

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

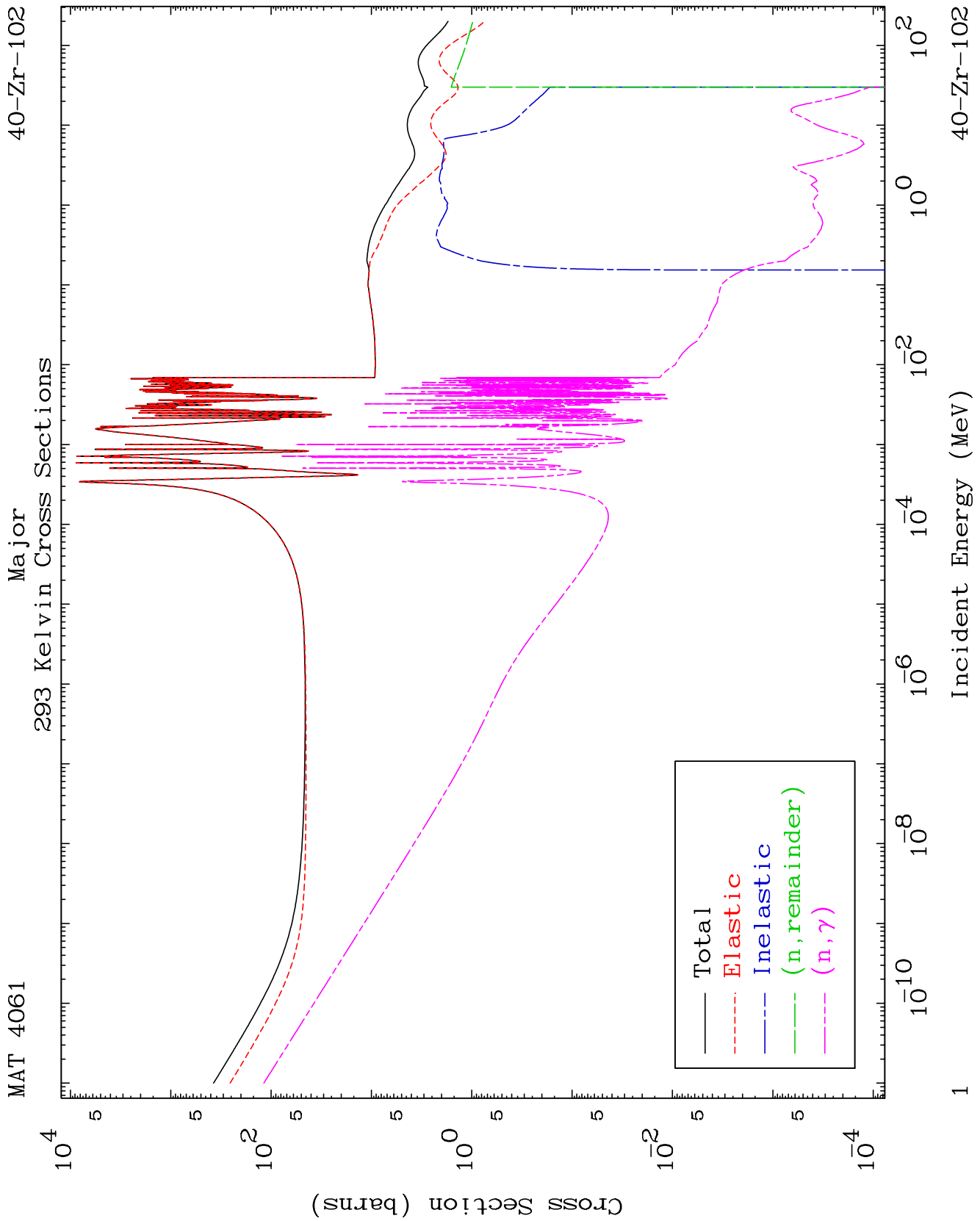
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

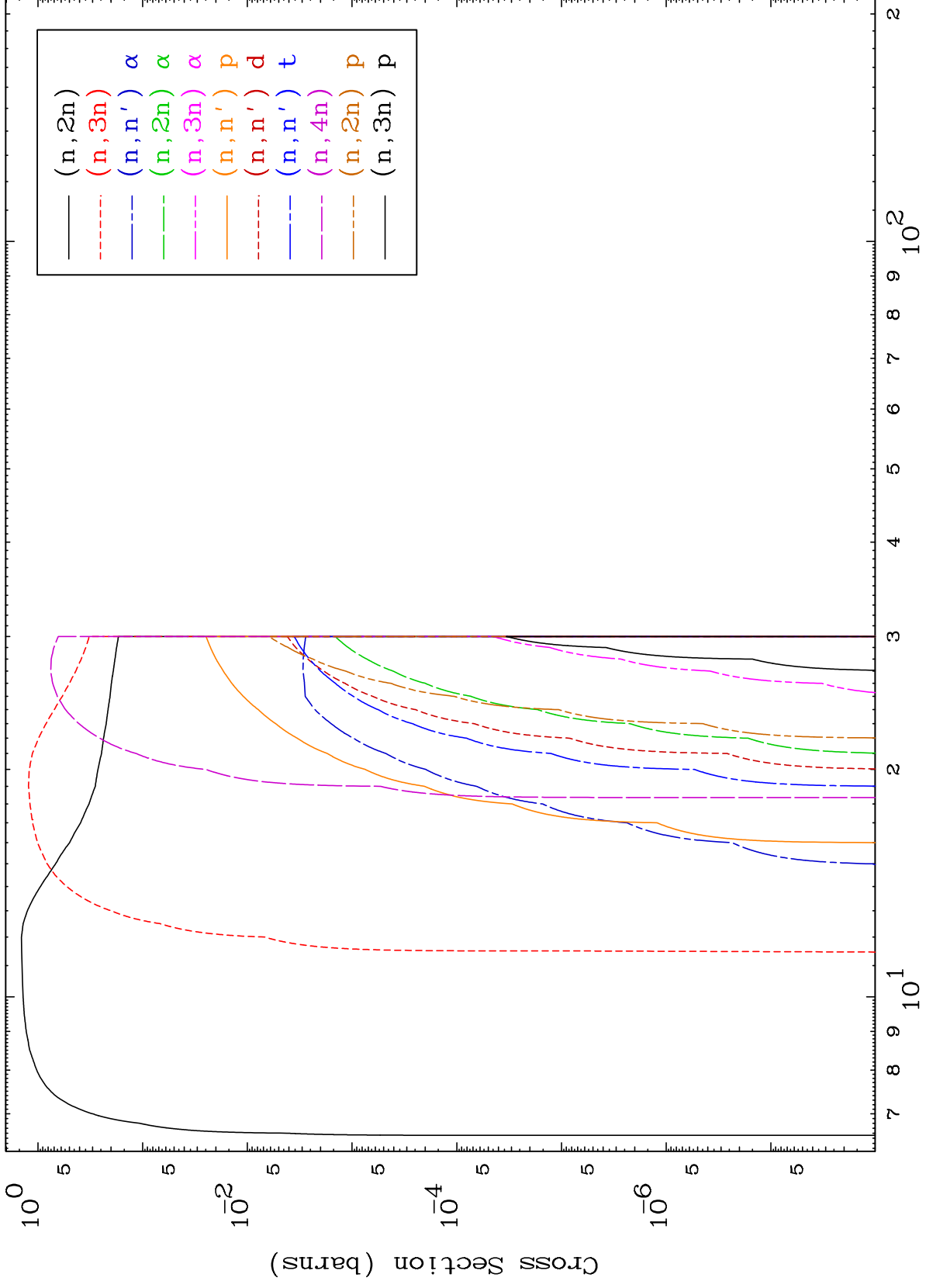
Press Mouse Button to Start



MAT 4061

Neutron Production
293 Kelvin Cross Sections

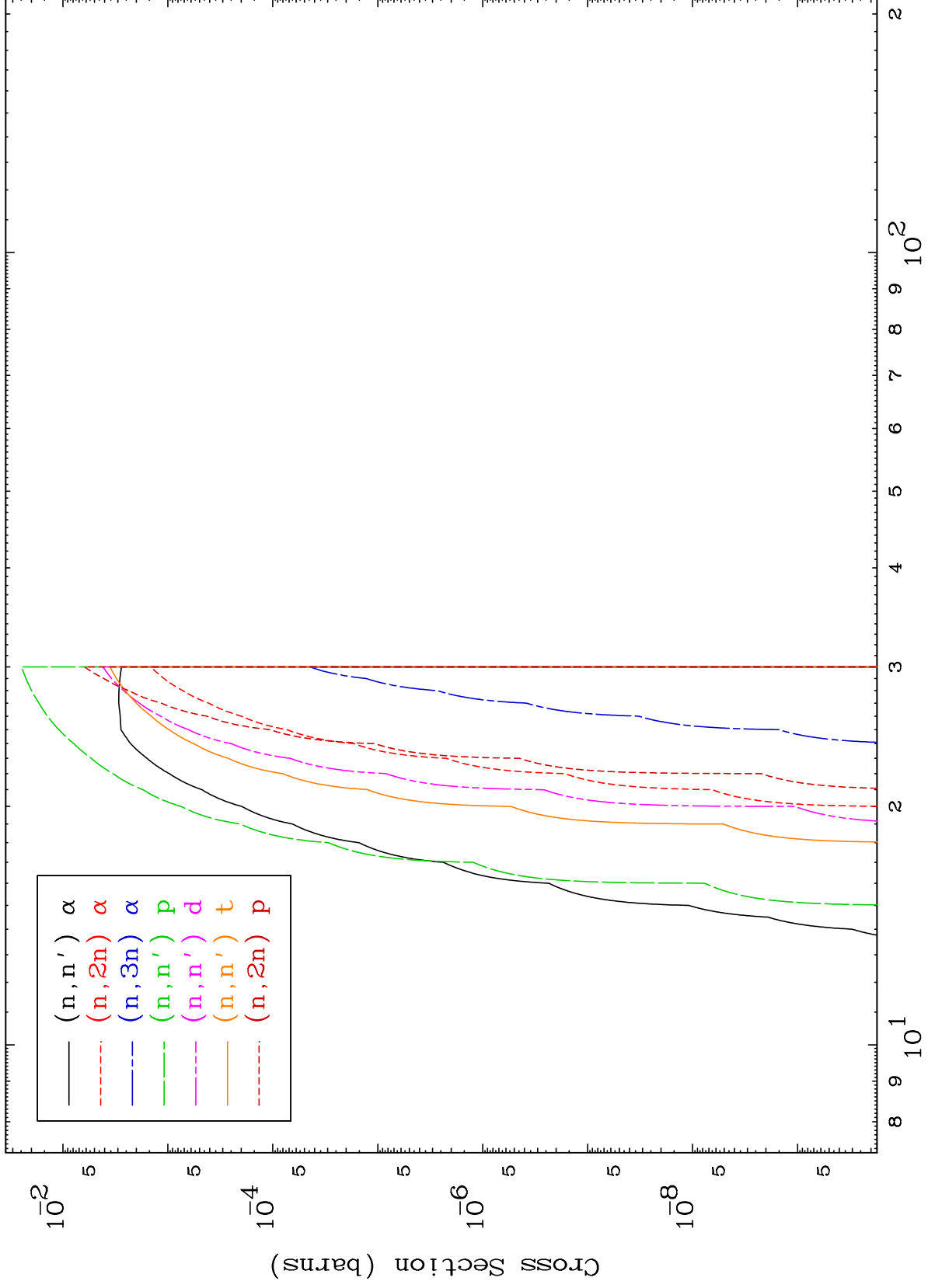
40-Zr-102

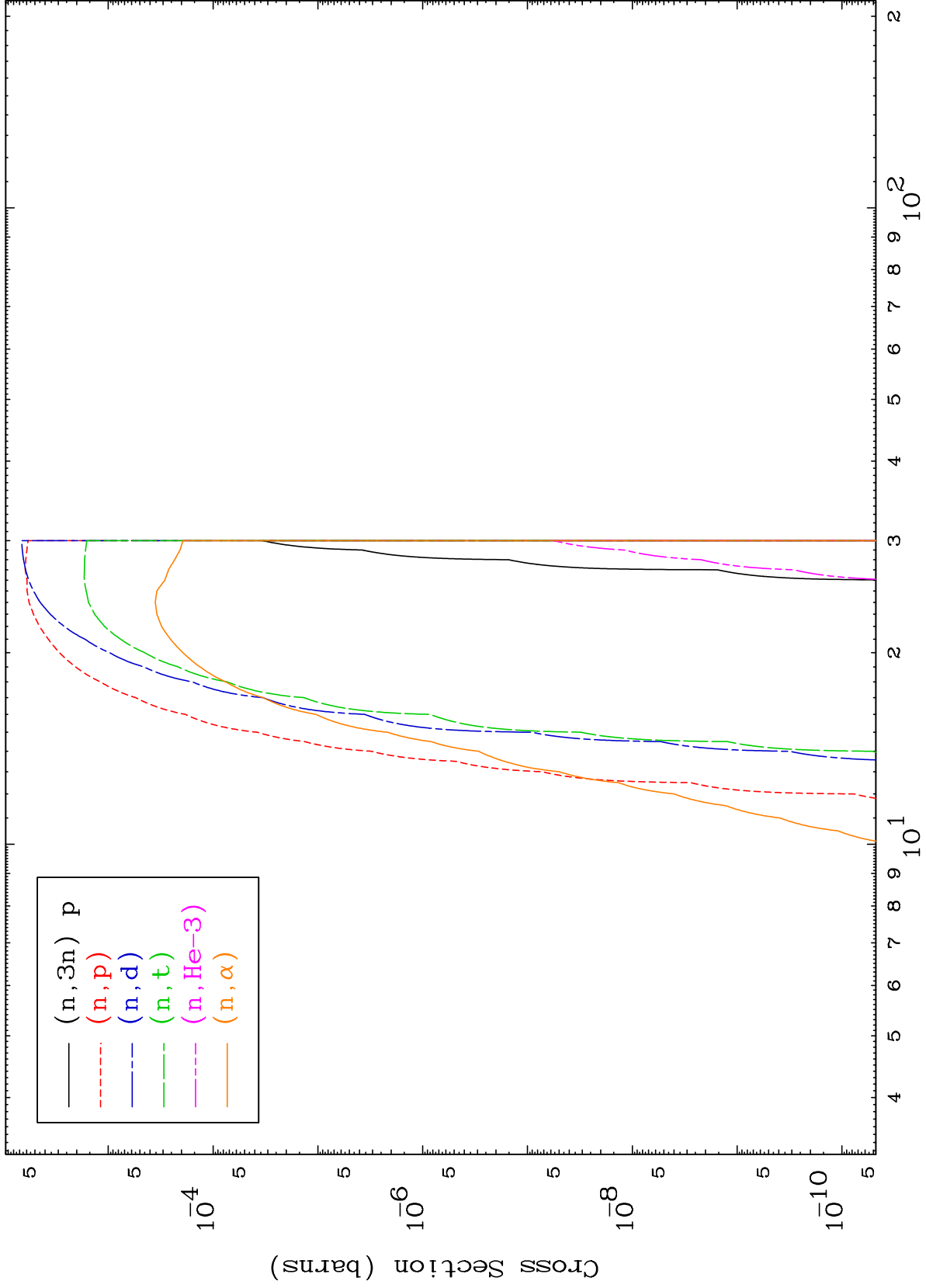


2

Incident Energy (MeV)

40-Zr-102

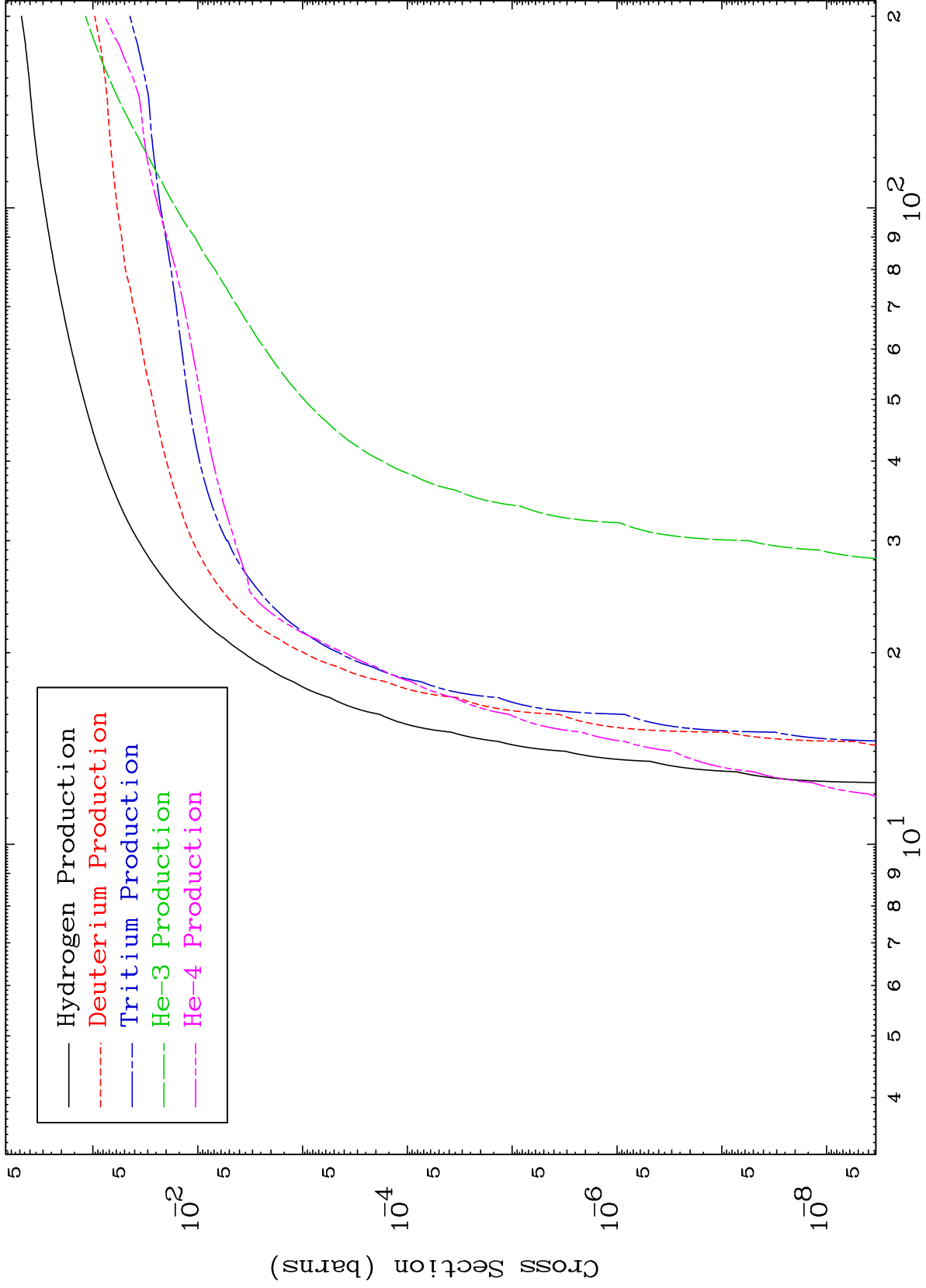




MAT 4061

Particle Production
293 Kelvin Cross Sections

40-Zr-102



5

Incident Energy (MeV)

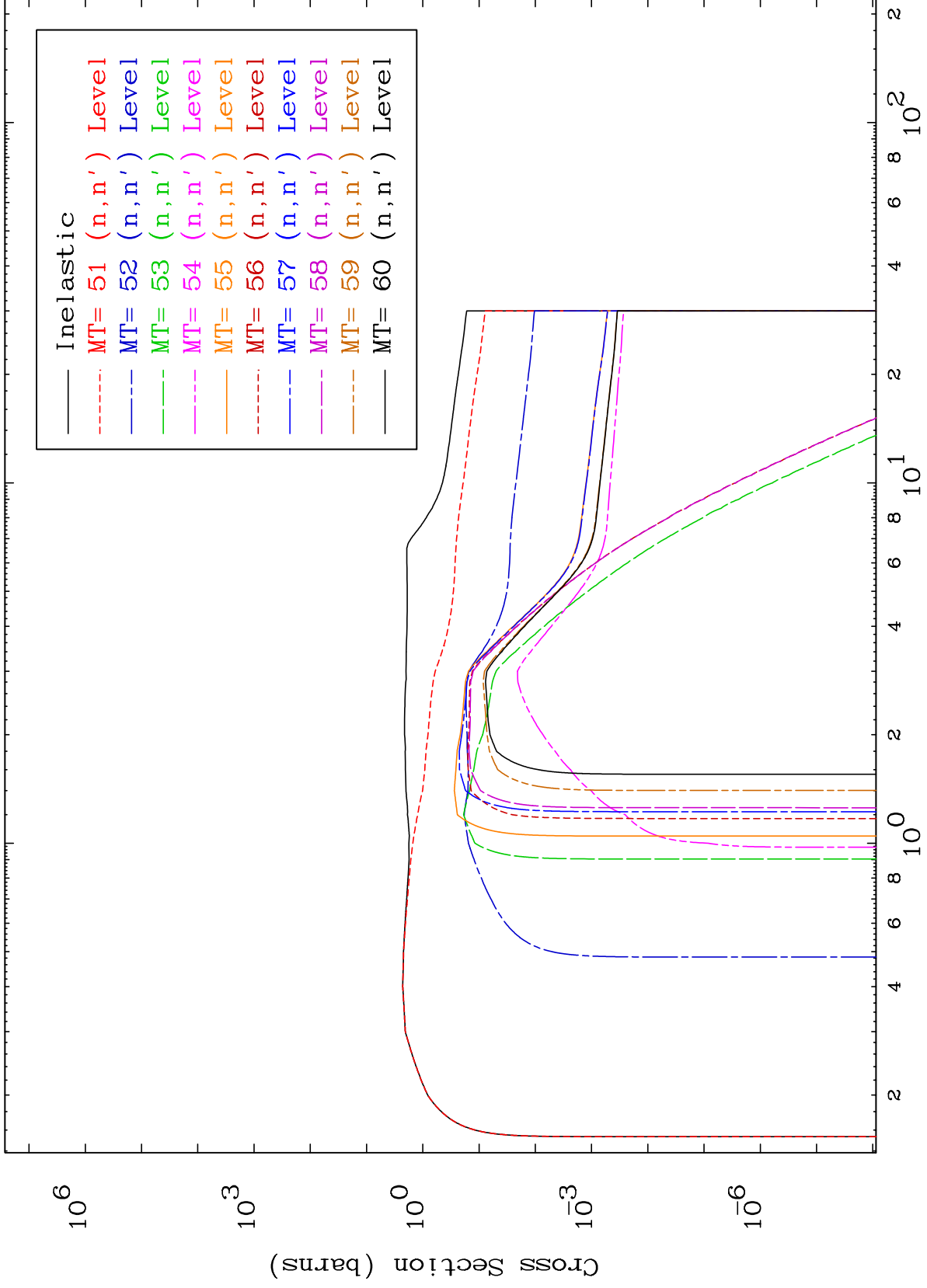
40-Zr-102

MAT 4061

(n,n') Level

40-Zr-102

293 Kelvin Cross Sections



6

Incident Energy (MeV)

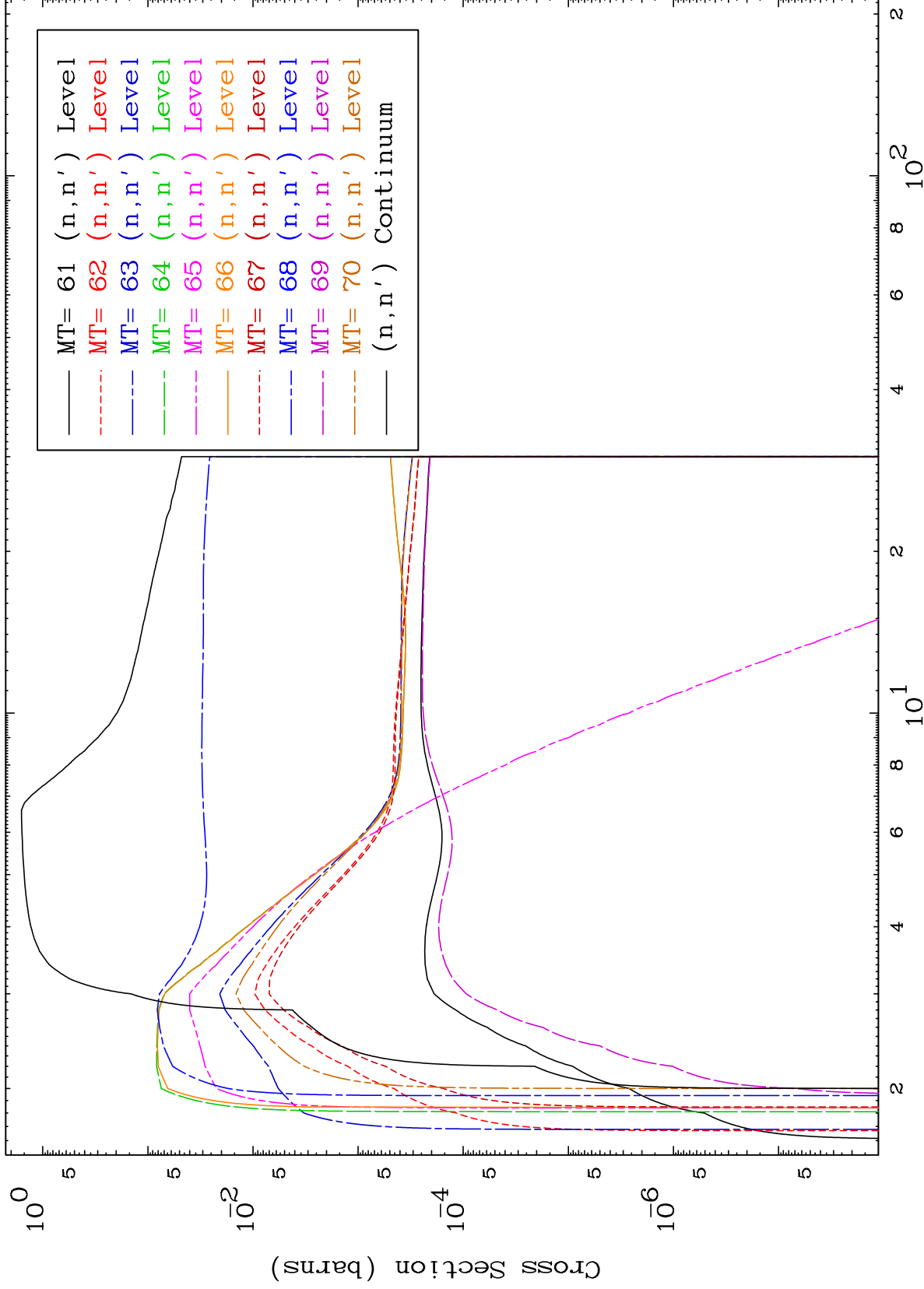
40-Zr-102

MAT 4061

(n,n') Level

40-Zr-102

293 Kelvin Cross Sections



7

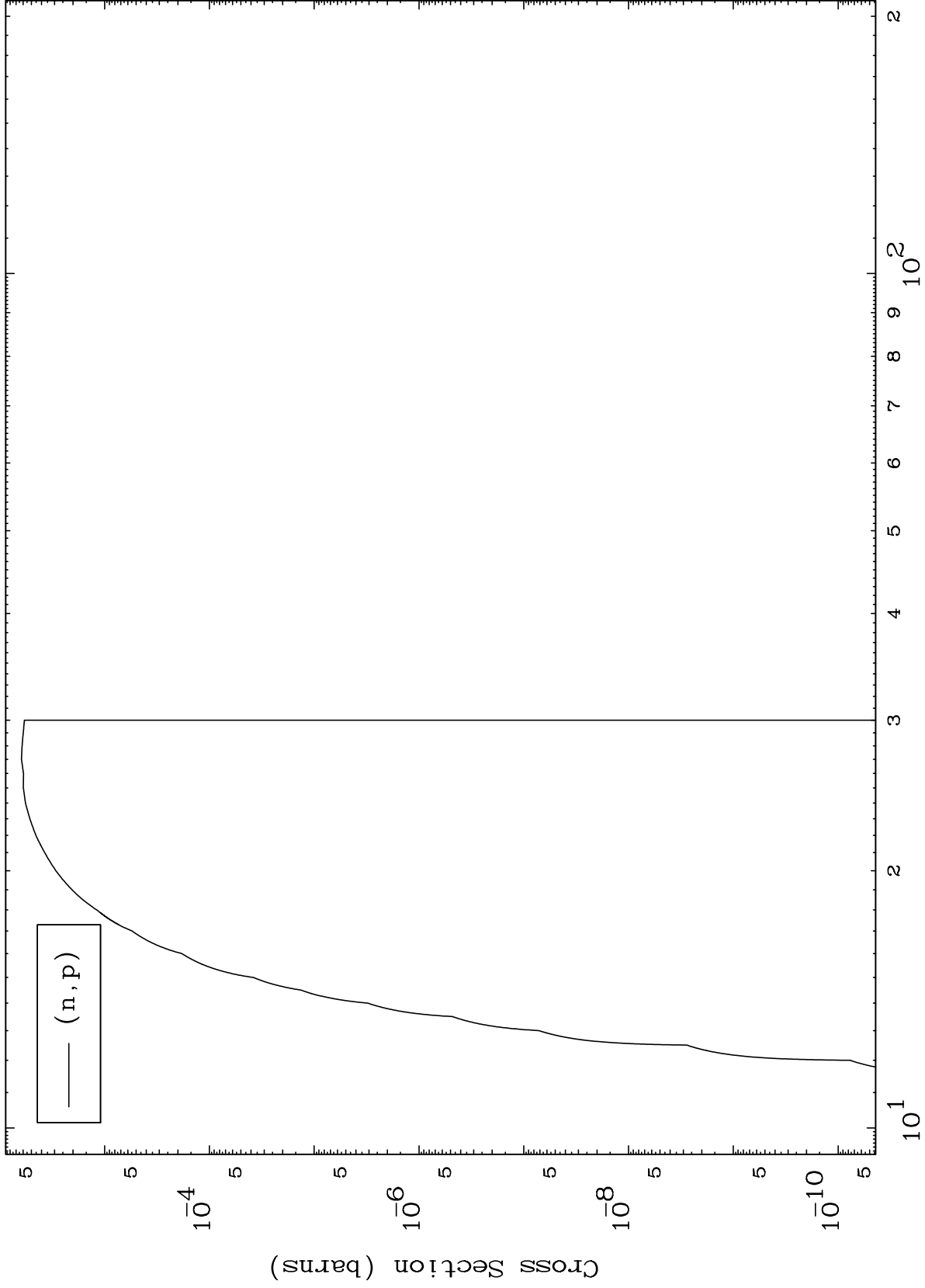
Incident Energy (MeV)

40-Zr-102

MAT 4061

(n,p) Levels
293 Kelvin Cross Sections

40-Zr-102



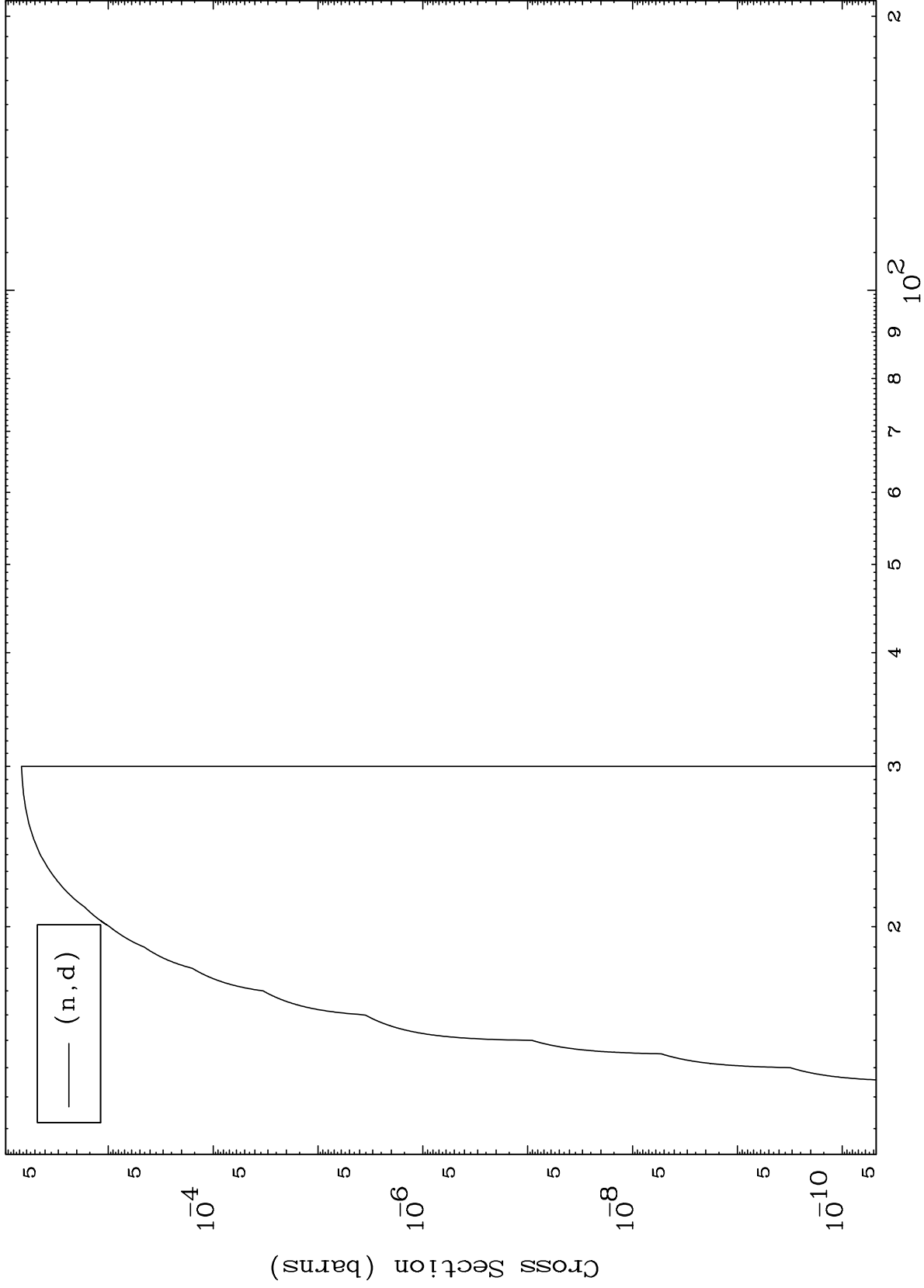
Incident Energy (MeV)

40-Zr-102

MAT 4061

(n,d) Levels
293 Kelvin Cross Sections

40-Zr-102



9

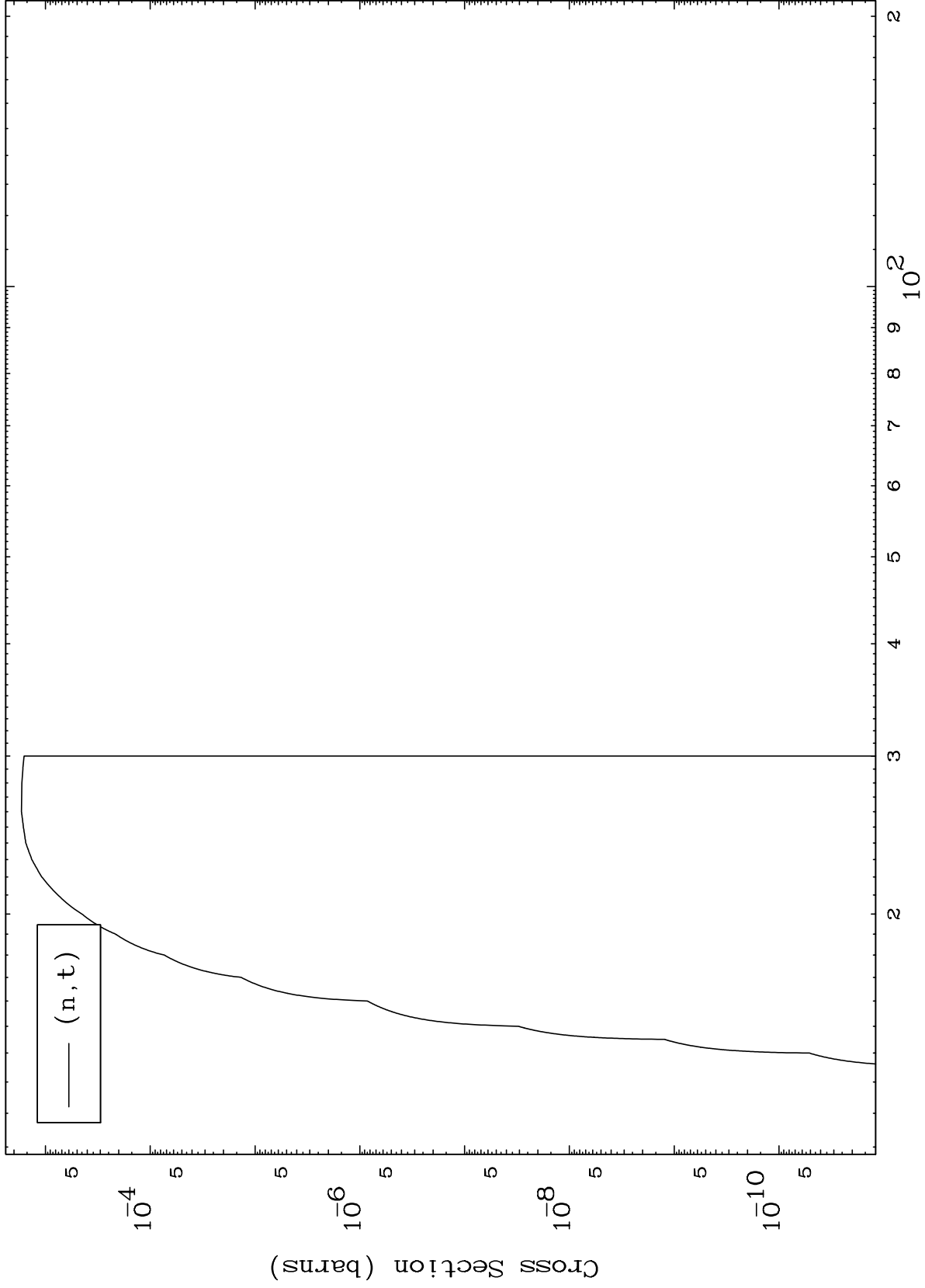
Incident Energy (MeV)

