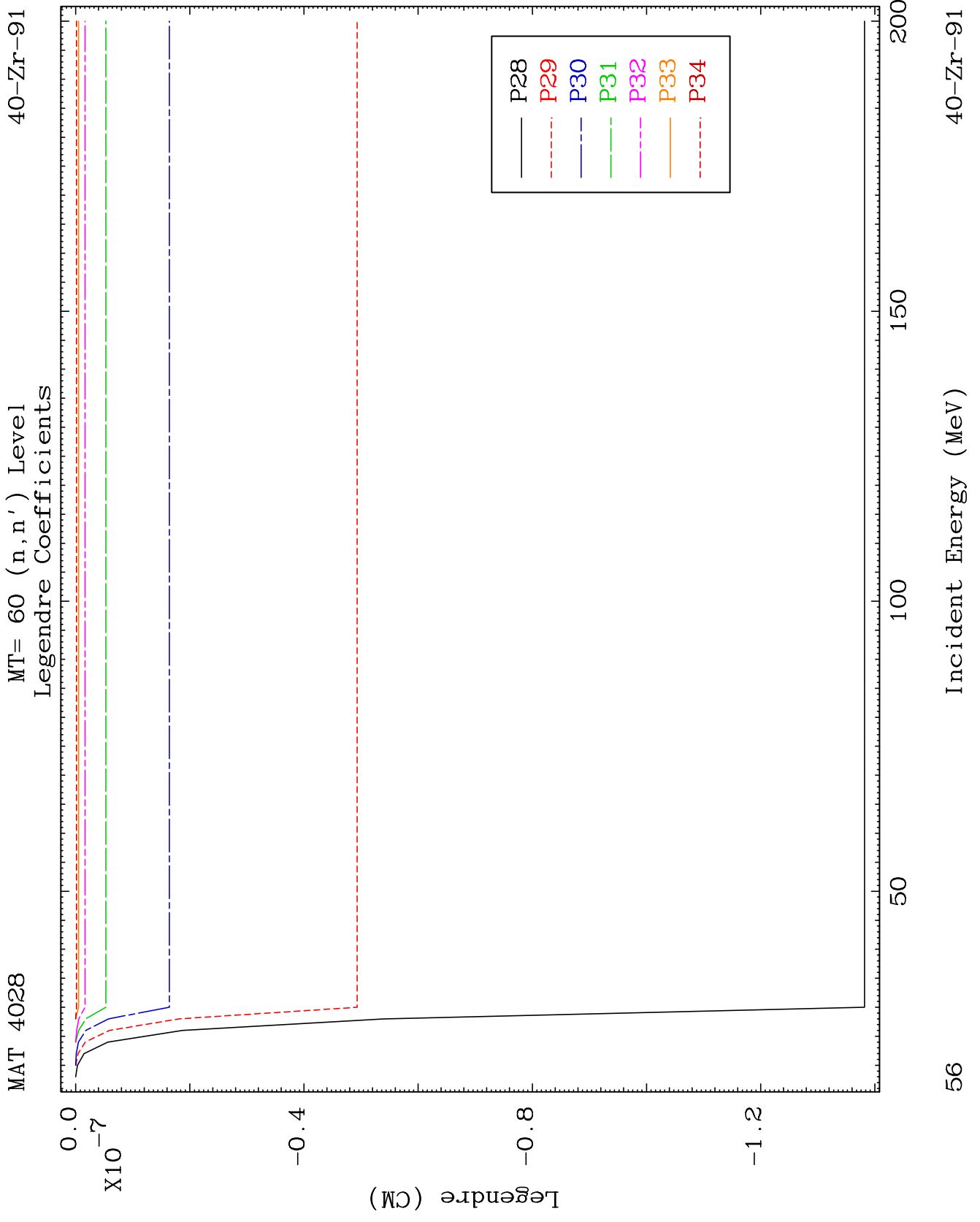
MAT 4028

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

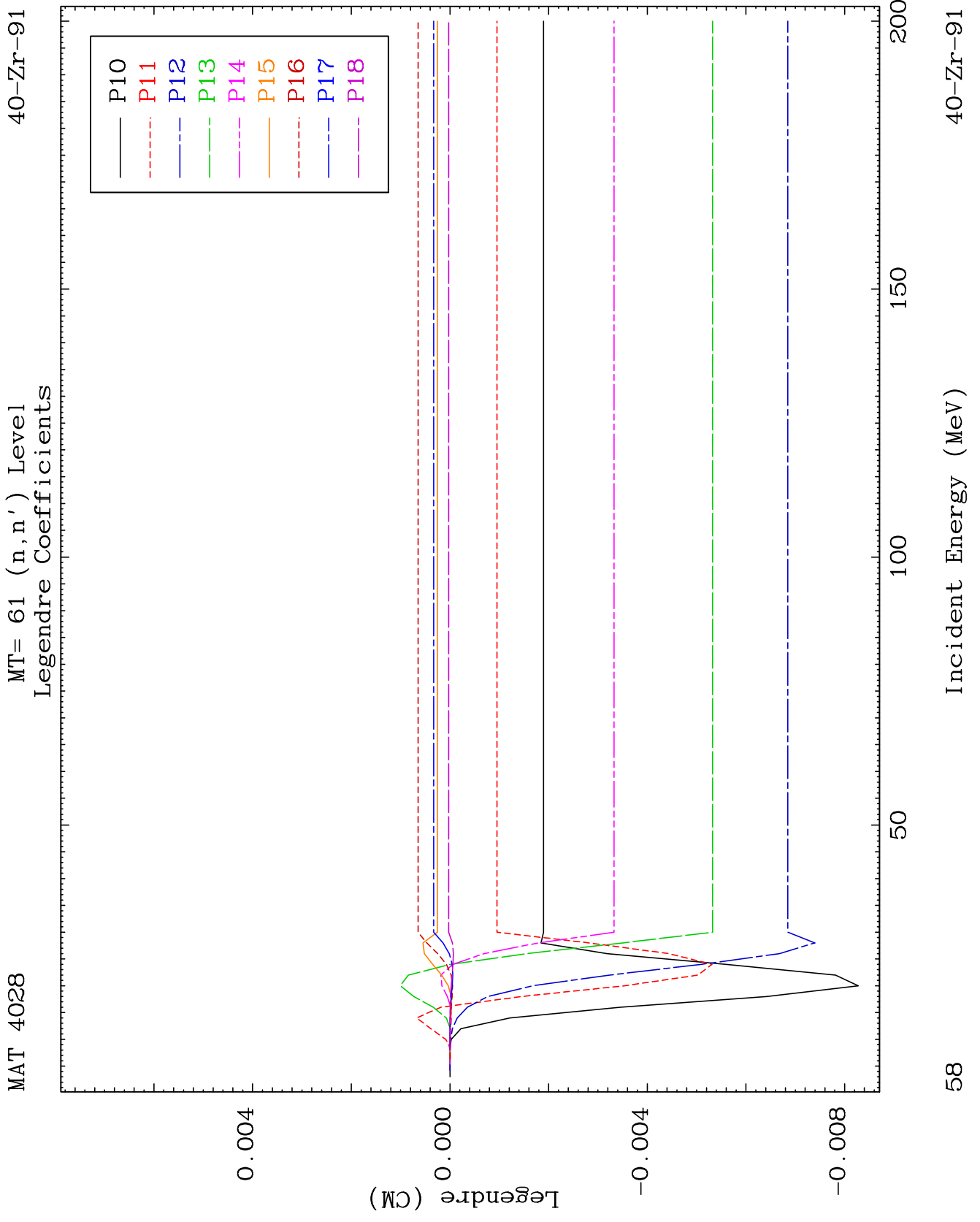
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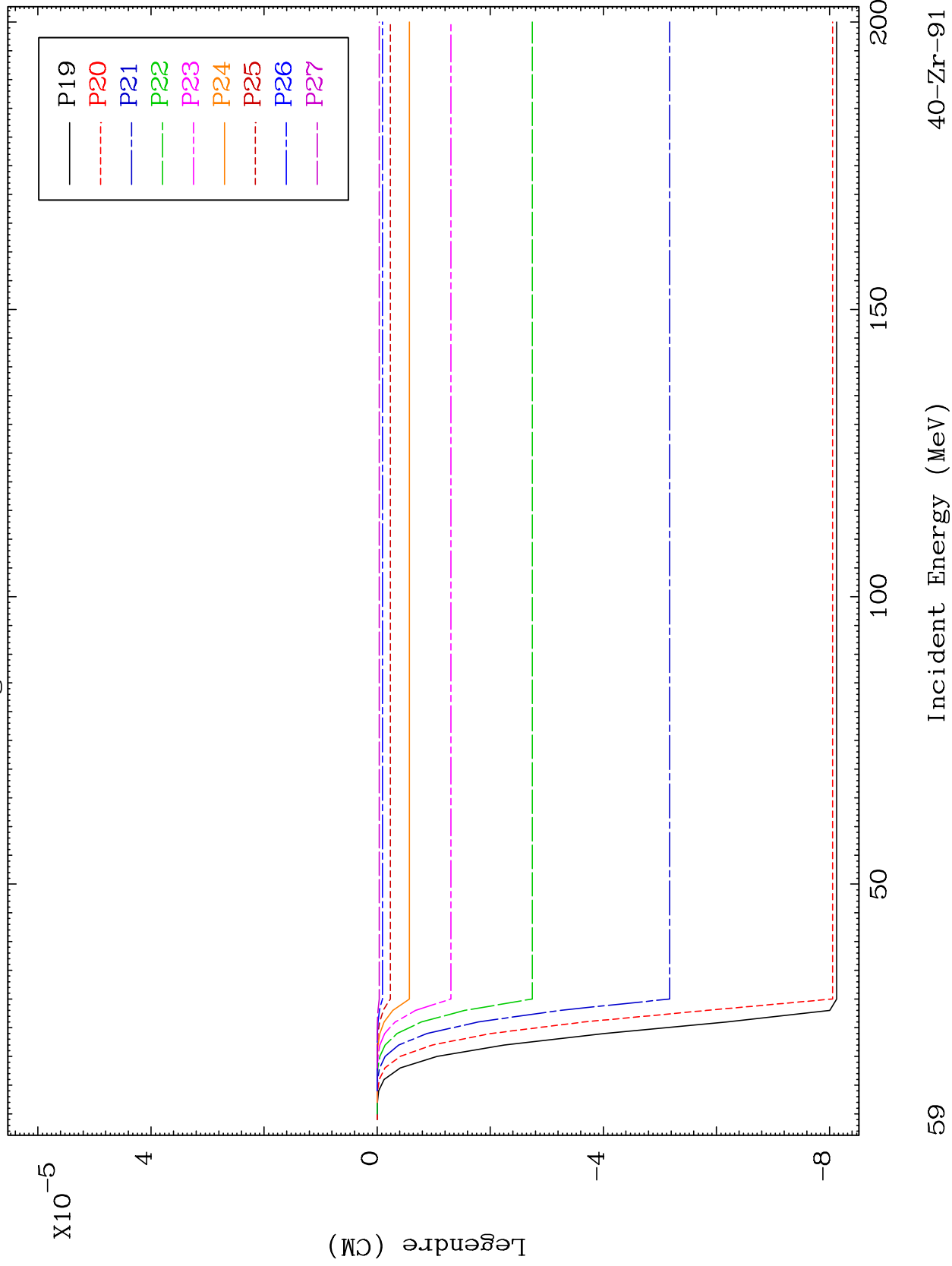


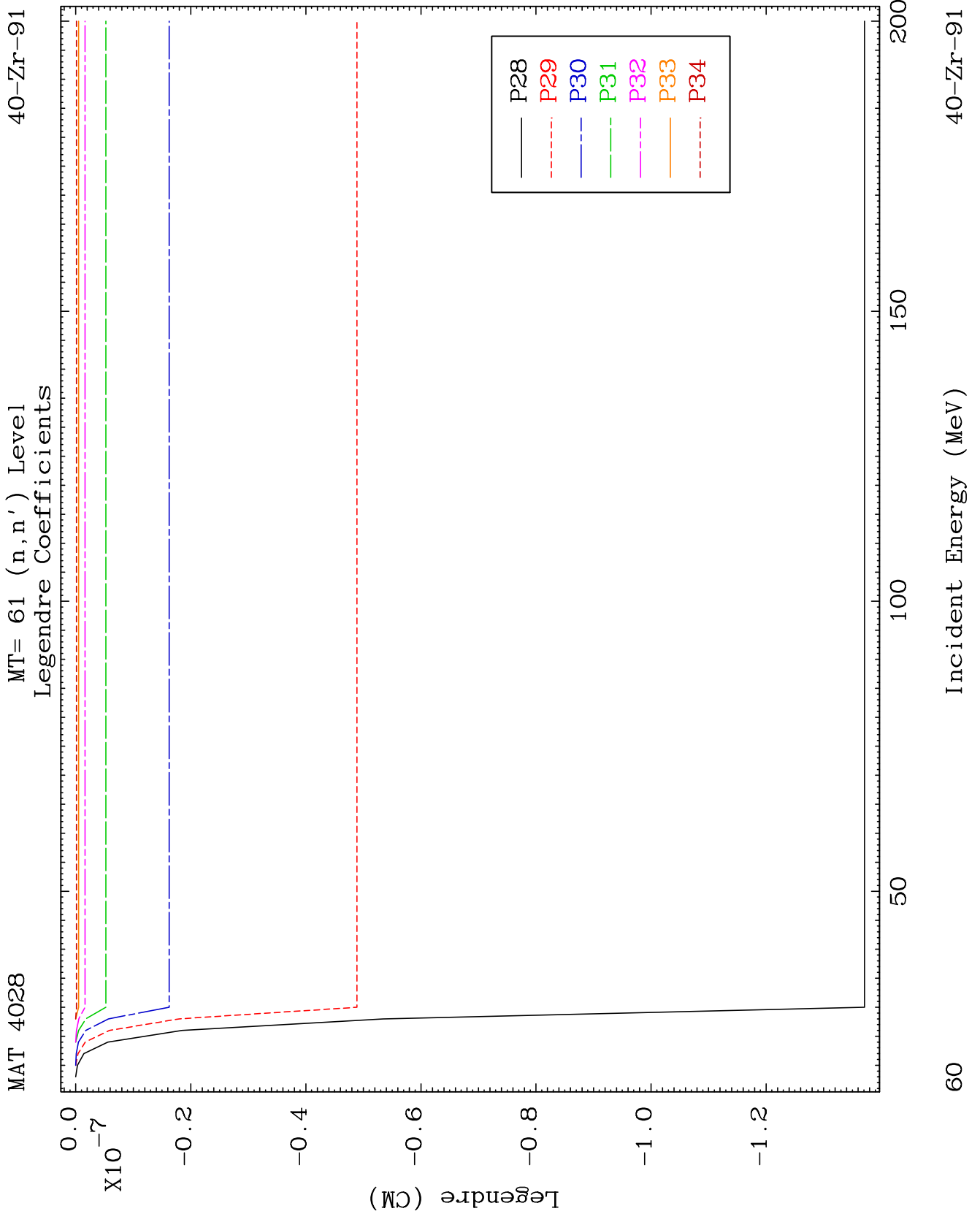


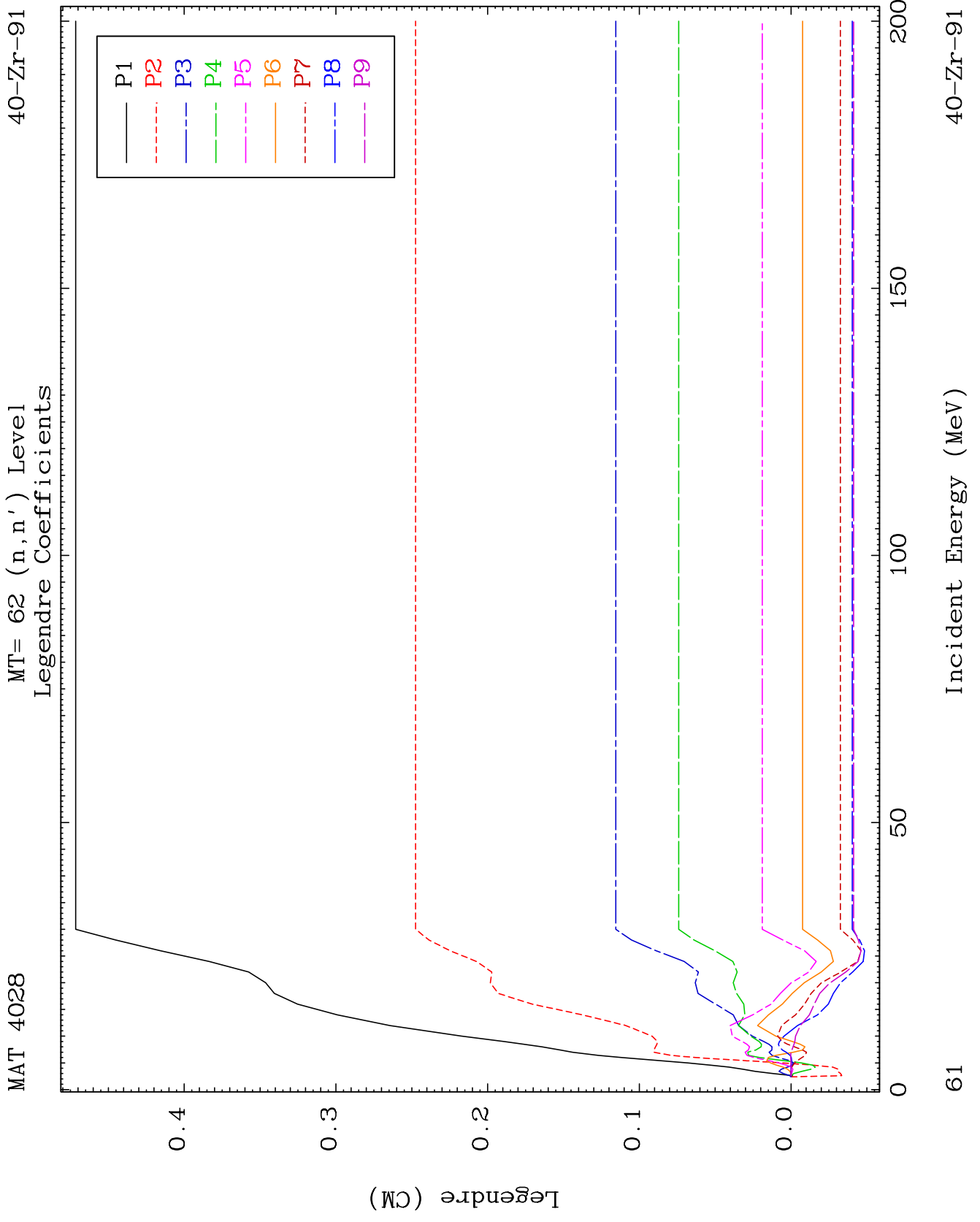
MAT 4028

MT= 61 (n,n') Level  
Legendre Coefficients

40-Zr-91



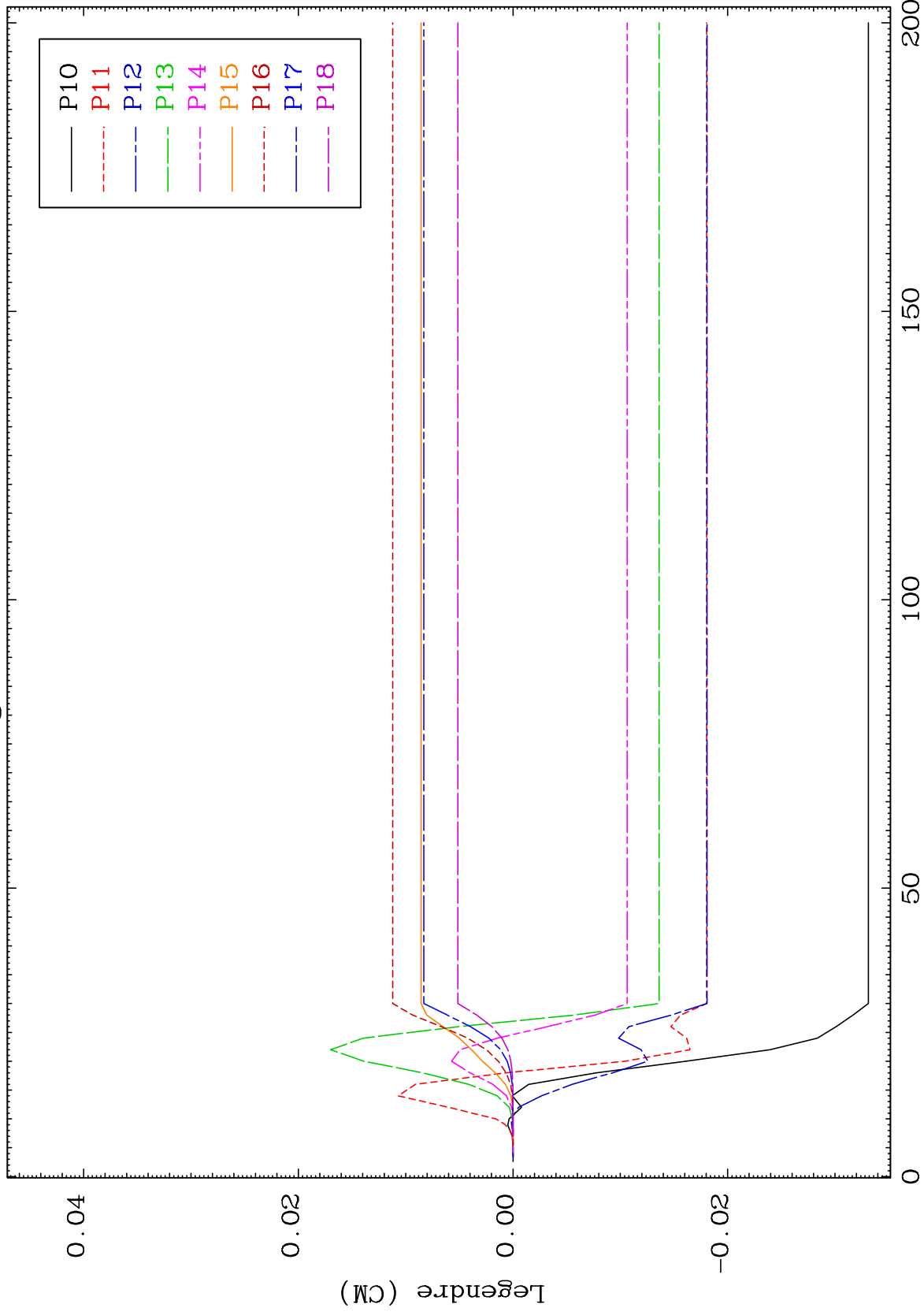




MAT 4028

MT= 62 (n,n') Level  
Legendre Coefficients

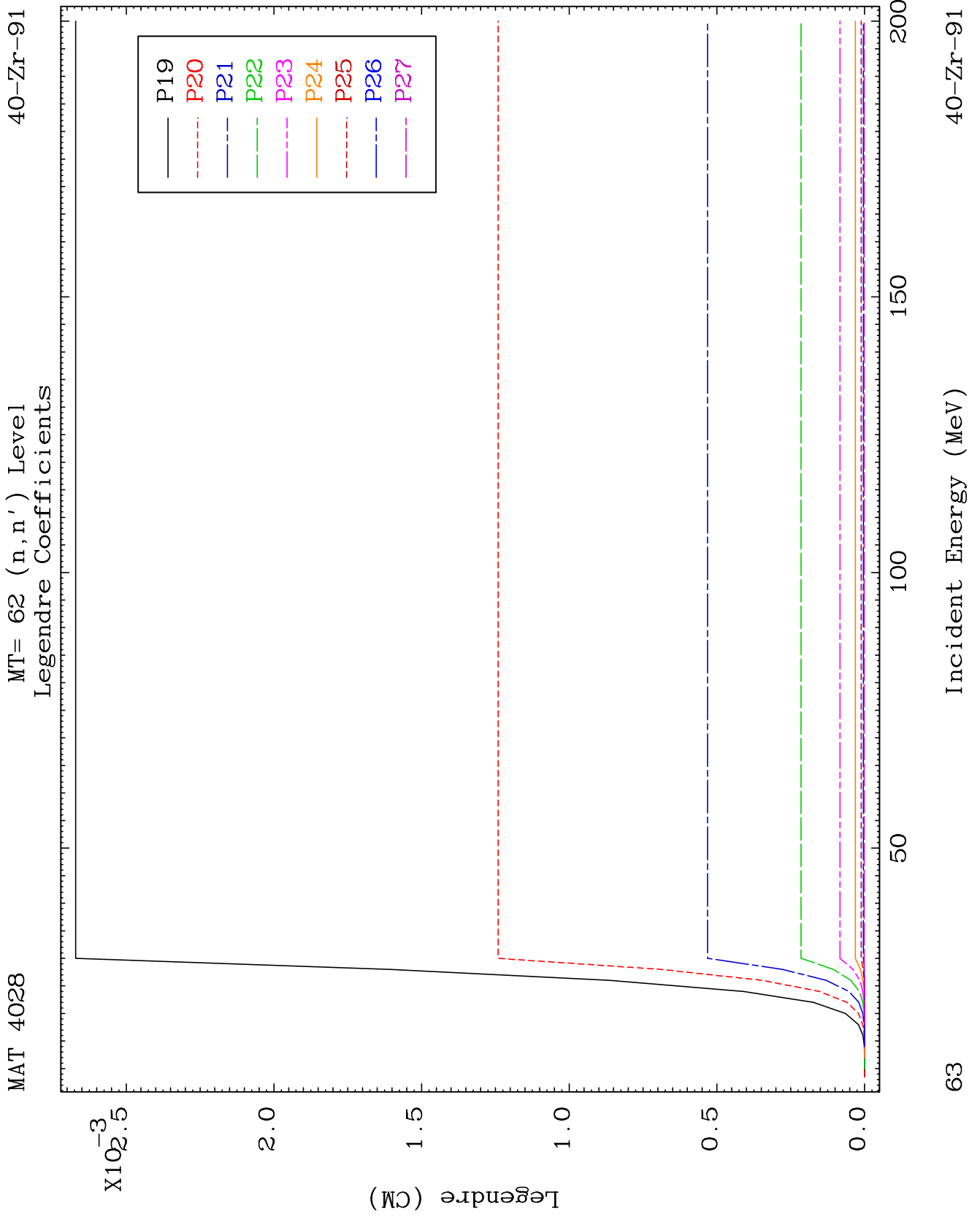
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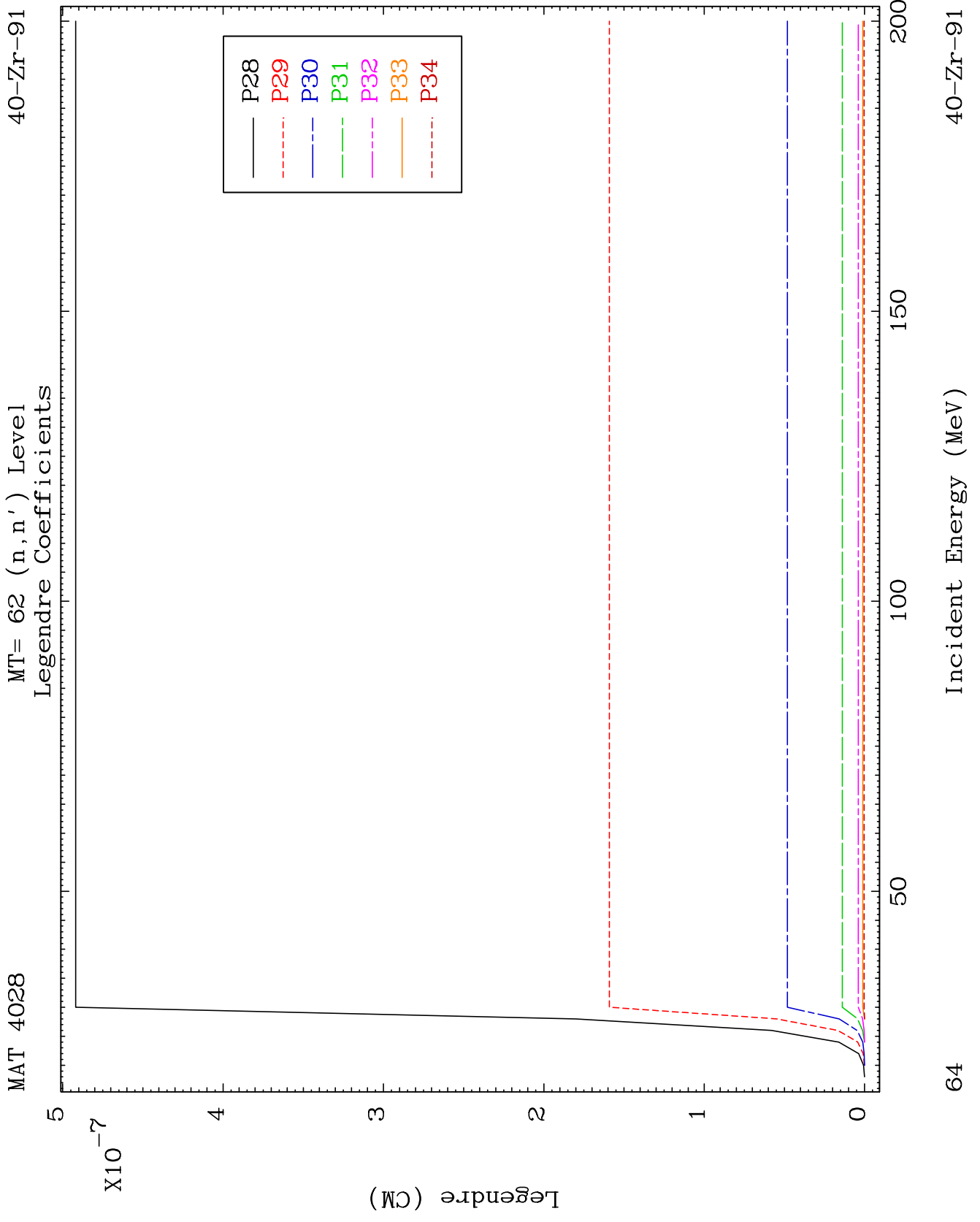
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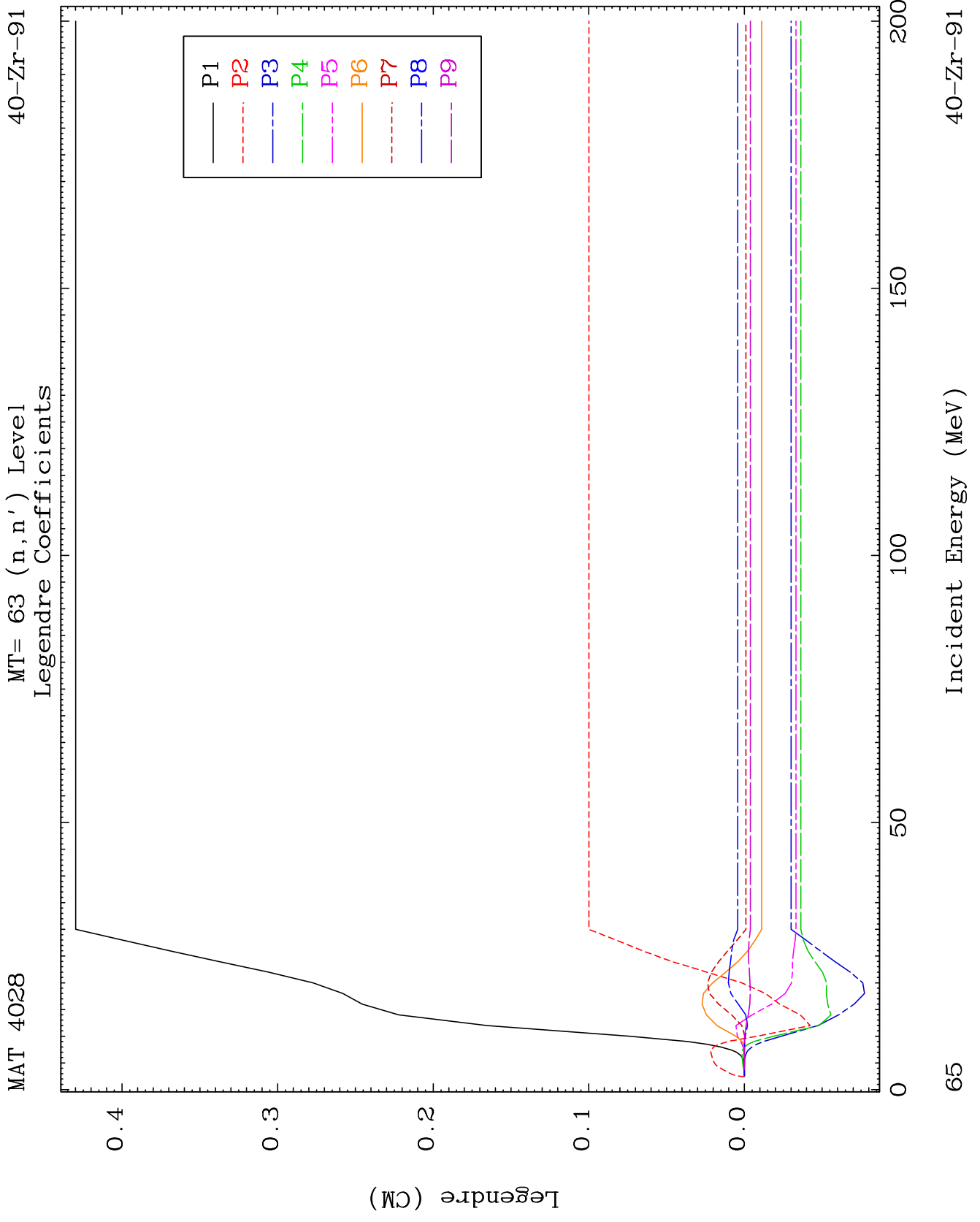
Incident Energy (MeV)

