

Program EVALPLOT
(Version 2021-1)

by

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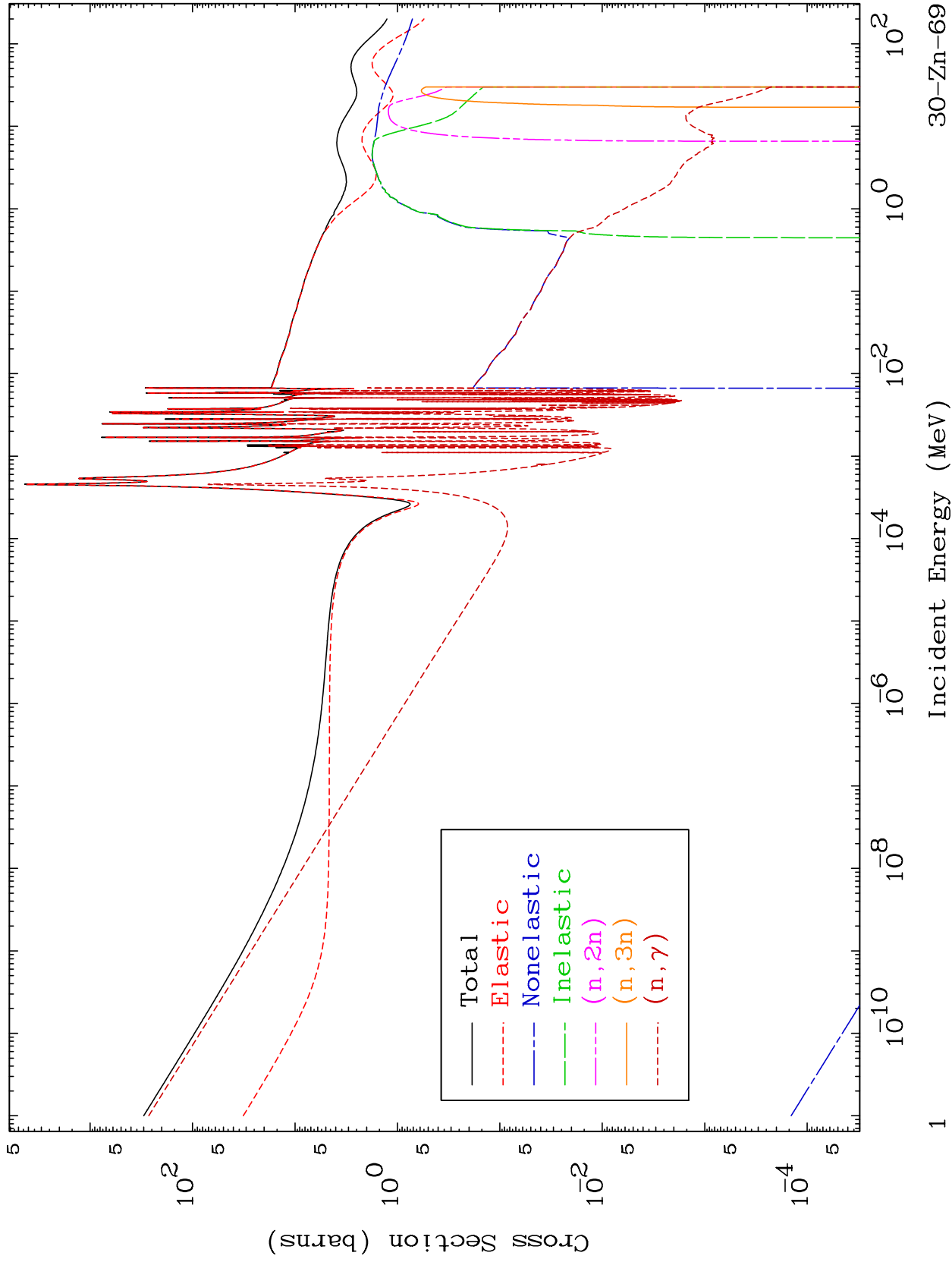
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3040

Neutron Major
293 Kelvin Cross Sections

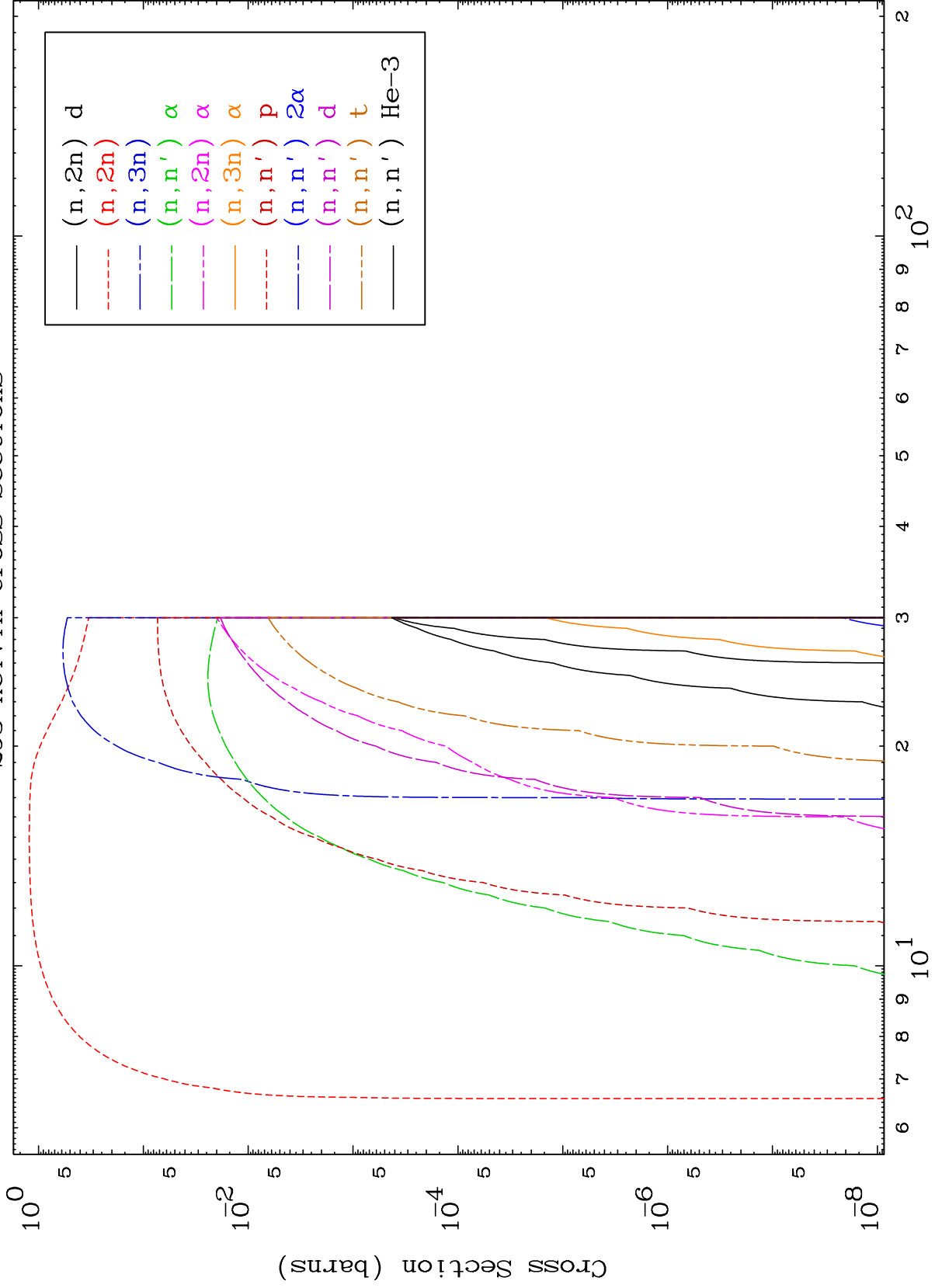
30-Zn-69



MAT 3040

Neutron Absorption
293 Kelvin Cross Sections

30-Zn-69



2

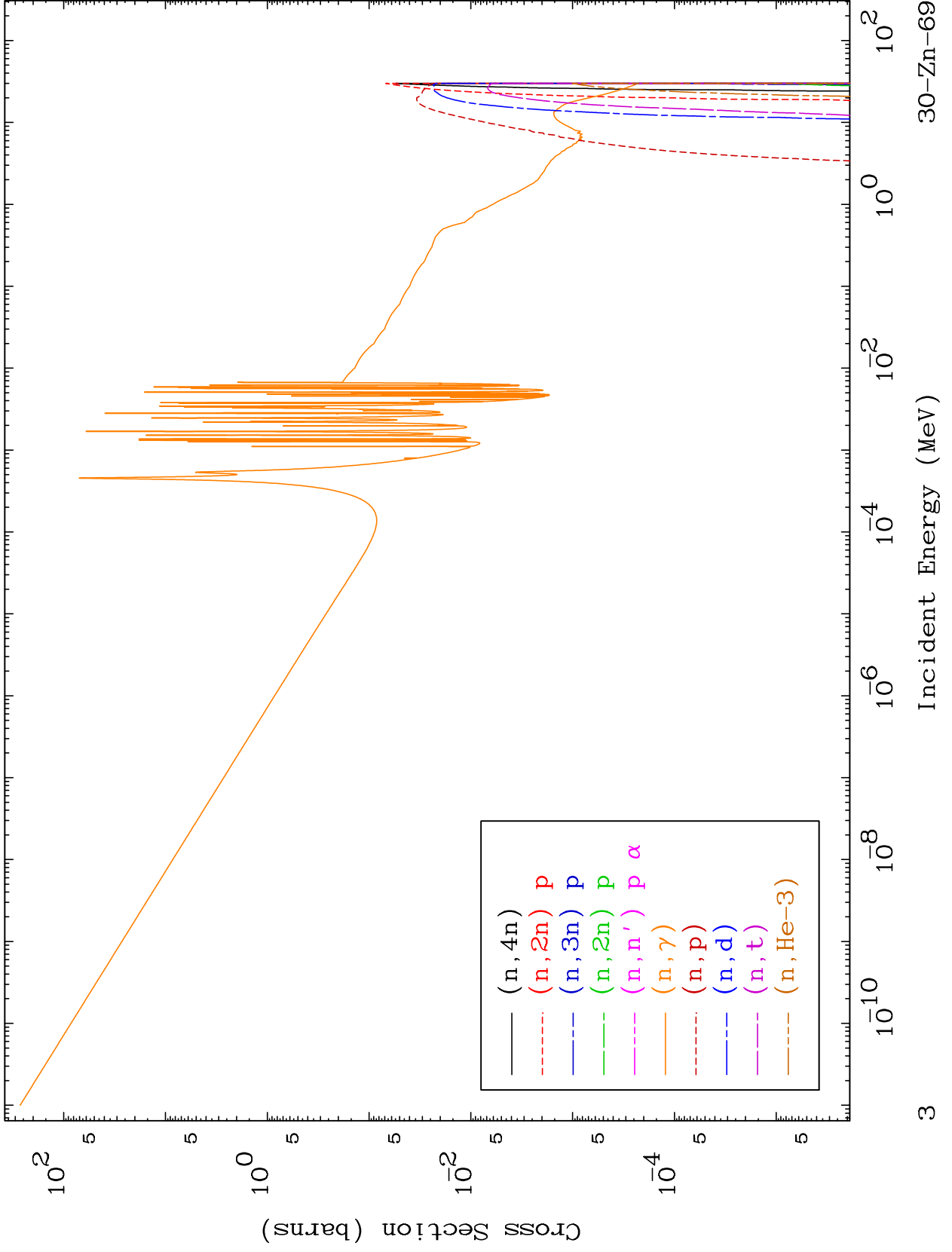
Incident Energy (MeV)

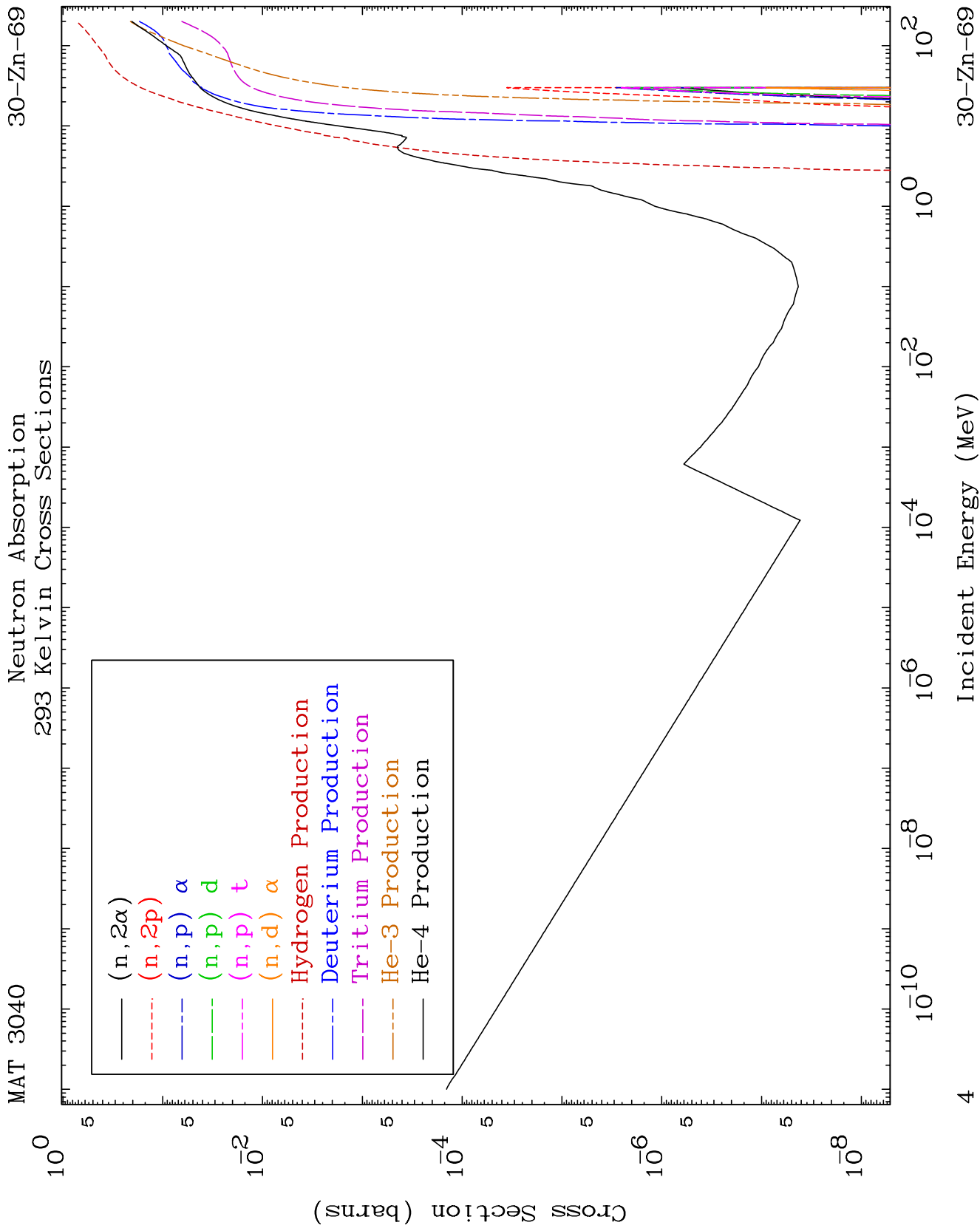
30-Zn-69

MAT 3040

Neutron Absorption
293 Kelvin Cross Sections

30-Zn-69

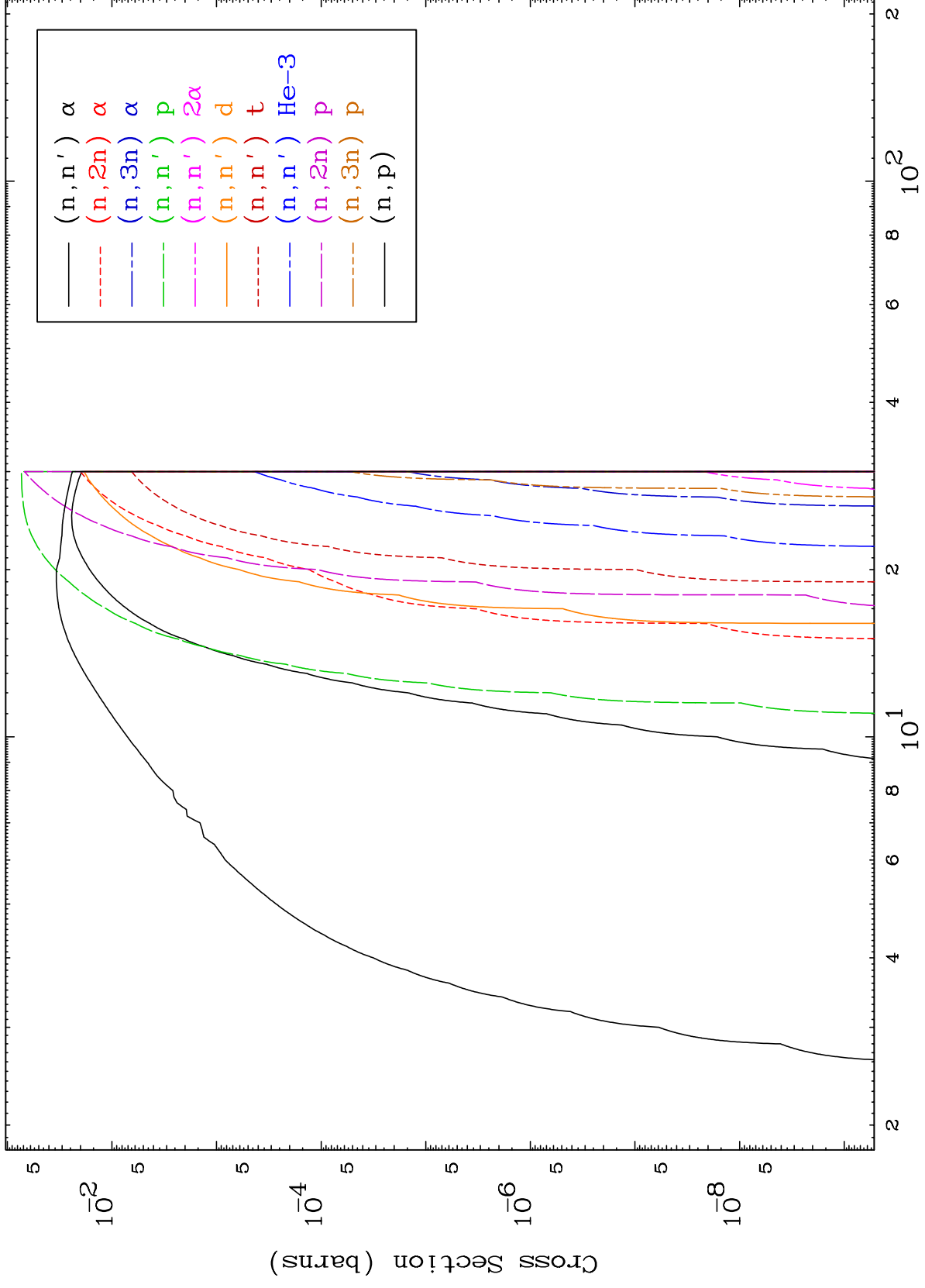




MAT 3040

Charged Particle
293 Kelvin Cross Sections

30-Zn-69



5

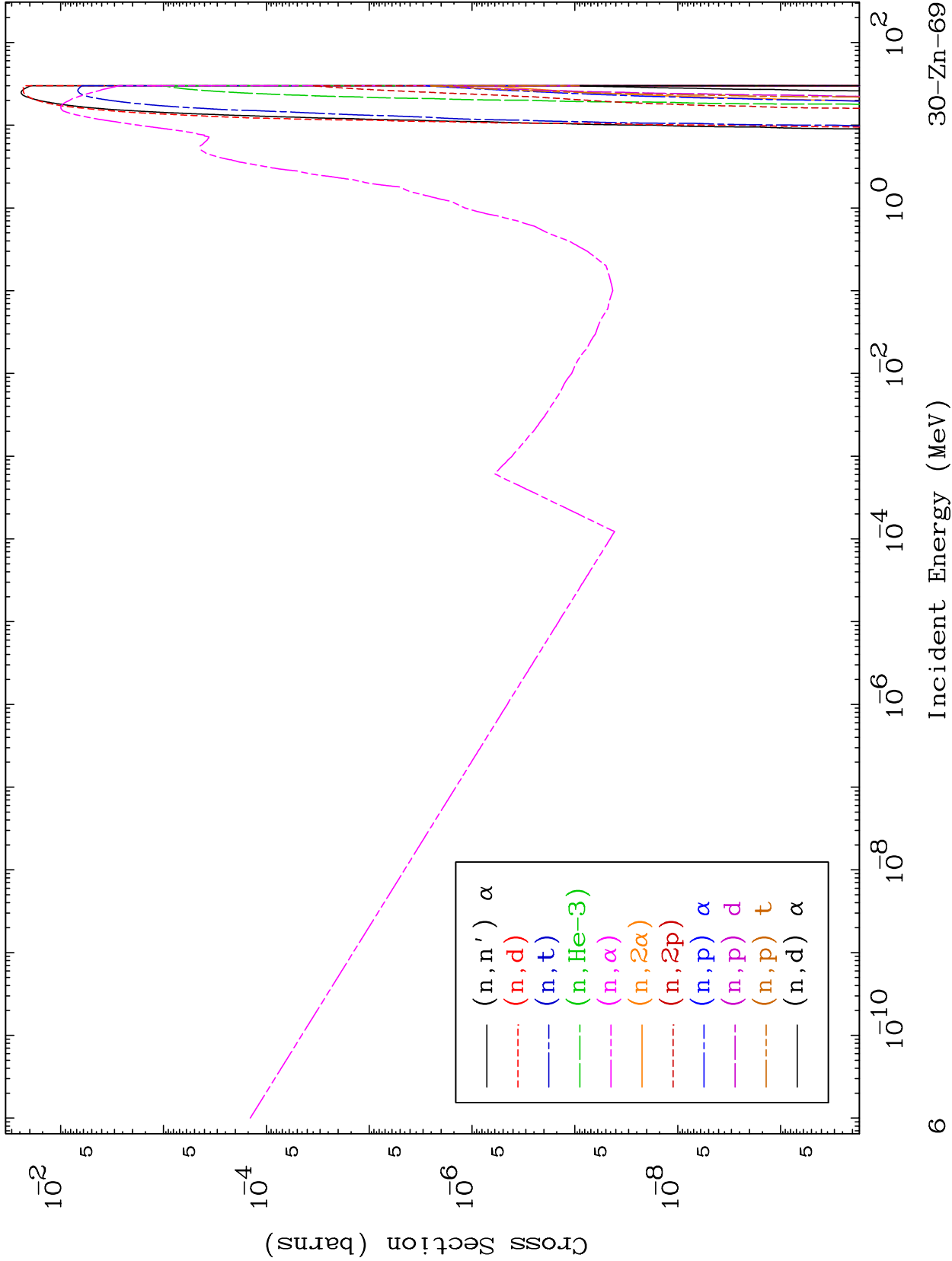
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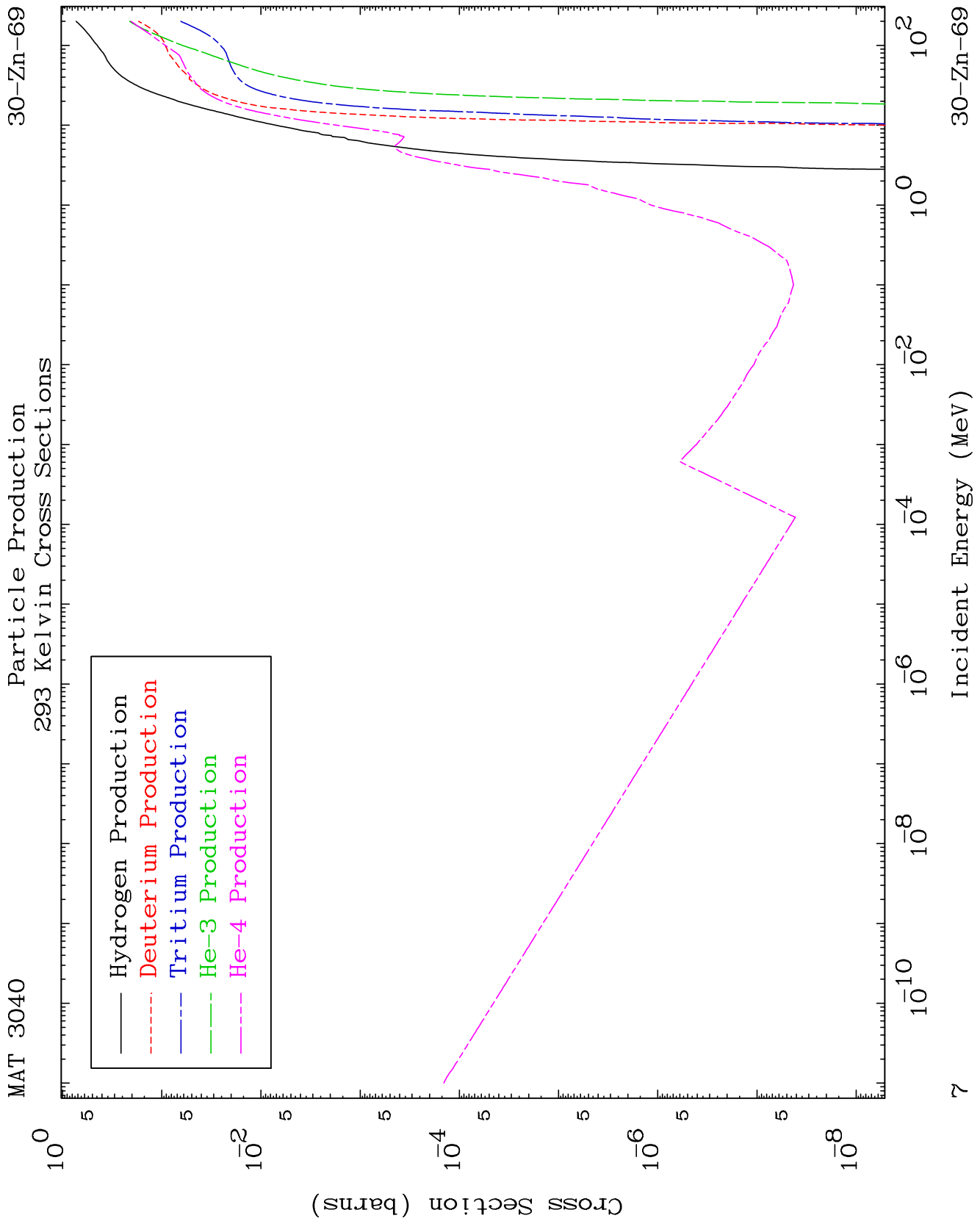
30-Zn-69

MAT 3040

Charged Particle
293 Kelvin Cross Sections

30-Zn-69



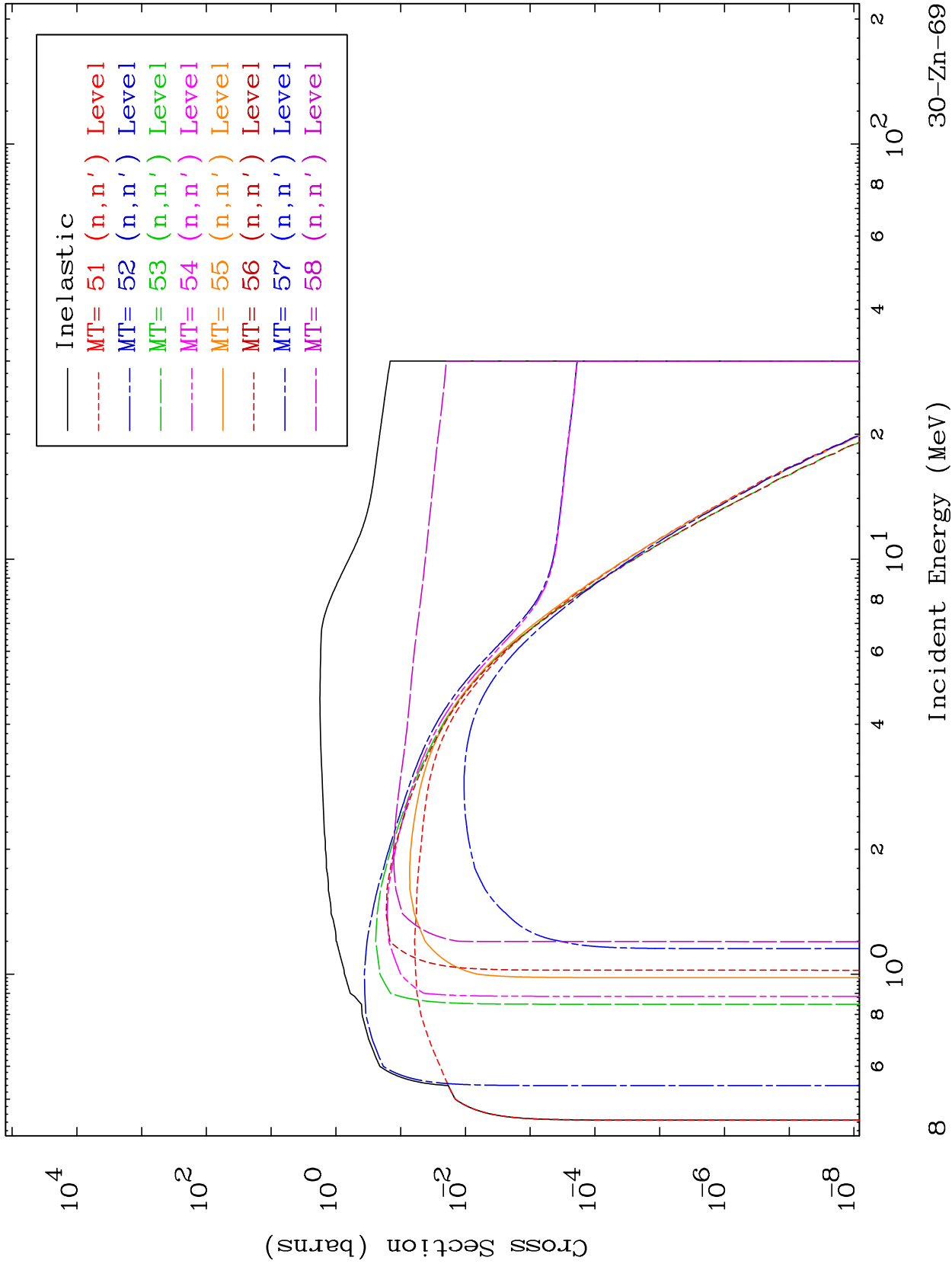


MAT 3040

(n,n') Levels

30-Zn-69

293 Kelvin Cross Sections



8

Incident Energy (MeV)

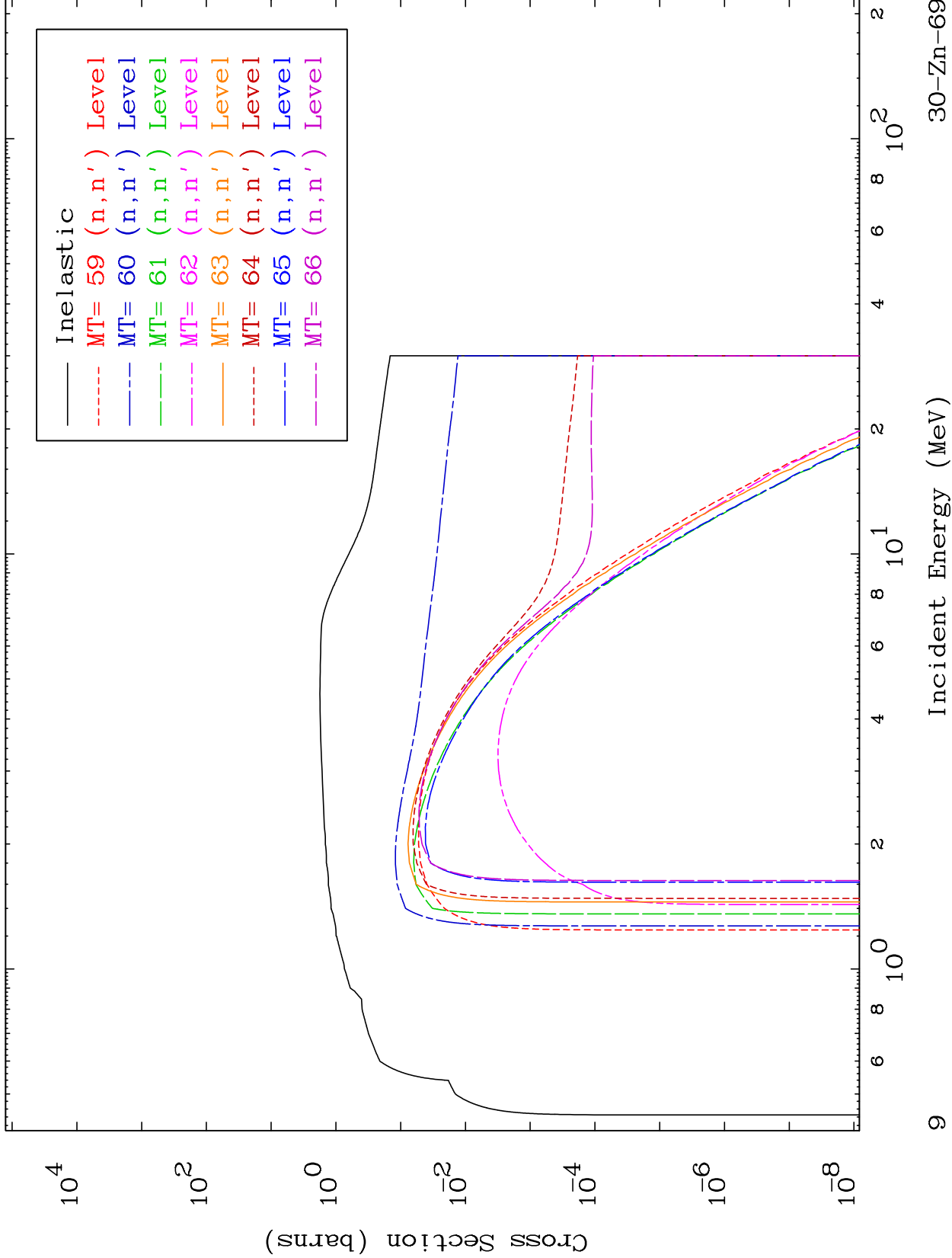
30-Zn-69

MAT 3040

(n,n') Levels

30-Zn-69

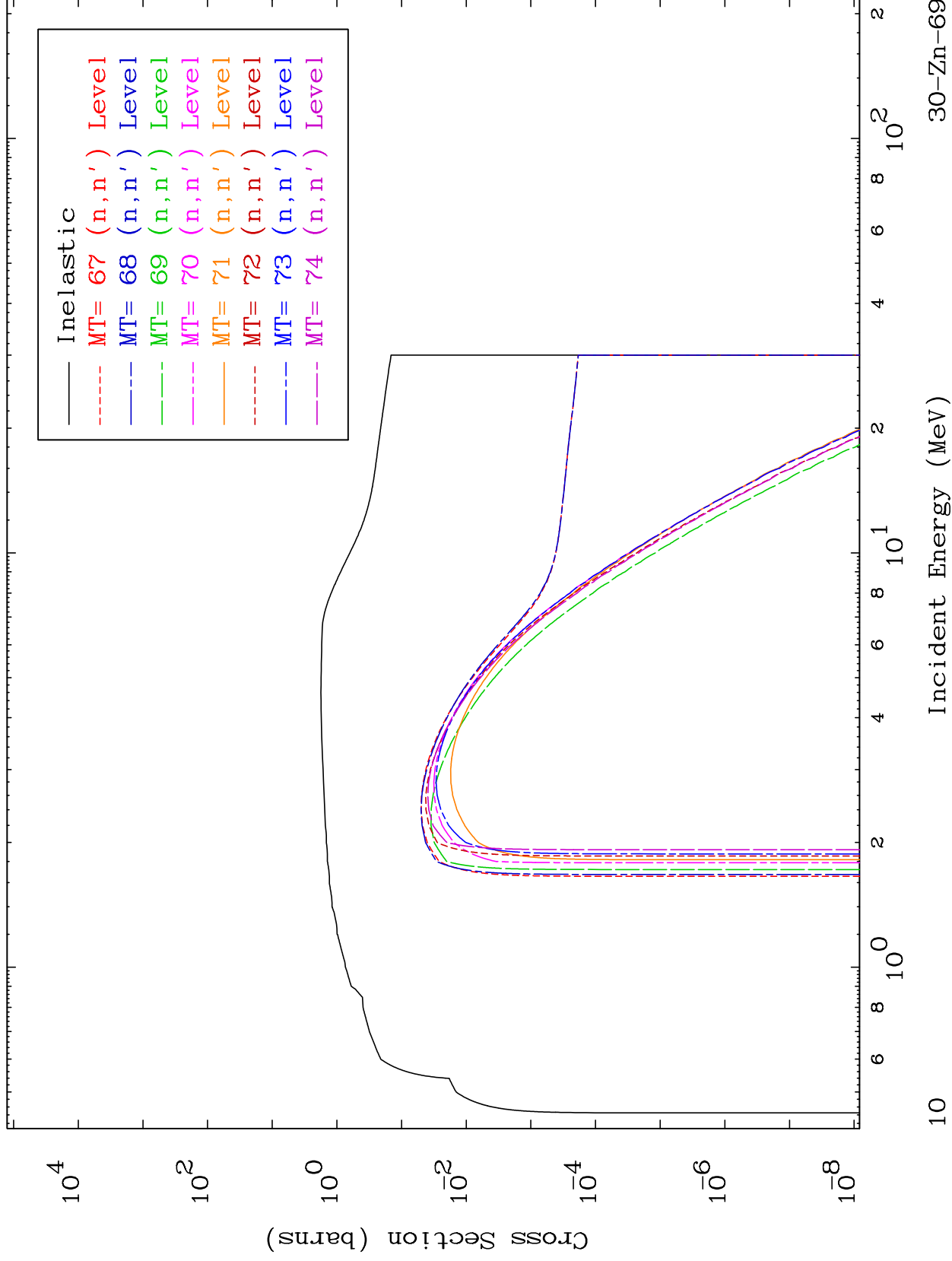
293 Kelvin Cross Sections

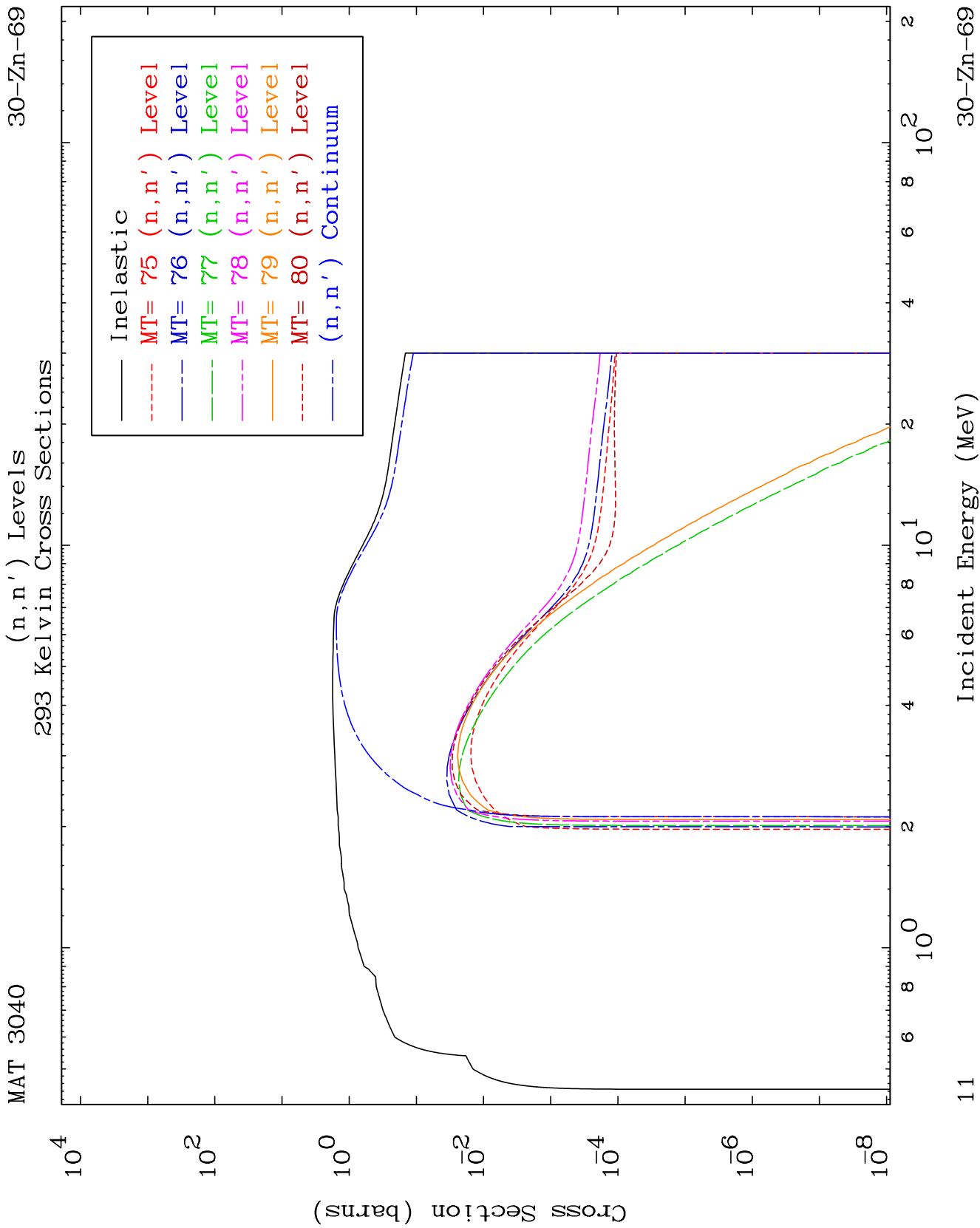


MAT 3040

(n,n') Levels
293 Kelvin Cross Sections

30-Zn-69

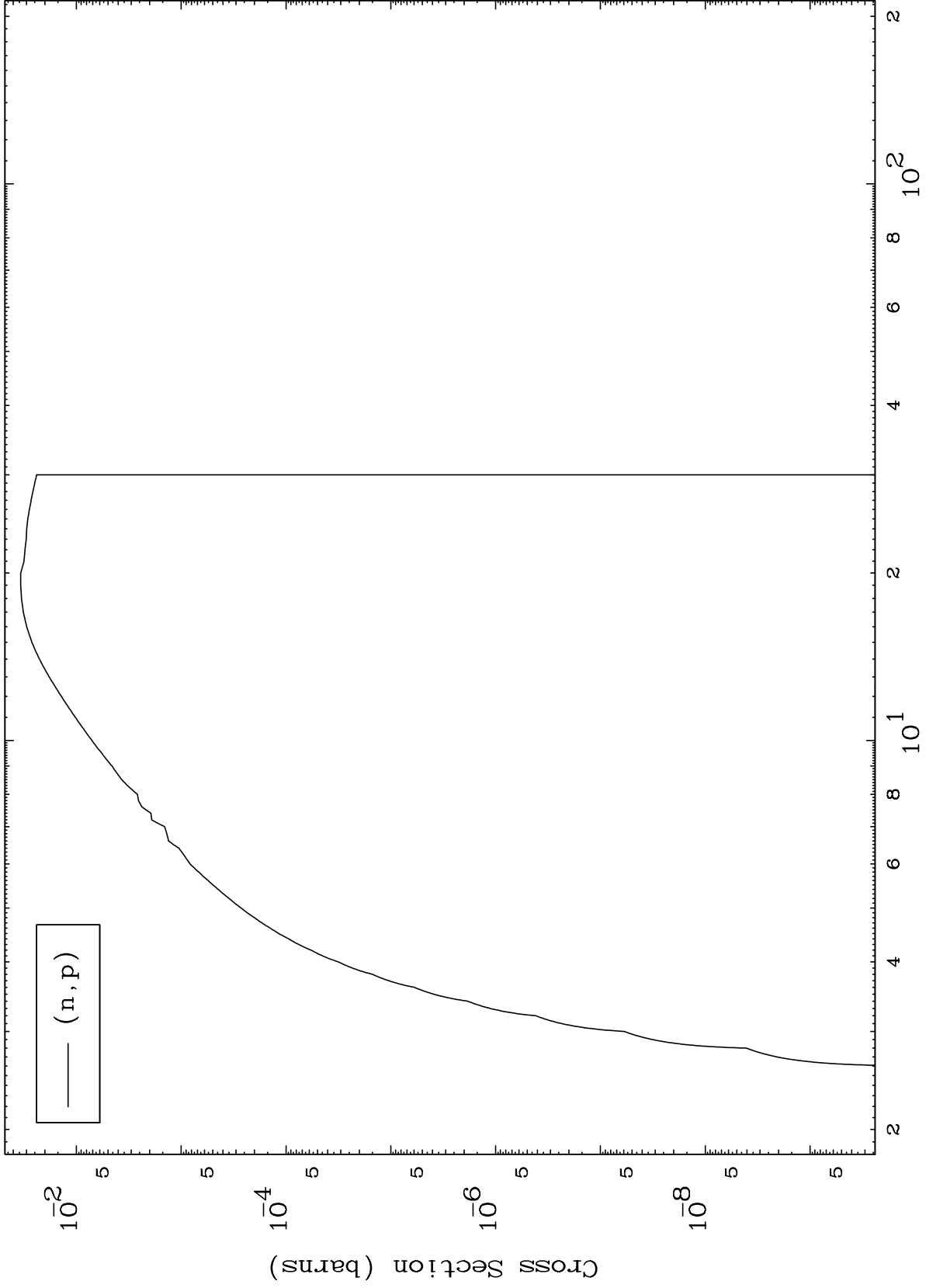




MAT 3040

(n,p) Levels
293 Kelvin Cross Sections

30-Zn-69



12

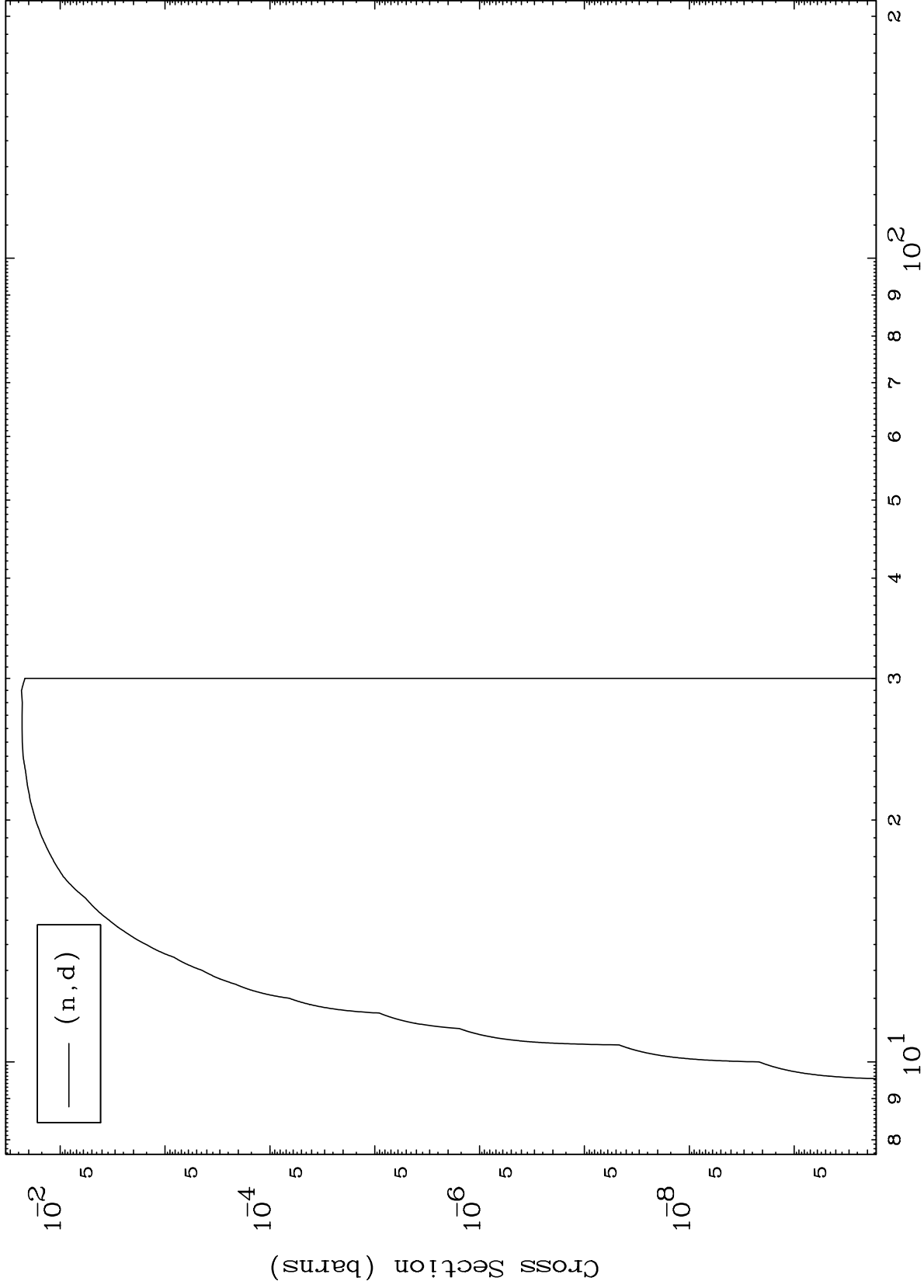
Incident Energy (MeV)