40-Zr-102

MAT 4061

(n,t) Levels
293 Kelvin Cross Sections

40-Zr-102



10

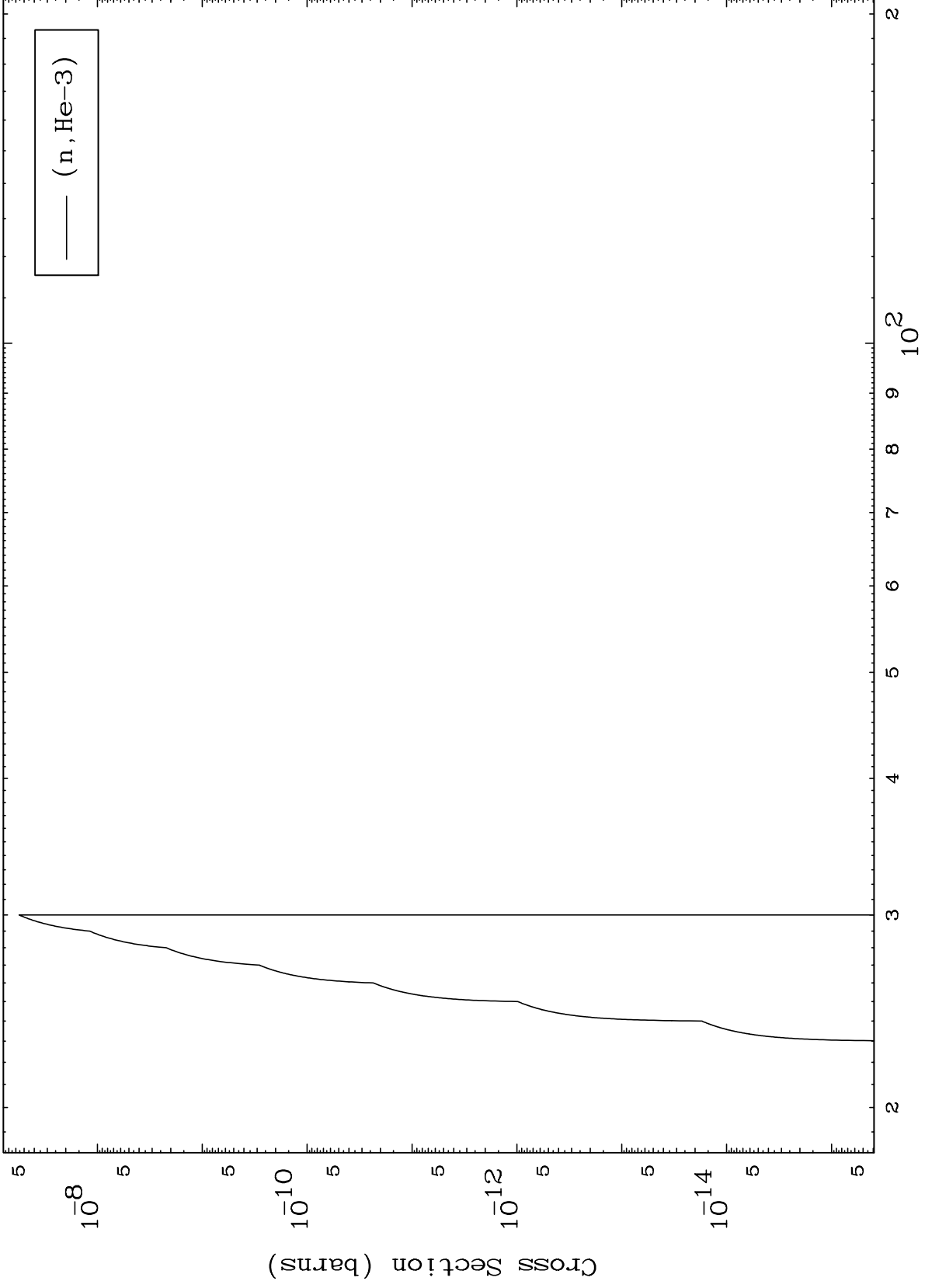
Incident Energy (MeV)

40-Zr-102

MAT 4061

(n,He3) Levels
293 Kelvin Cross Sections

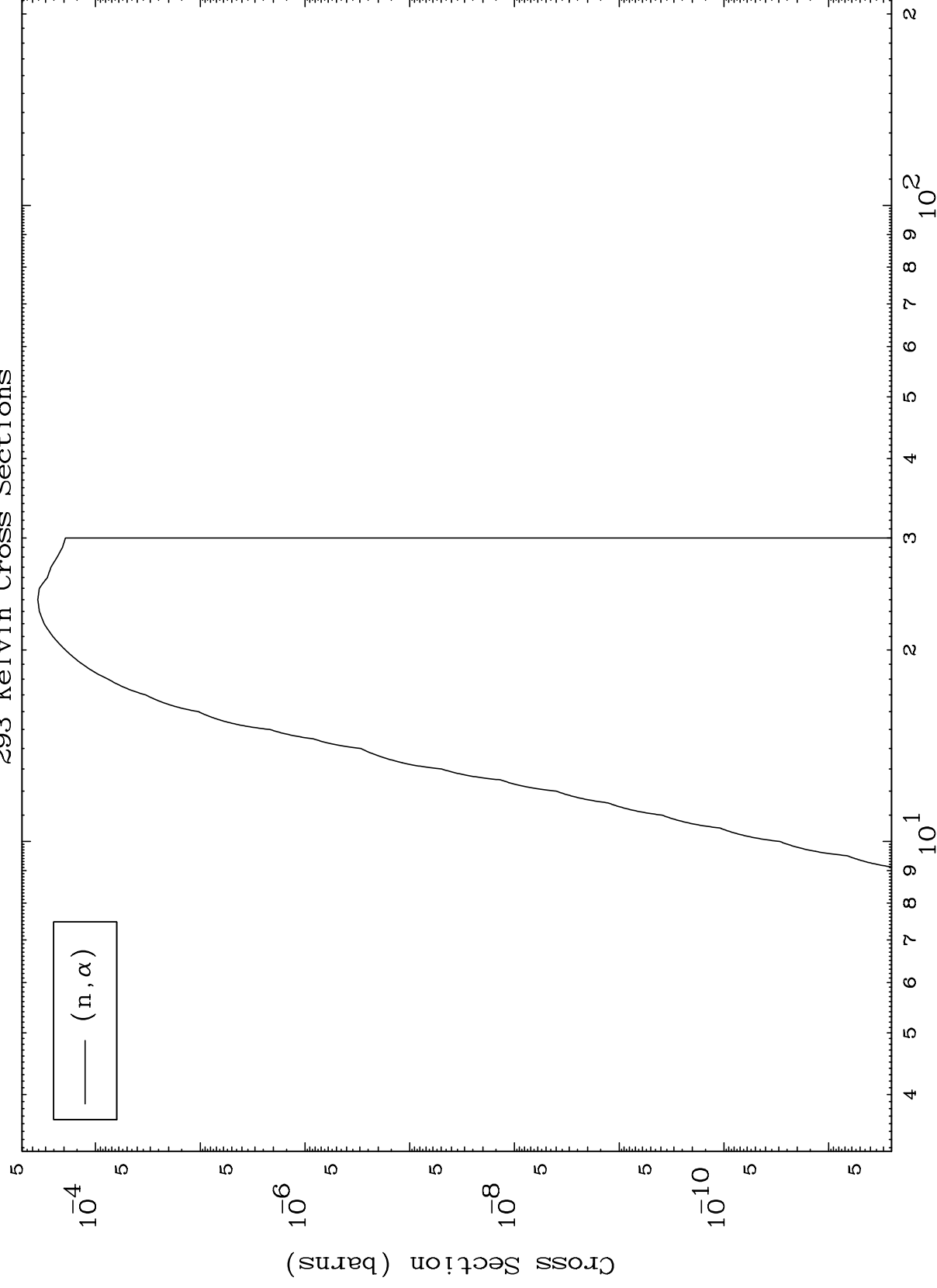
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MAT 4061

40-Zr-102

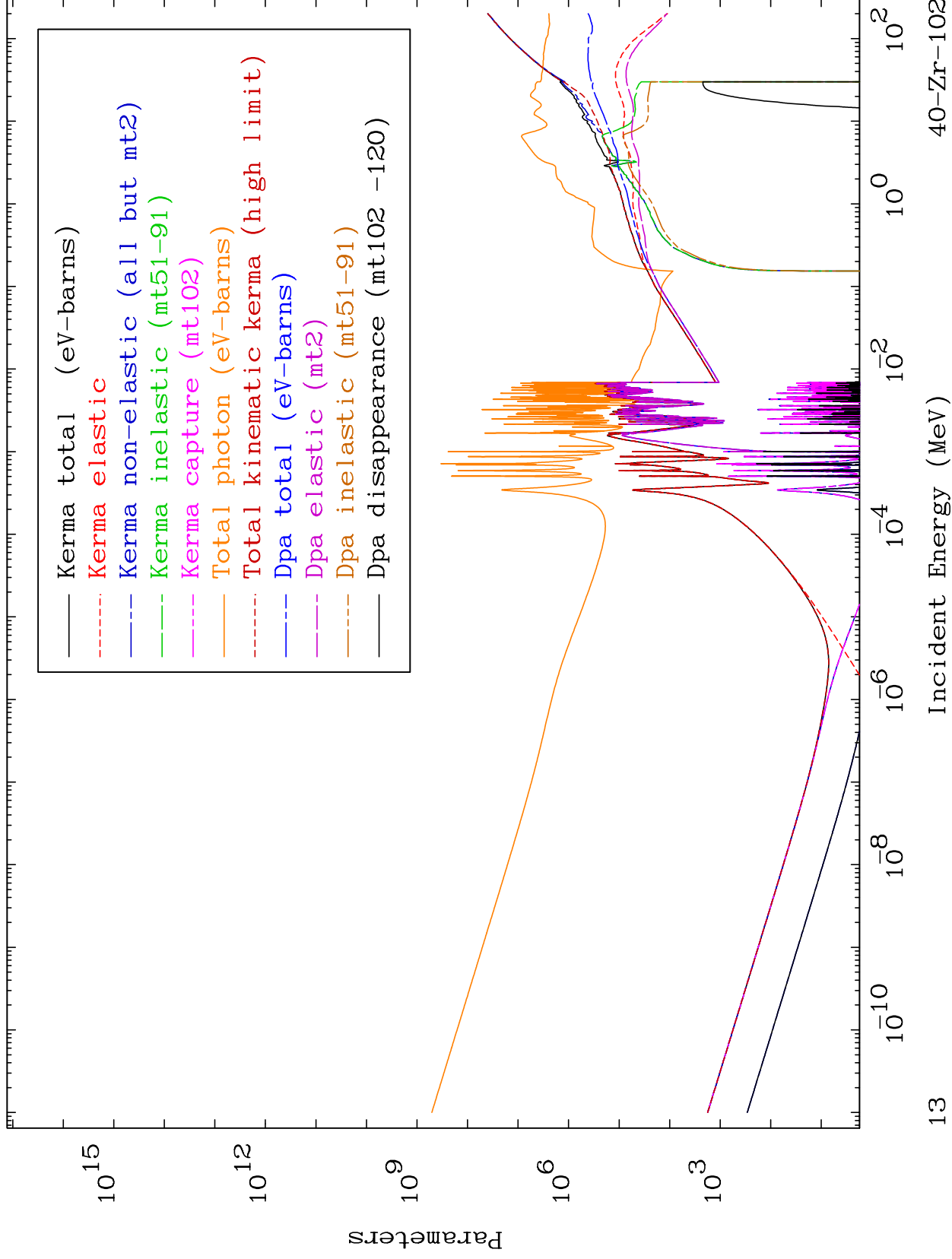
(n, α) Levels
293 Kelvin Cross Sections

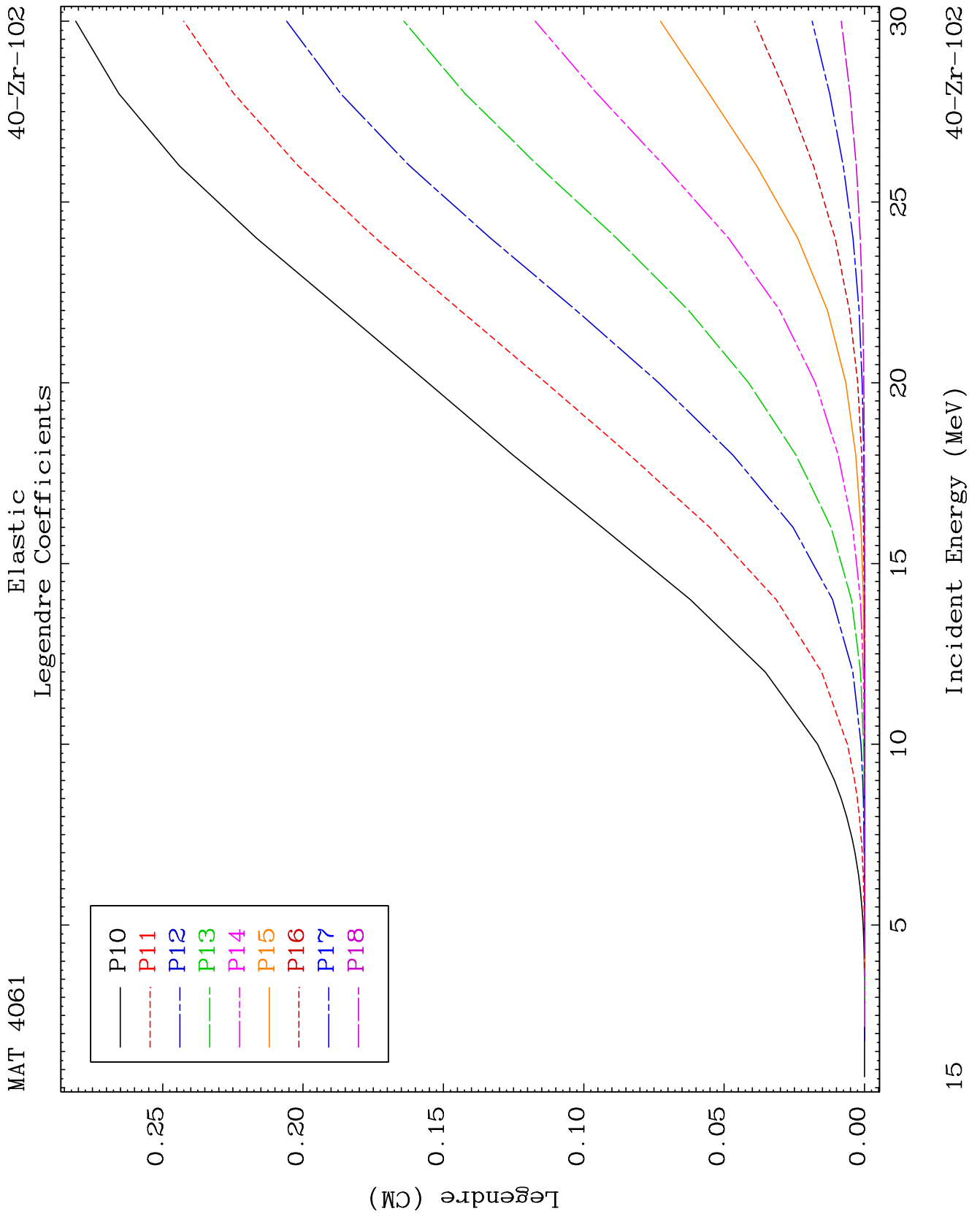


40-Zr-102

Incident Energy (MeV)

12

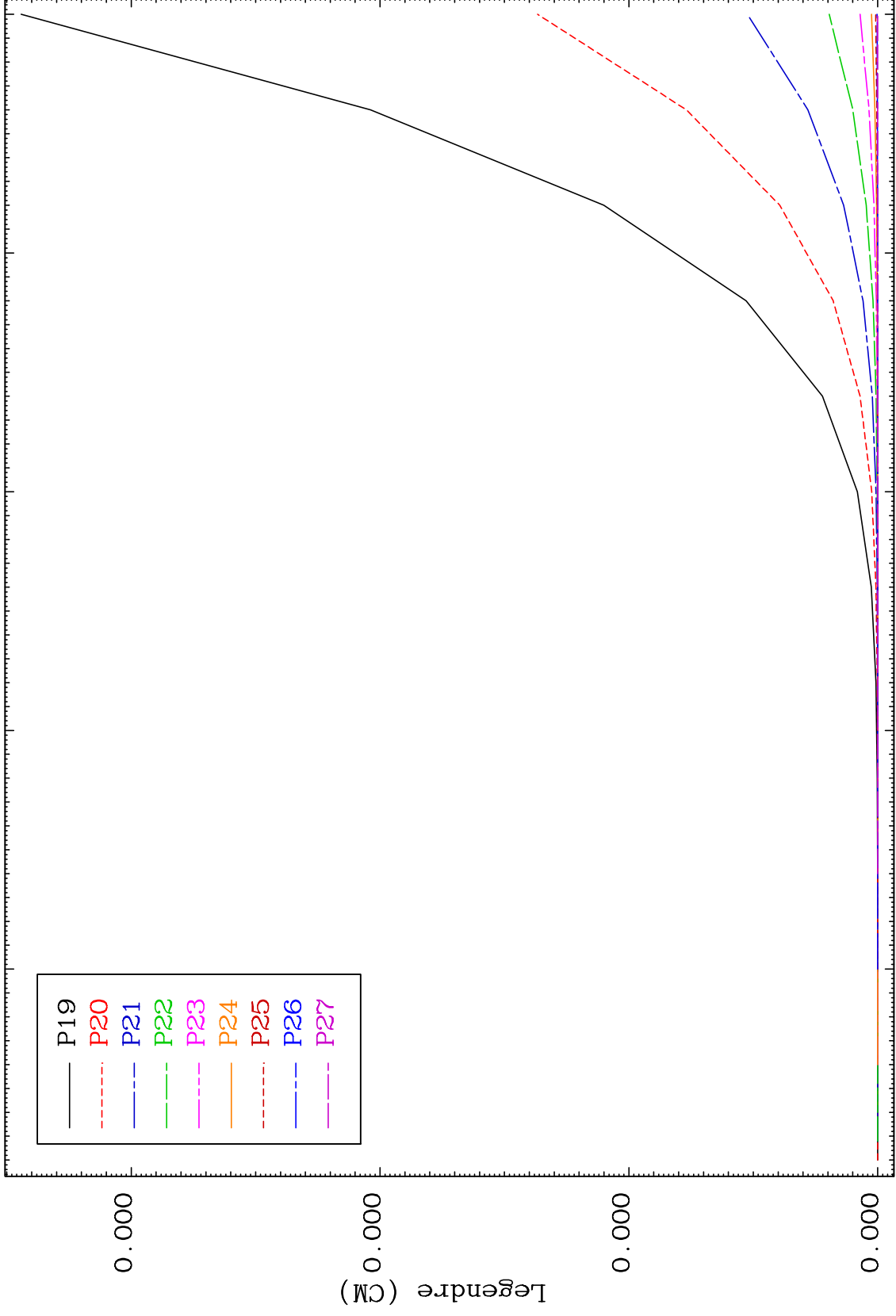




MAT 4061

Elastic
Legendre Coefficients

40-Zr-102



16

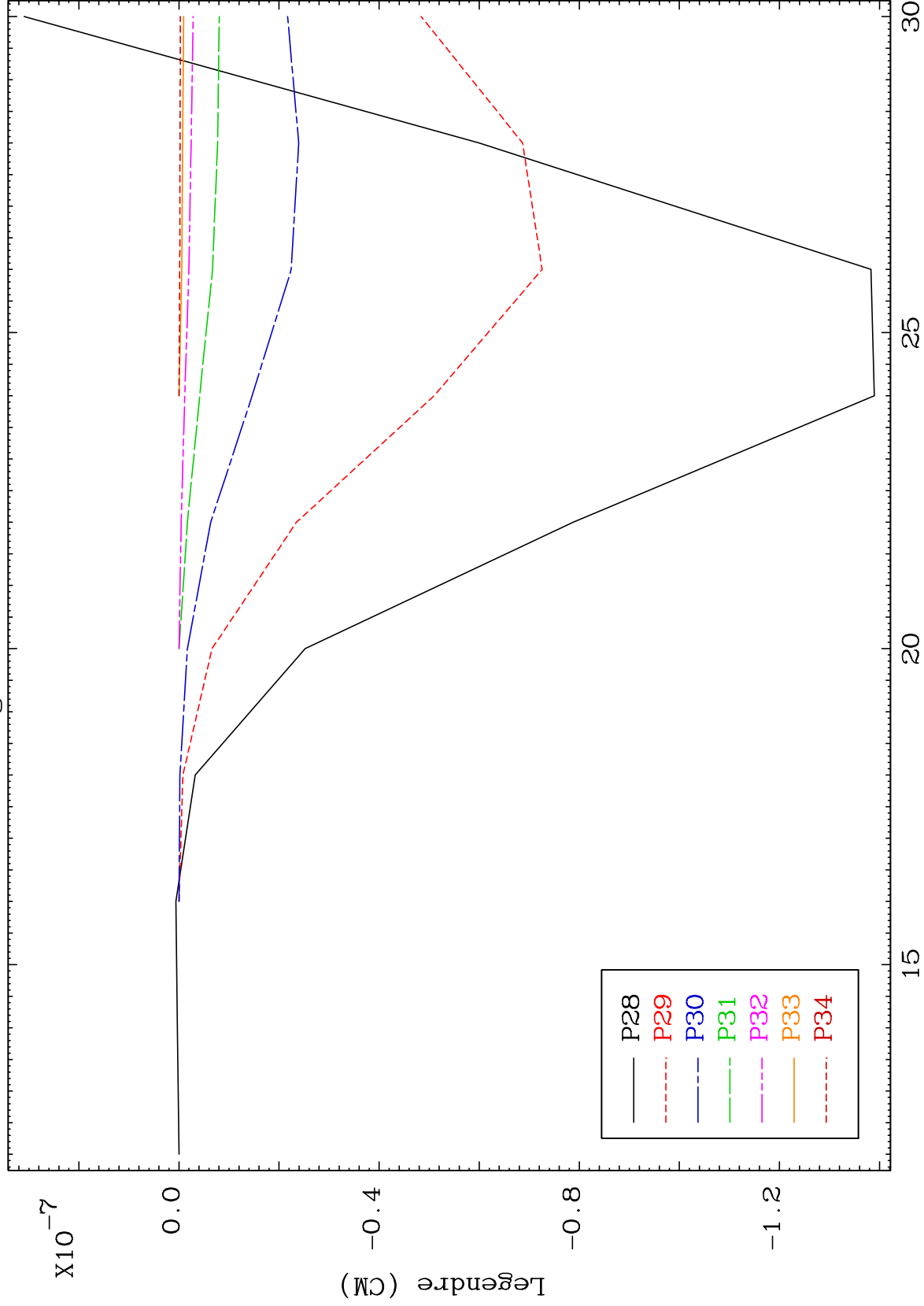
Incident Energy (MeV)

40-Zr-102

MAT 4061

Elastic Legendre Coefficients

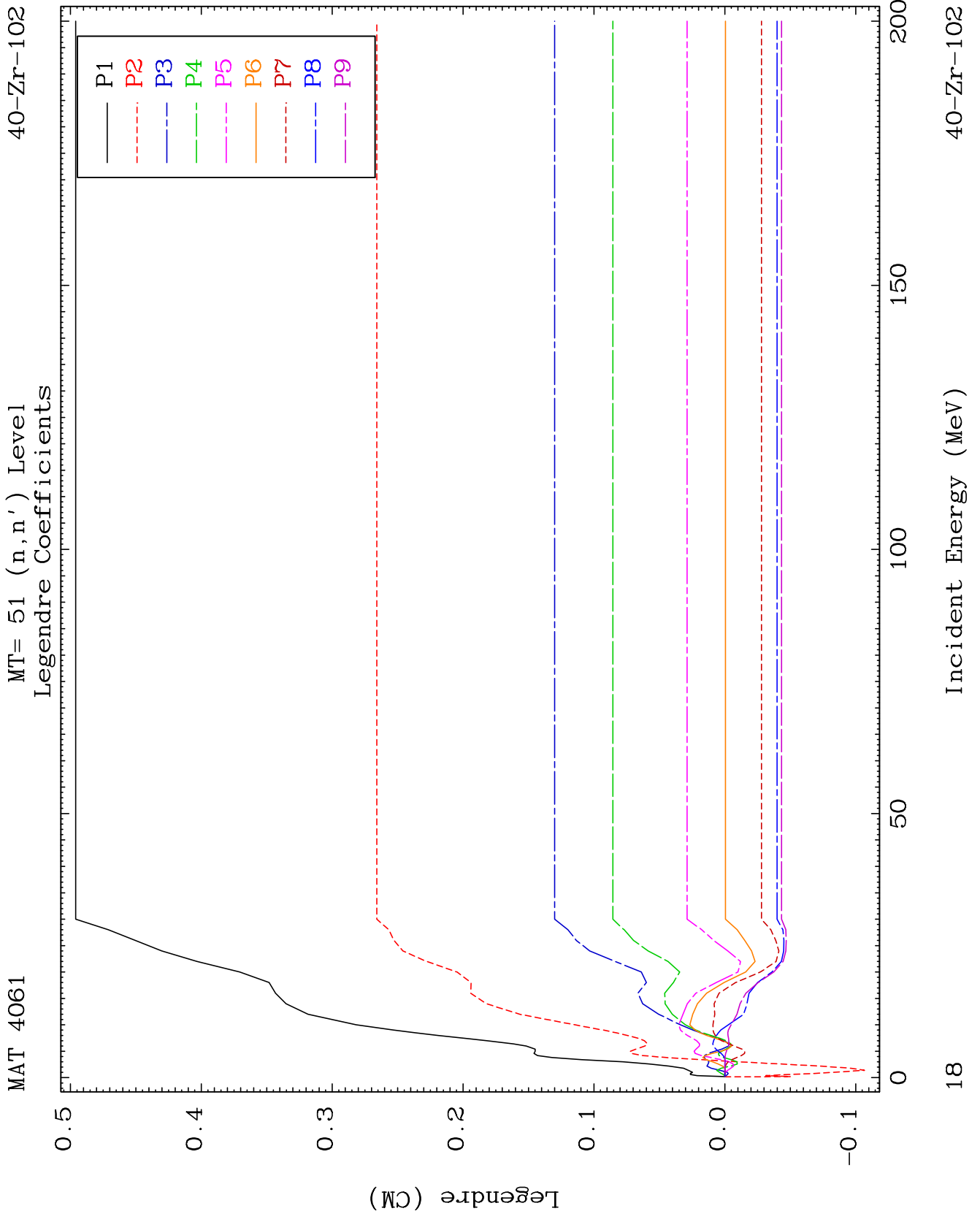
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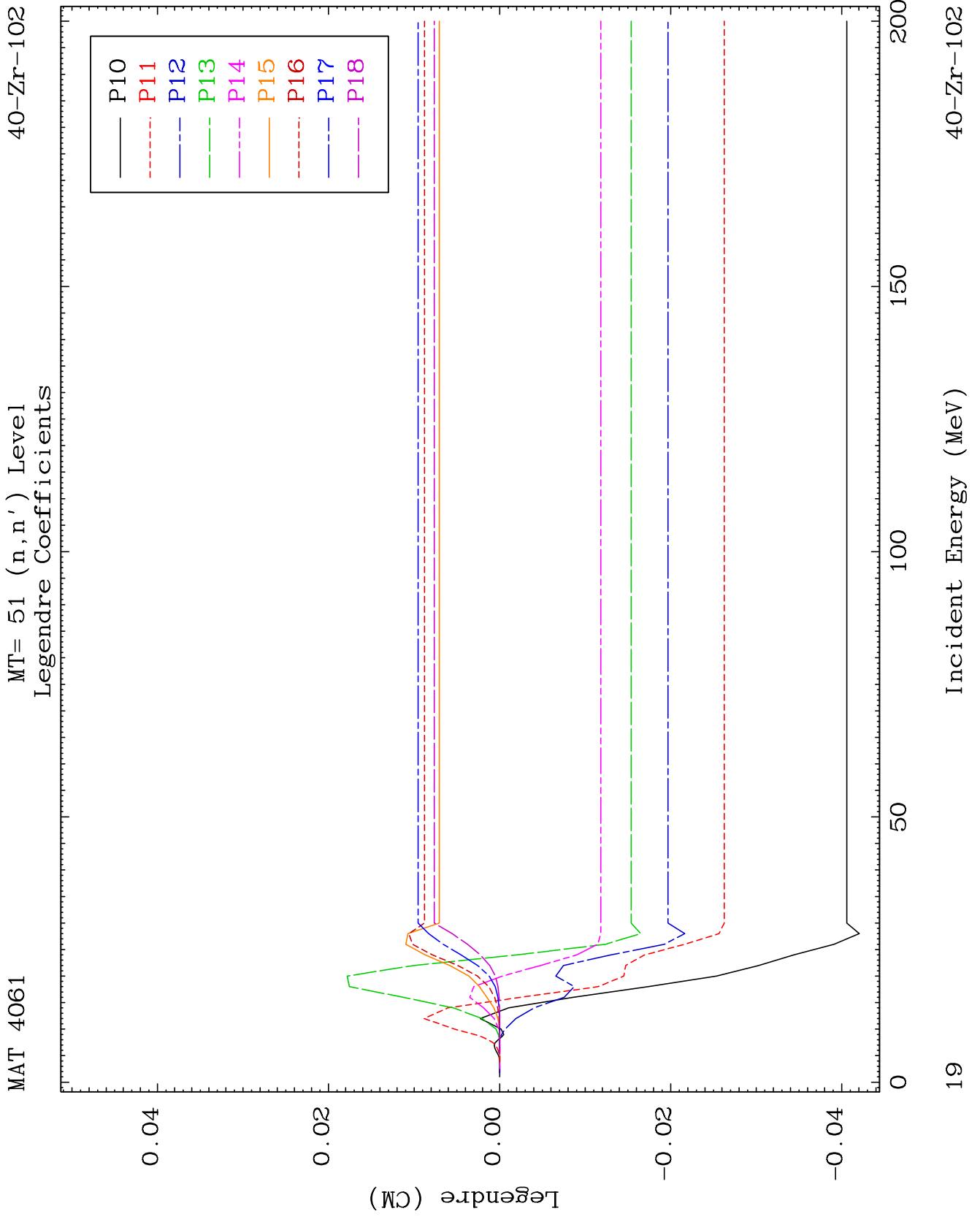


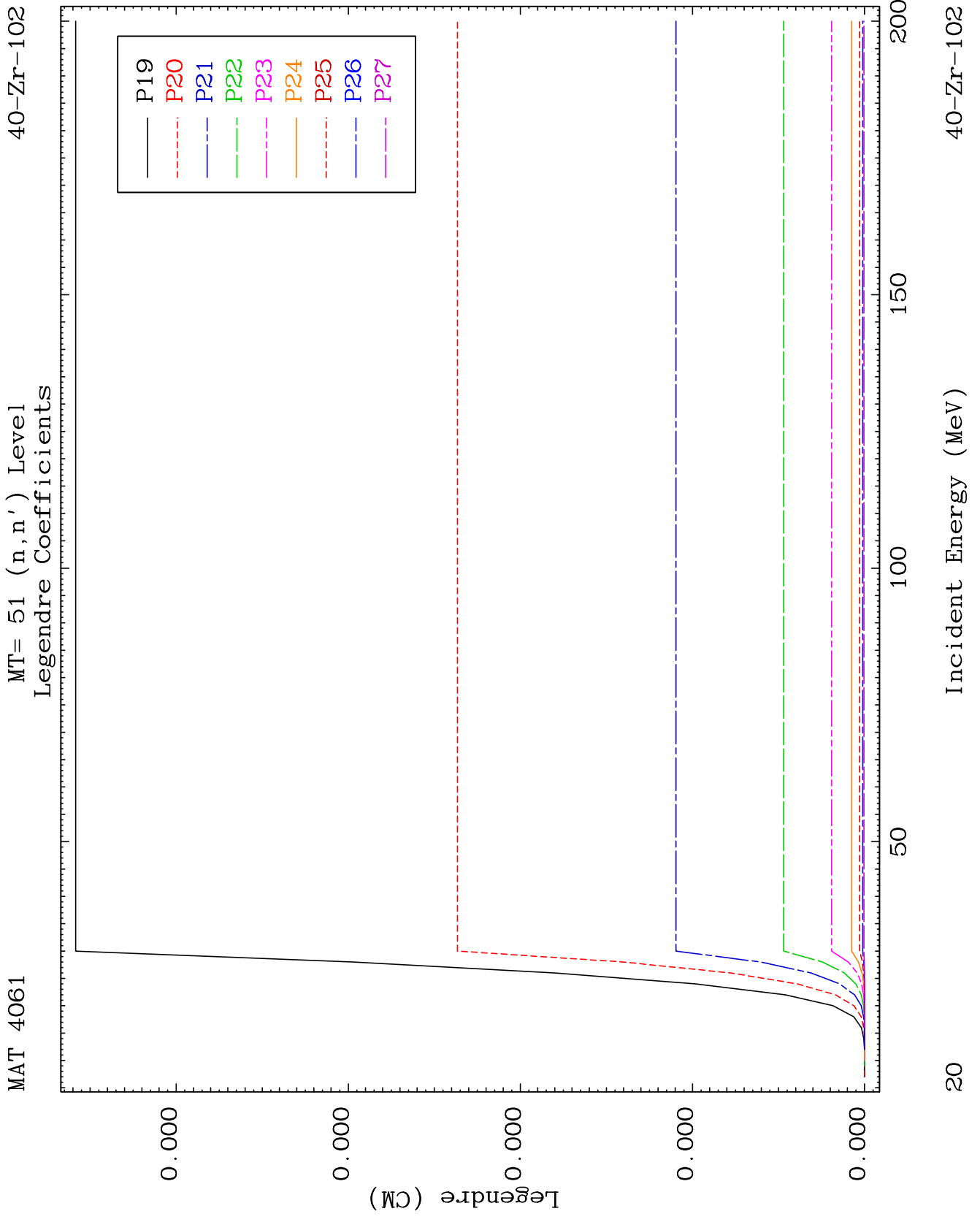
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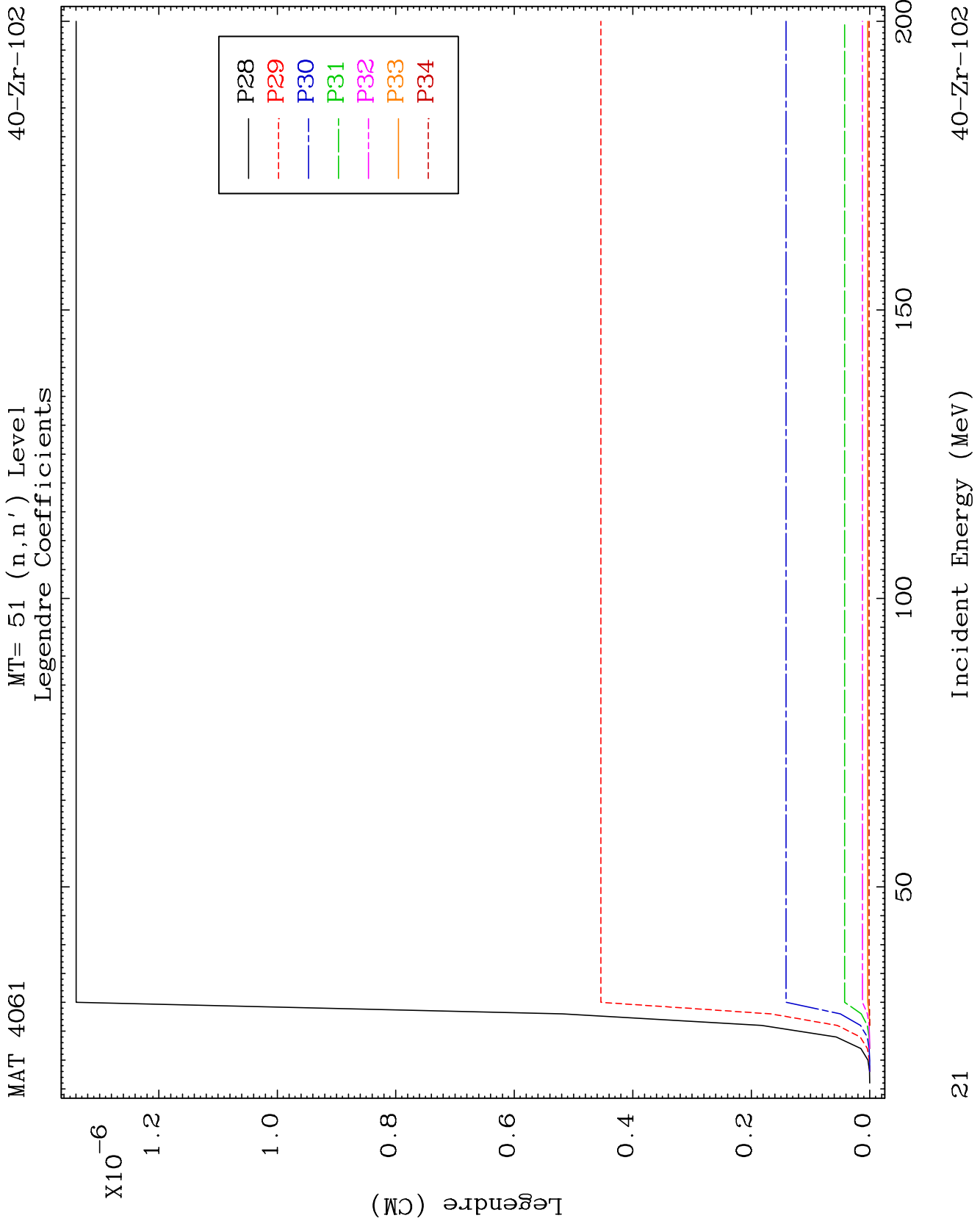
Incident Energy (MeV)