40-Zr-91





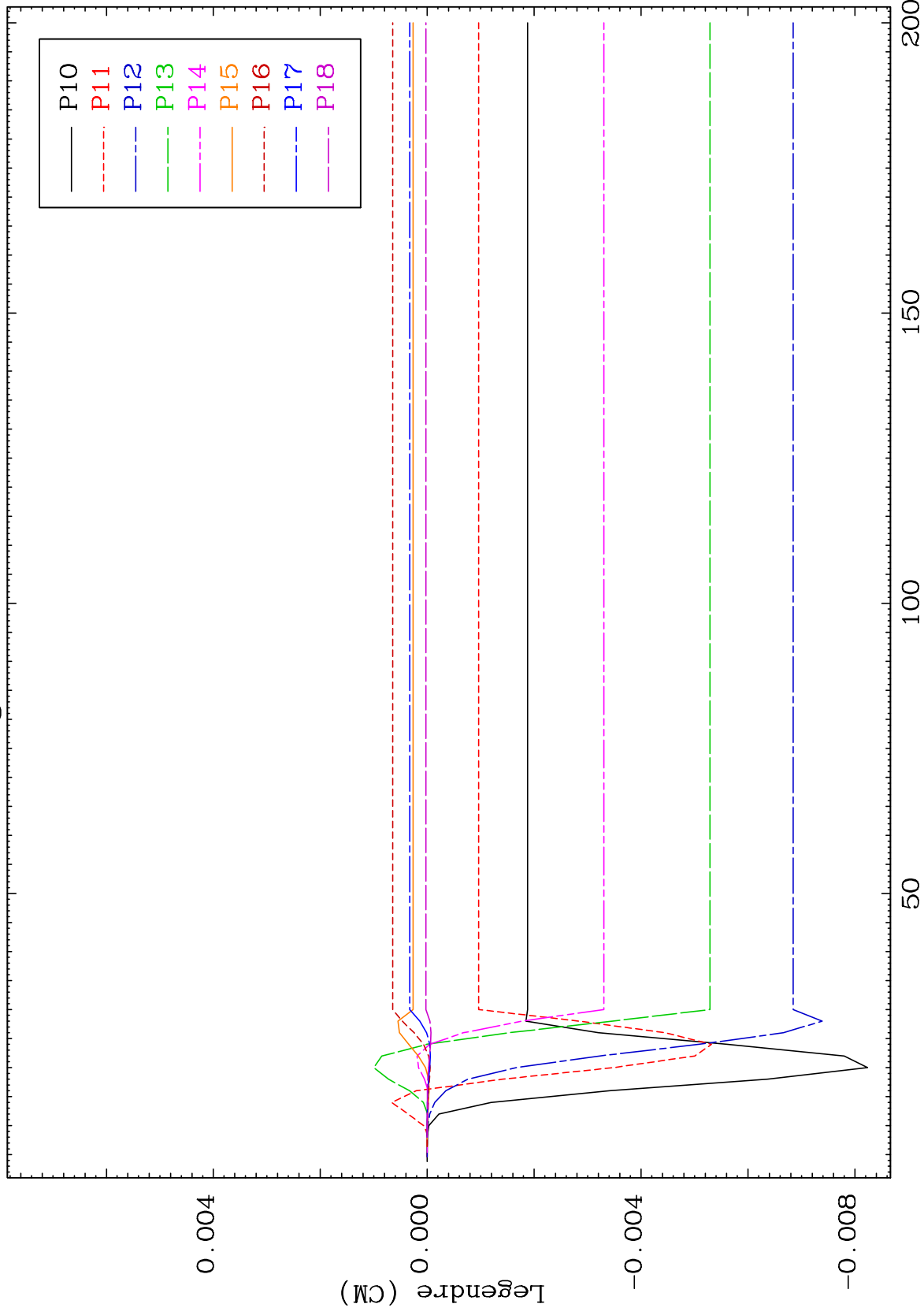




MAT 4028

MT= 63 (n,n') Level  
Legendre Coefficients

40-Zr-91



66

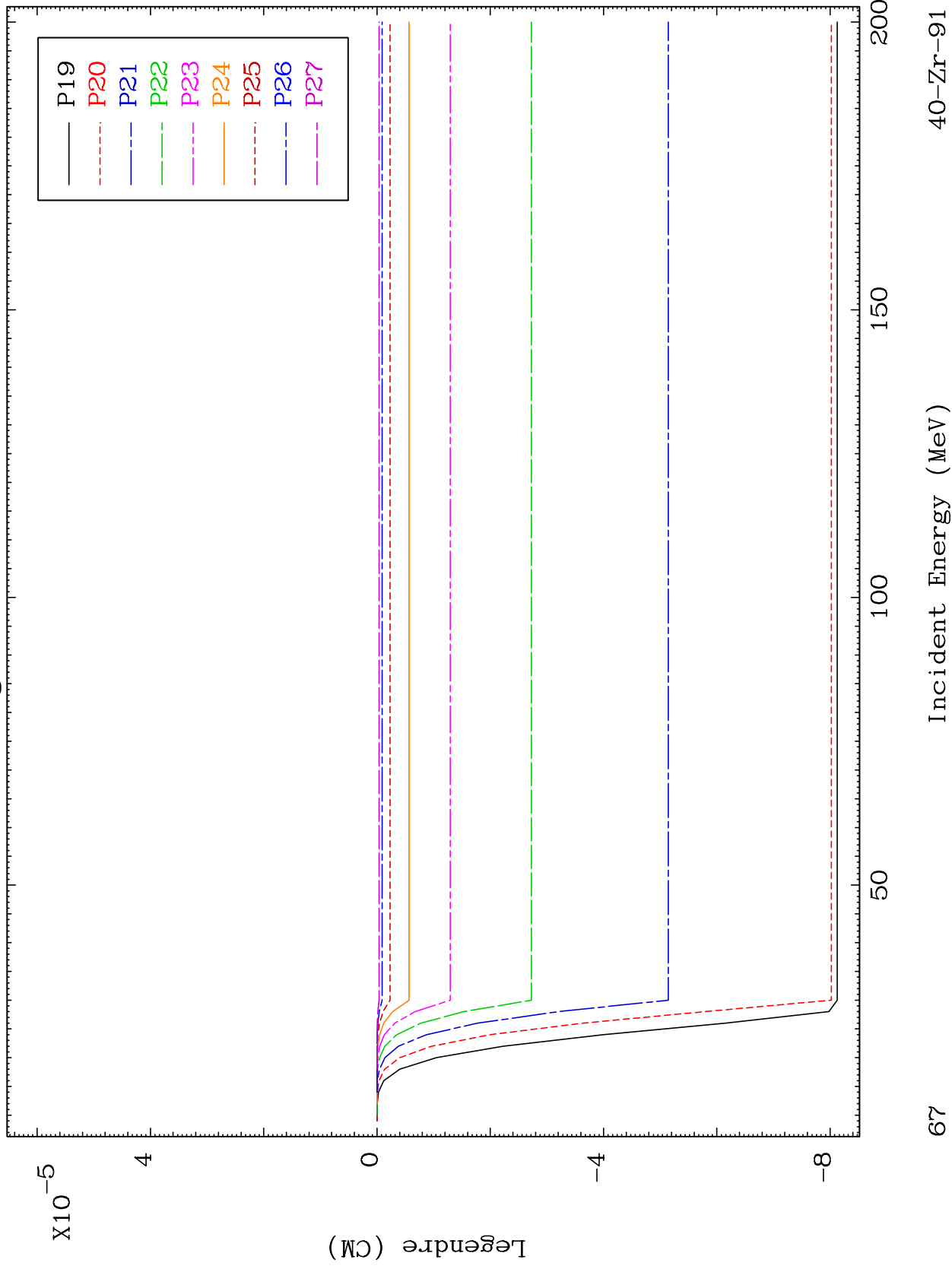
Incident Energy (MeV)

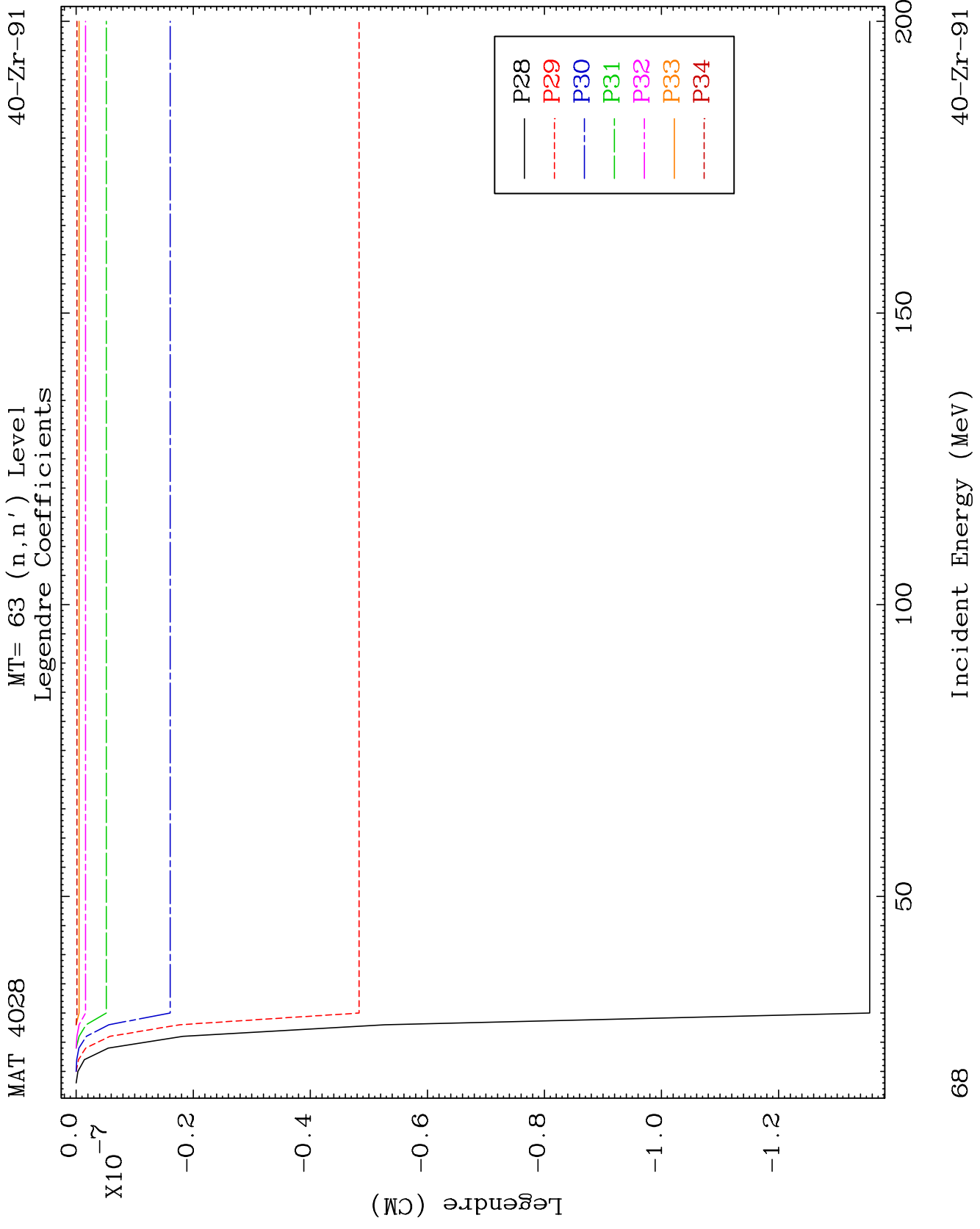
40-Zr-91

MAT 4028

MT= 63 (n,n') Level  
Legendre Coefficients

40-Zr-91





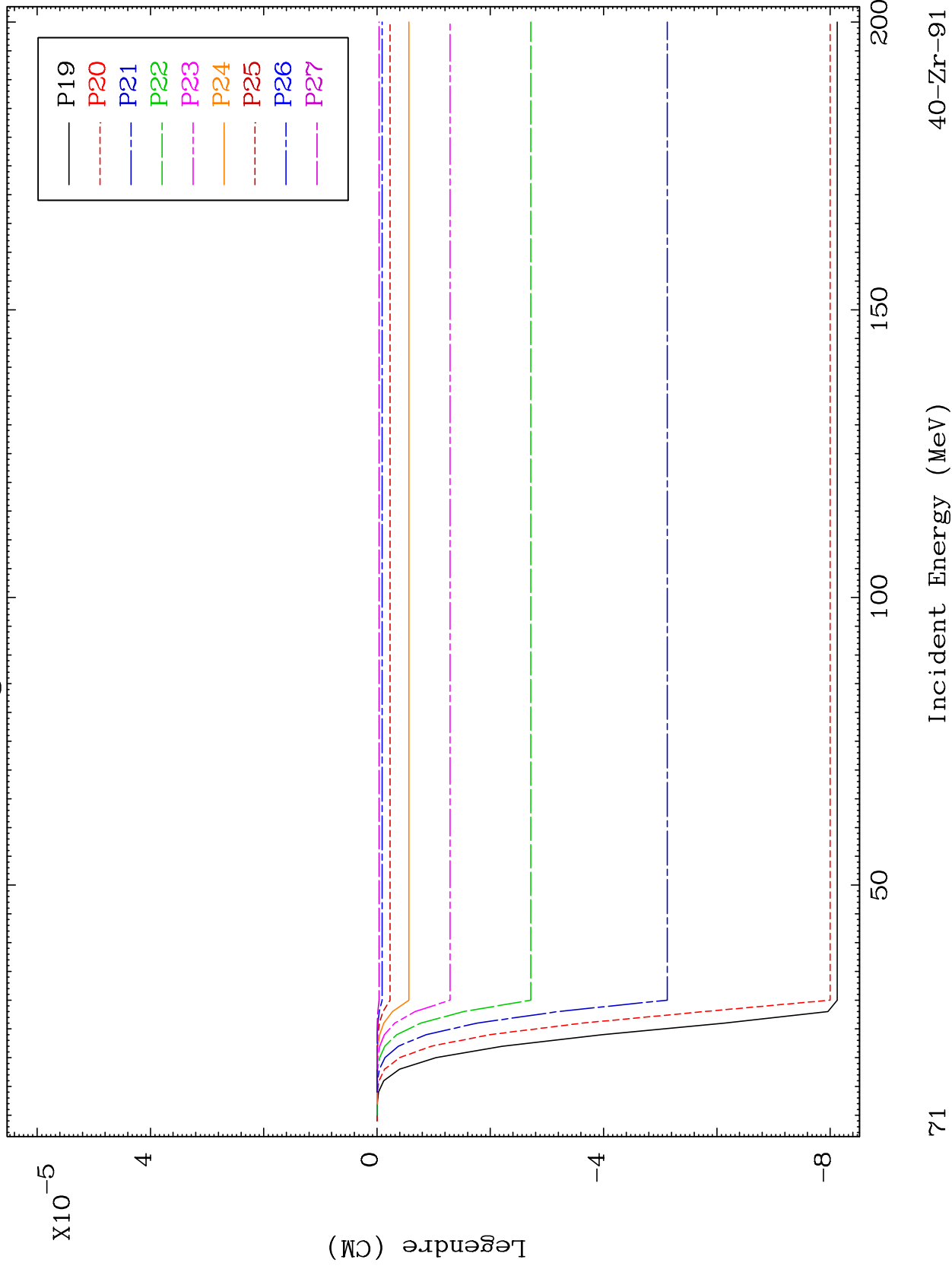




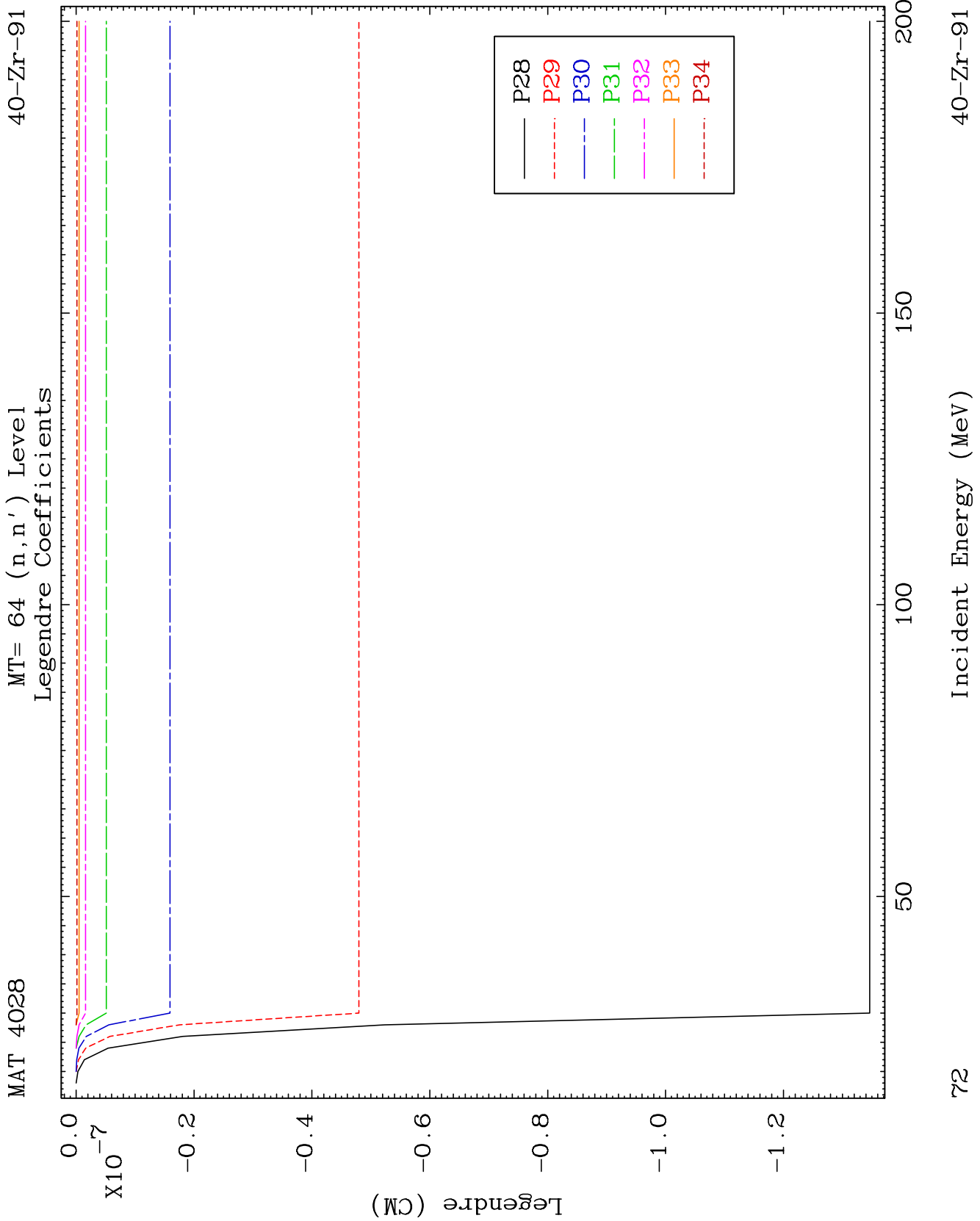
MAT 4028

MT= 64 (n,n') Level  
Legendre Coefficients

40-Zr-91



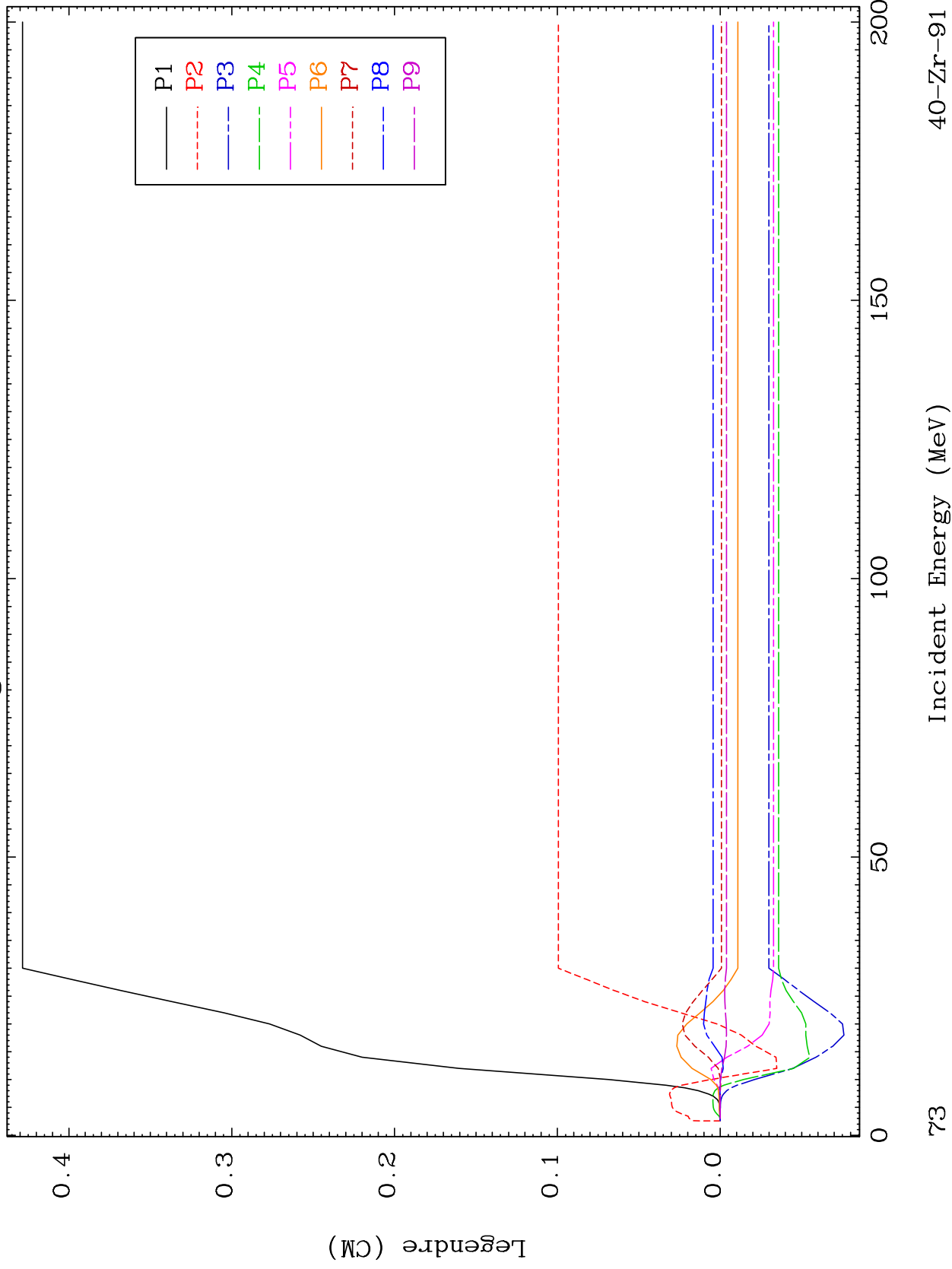




MAT 4028

MT= 65 (n,n') Level  
Legendre Coefficients

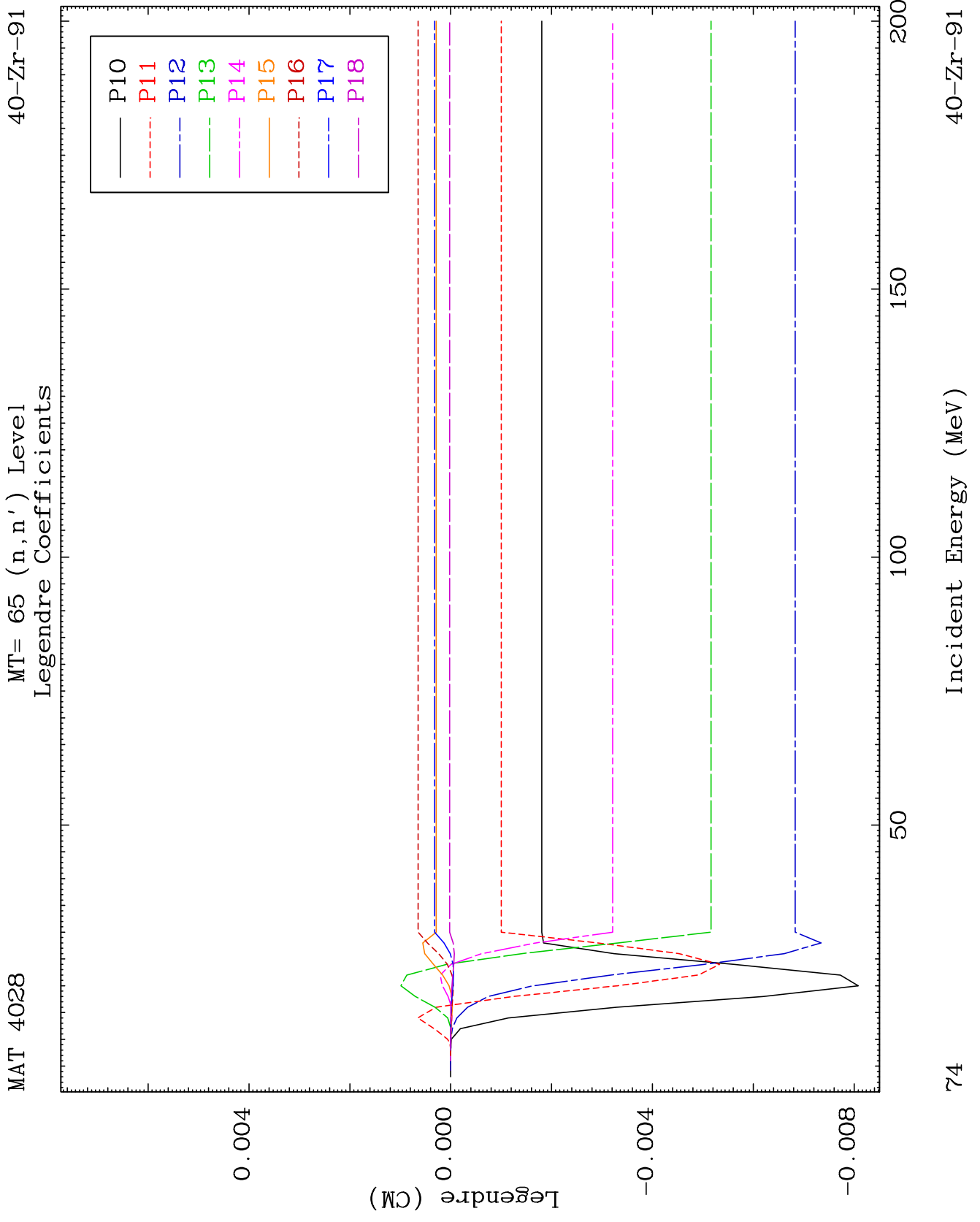
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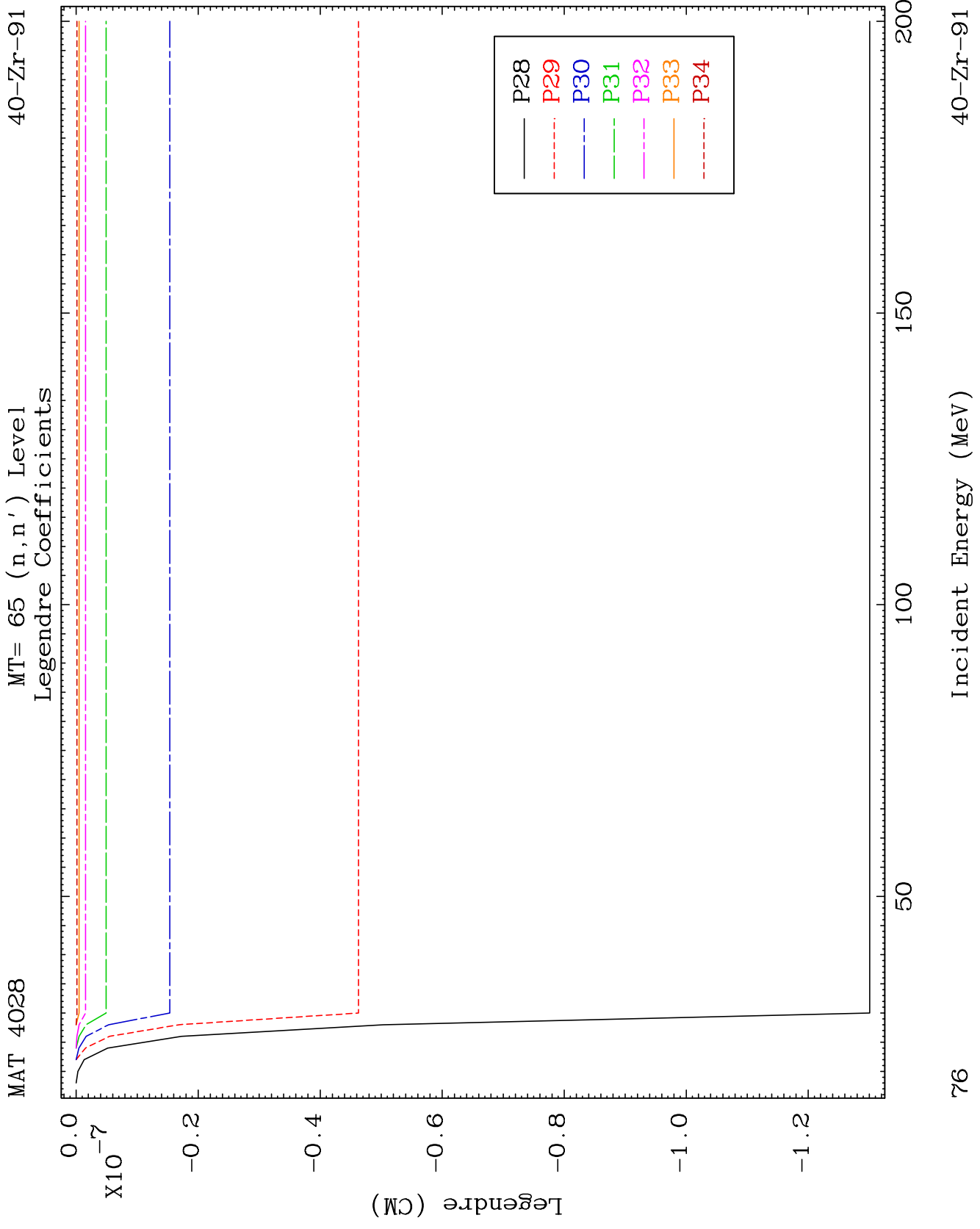
73