30-Zn-69

MAT 3040

(n,d) Levels
293 Kelvin Cross Sections

30-Zn-69



13

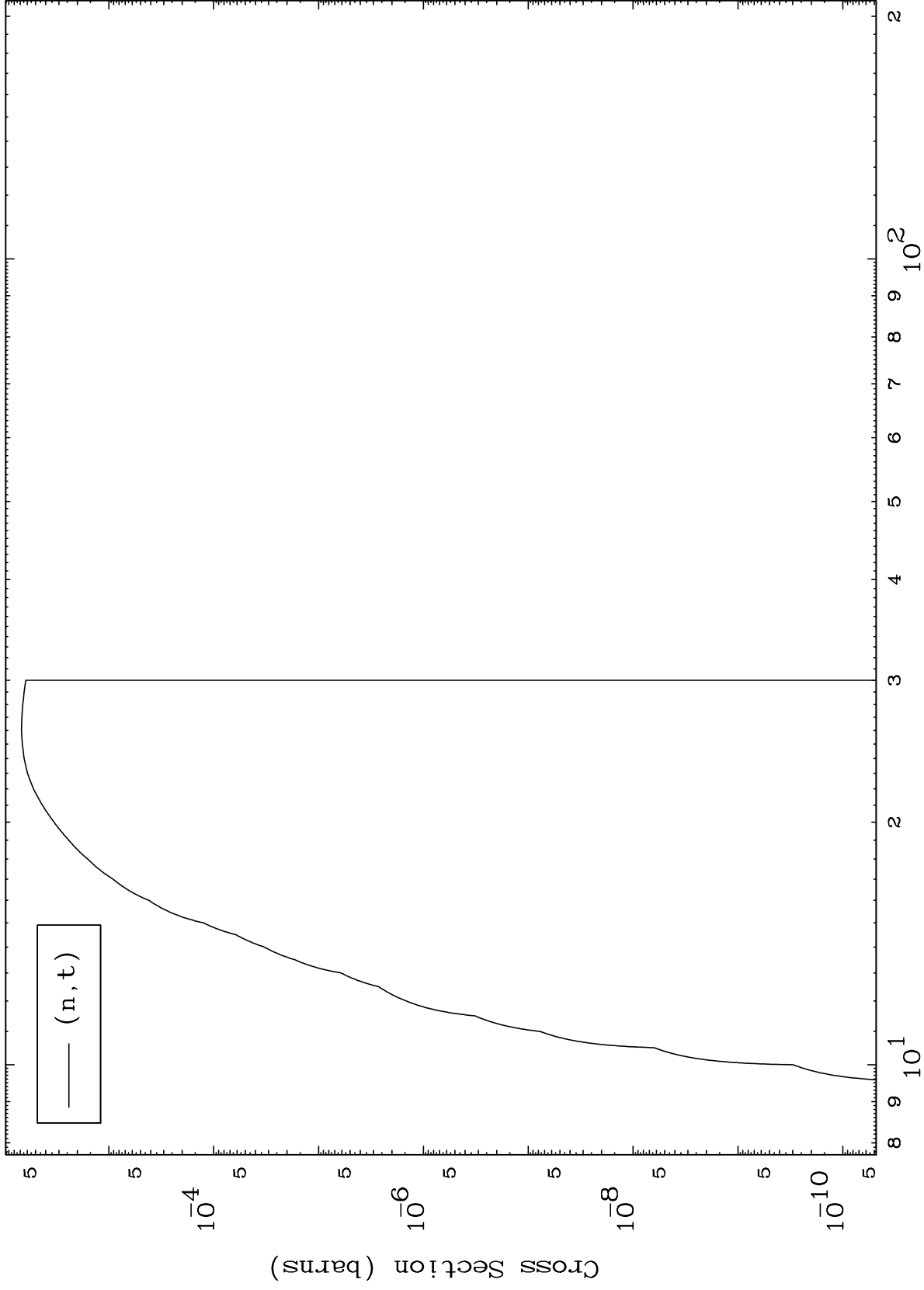
Incident Energy (MeV)

30-Zn-69

MAT 3040

(n,t) Levels
293 Kelvin Cross Sections

30-Zn-69



14

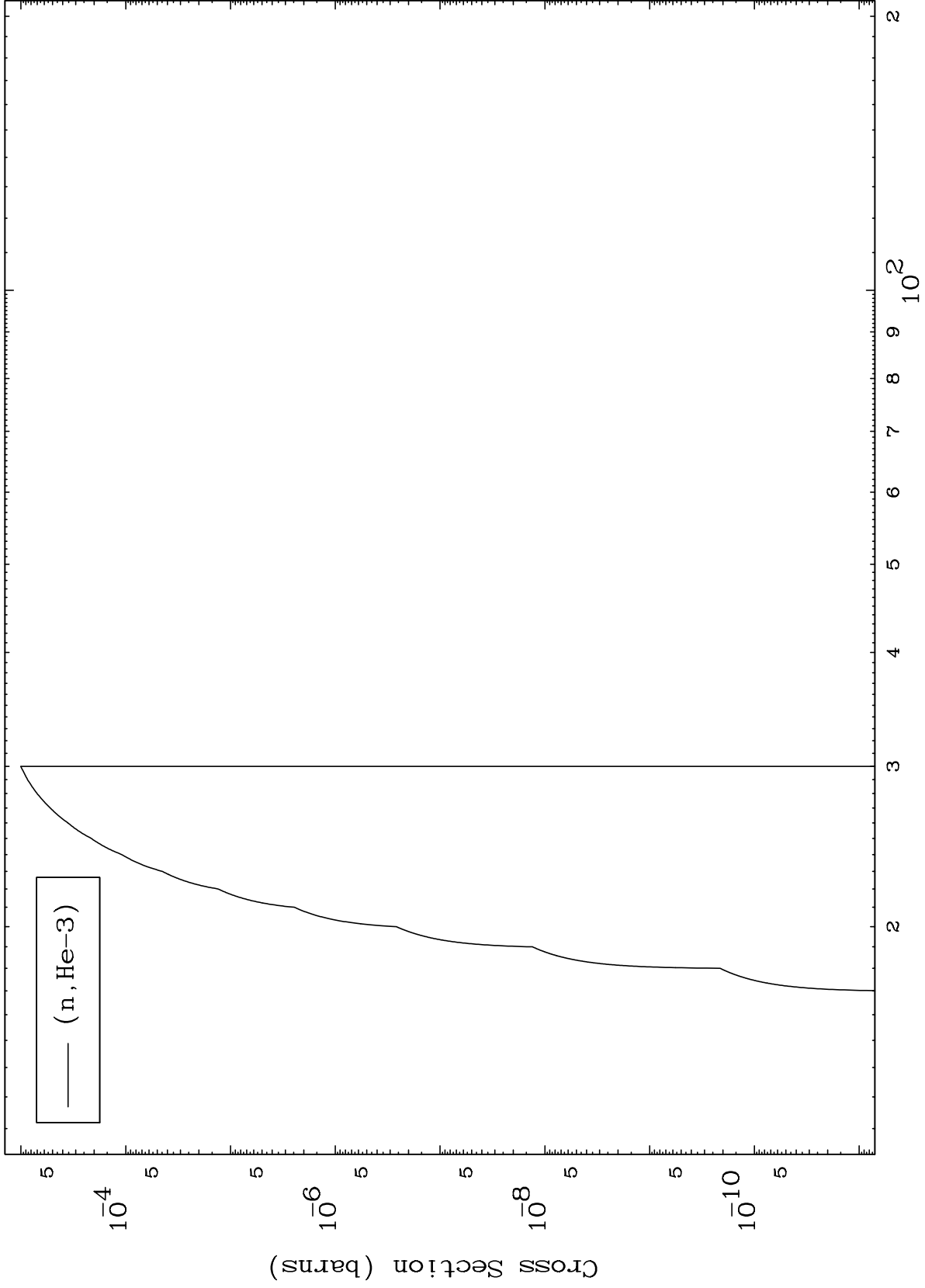
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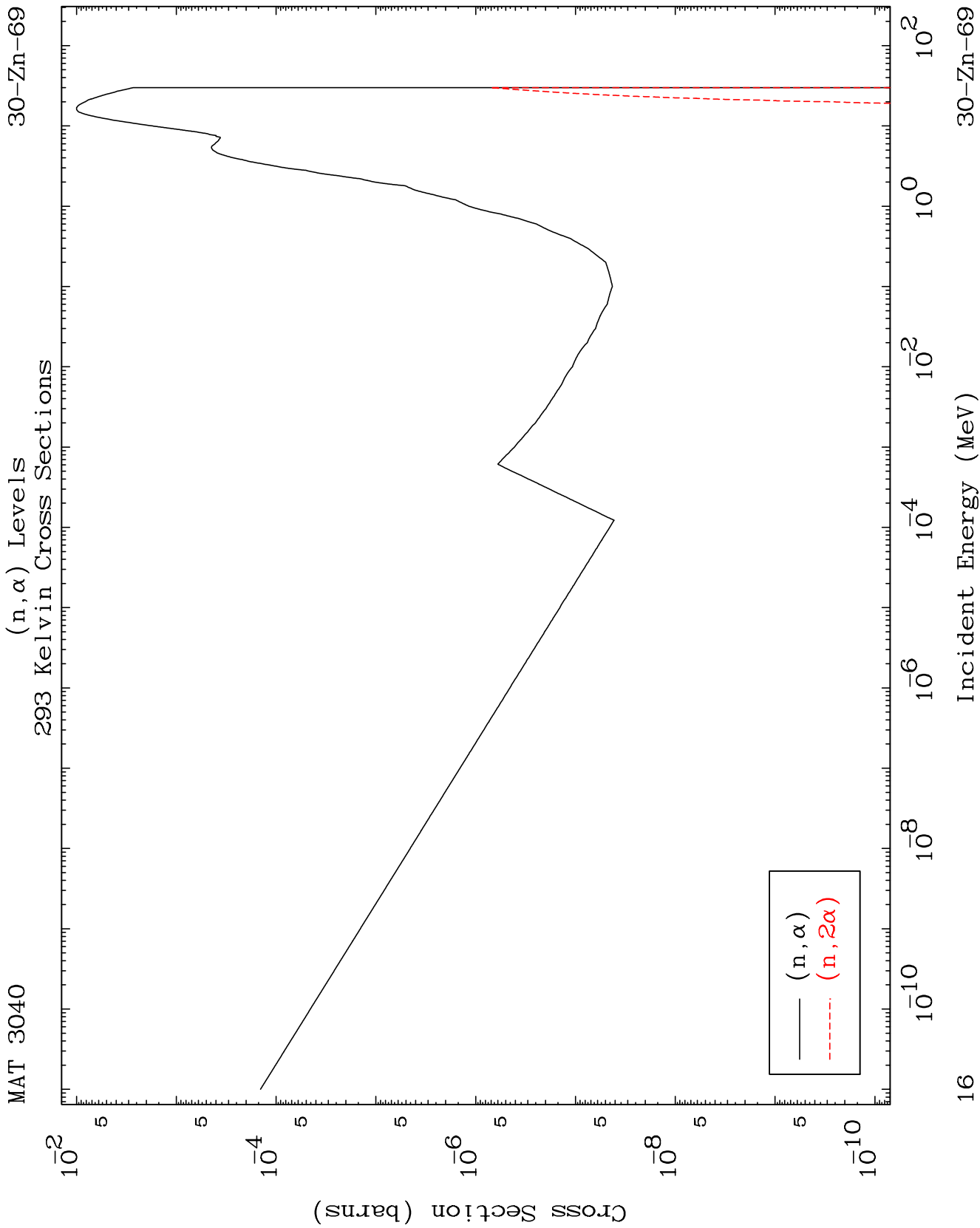
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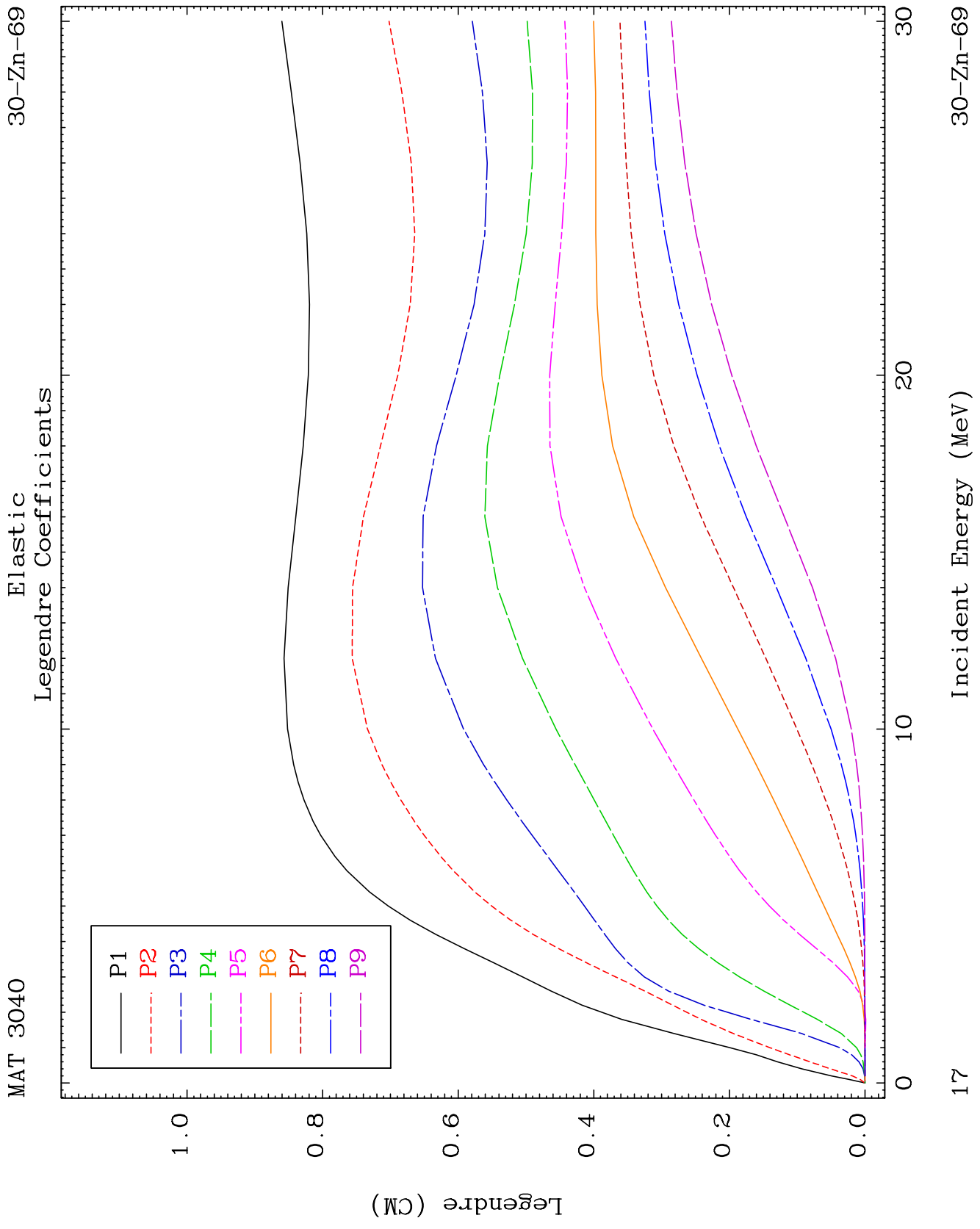
MAT 3040

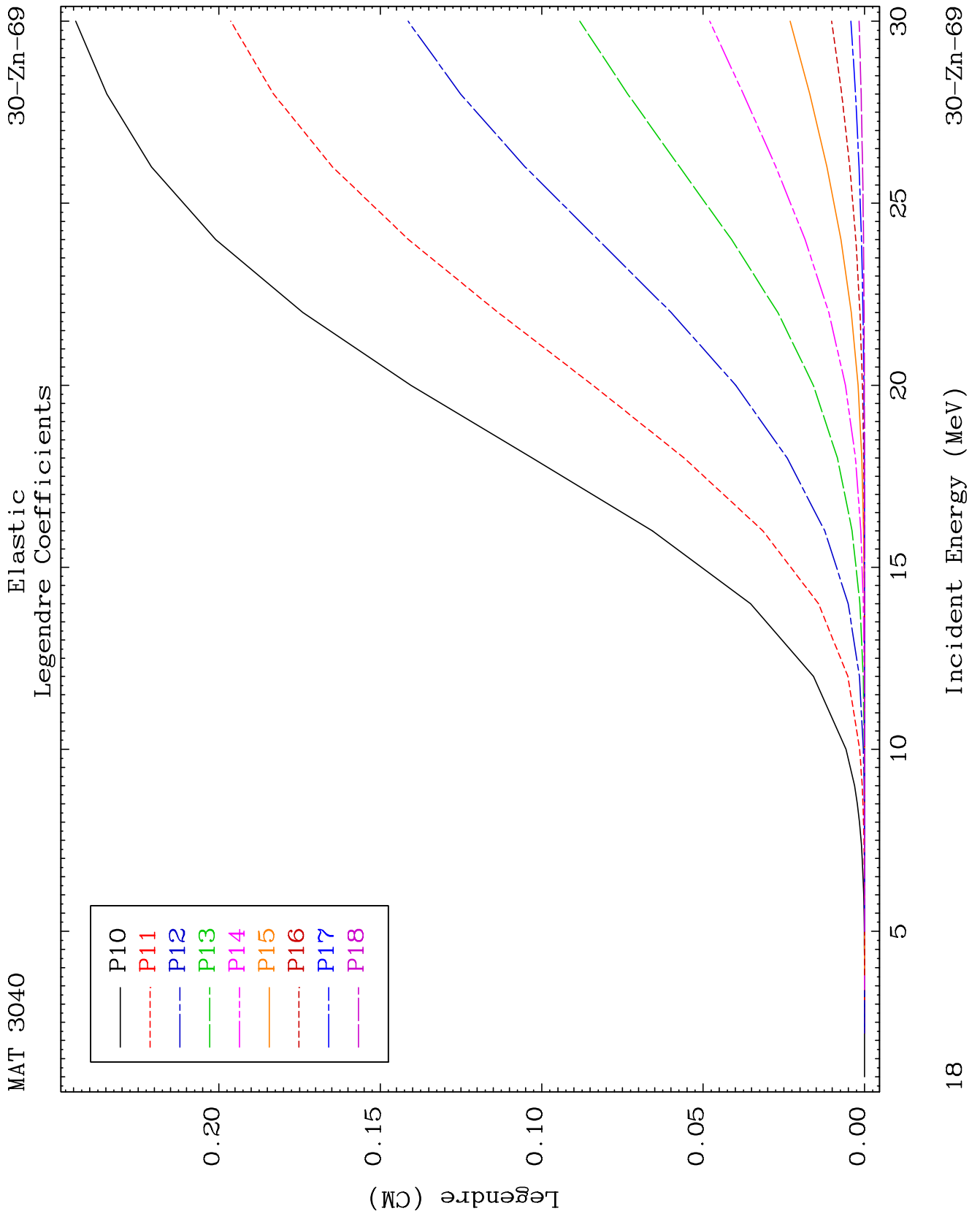
(n,He3) Levels
293 Kelvin Cross Sections

30-Zn-69





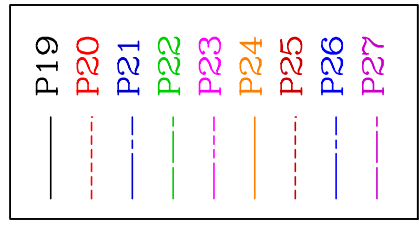




MAT 3040

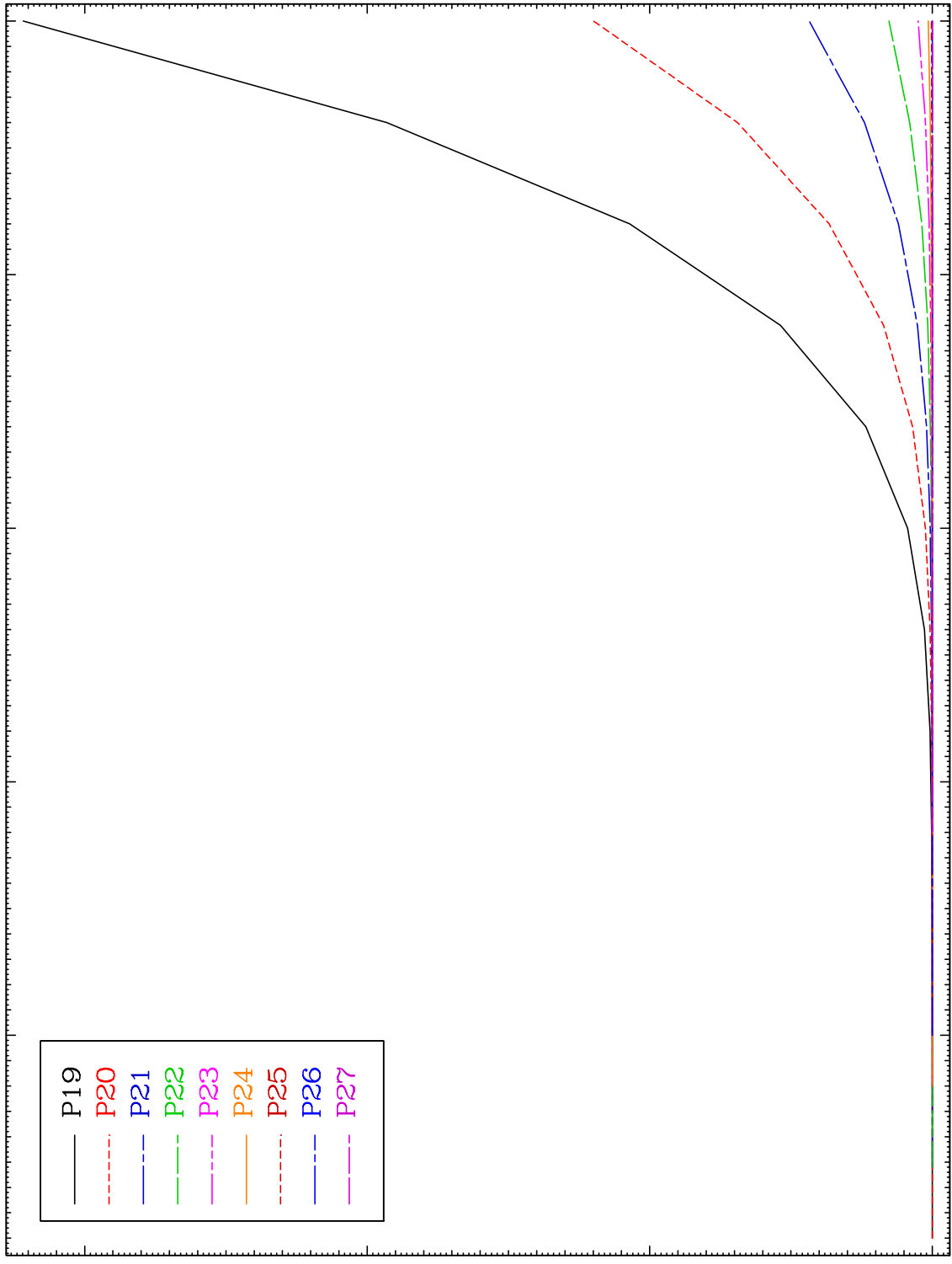
Elastic
Legendre Coefficients

30-Zn-69



$\times 10^{-4}$

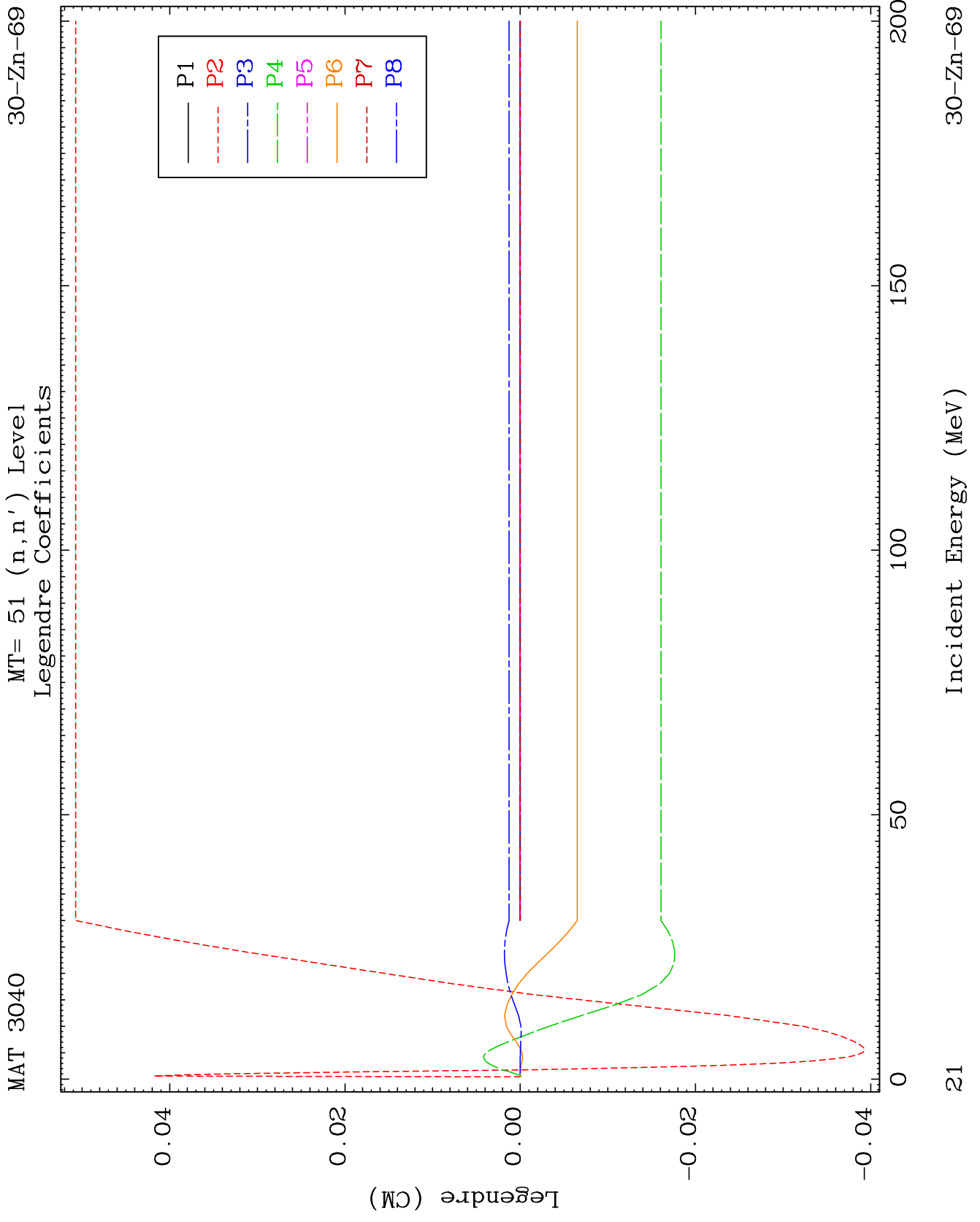
Legendre (CM)

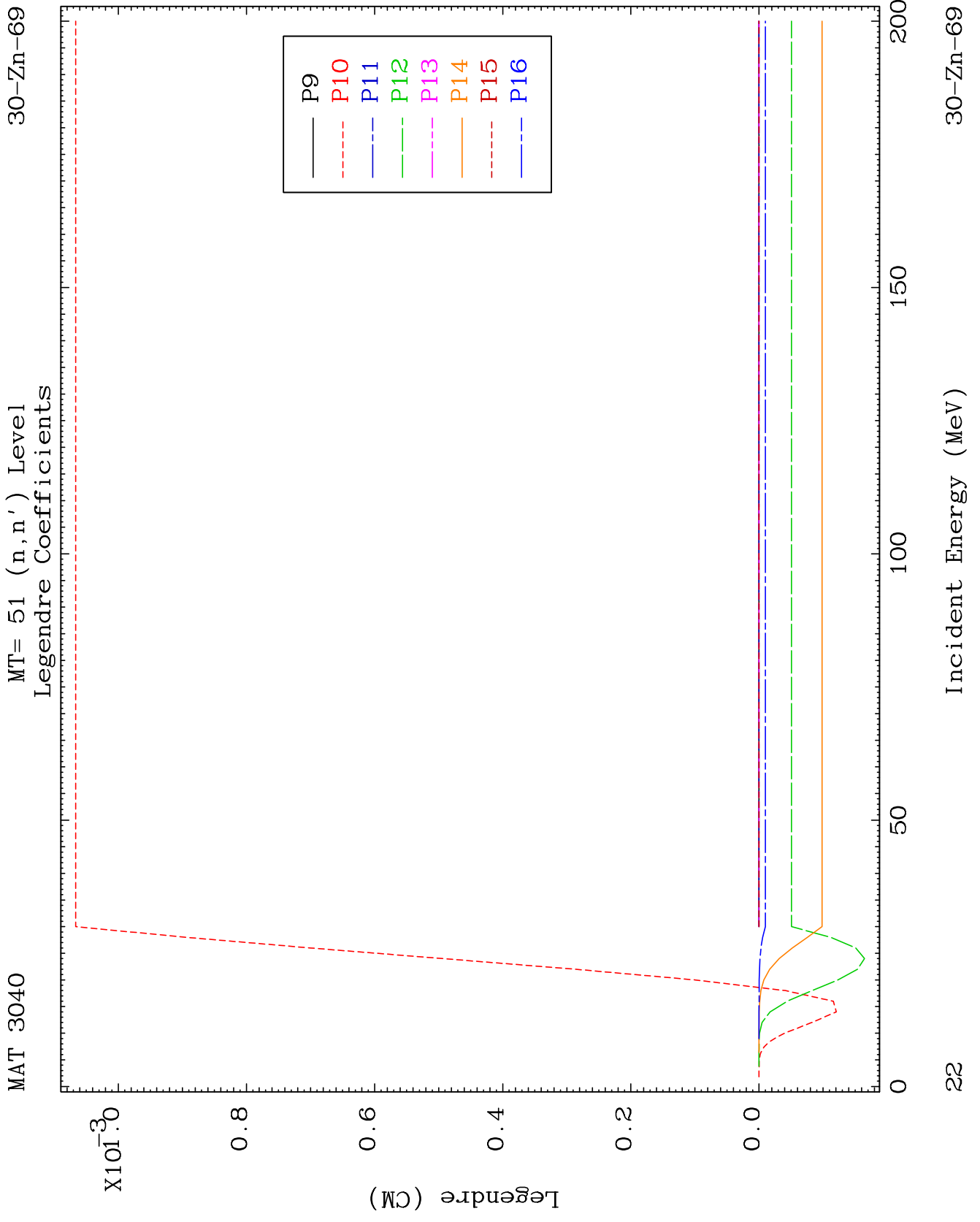


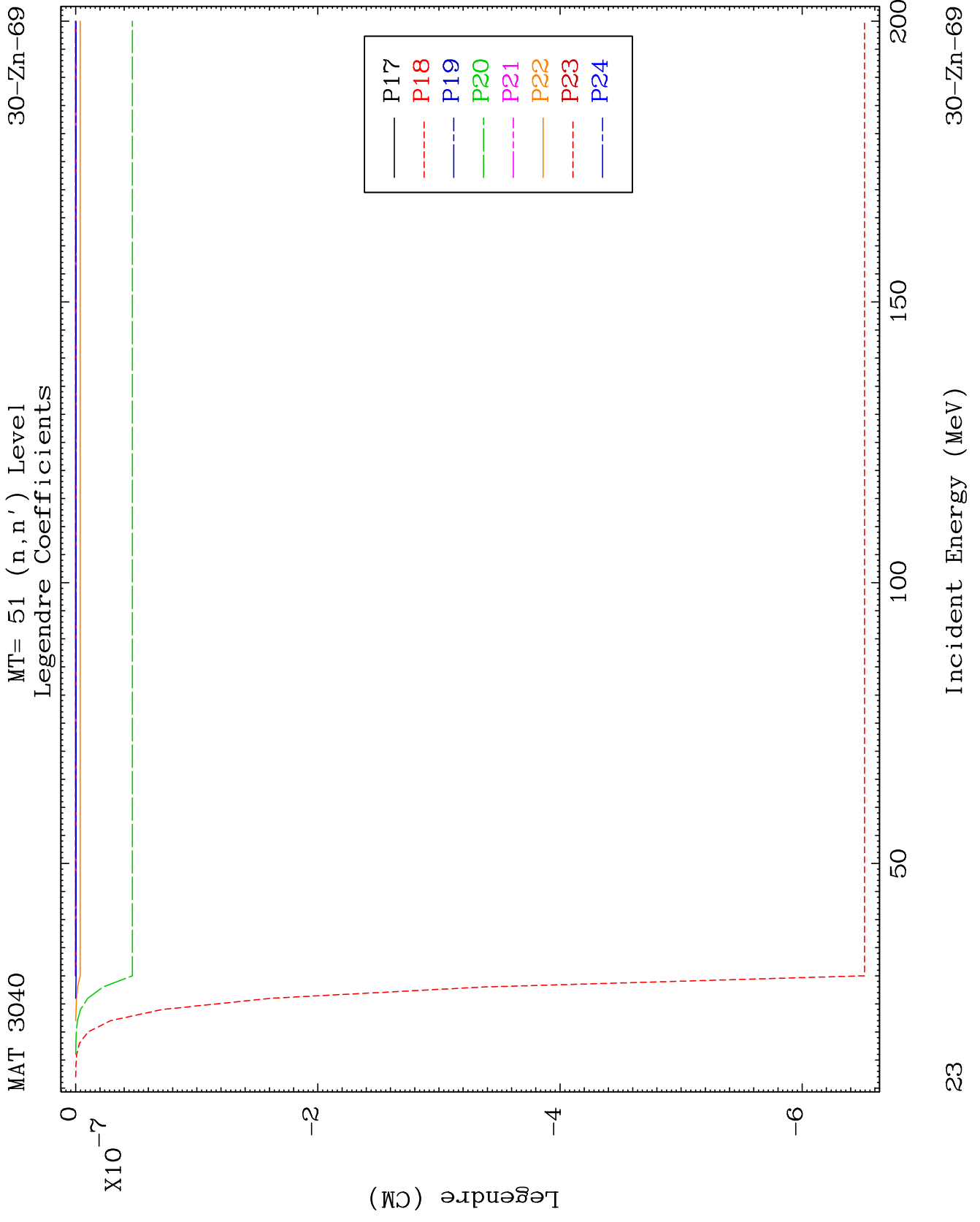
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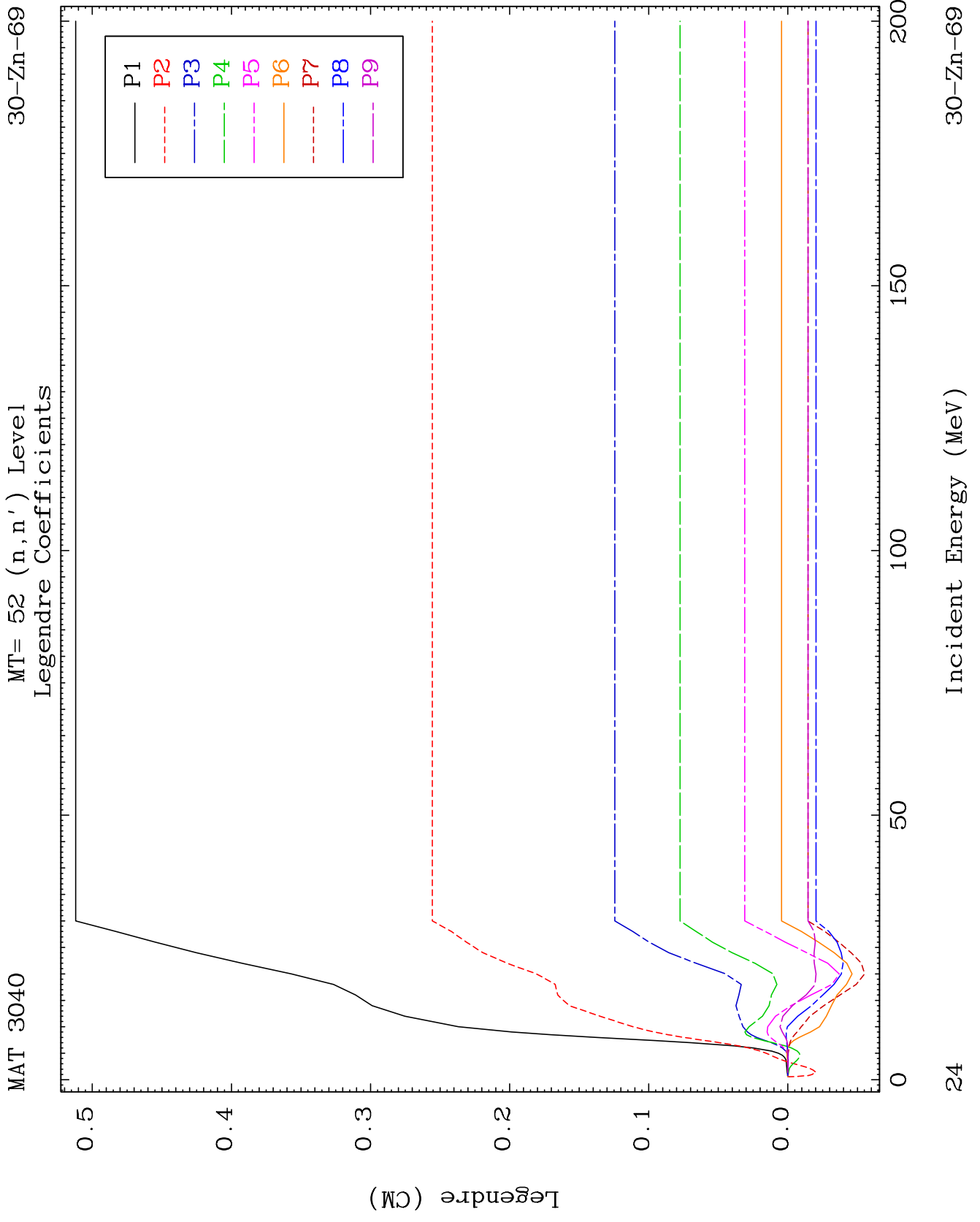
Incident Energy (MeV)