40-Zr-102





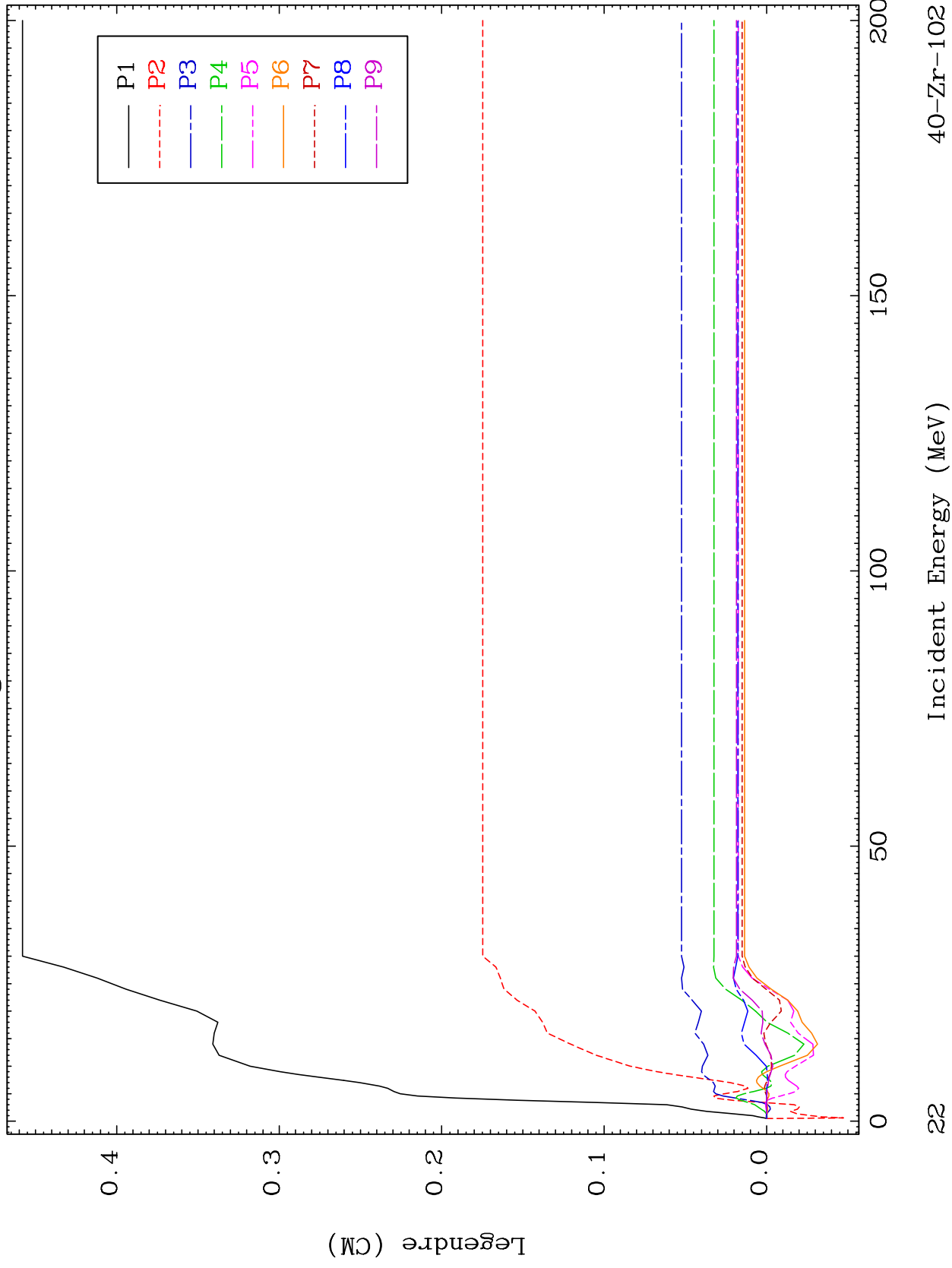




MAT 4061

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

40-Zr-102



22

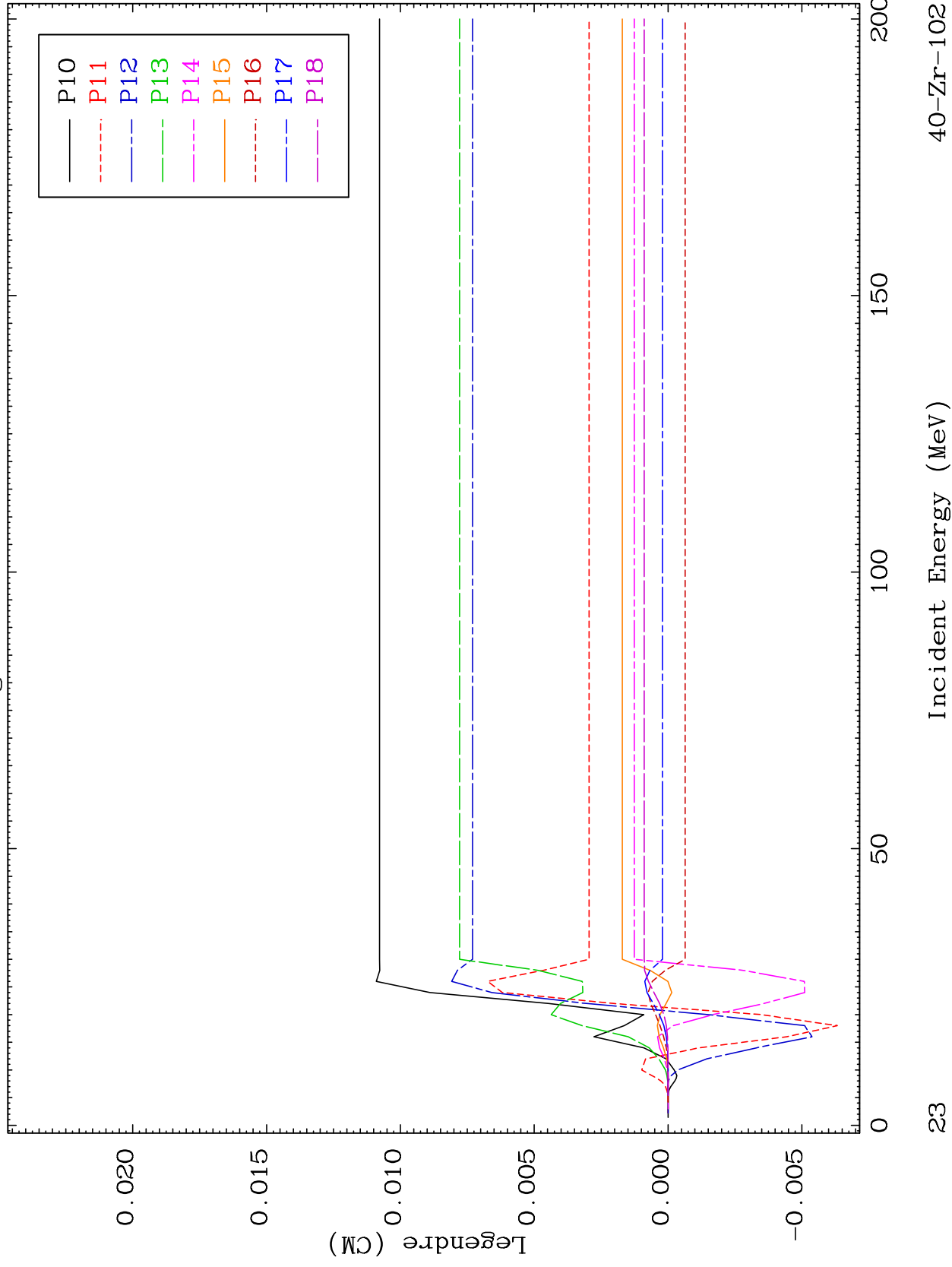
Incident Energy (MeV)

40-Zr-102

MAT 4061

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

40-Zr-102



23

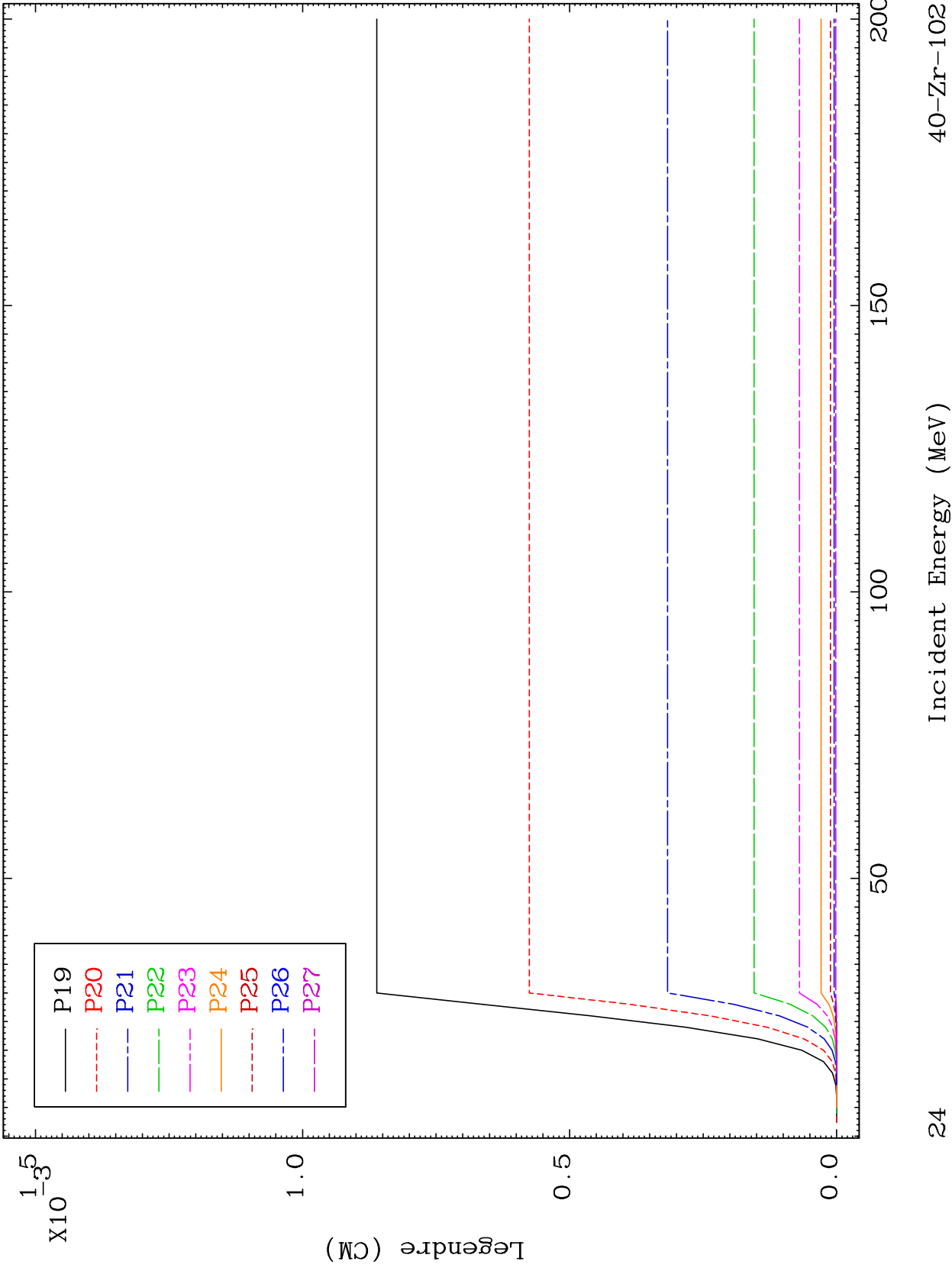
Incident Energy (MeV)

40-Zr-102

MAT 4061

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

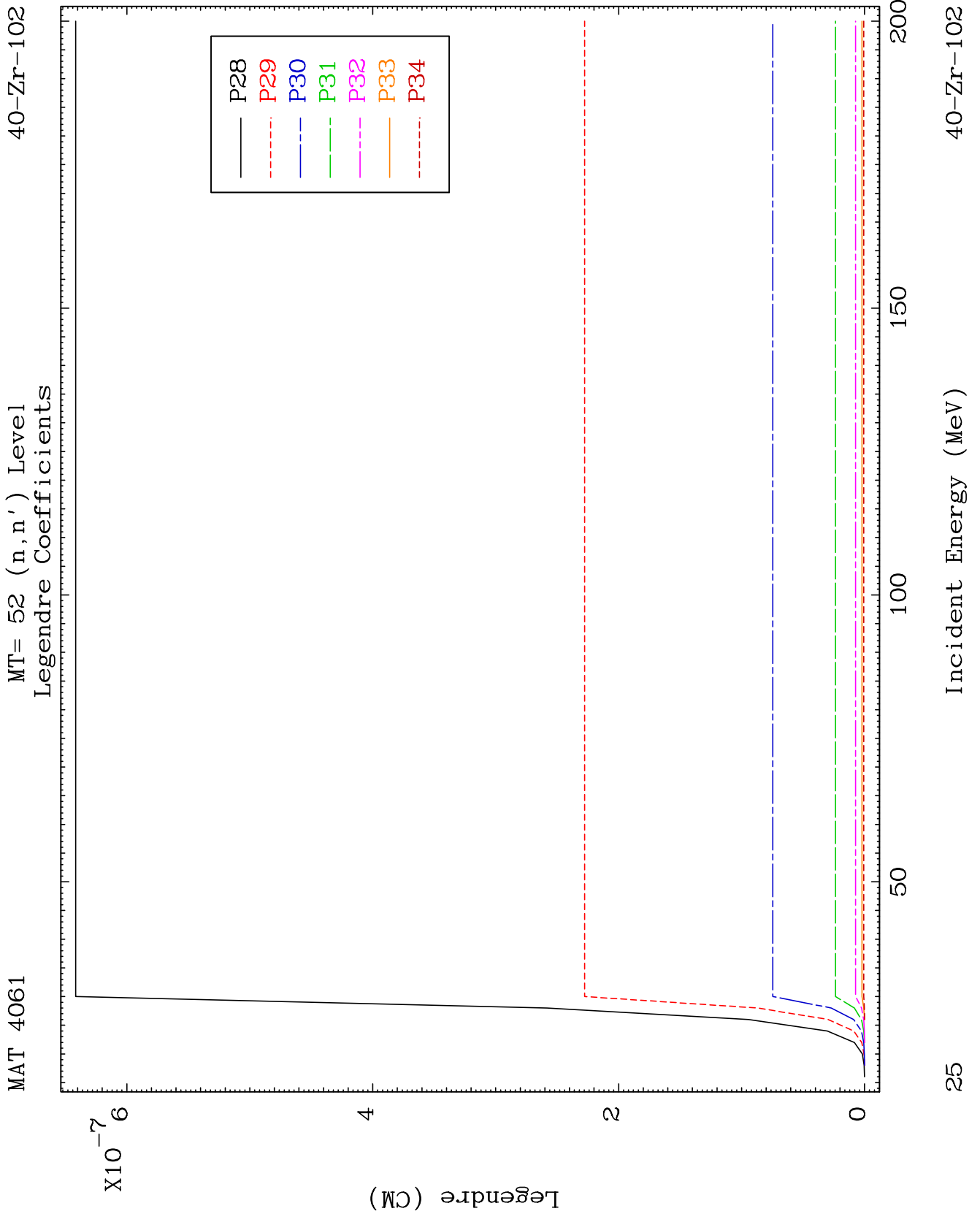
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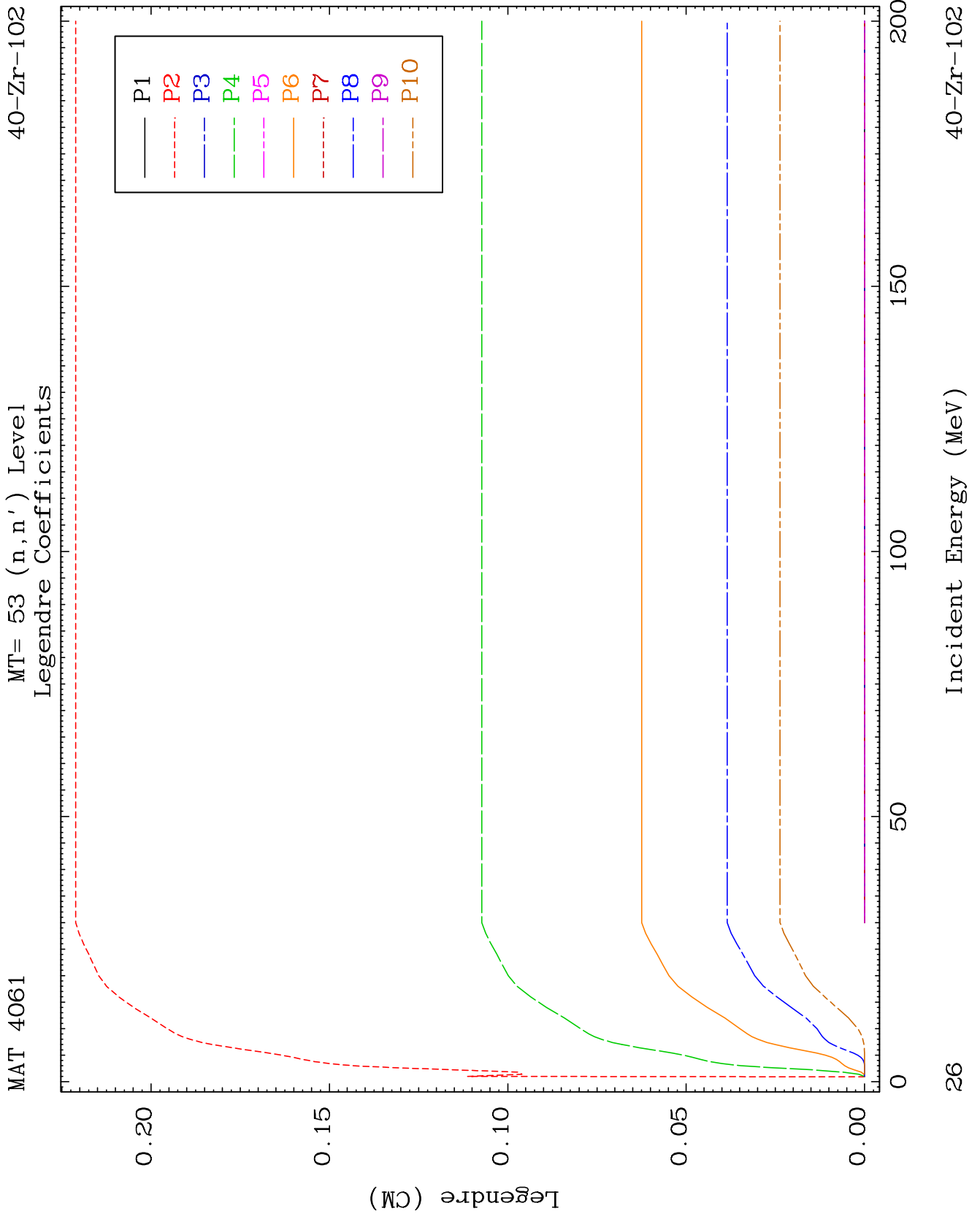


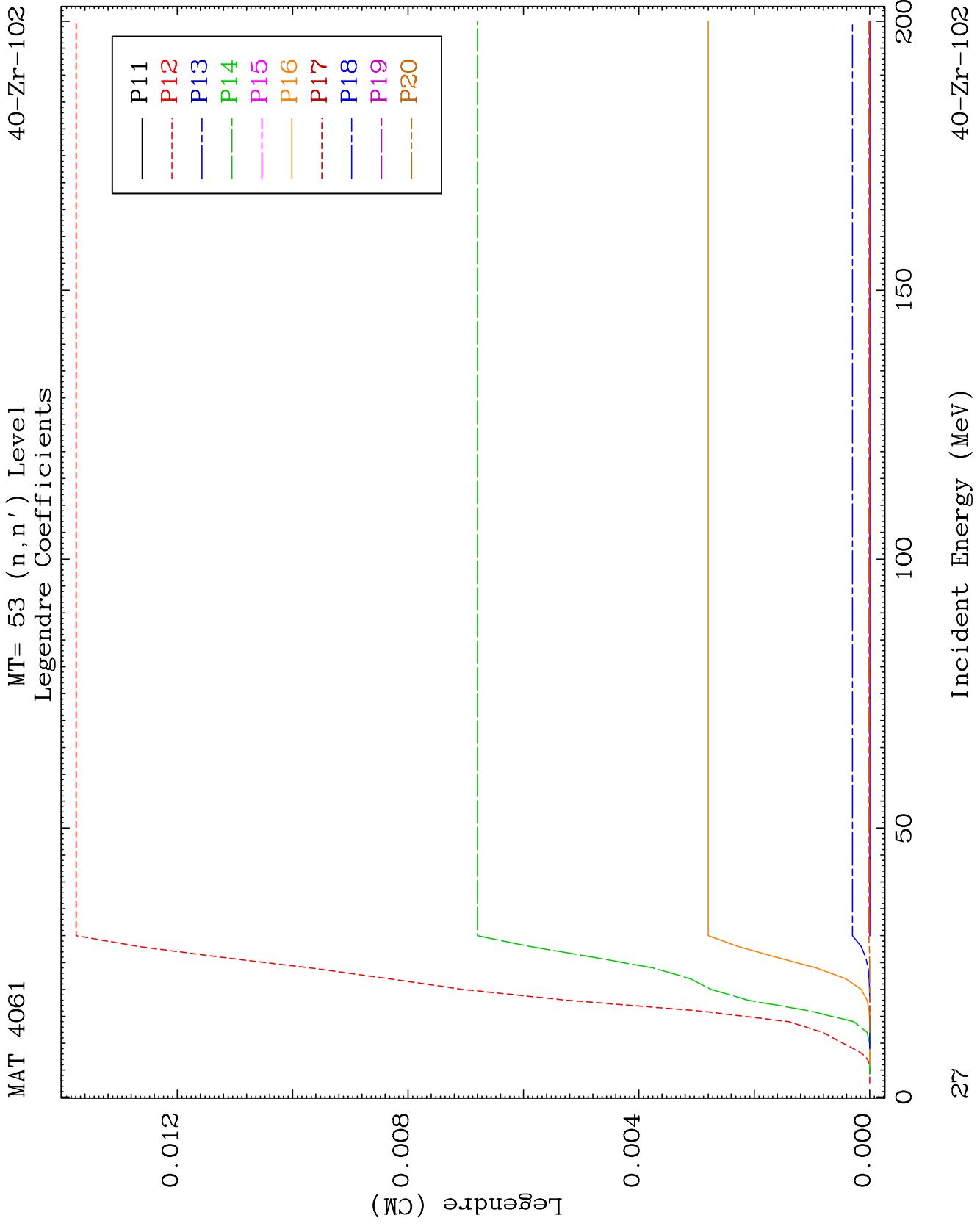
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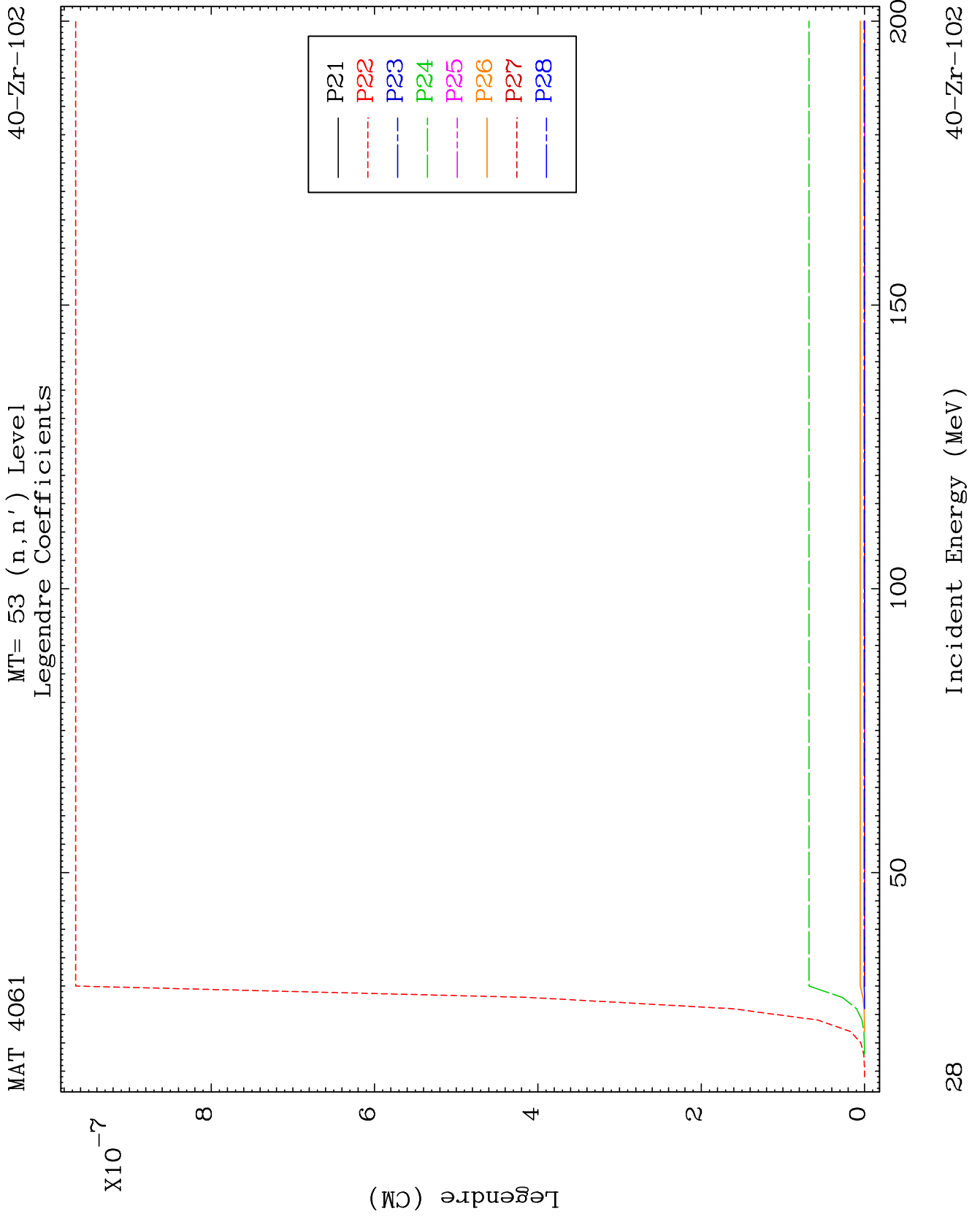
Incident Energy (MeV)

40-Zr-102





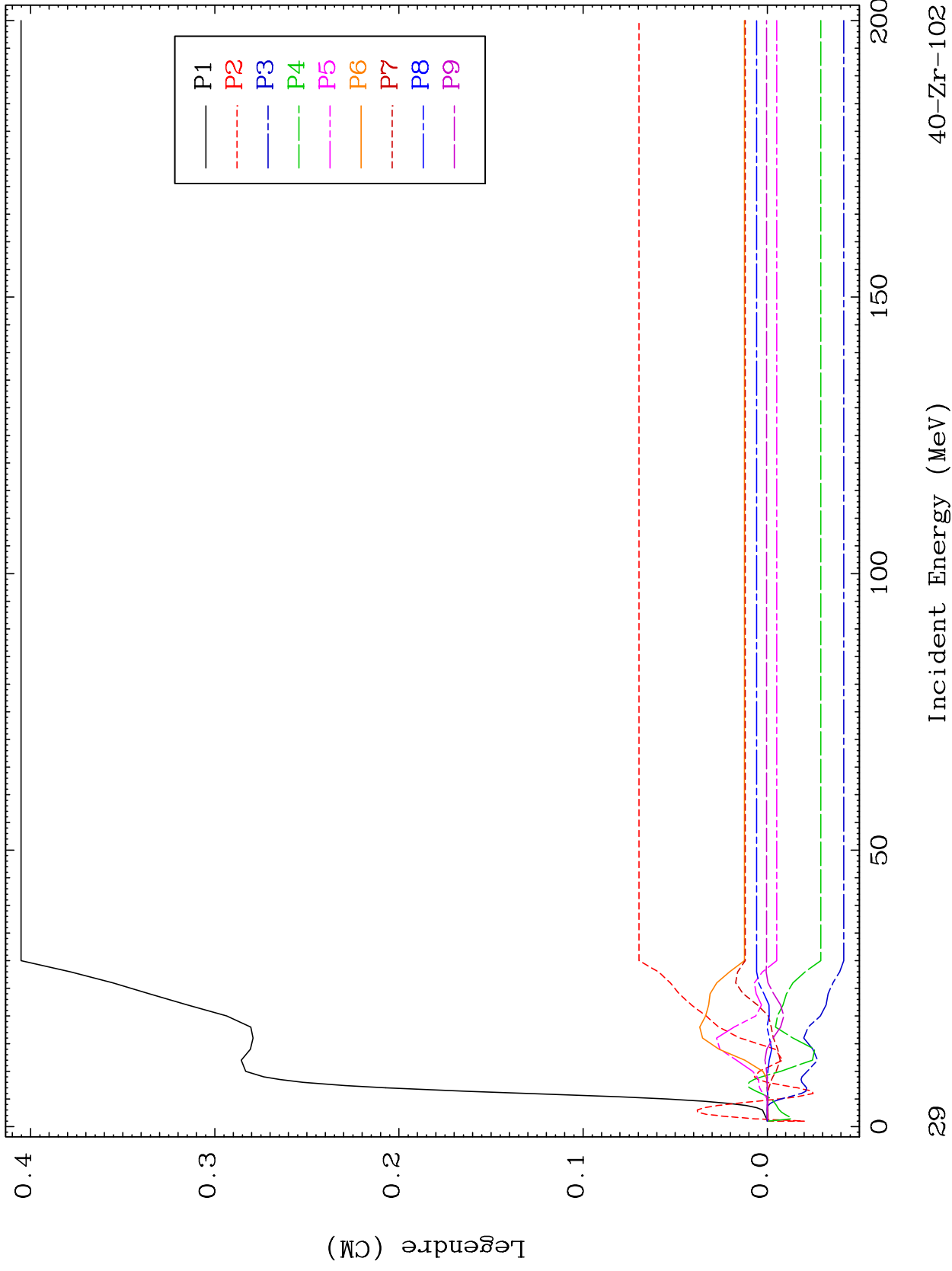




MAT 4061

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

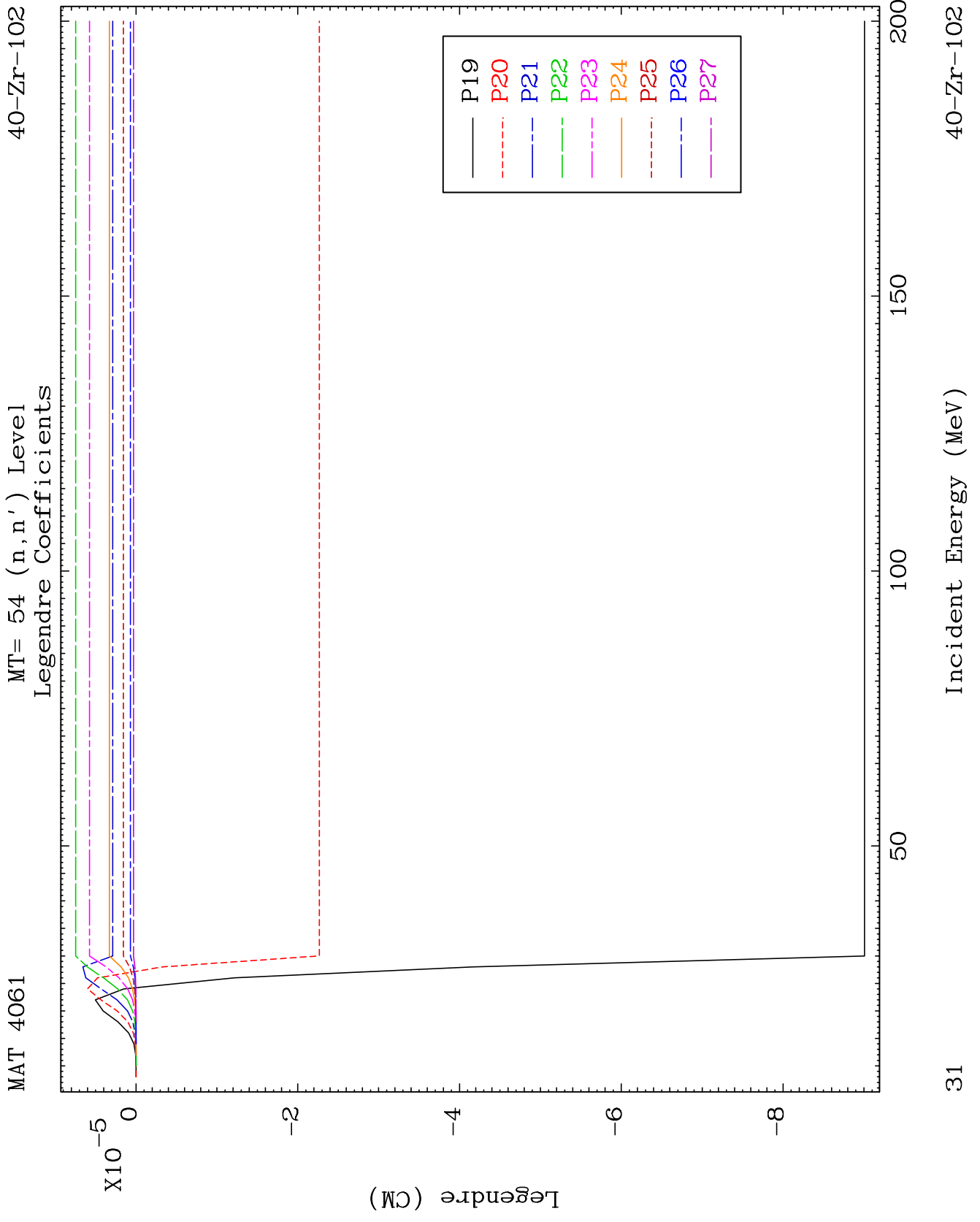
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29

Incident Energy (MeV)

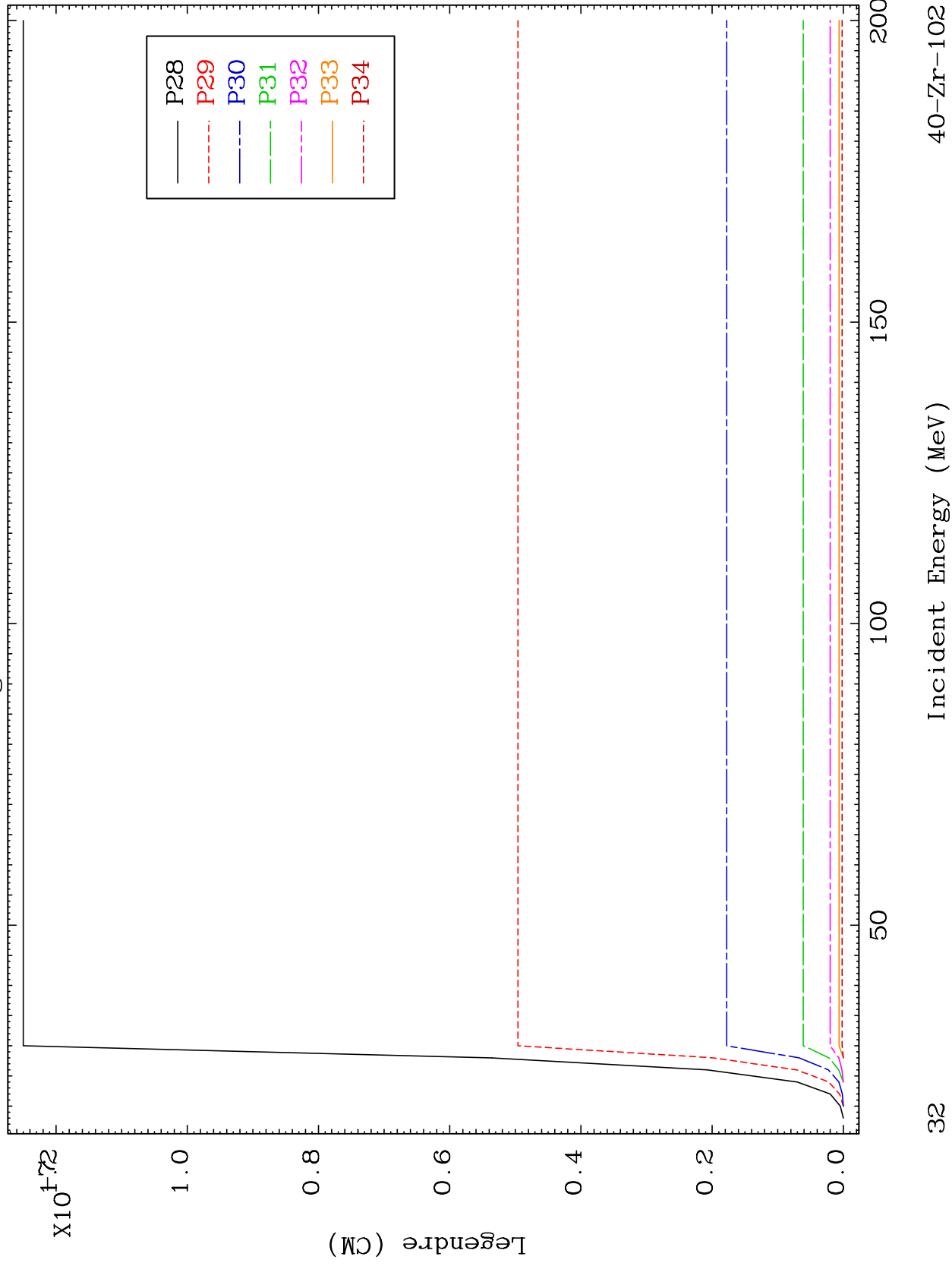
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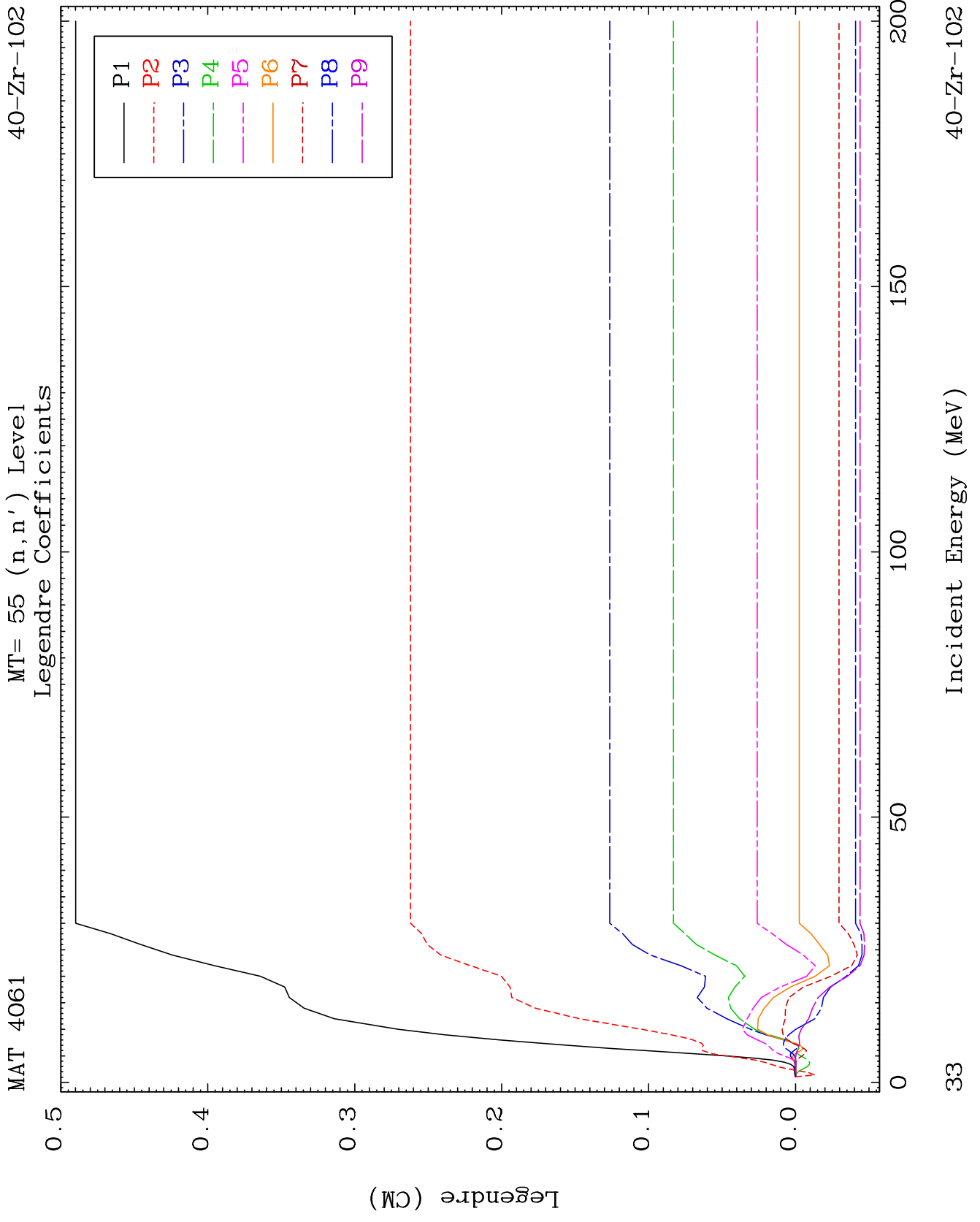
MAT 4061