Incident Energy (MeV)

40-Zr-91



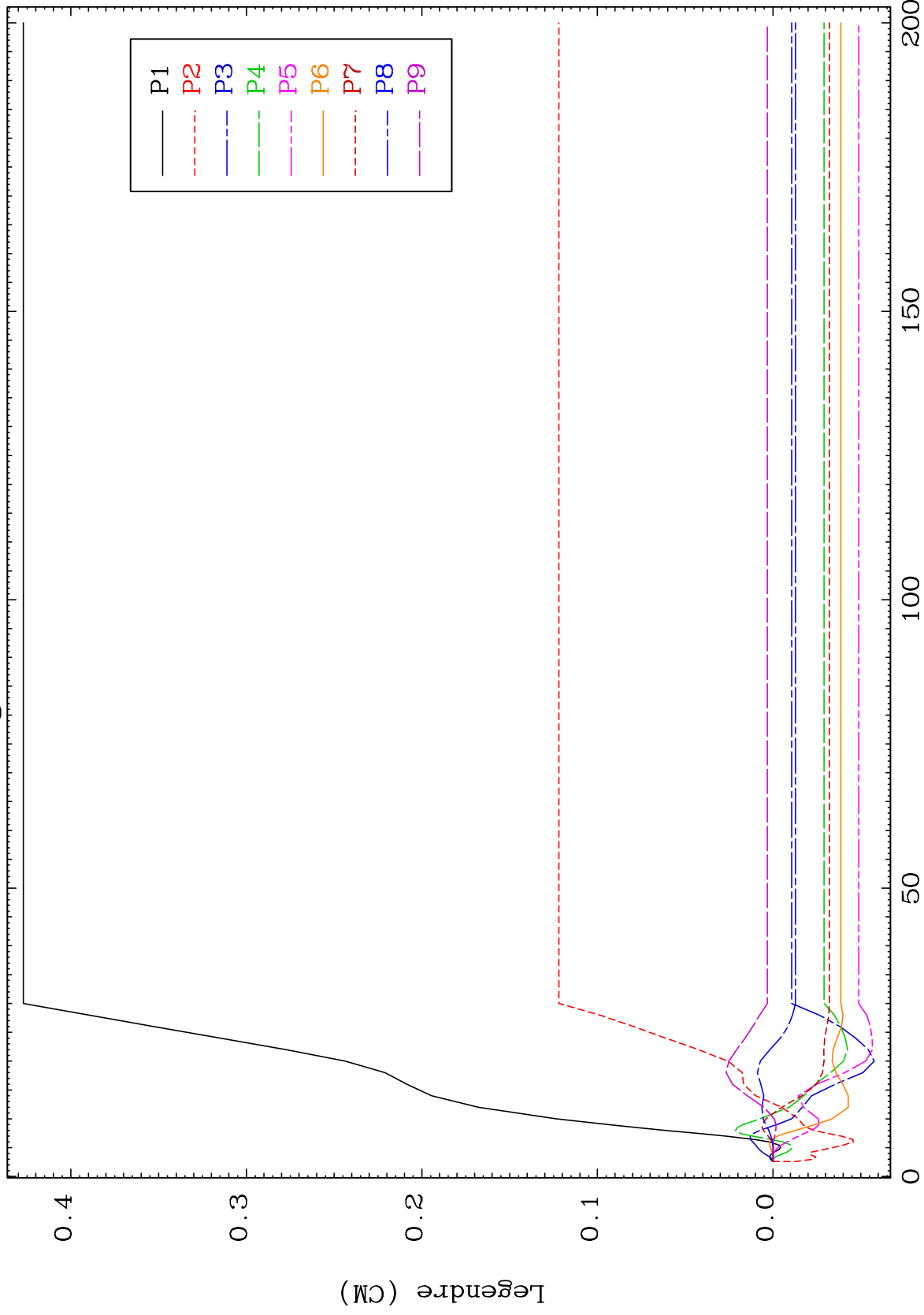




MAT 4028

MT= 66 (n,n') Level  
Legendre Coefficients

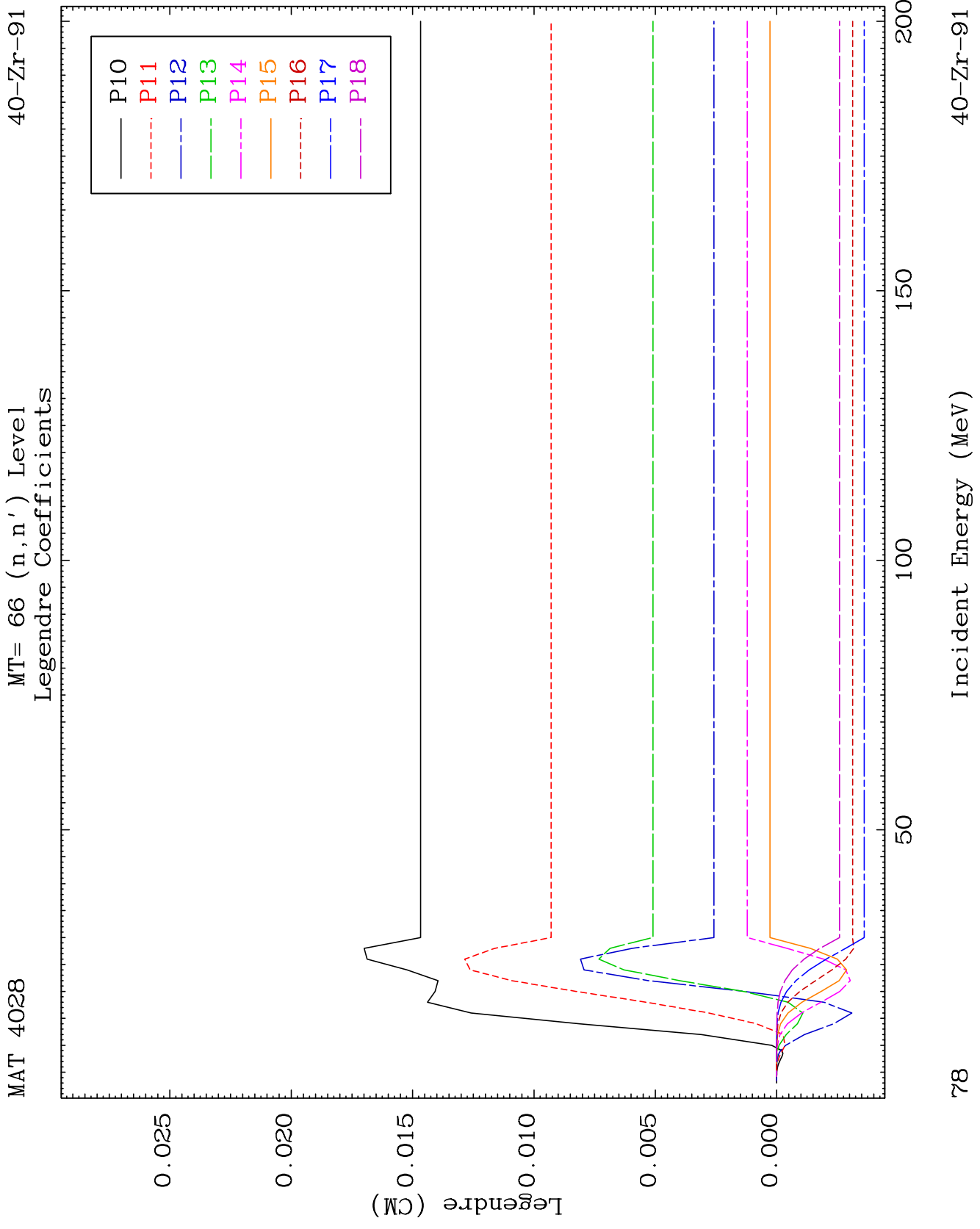
40-Zr-91



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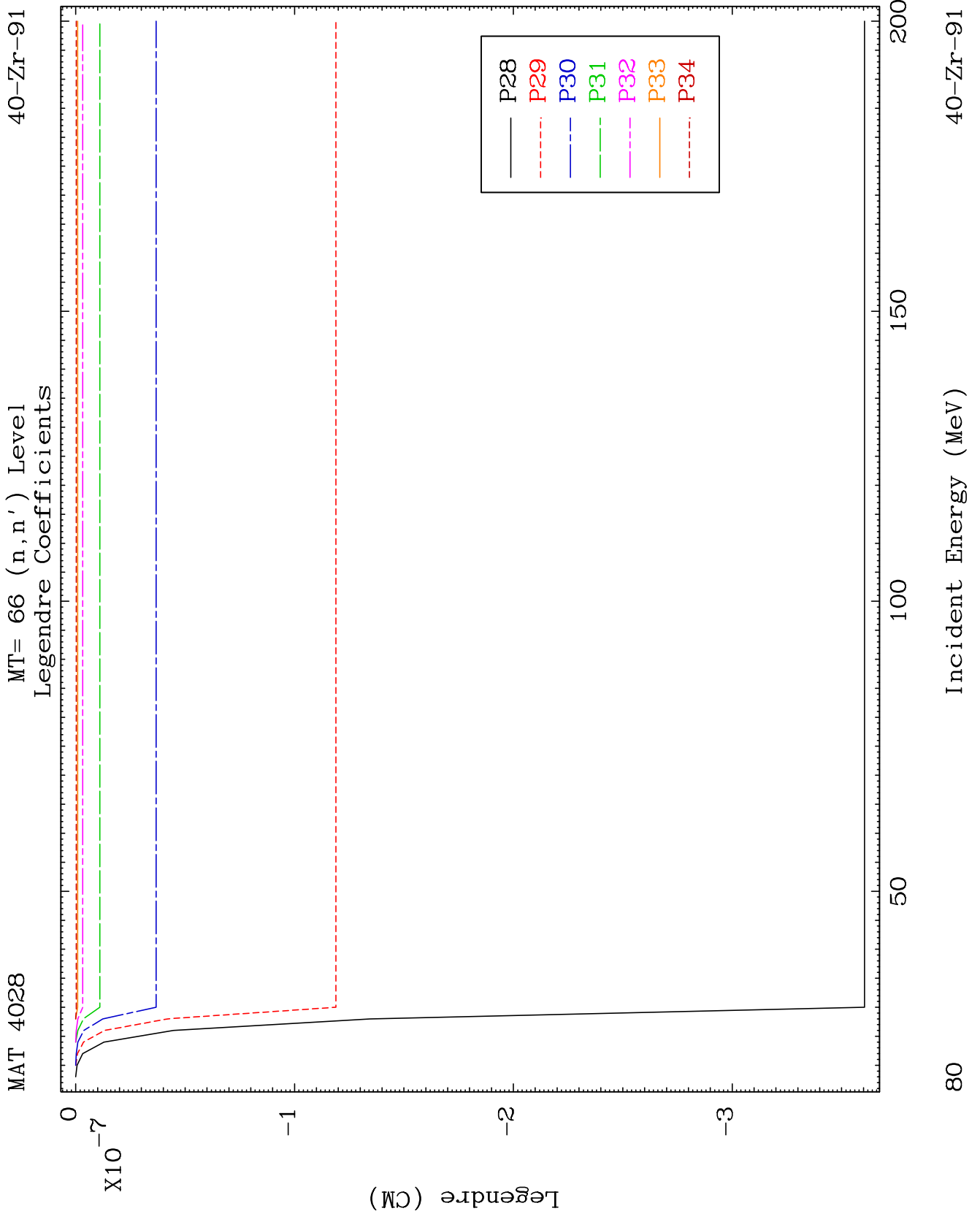
Incident Energy (MeV)

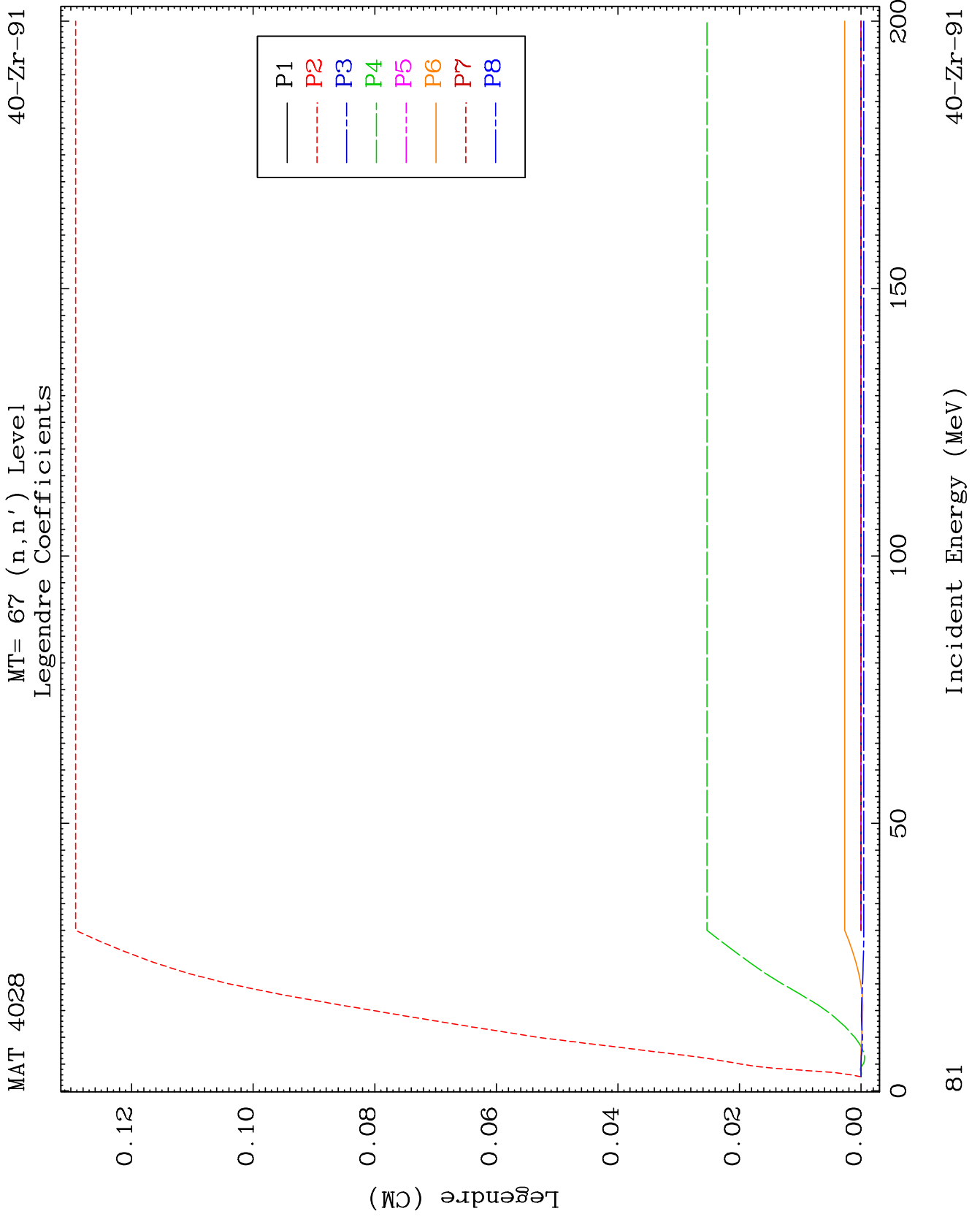
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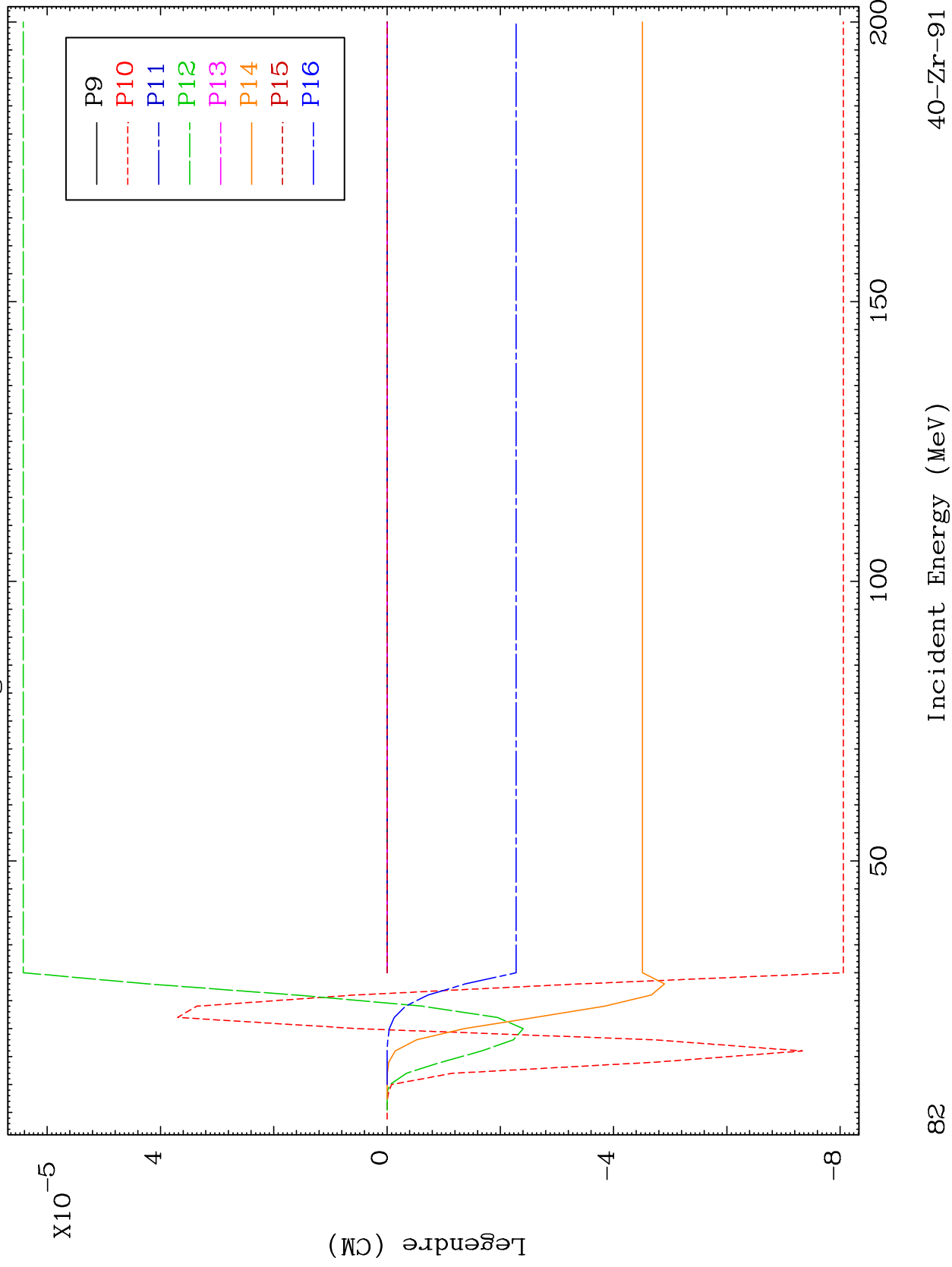




MAT 4028

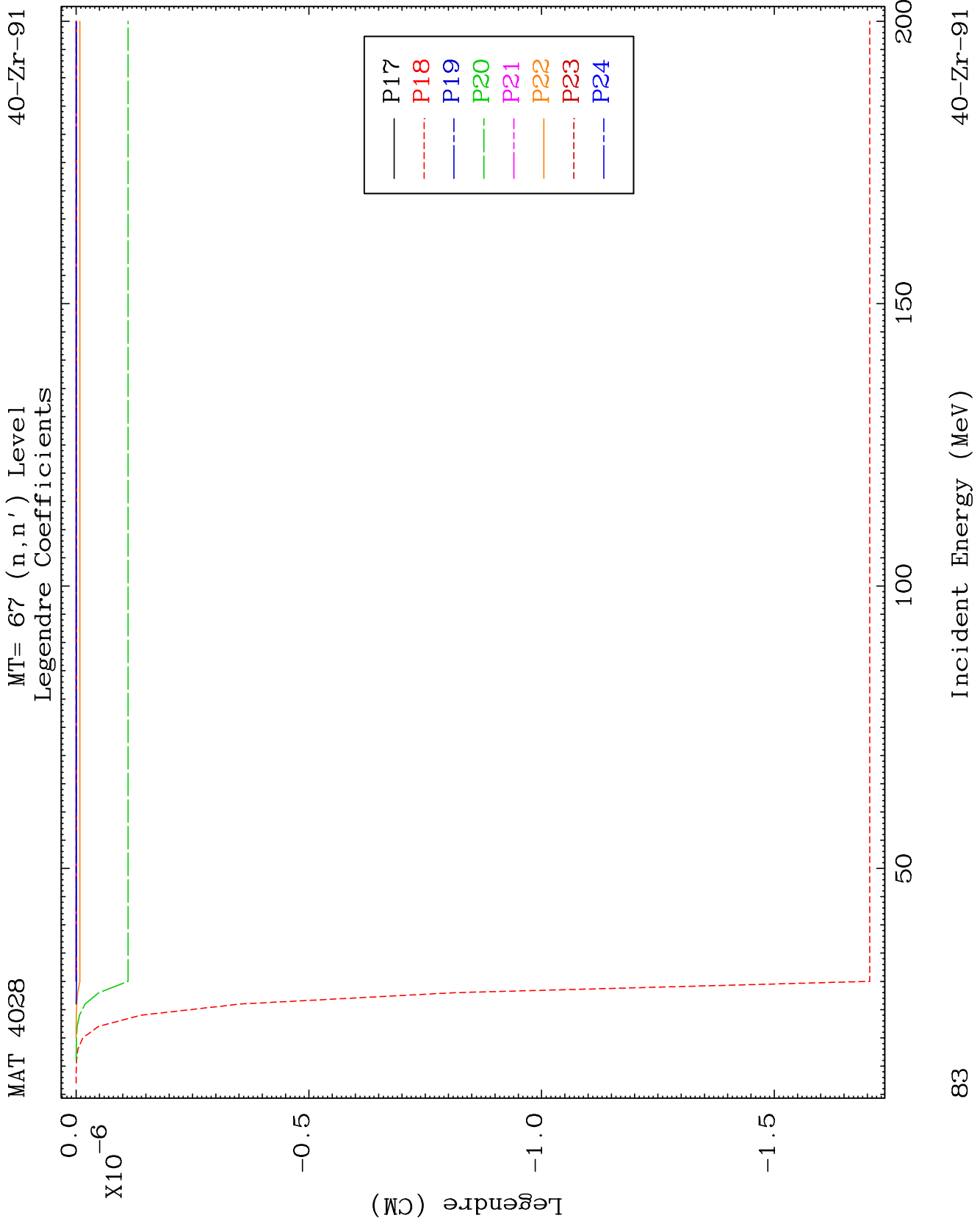
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Legendre Coefficients

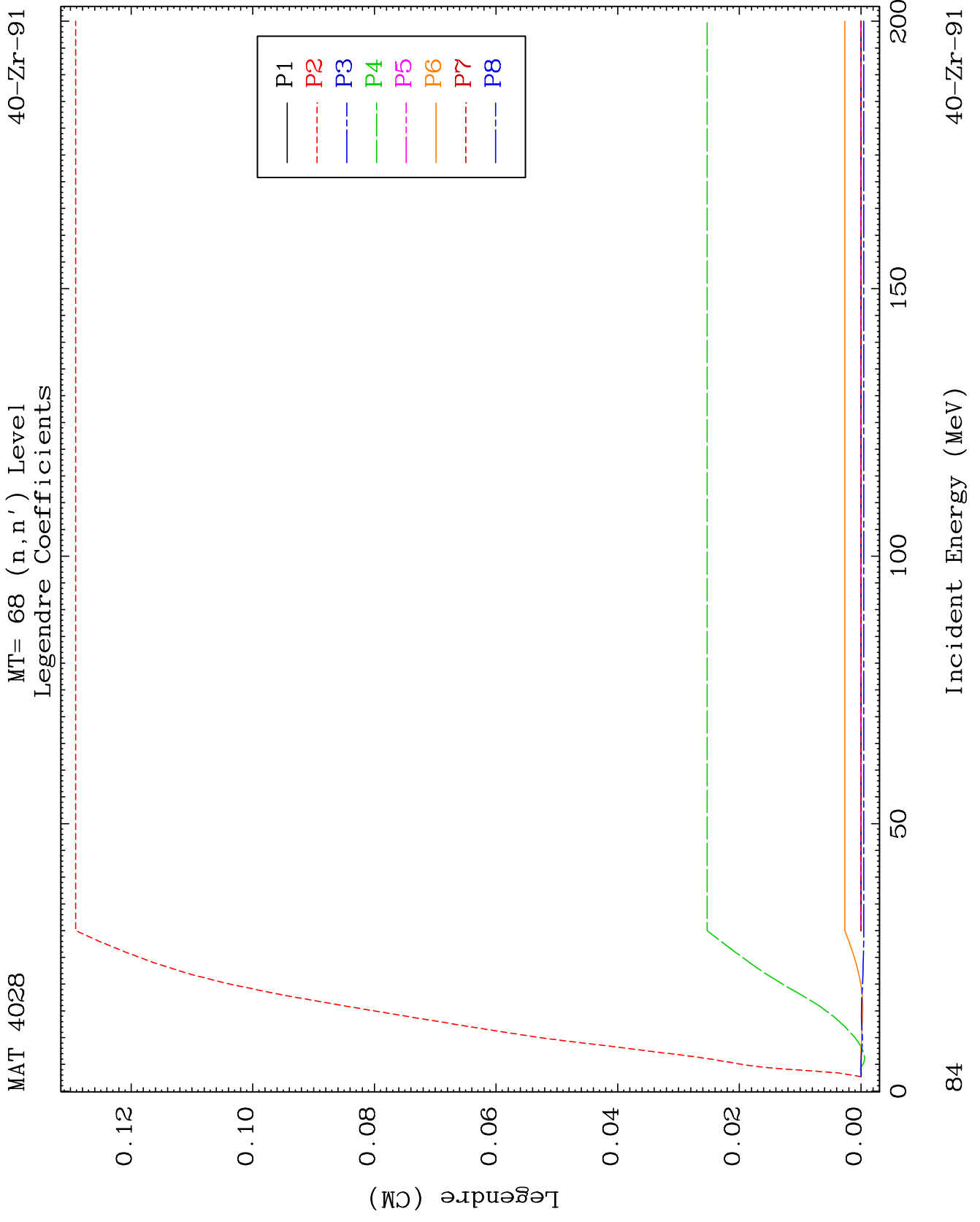
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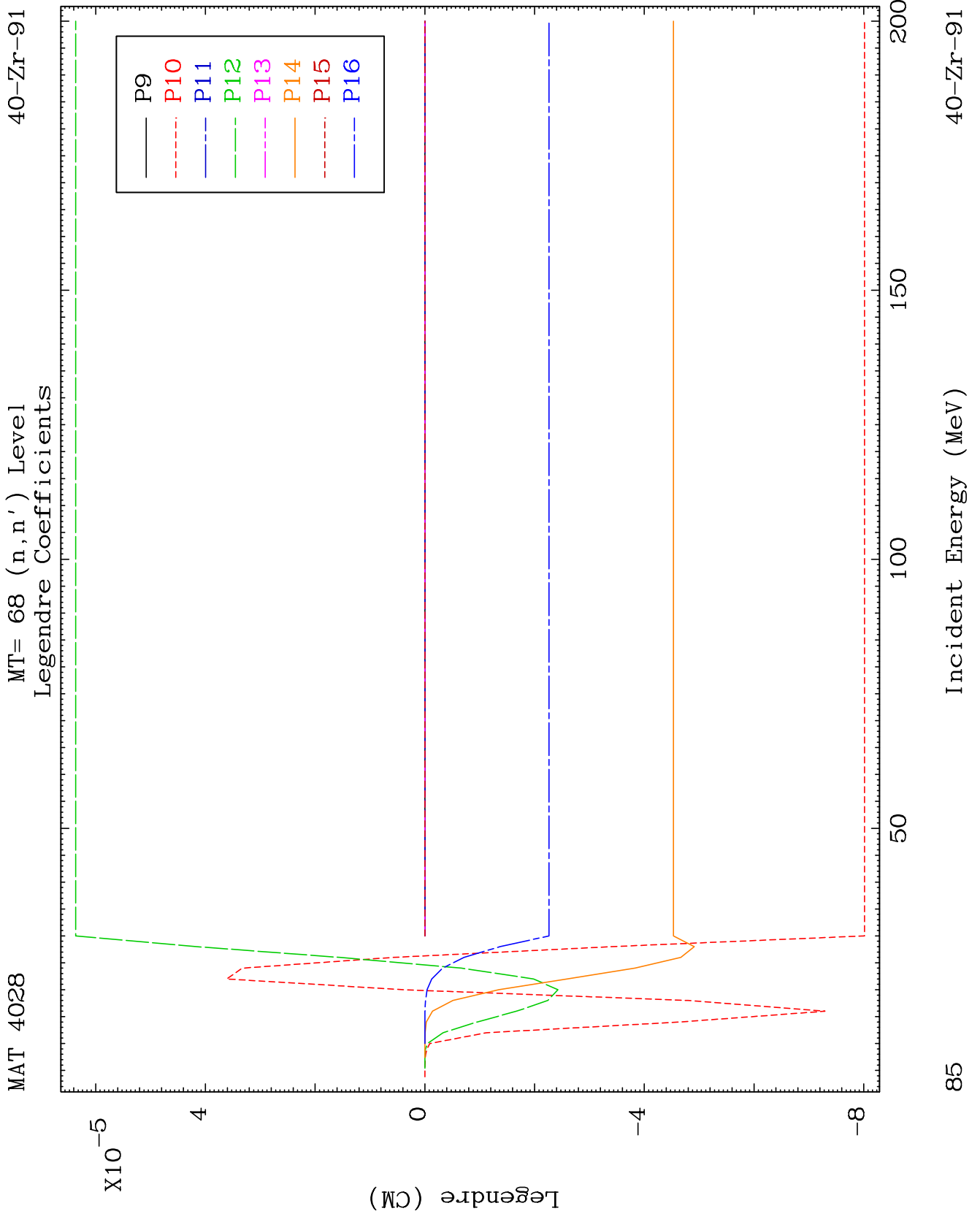