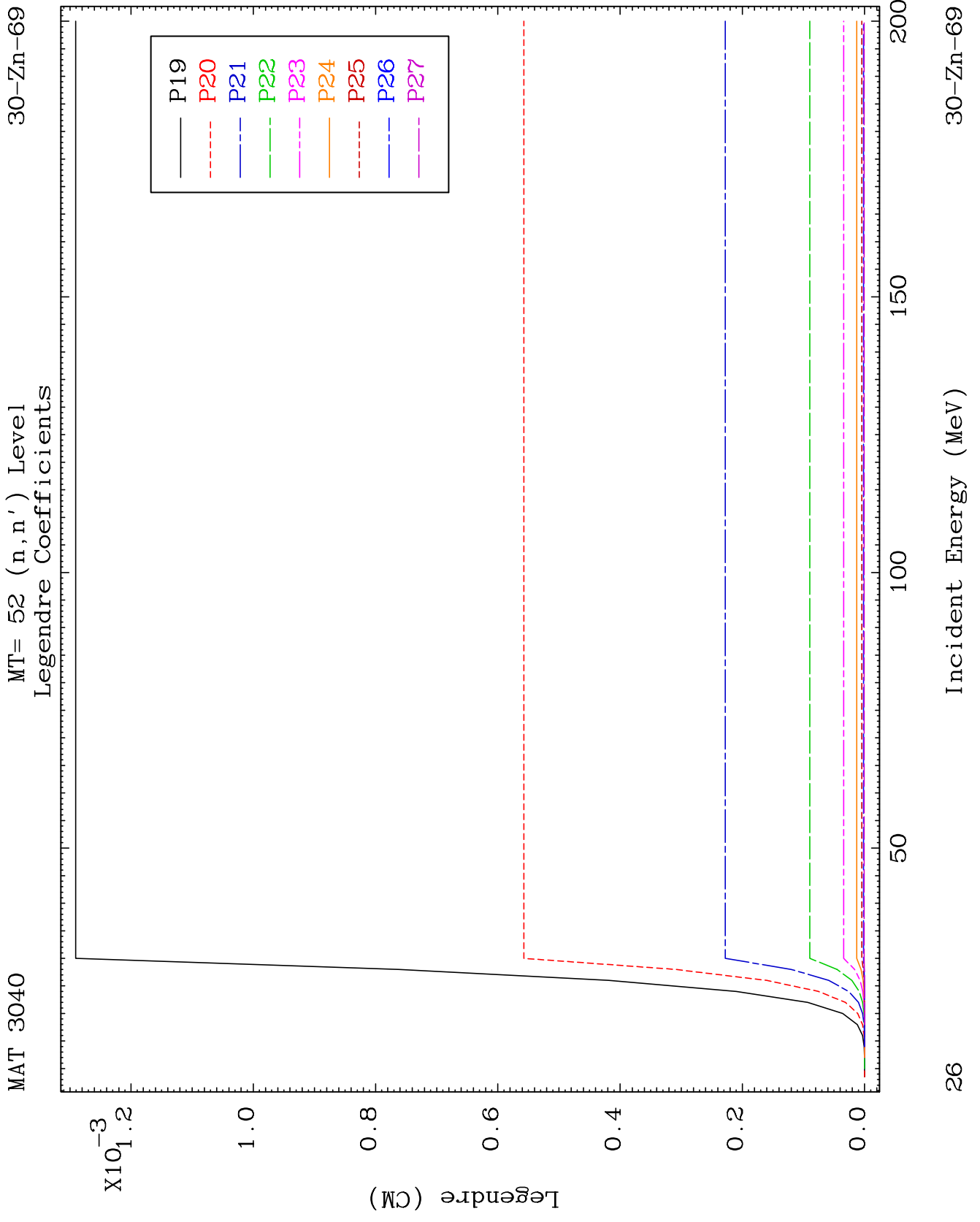
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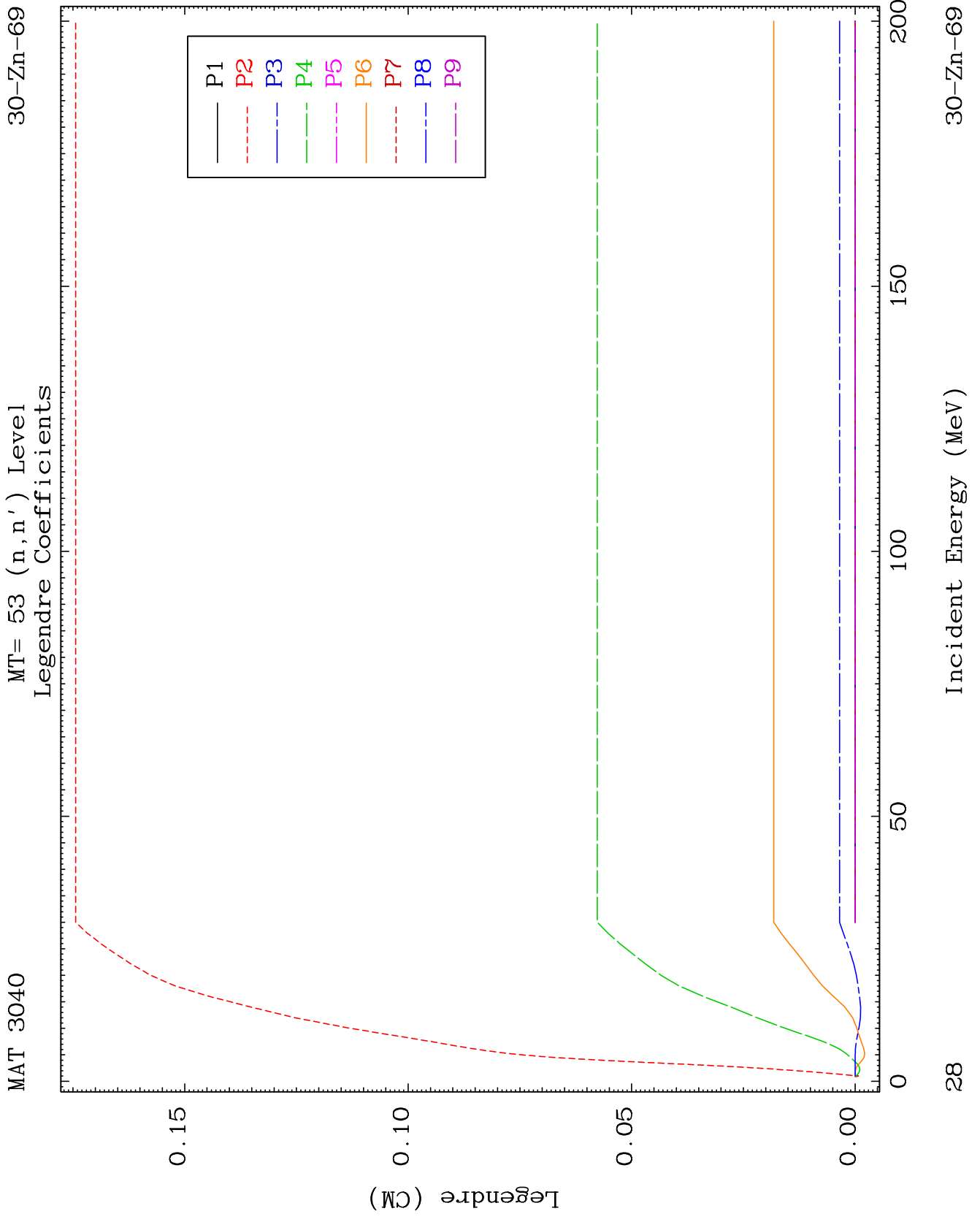








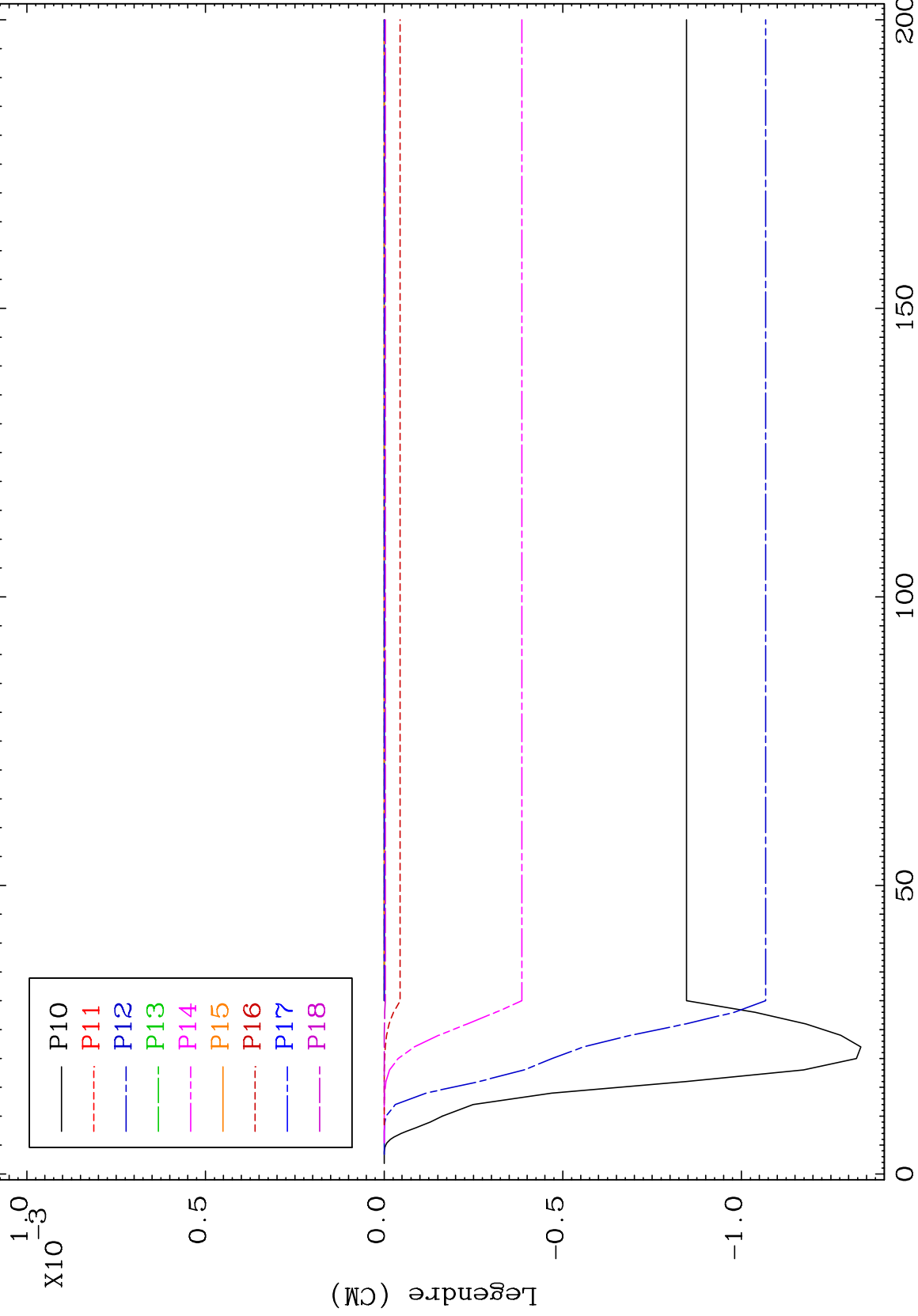




MAT 3040

MT= 53 (n,n') Level
Legendre Coefficients

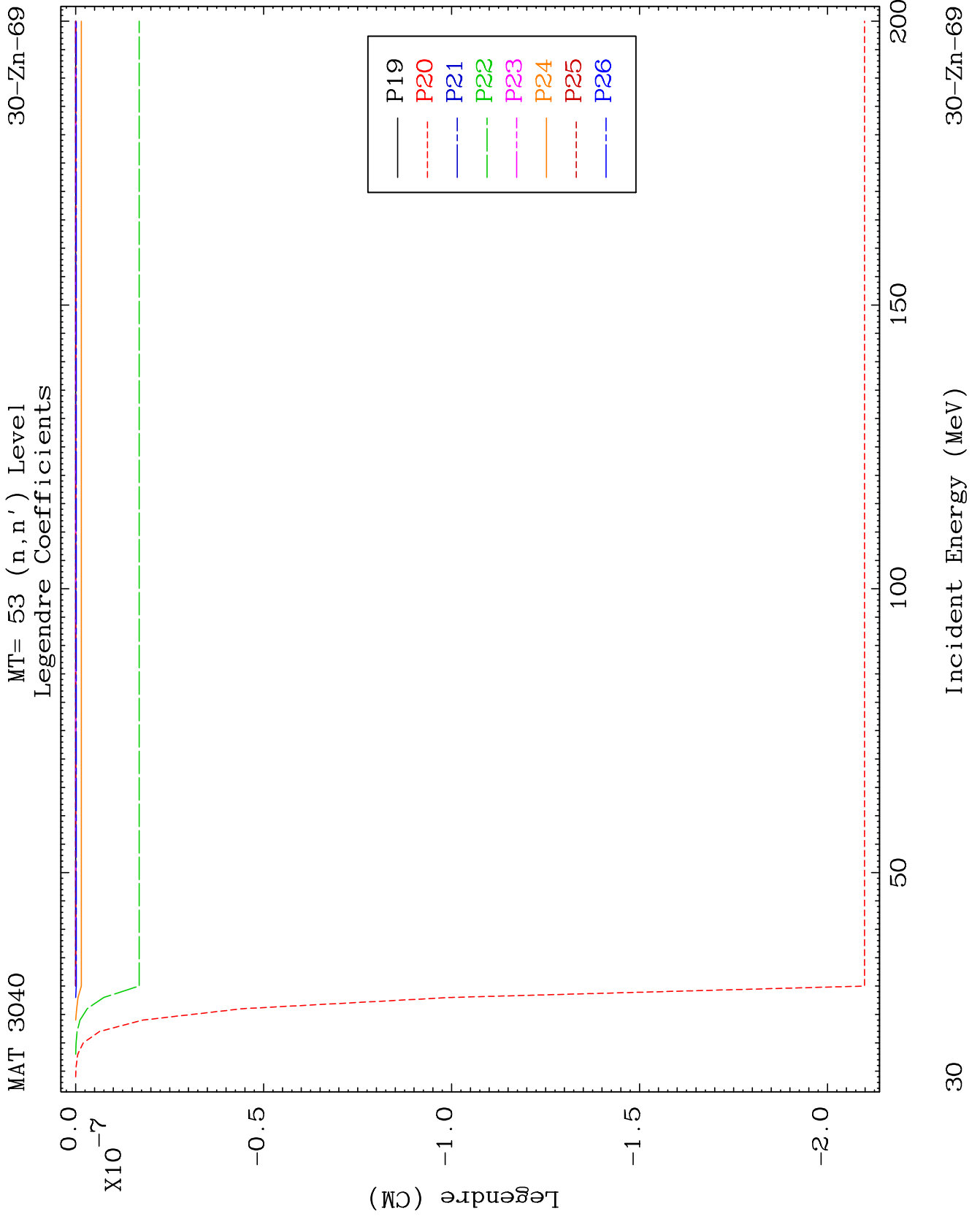
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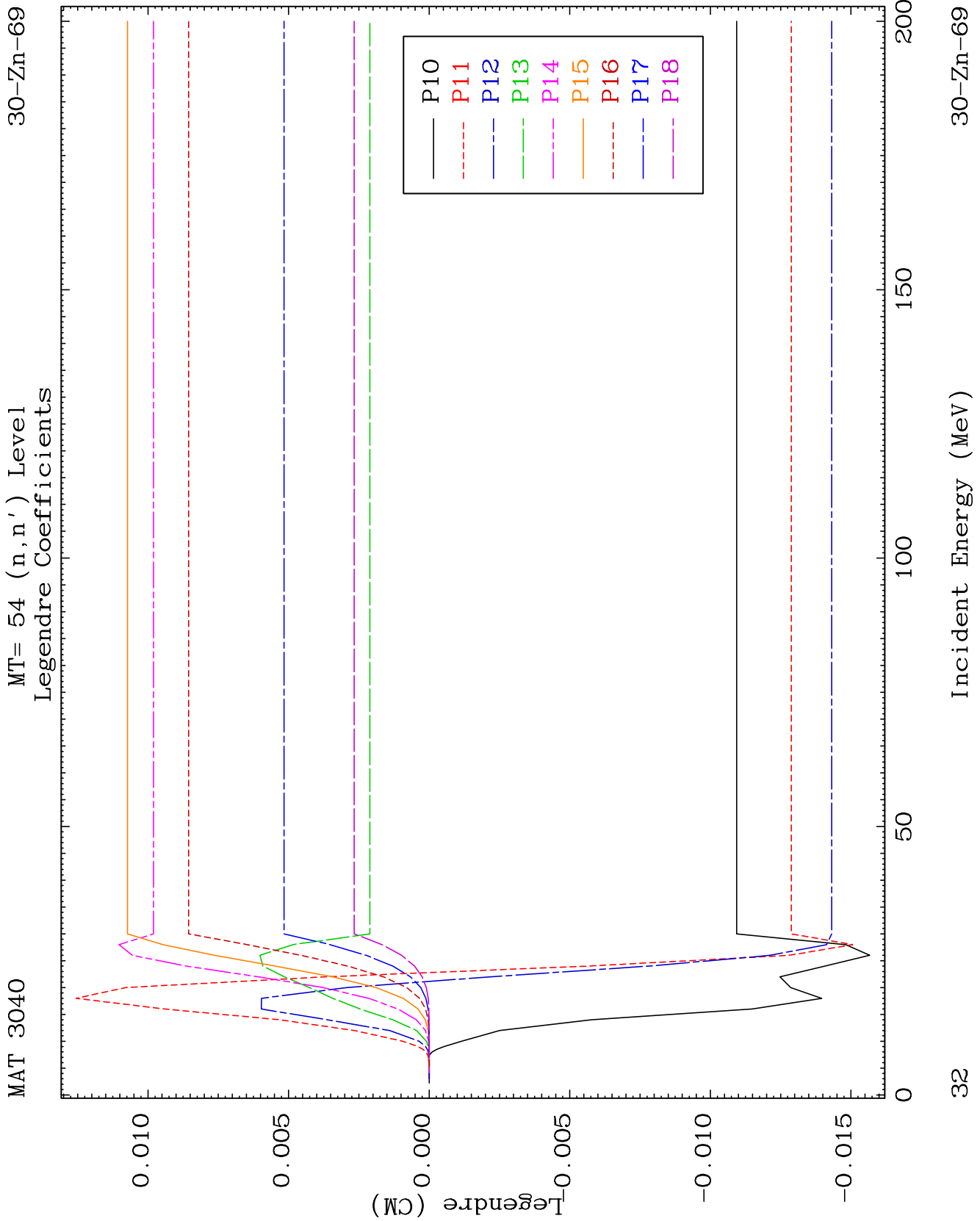


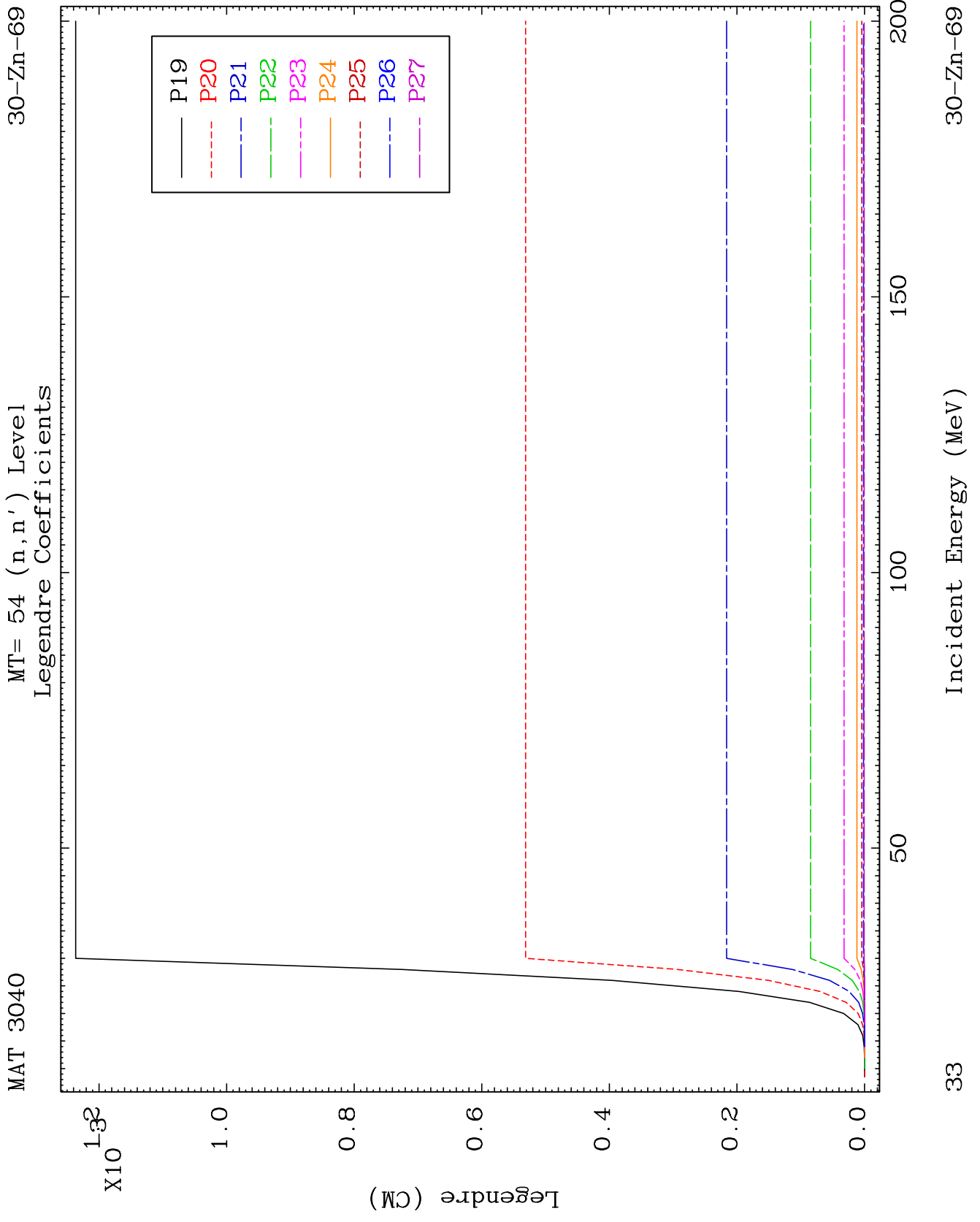
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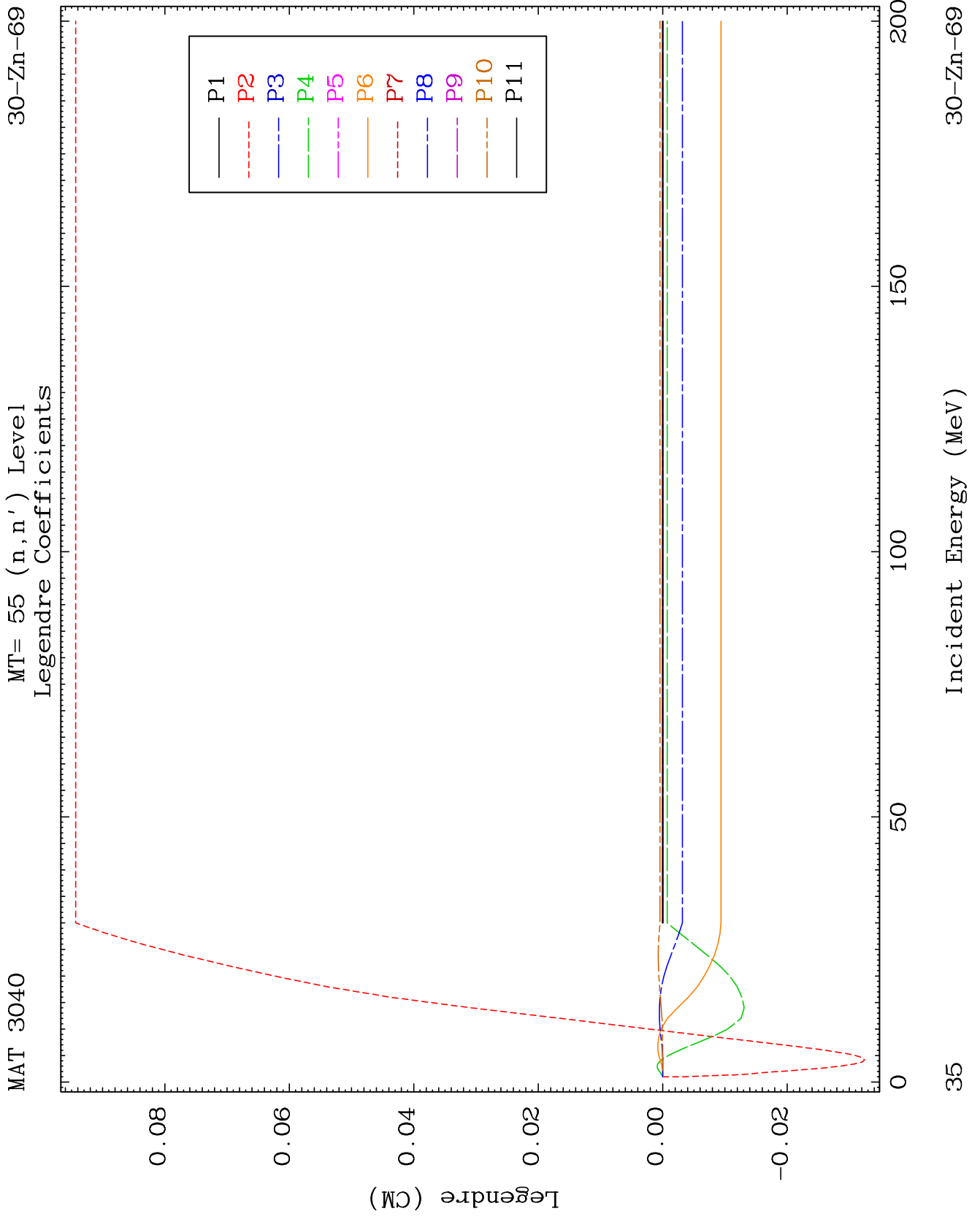
Incident Energy (MeV)

30-Zn-69





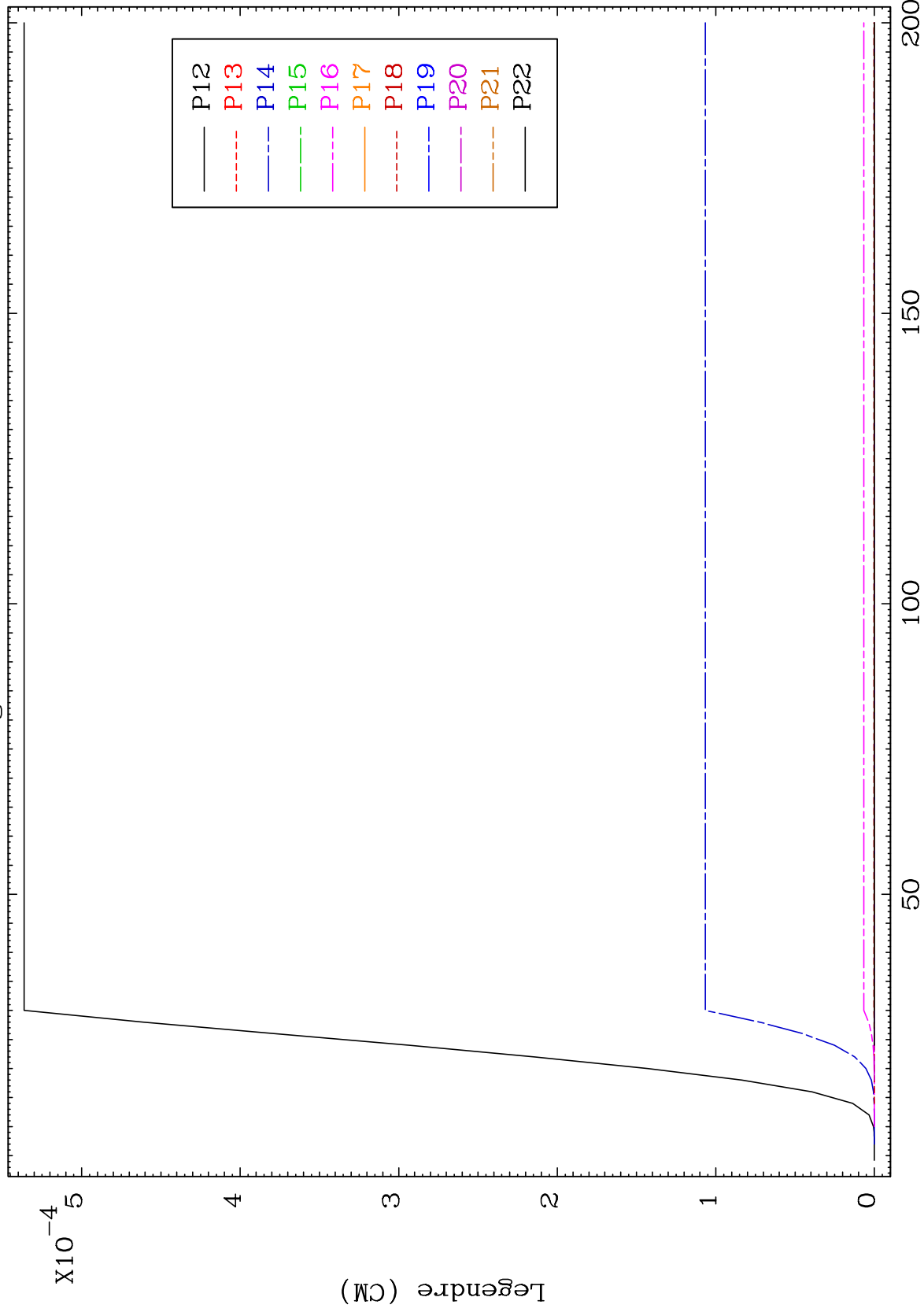




MAT 3040

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

30-Zn-69



36

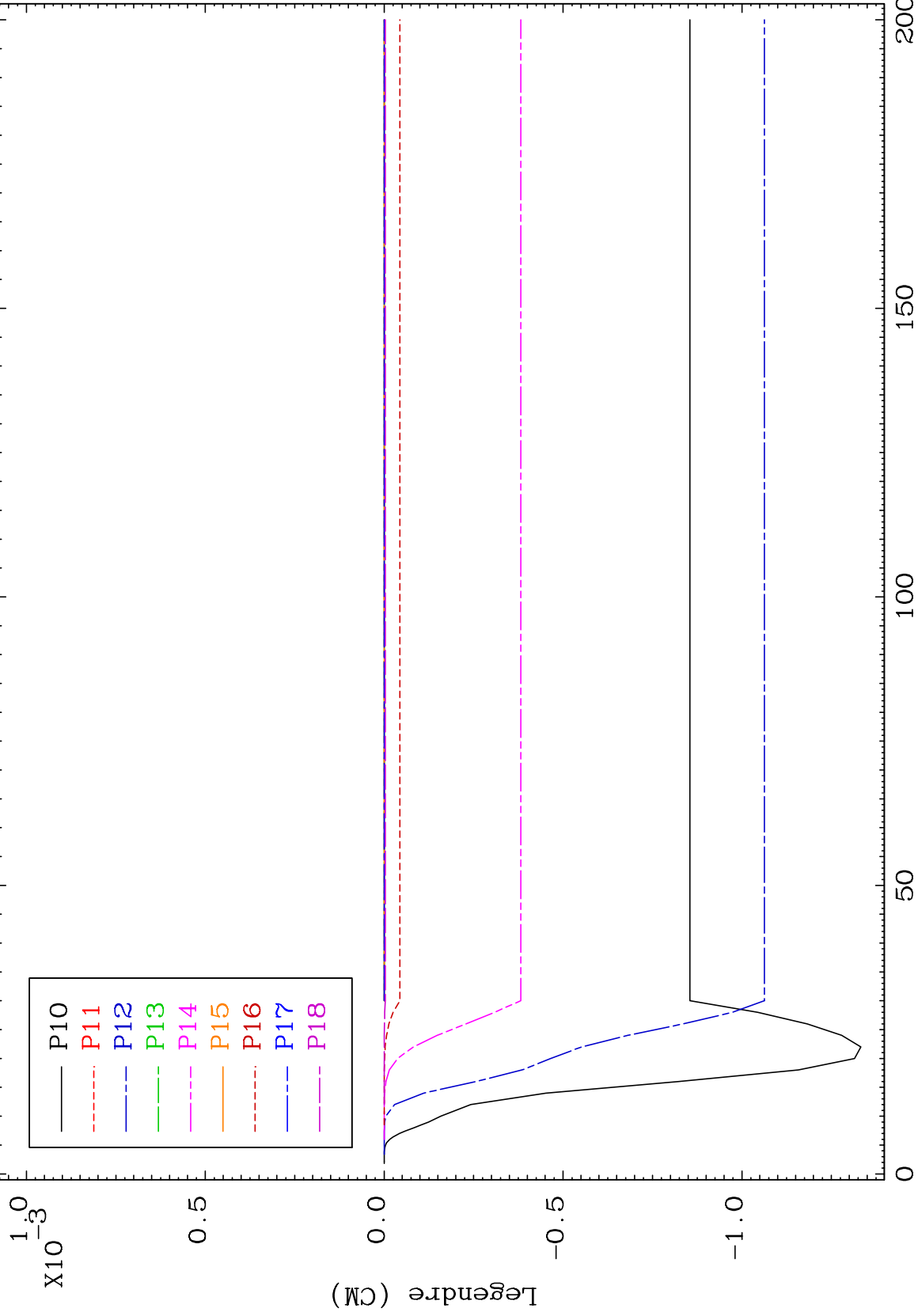
Incident Energy (MeV)