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

40-Zr-102



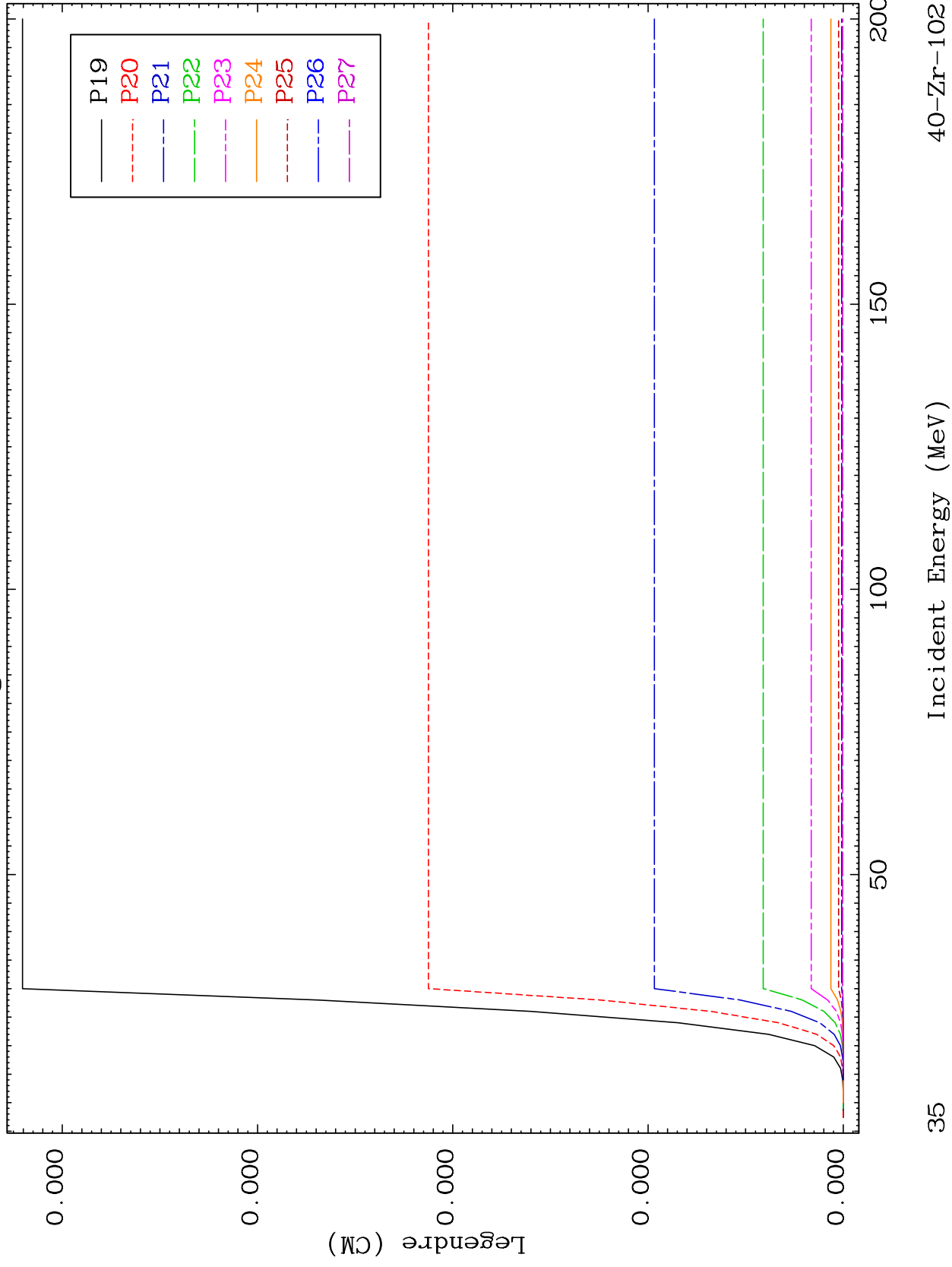
32



MAT 4061

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

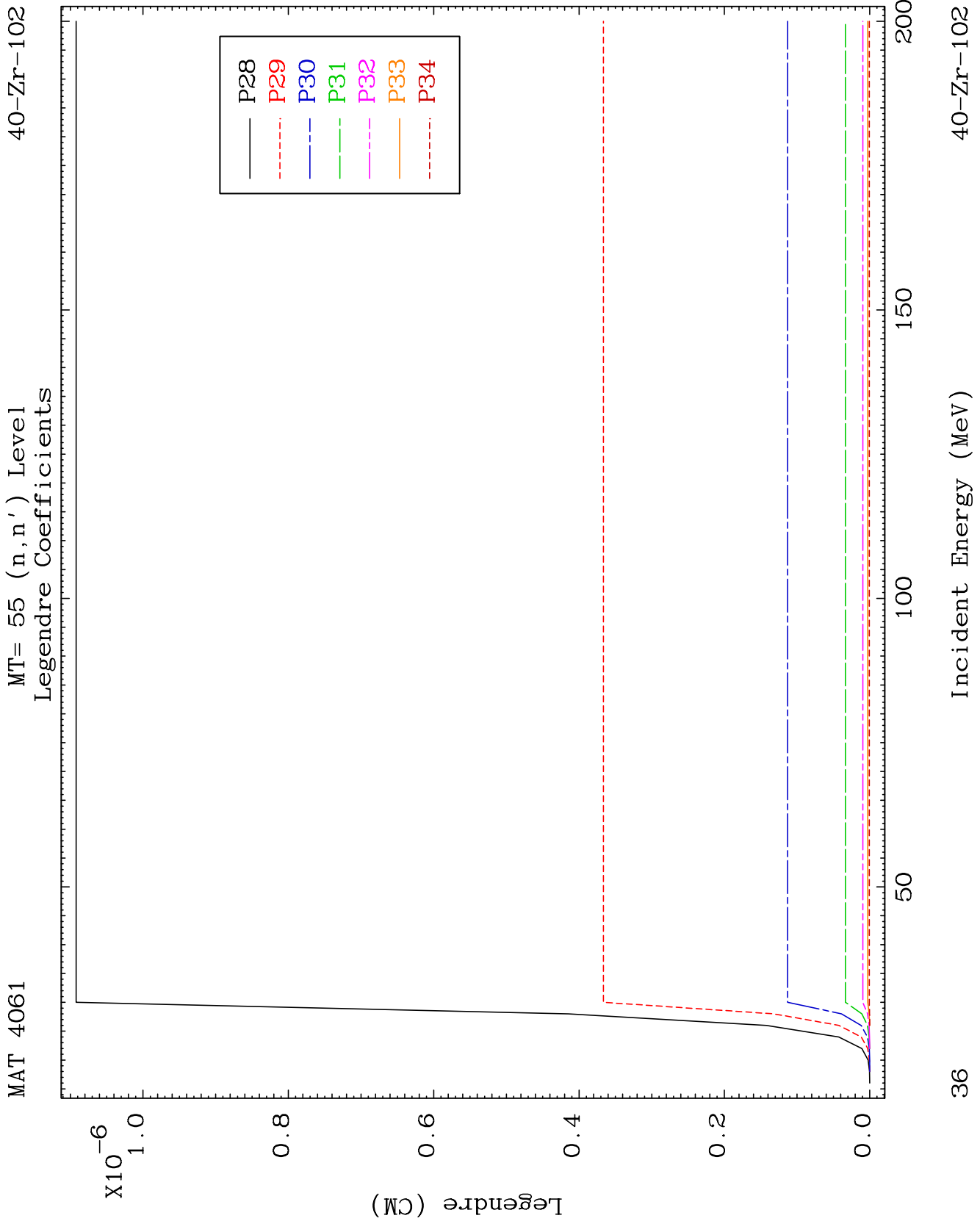
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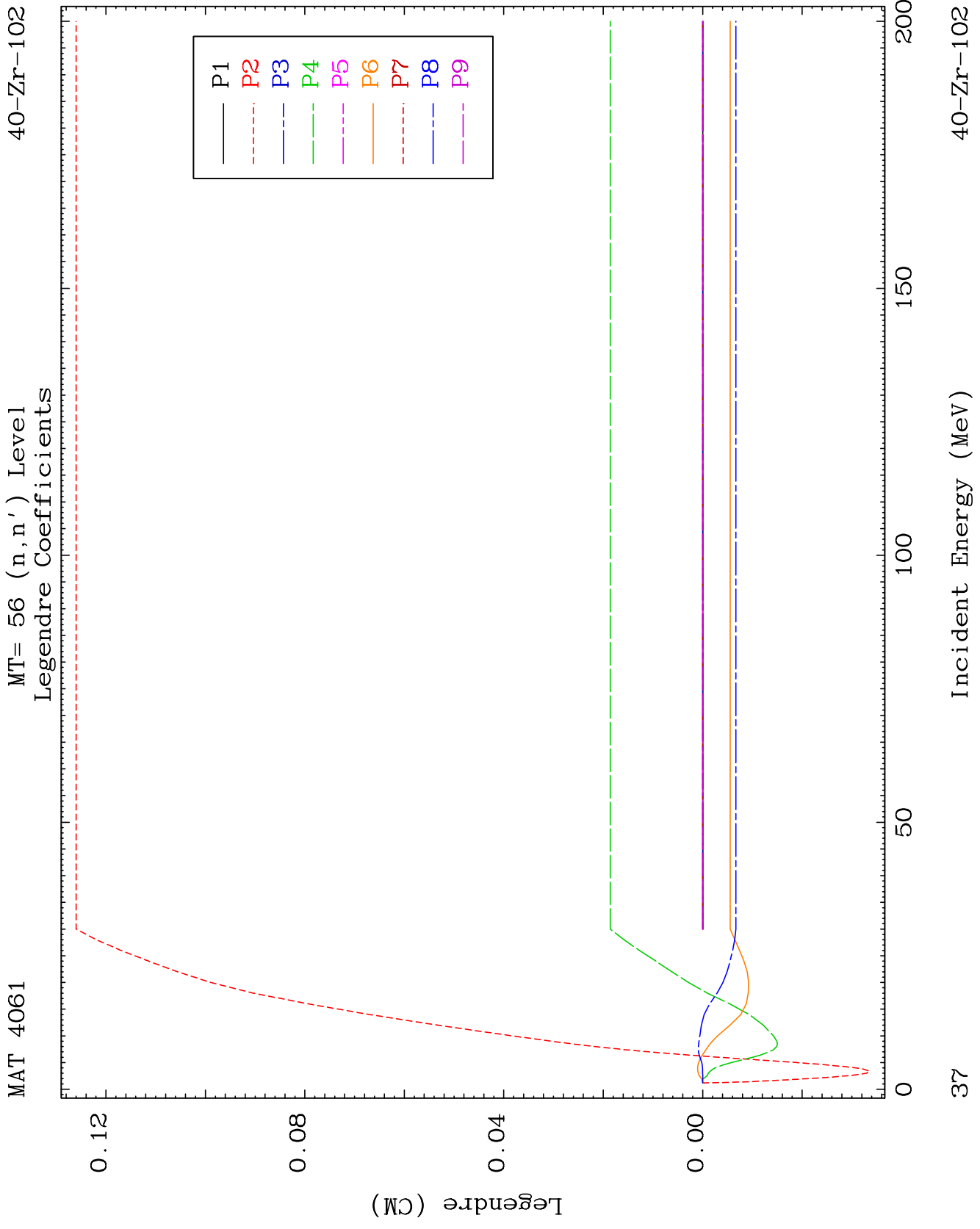


35

Incident Energy (MeV)

40-Zr-102

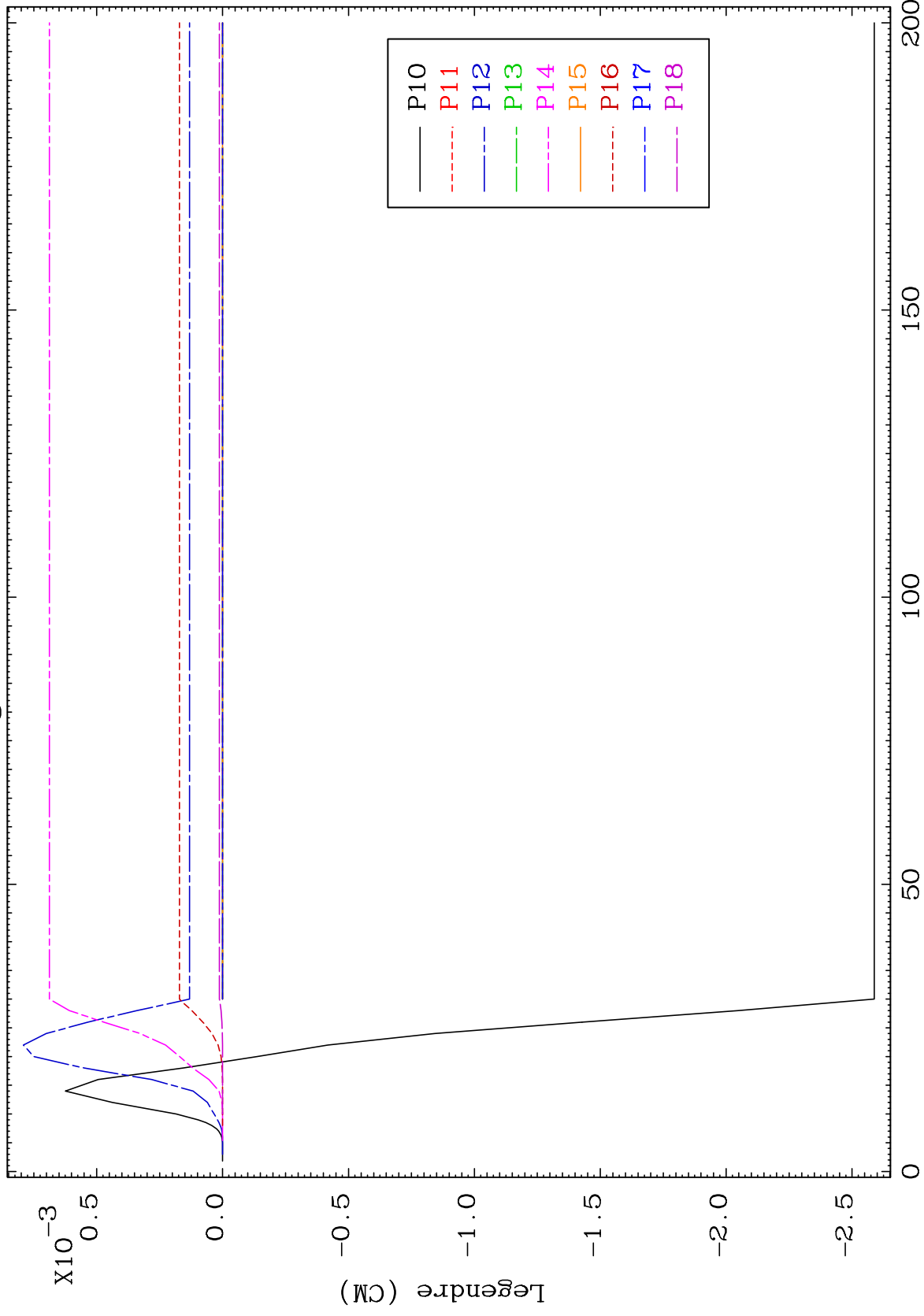




MAT 4061

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

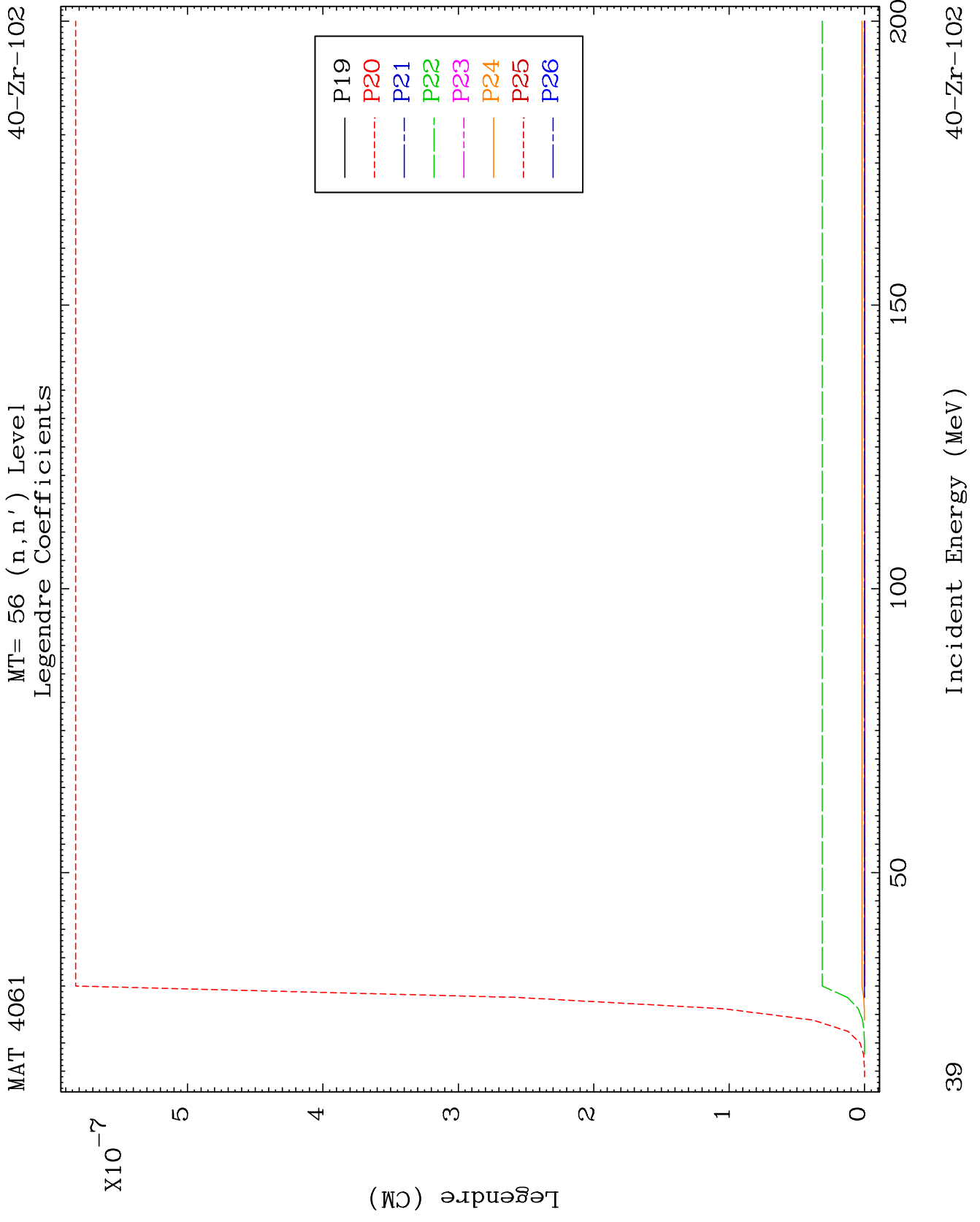
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38

Incident Energy (MeV)

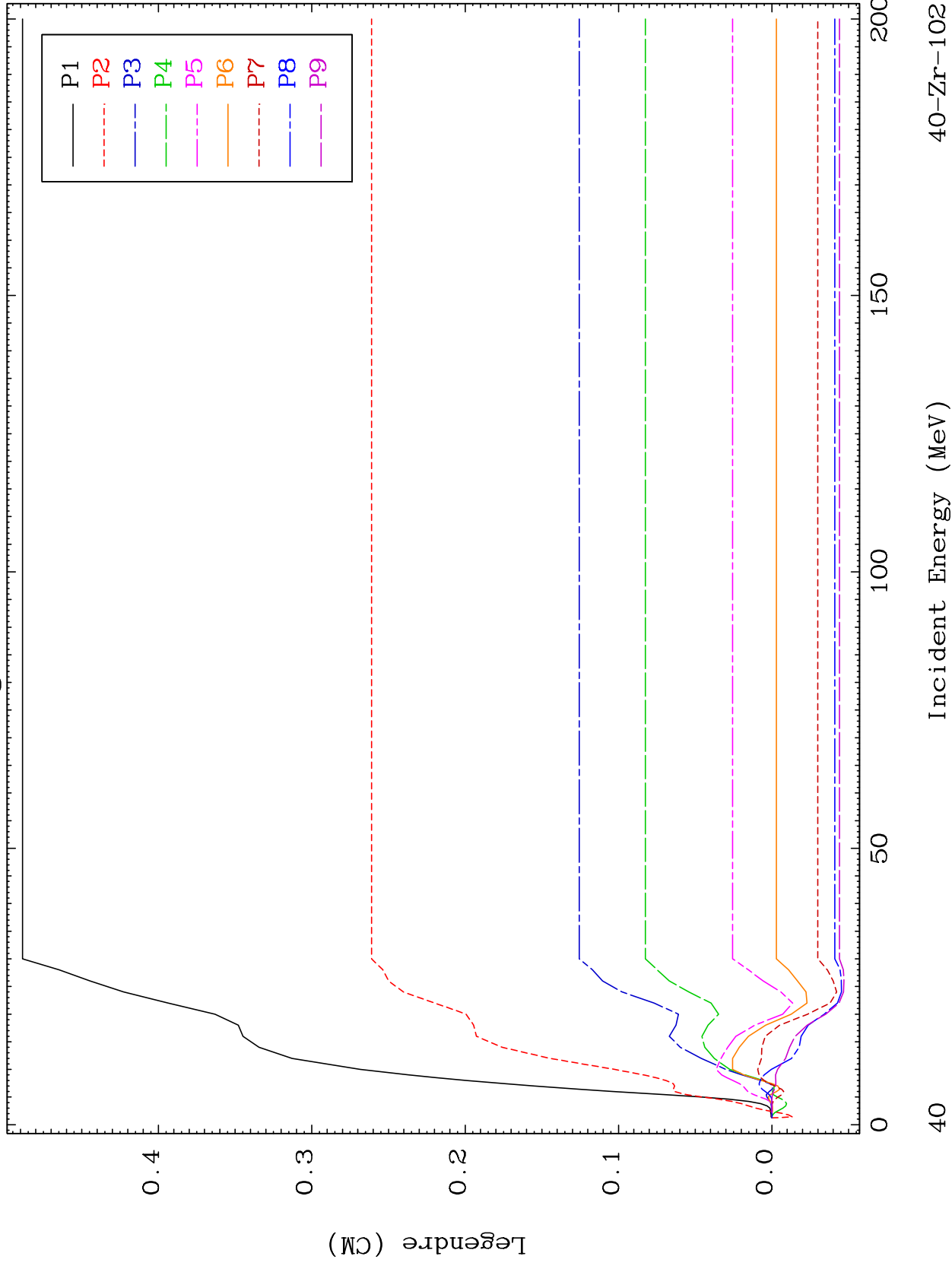
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MAT 4061

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

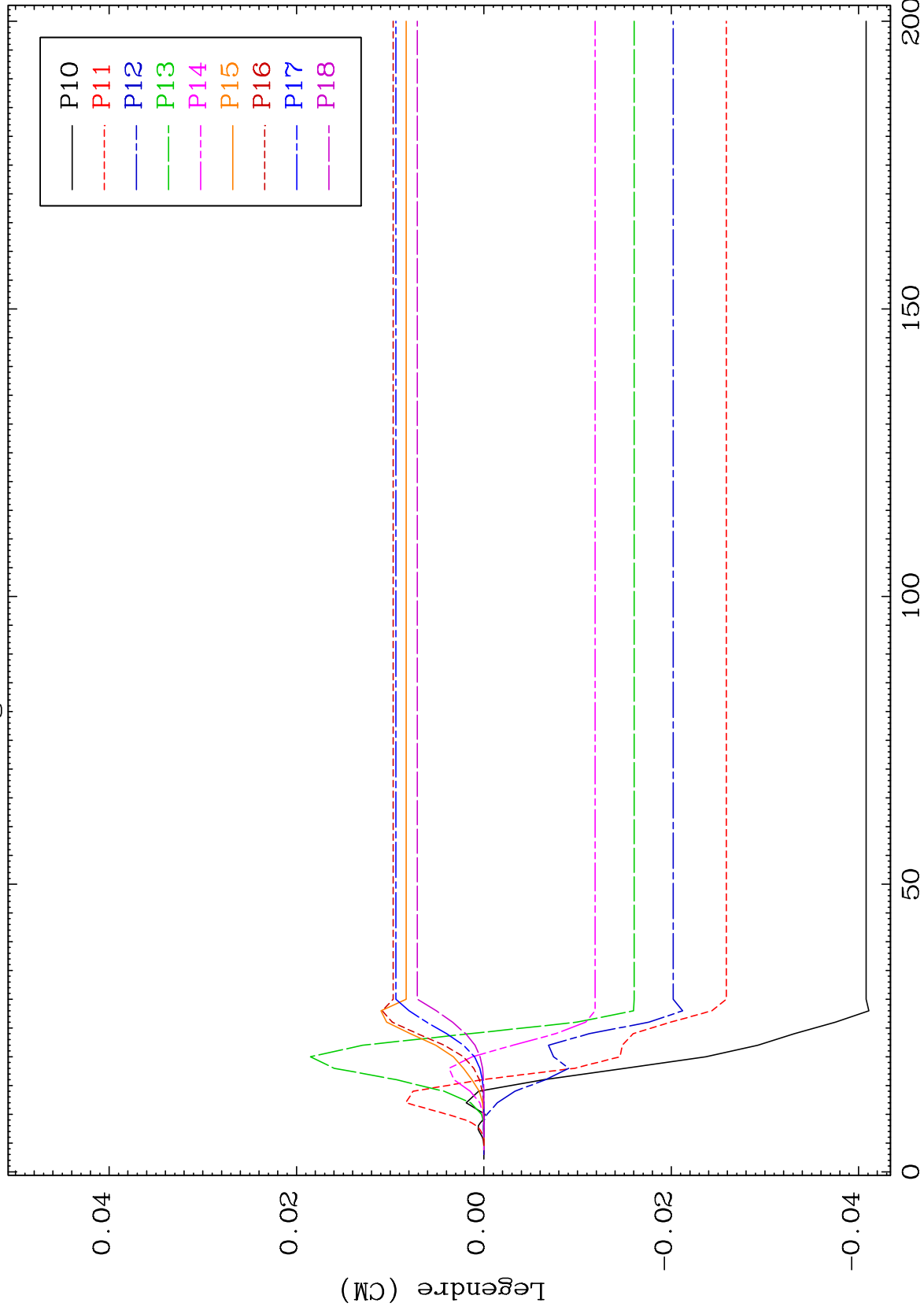
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MAT 4061

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

40-Zr-102



41

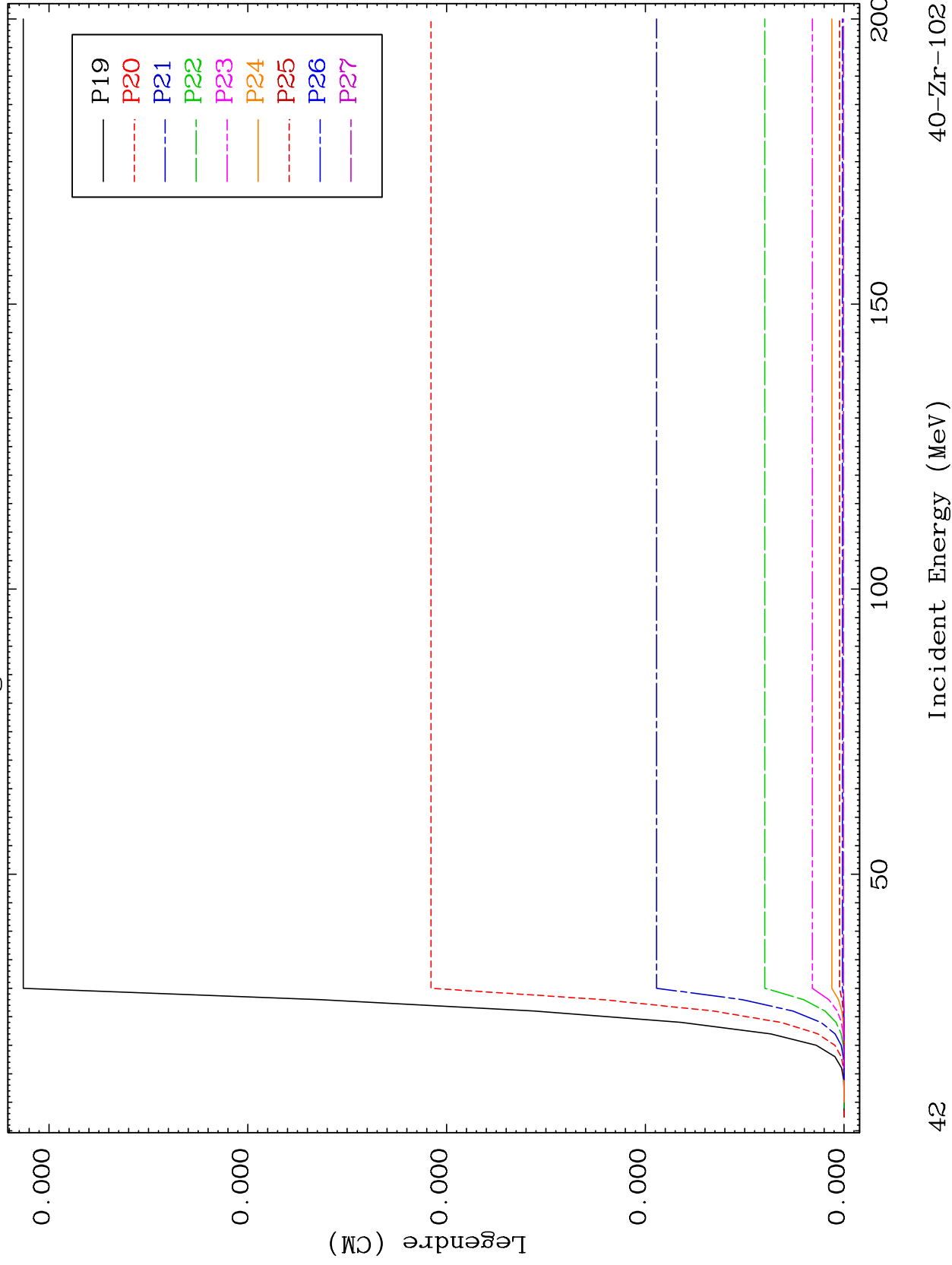
Incident Energy (MeV)

40-Zr-102

MAT 4061

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

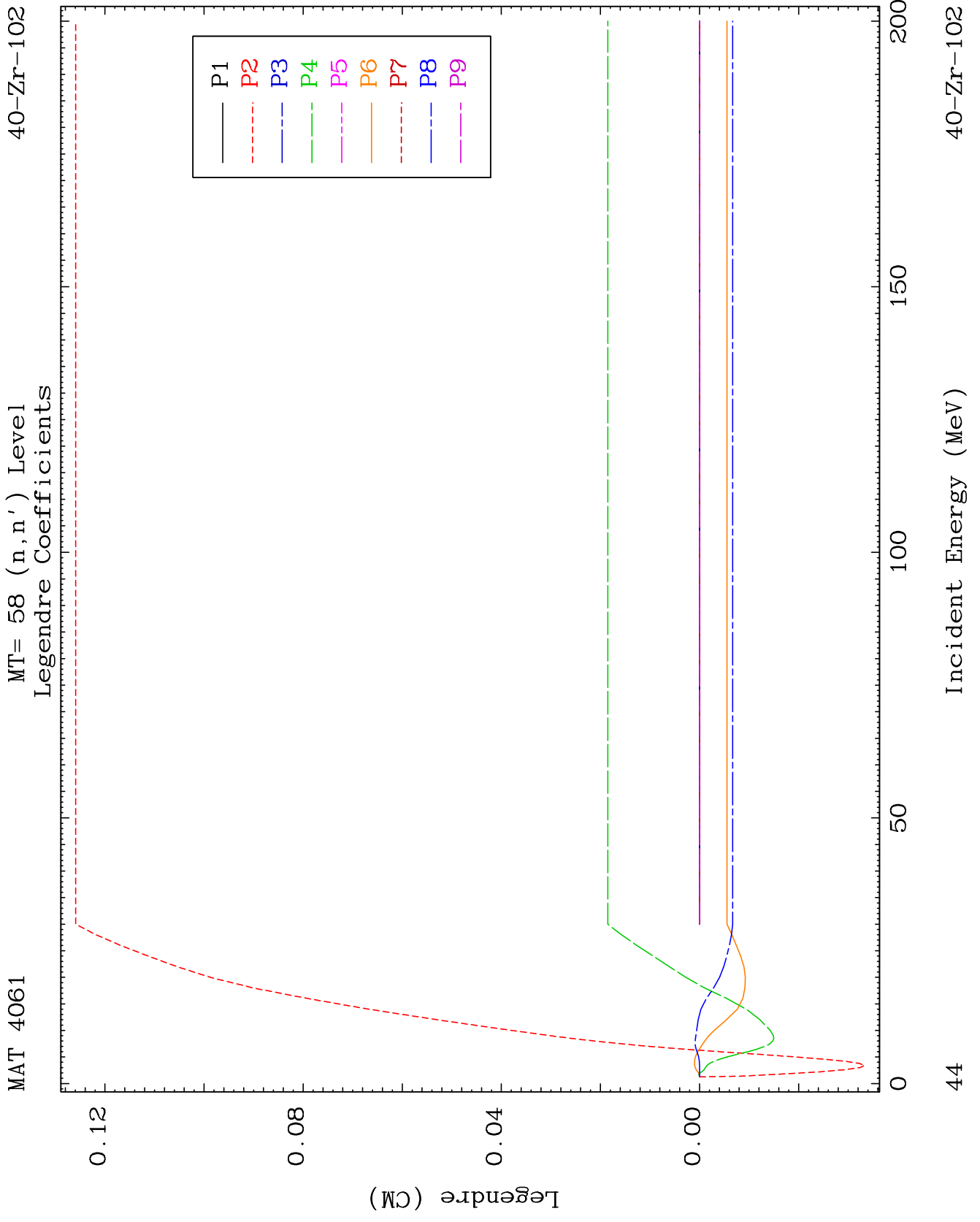
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42

Incident Energy (MeV)

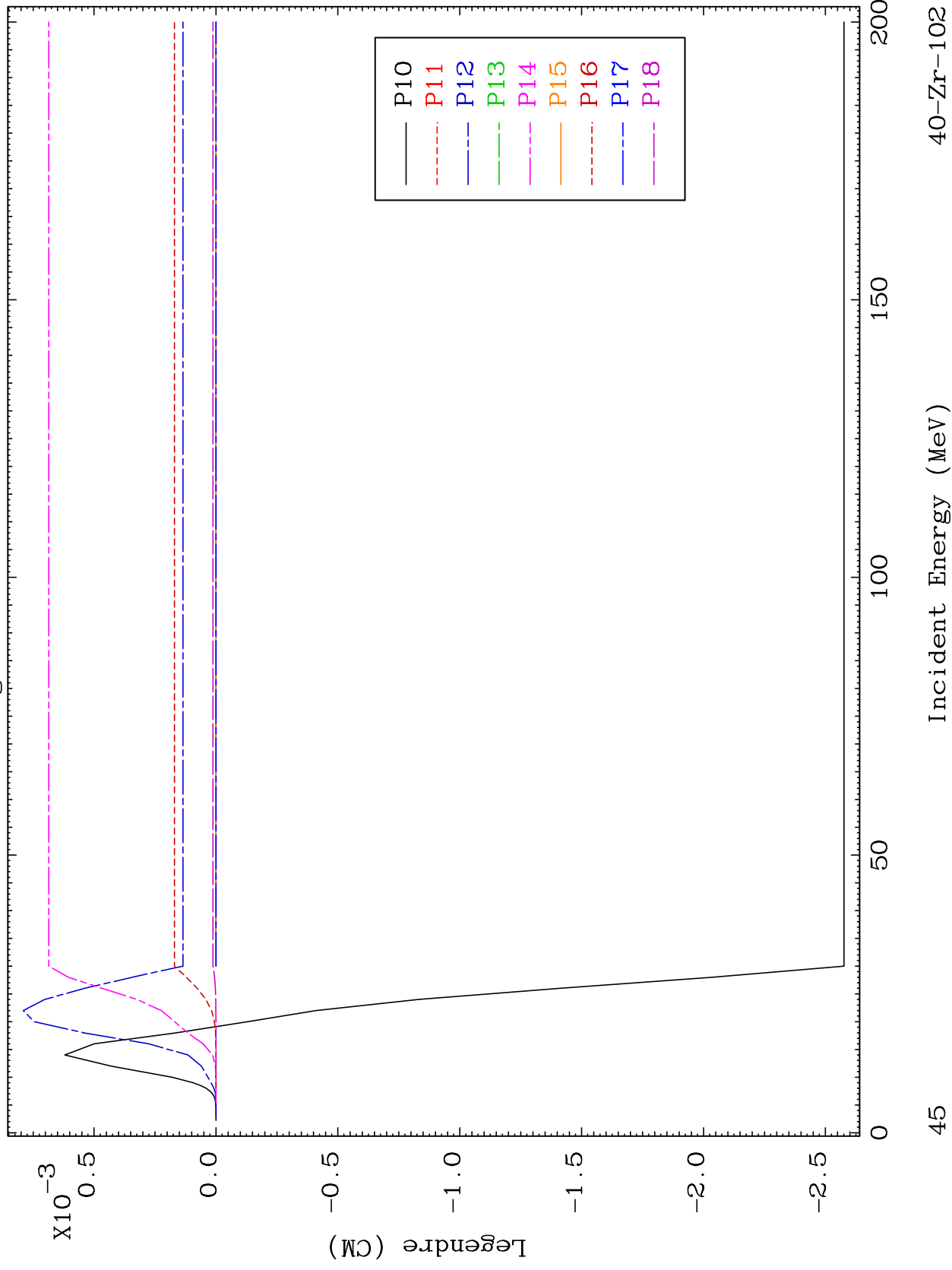
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MAT 4061