82

40-Zr-91









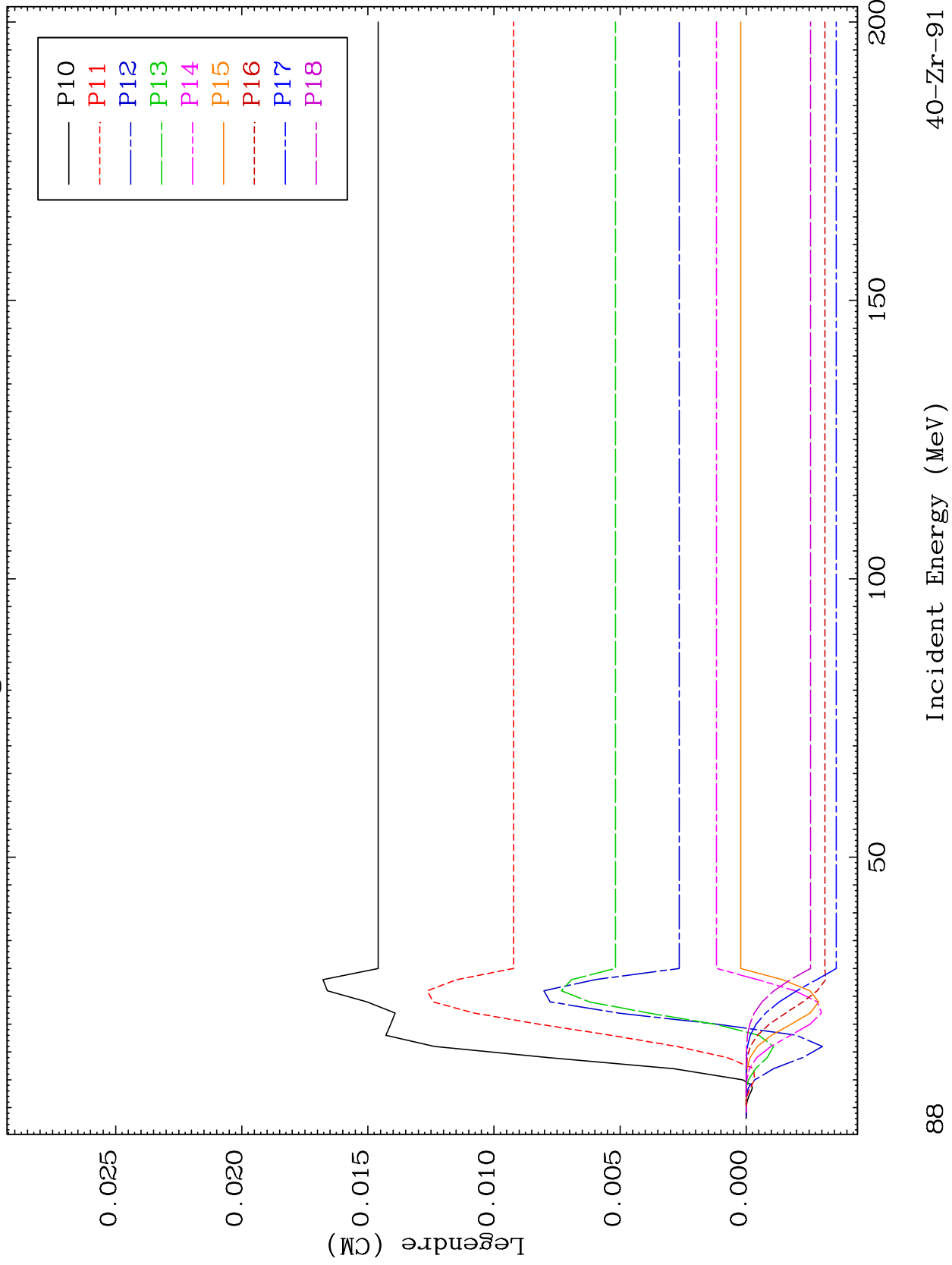




MAT 4028

MT= 69 (n,n') Level  
Legendre Coefficients

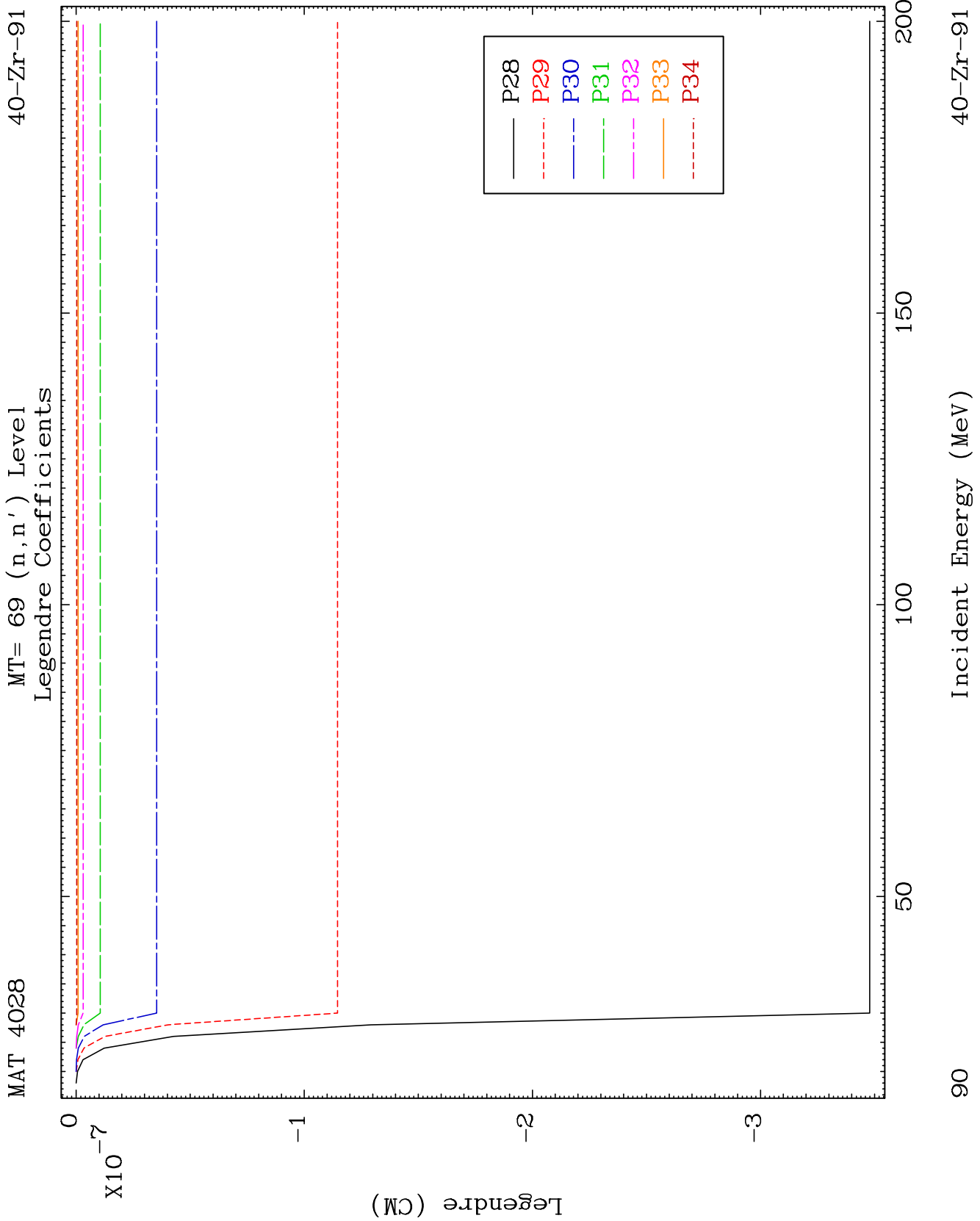
40-Zr-91



88

40-Zr-91



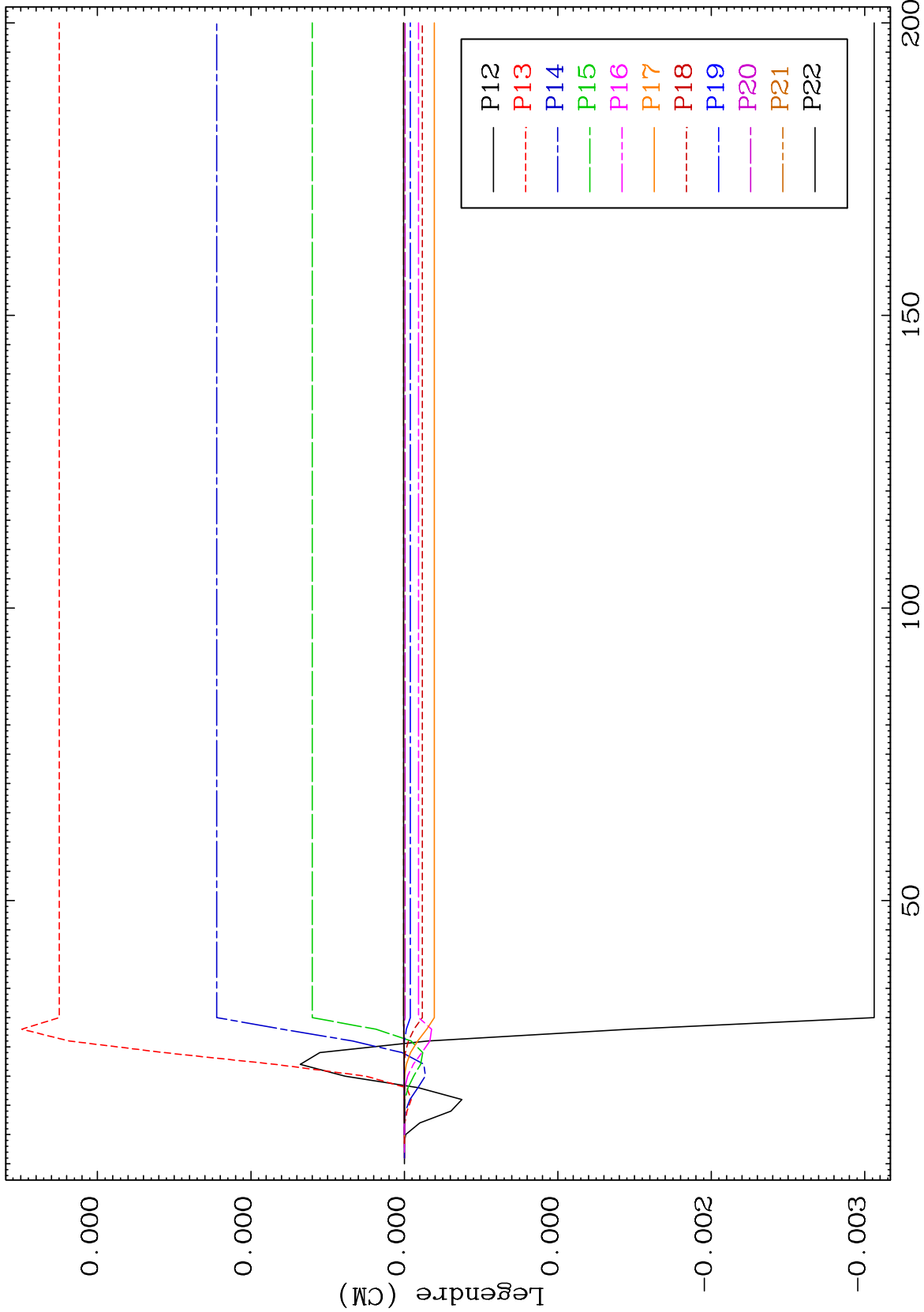




MAT 4028

MT= 70 (n,n') Level  
Legendre Coefficients

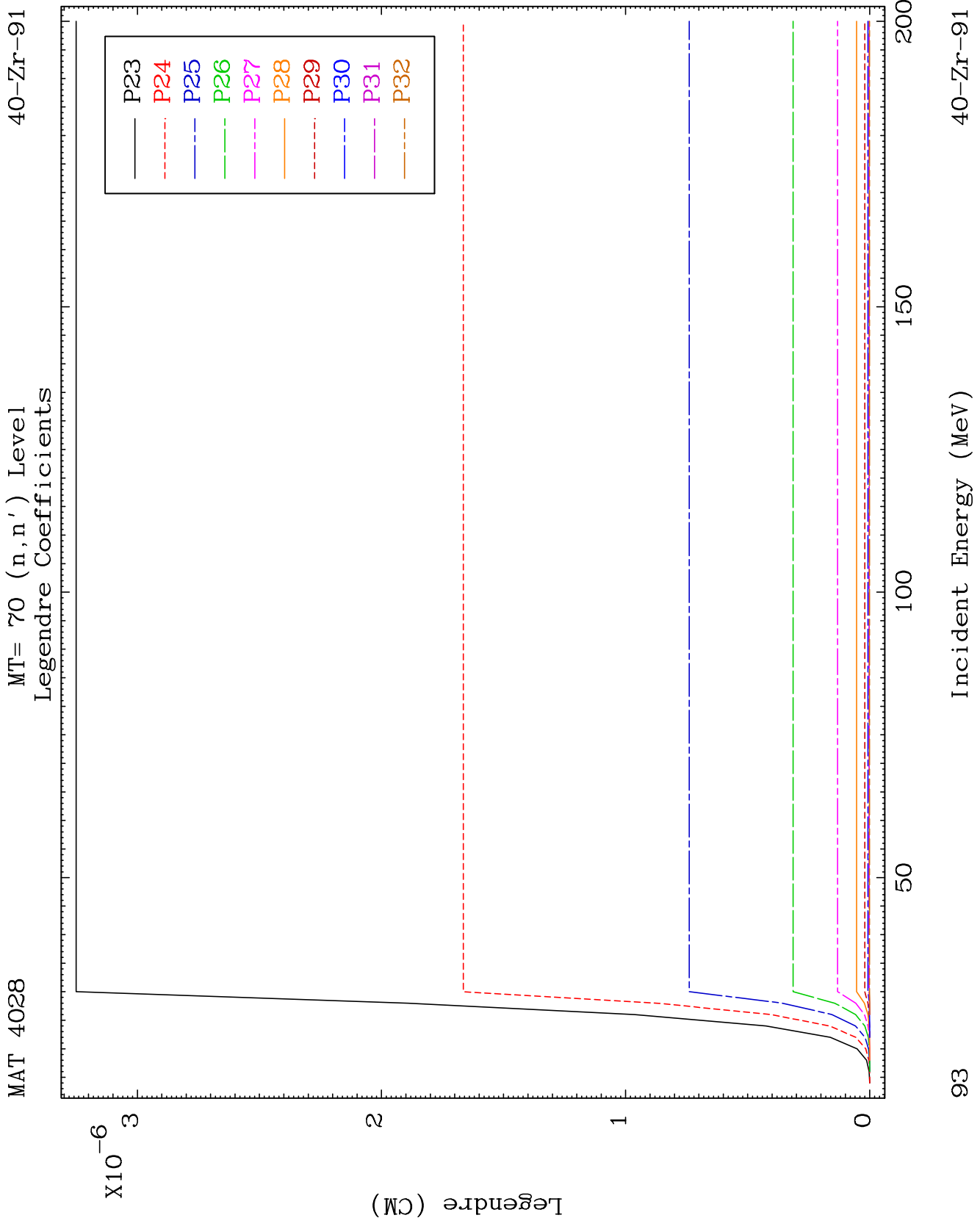
40-Zr-91



92

Incident Energy (MeV)

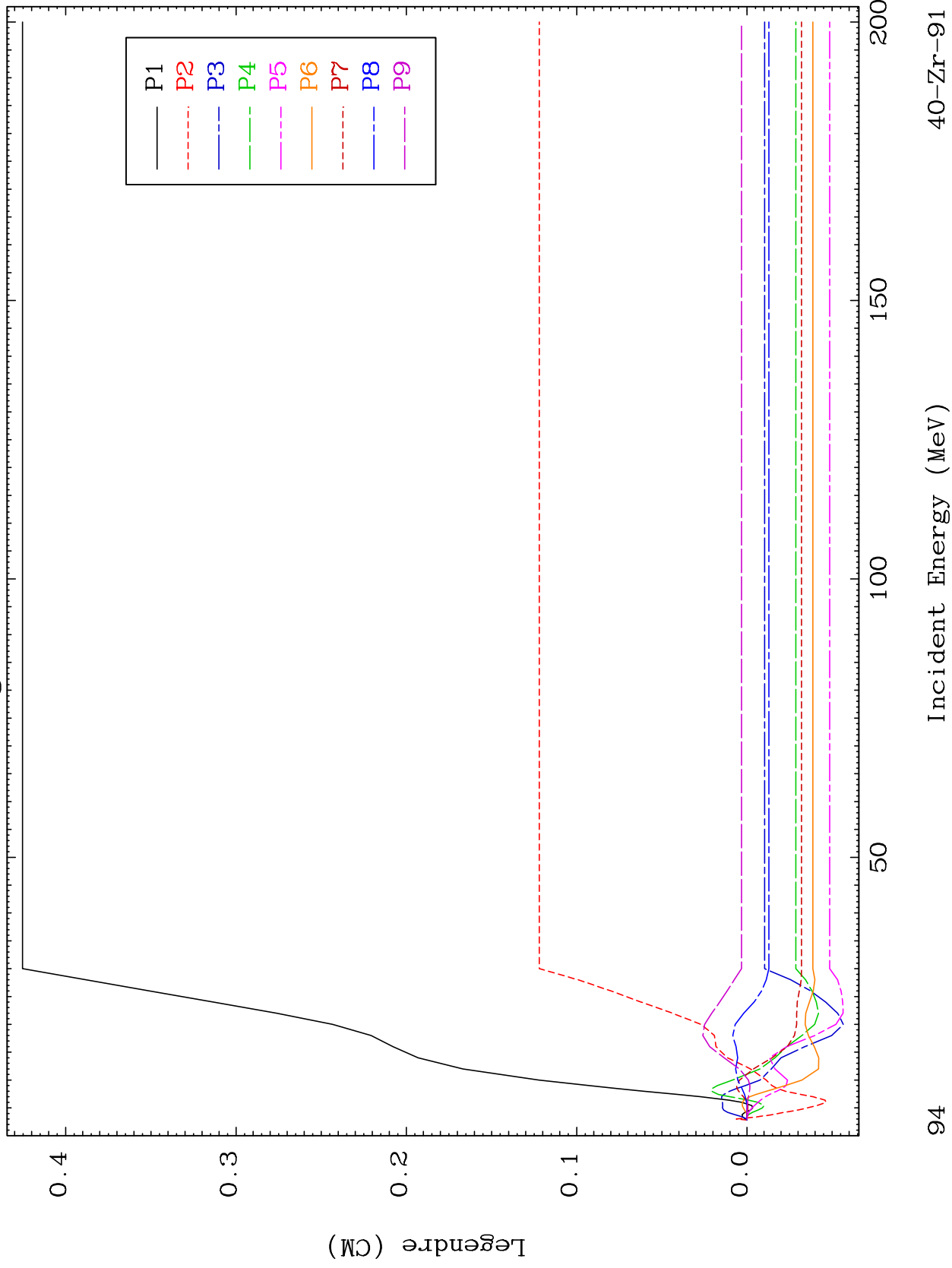
40-Zr-91



MAT 4028

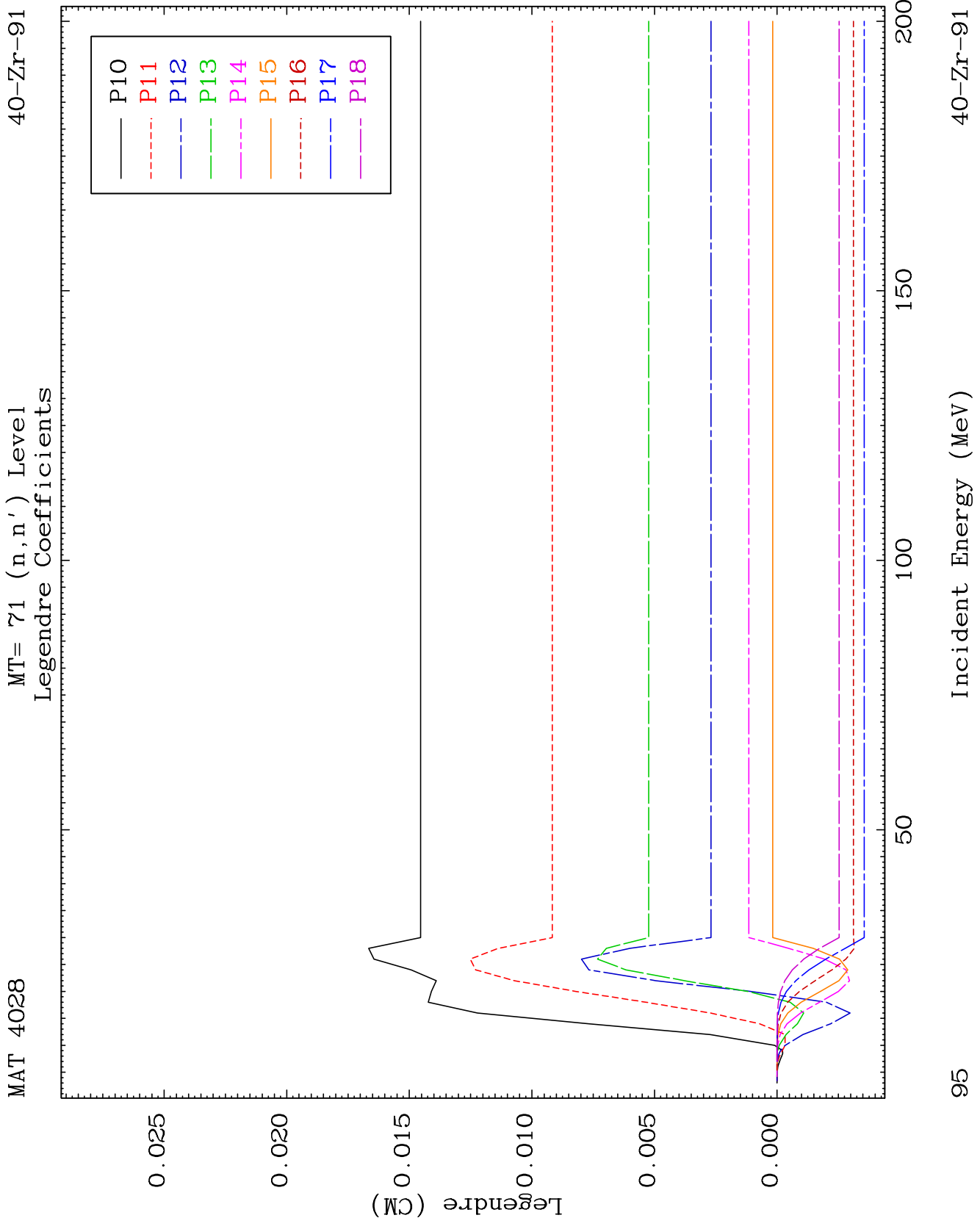
MT= 71 (n,n') Level  
Legendre Coefficients