30-Zn-69

MAT 3040

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

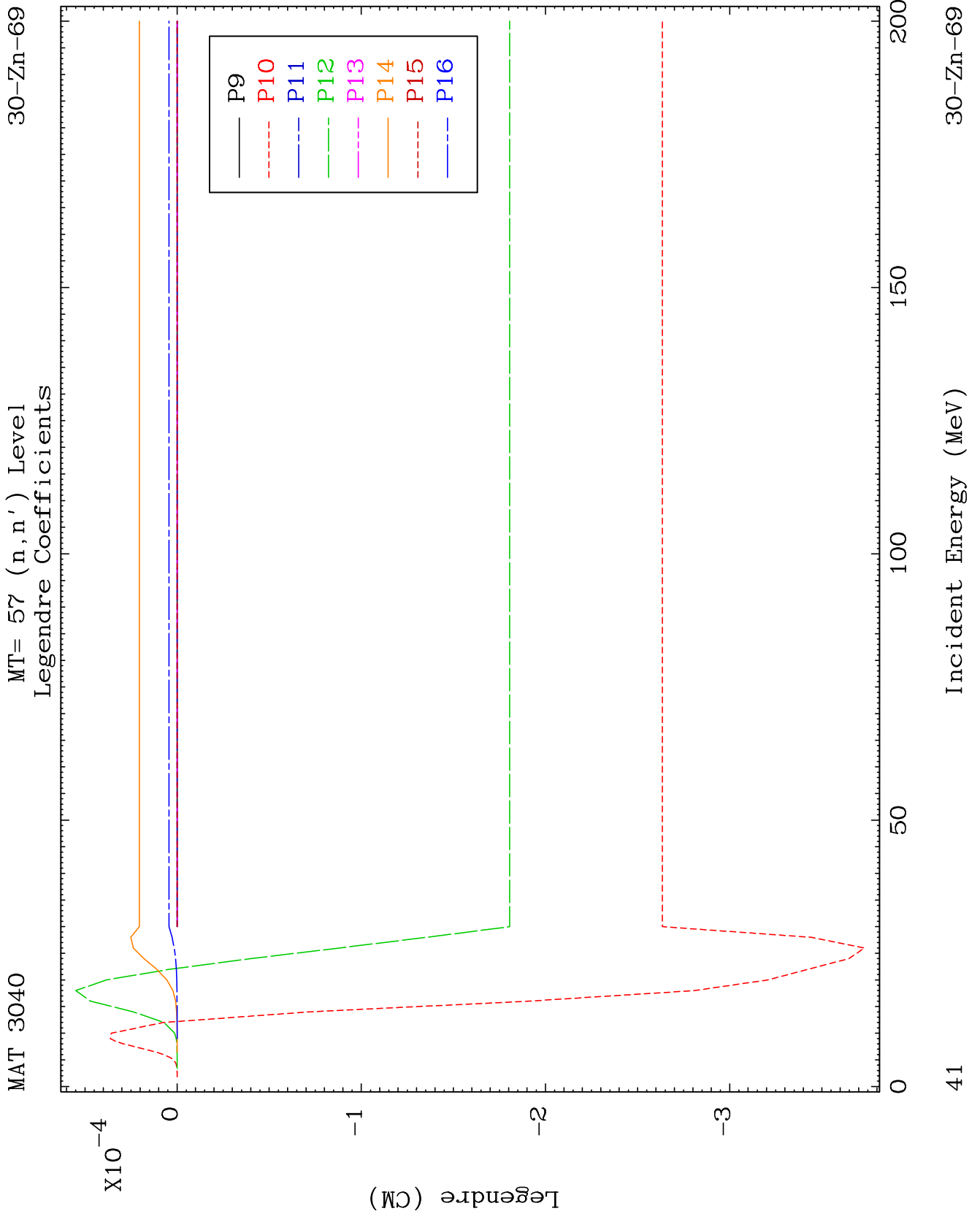
30-Zn-69

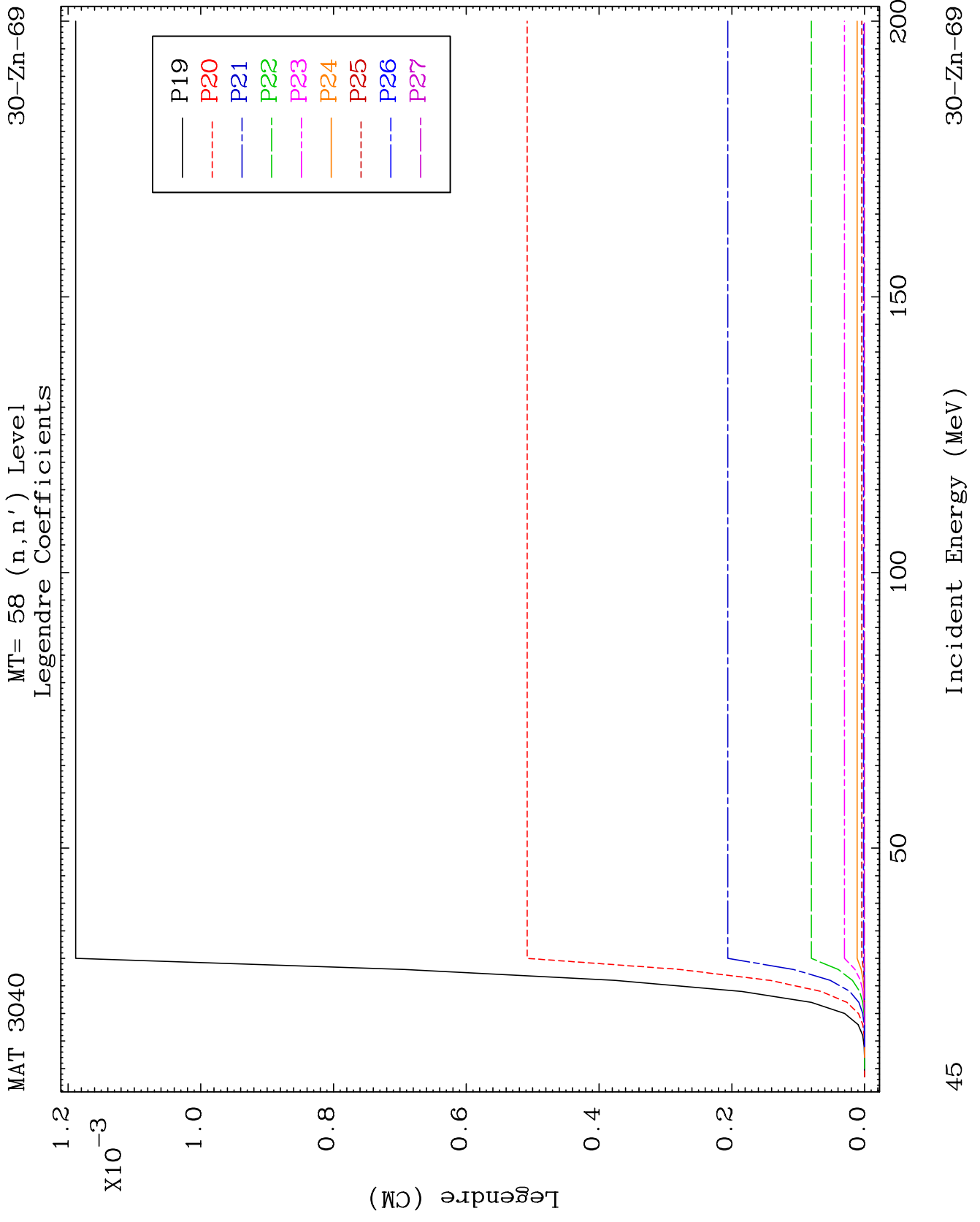


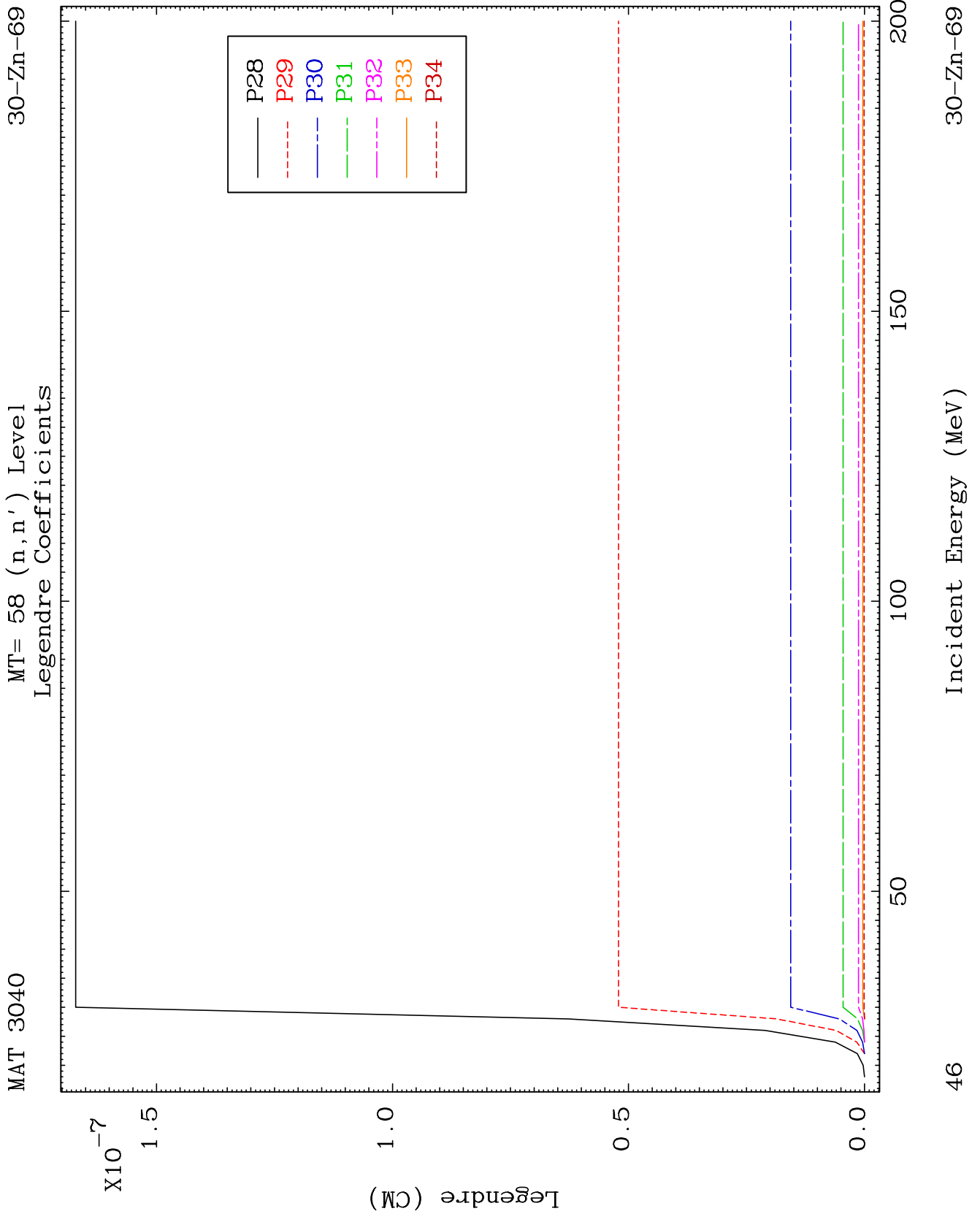
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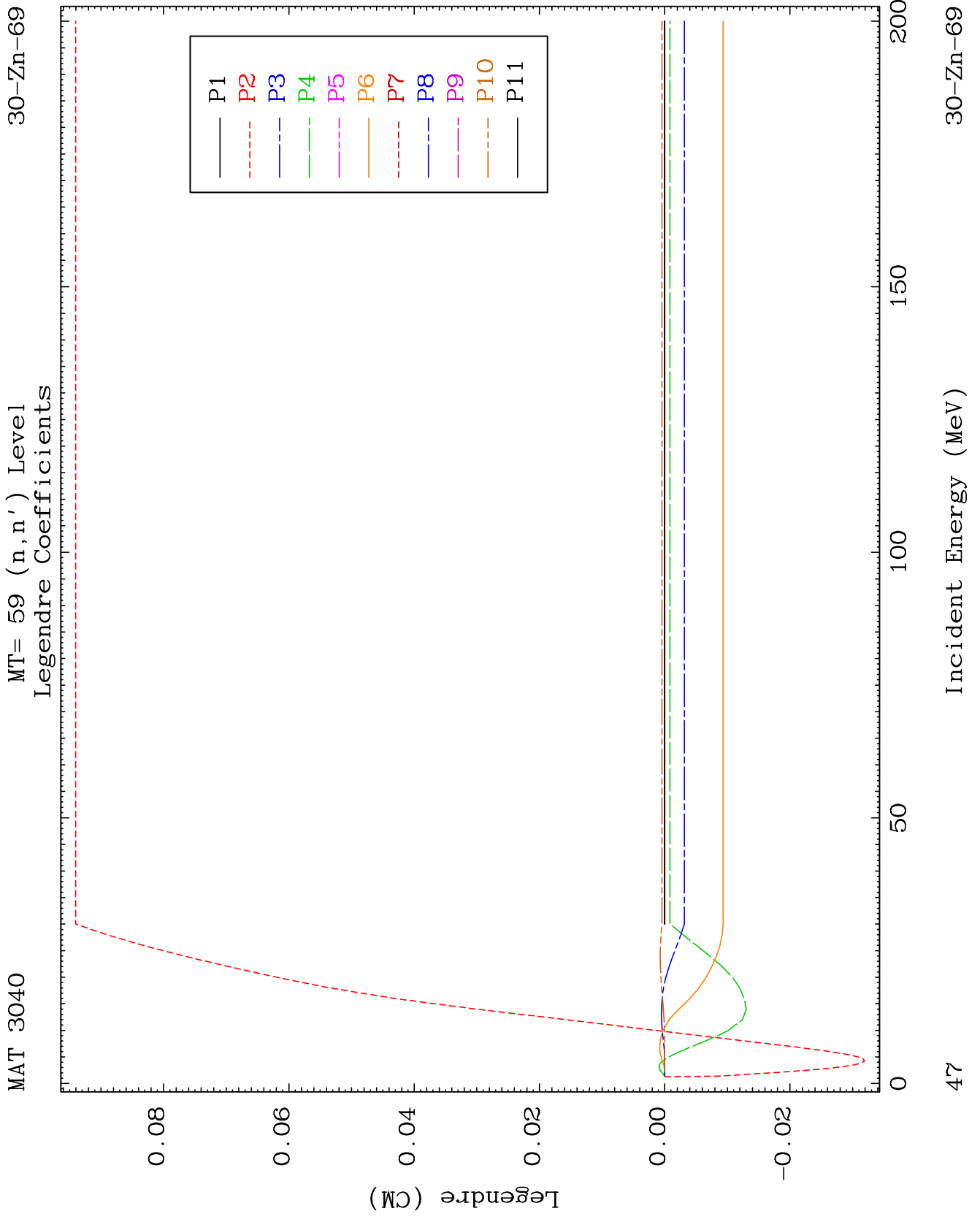
Incident Energy (MeV)

30-Zn-69





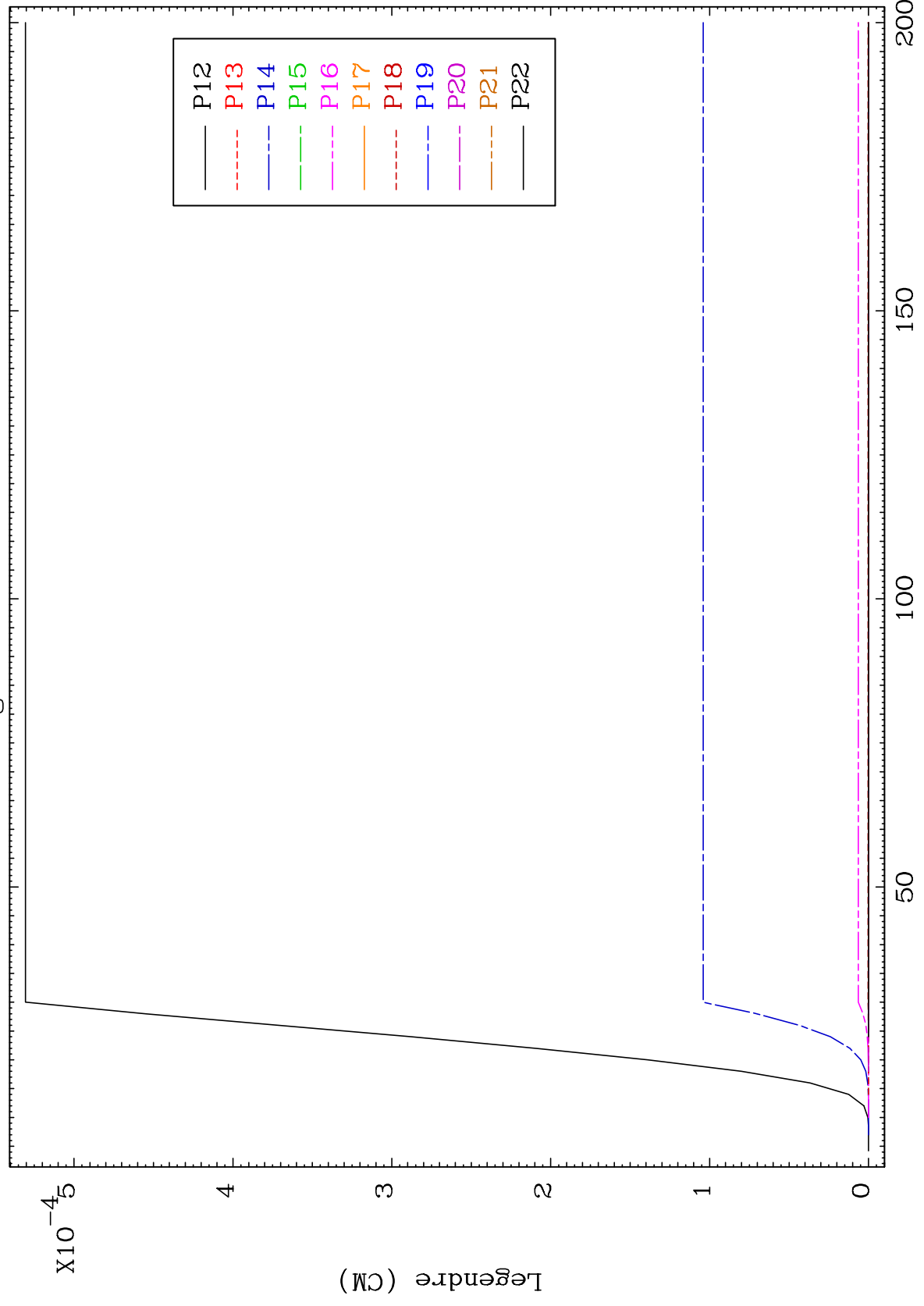




MAT 3040

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

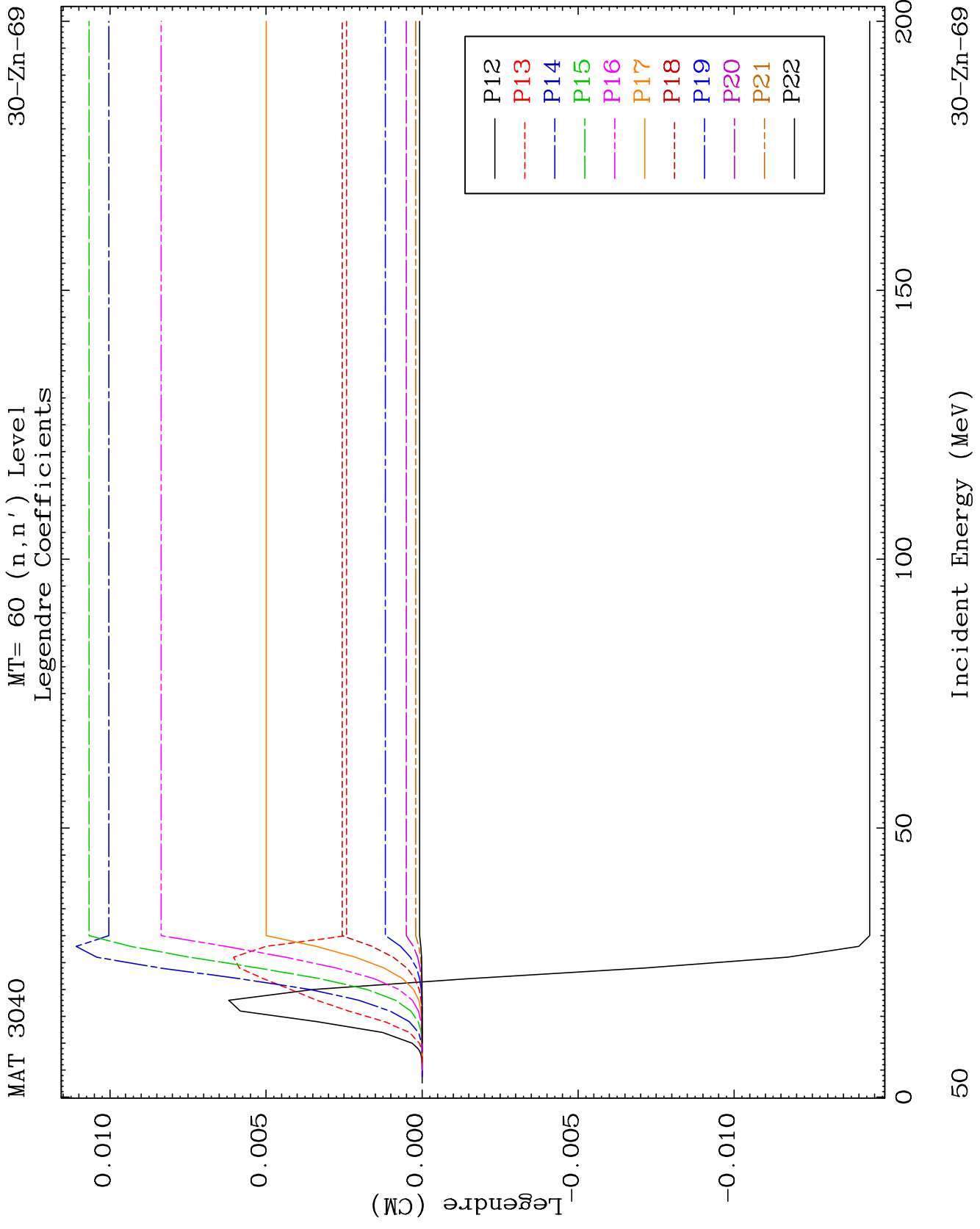
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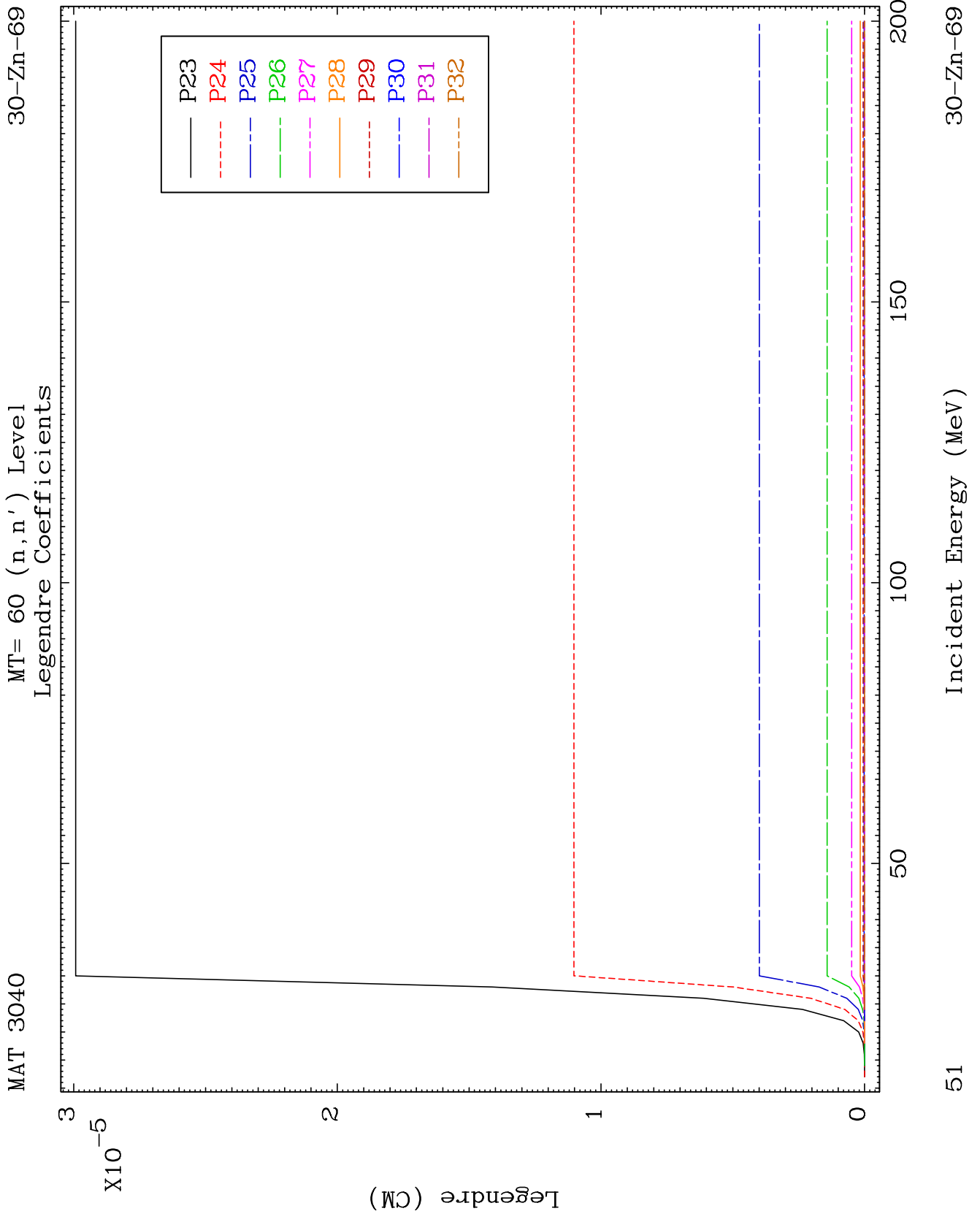


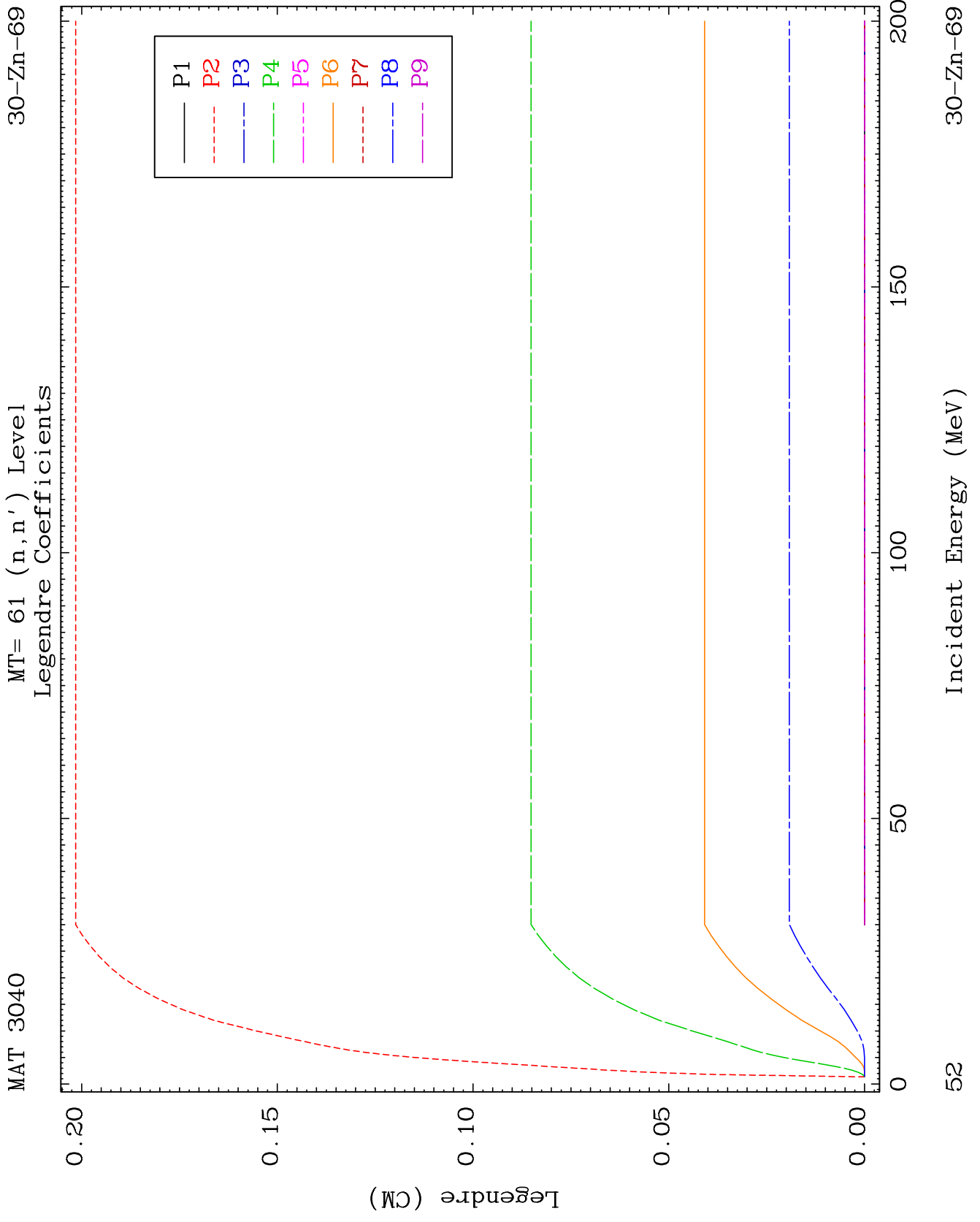
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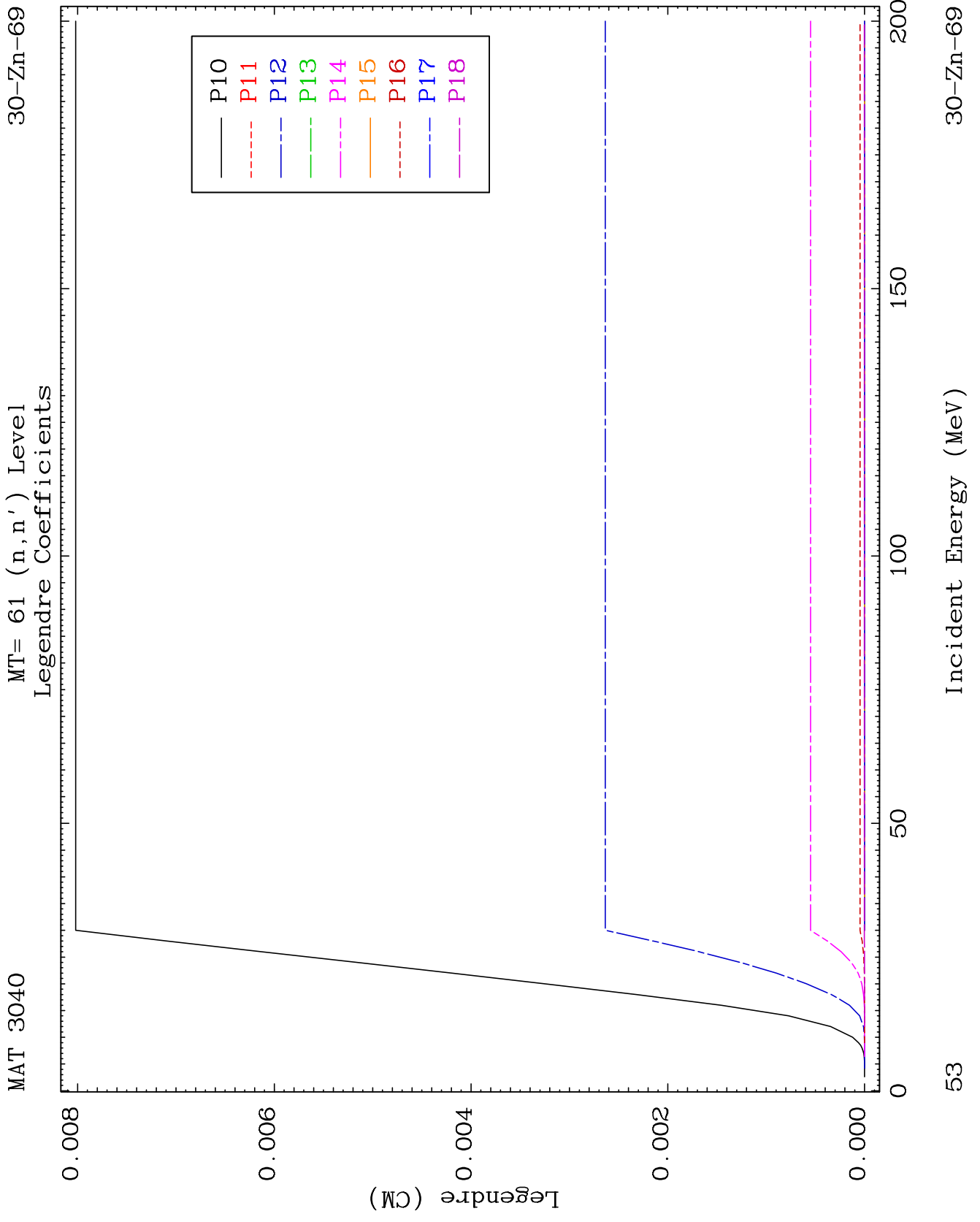
Incident Energy (MeV)

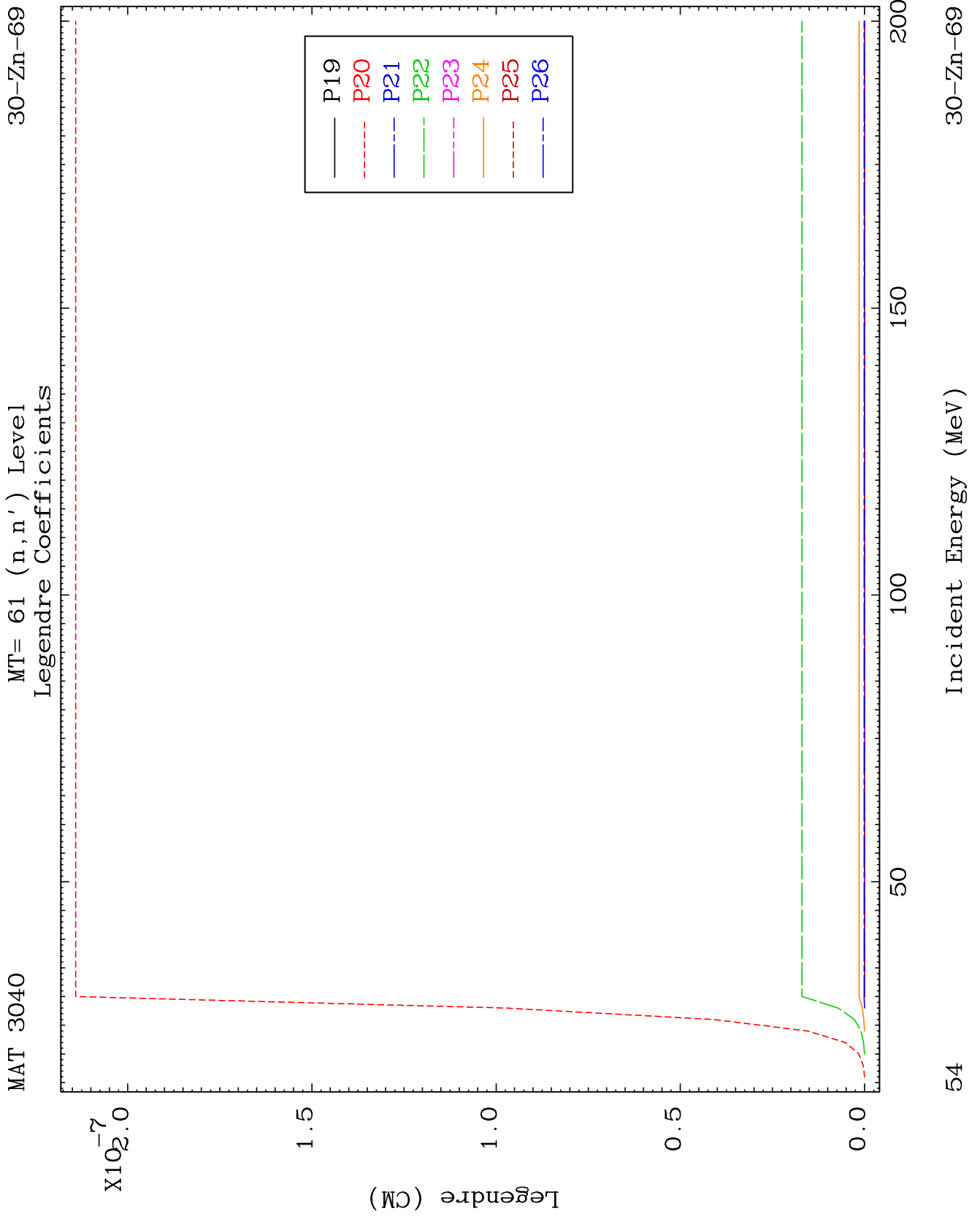
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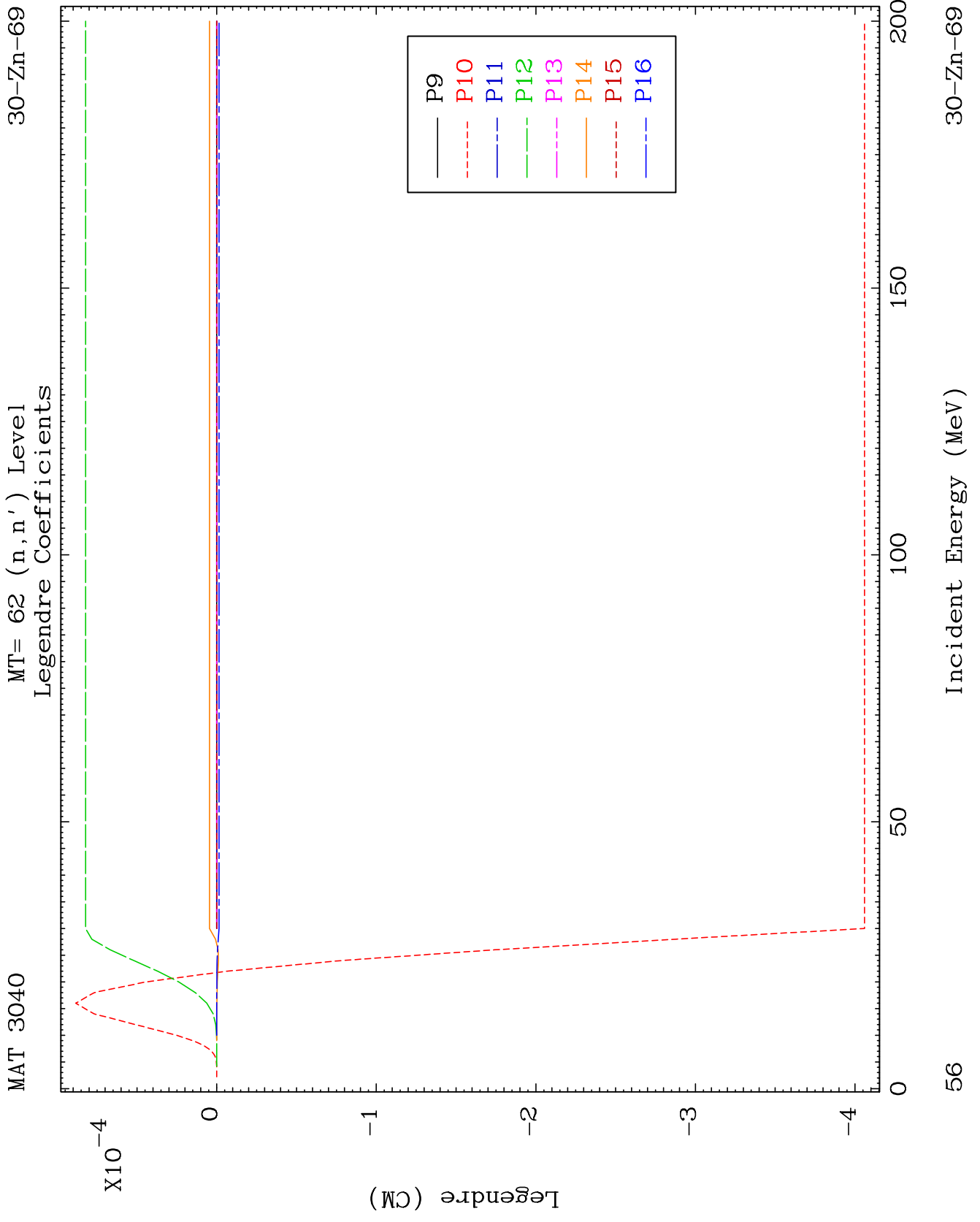