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

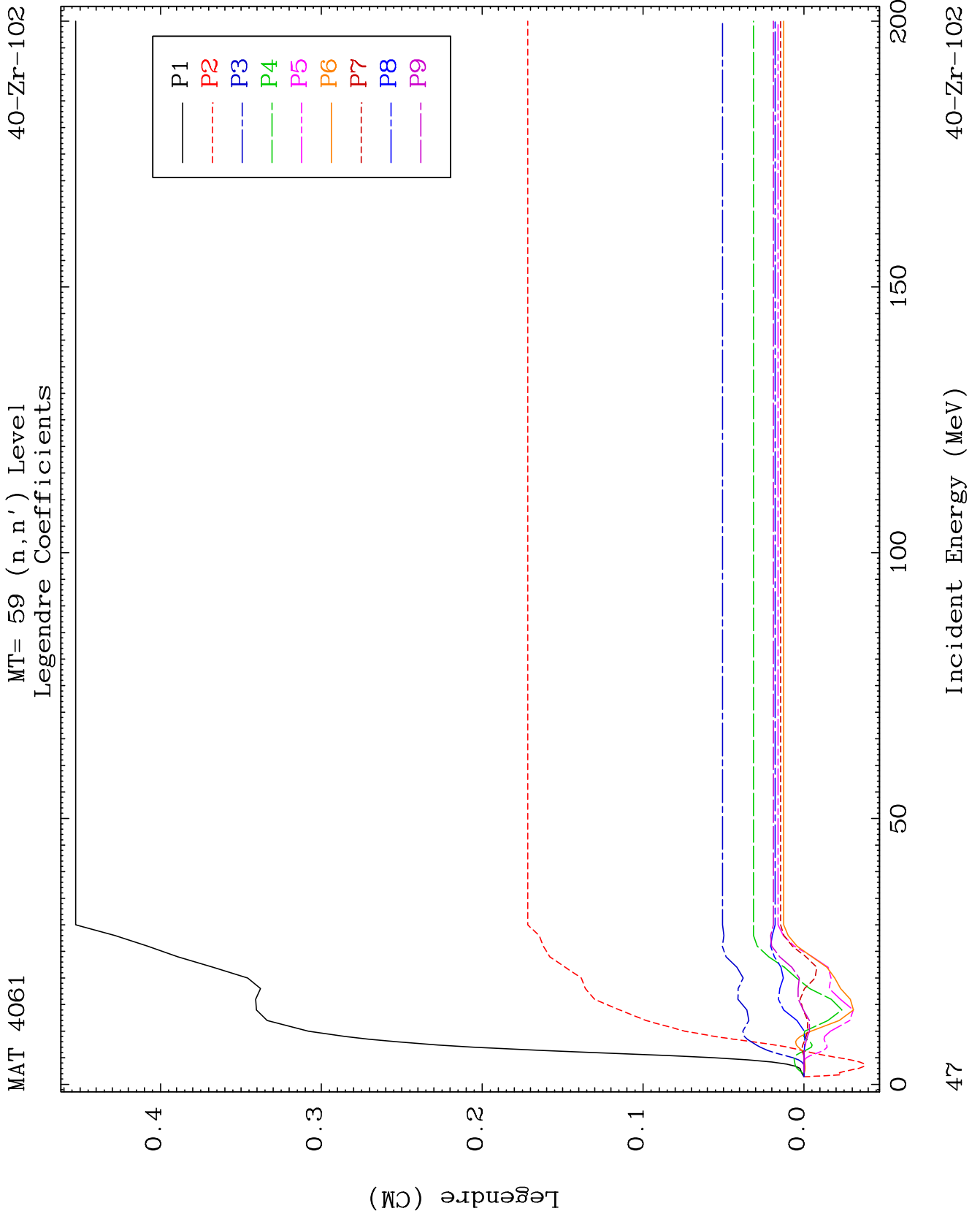
40-Zr-102



40-Zr-102

Incident Energy (MeV)

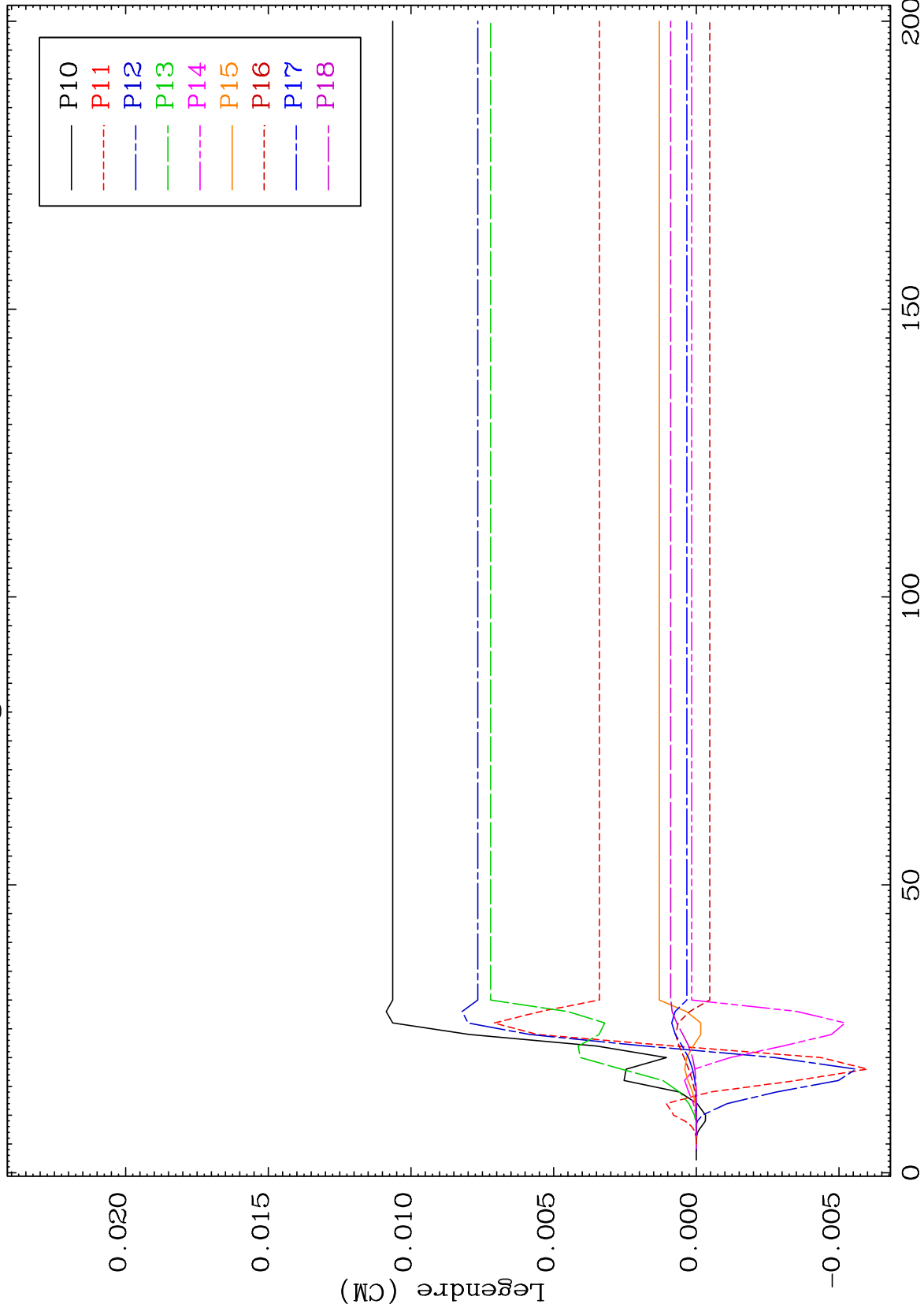
45



MAT 4061

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

40-Zr-102



48

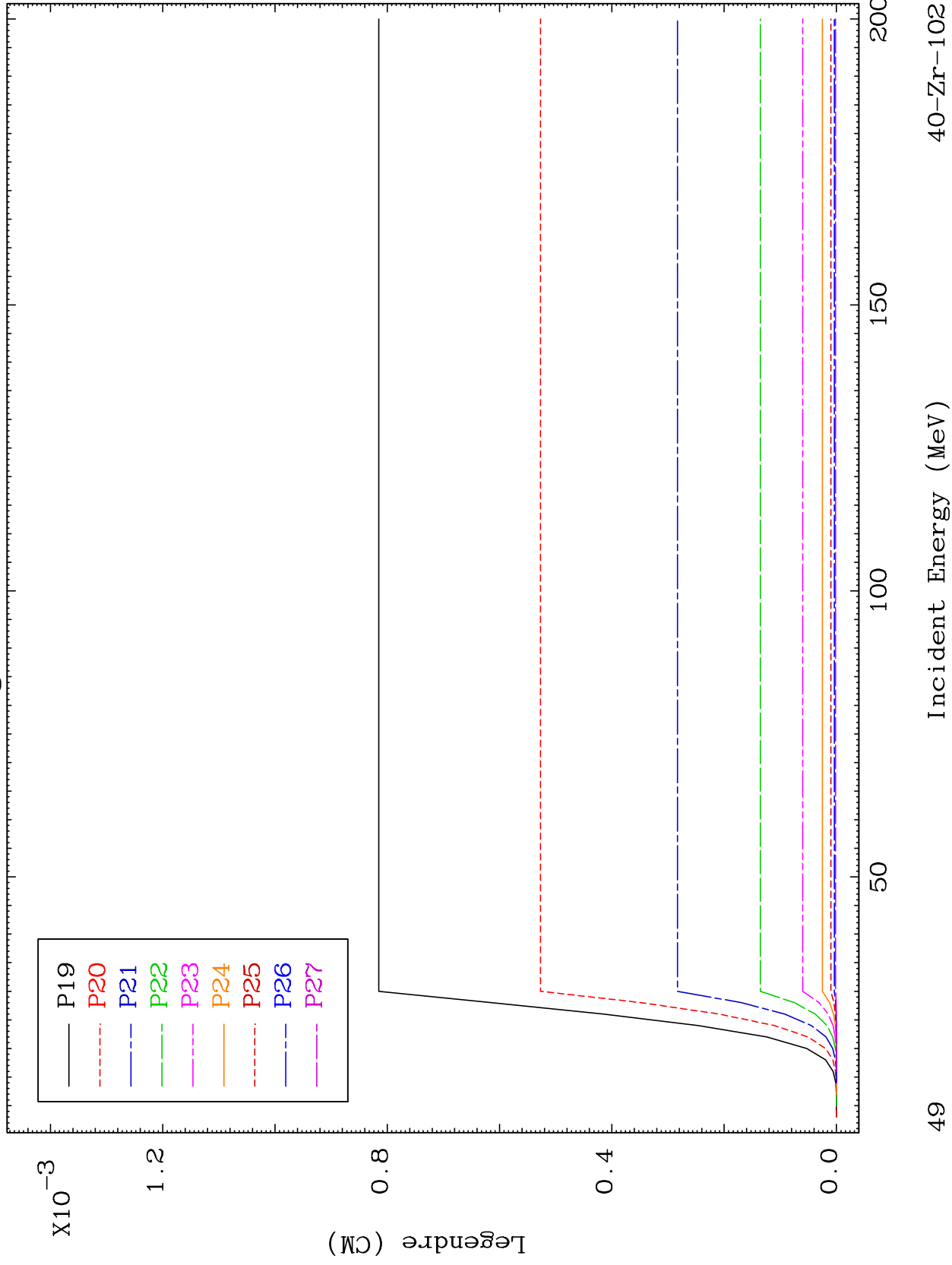
Incident Energy (MeV)

40-Zr-102

MAT 4061

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

40-Zr-102

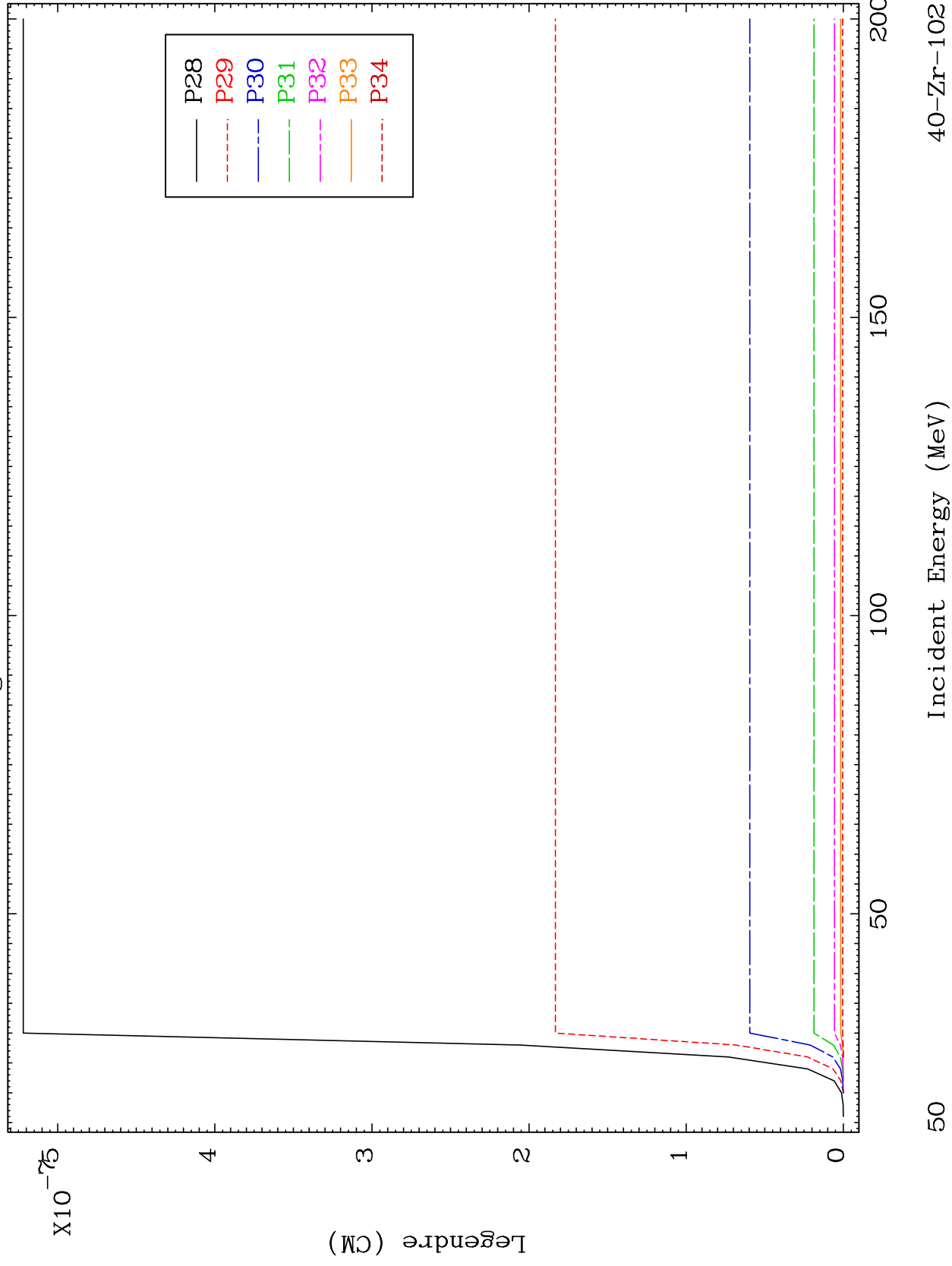


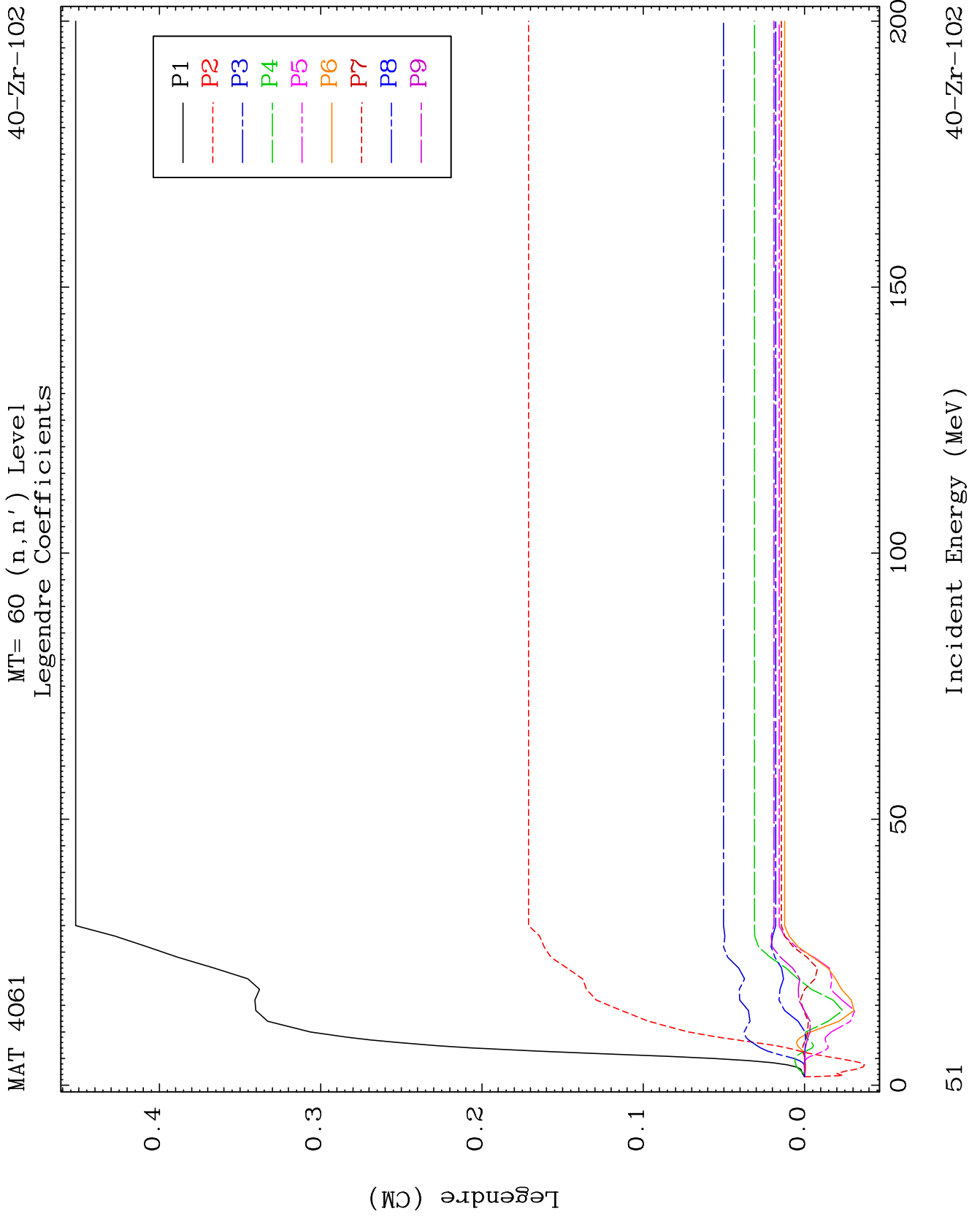
49

MAT 4061

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

40-Zr-102

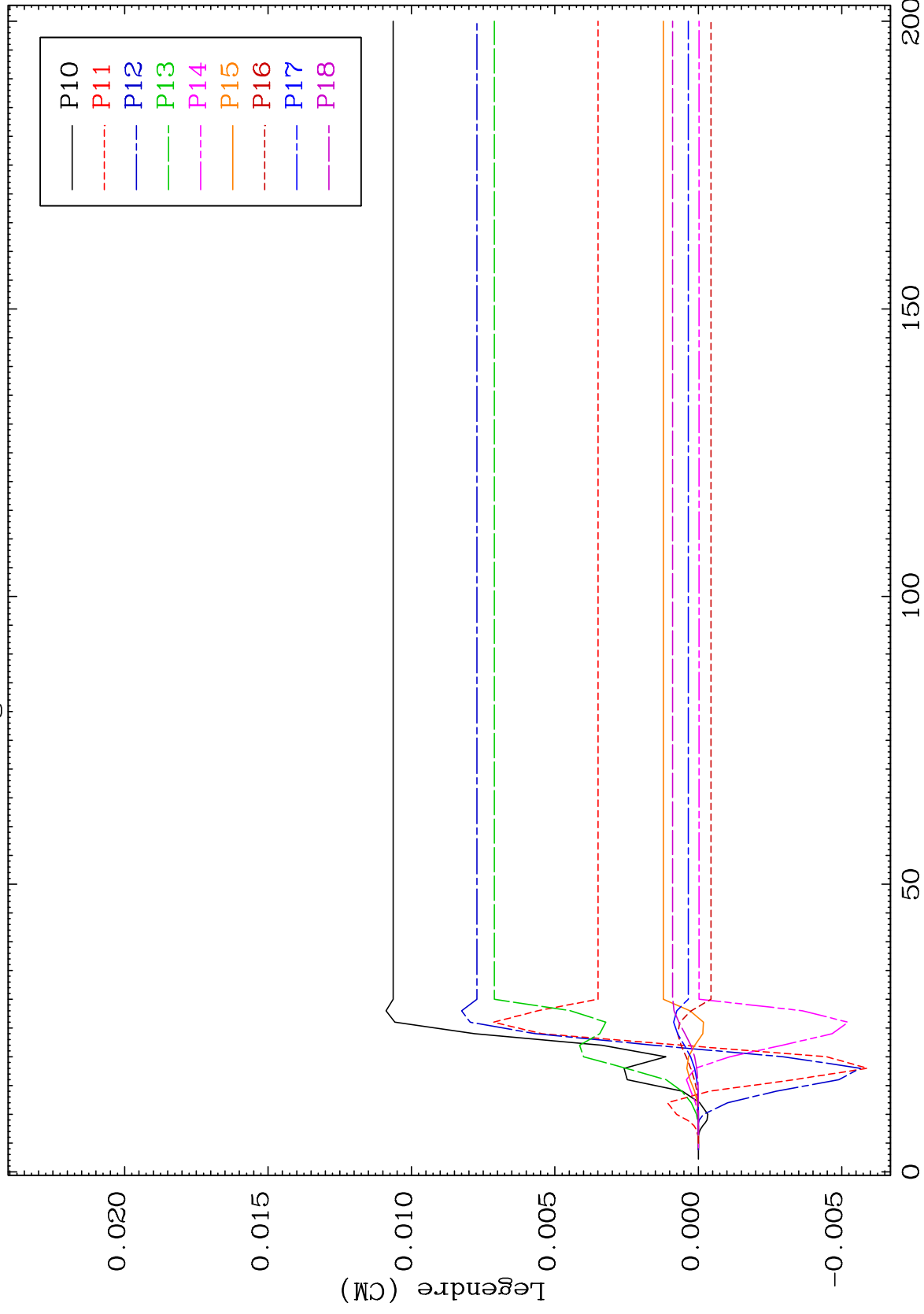




MAT 4061

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

40-Zr-102



52

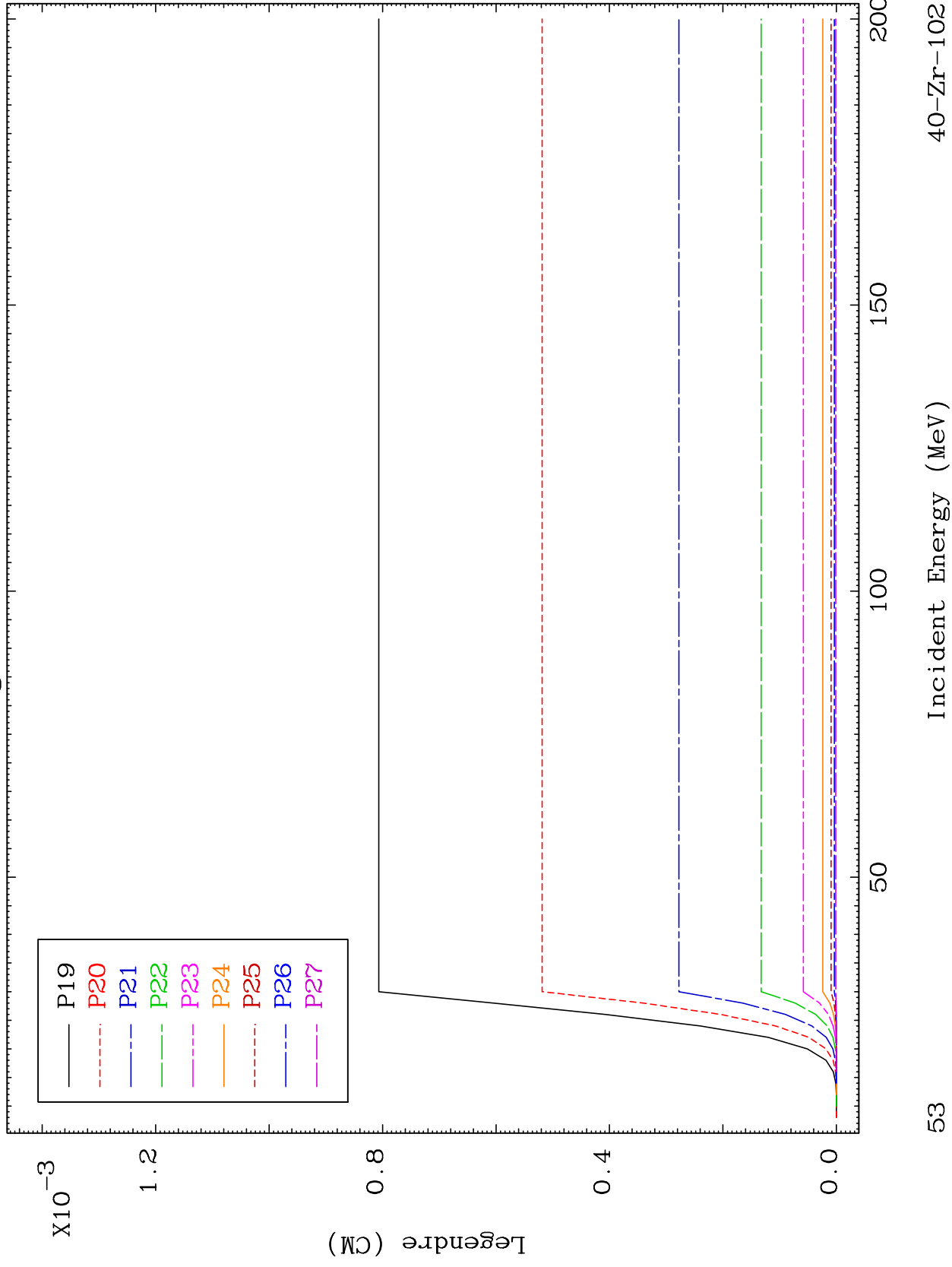
Incident Energy (MeV)

40-Zr-102

MAT 4061

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

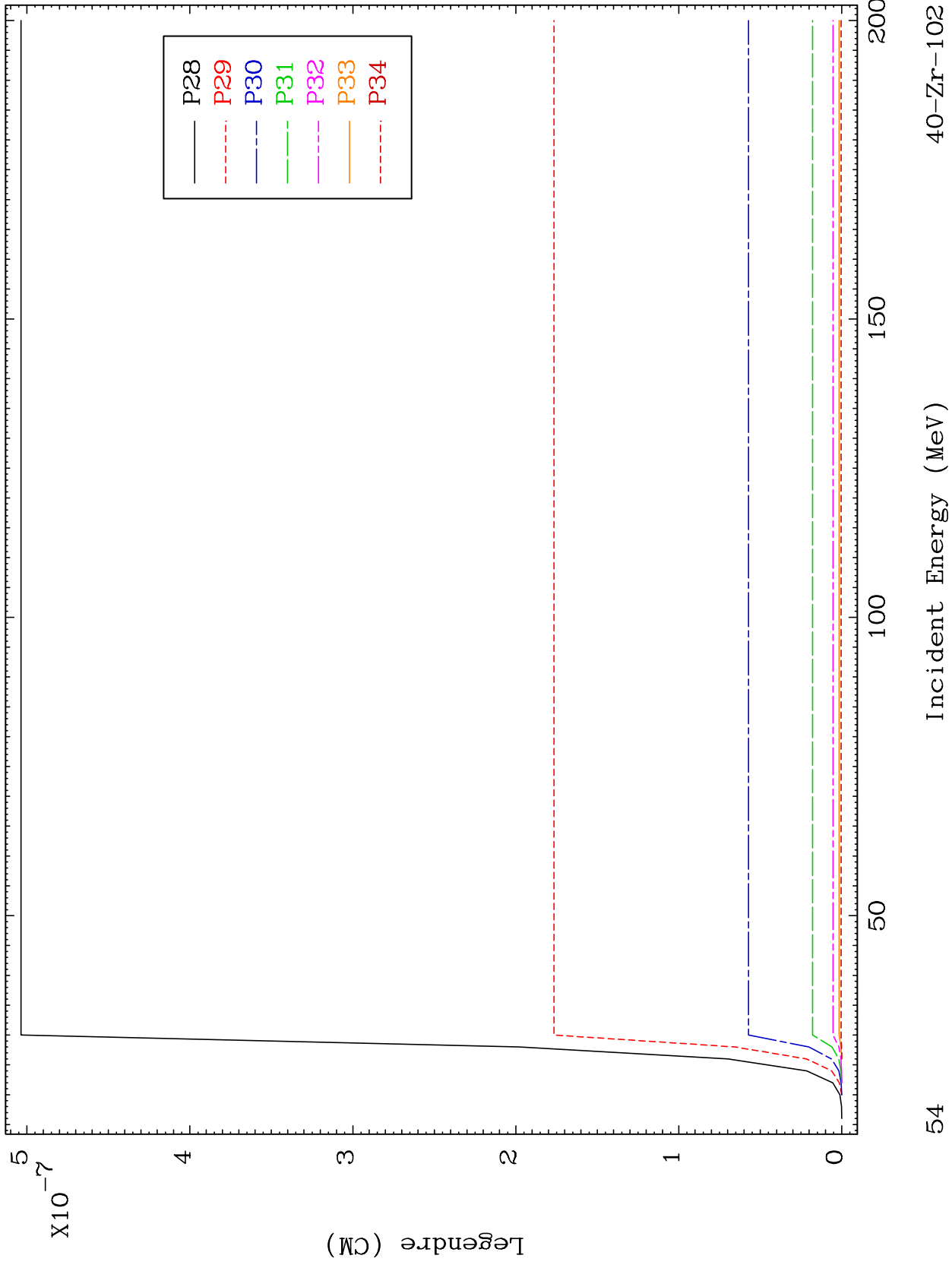
40-Zr-102



MAT 4061

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

40-Zr-102



54

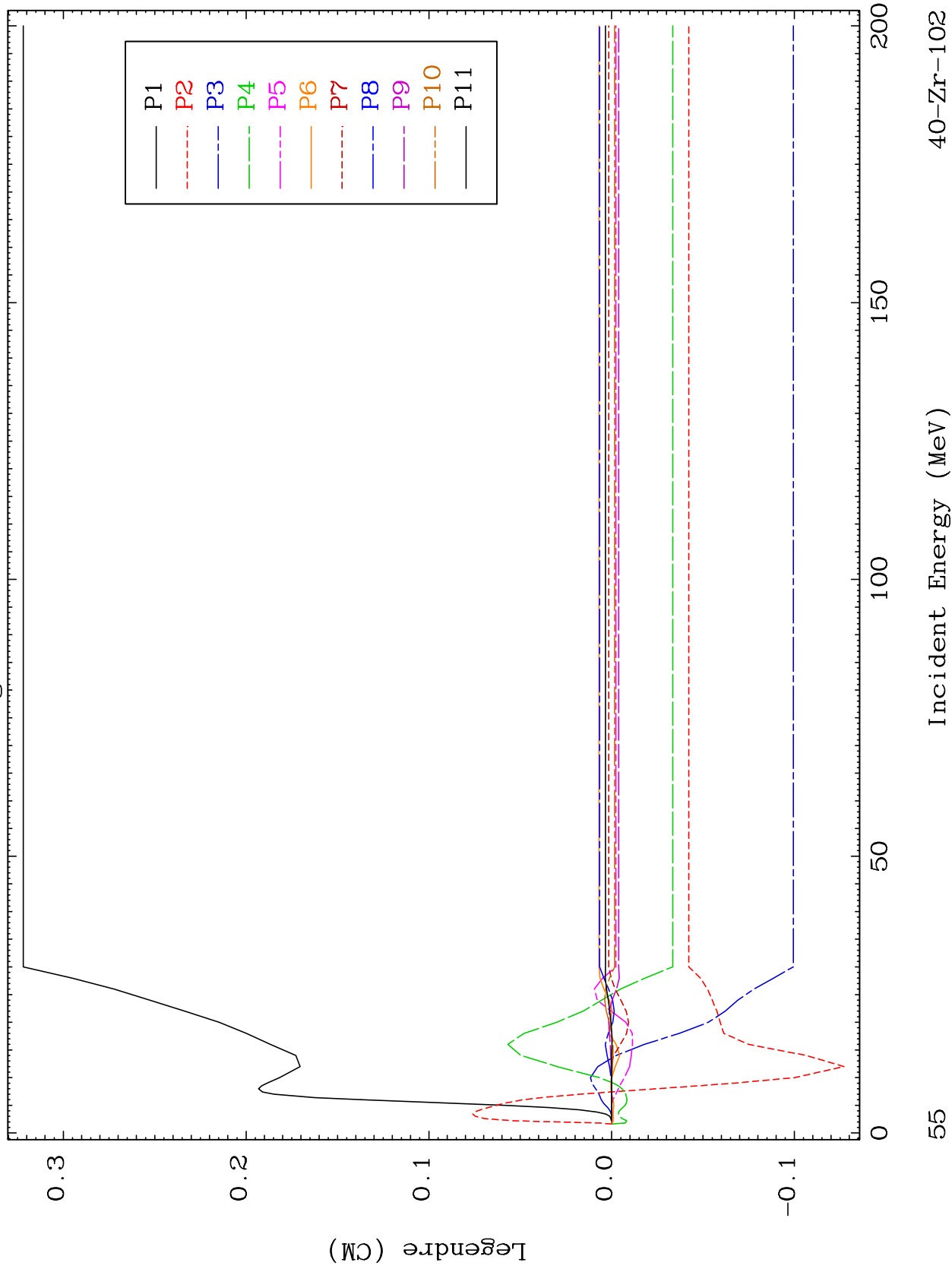
Incident Energy (MeV)

40-Zr-102

MAT 4061

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

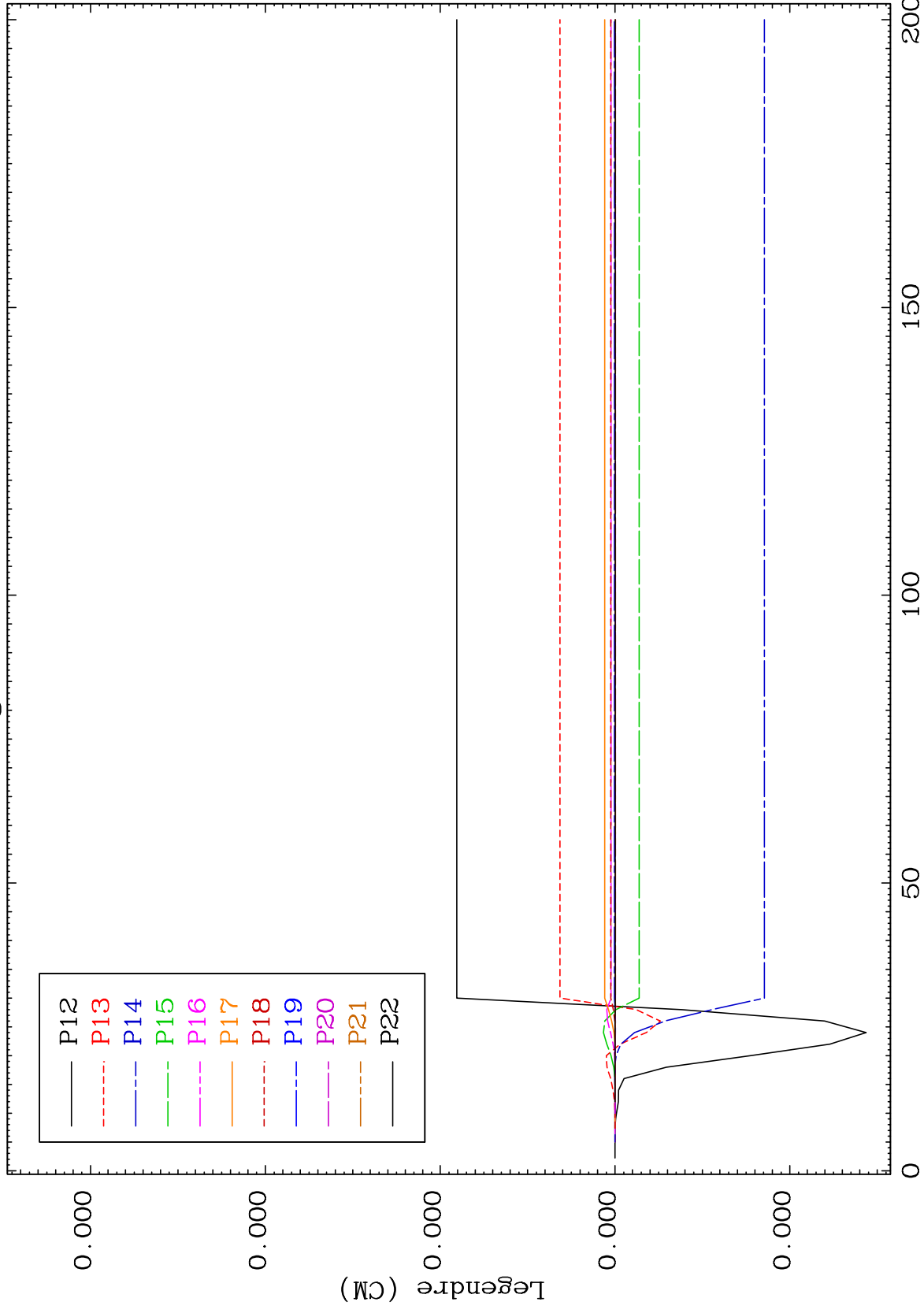
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MAT 4061