40-Zr-91

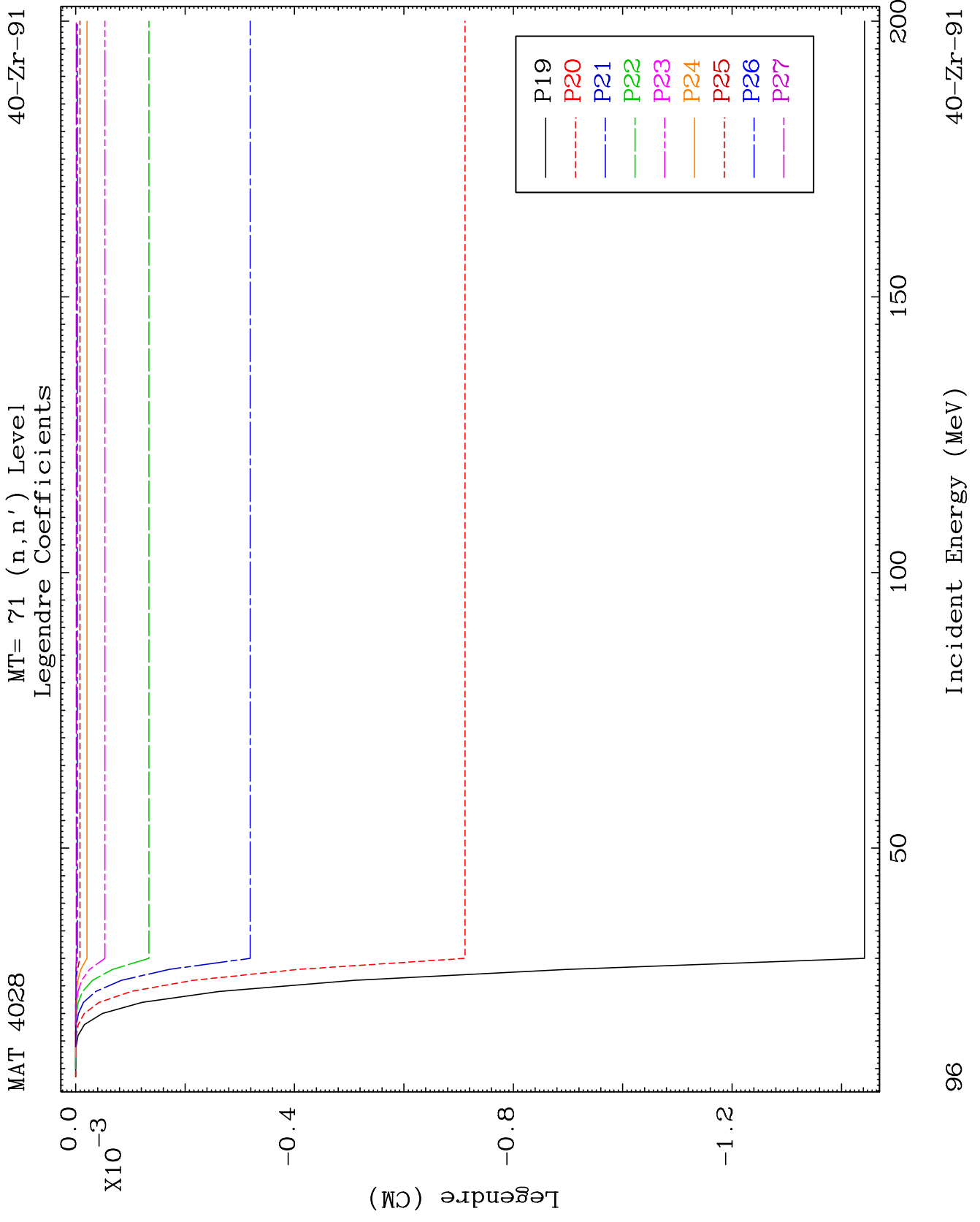


94

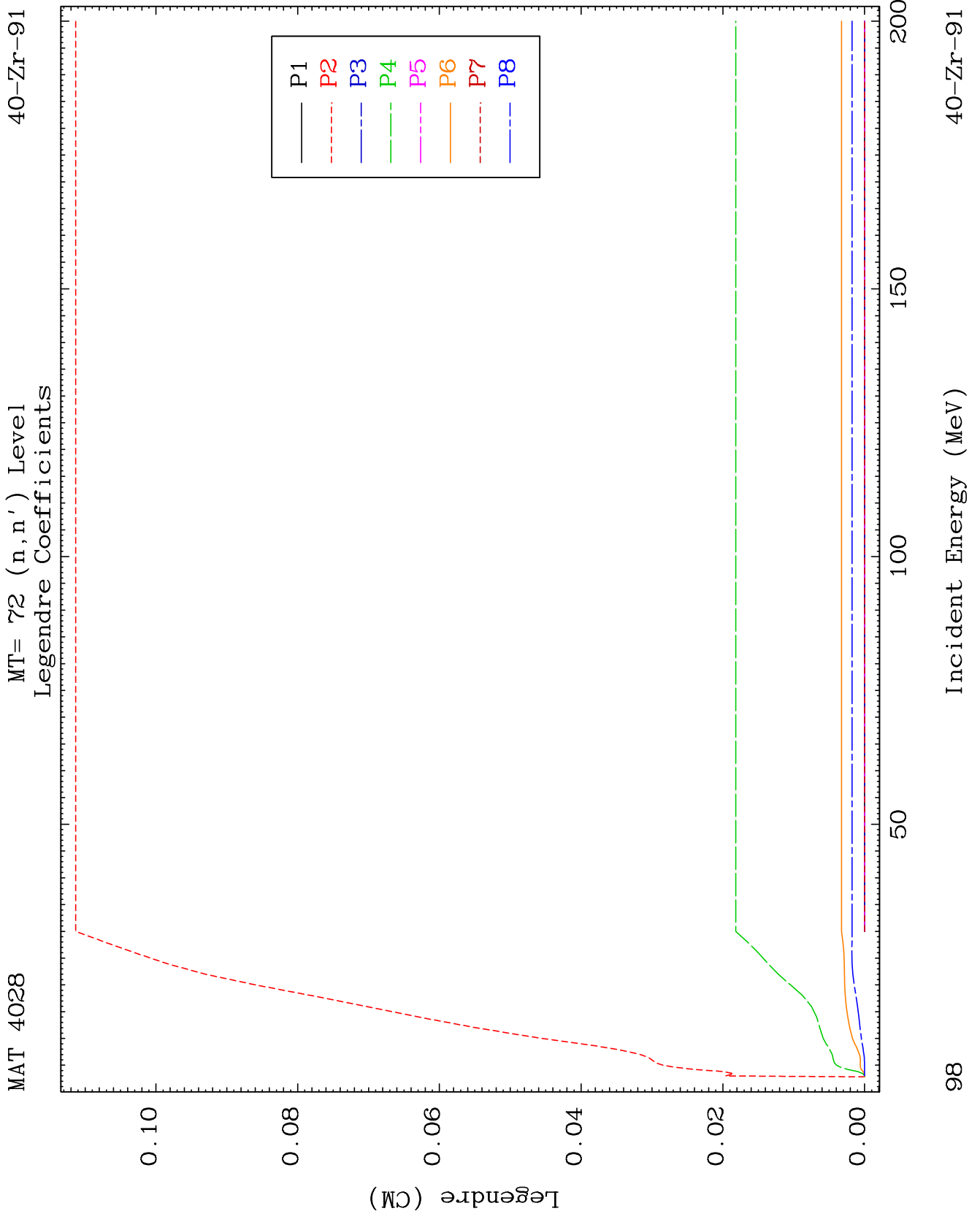
40-Zr-91

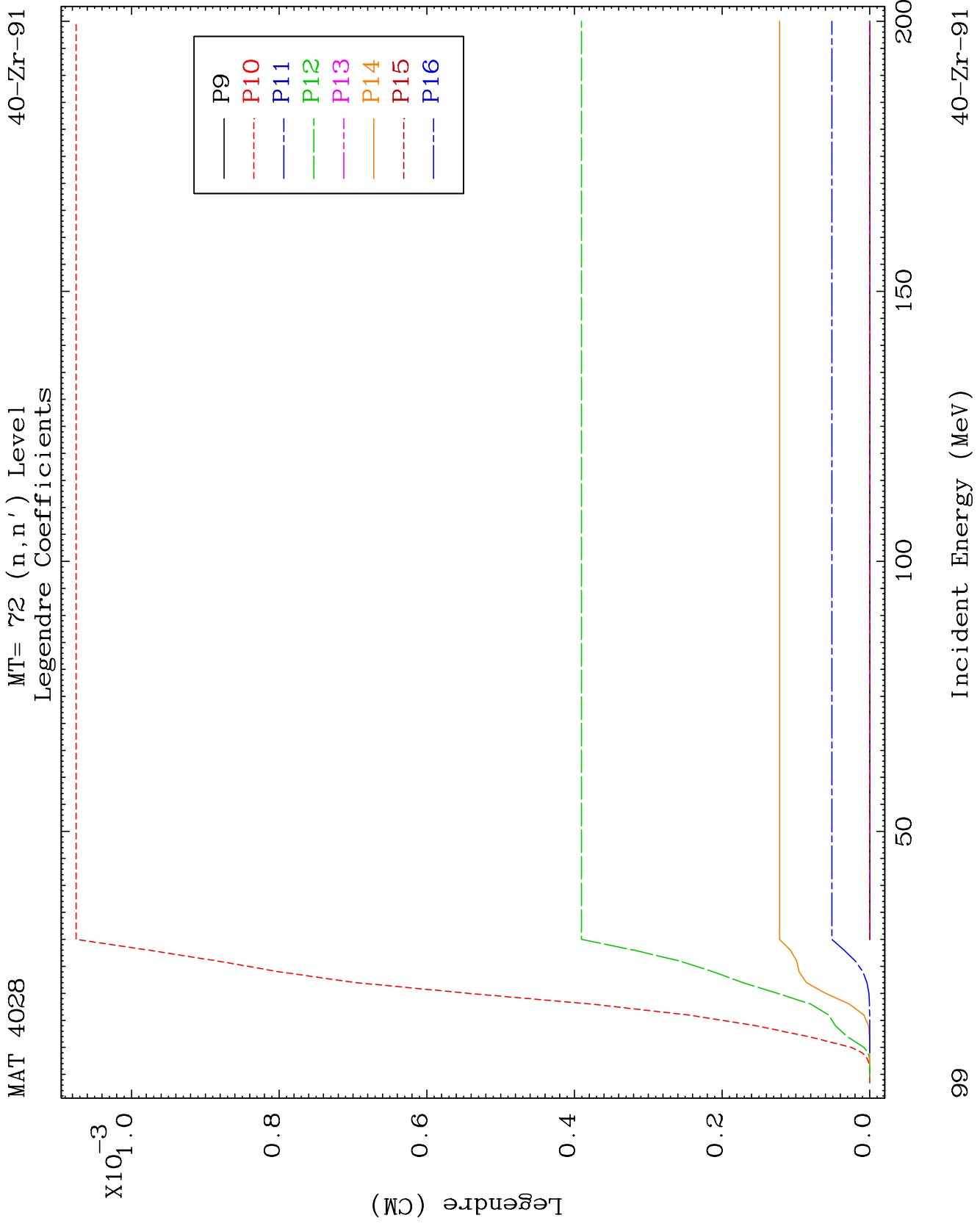


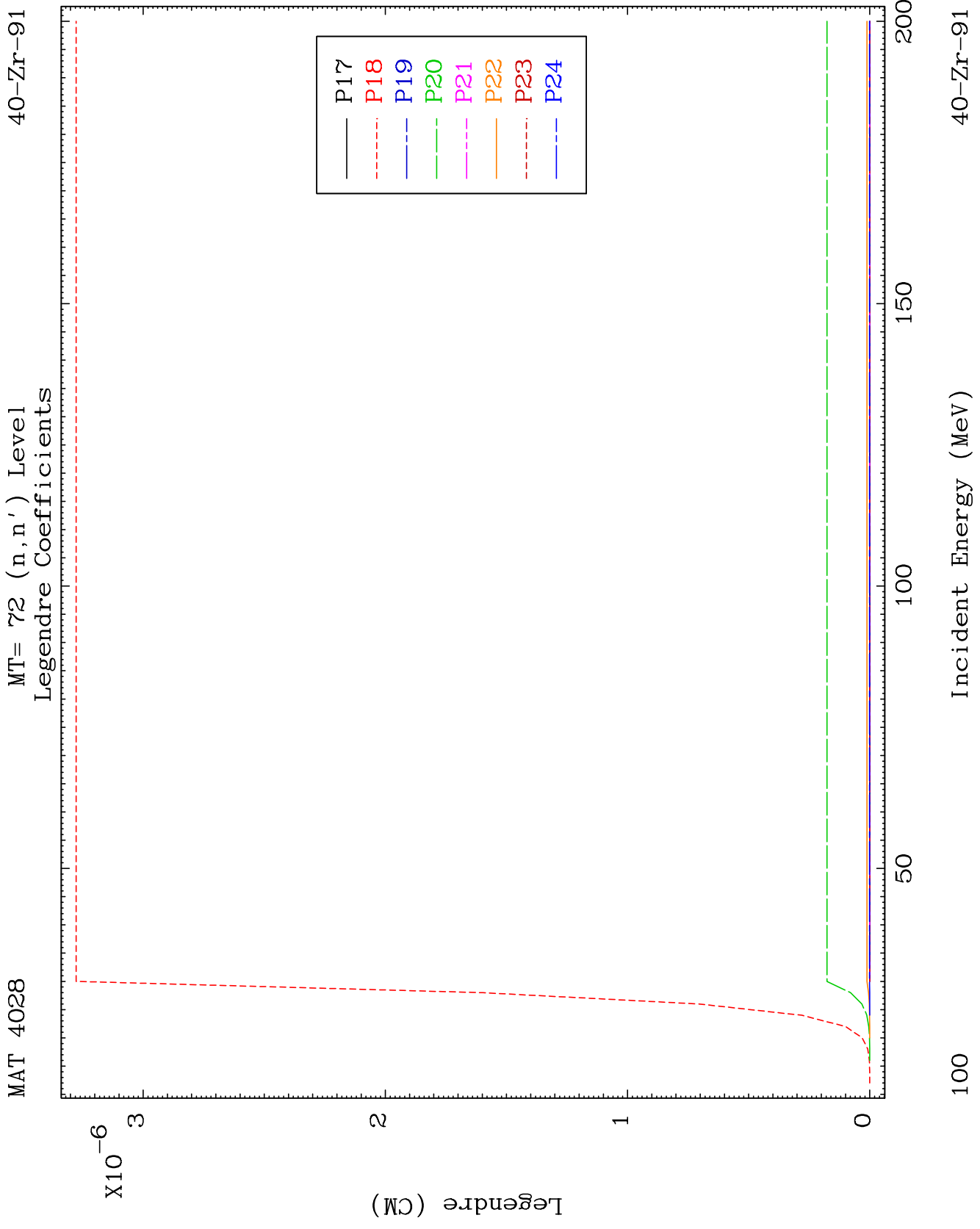










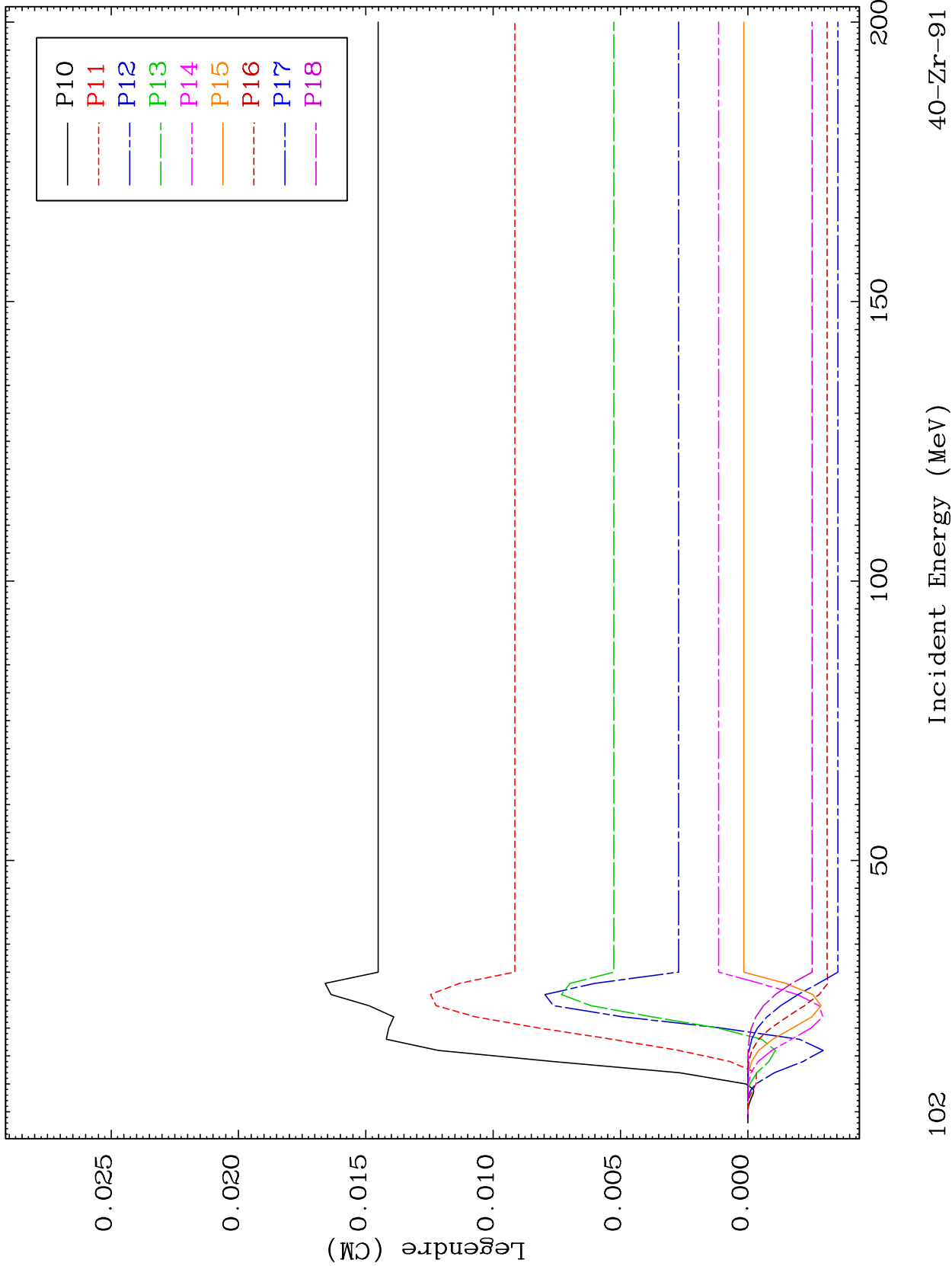




MAT 4028

MT= 73 (n,n') Level  
Legendre Coefficients

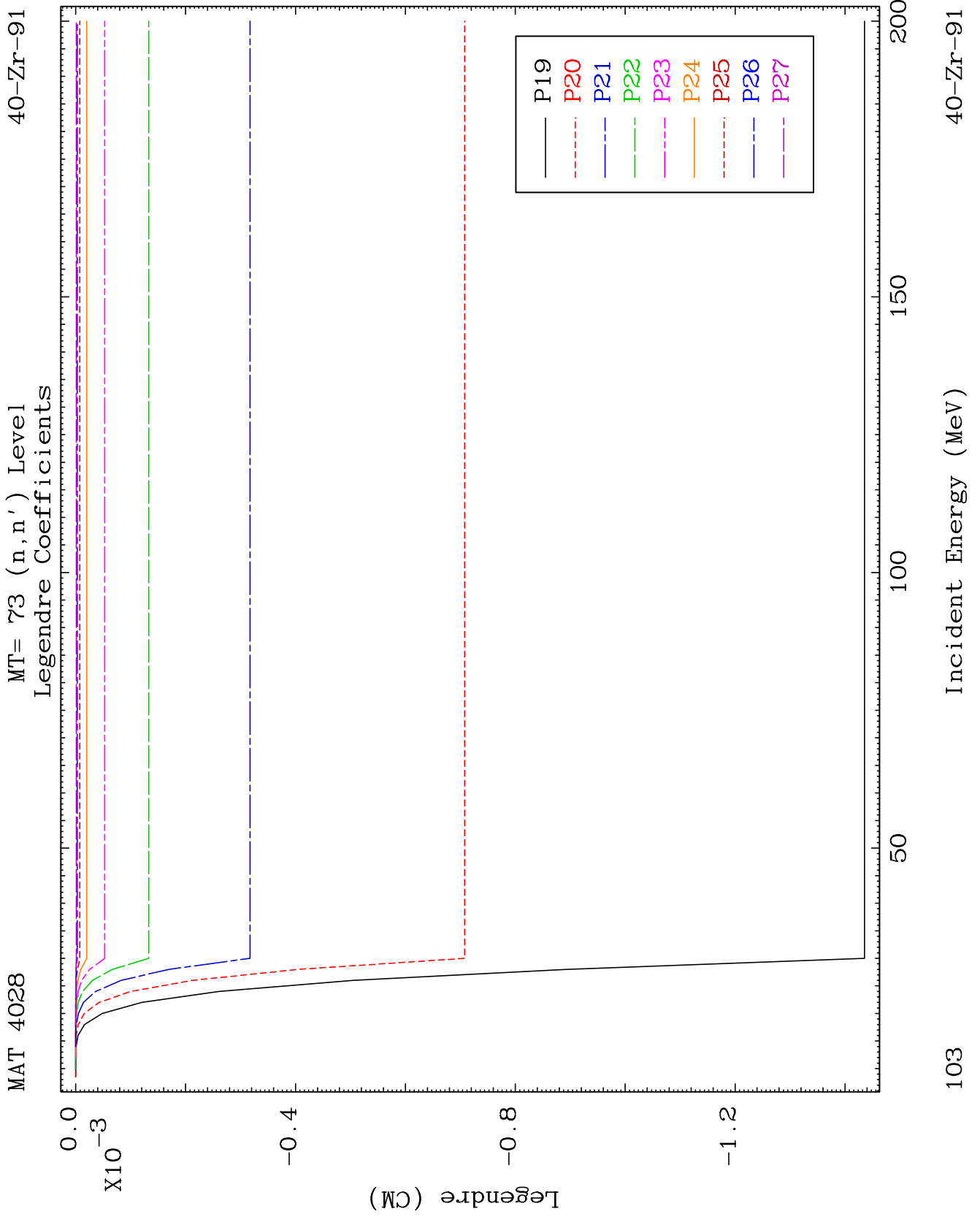
40-Zr-91



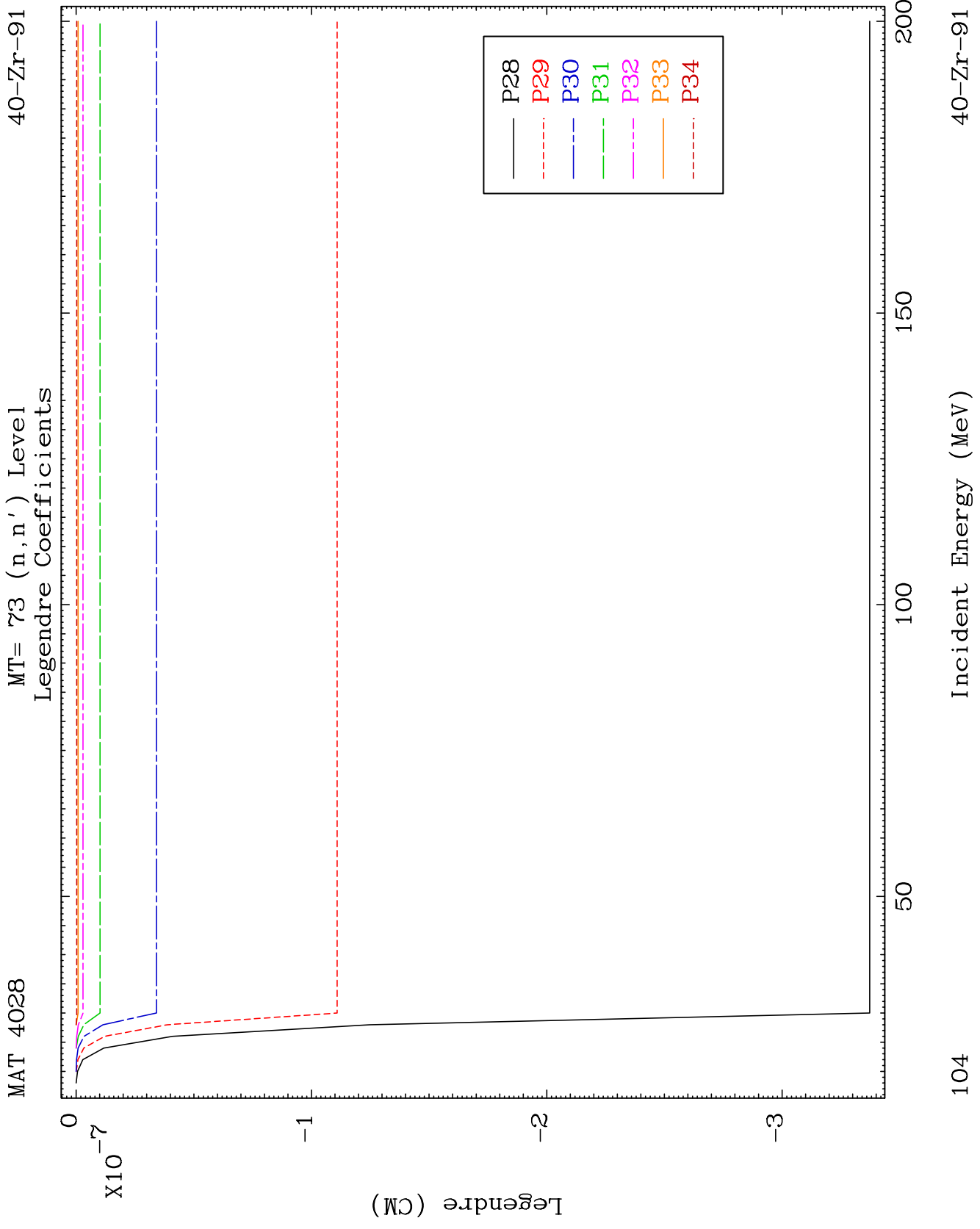
102

Incident Energy (MeV)