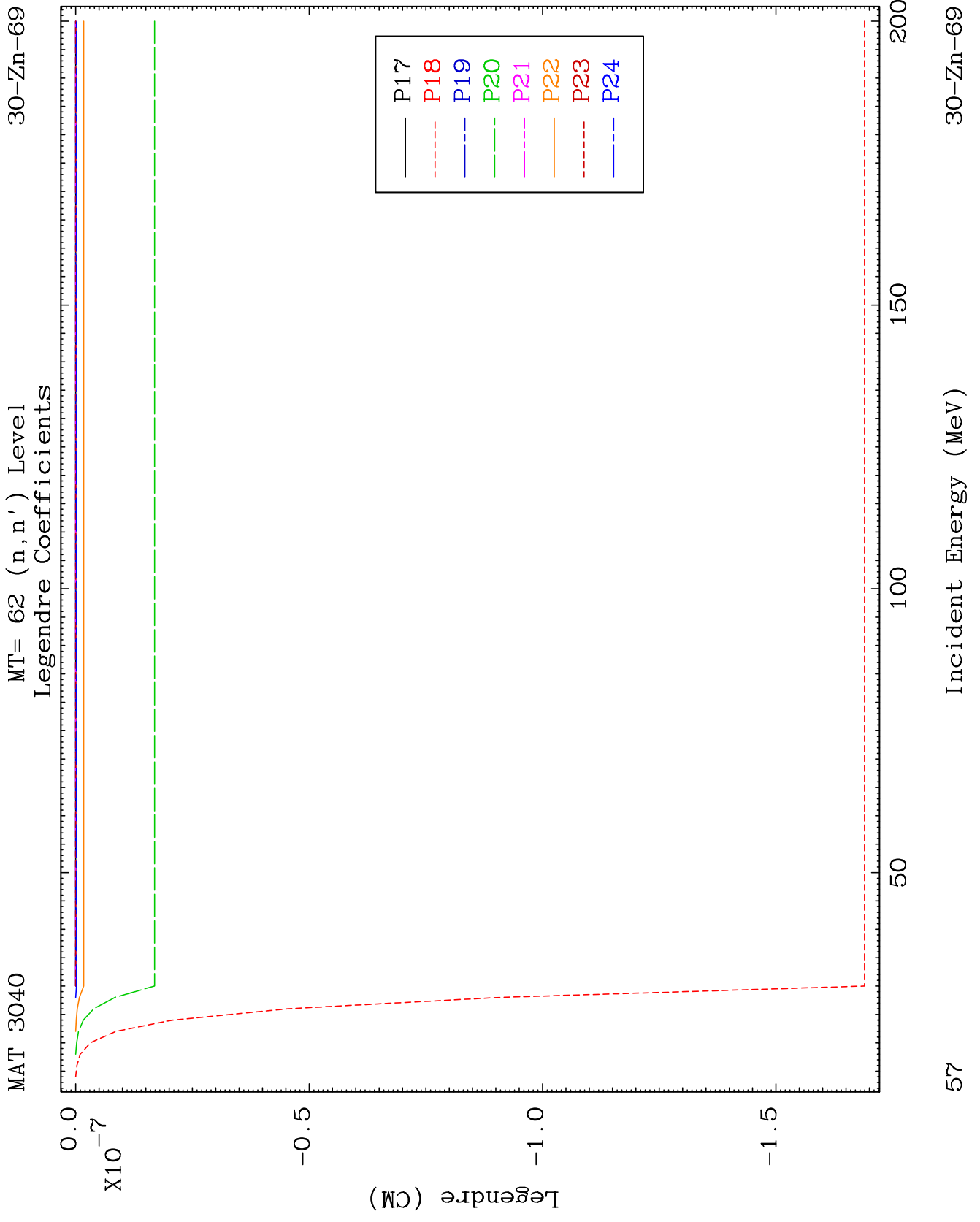


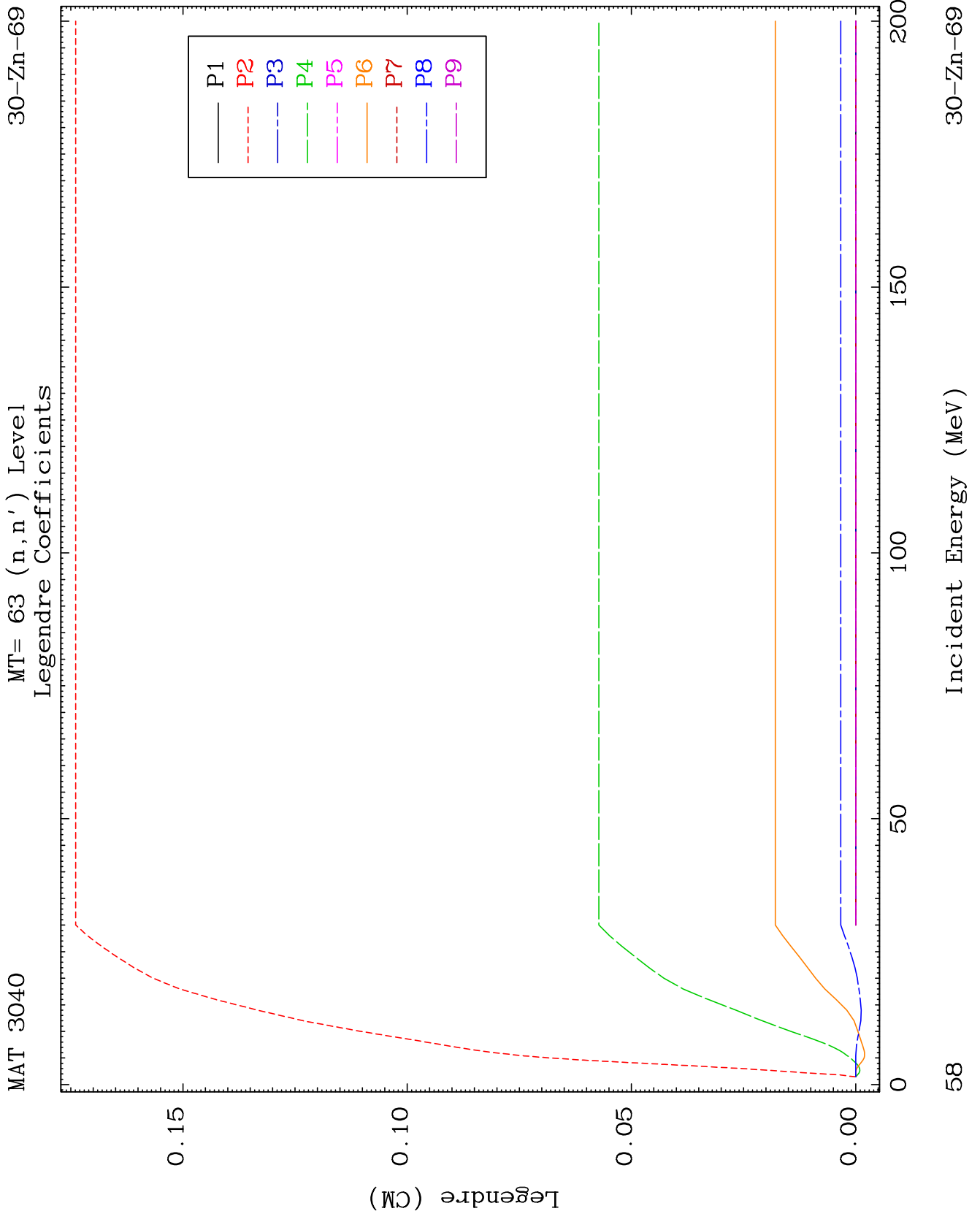


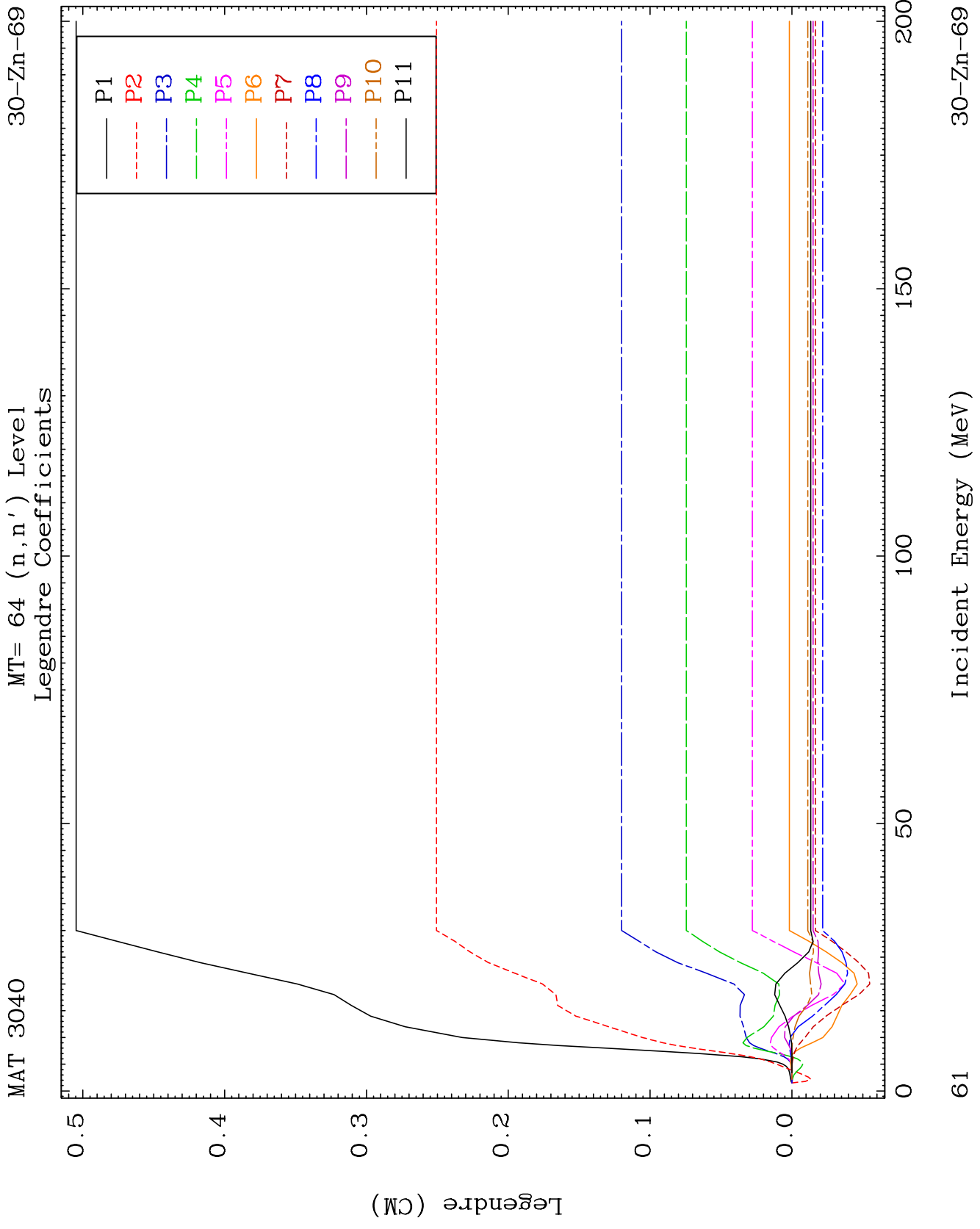


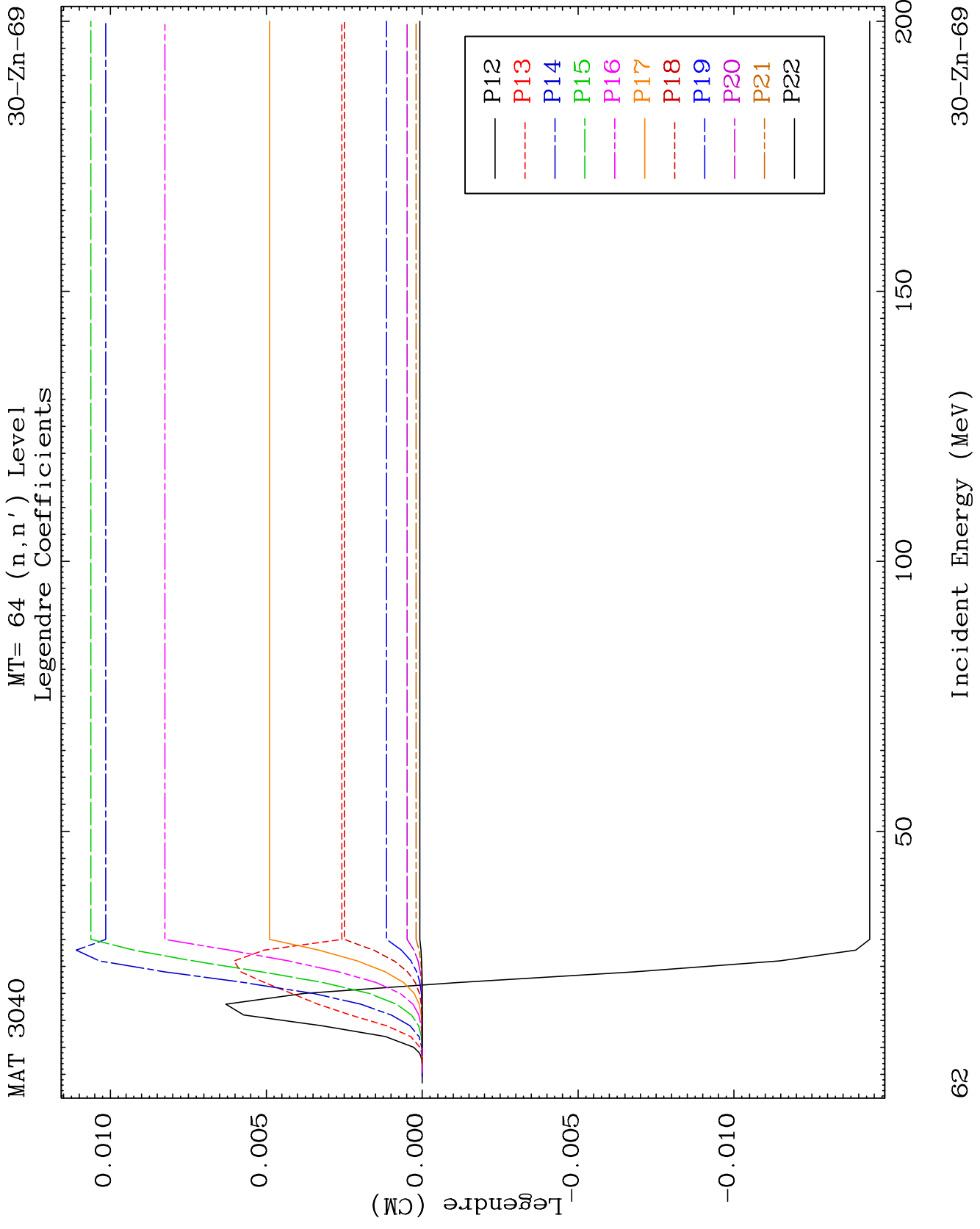


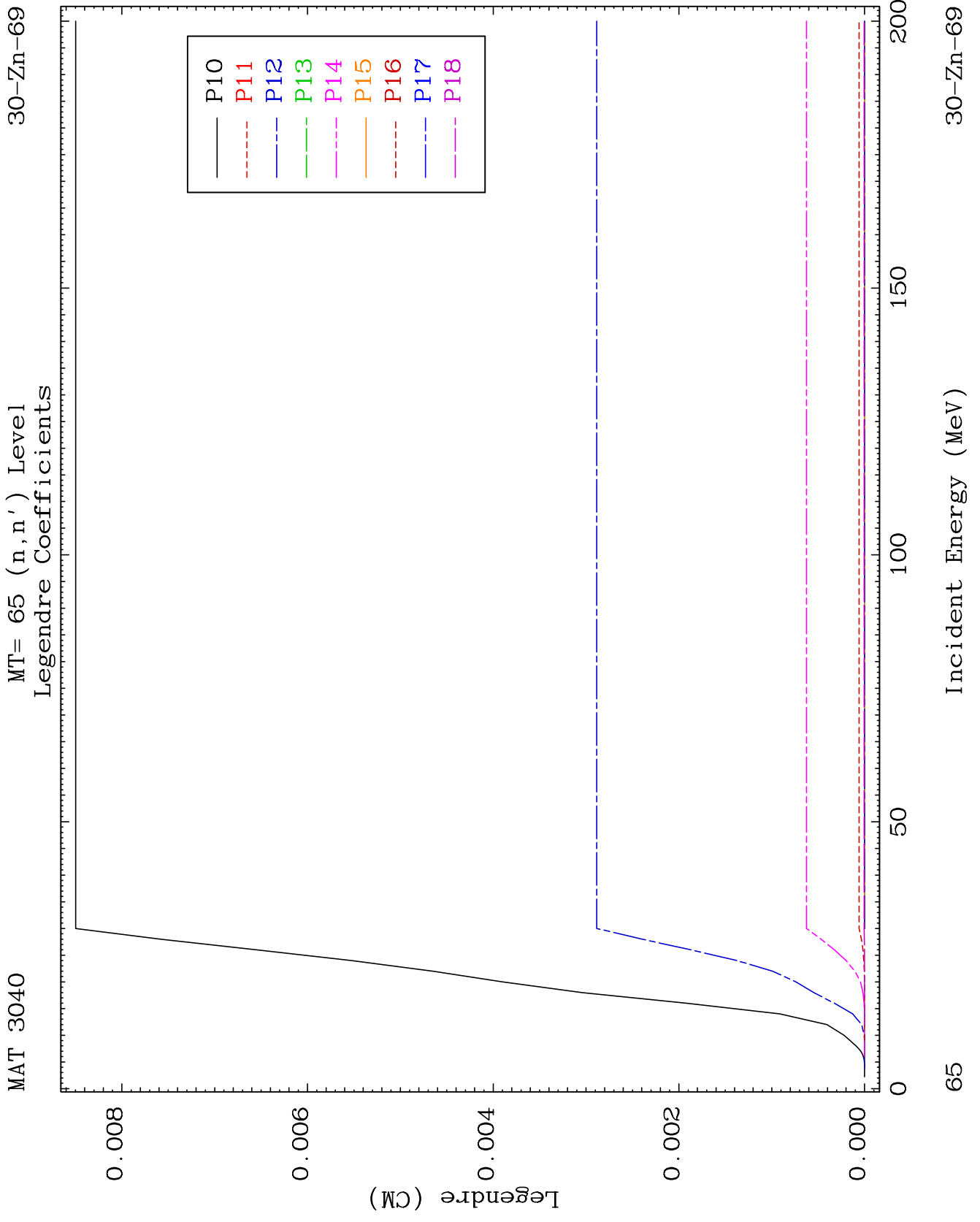


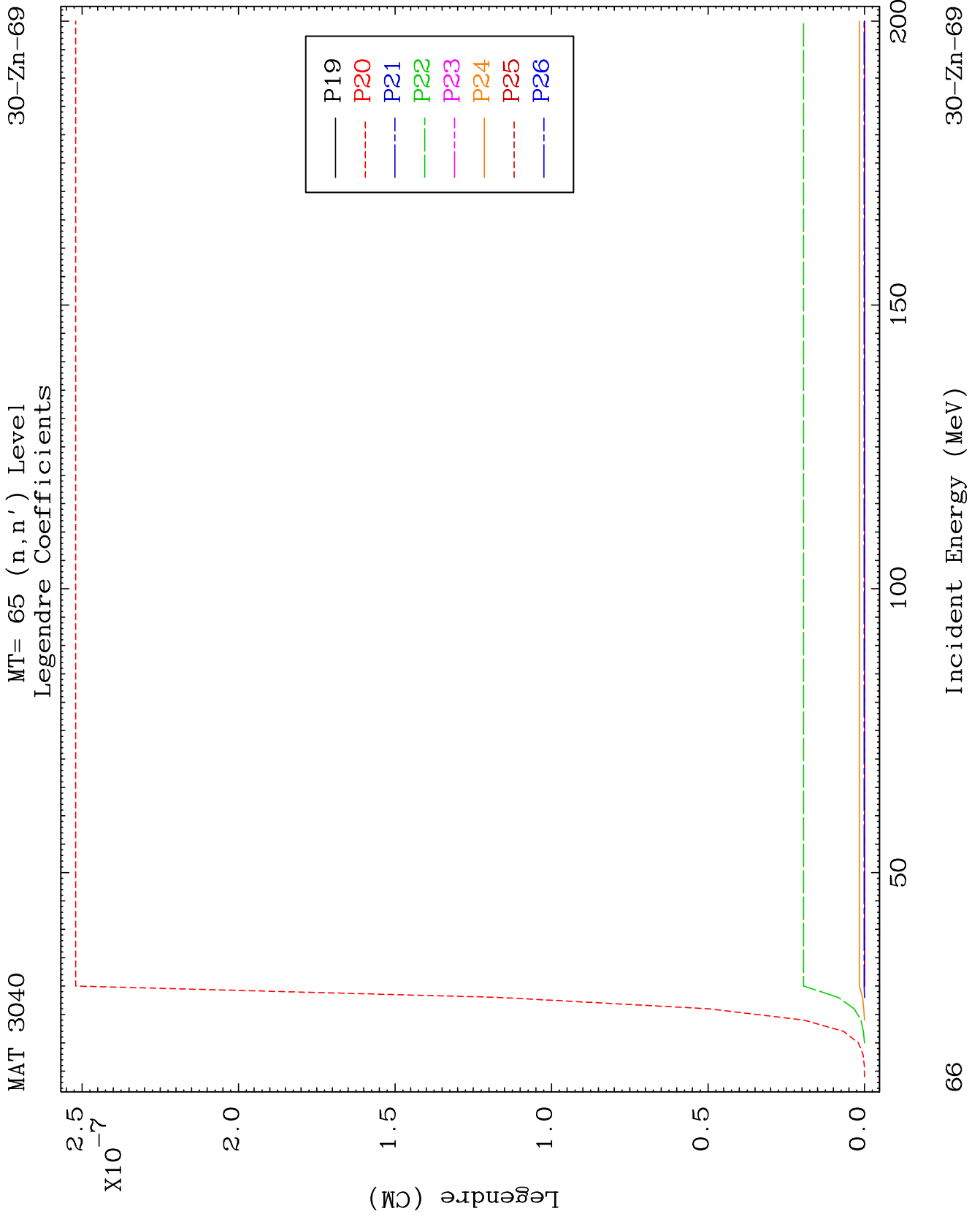


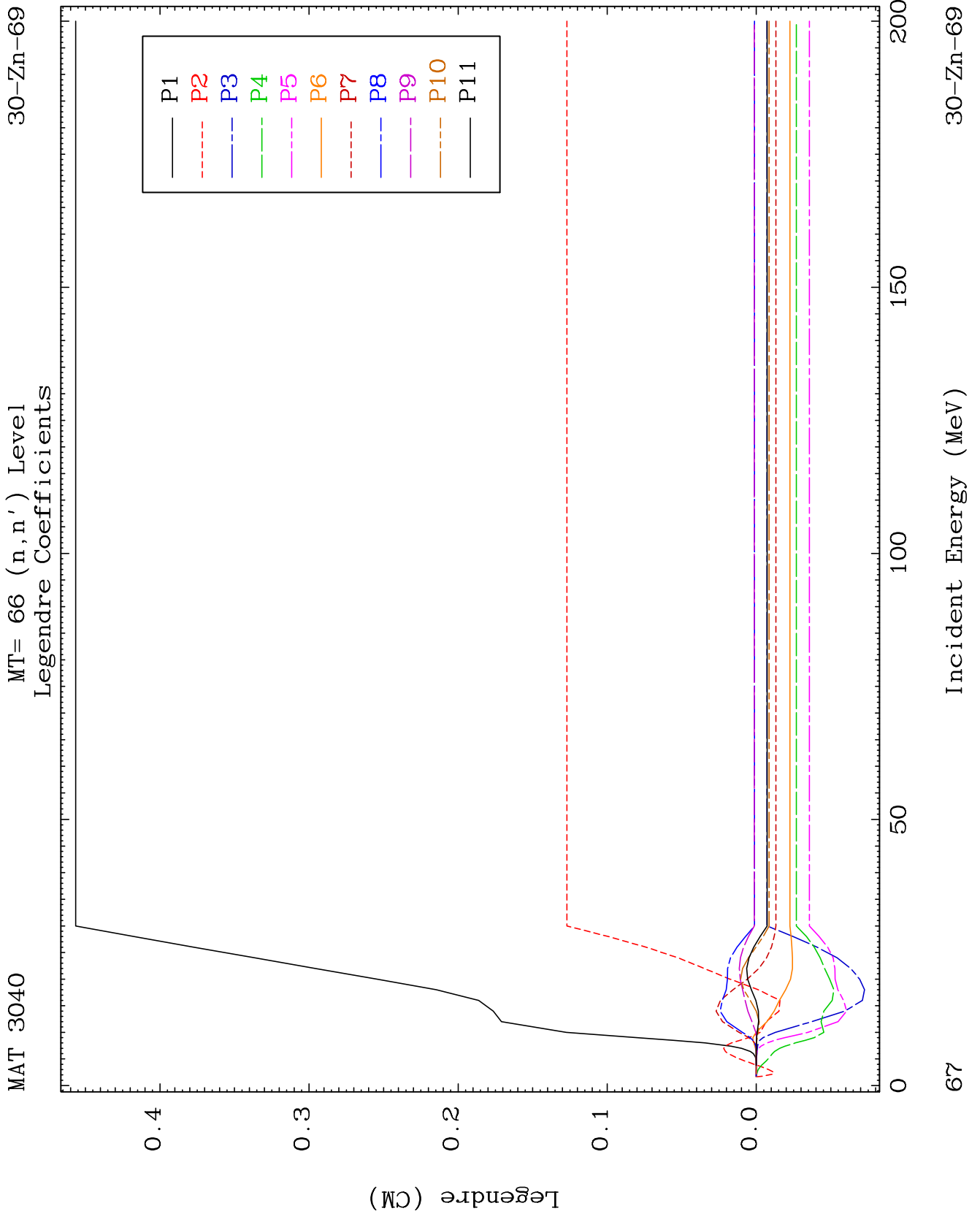








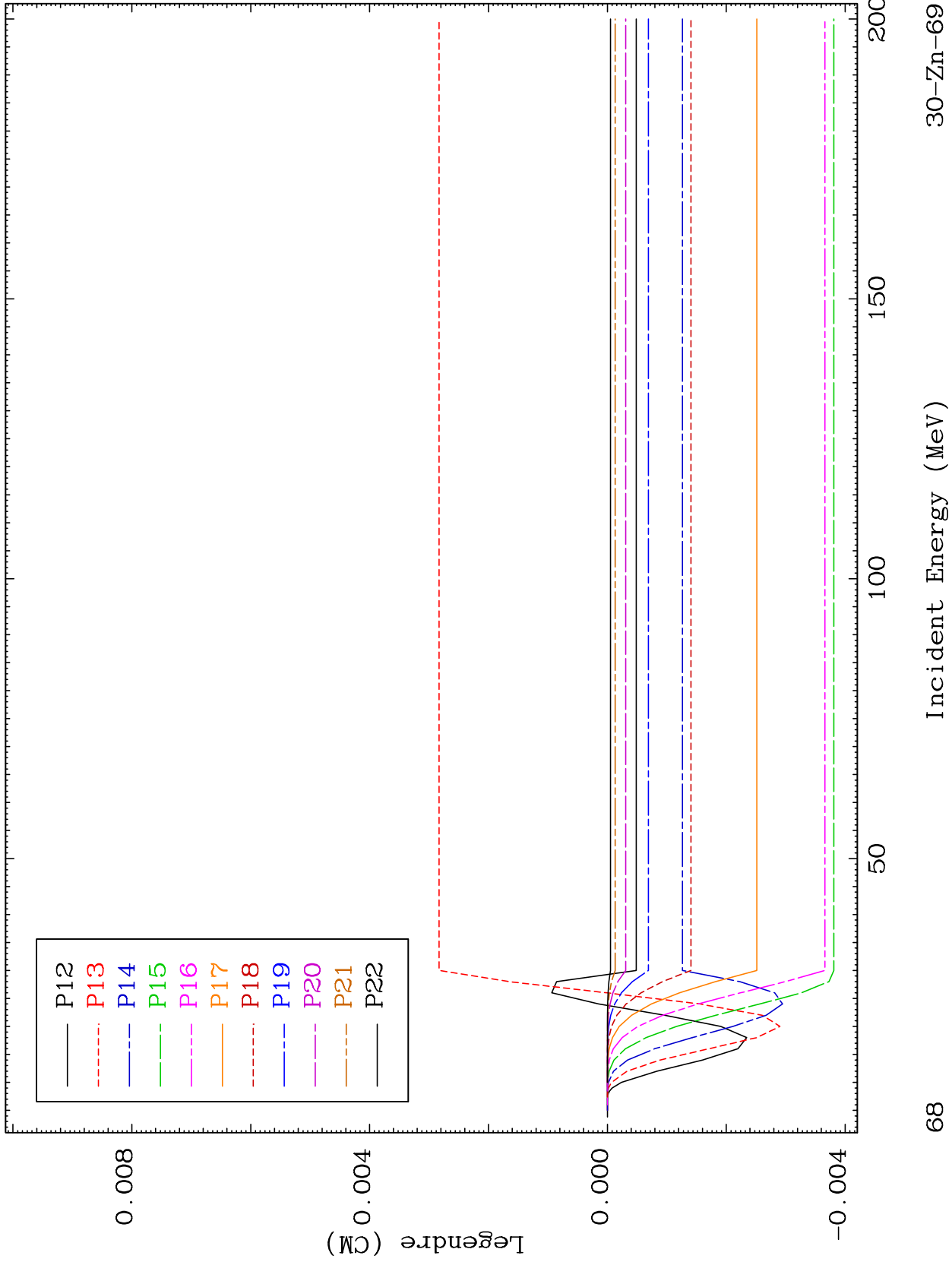




MAT 3040

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

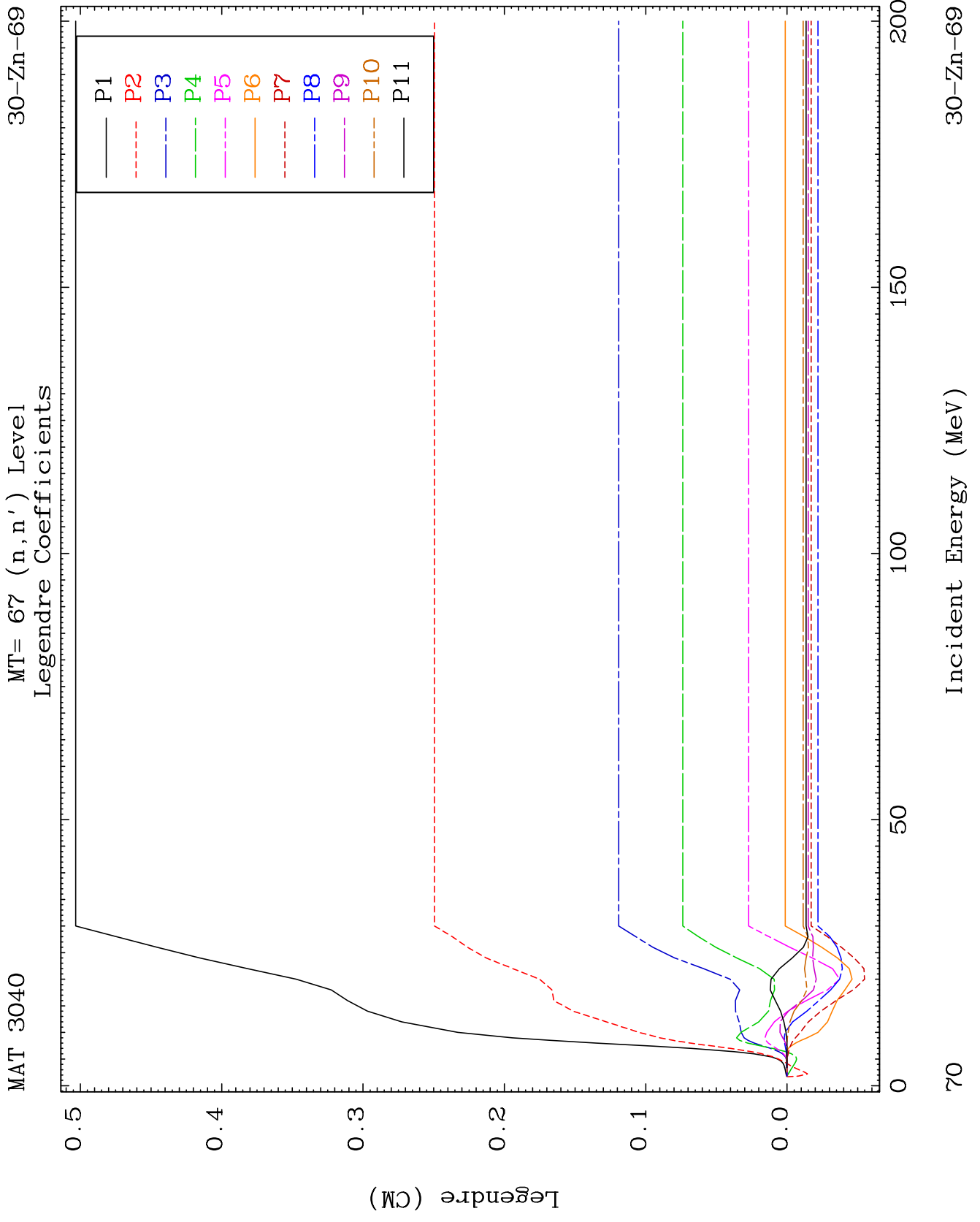
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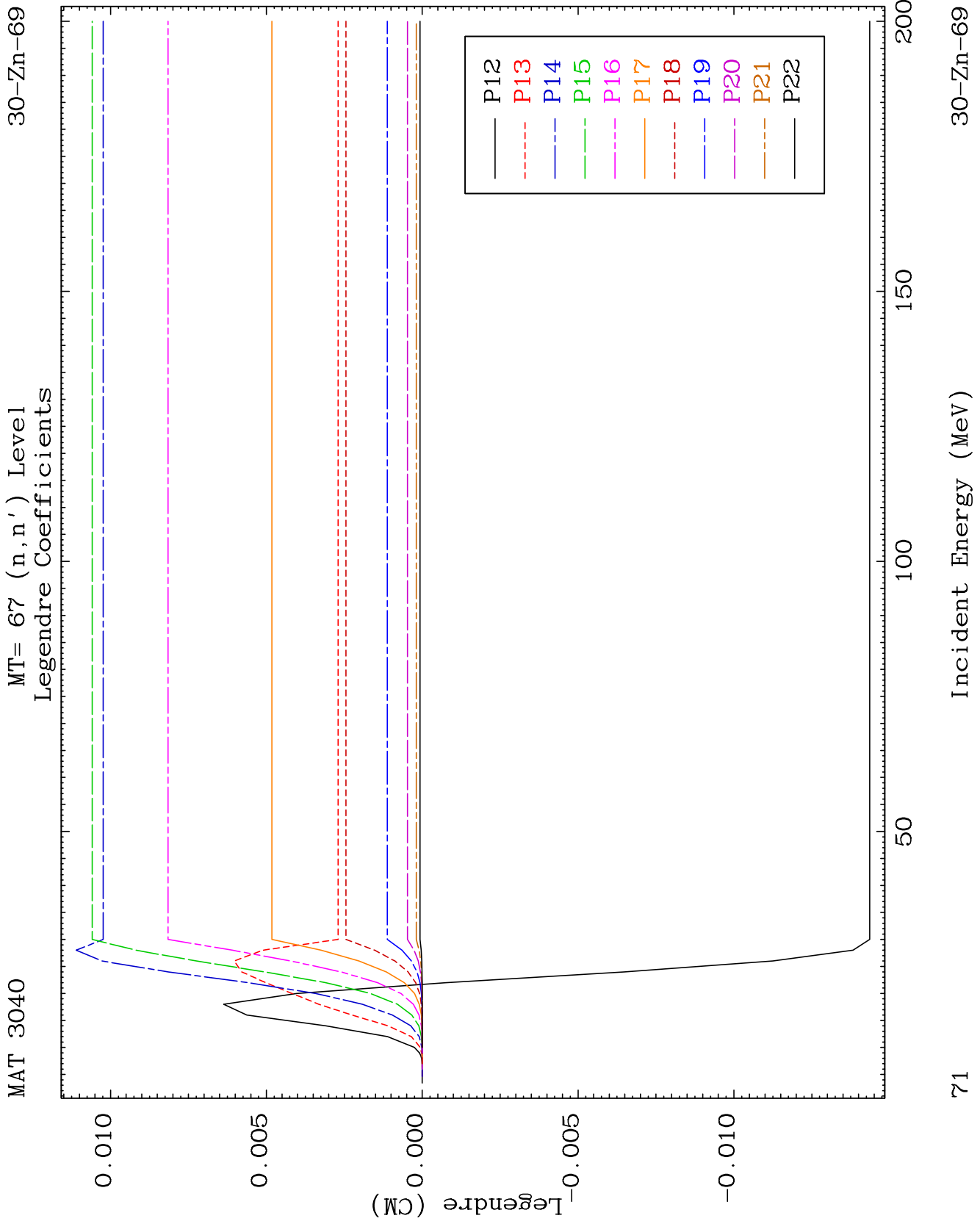


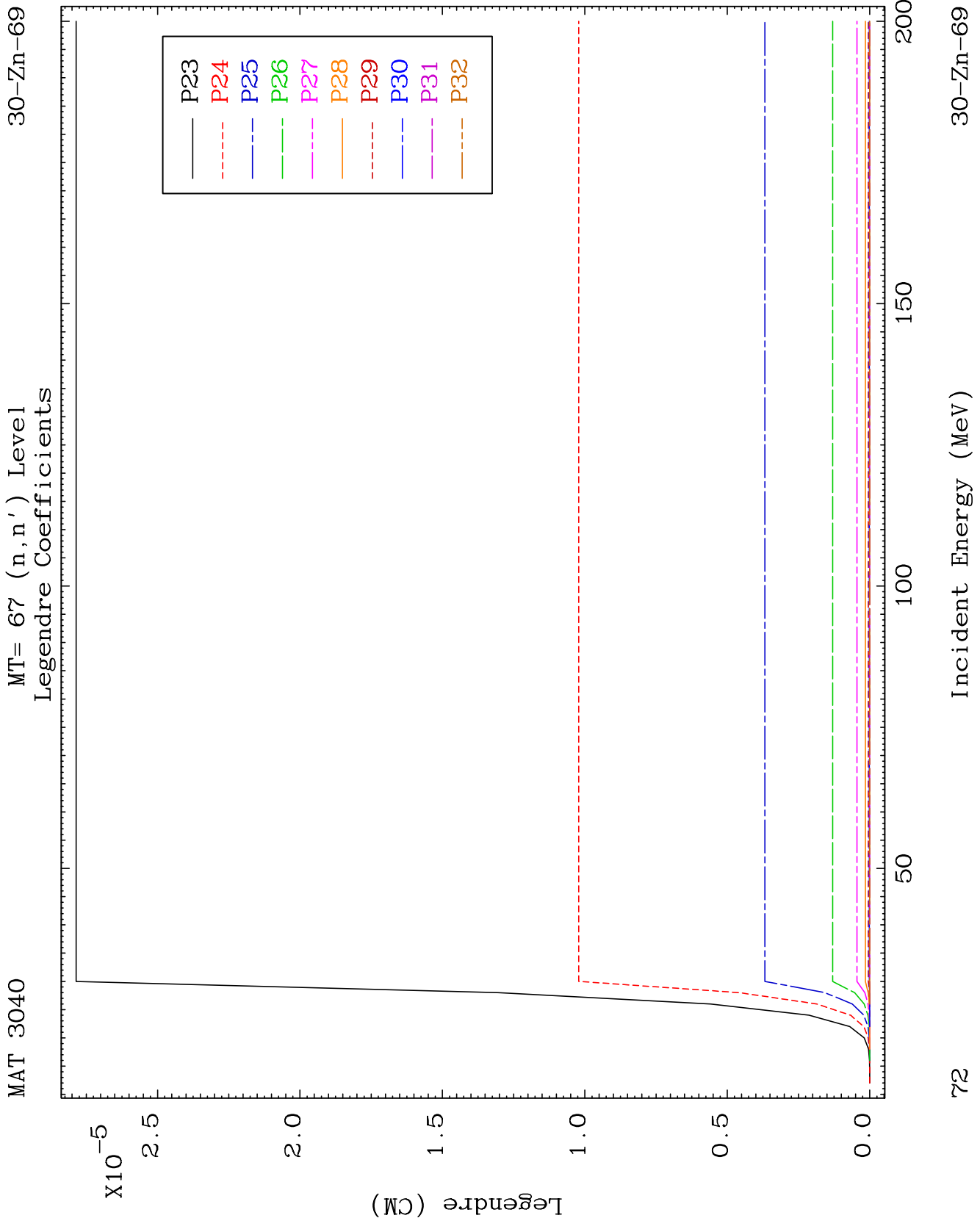
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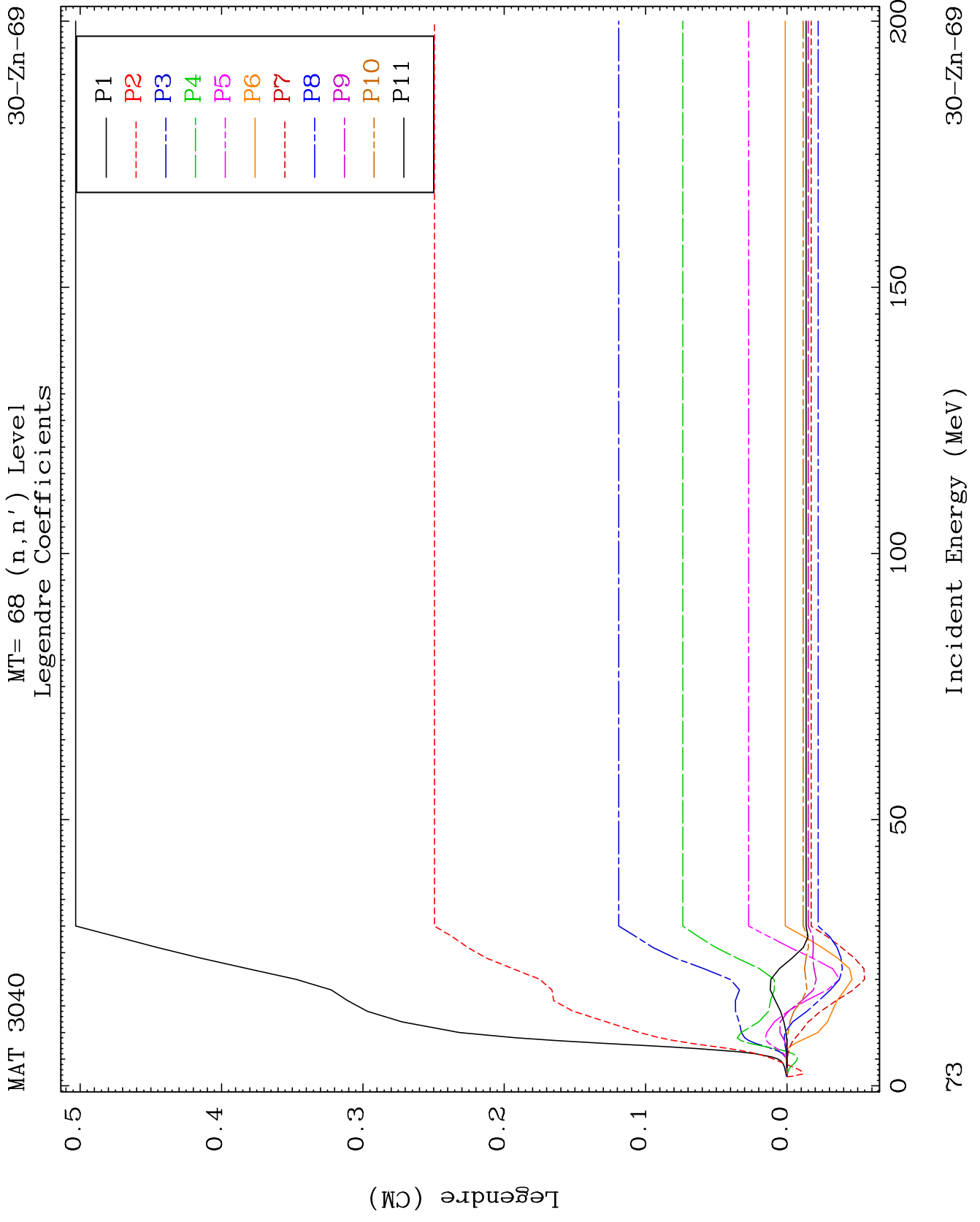
Incident Energy (MeV)

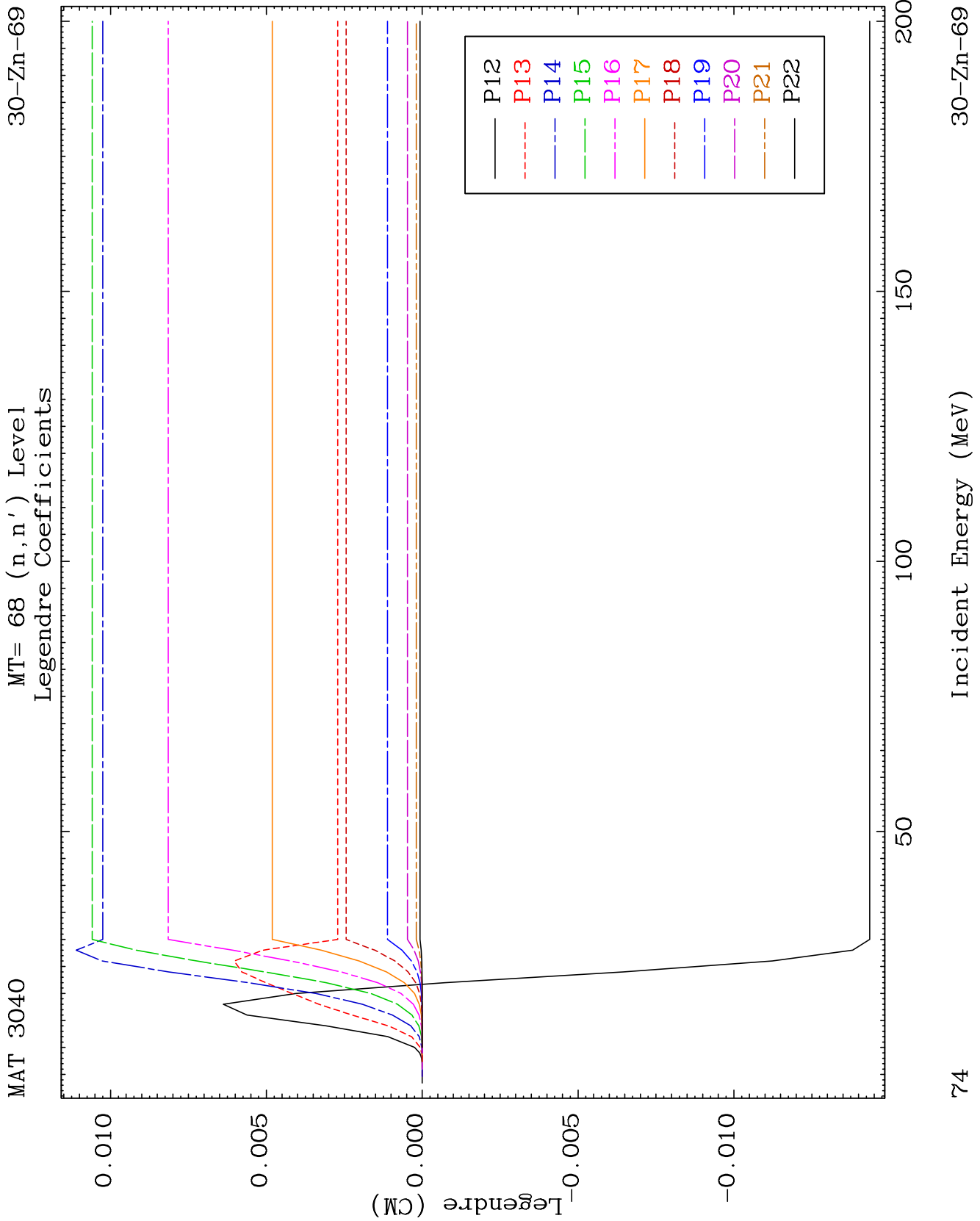
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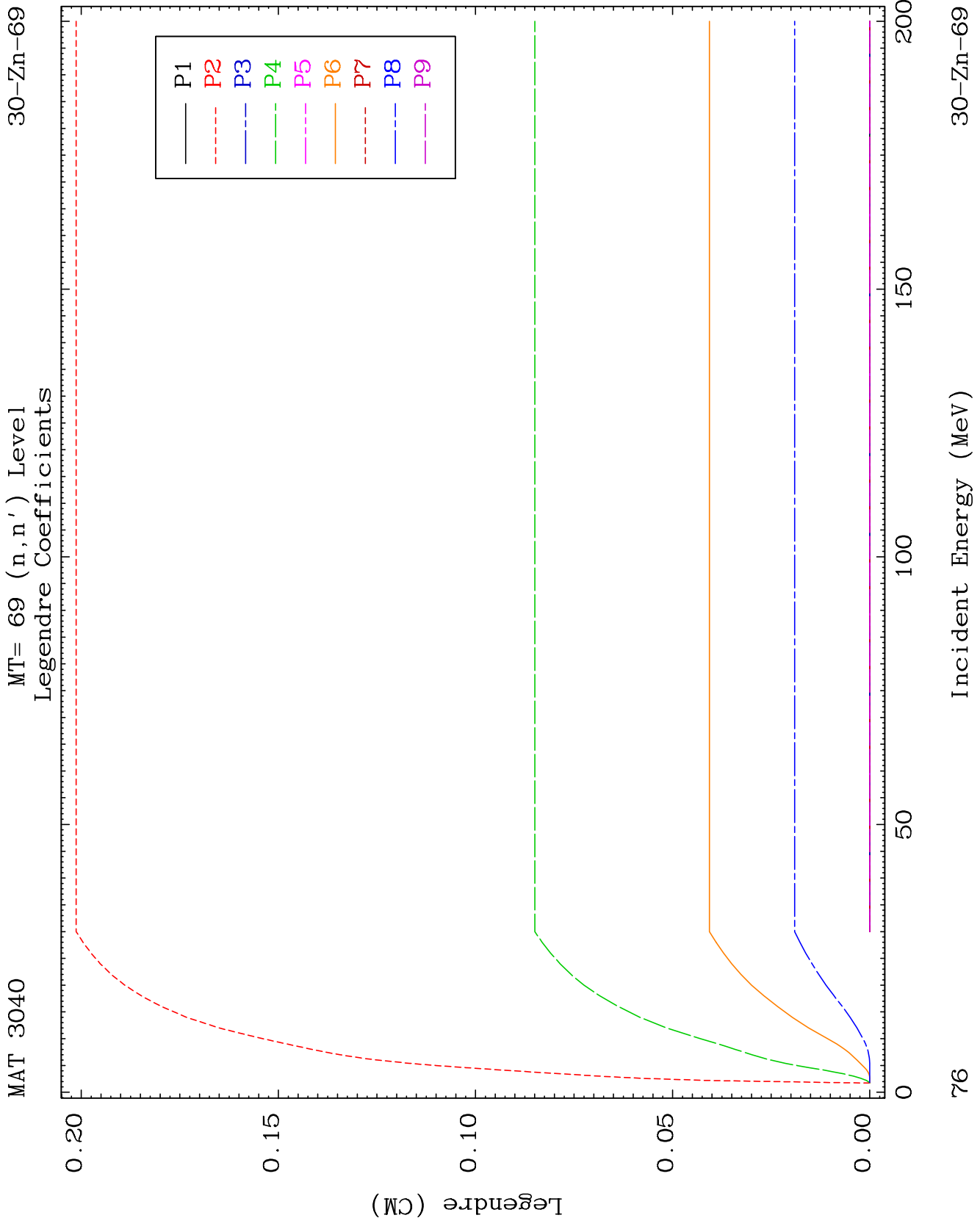