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

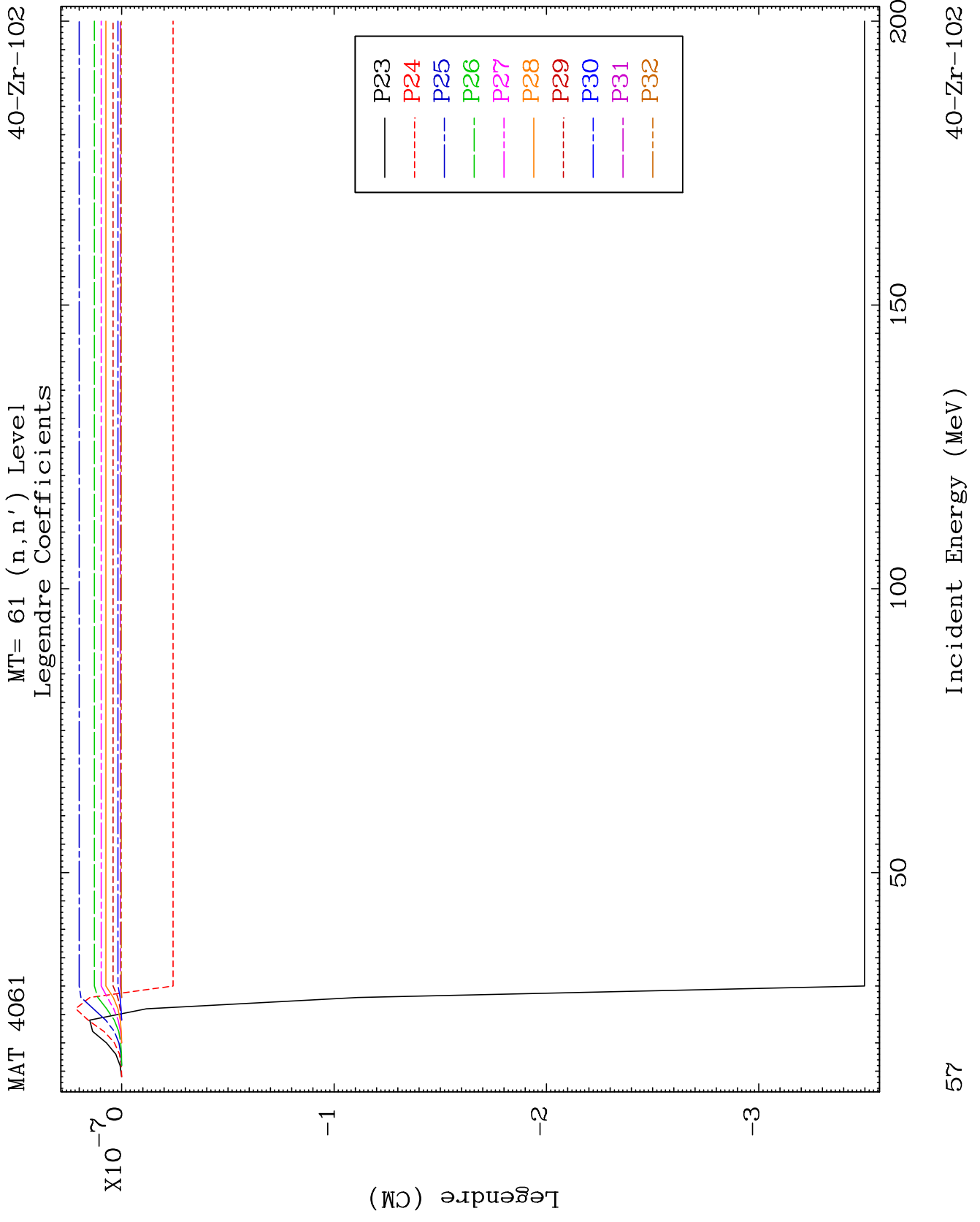
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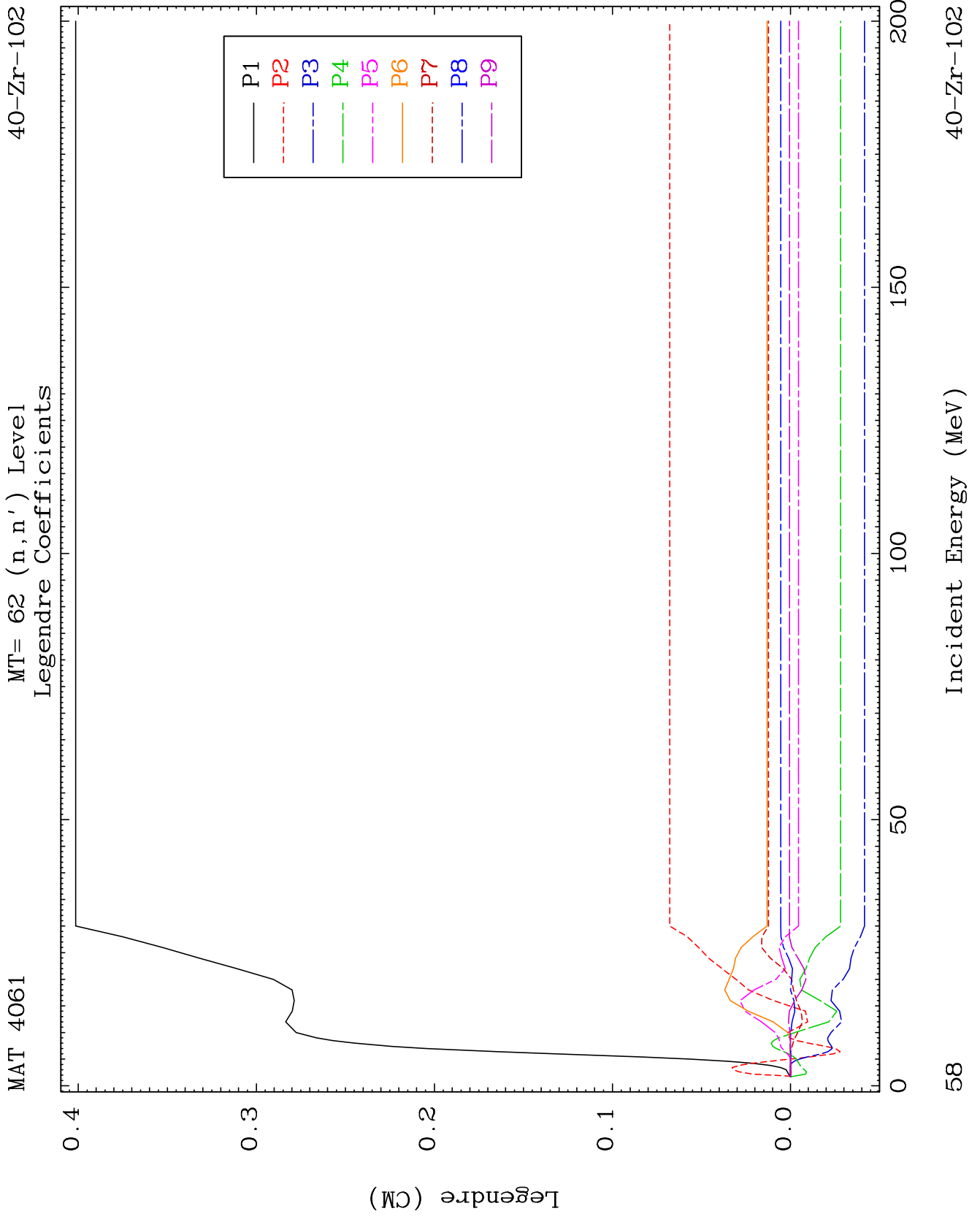


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Incident Energy (MeV)

40-Zr-102

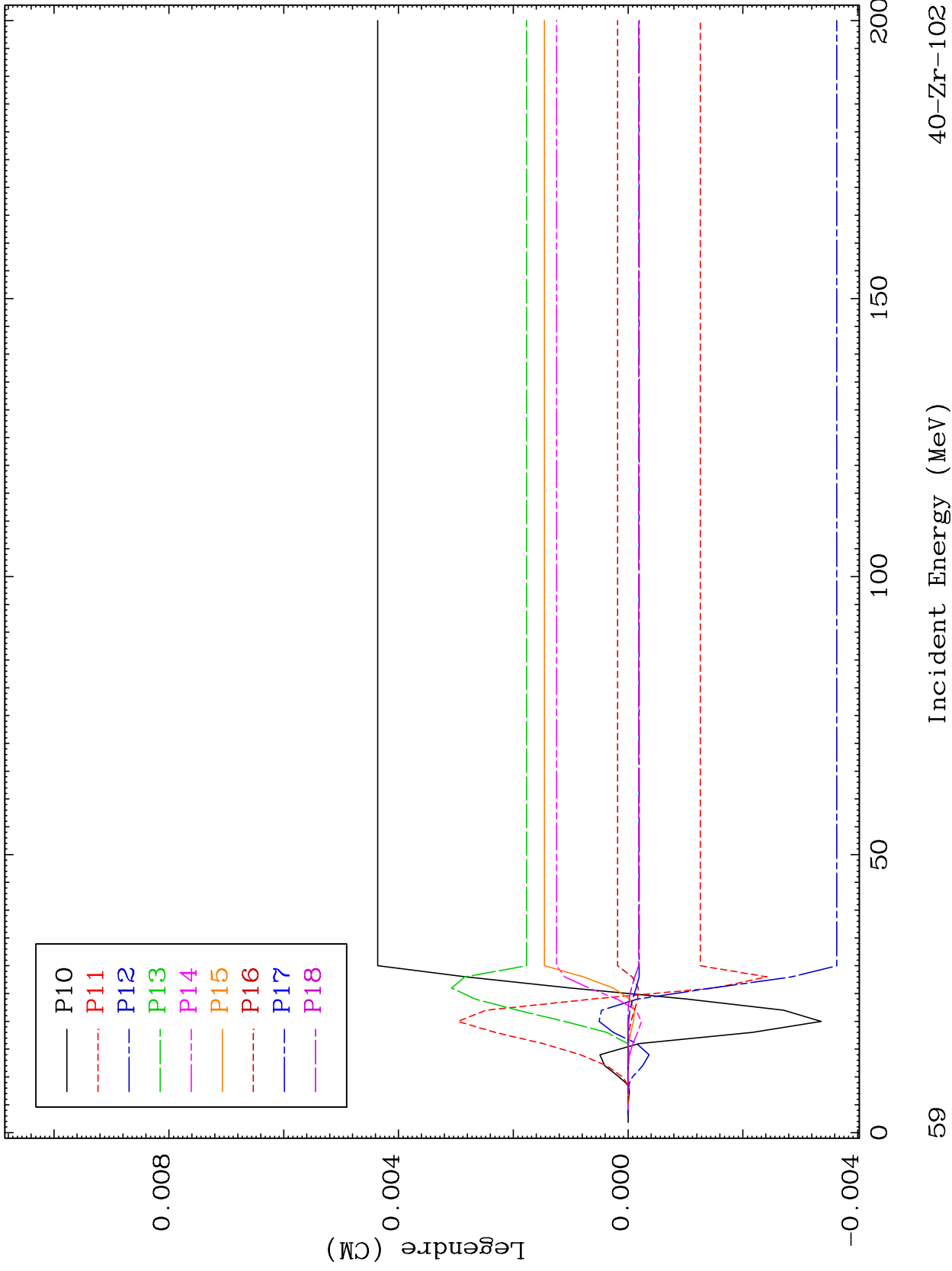




MAT 4061

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

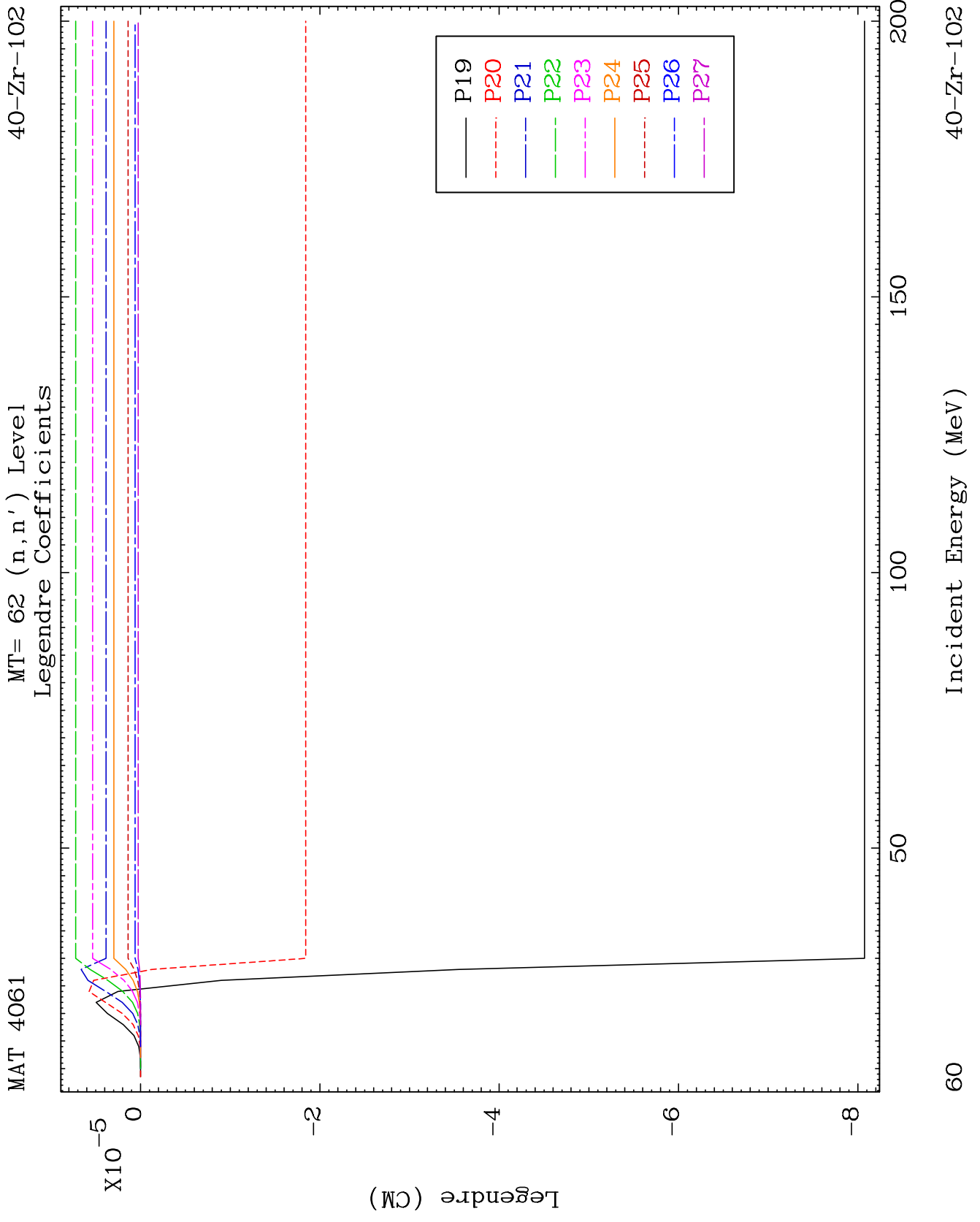
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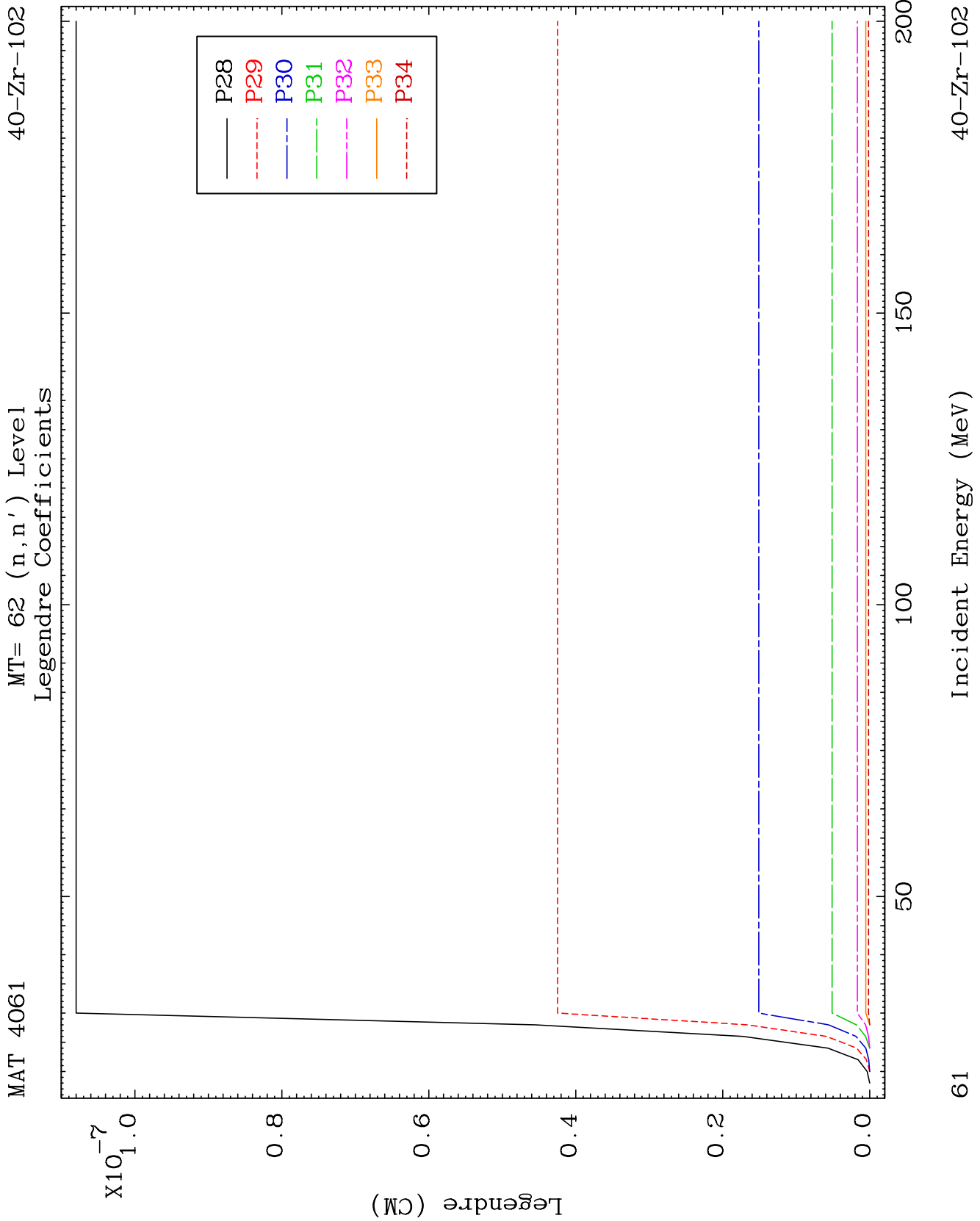


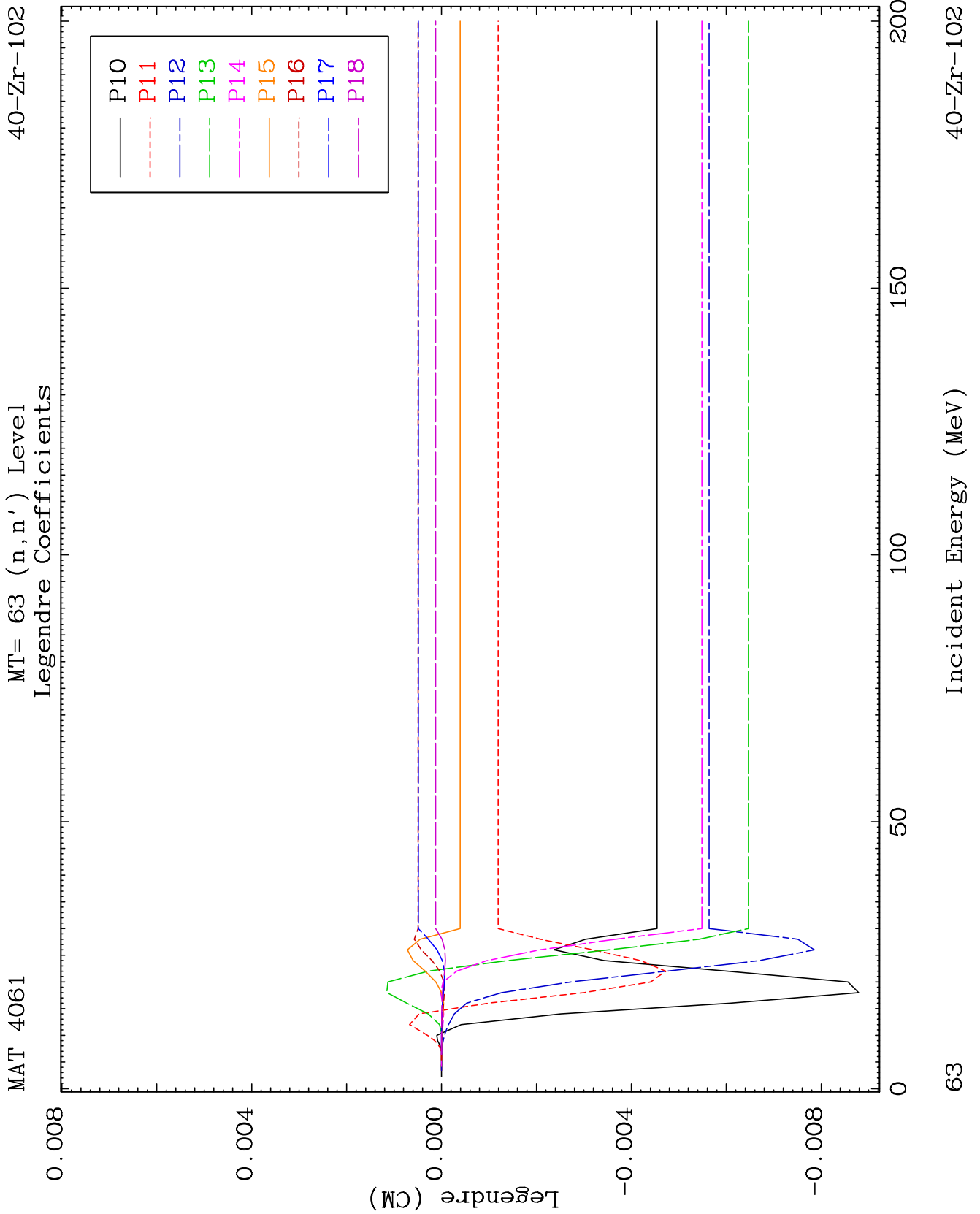
59

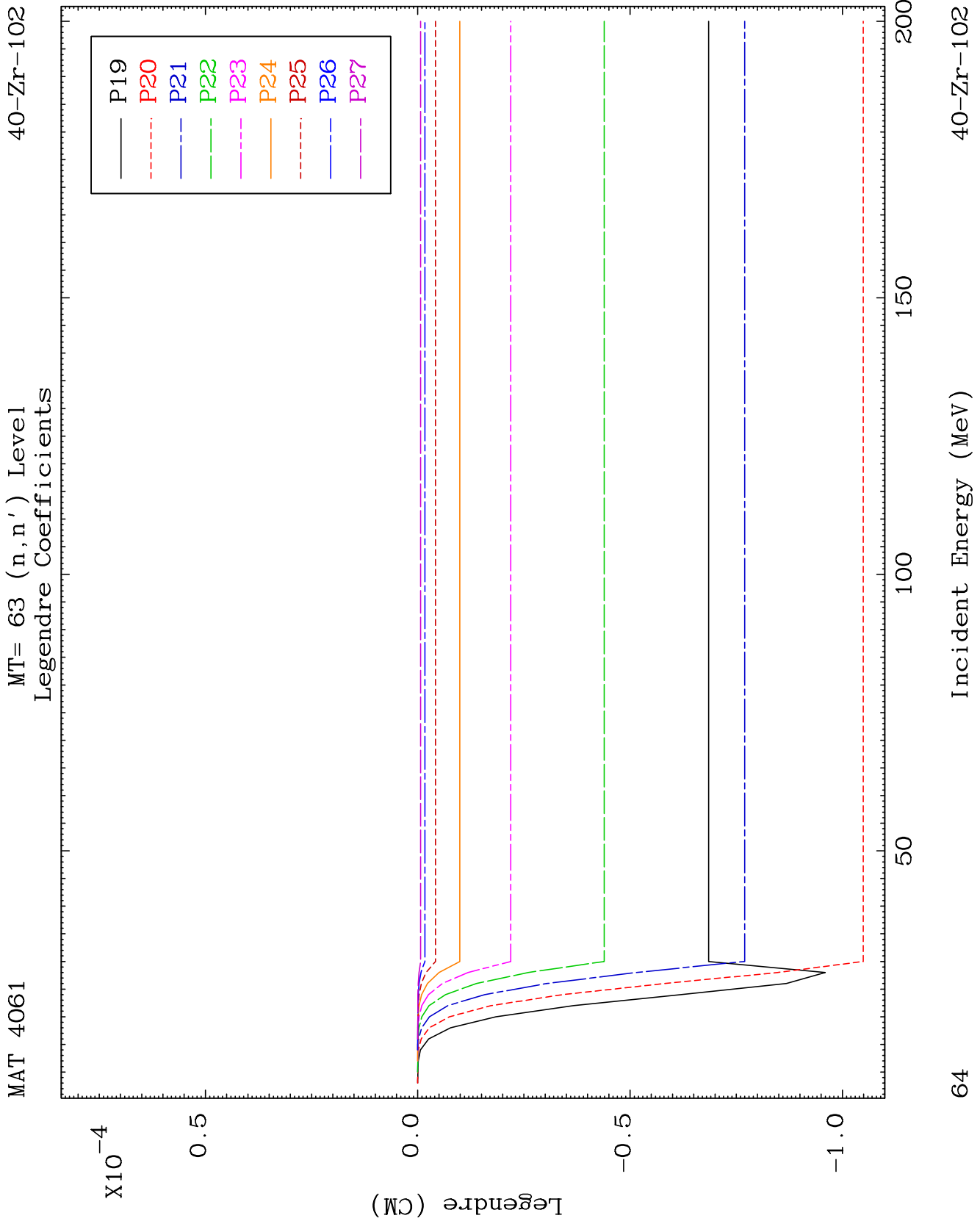
Incident Energy (MeV)

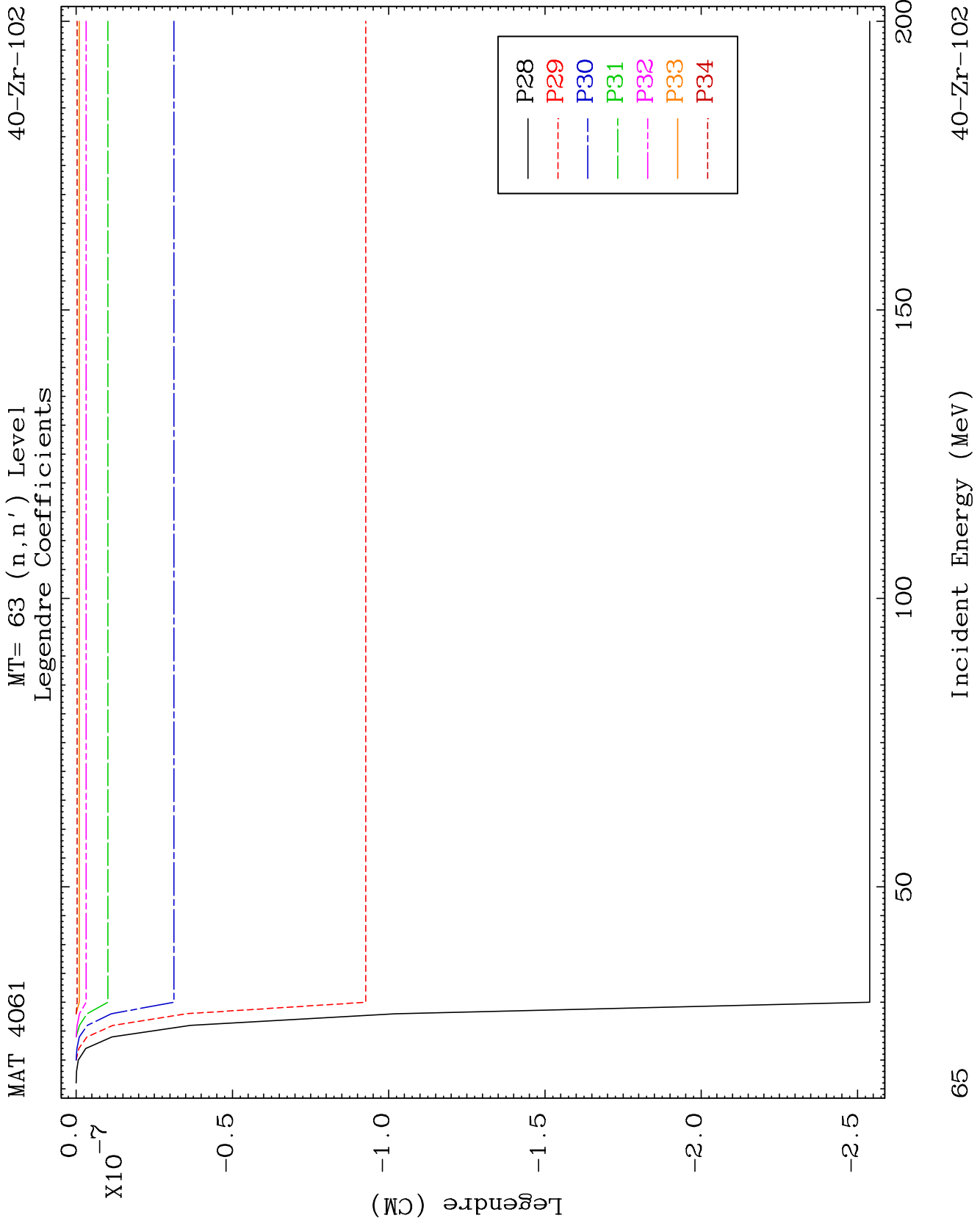
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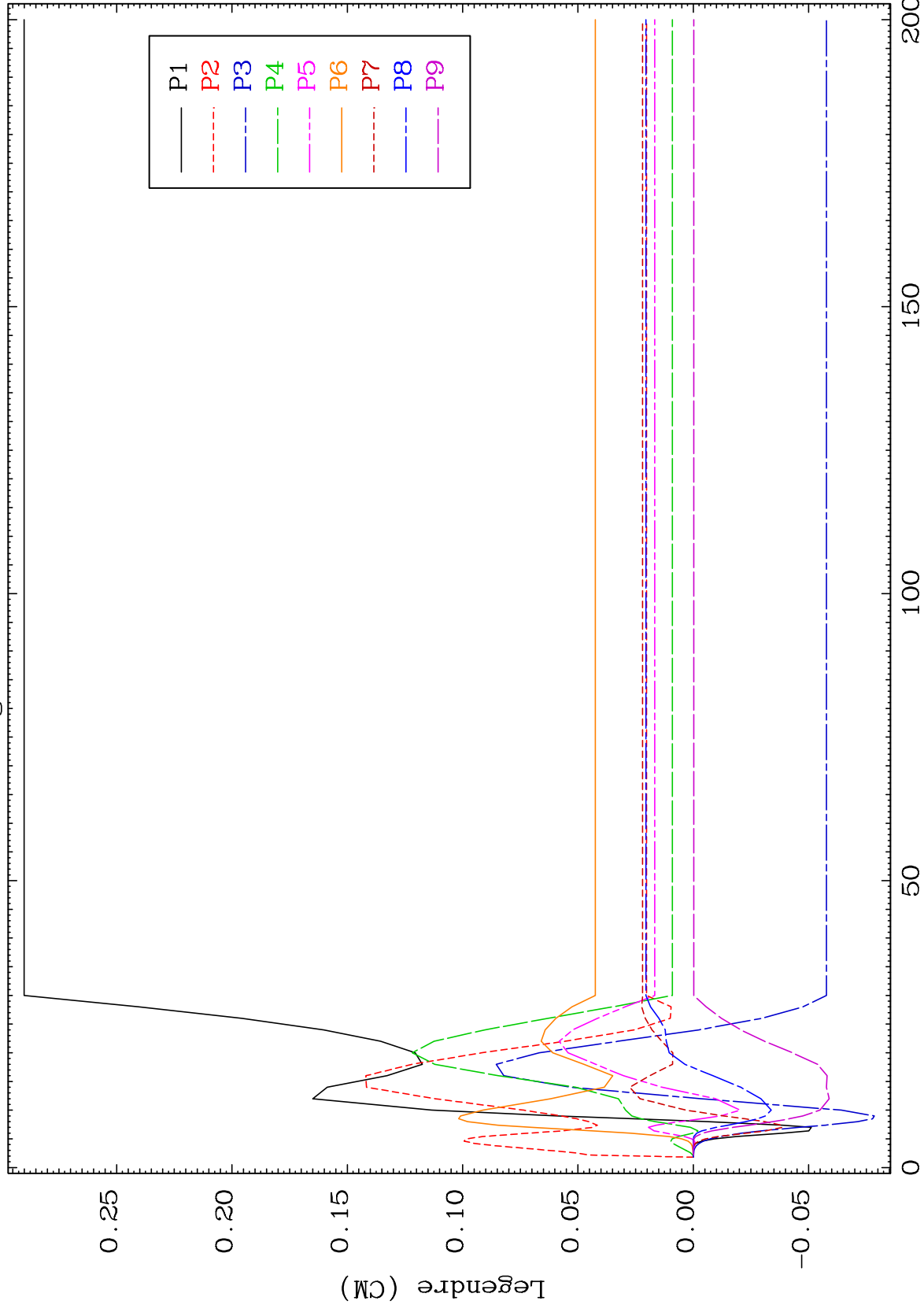




MAT 4061

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

40-Zr-102



66

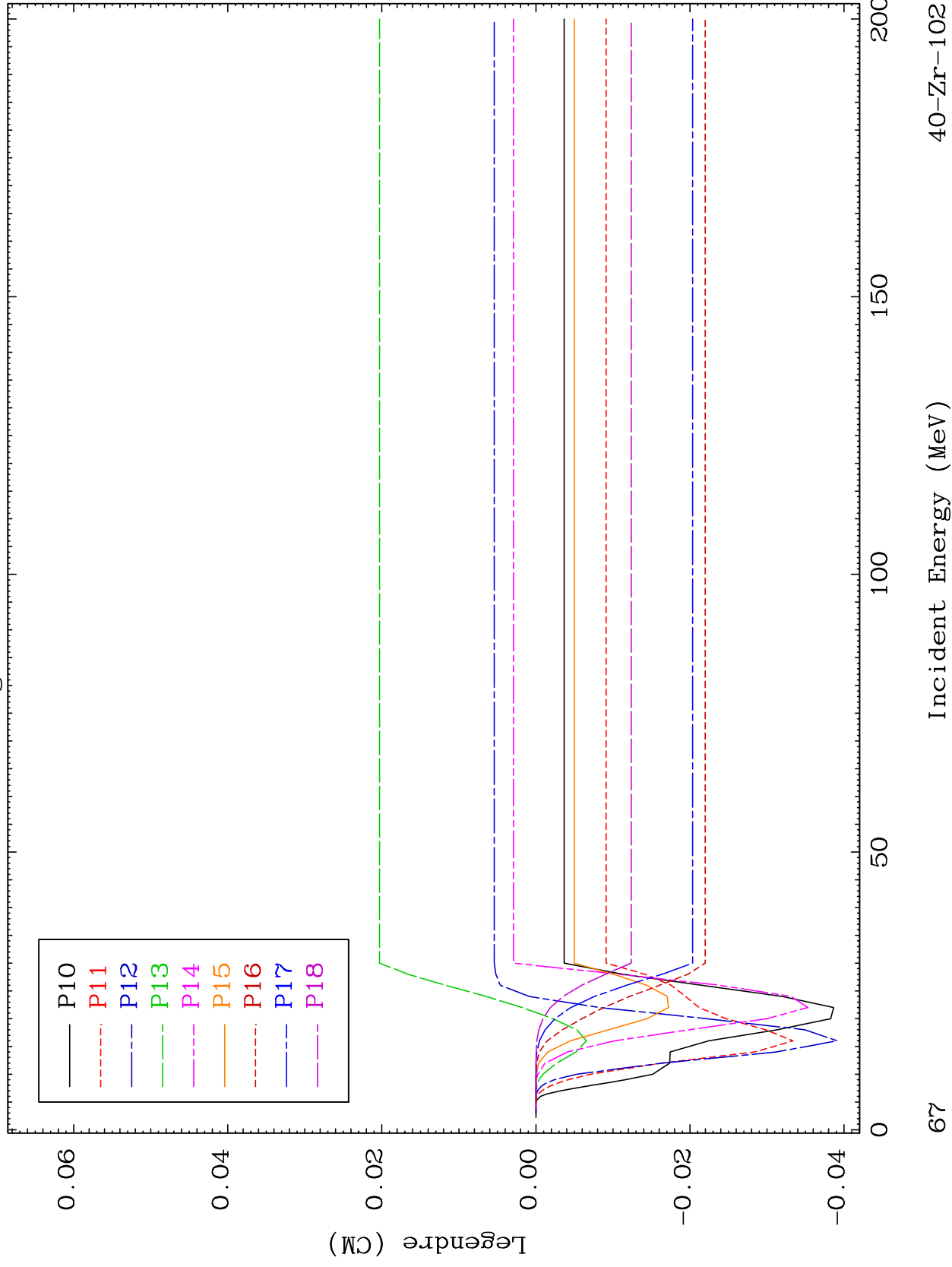
Incident Energy (MeV)