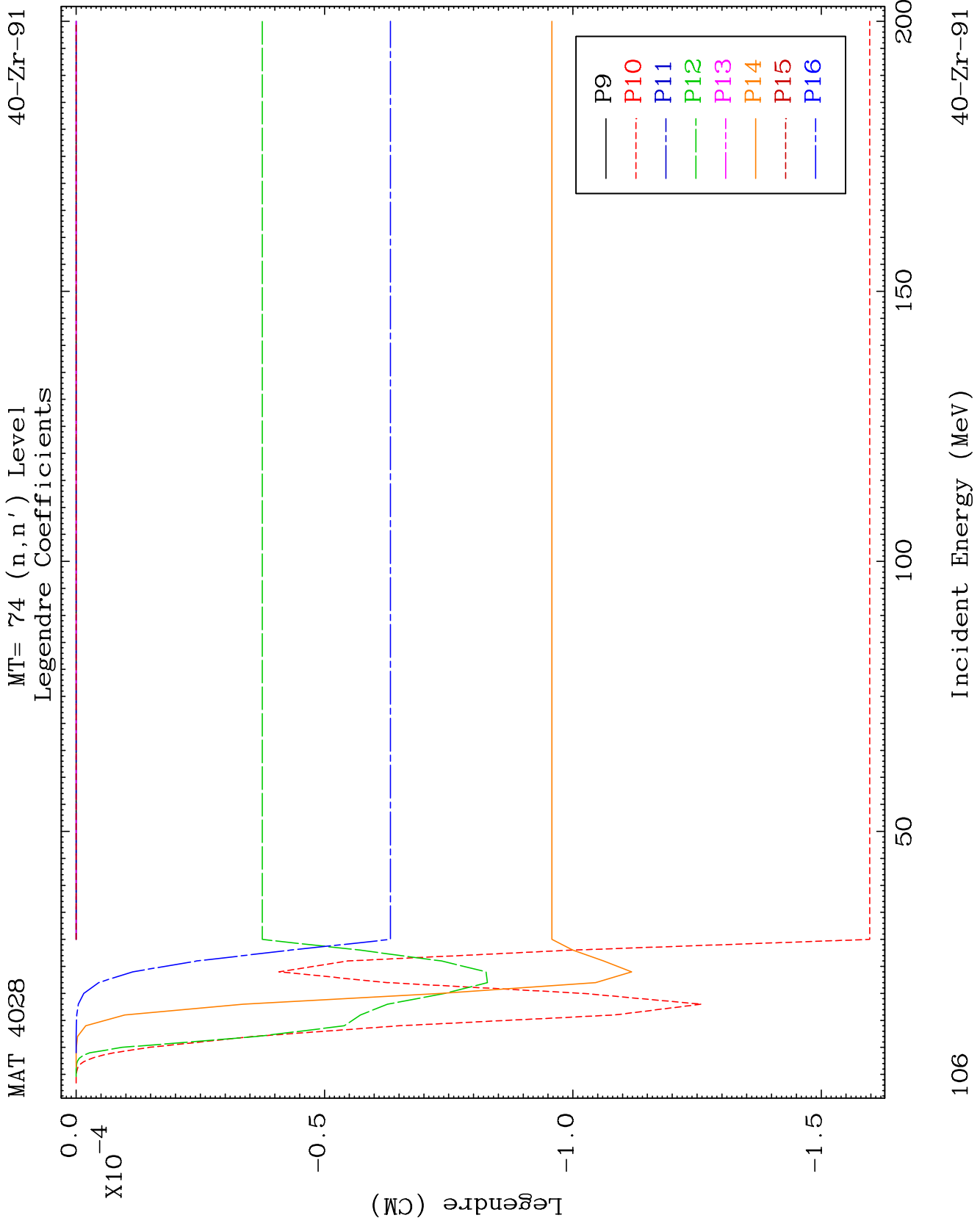
40-Zr-91

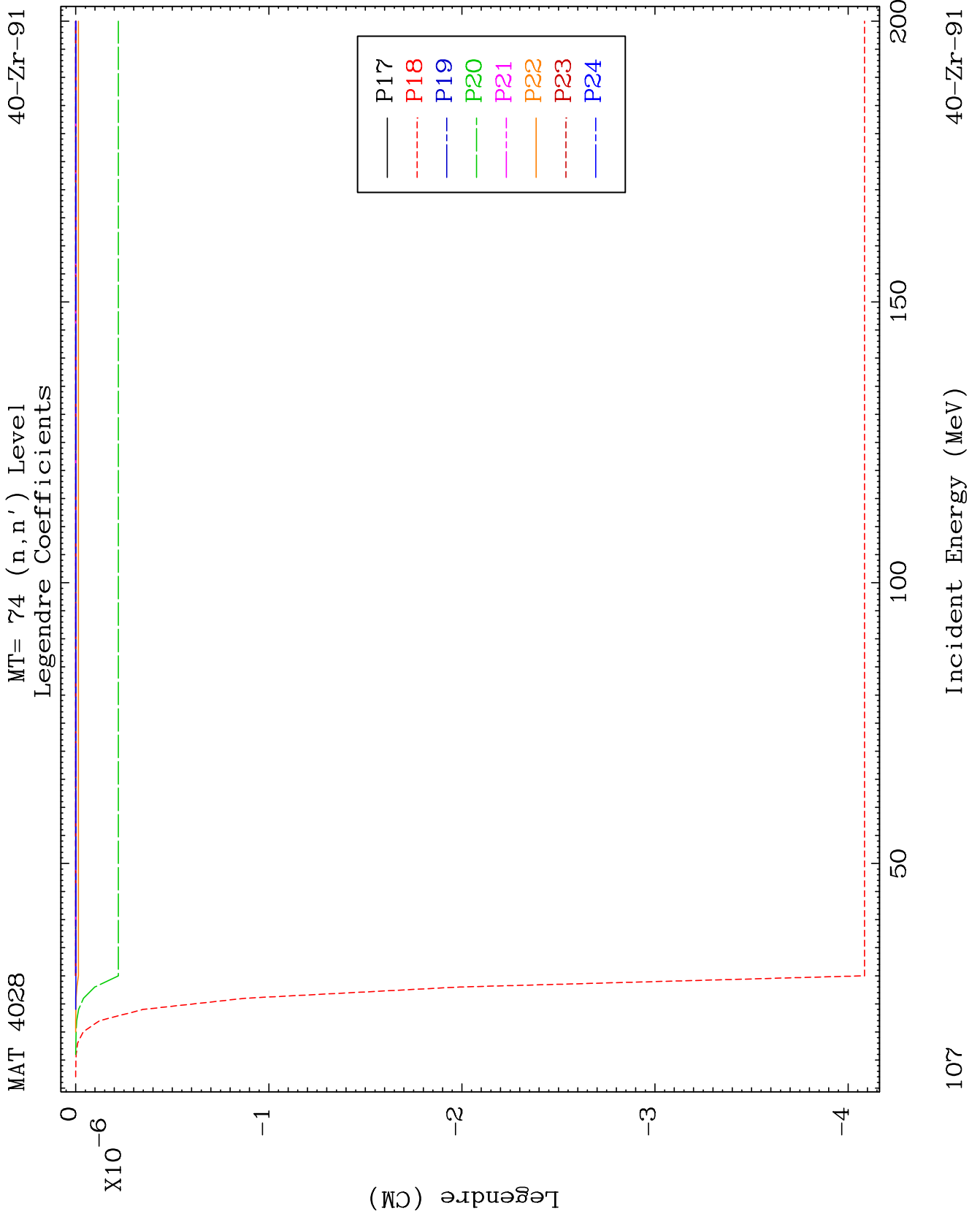


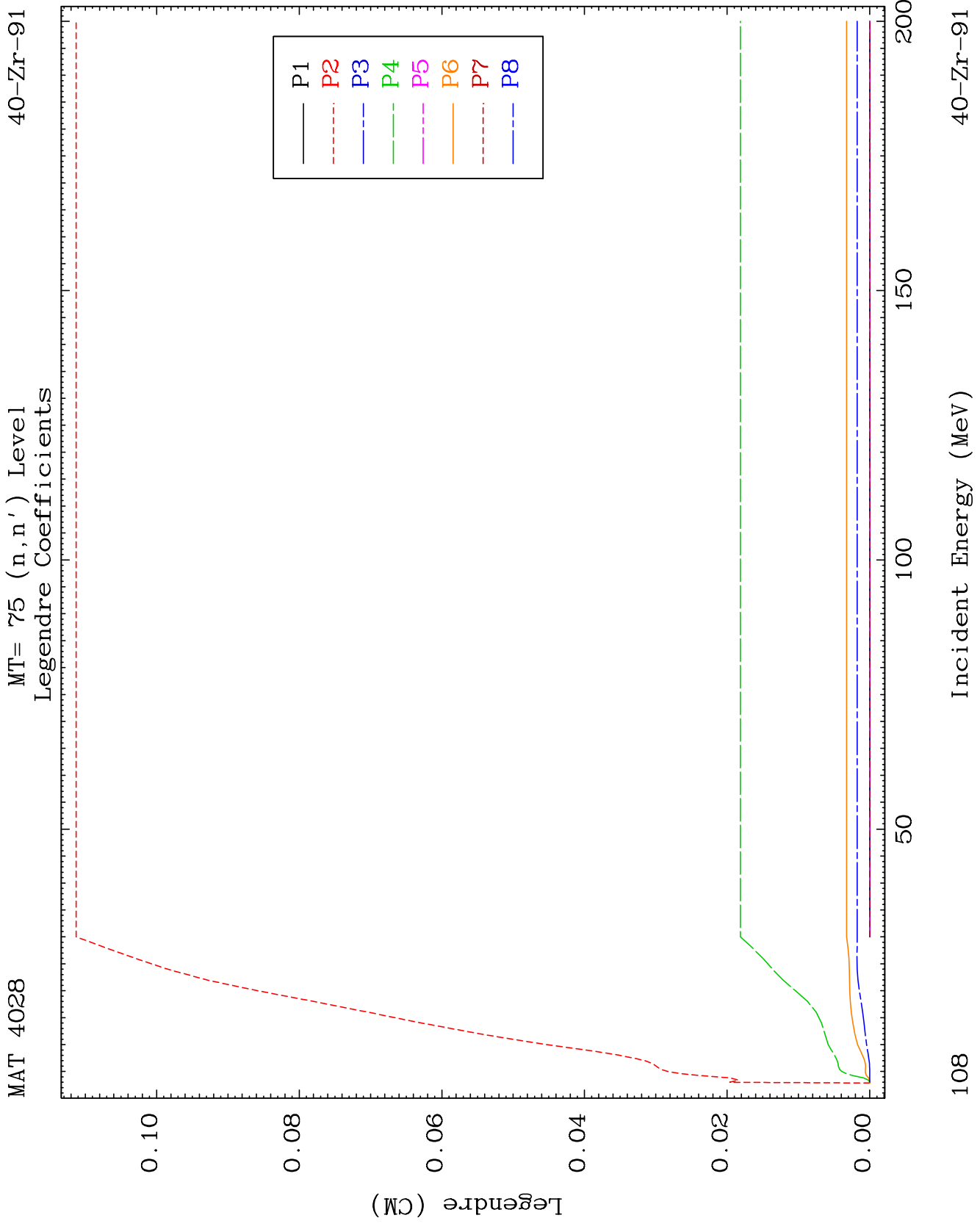


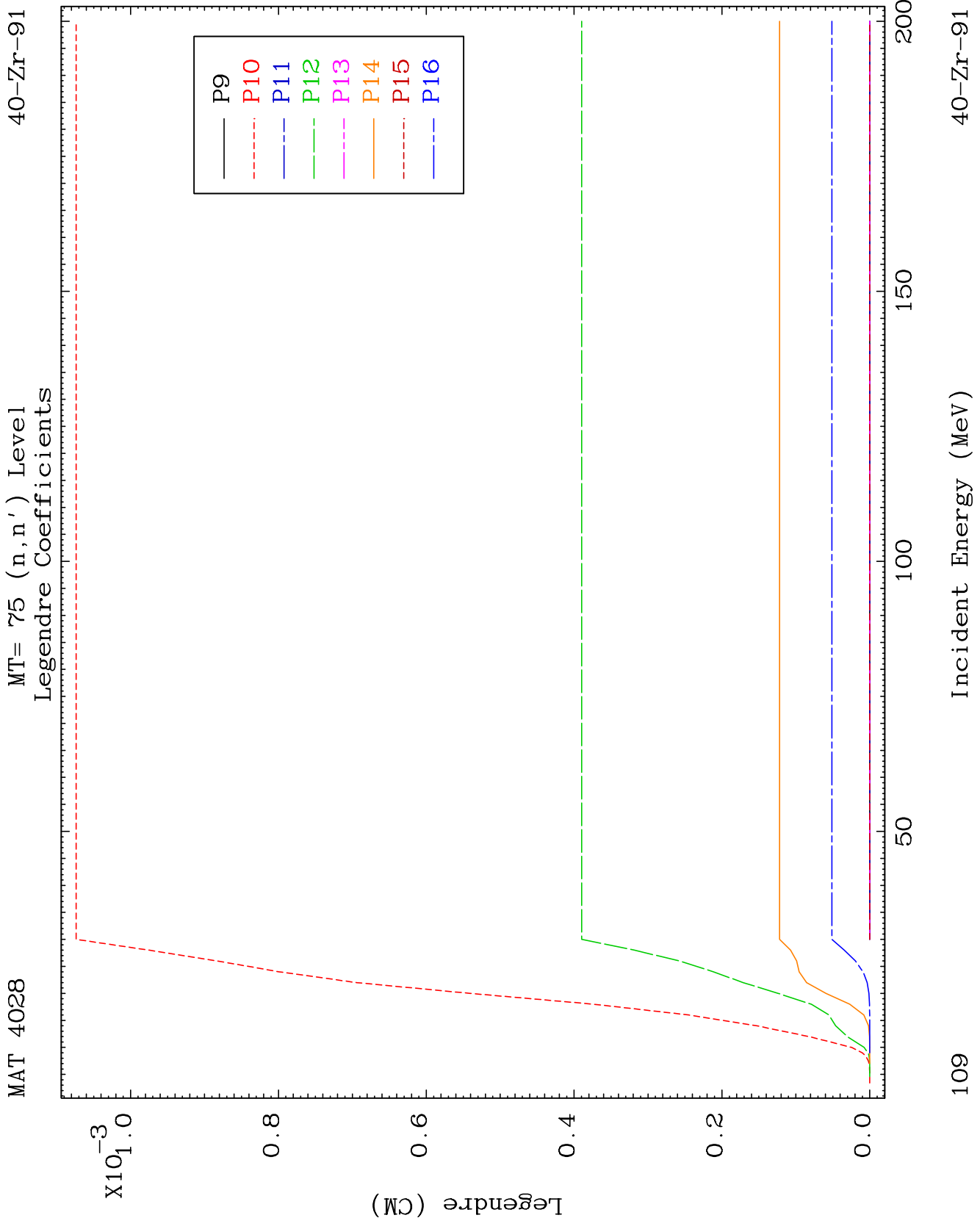


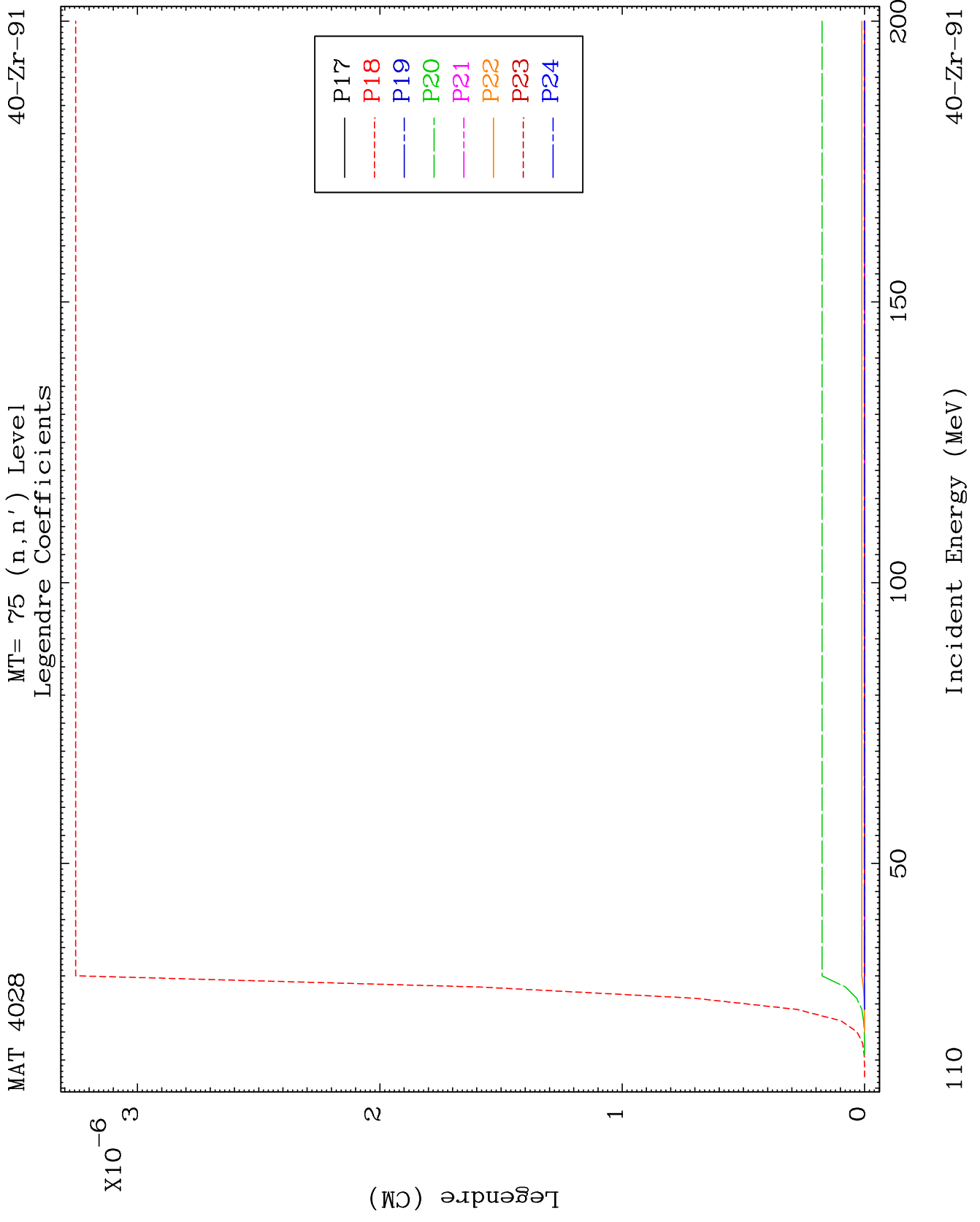






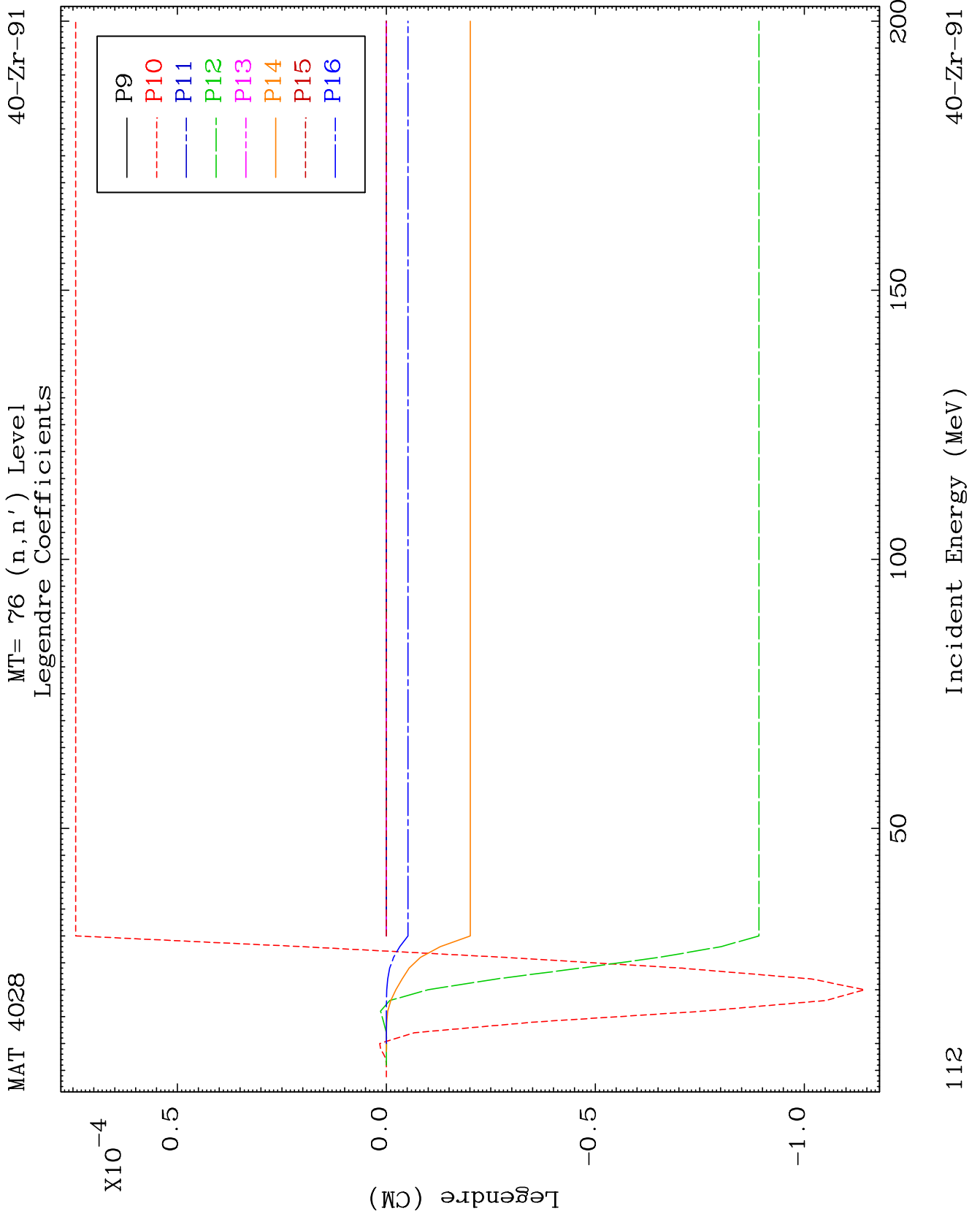










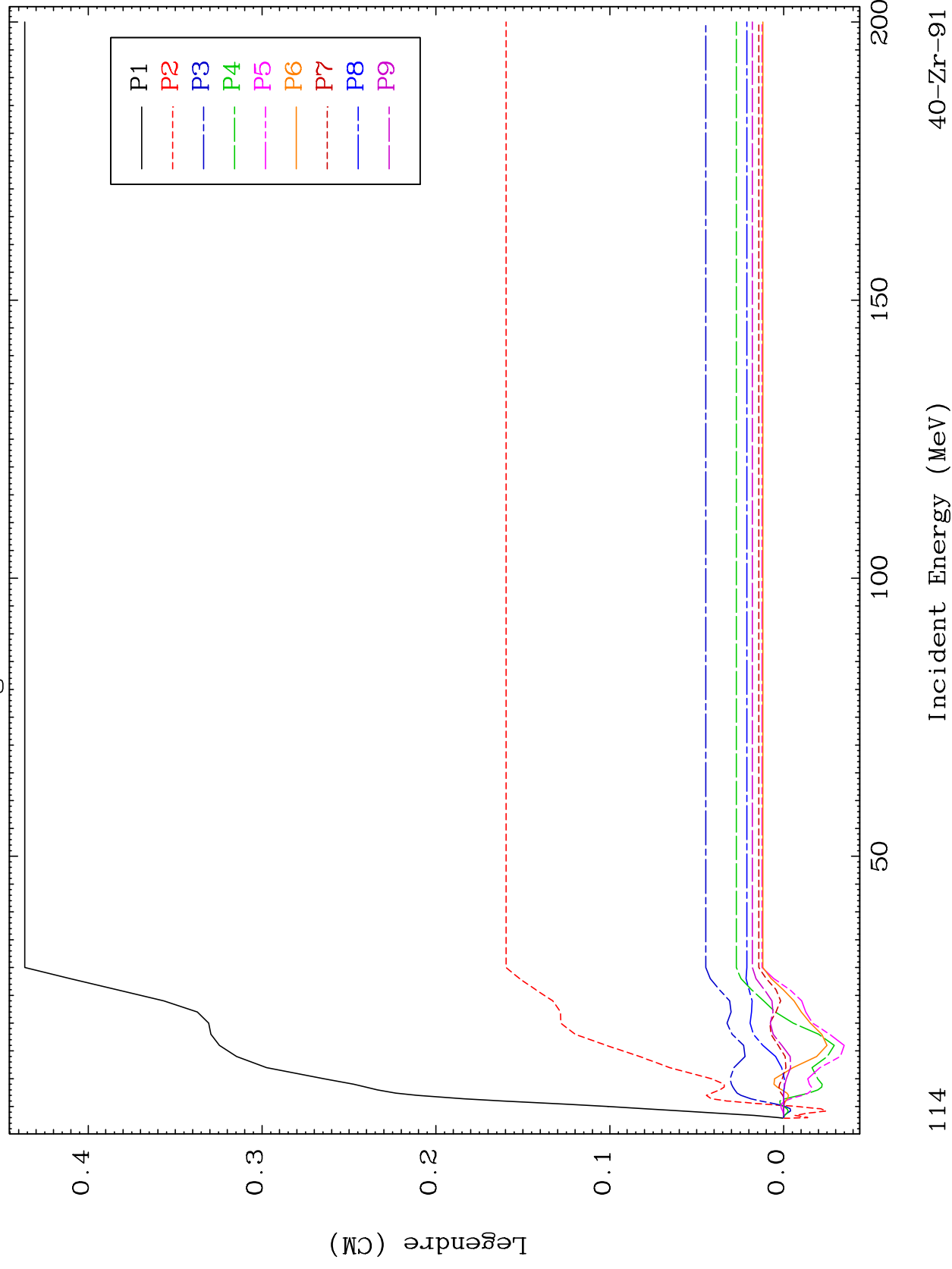




MAT 4028

MT= 77 (n,n') Level  
Legendre Coefficients

40-Zr-91



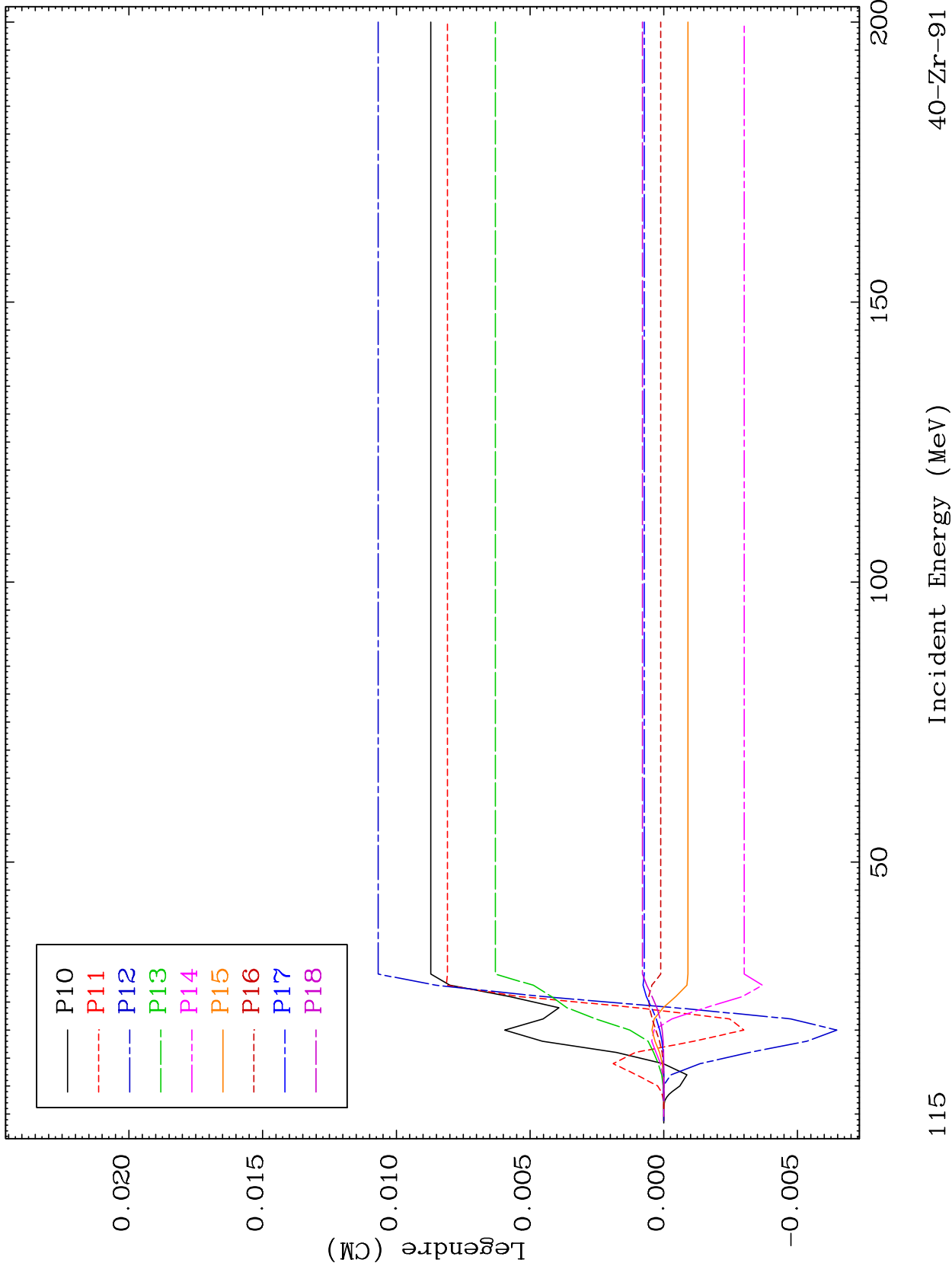
114

40-Zr-91

MAT 4028

MT= 77 (n,n') Level  
Legendre Coefficients

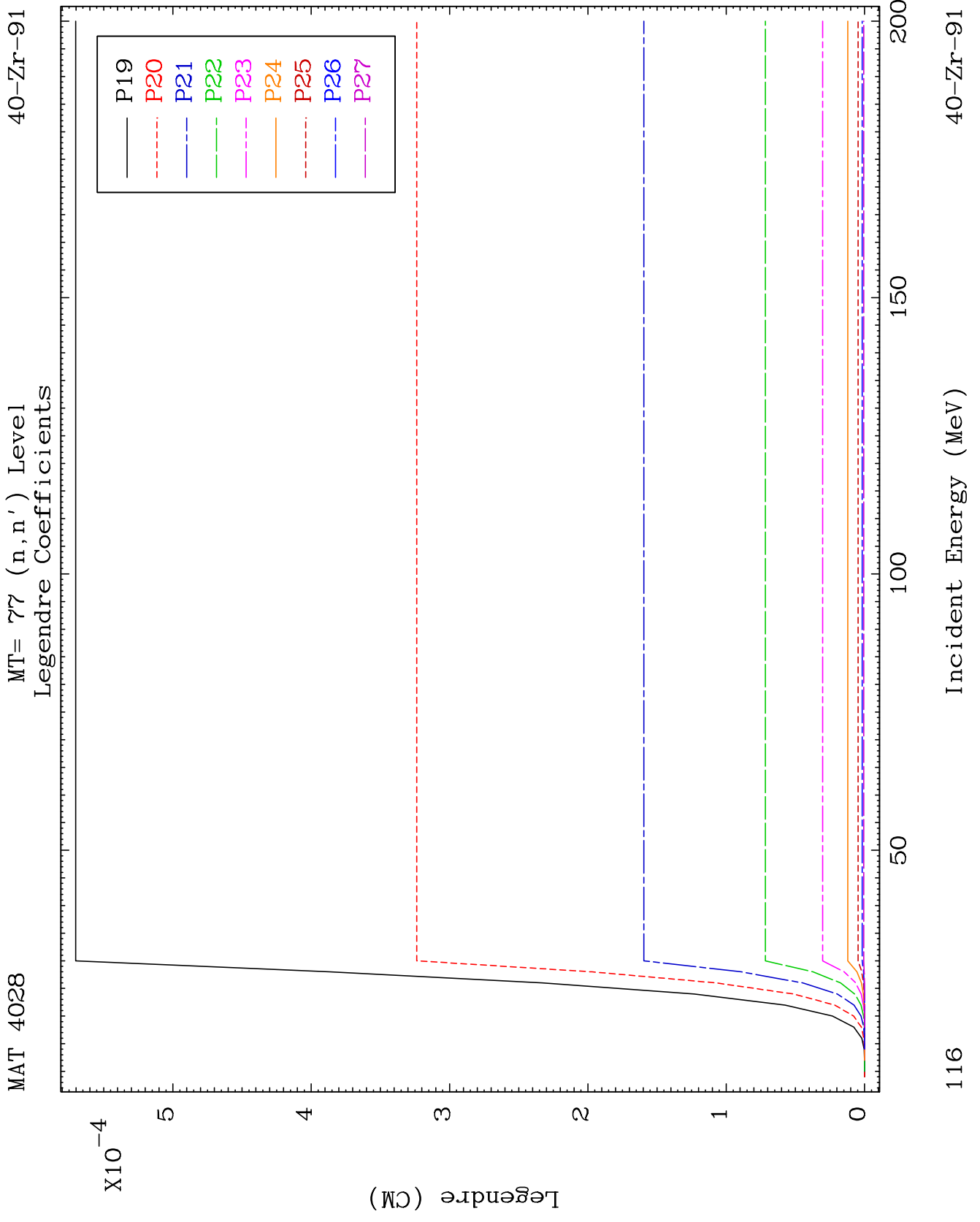
40-Zr-91

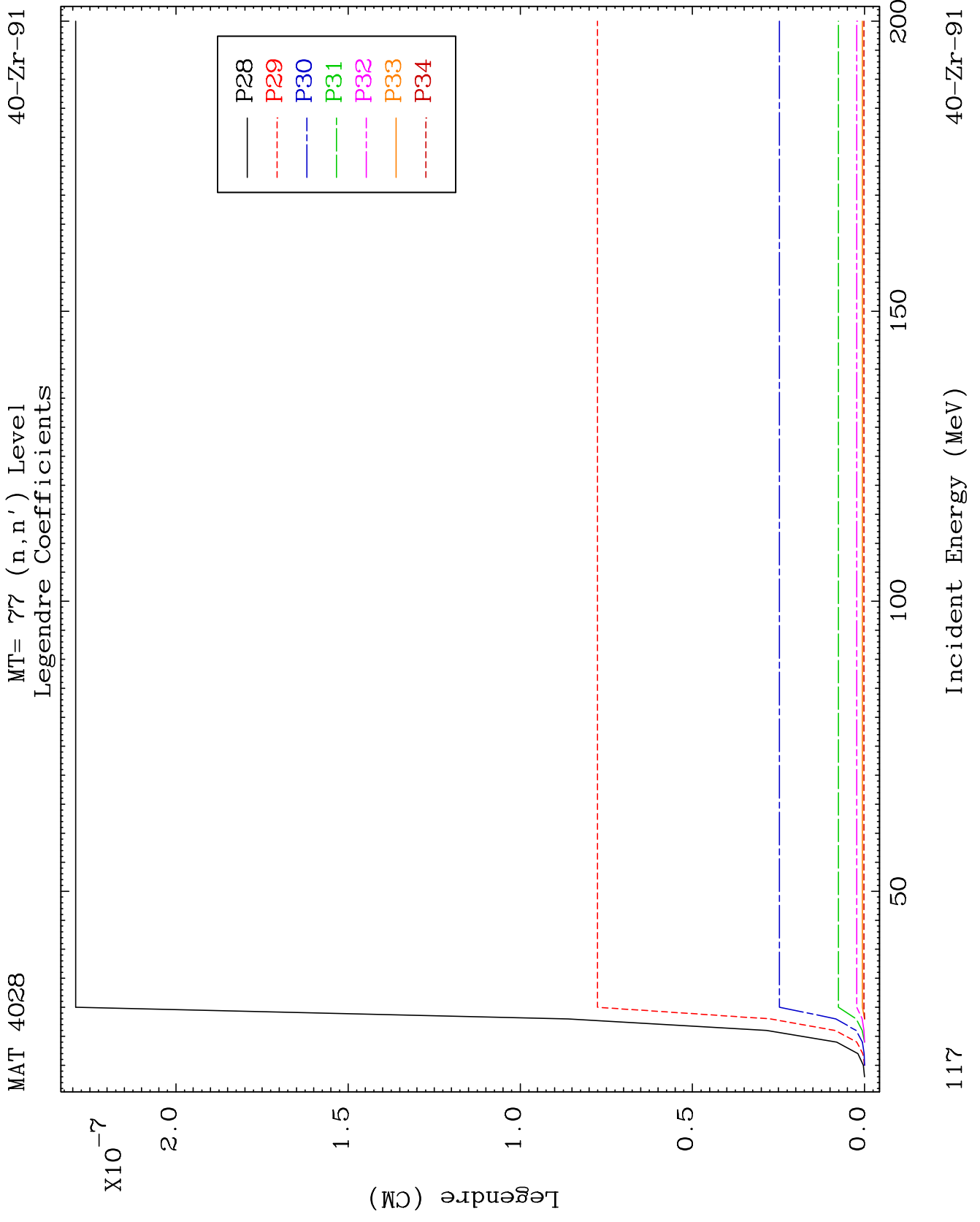


115

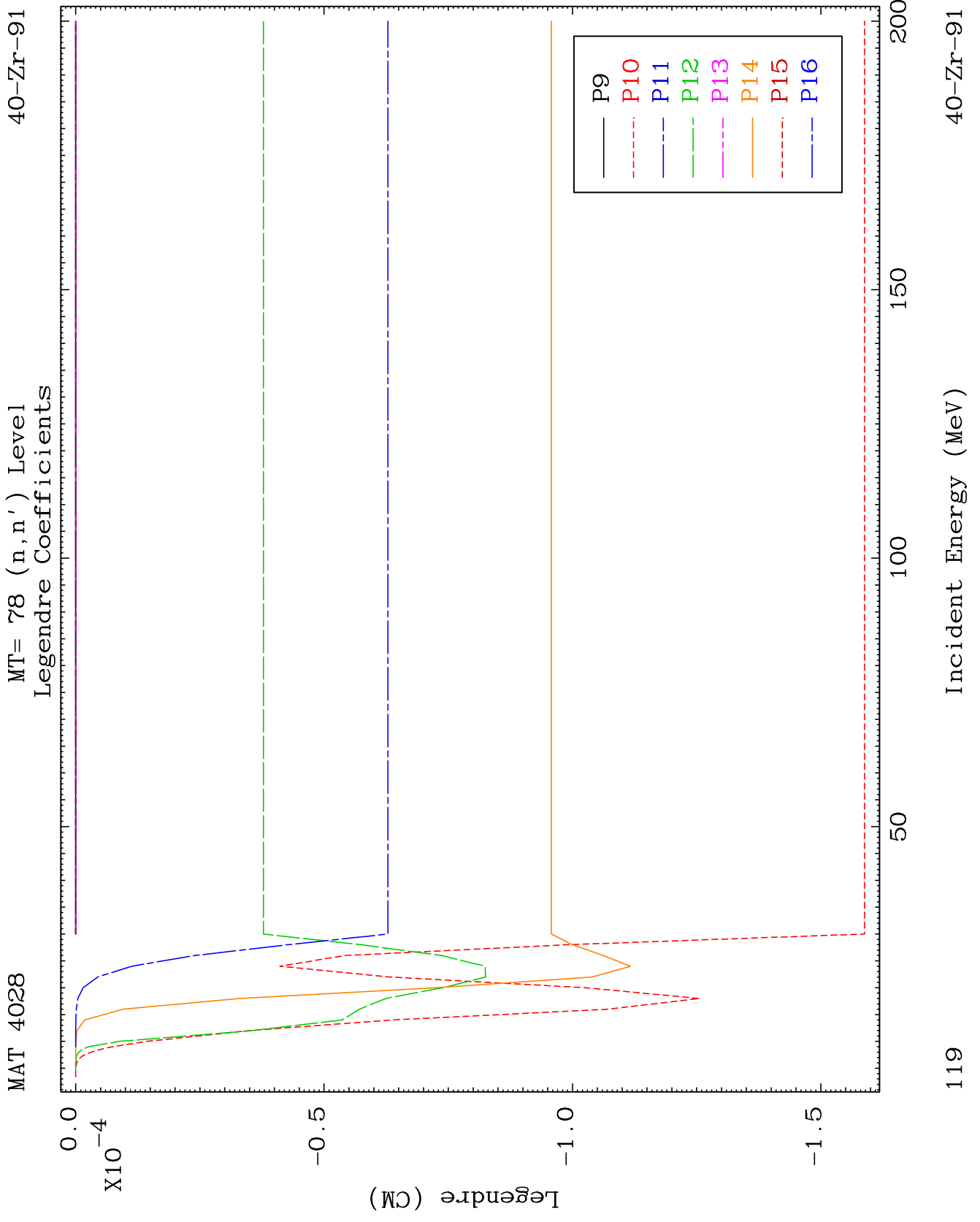
Incident Energy (MeV)