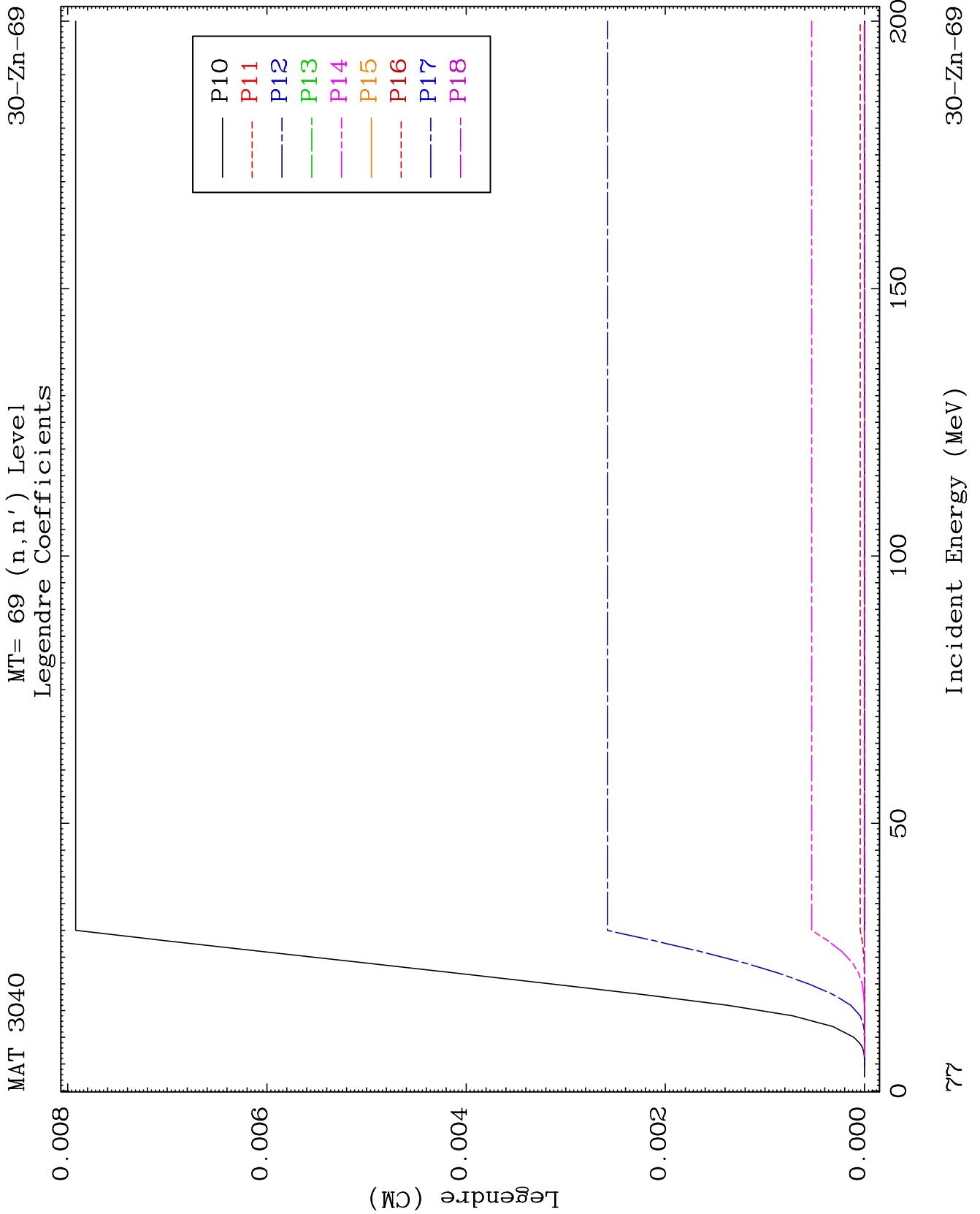


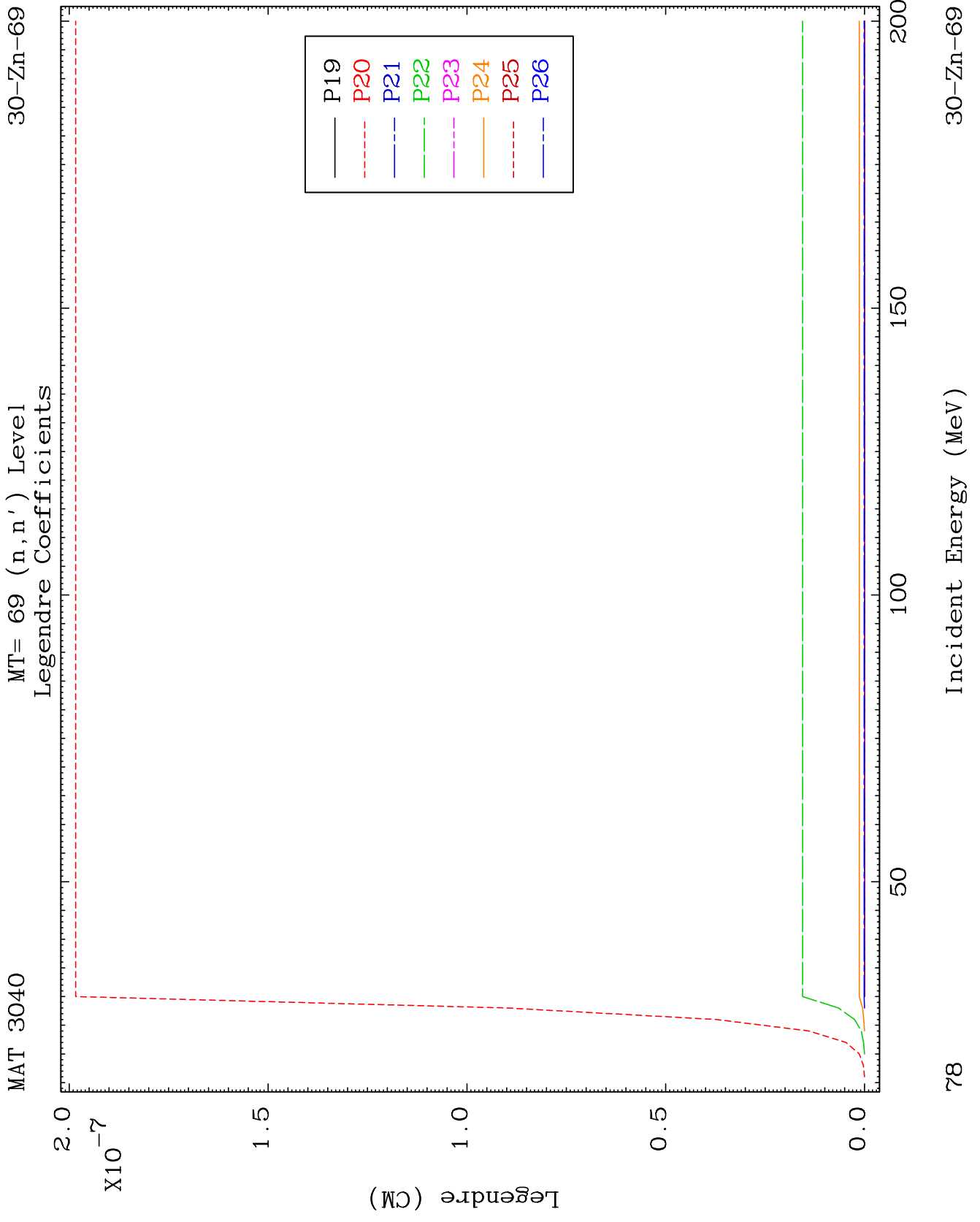


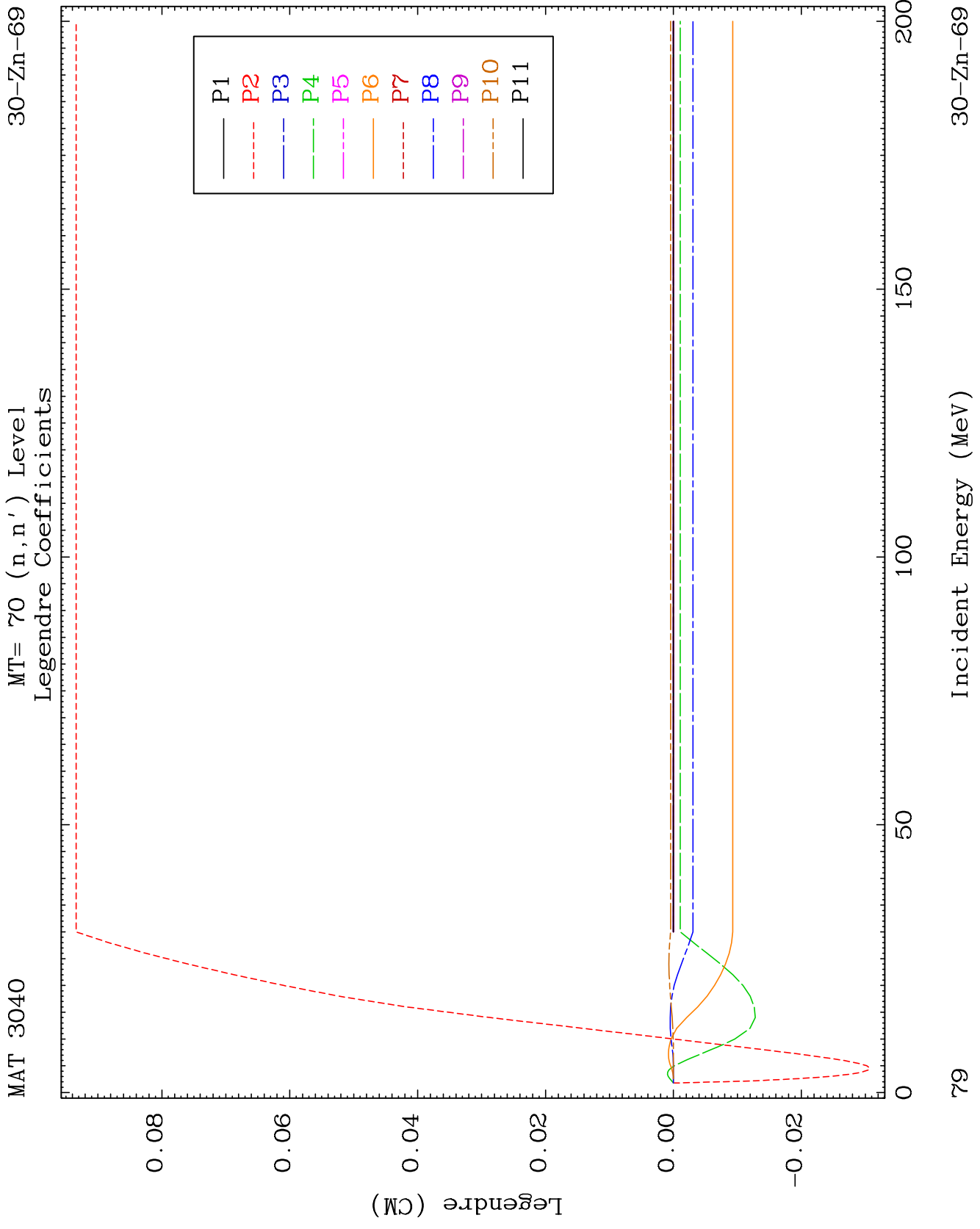








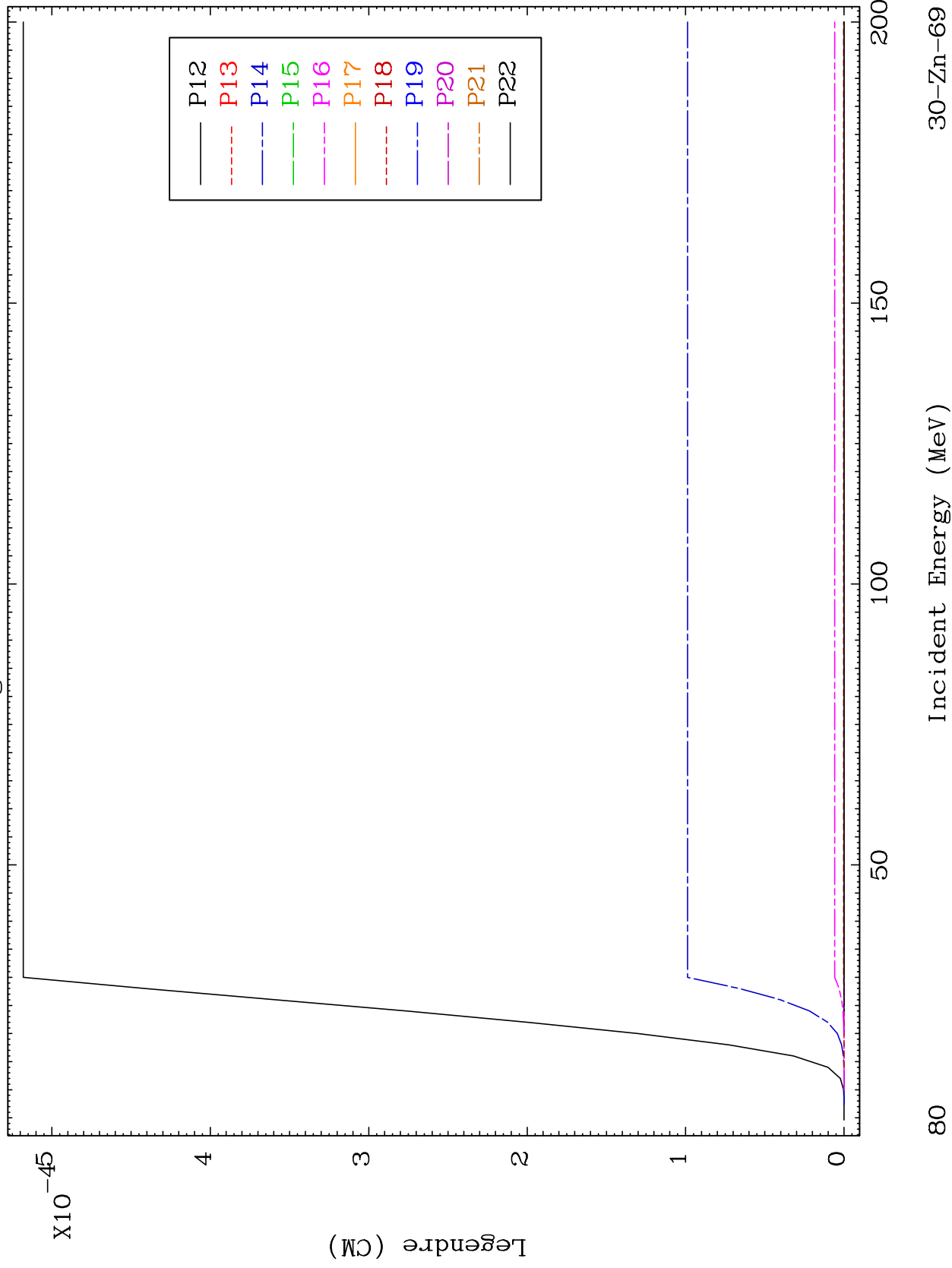




MAT 3040

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

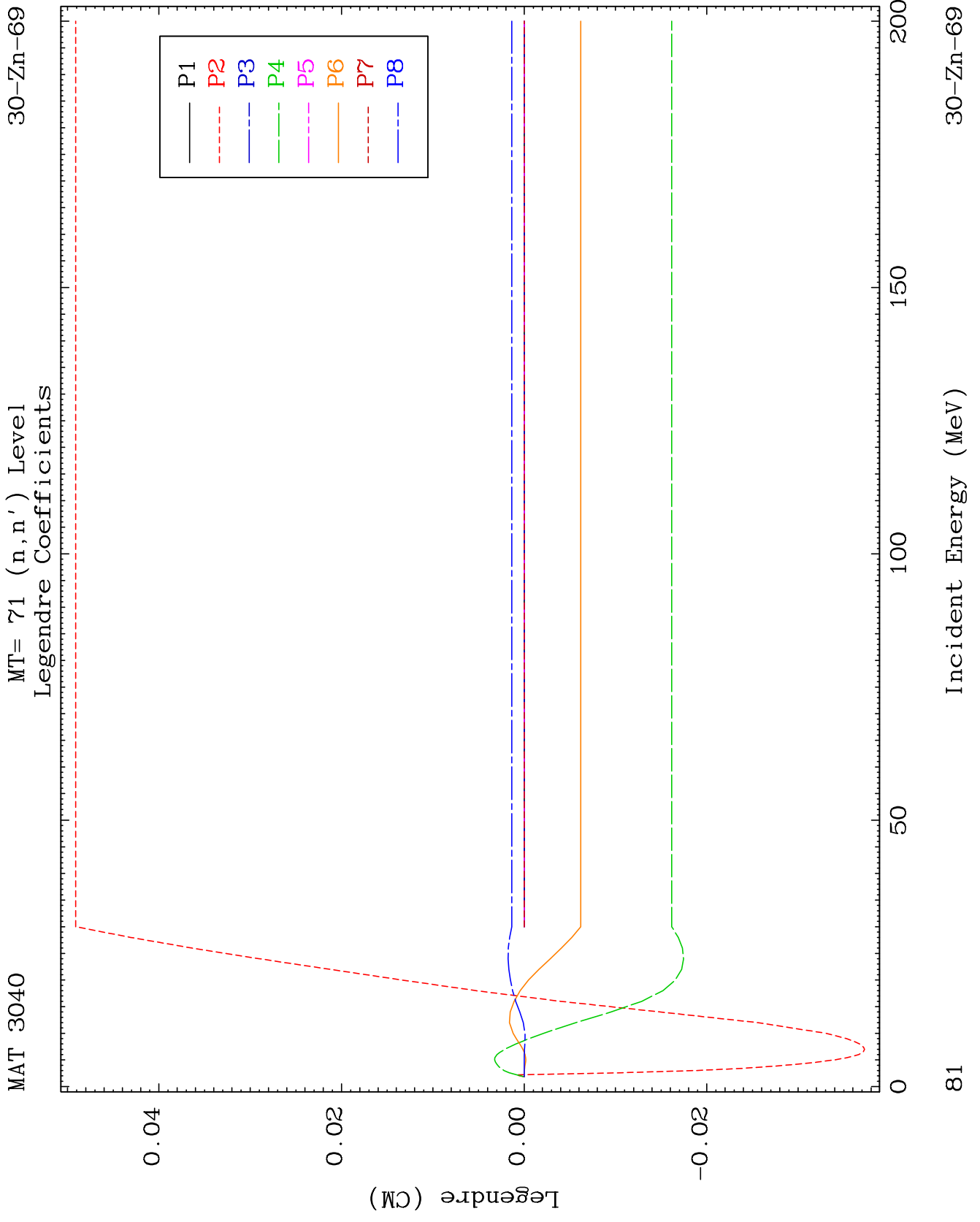
30-Zn-69

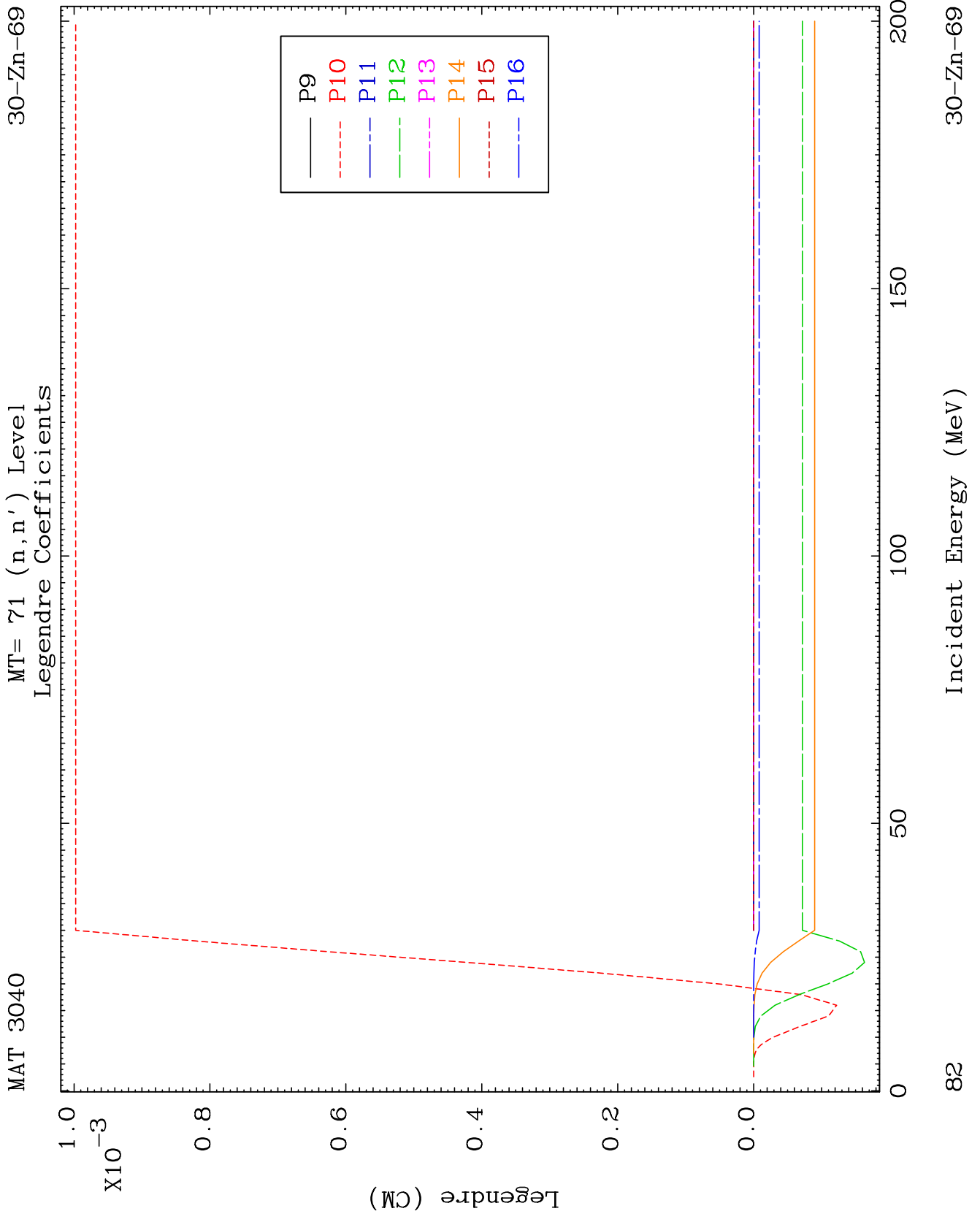


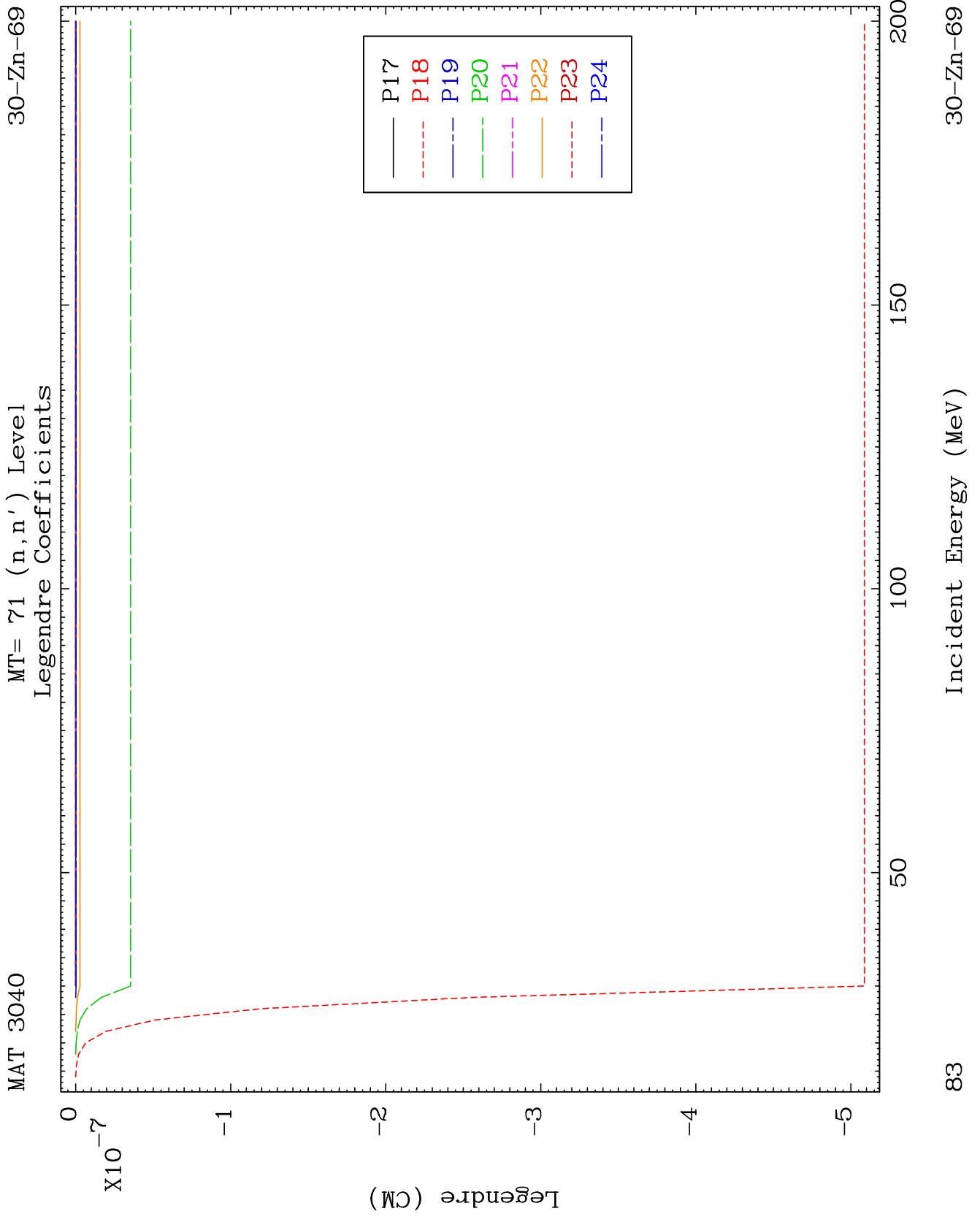
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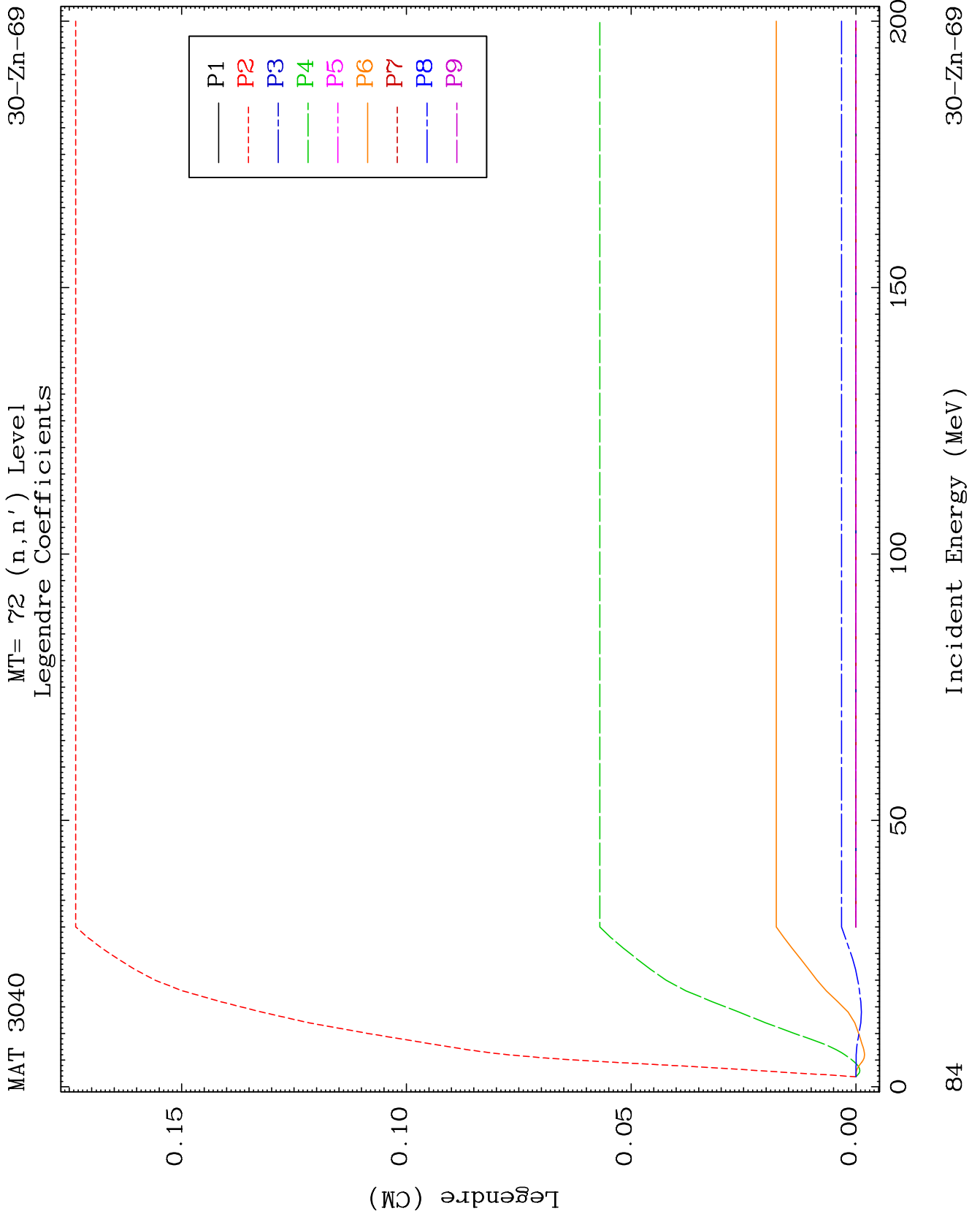
Incident Energy (MeV)