40-Zr-102

MAT 4061

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

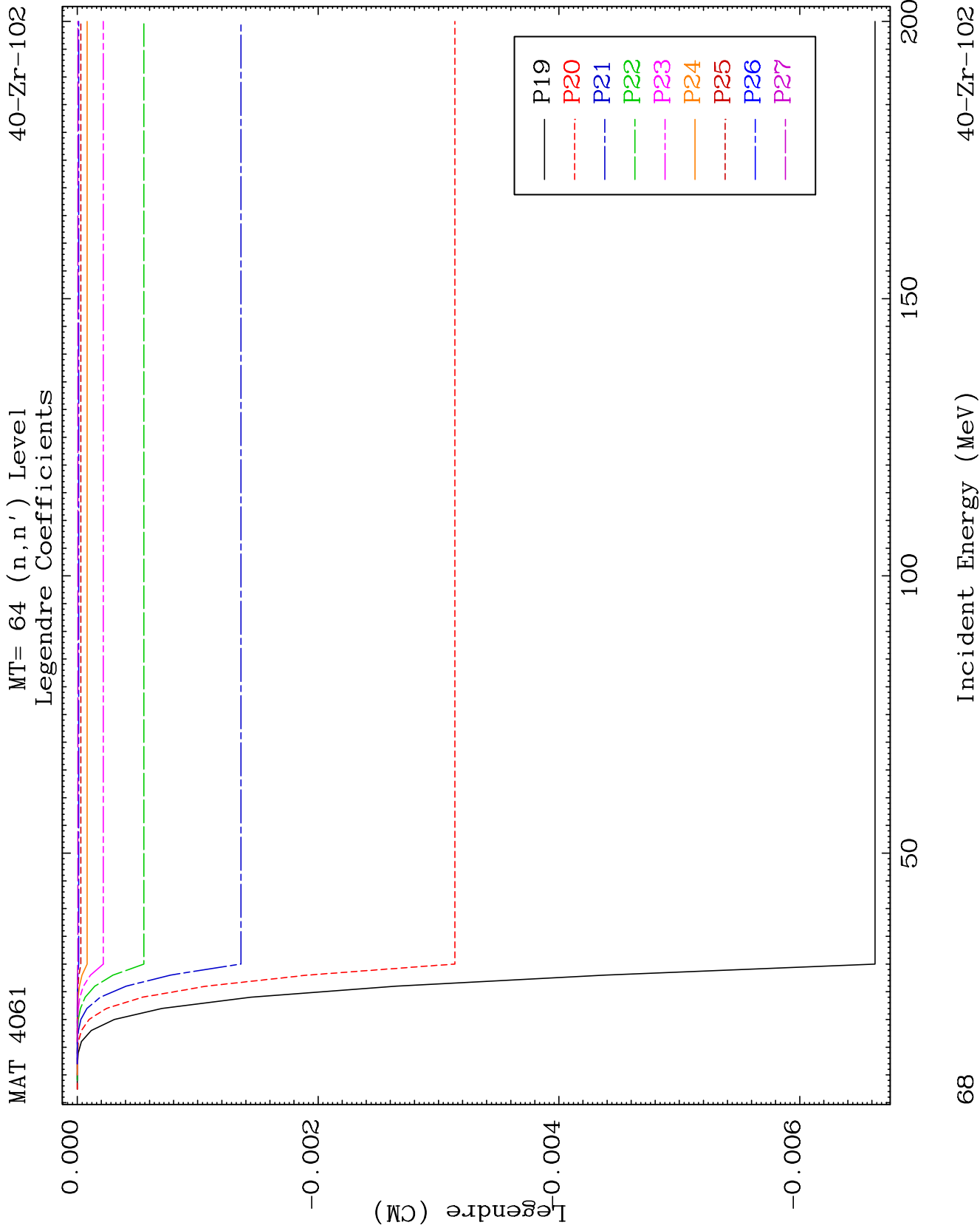
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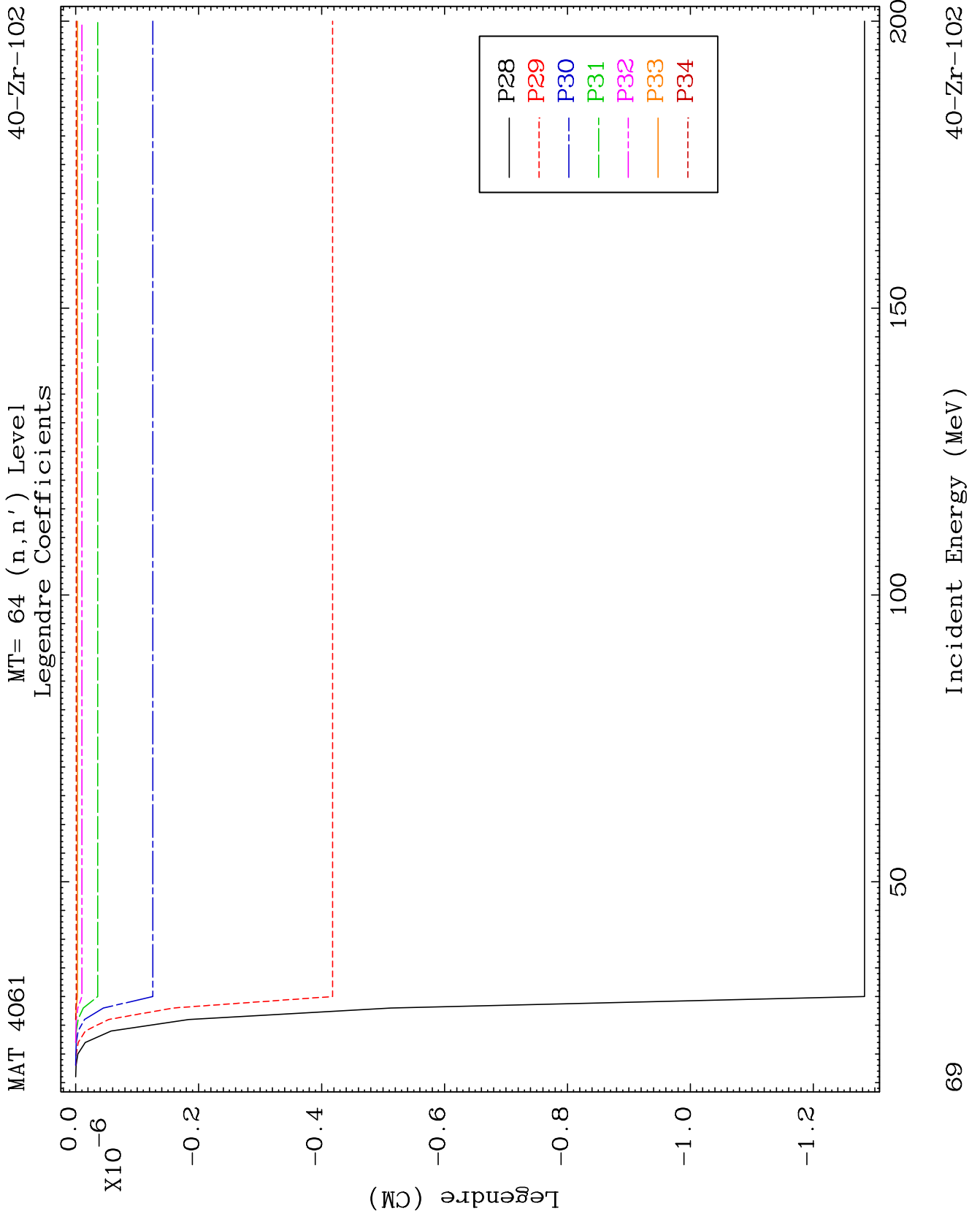


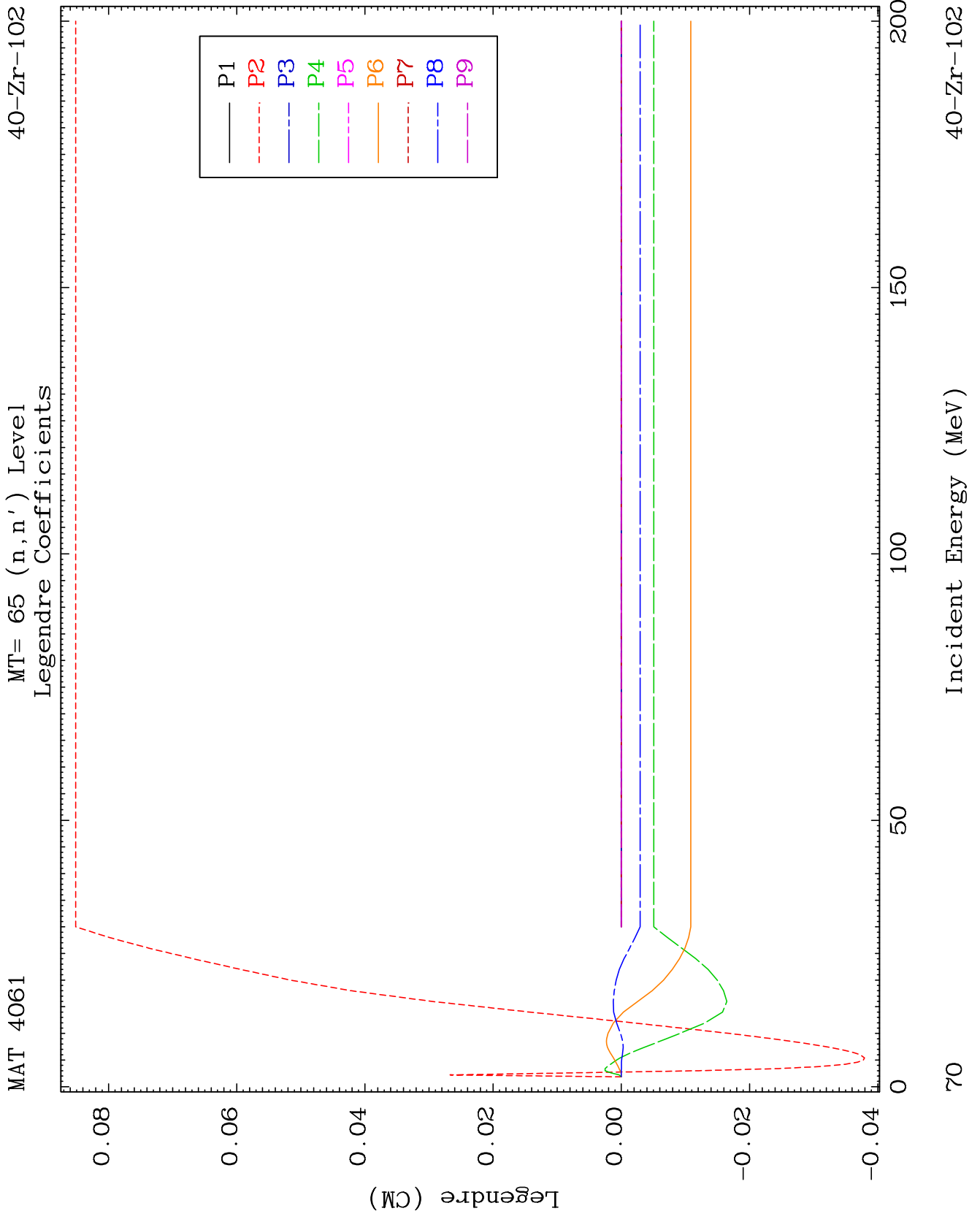
67

Incident Energy (MeV)

40-Zr-102



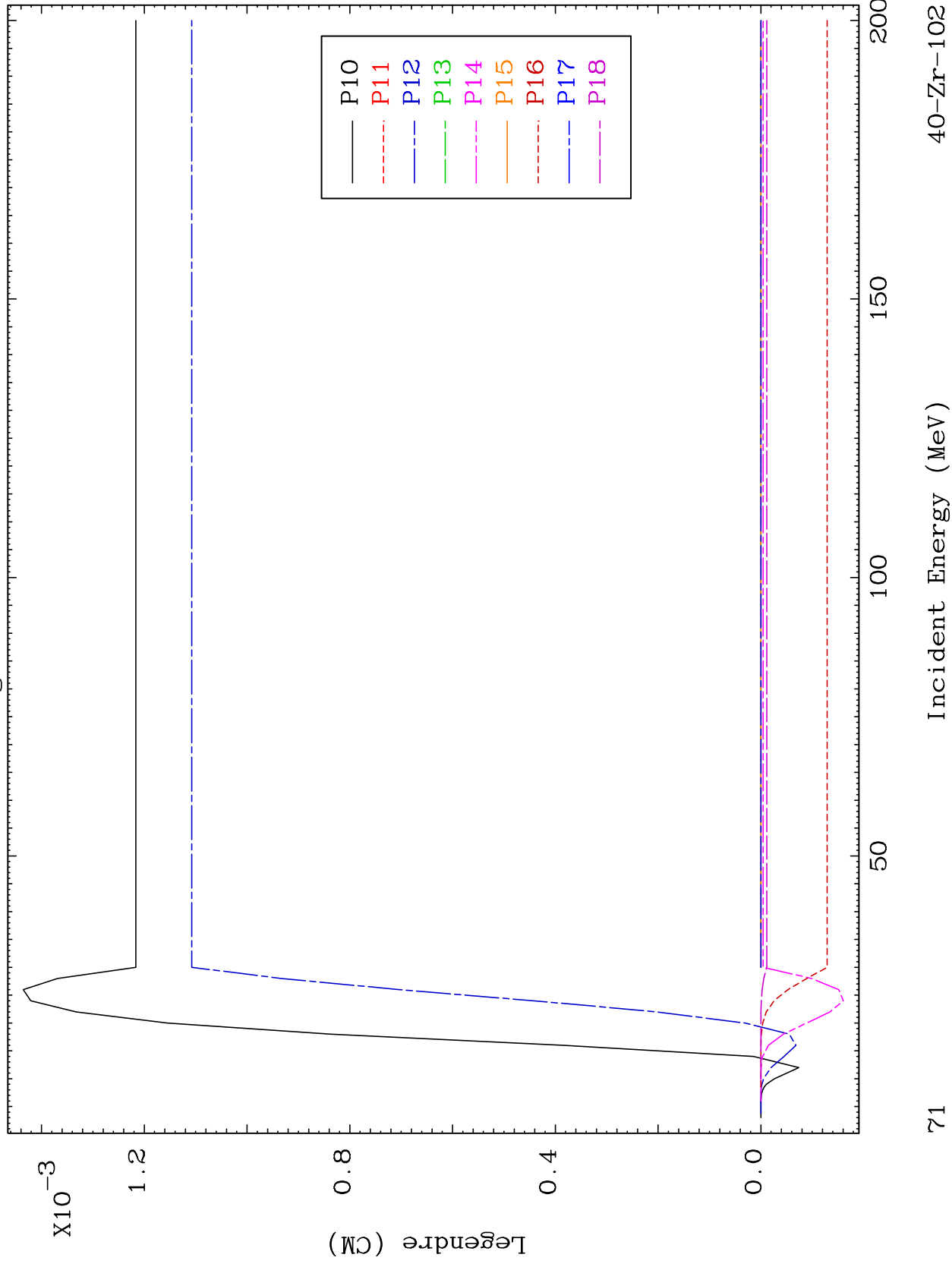




MAT 4061

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

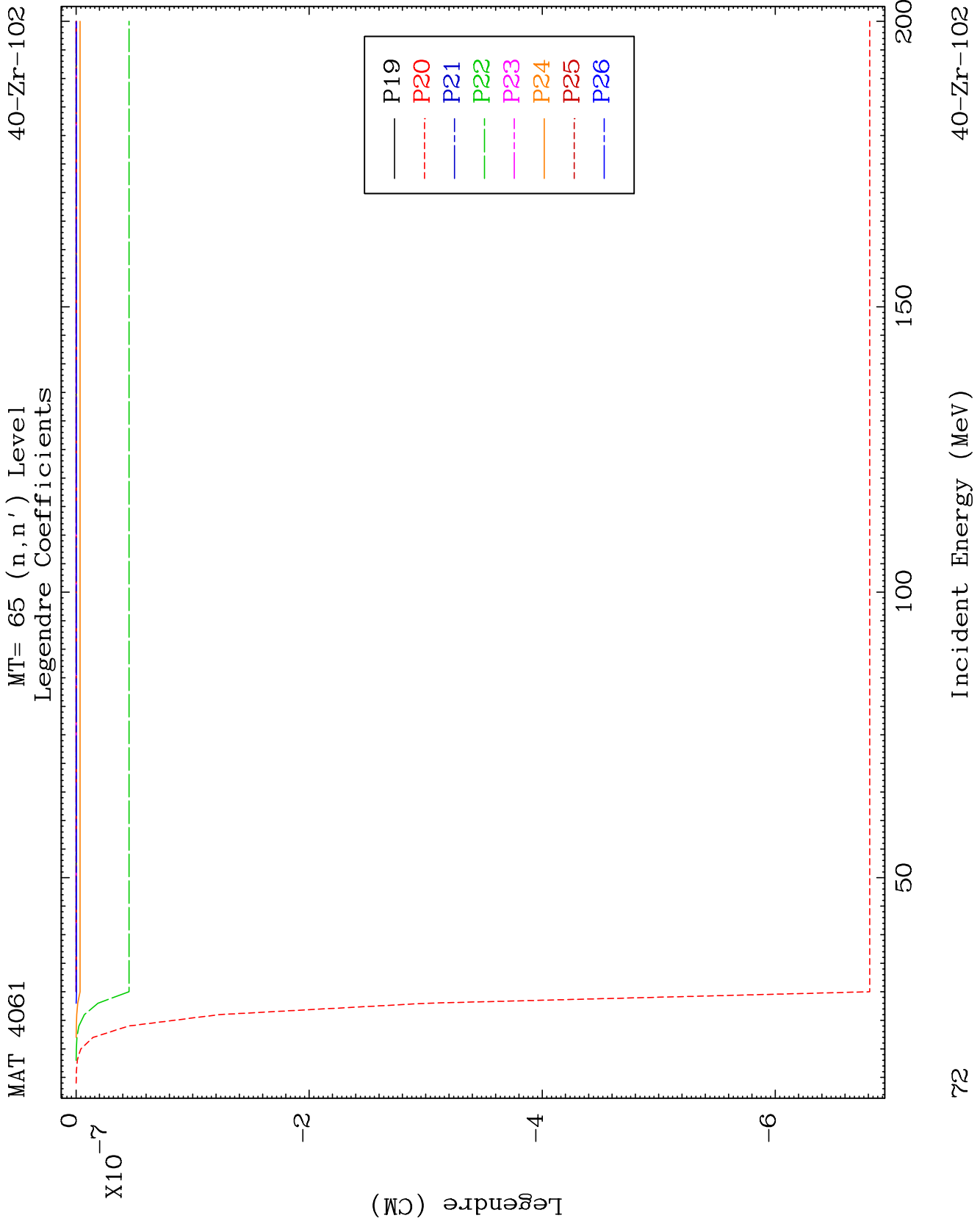
40-Zr-102



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Incident Energy (MeV)

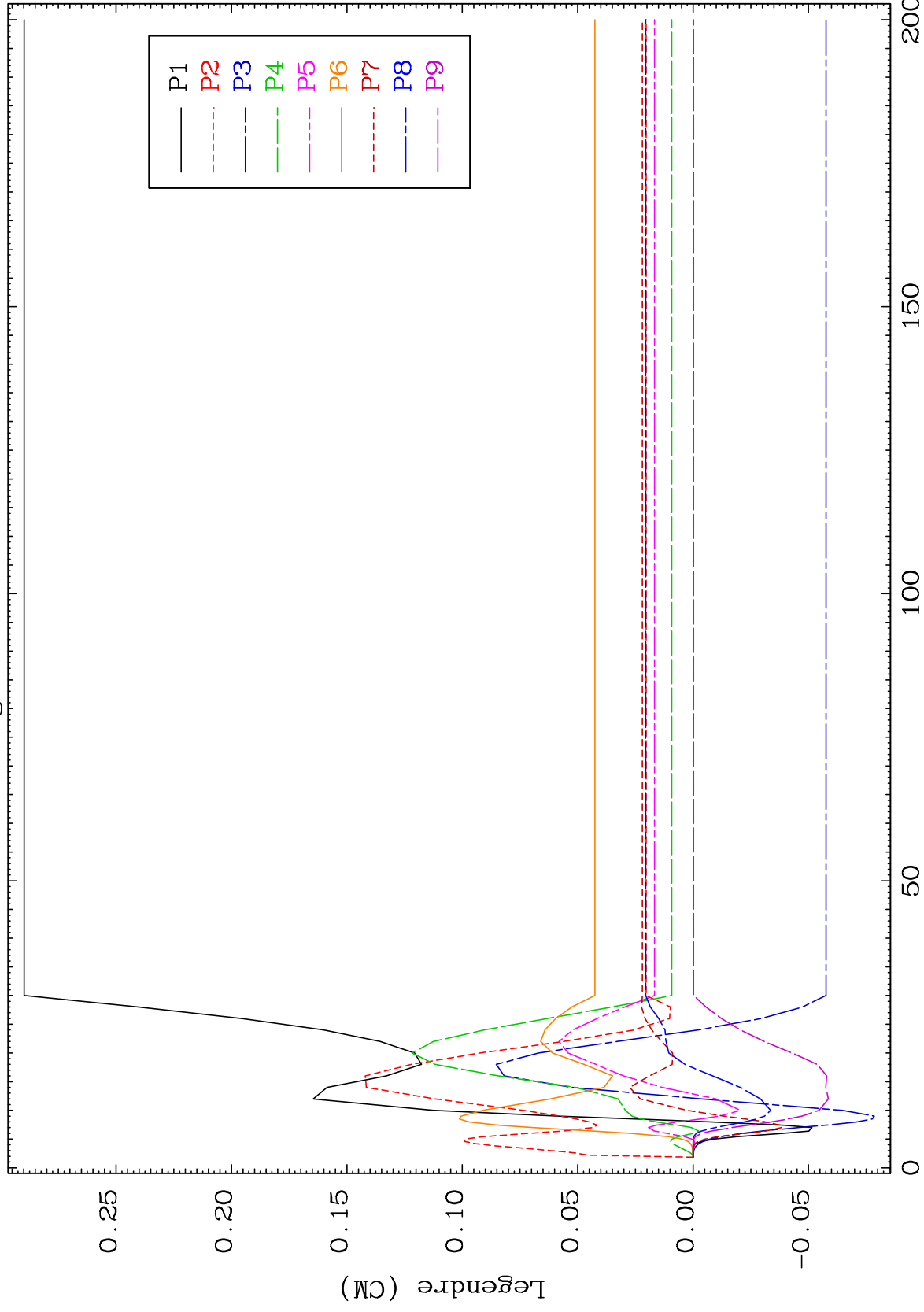
40-Zr-102



MAT 4061

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

40-Zr-102



73

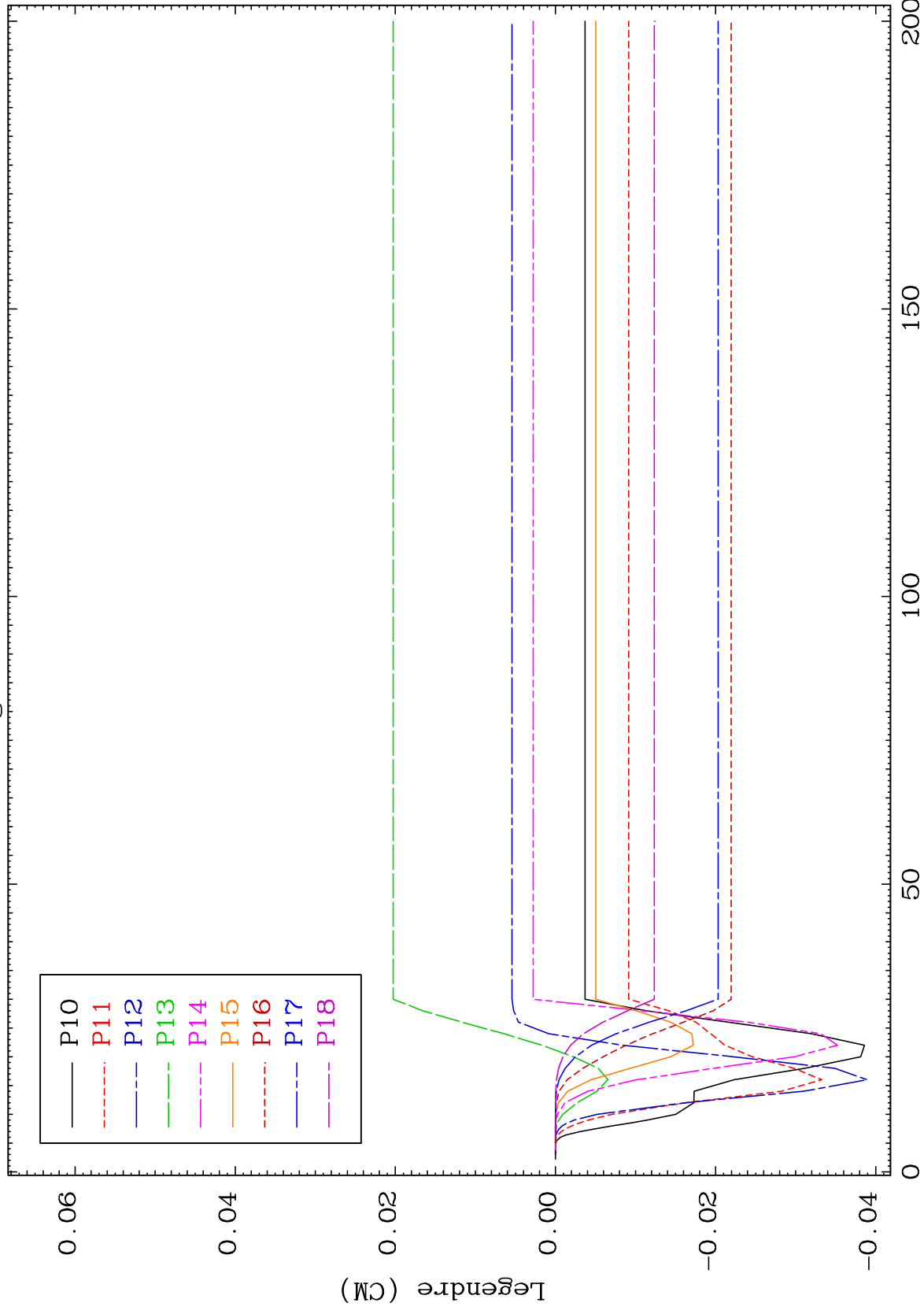
Incident Energy (MeV)

40-Zr-102

MAT 4061

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

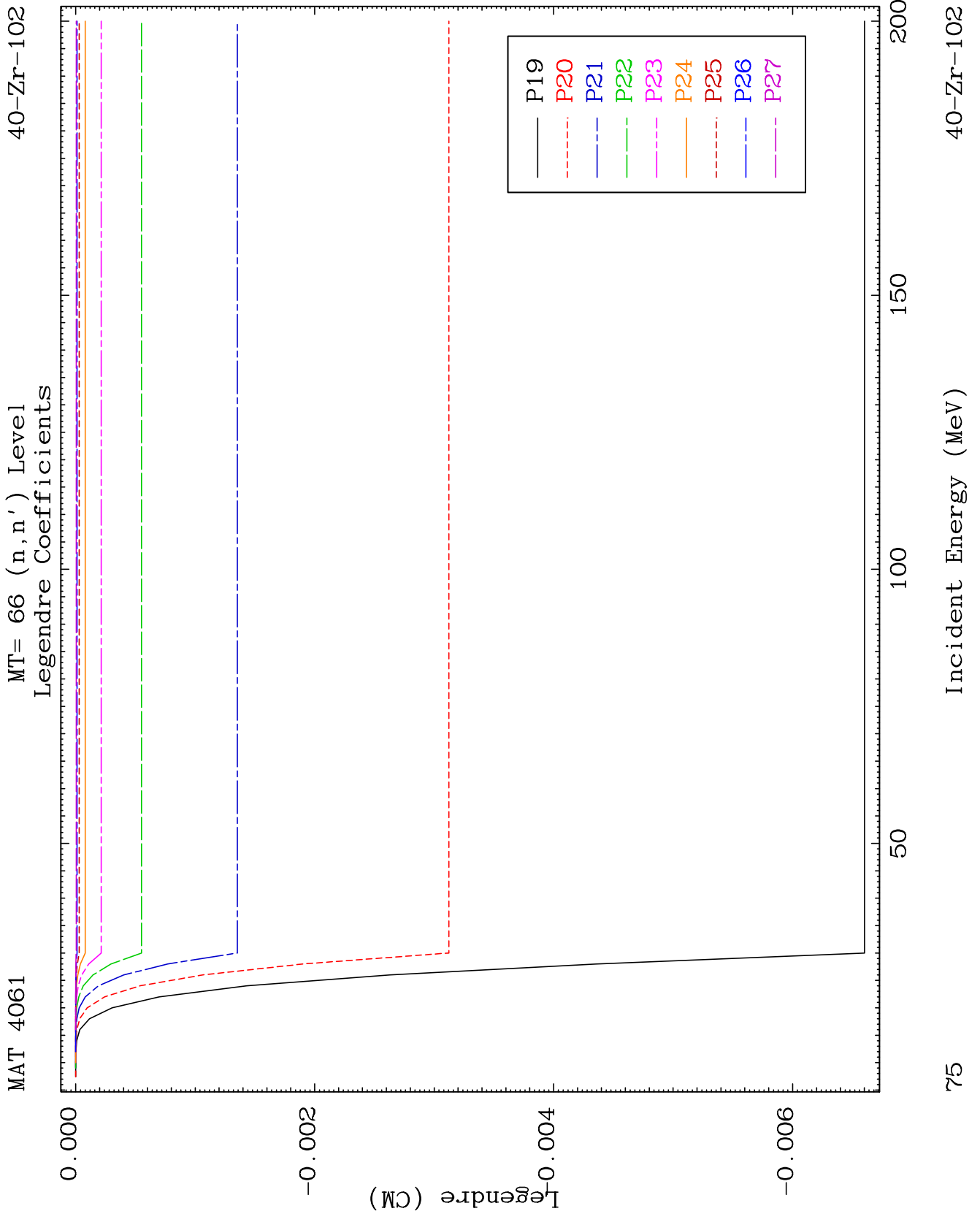
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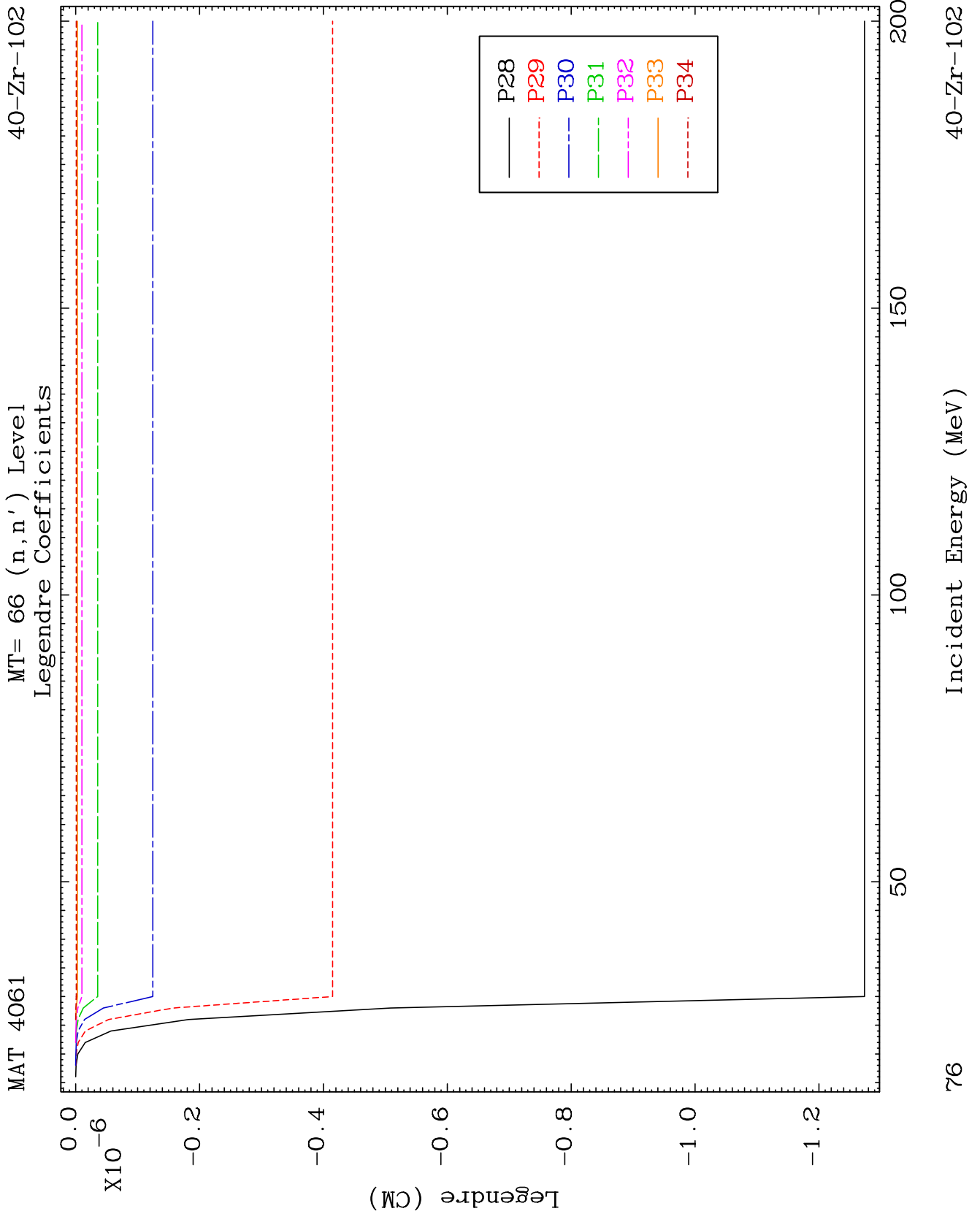


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Incident Energy (MeV)

40-Zr-102

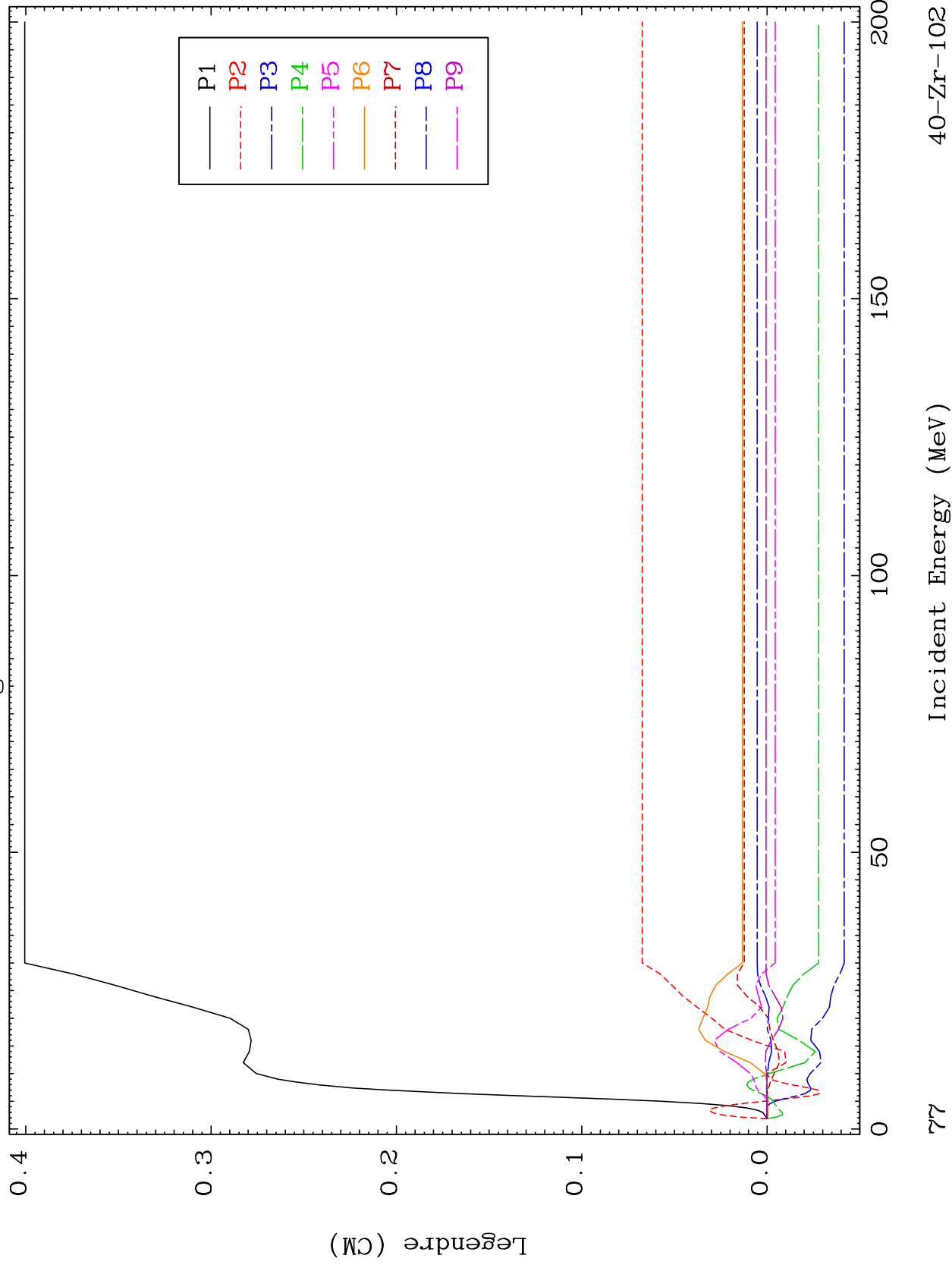




MAT 4061

MT= 67 (n,n') Level
Legendre Coefficients

40-Zr-102



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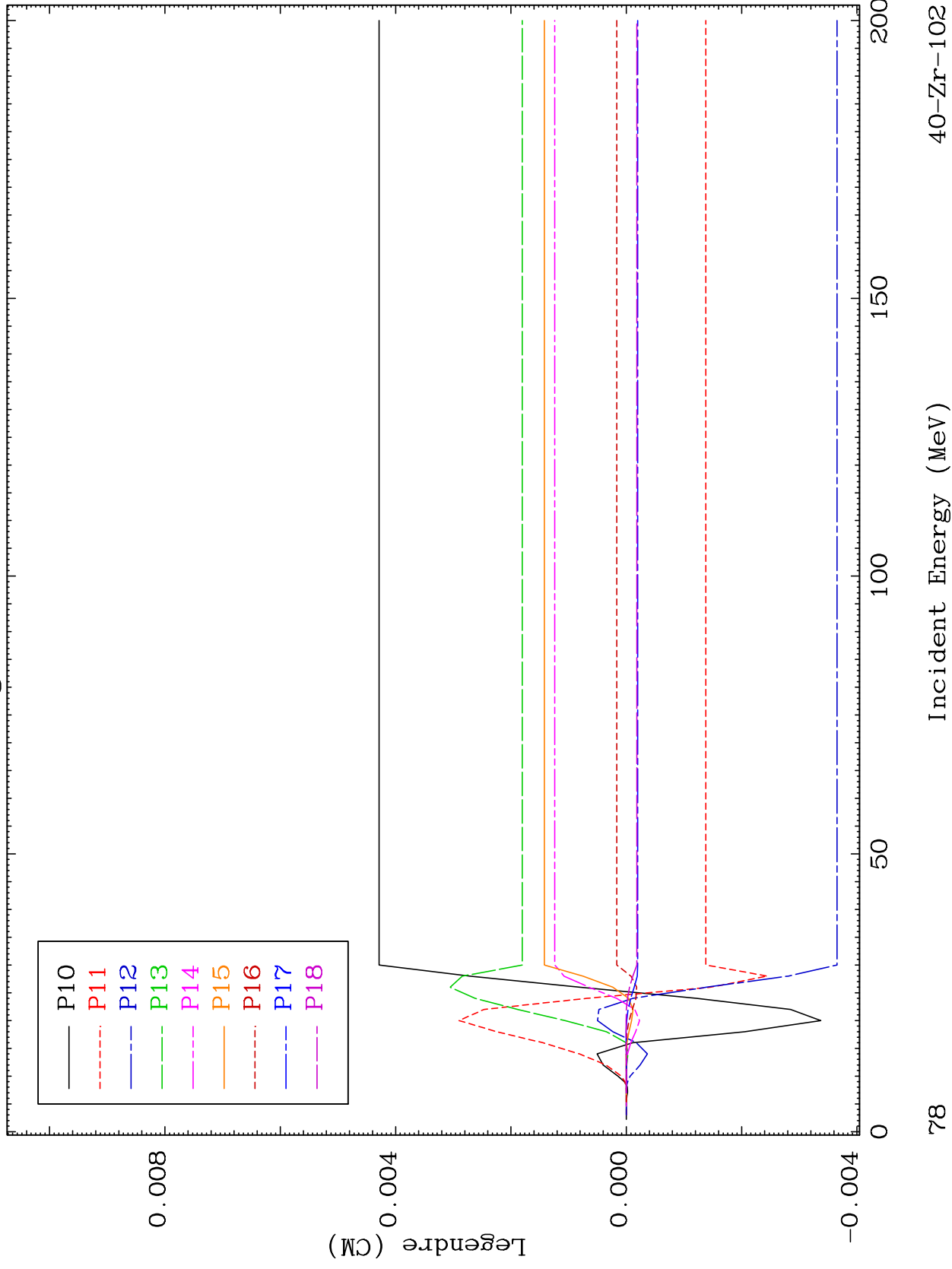
Incident Energy (MeV)