40-Zr-91





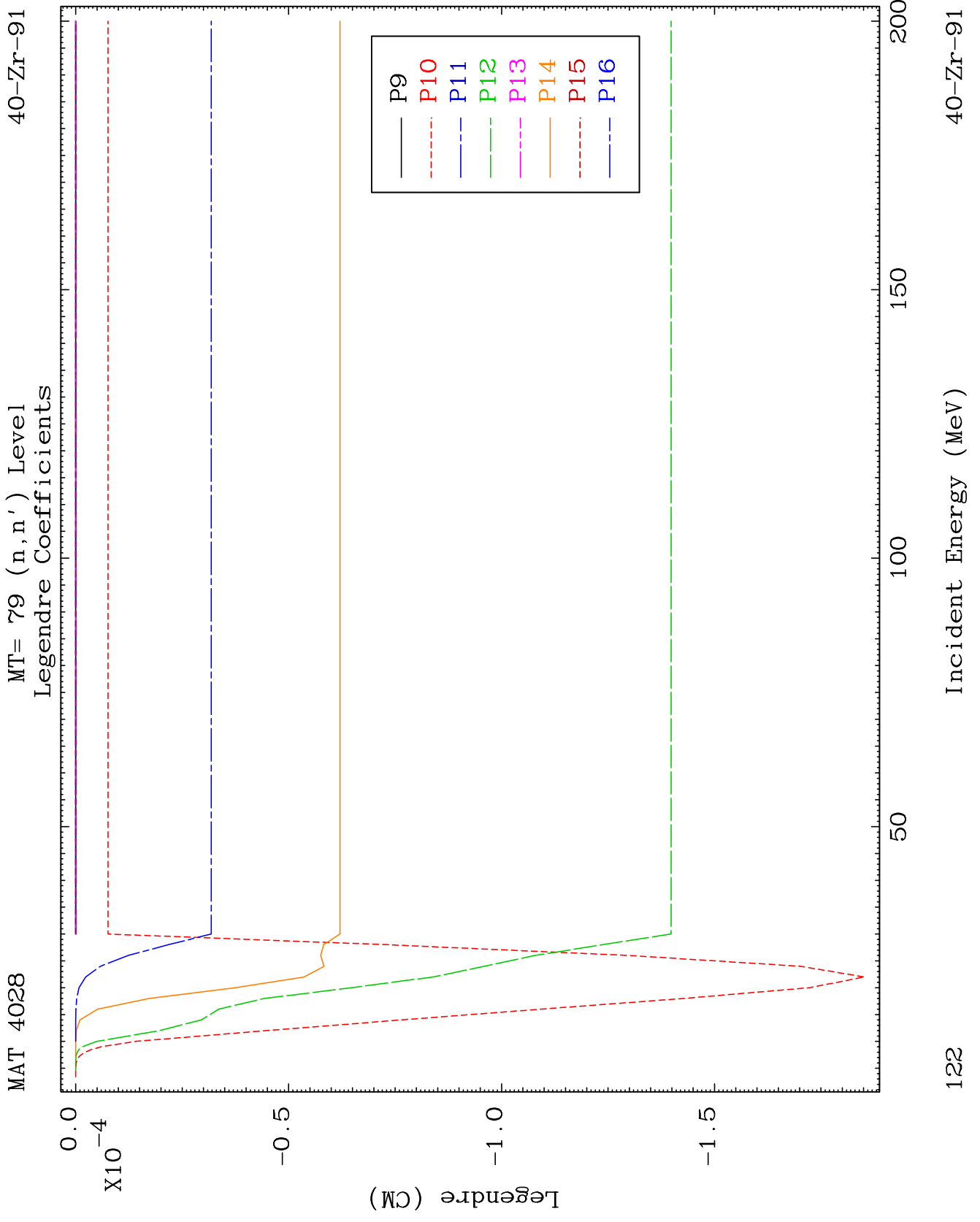


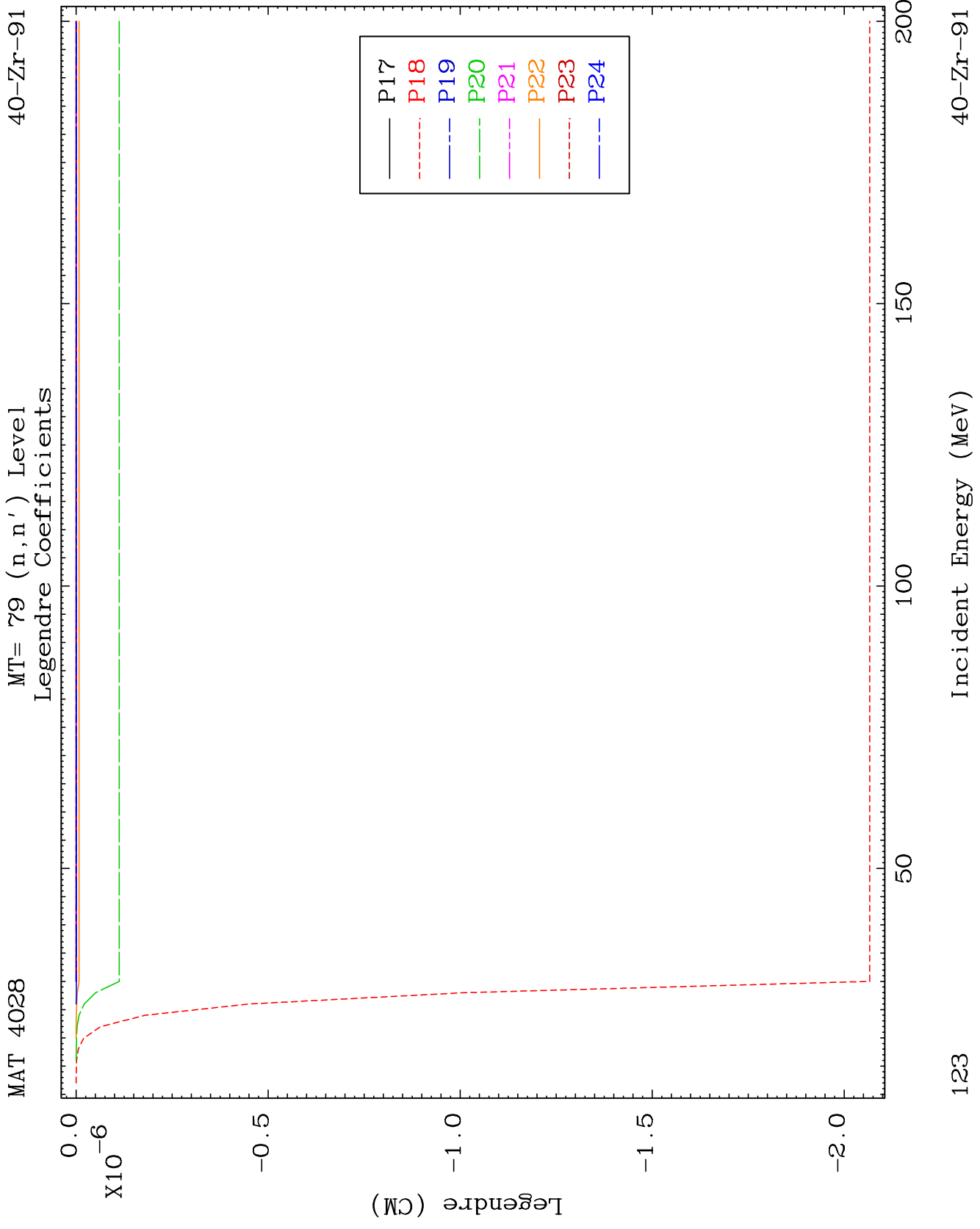




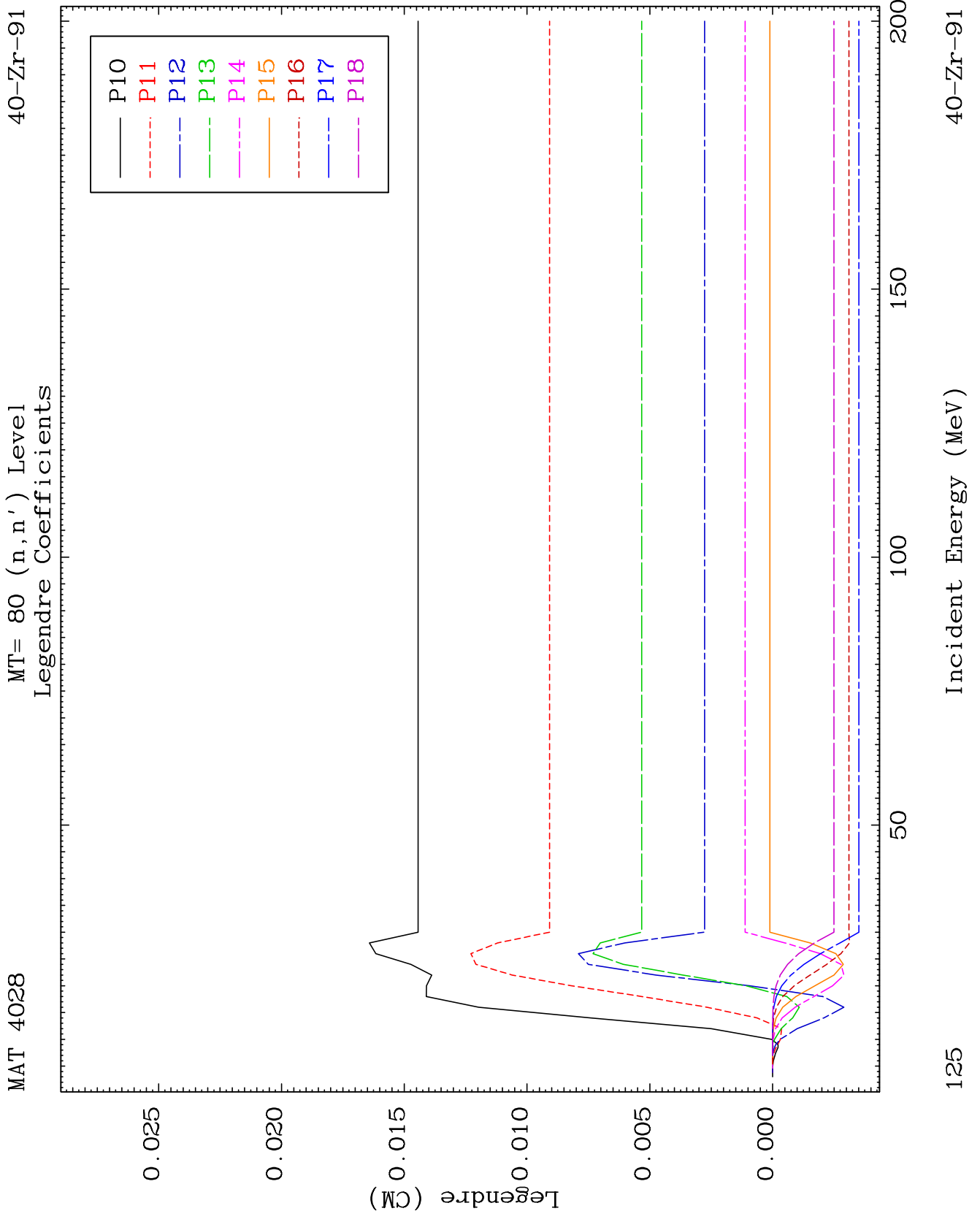


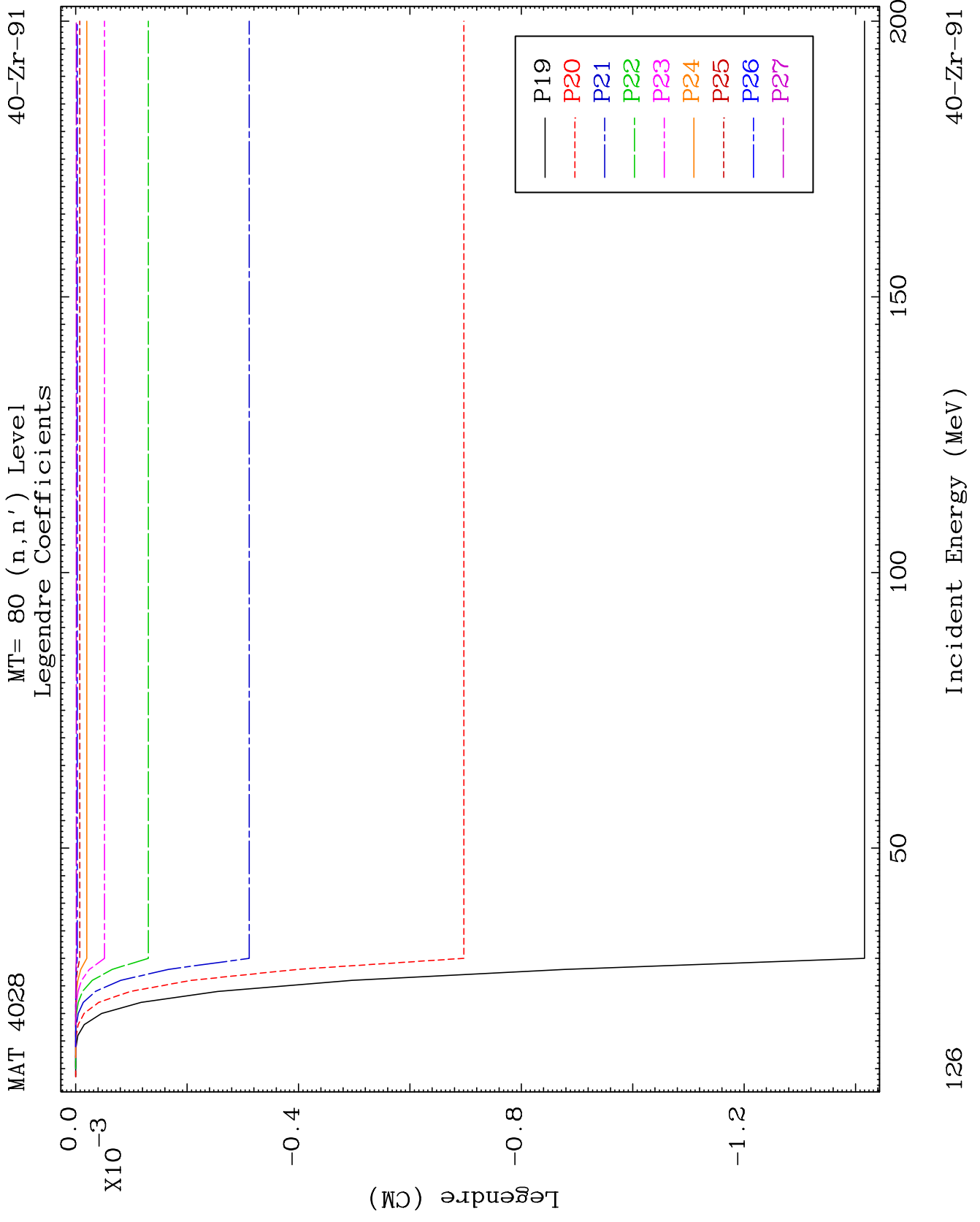


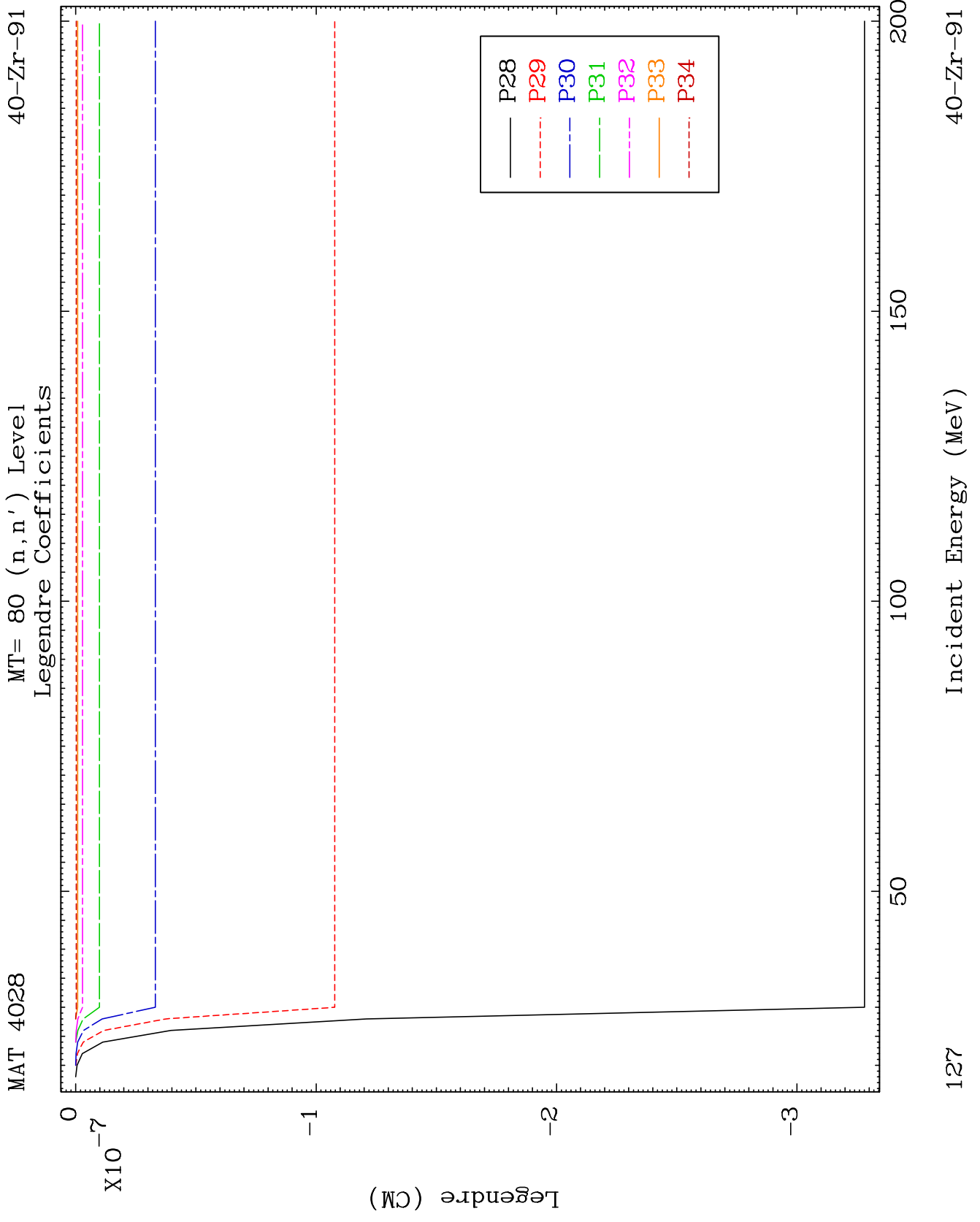










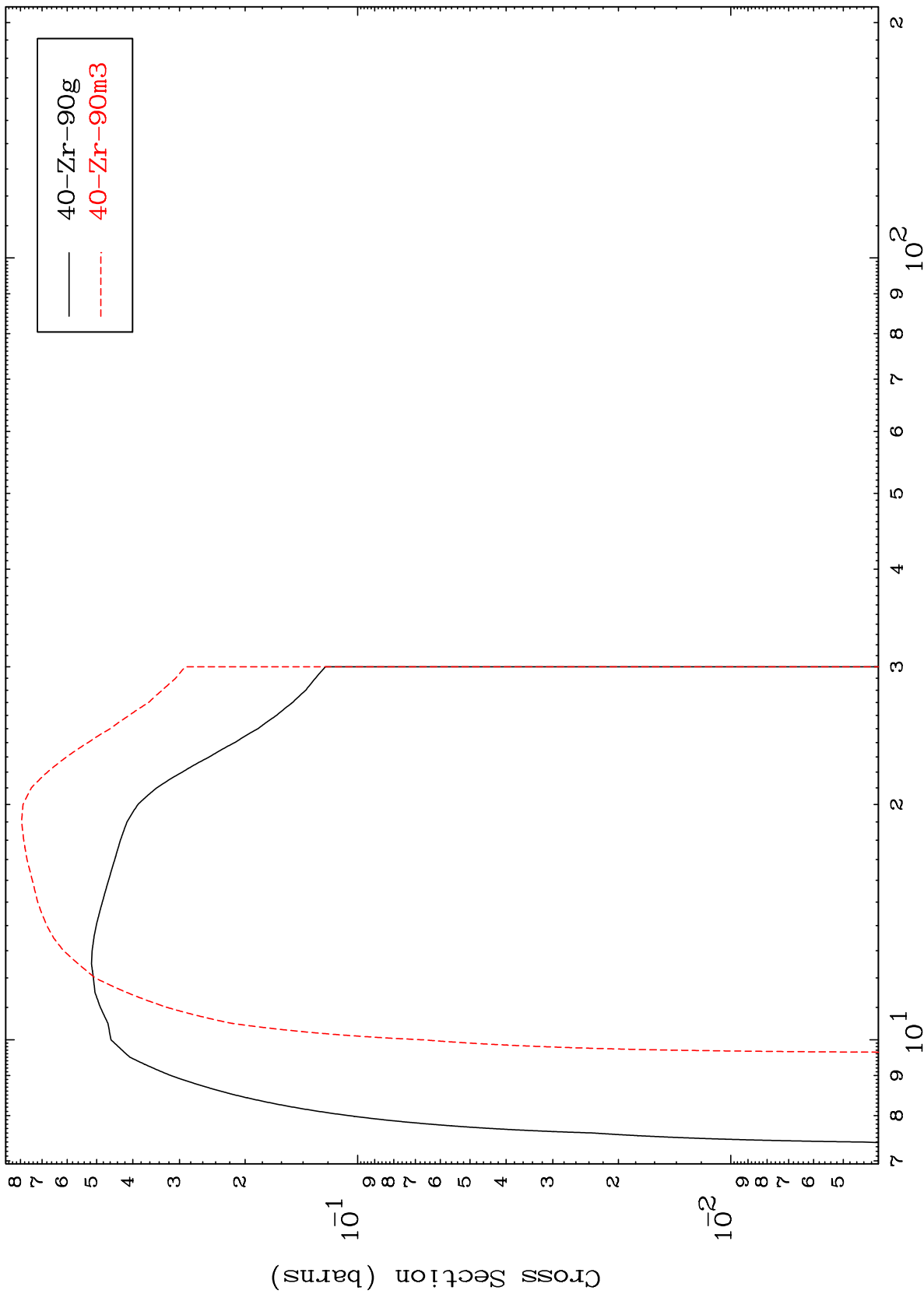




MAT 4028

40-Zr-91

(n,2n)  
Radionuclide Production Cross Section



— 40-Zr-90g  
- - - 40-Zr-90m3

128

Incident Energy (MeV)

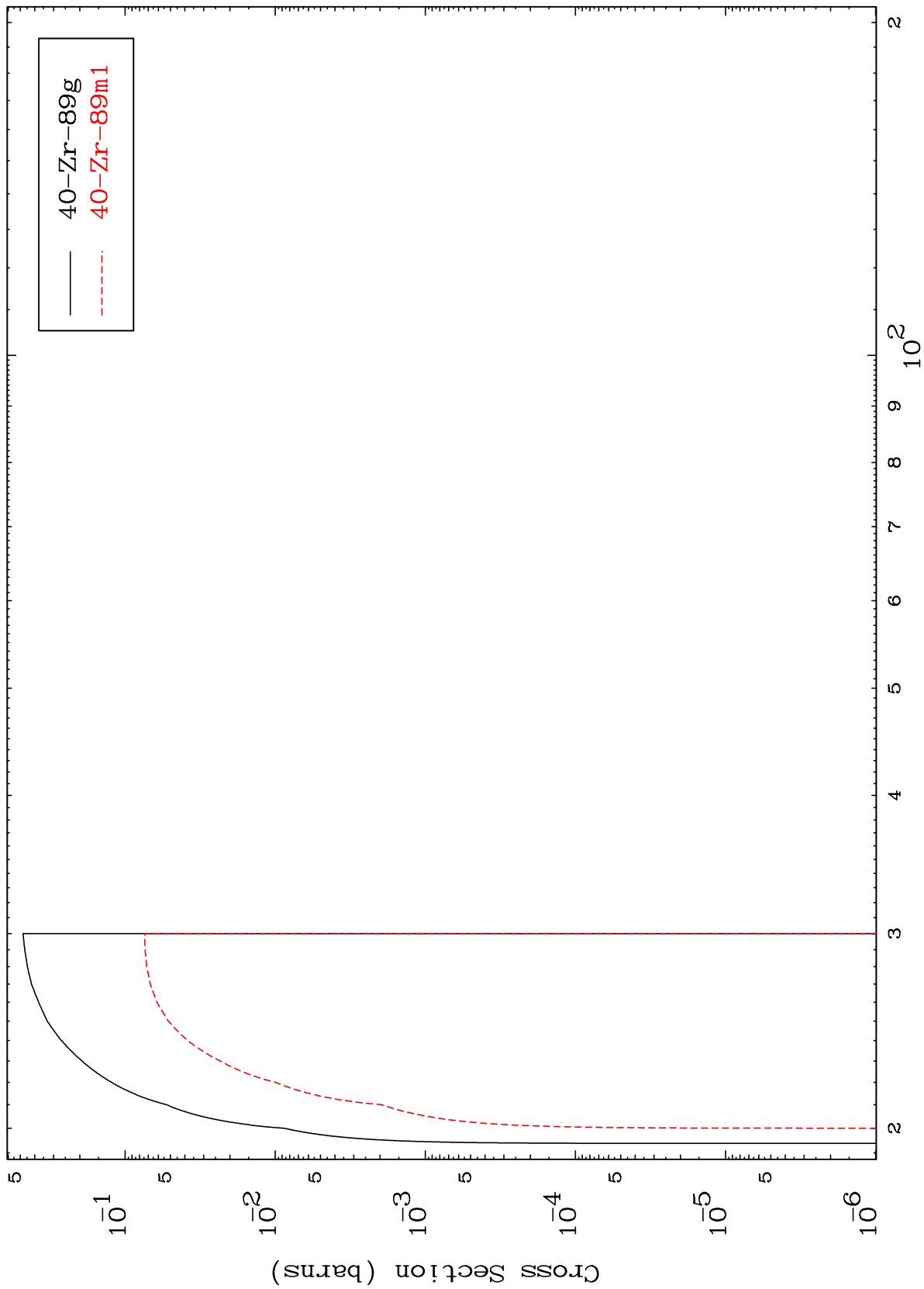
40-Zr-91

MAT 4028

40-Zr-91

(n,3n)

Radionuclide Production Cross Section



40-Zr-91

Incident Energy (MeV)

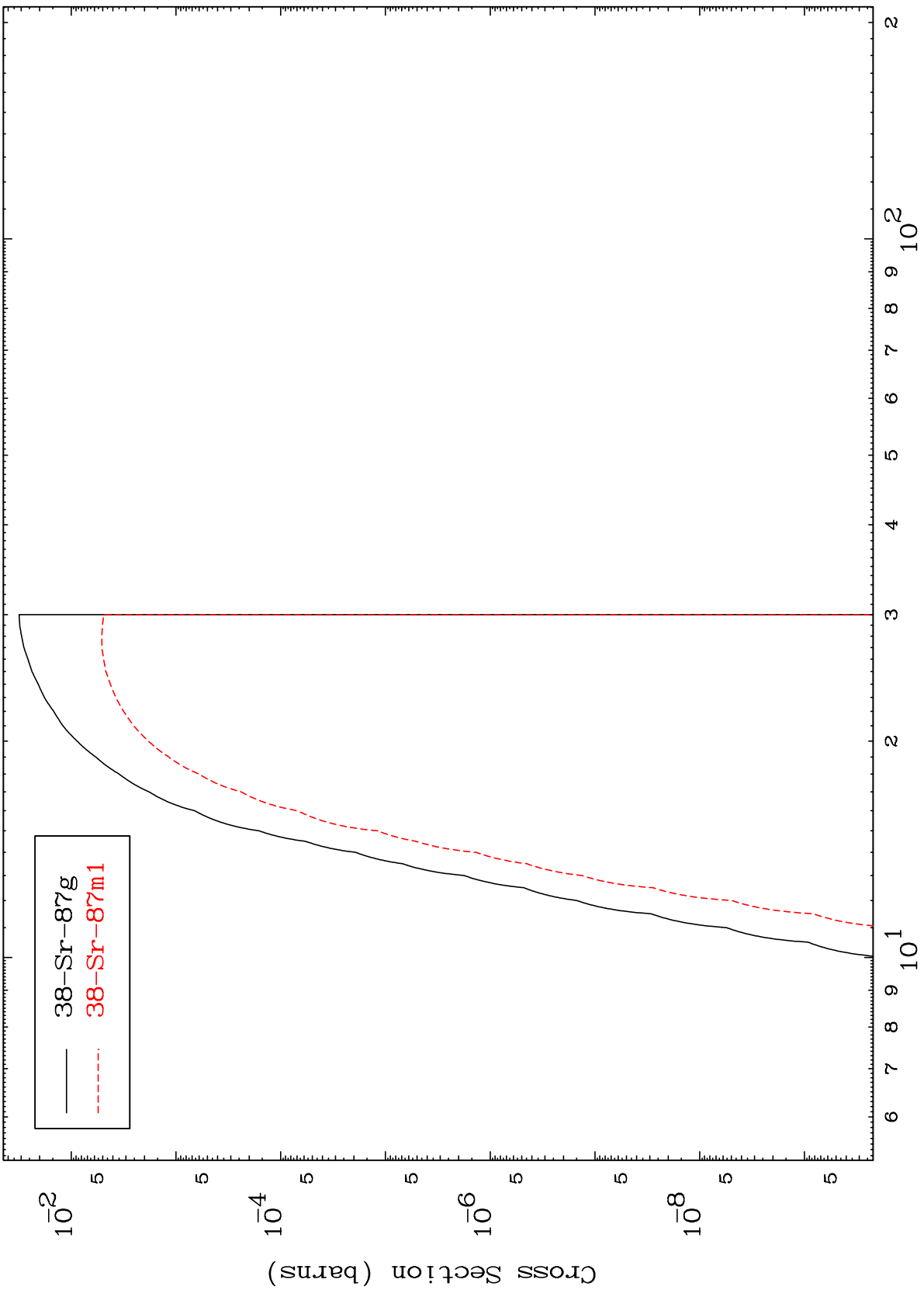
129

MAT 4028

(n,n')  $\alpha$

40-Zr-91

Radionuclide Production Cross Section



— 38-Sr-87g  
- - - 38-Sr-87m1

130

Incident Energy (MeV)