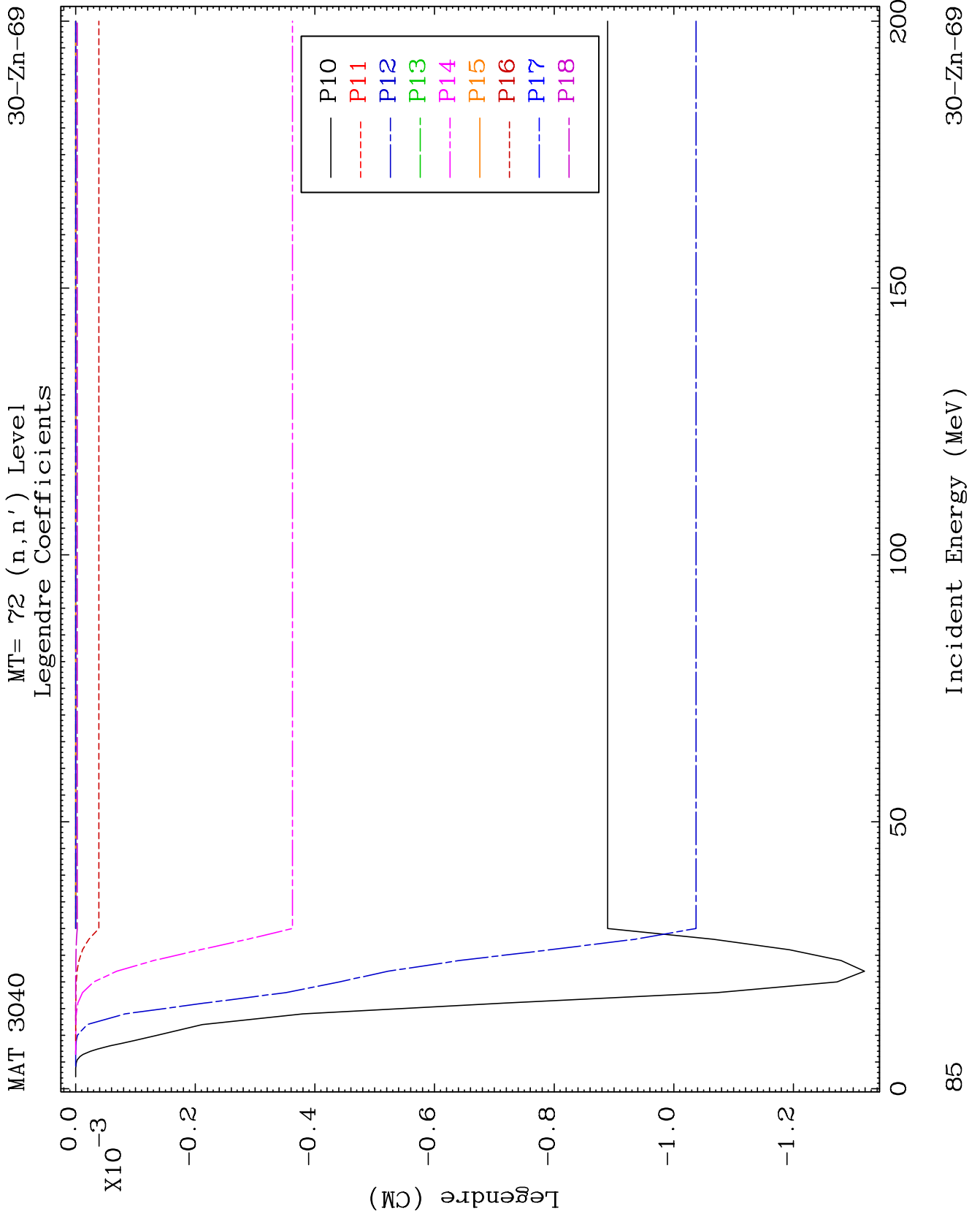
30-Zn-69

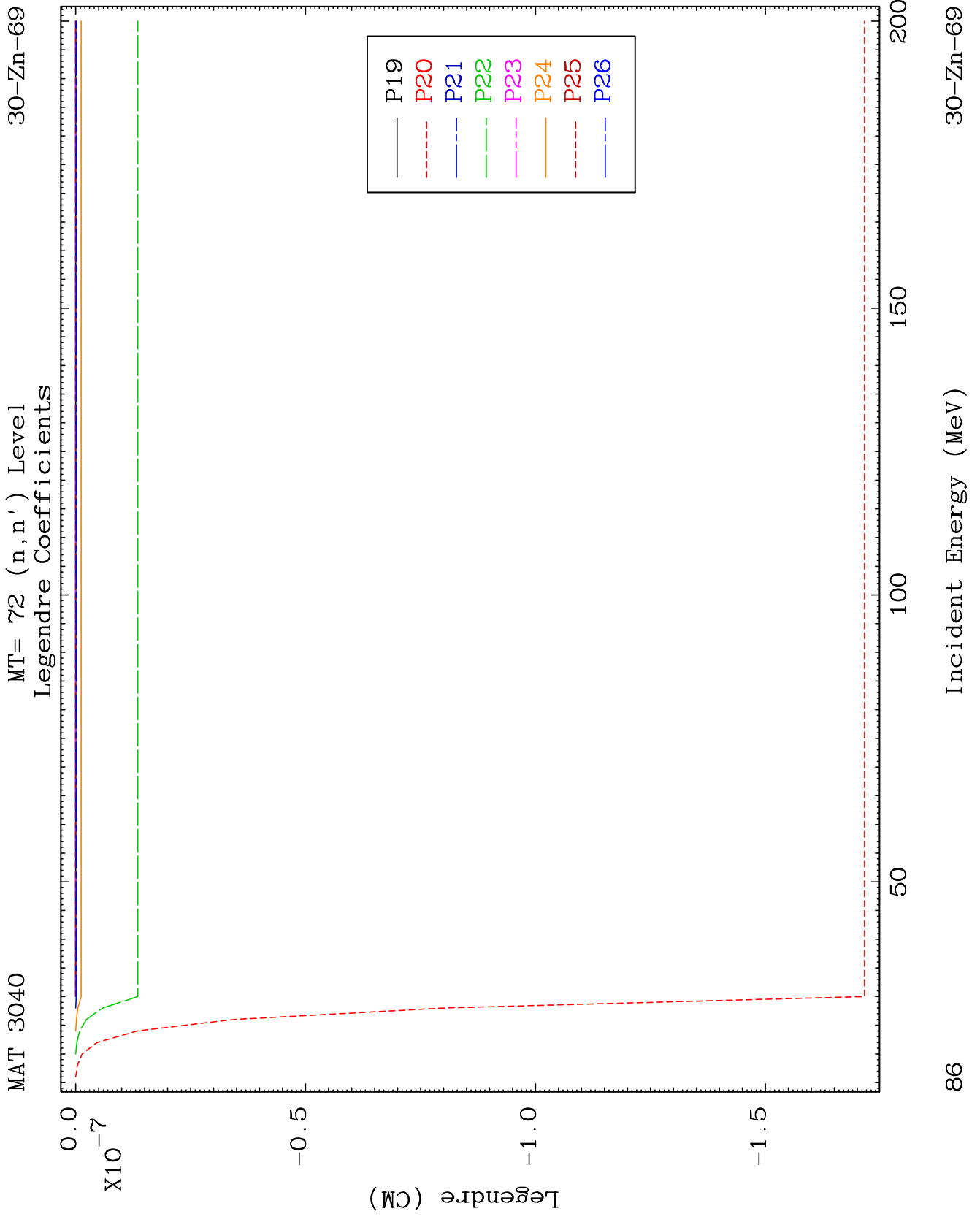








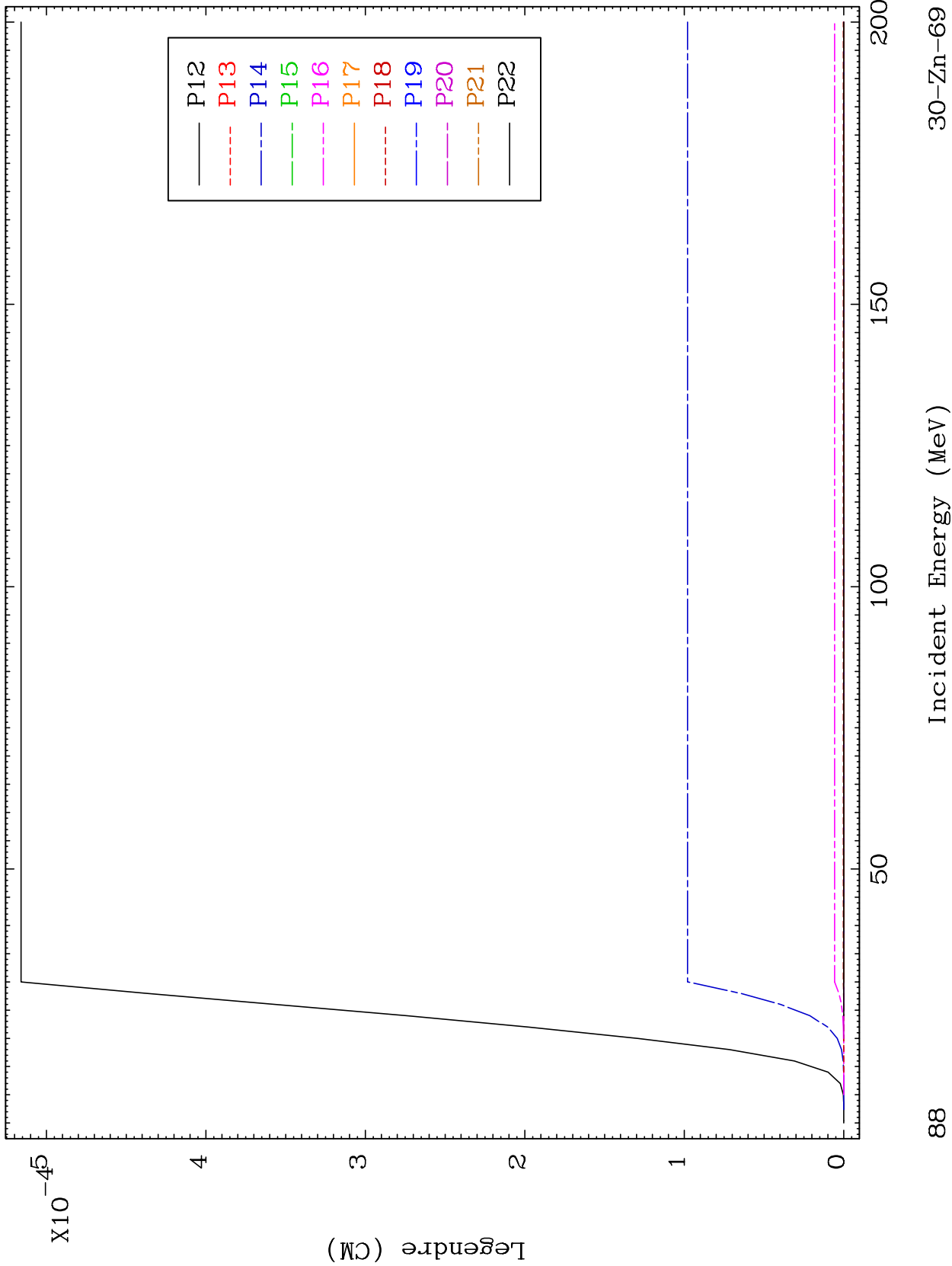




MAT 3040

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

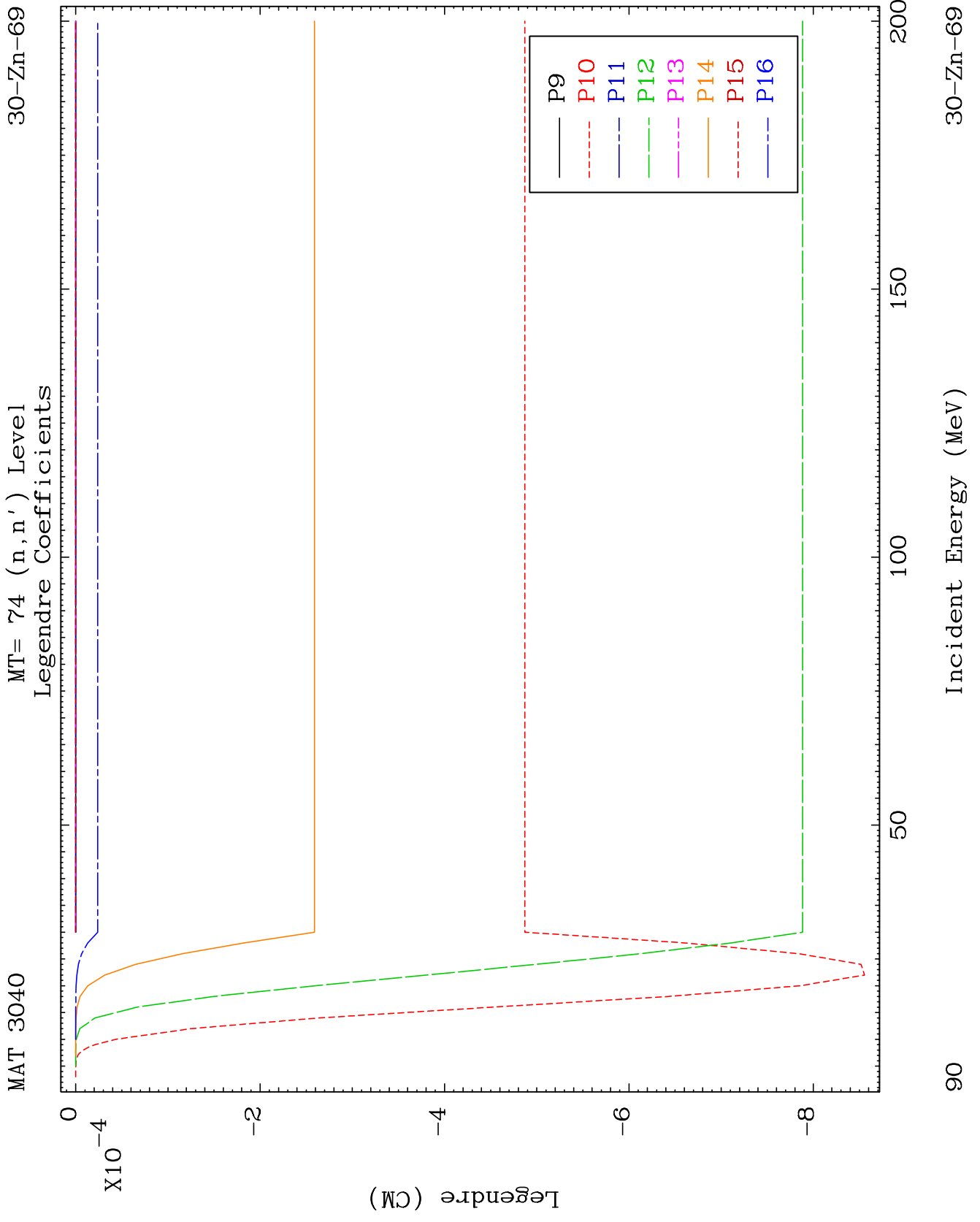
30-Zn-69

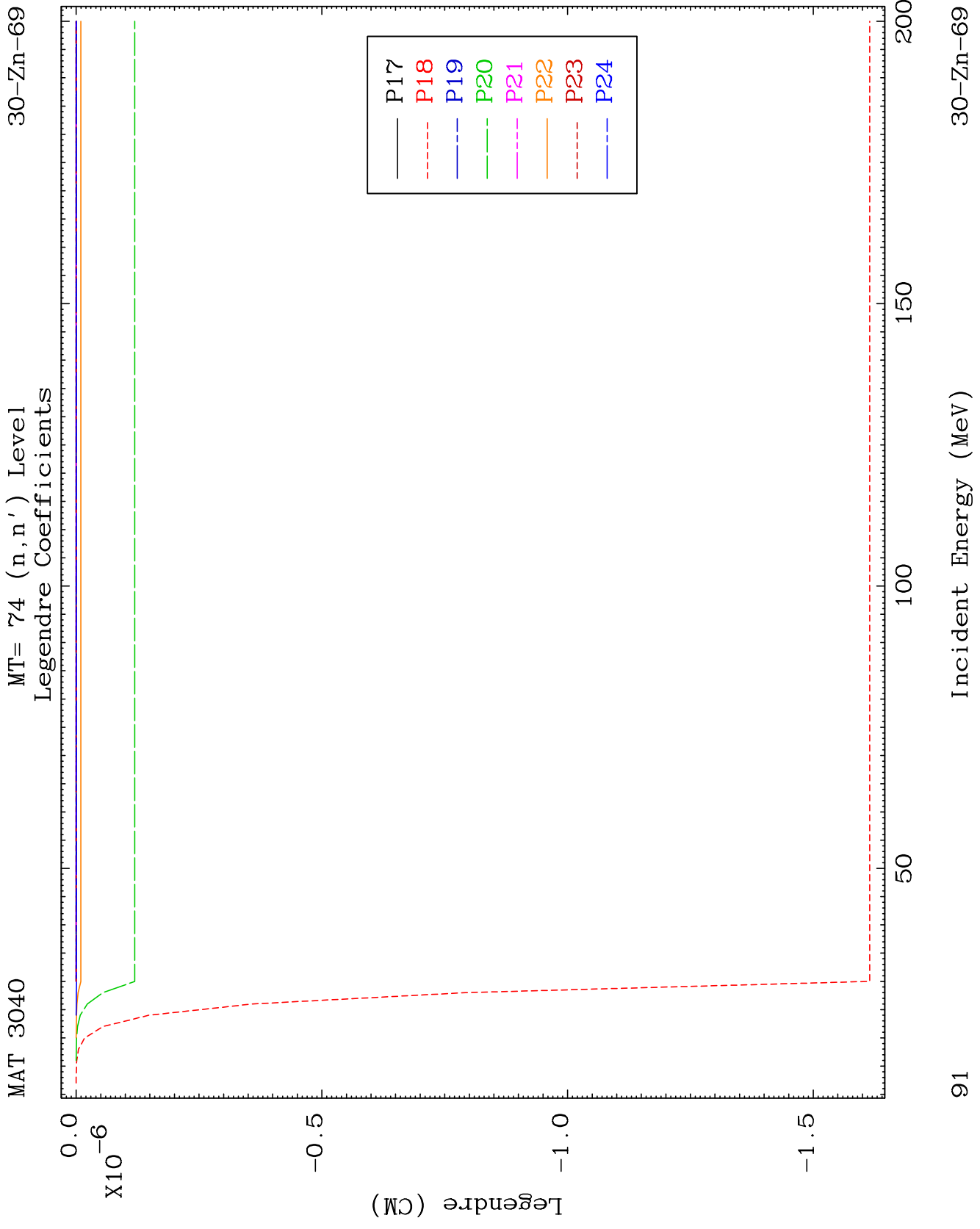


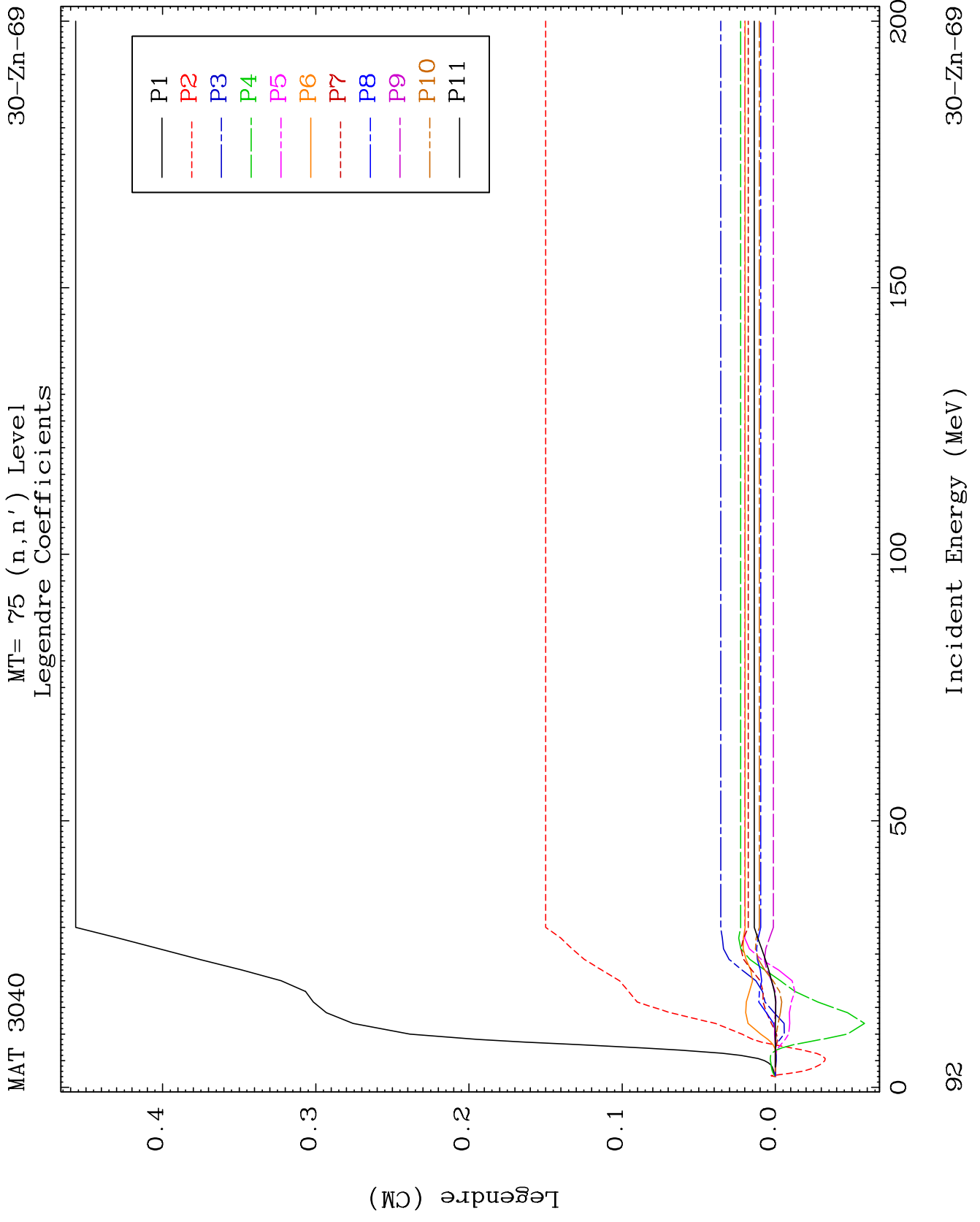
88

Incident Energy (MeV)

30-Zn-69



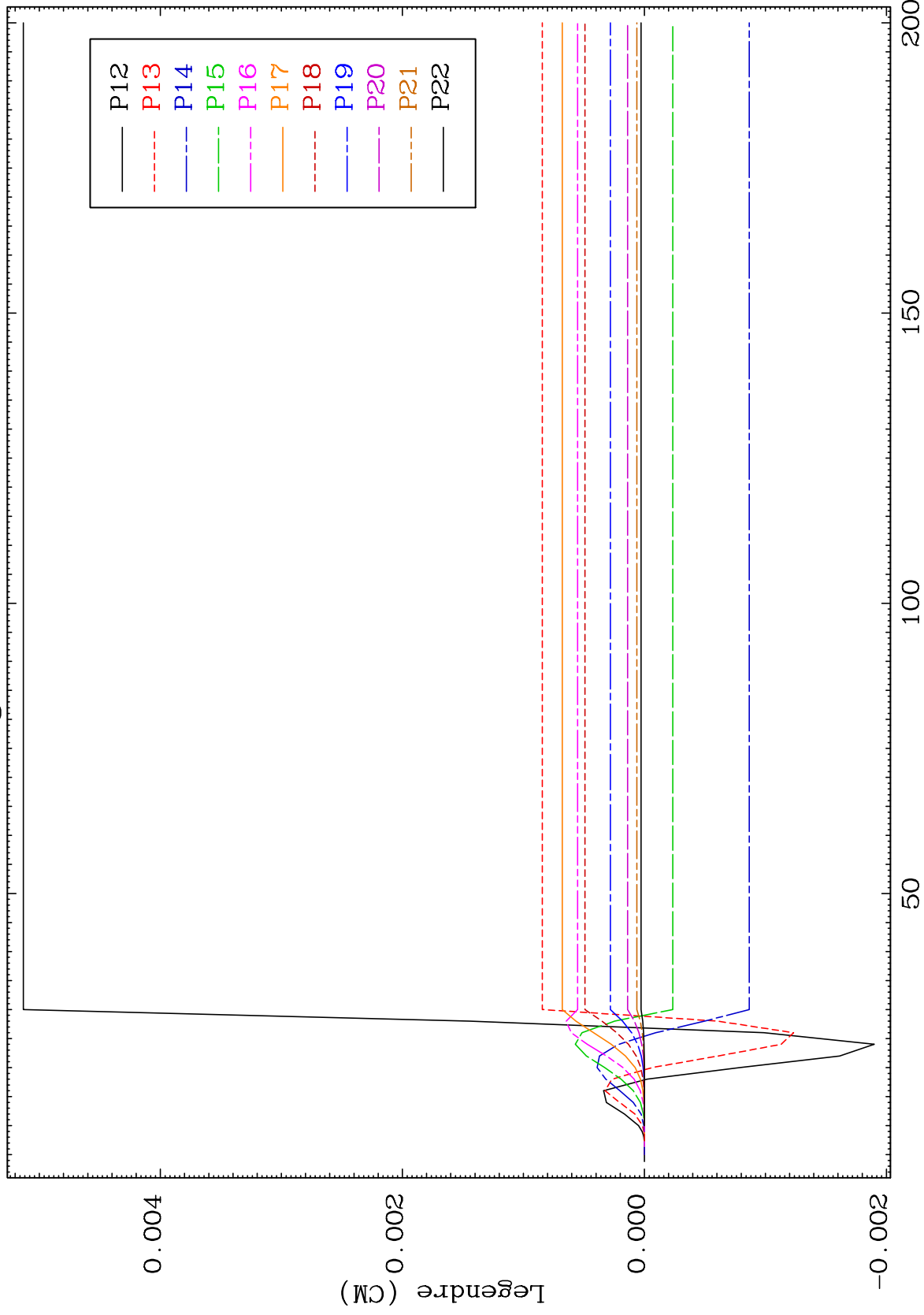




MAT 3040

MT= 75 (n,n') Level
Legendre Coefficients

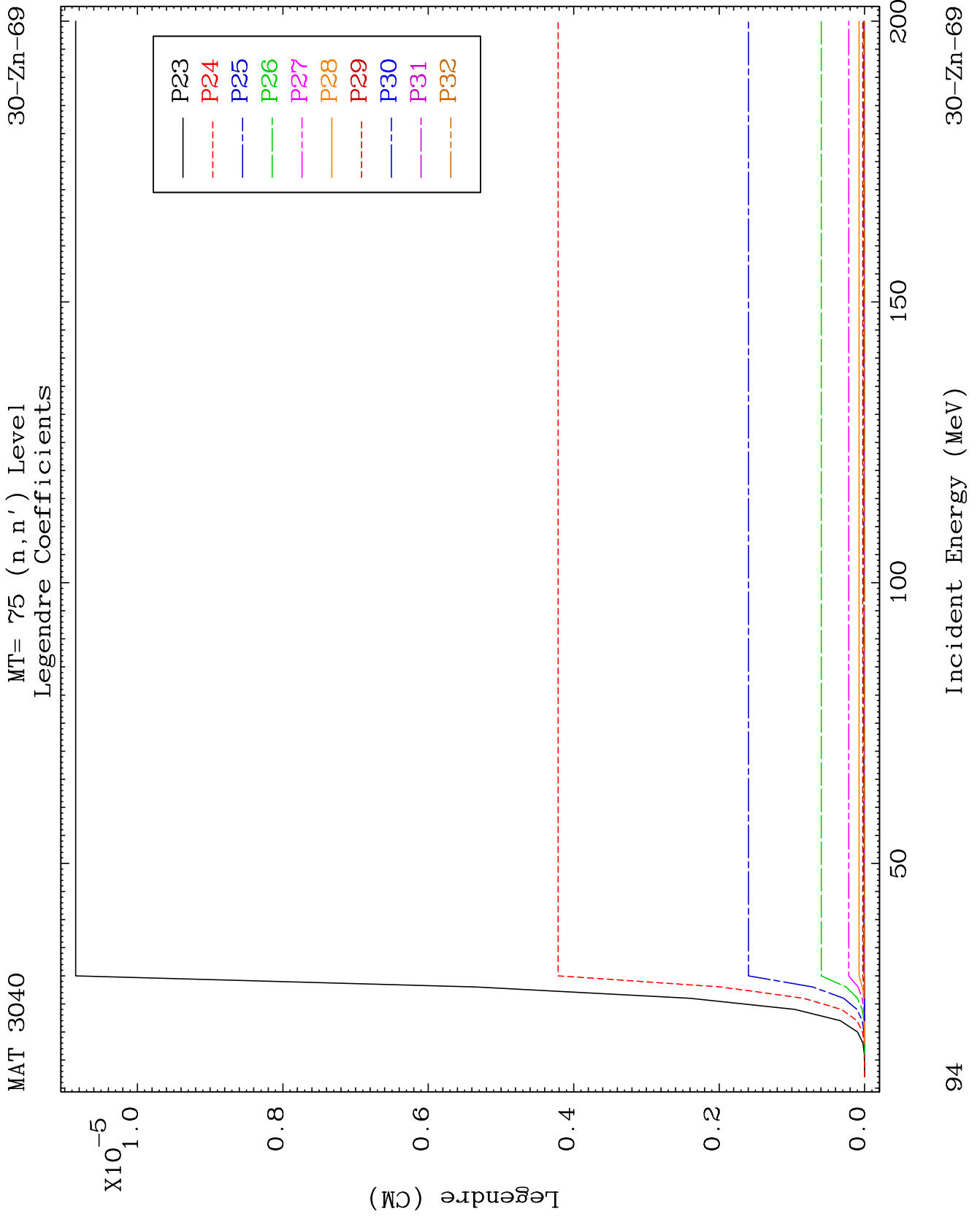
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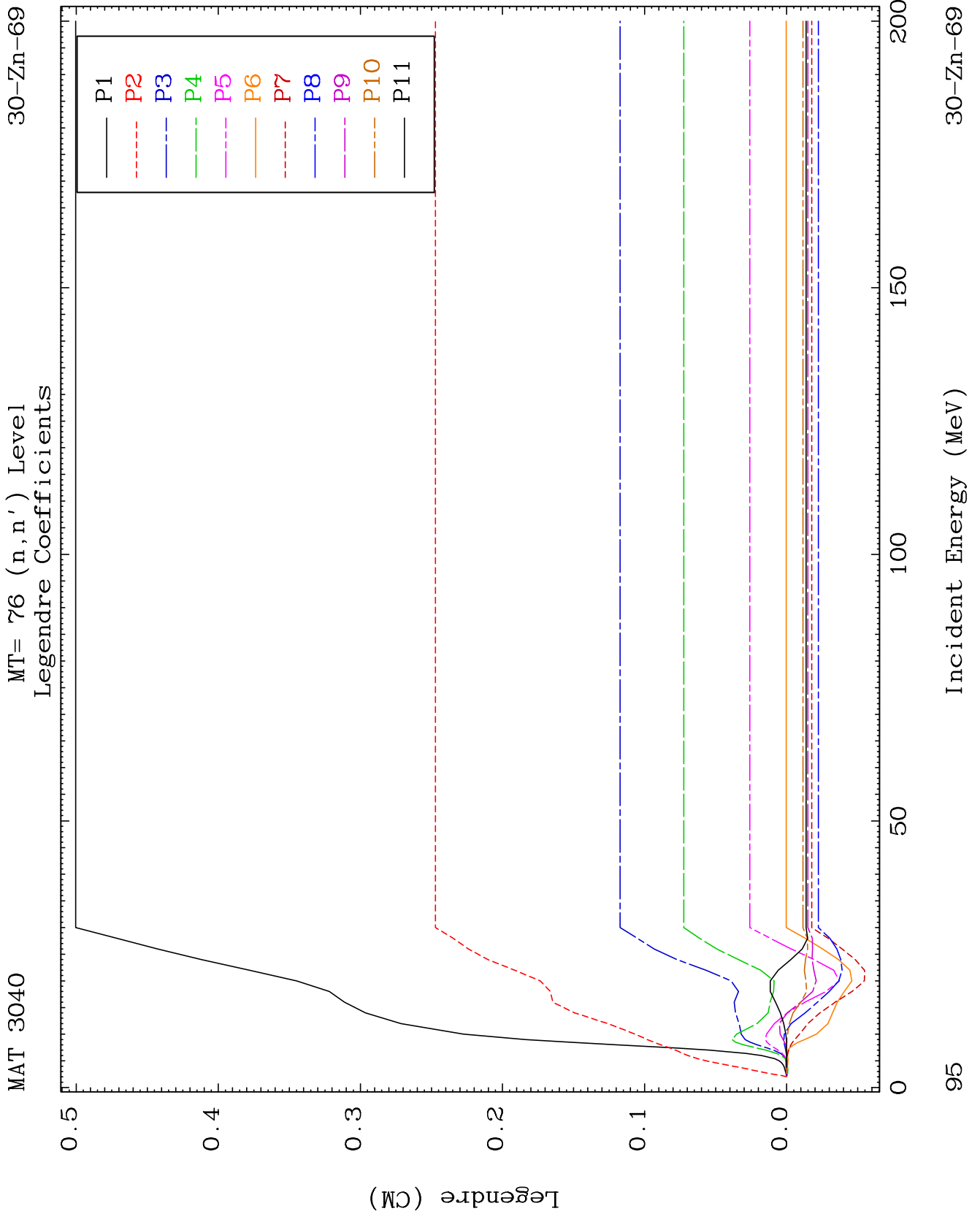


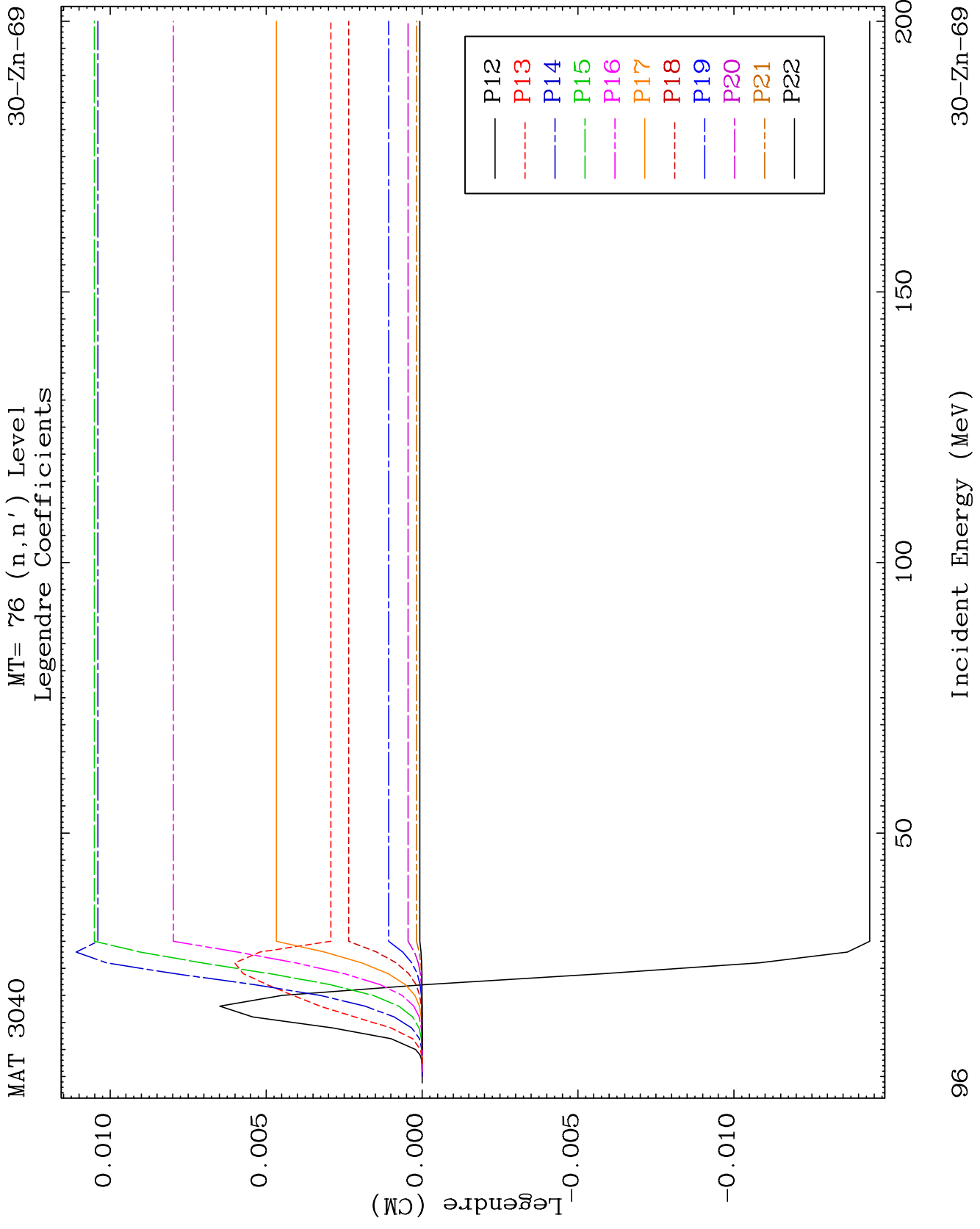
93

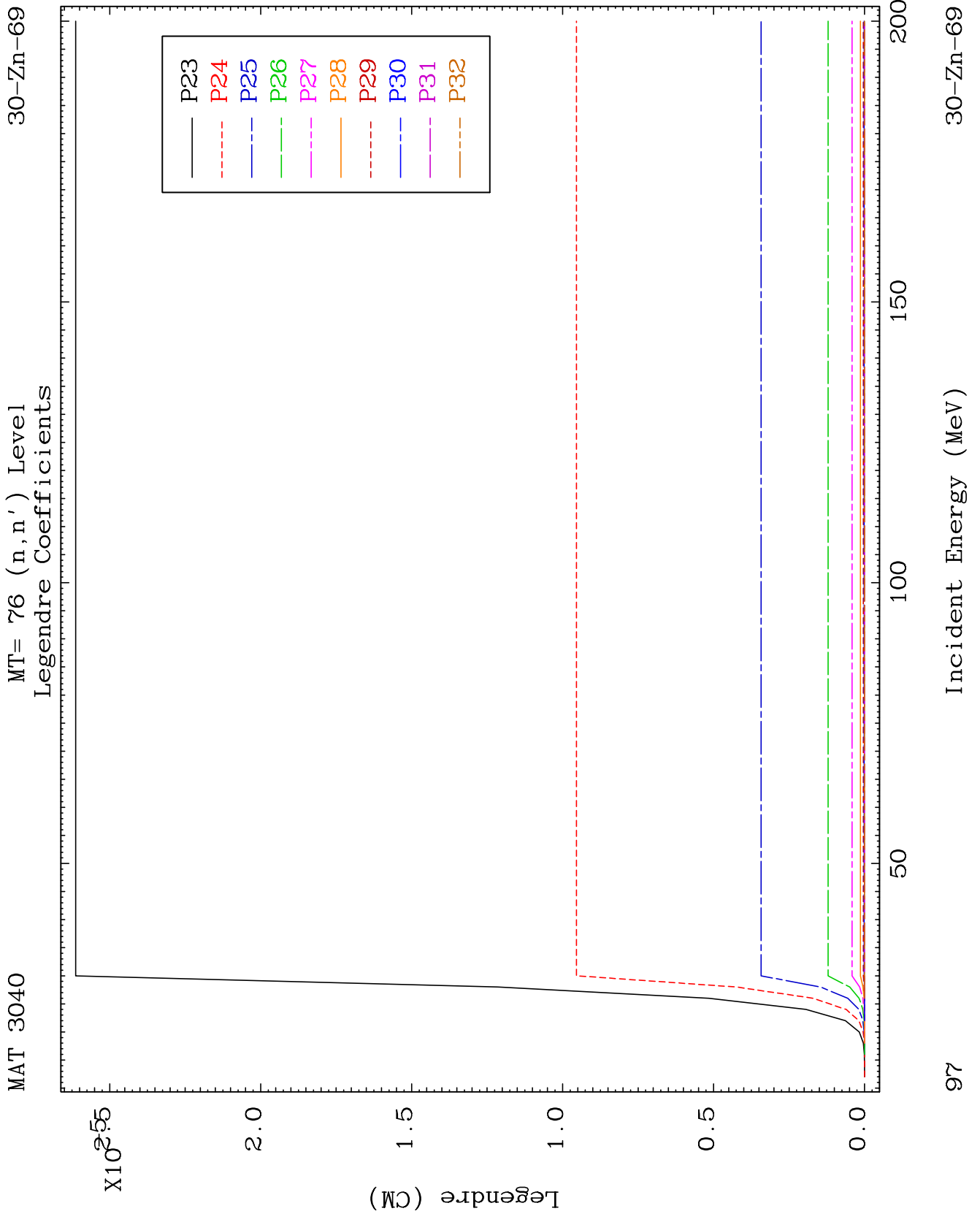
Incident Energy (MeV)

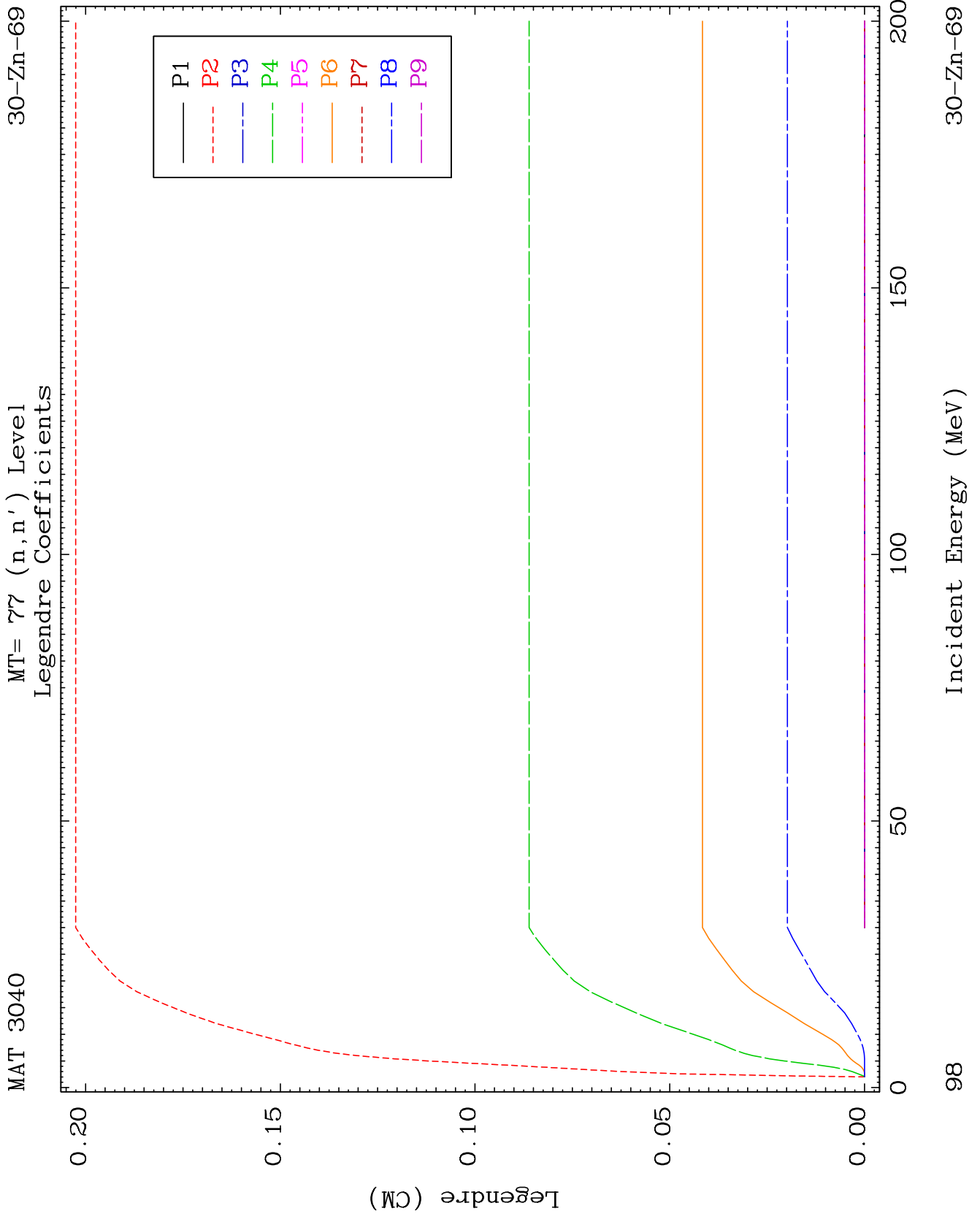
30-Zn-69

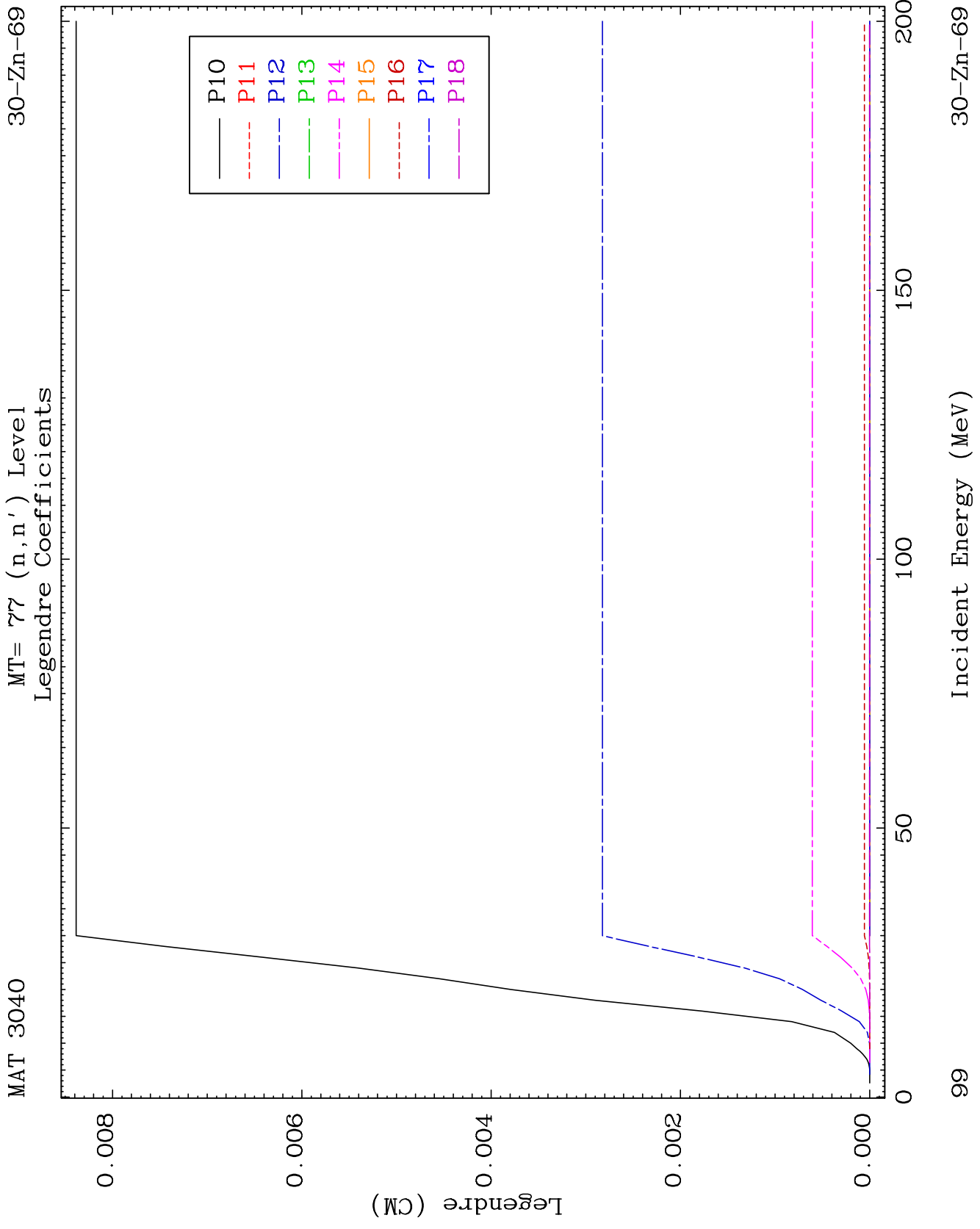


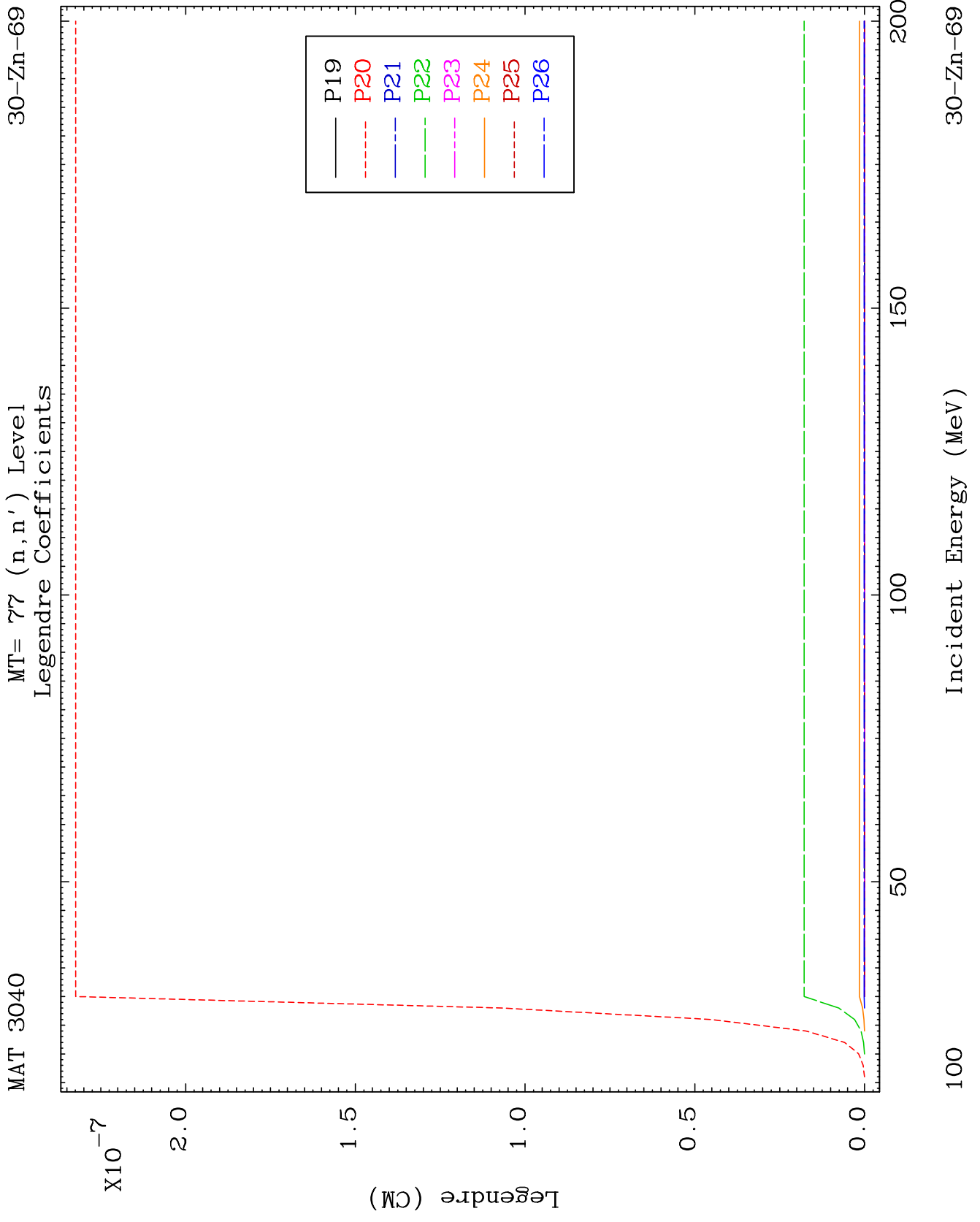


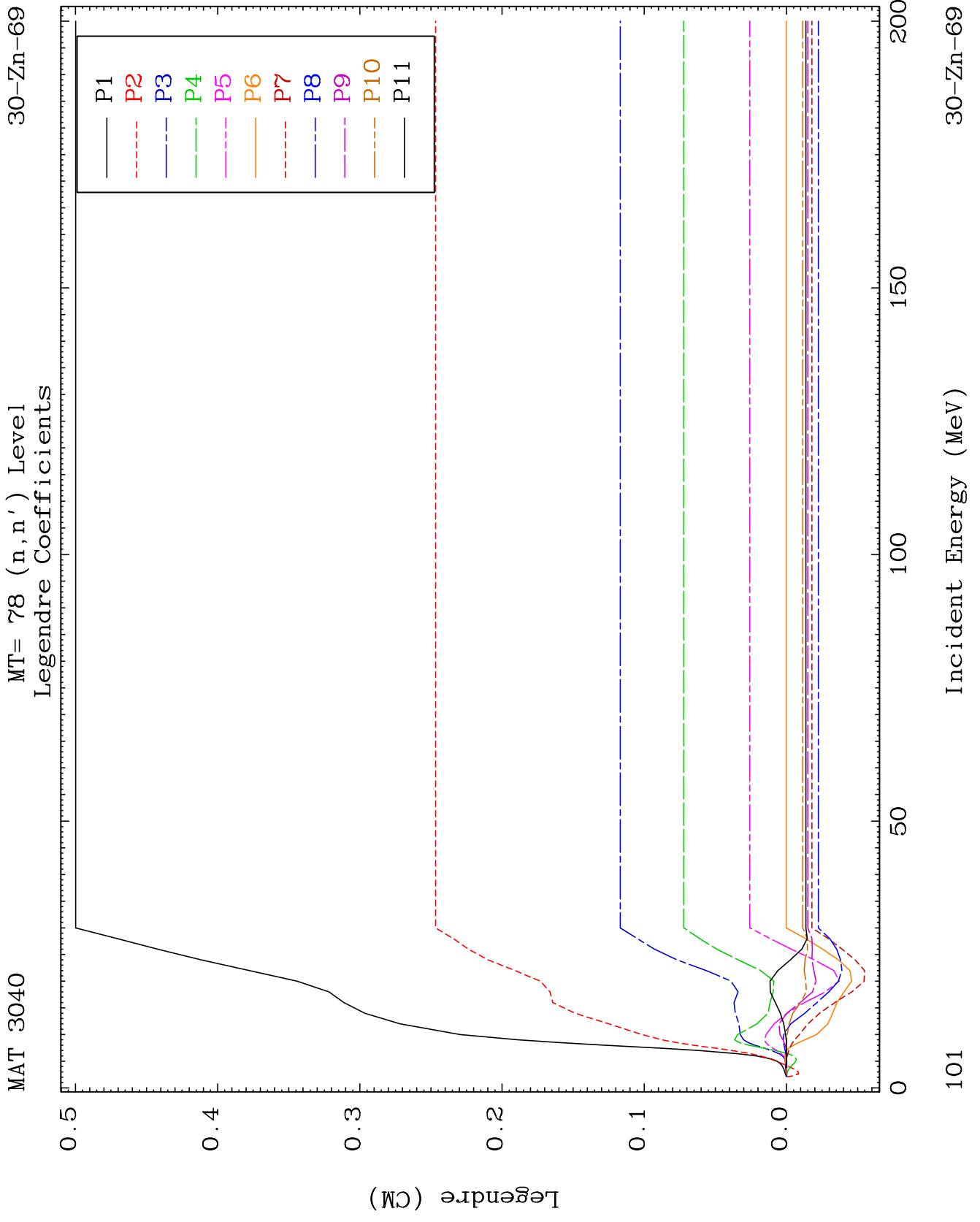


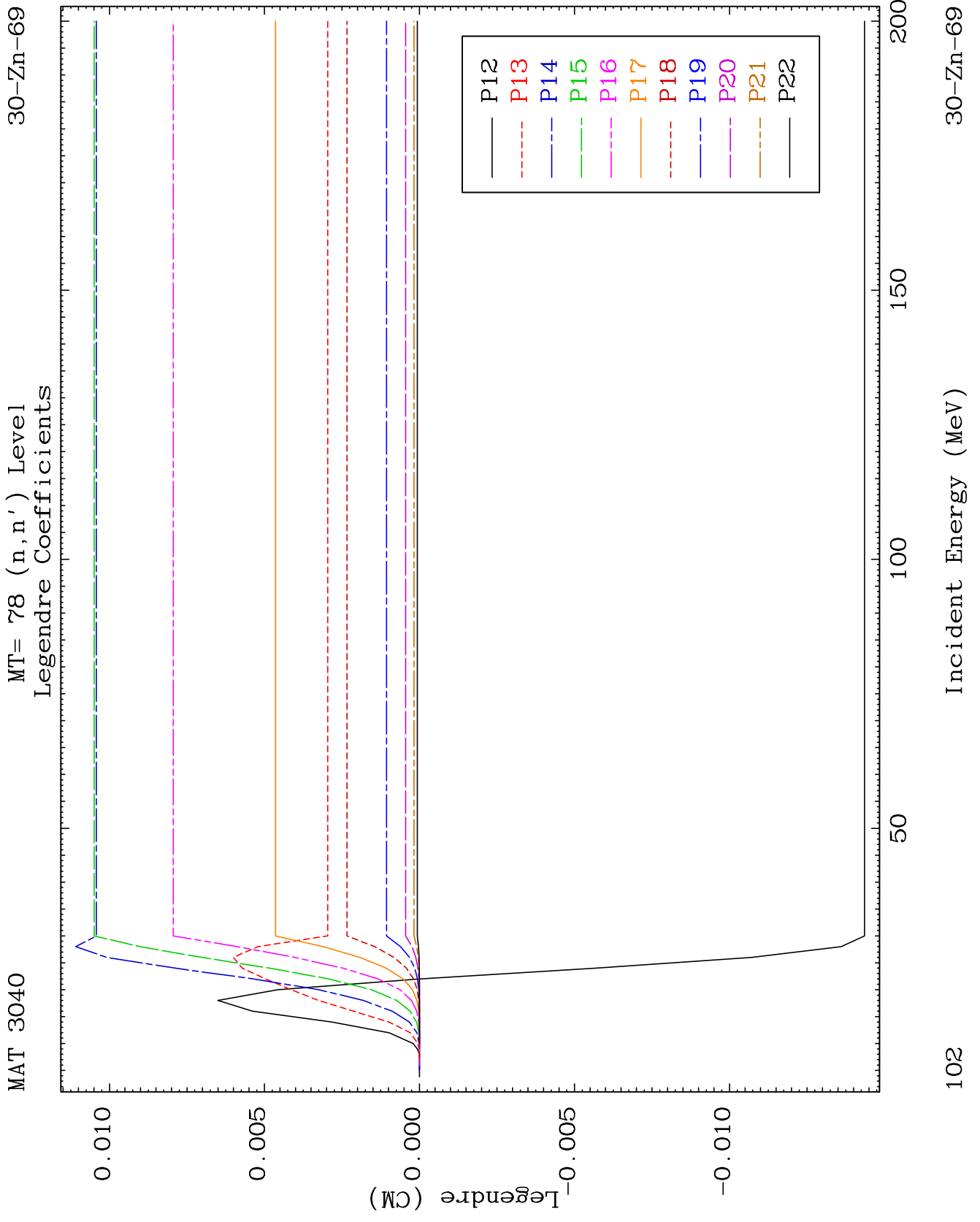








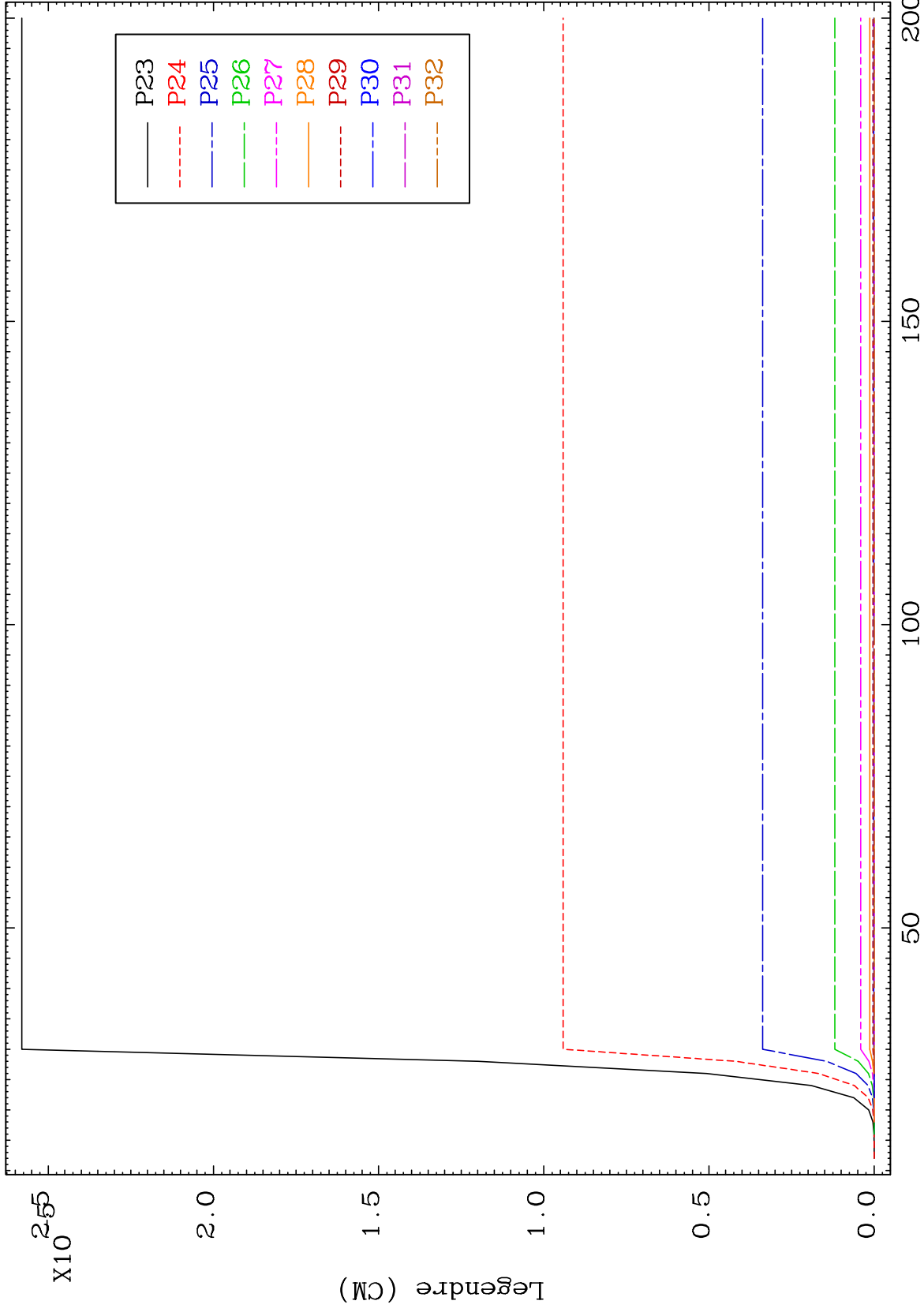




MAT 3040

MT= 78 (n,n') Level
Legendre Coefficients

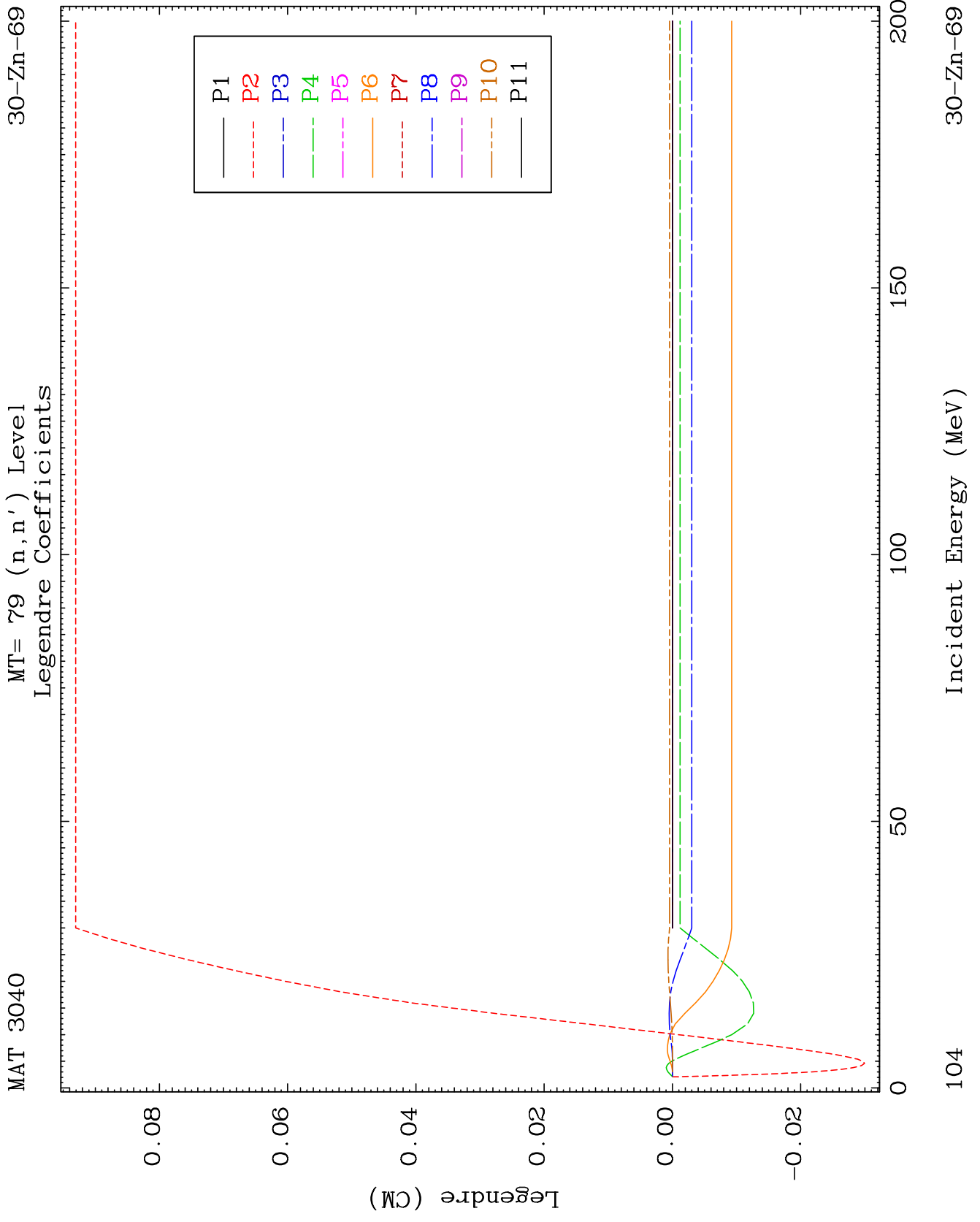
30-Zn-69



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Incident Energy (MeV)

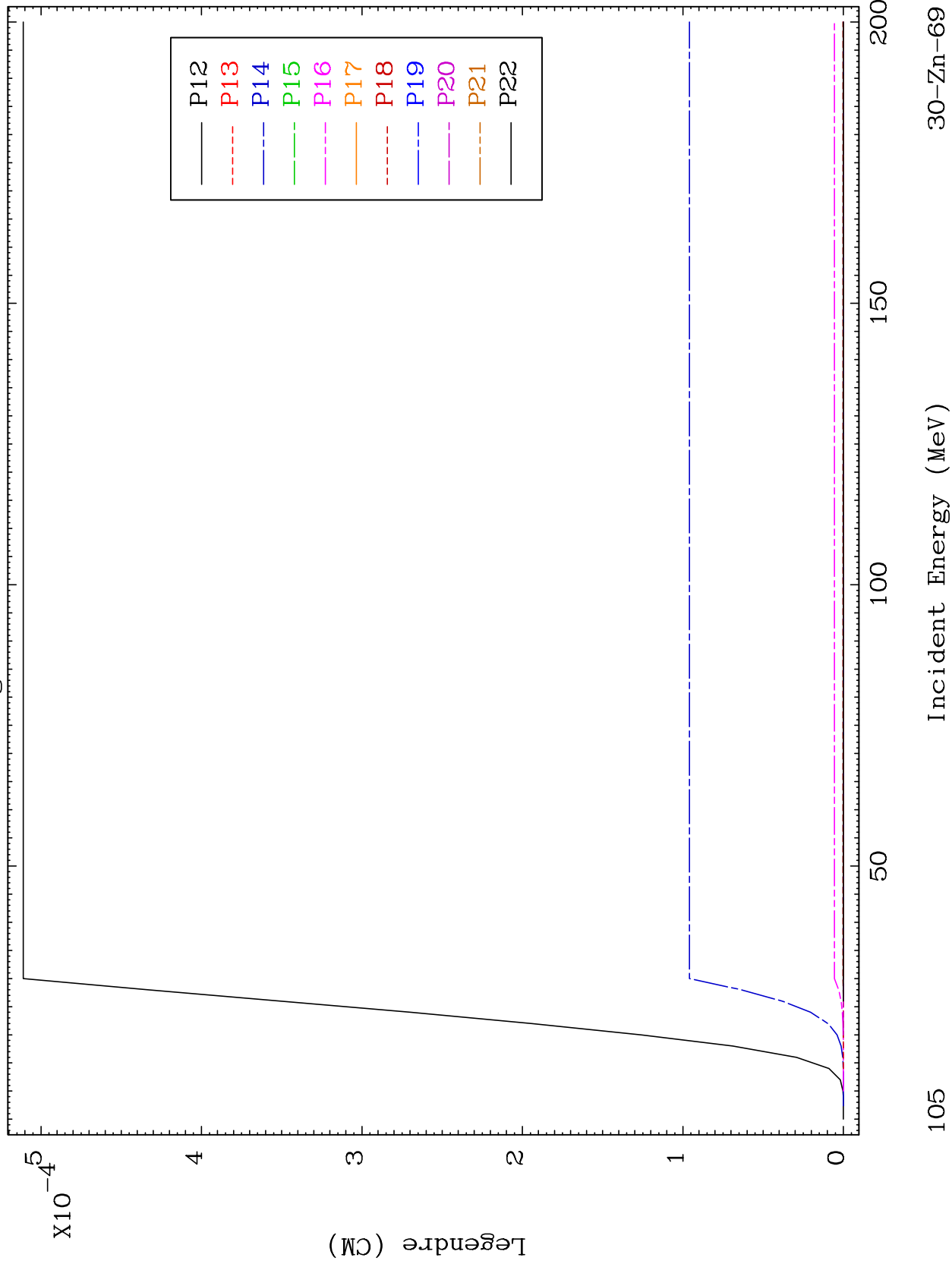
30-Zn-69

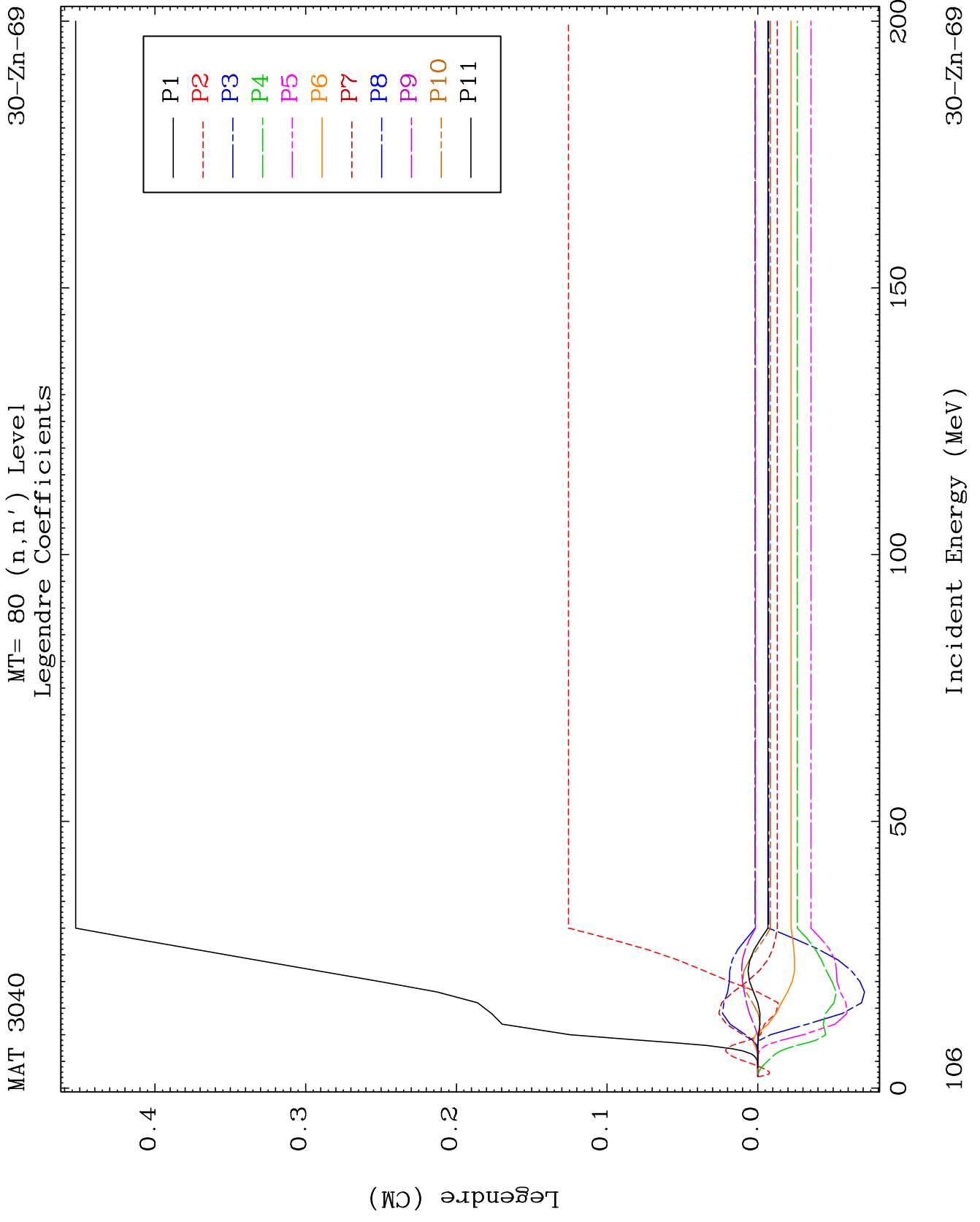


MAT 3040

MT= 79 (n,n') Level
Legendre Coefficients

30-Zn-69

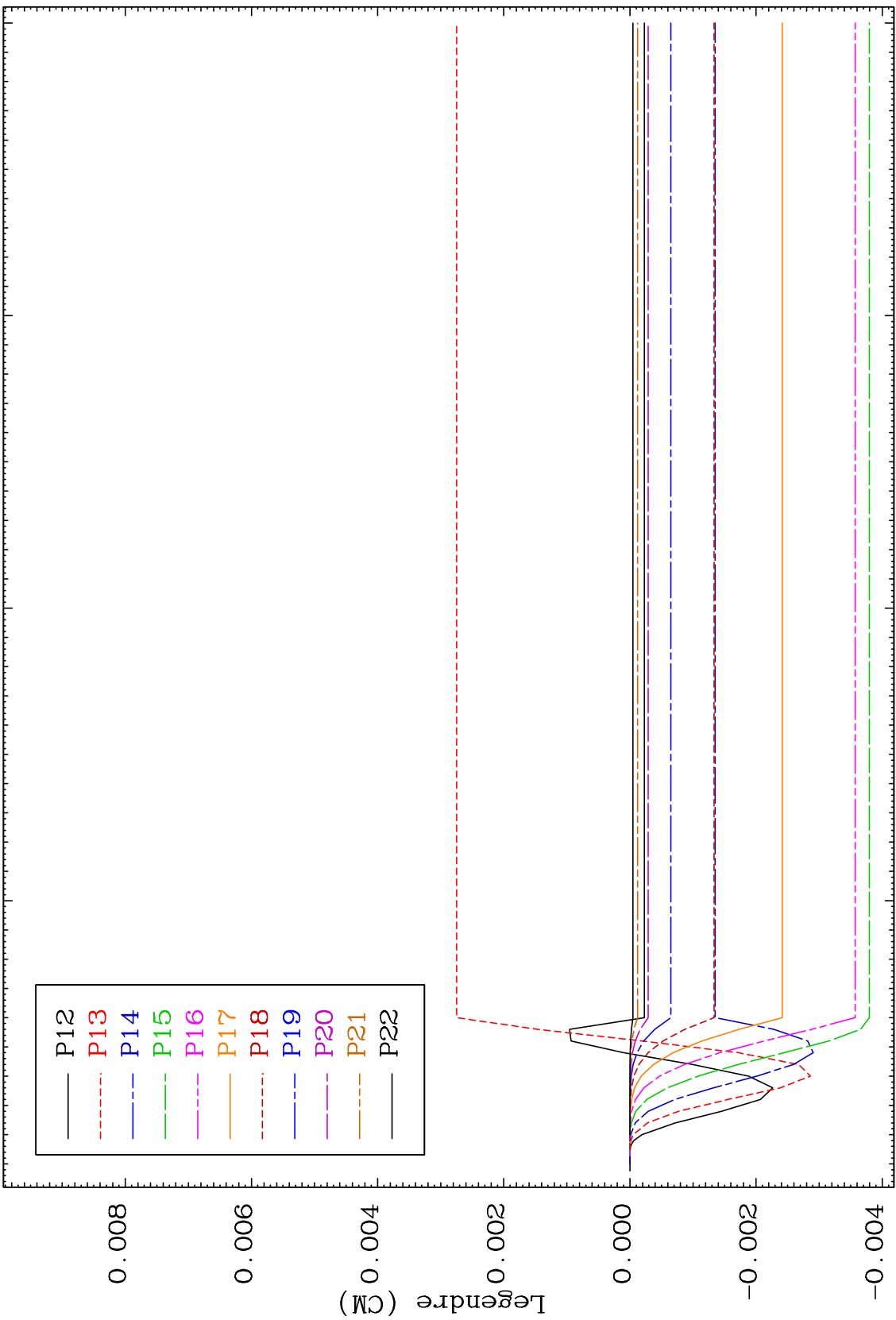




MAT 3040

MT= 80 (n,n') Level
Legendre Coefficients

30-Zn-69



200

150

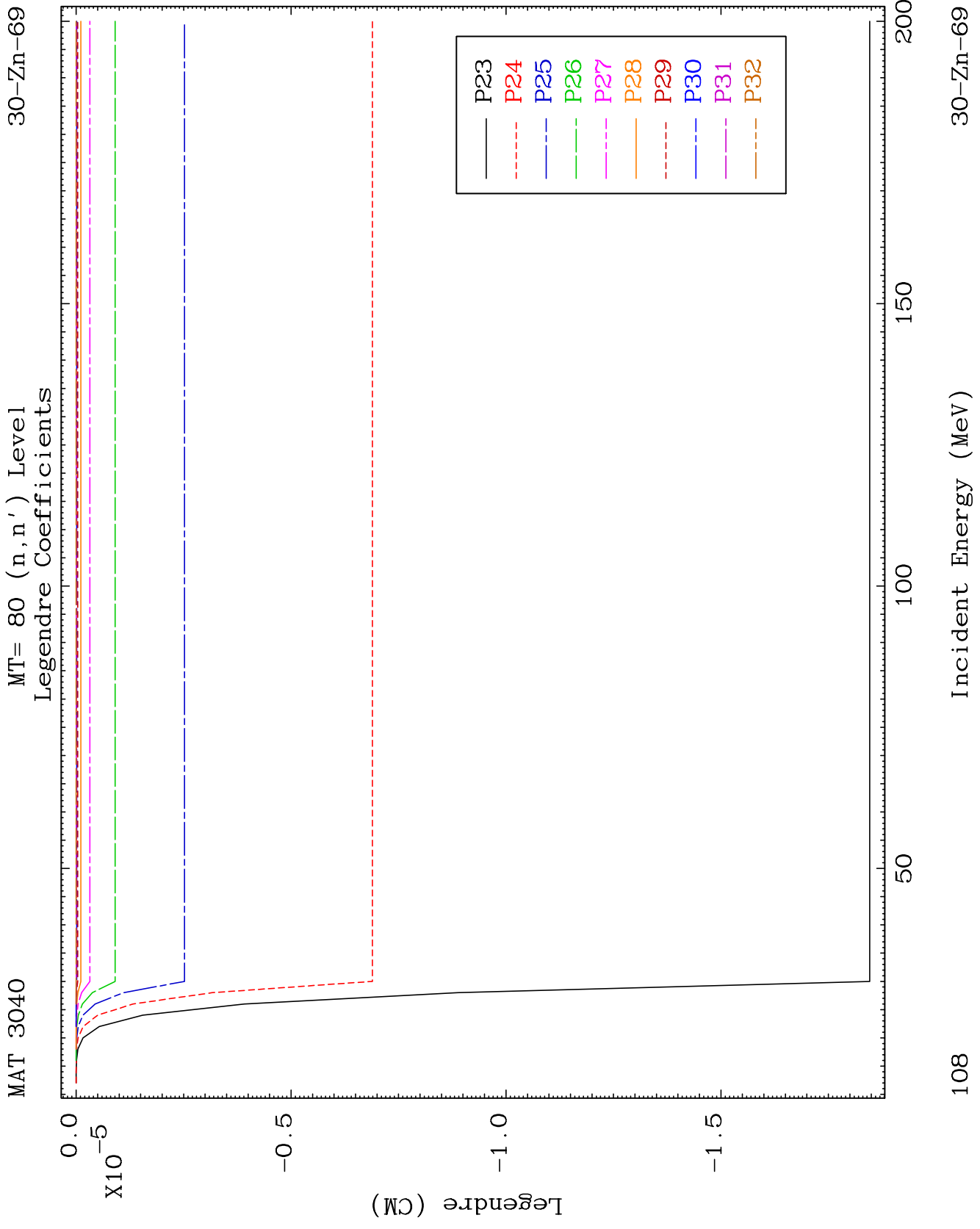
100

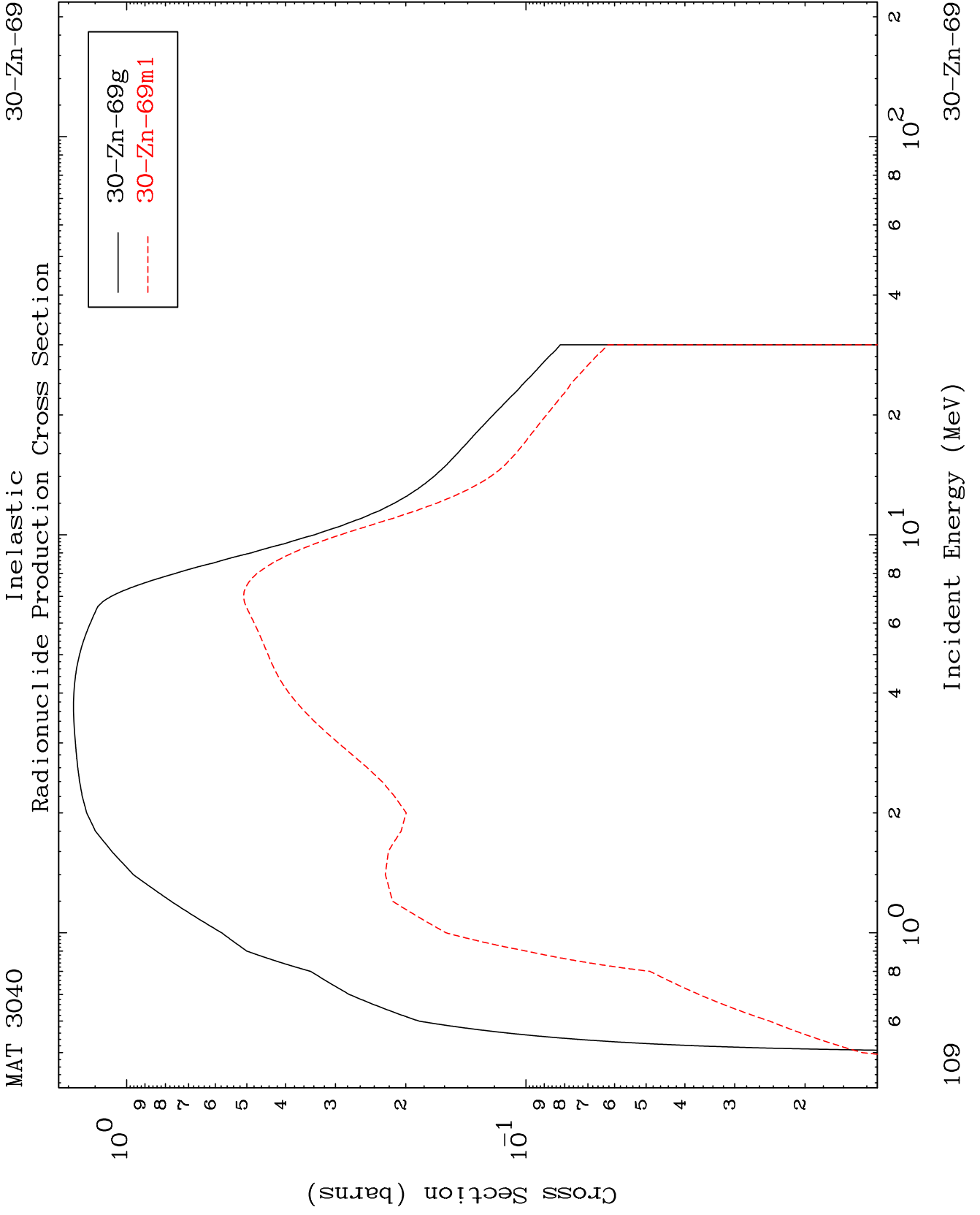
50

Incident Energy (MeV)

30-Zn-69

107



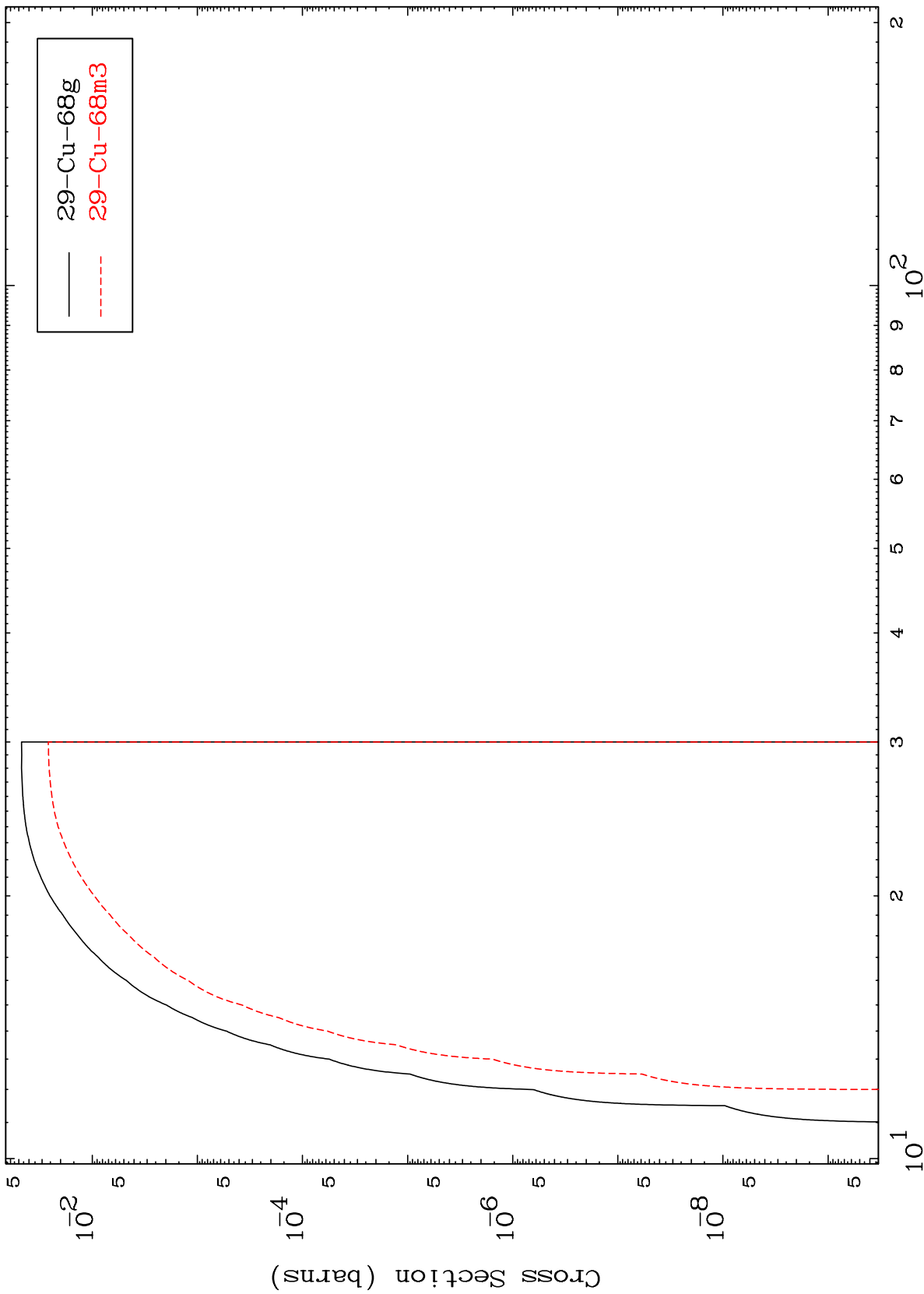


MAT 3040

(n,n') p

30-Zn-69

Radionuclide Production Cross Section



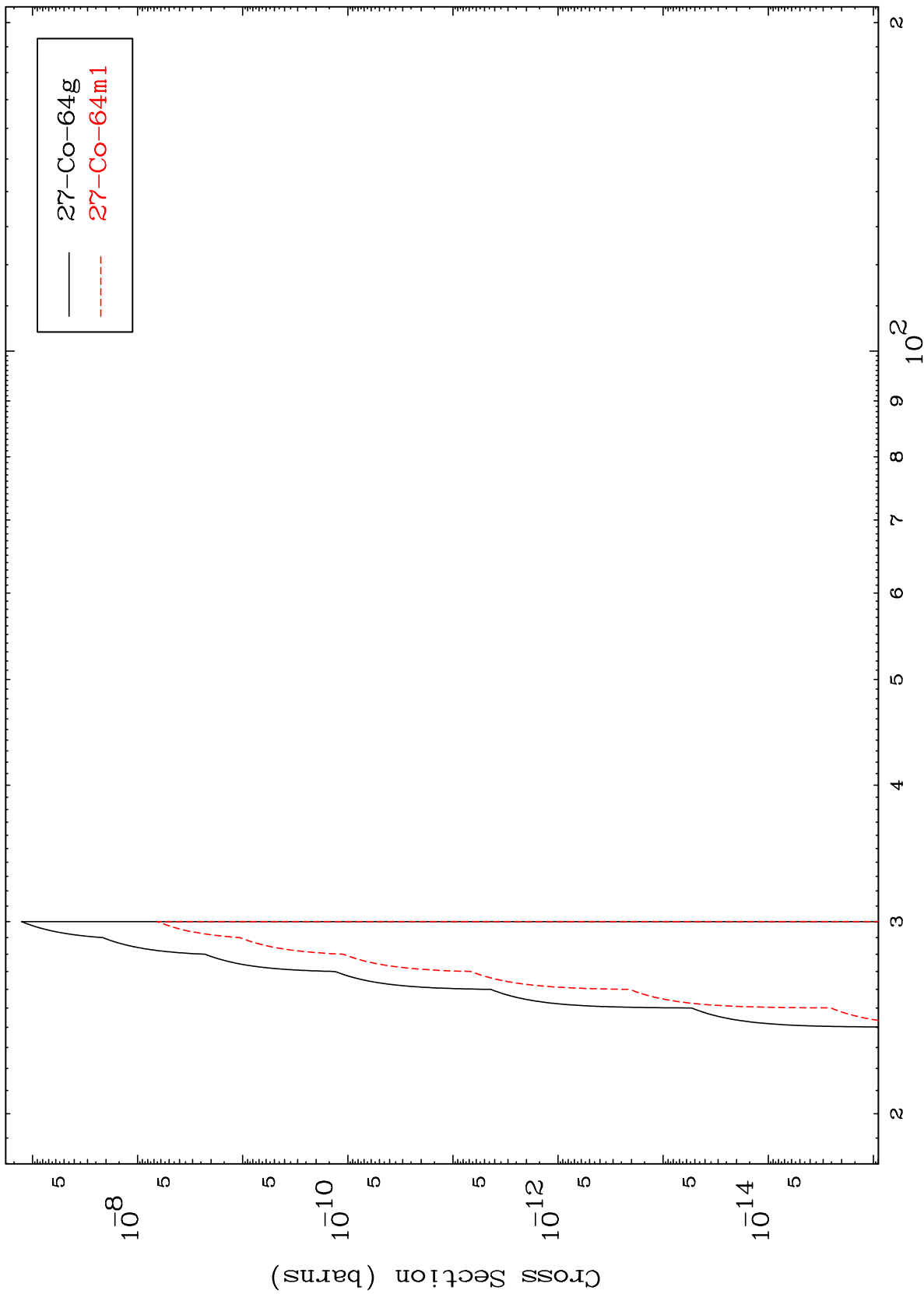
Incident Energy (MeV)

30-Zn-69

MAT 3040

30-Zn-69

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



30-Zn-69

Incident Energy (MeV)

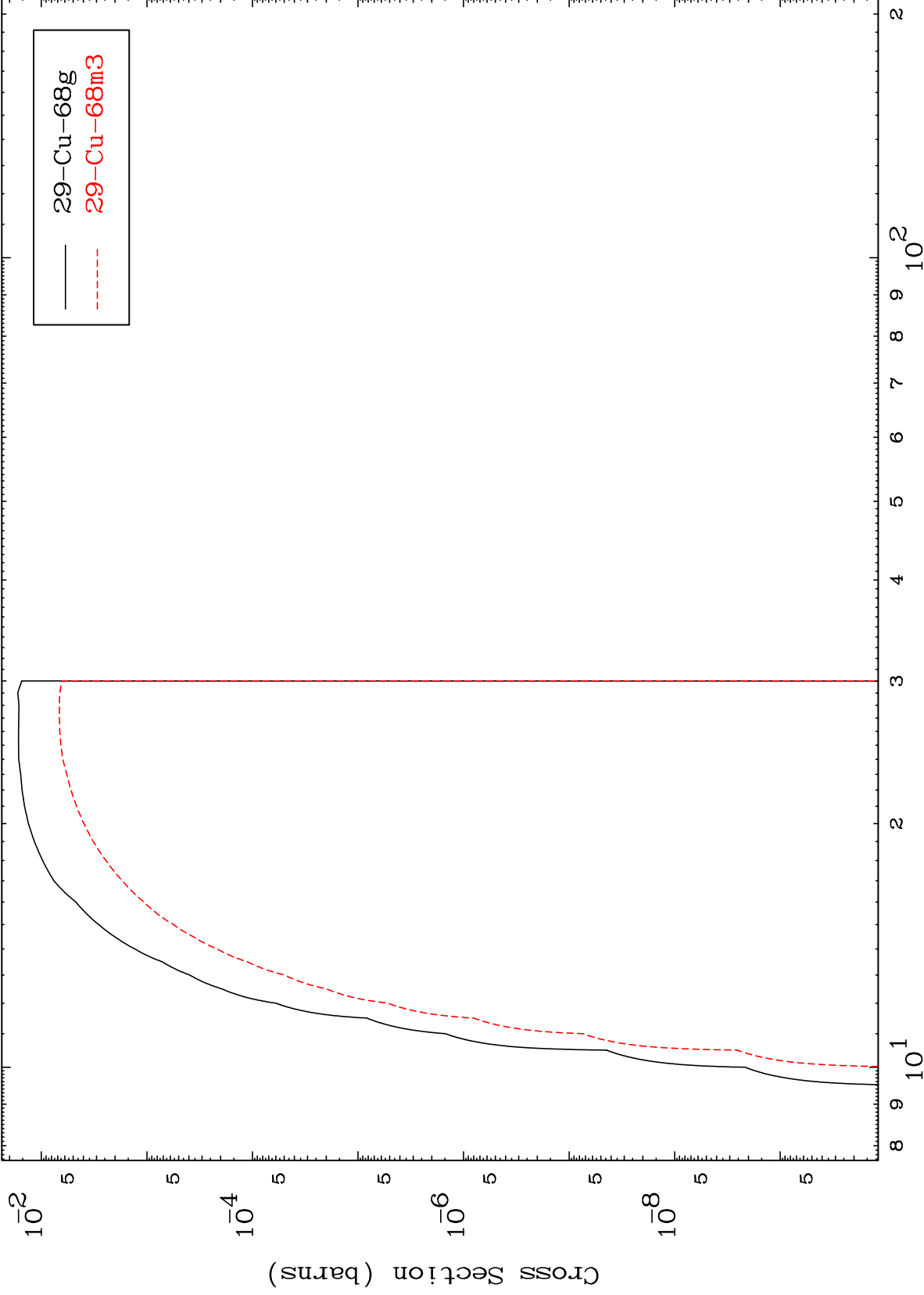
111

MAT 3040

(n,d)

30-Zn-69

Radionuclide Production Cross Section



112

Incident Energy (MeV)

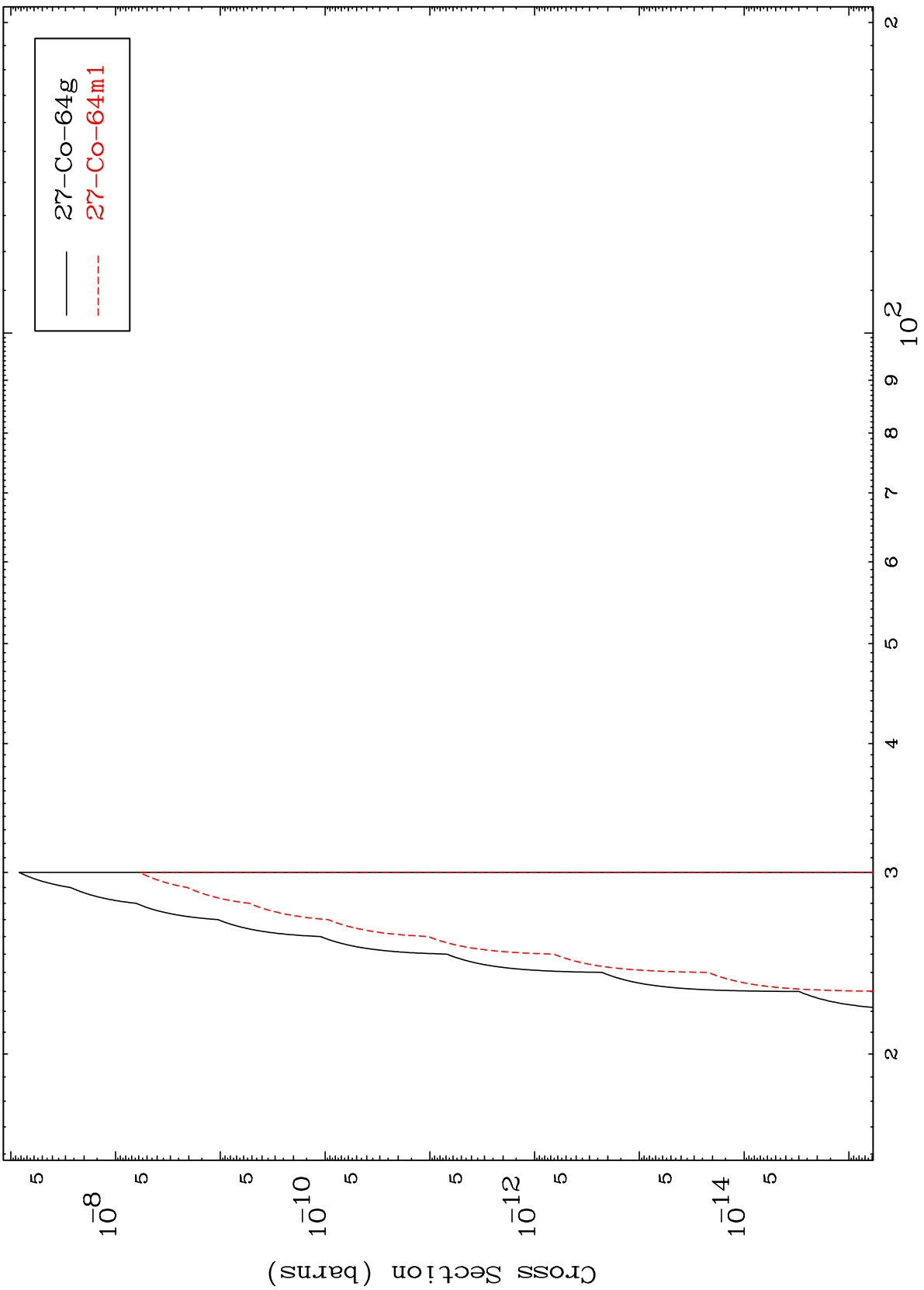
30-Zn-69

MAT 3040

(n,d) α

30-Zn-69

Radionuclide Production Cross Section



113

Incident Energy (MeV)

30-Zn-69