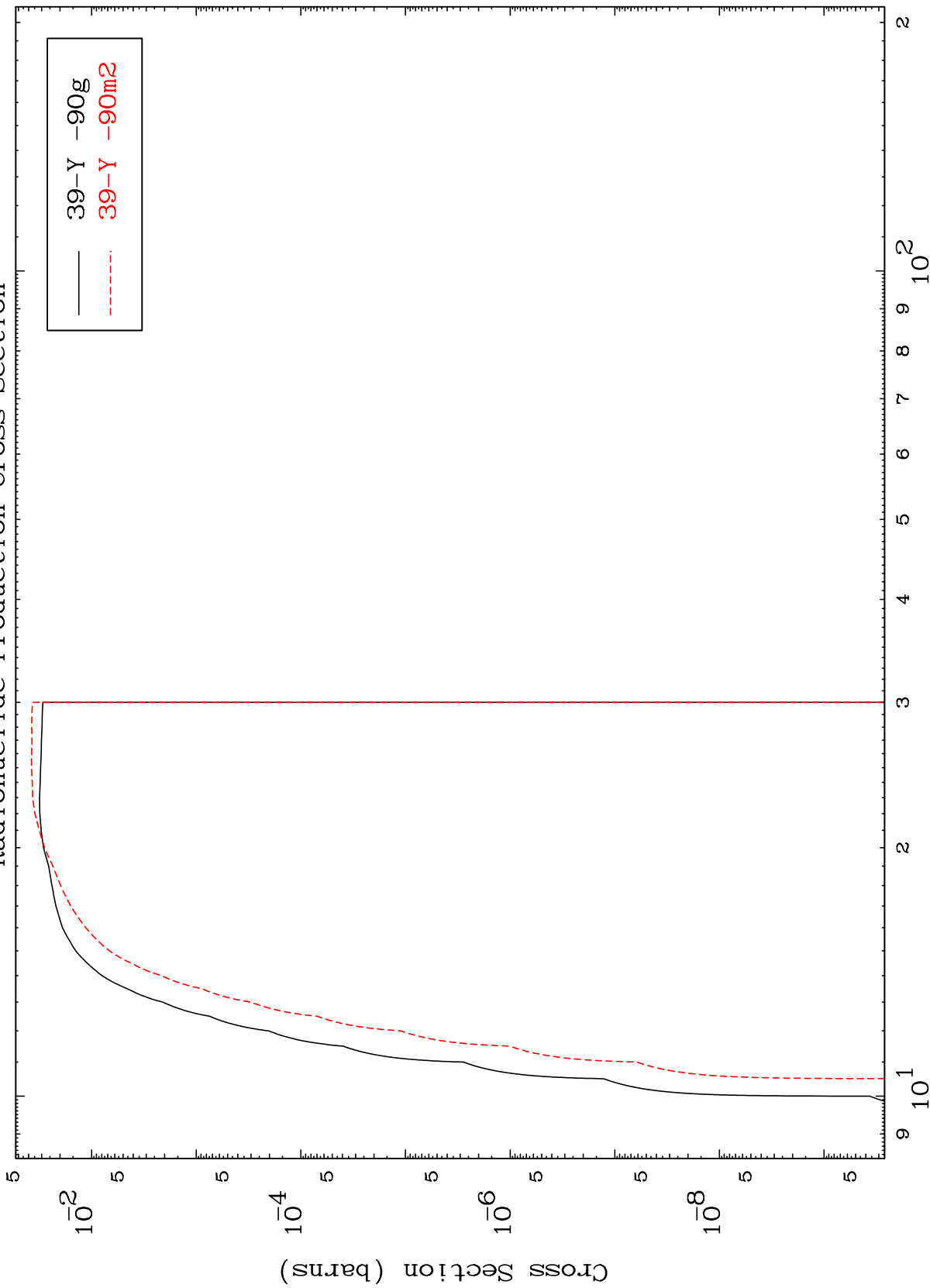
40-Zr-91

MAT 4028

(n,n') p

40-Zr-91

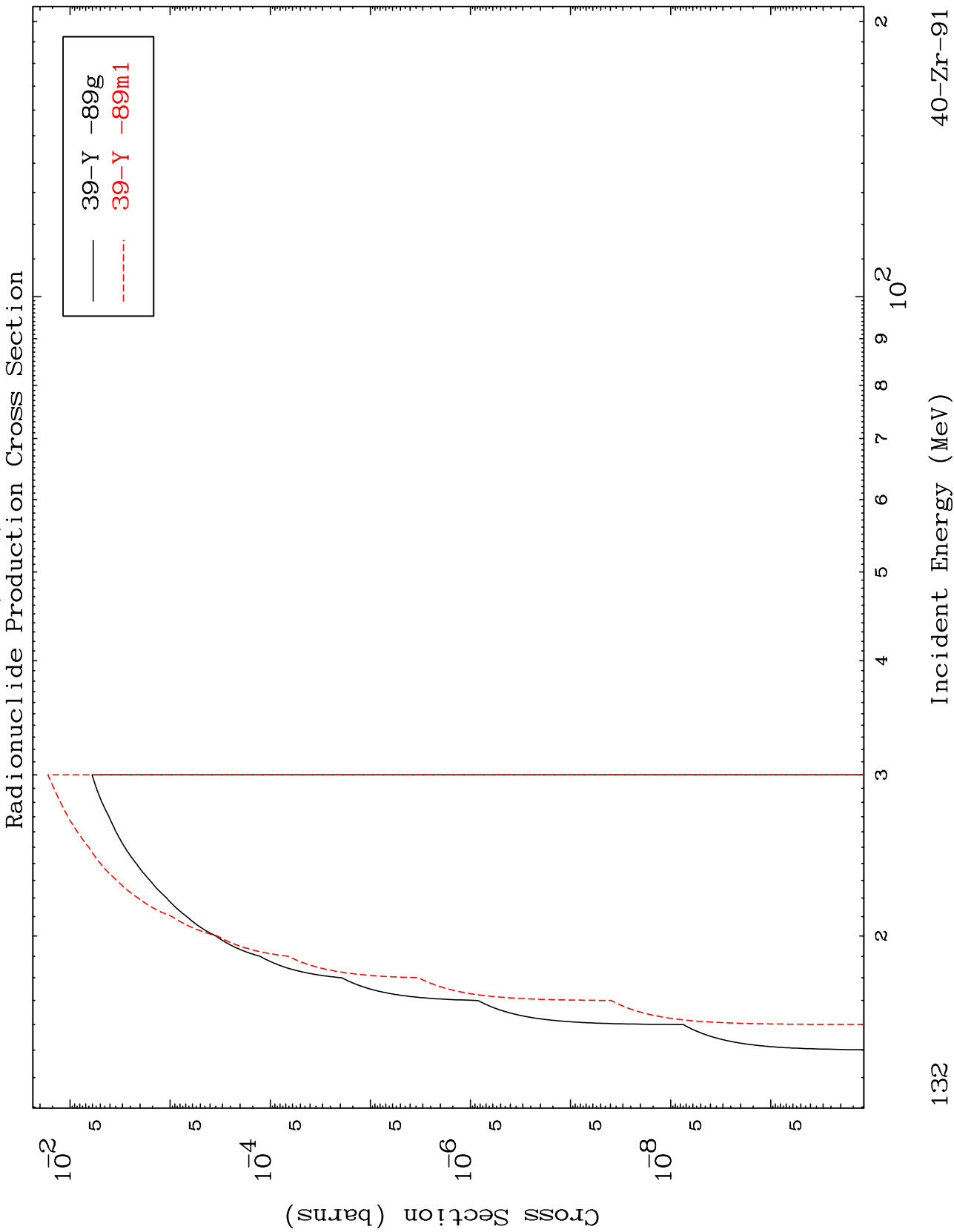
Radionuclide Production Cross Section



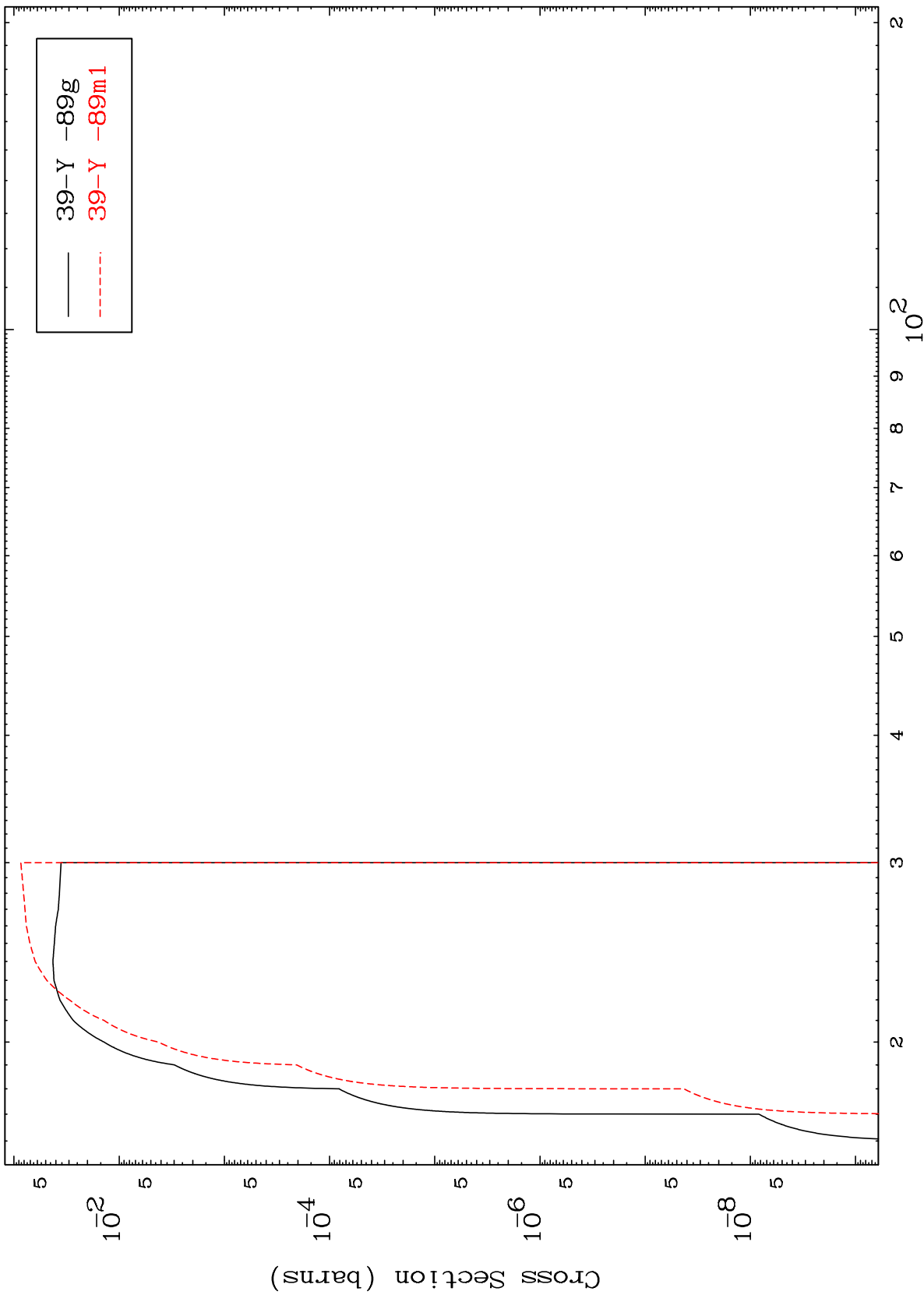
131

Incident Energy (MeV)

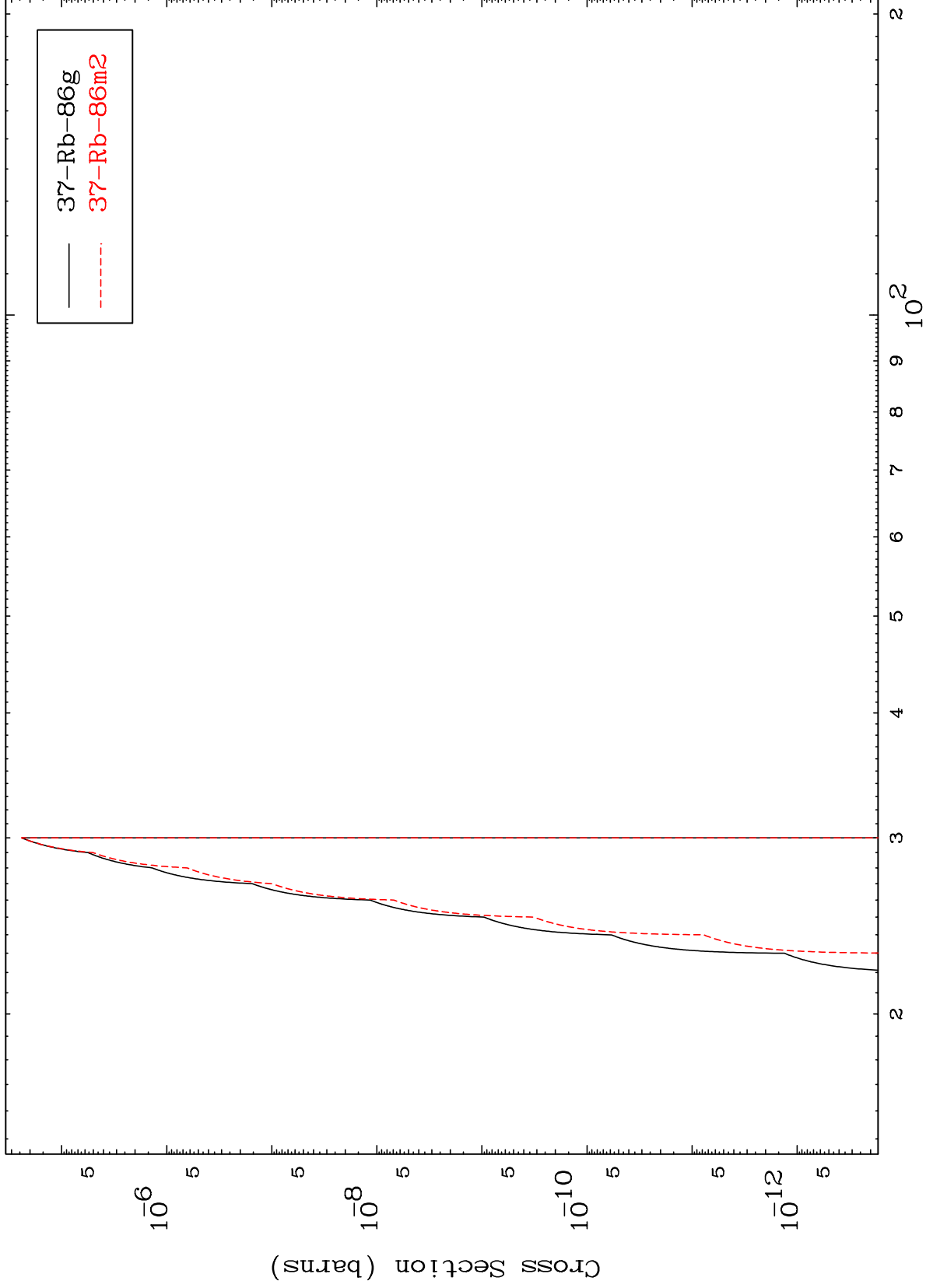
40-Zr-91



Radionuclide Production Cross Section



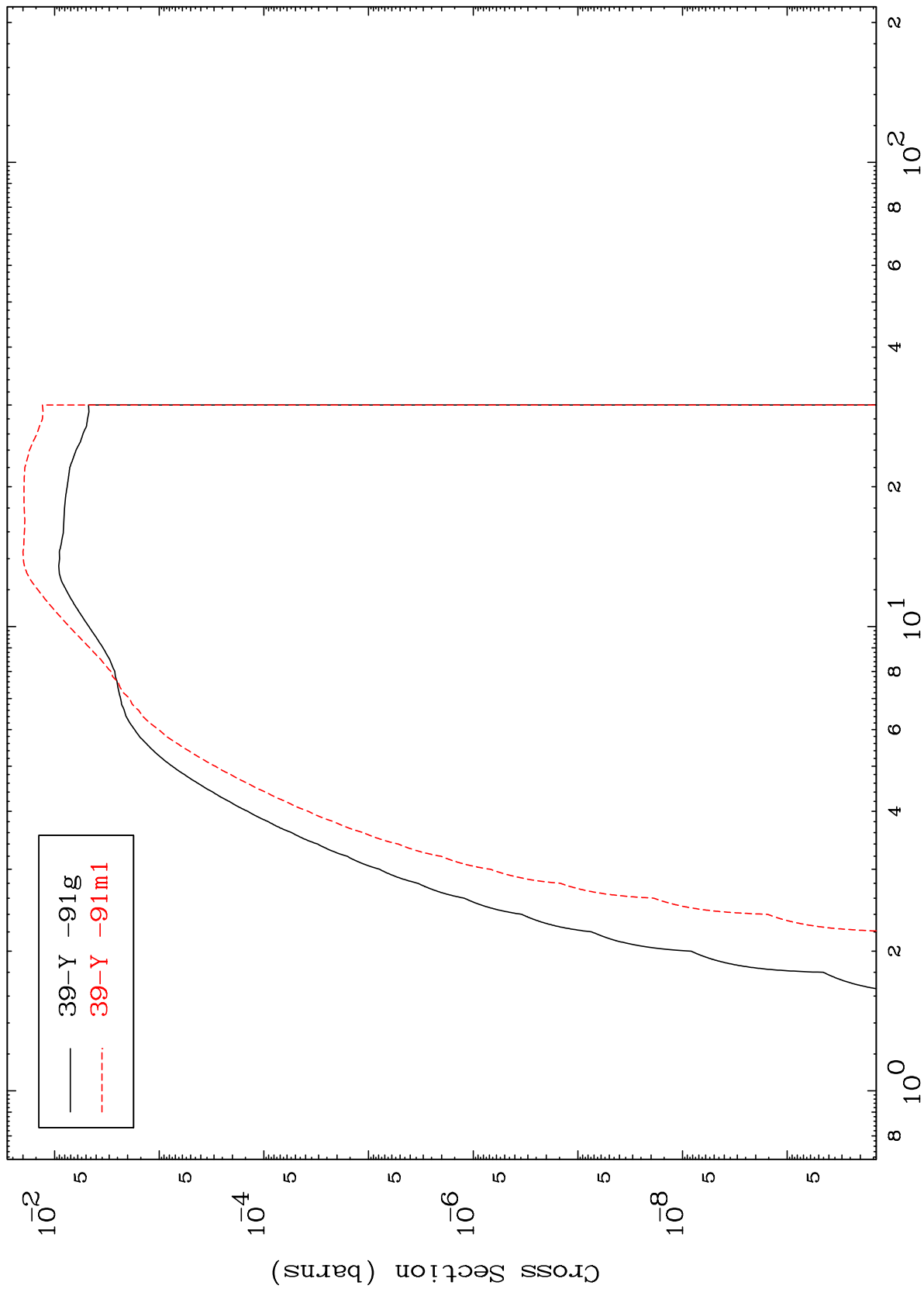
Radionuclide Production Cross Section



MAT 4028

40-Zr-91

Radionuclide Production Cross Section (n,p)



135

Incident Energy (MeV)

40-Zr-91

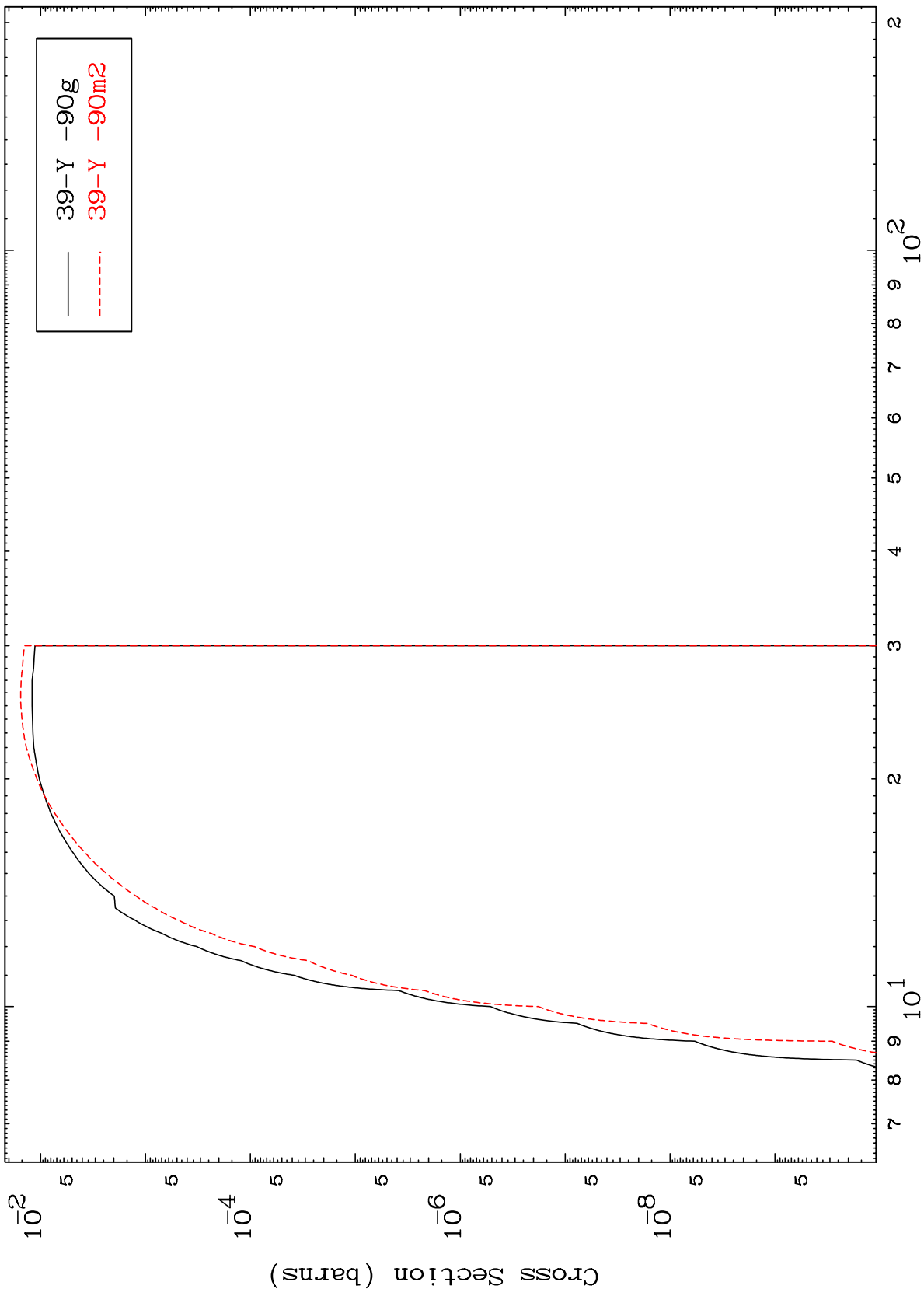


MAT 4028

(n,d)

40-Zr-91

Radionuclide Production Cross Section



136

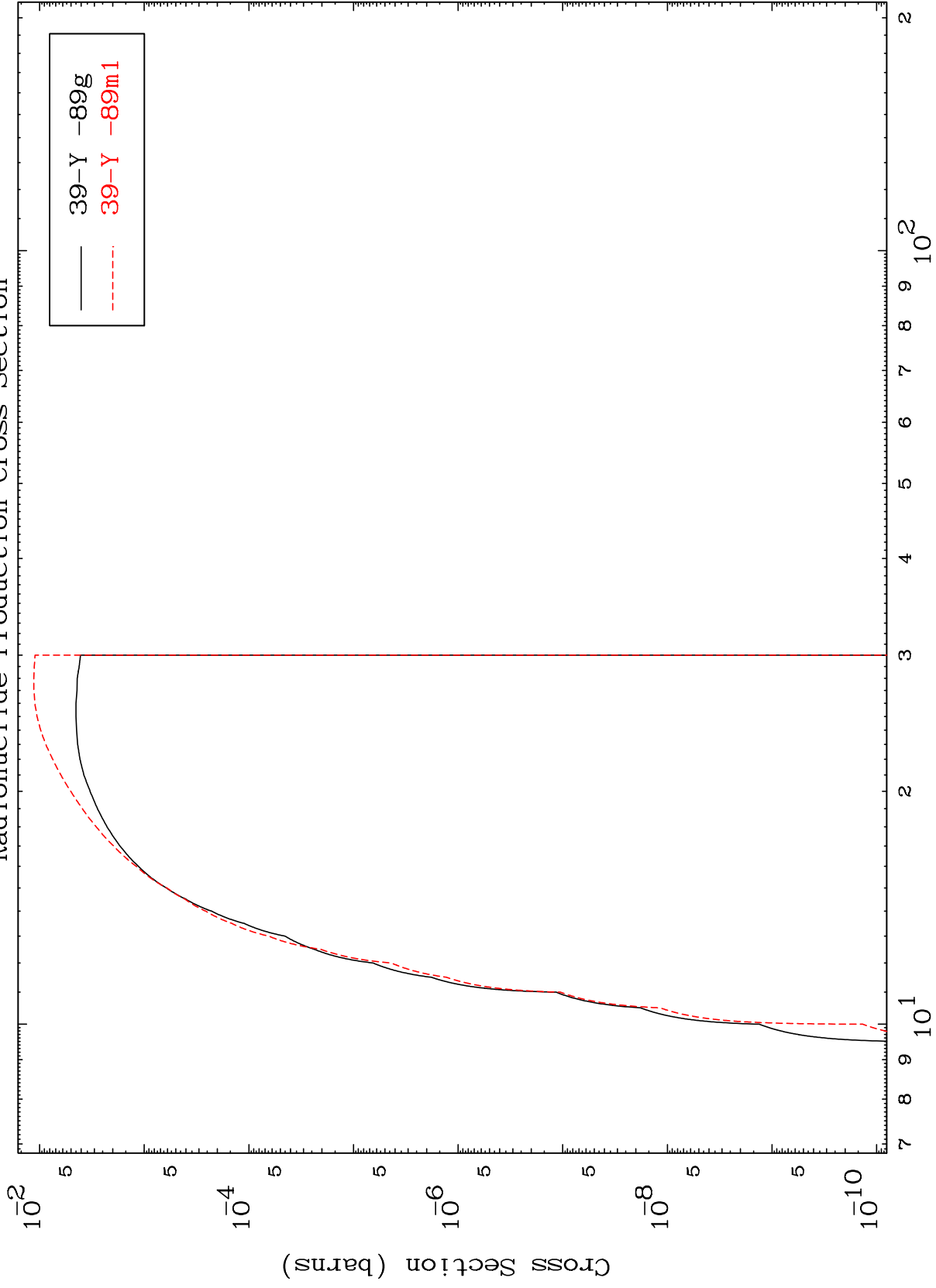
Incident Energy (MeV)

40-Zr-91

MAT 4028

40-Zr-91

(n, t)  
Radionuclide Production Cross Section



40-Zr-91

Incident Energy (MeV)

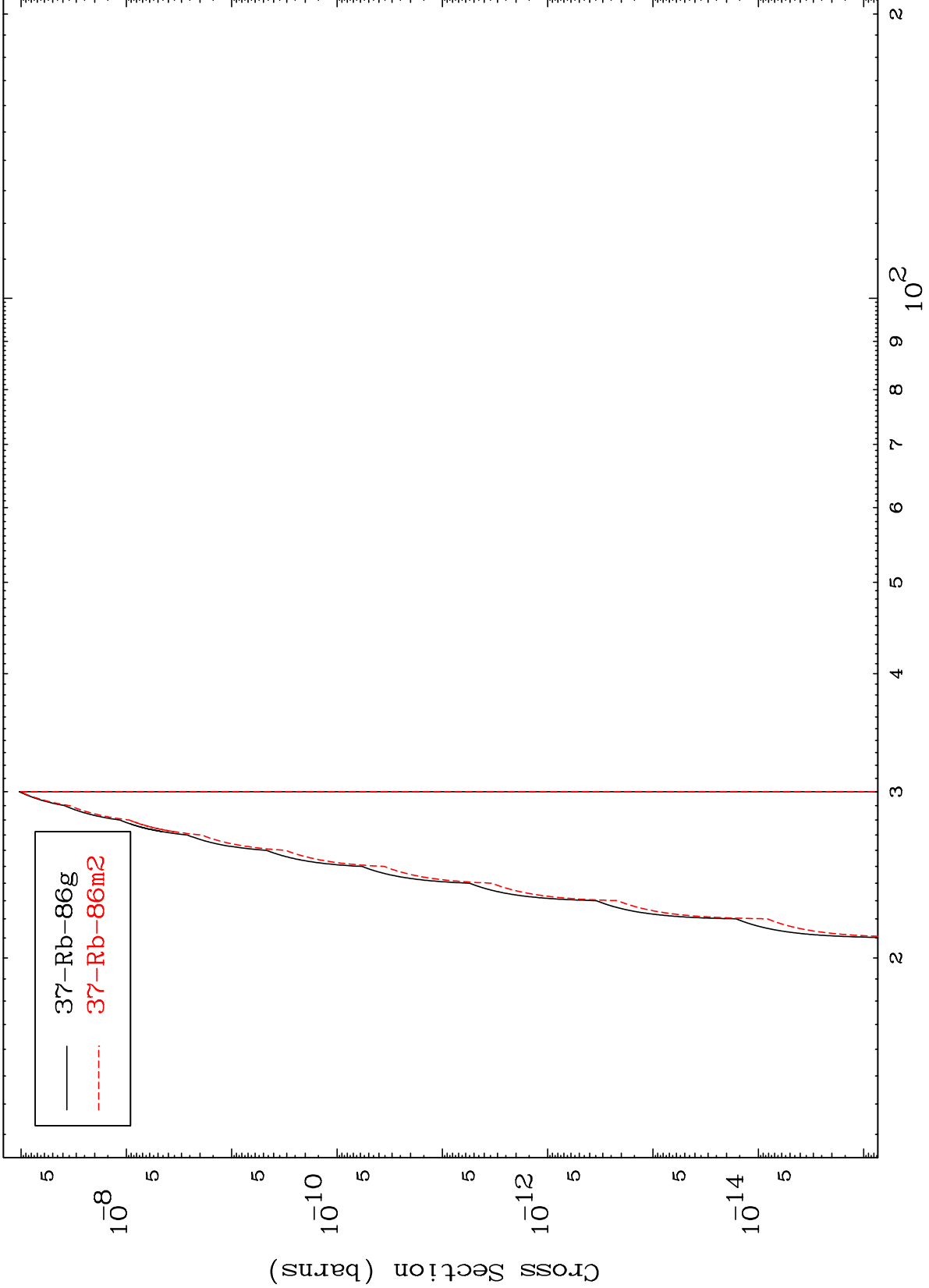
137

MAT 4028

(n,d)  $\alpha$

40-Zr-91

Radionuclide Production Cross Section



— 37-Rb-86g  
- - - 37-Rb-86m2

138

Incident Energy (MeV)

40-Zr-91