40-Zr-102

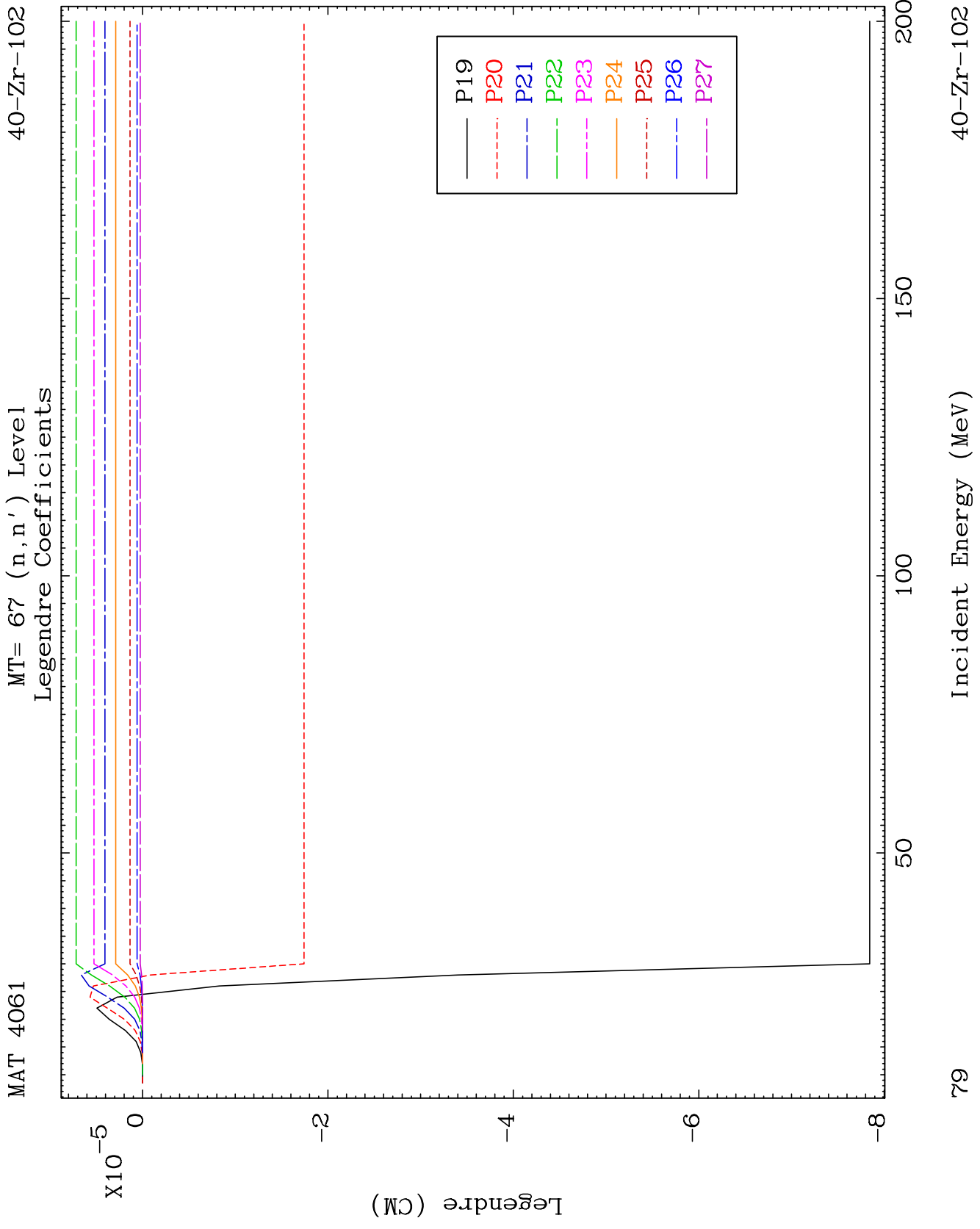
MAT 4061

MT= 67 (n,n') Level
Legendre Coefficients

40-Zr-102



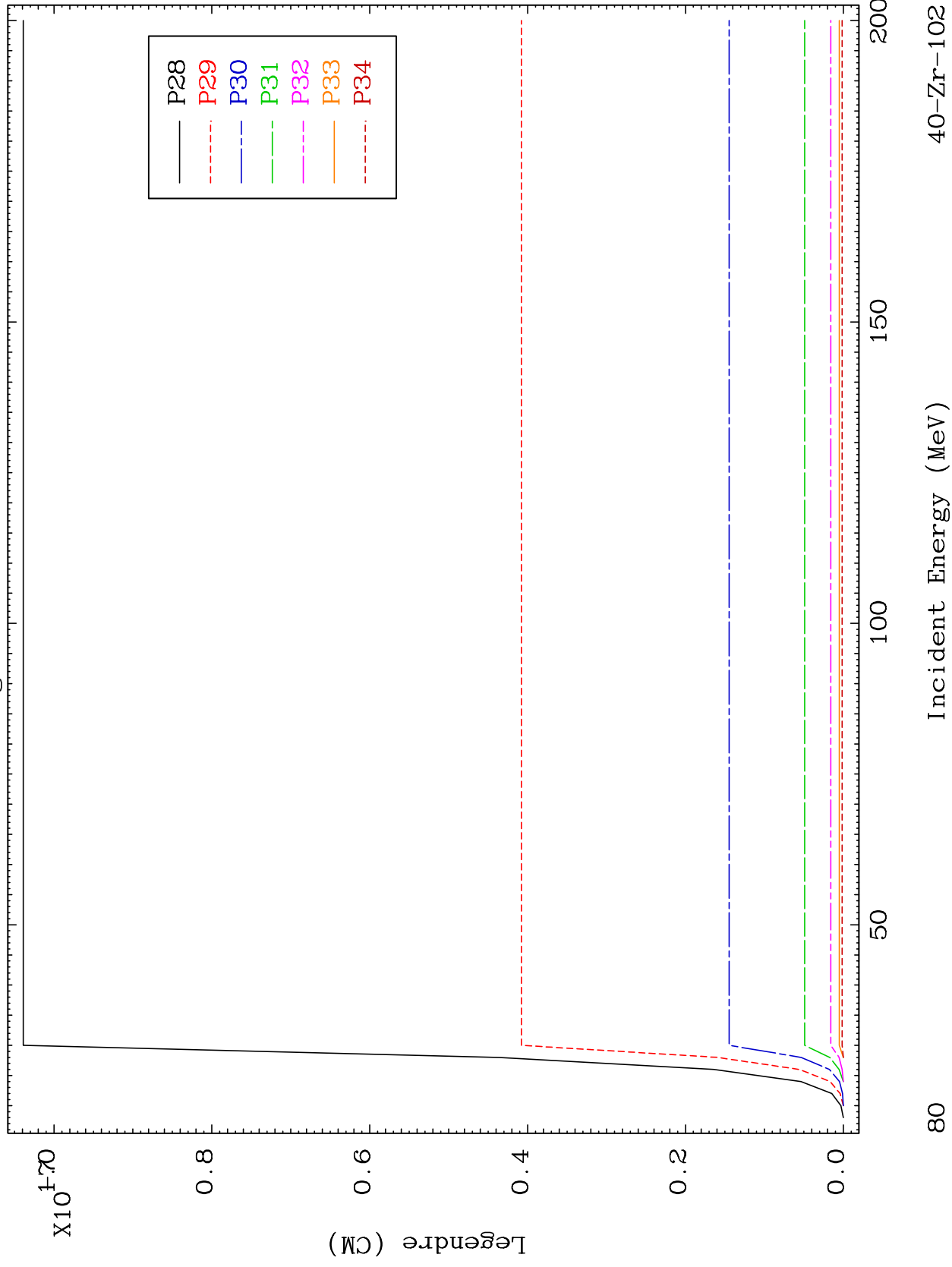
78

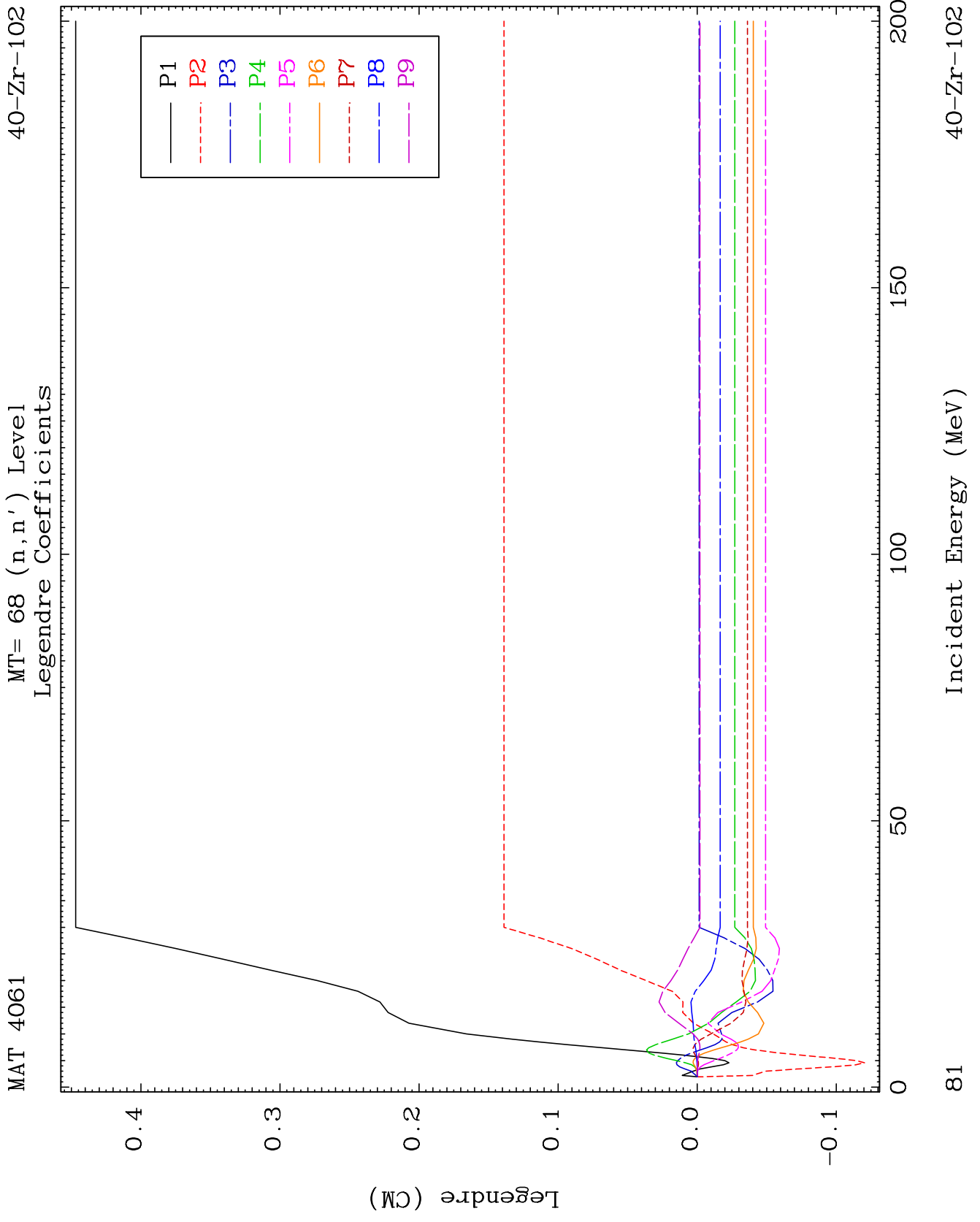


MAT 4061

MT= 67 (n,n') Level
Legendre Coefficients

40-Zr-102

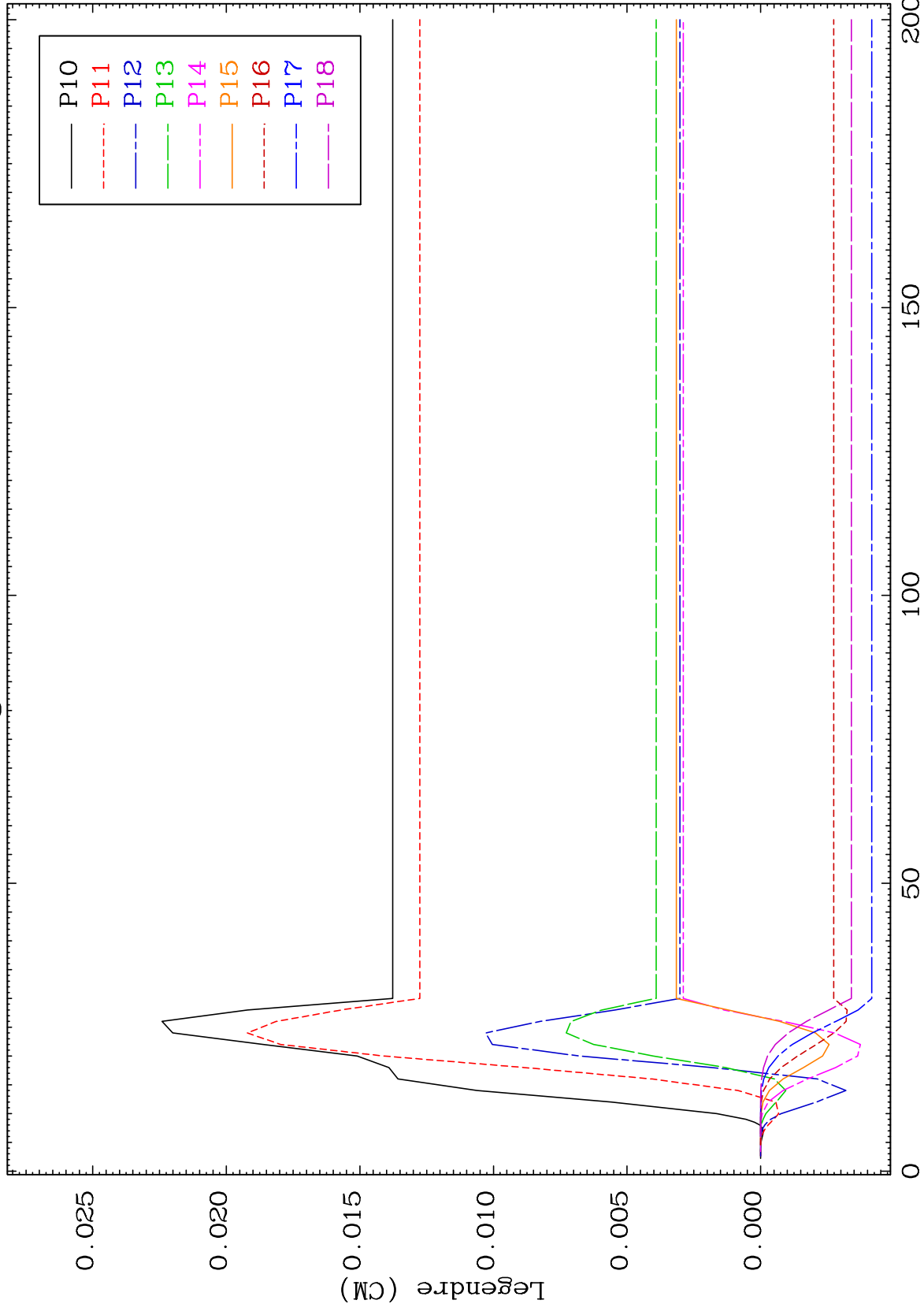




MAT 4061

MT= 68 (n,n') Level
Legendre Coefficients

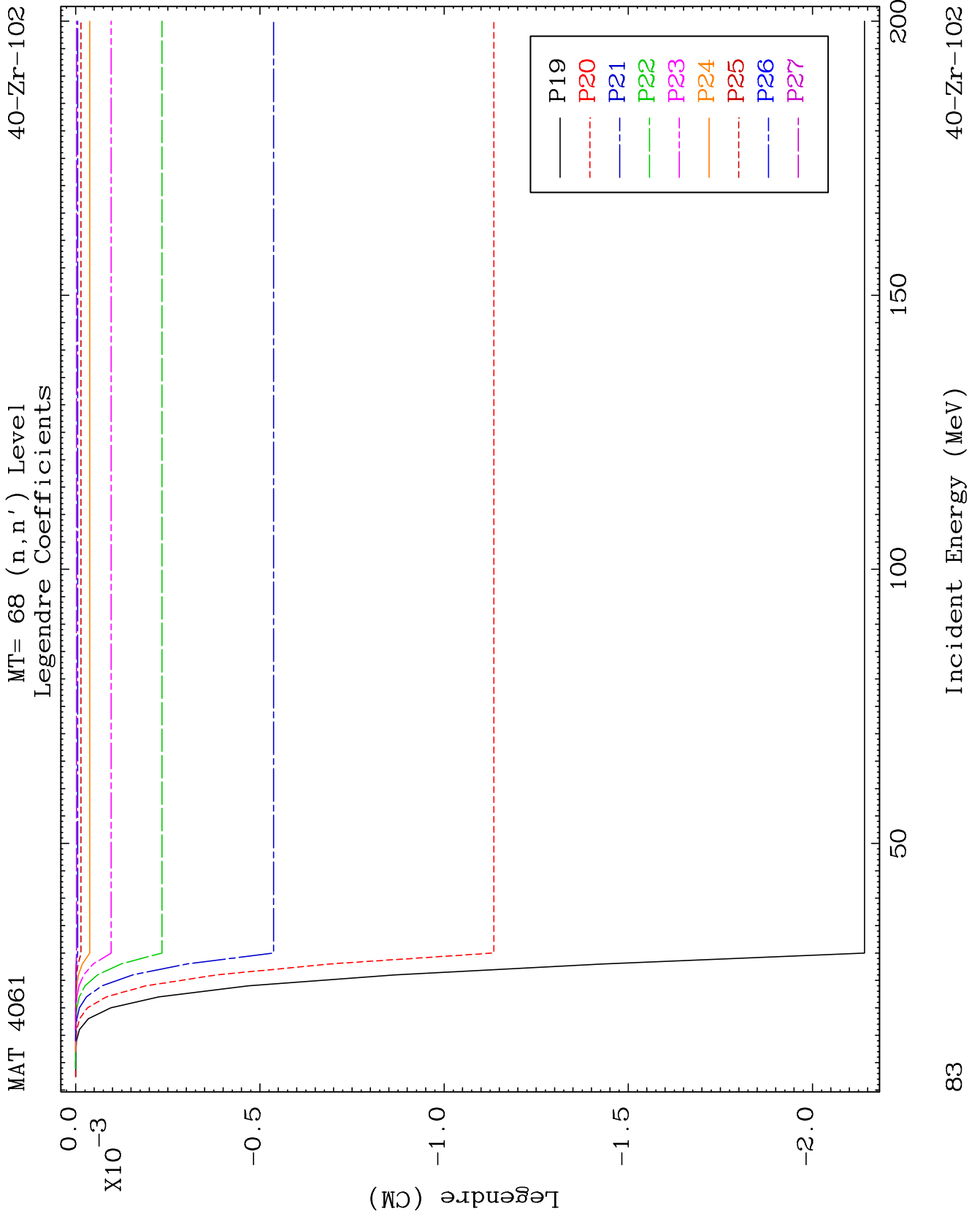
40-Zr-102

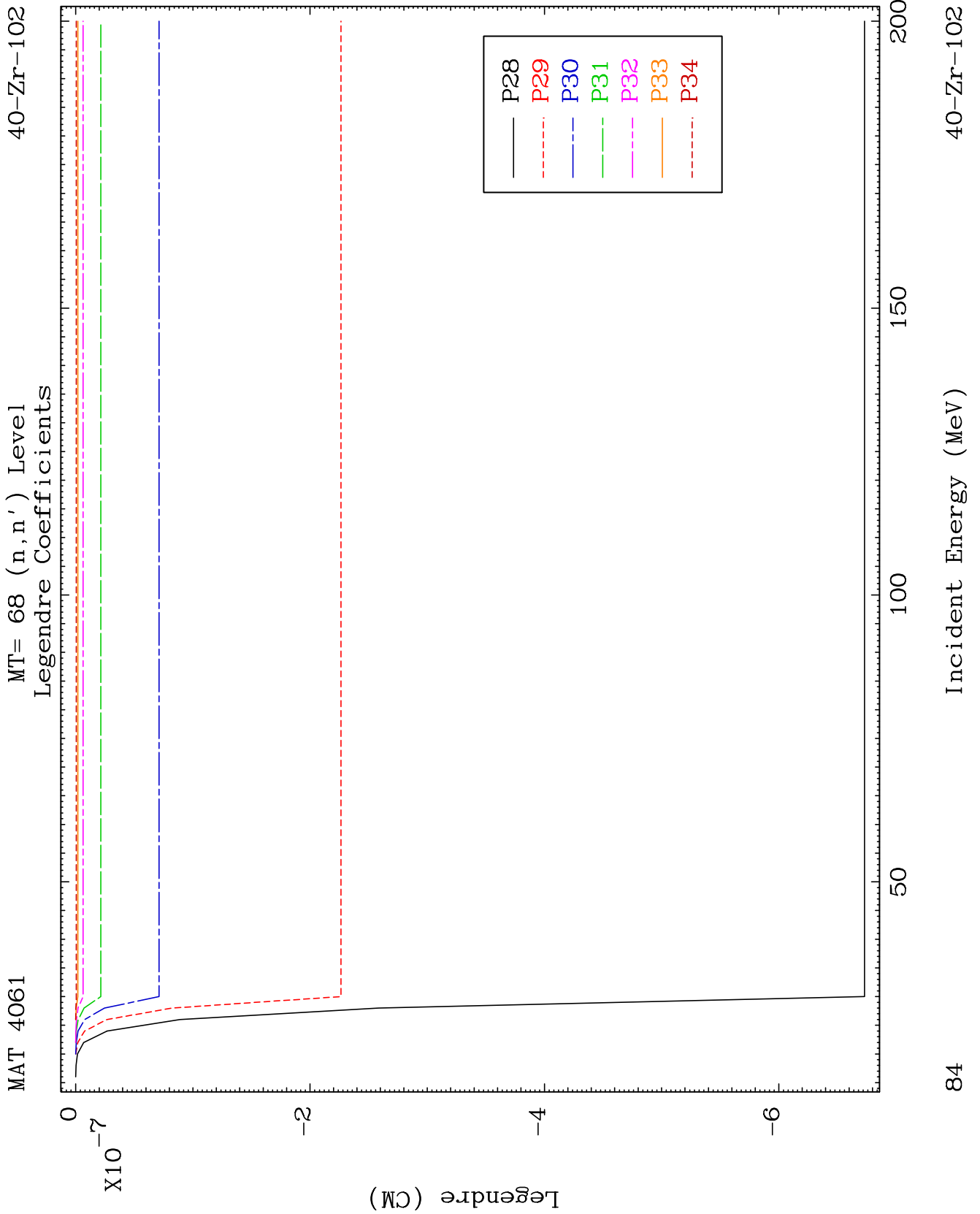


82

Incident Energy (MeV)

40-Zr-102

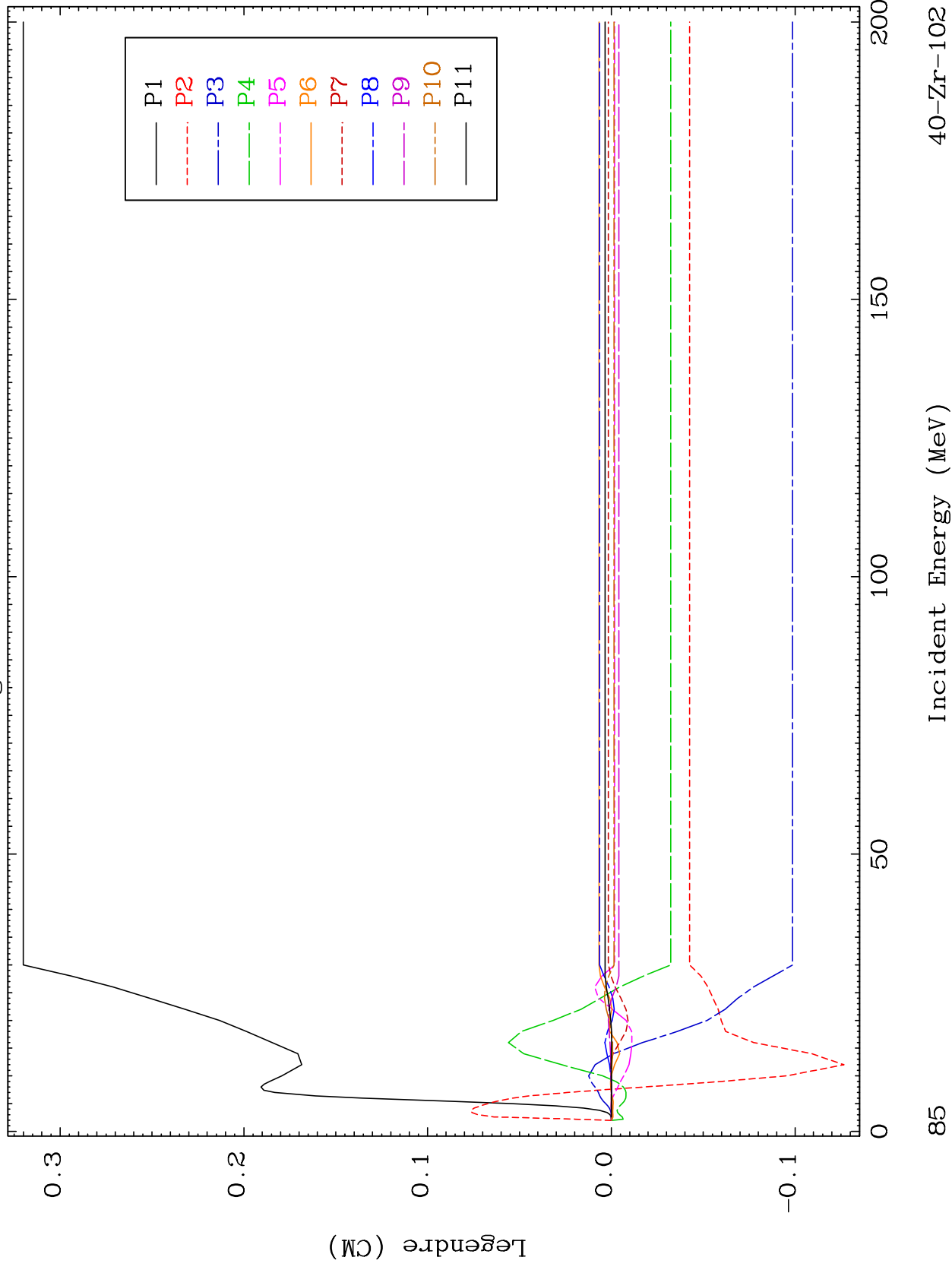




MAT 4061

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

40-Zr-102



85

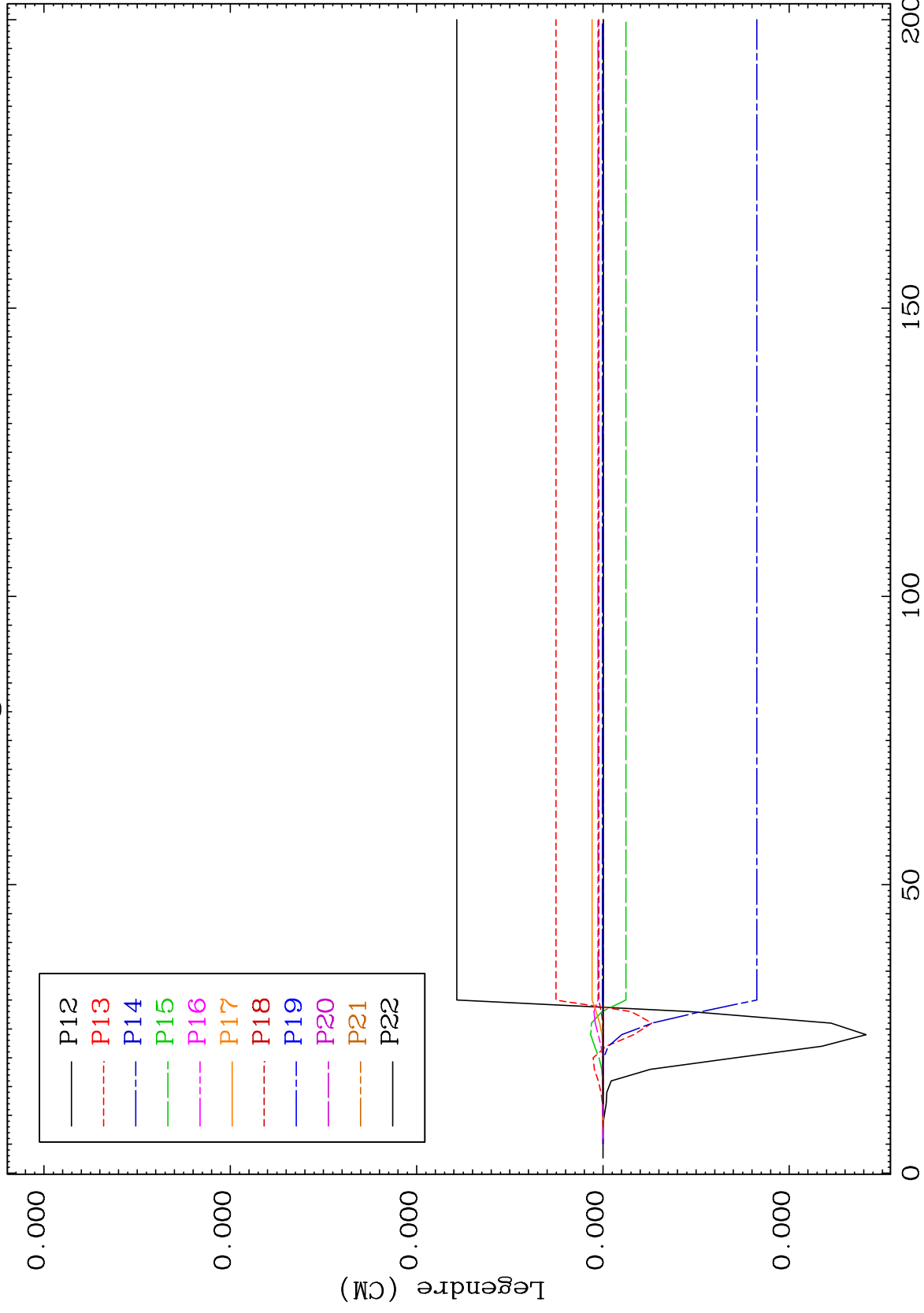
Incident Energy (MeV)

40-Zr-102

MAT 4061

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

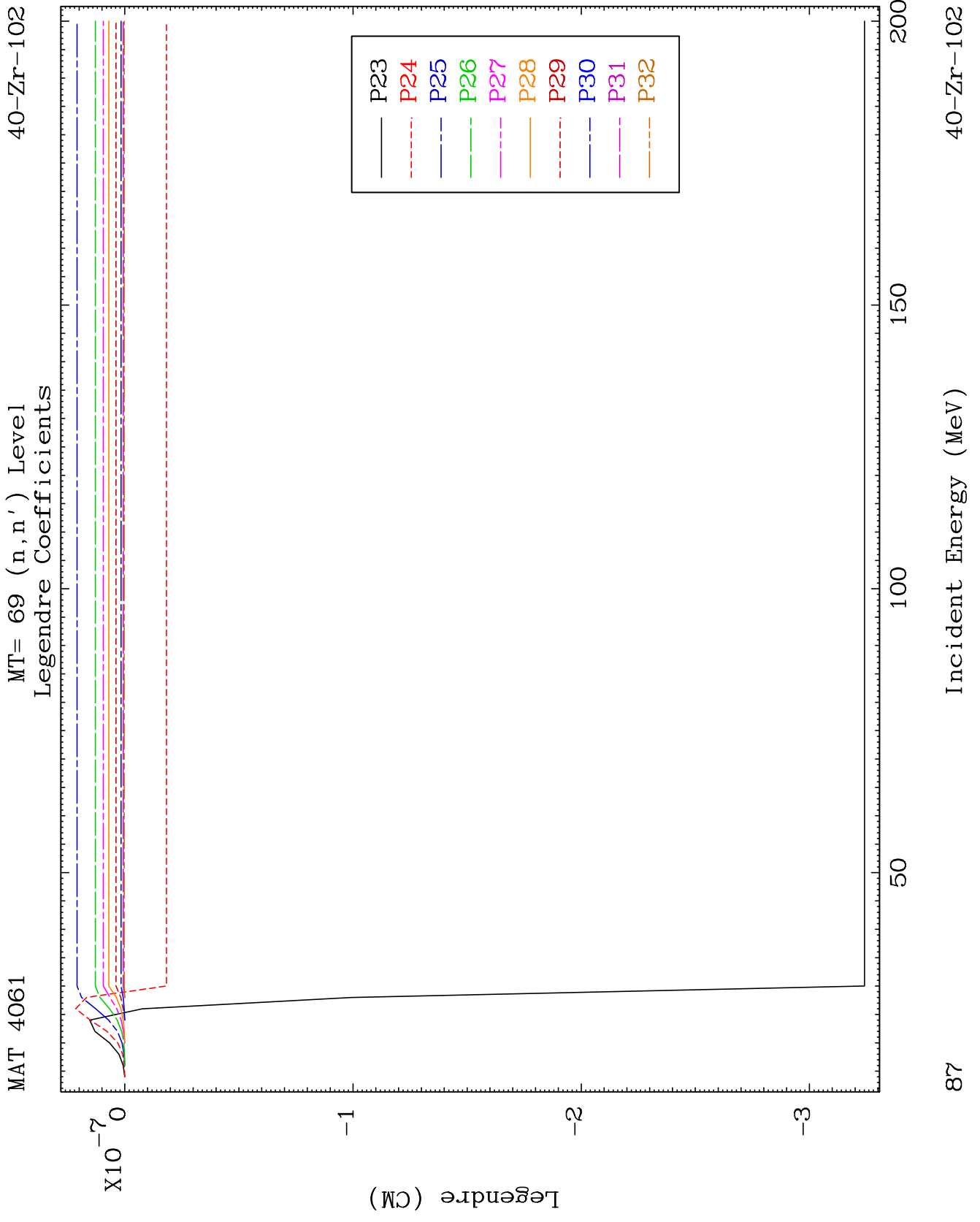
40-Zr-102

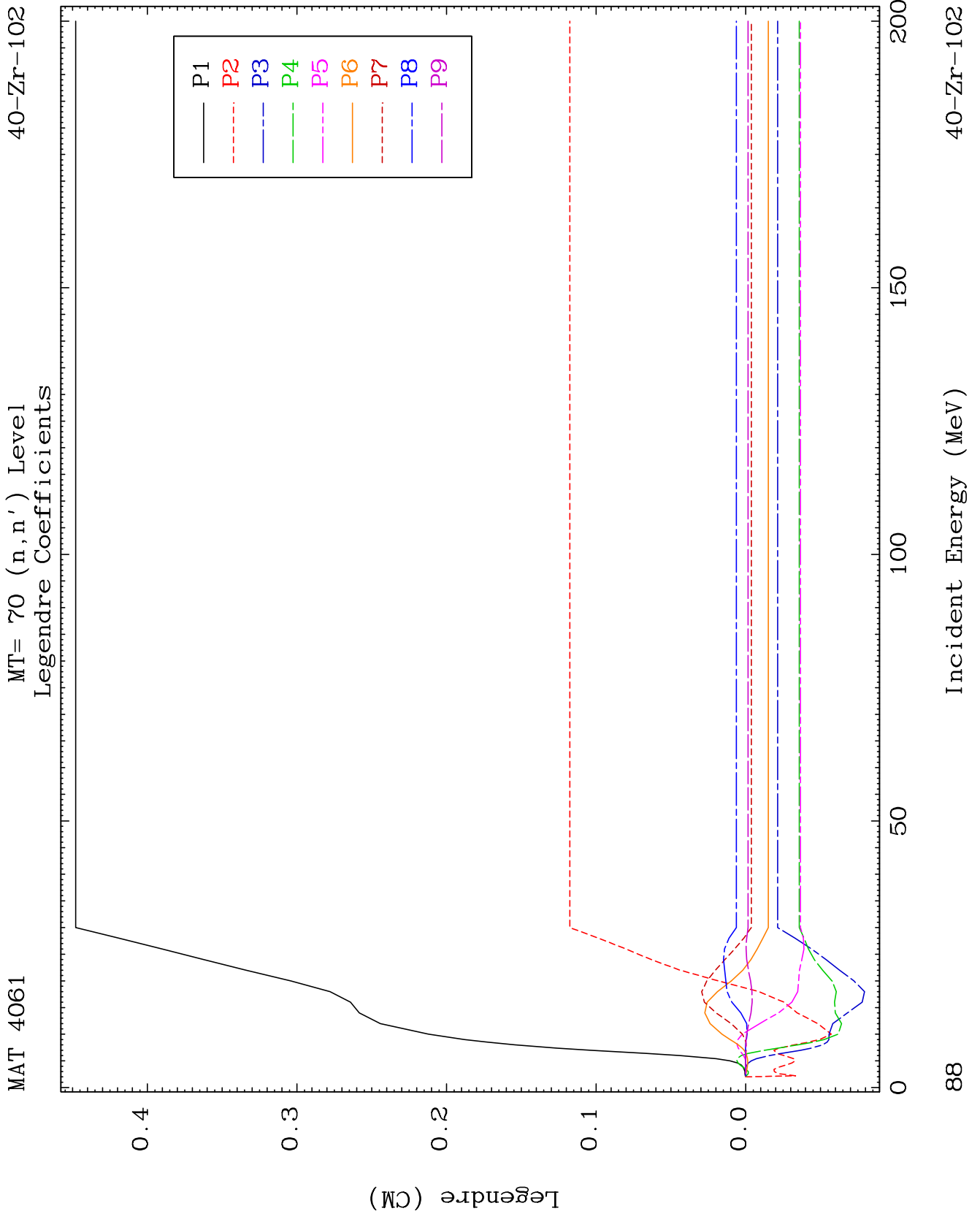


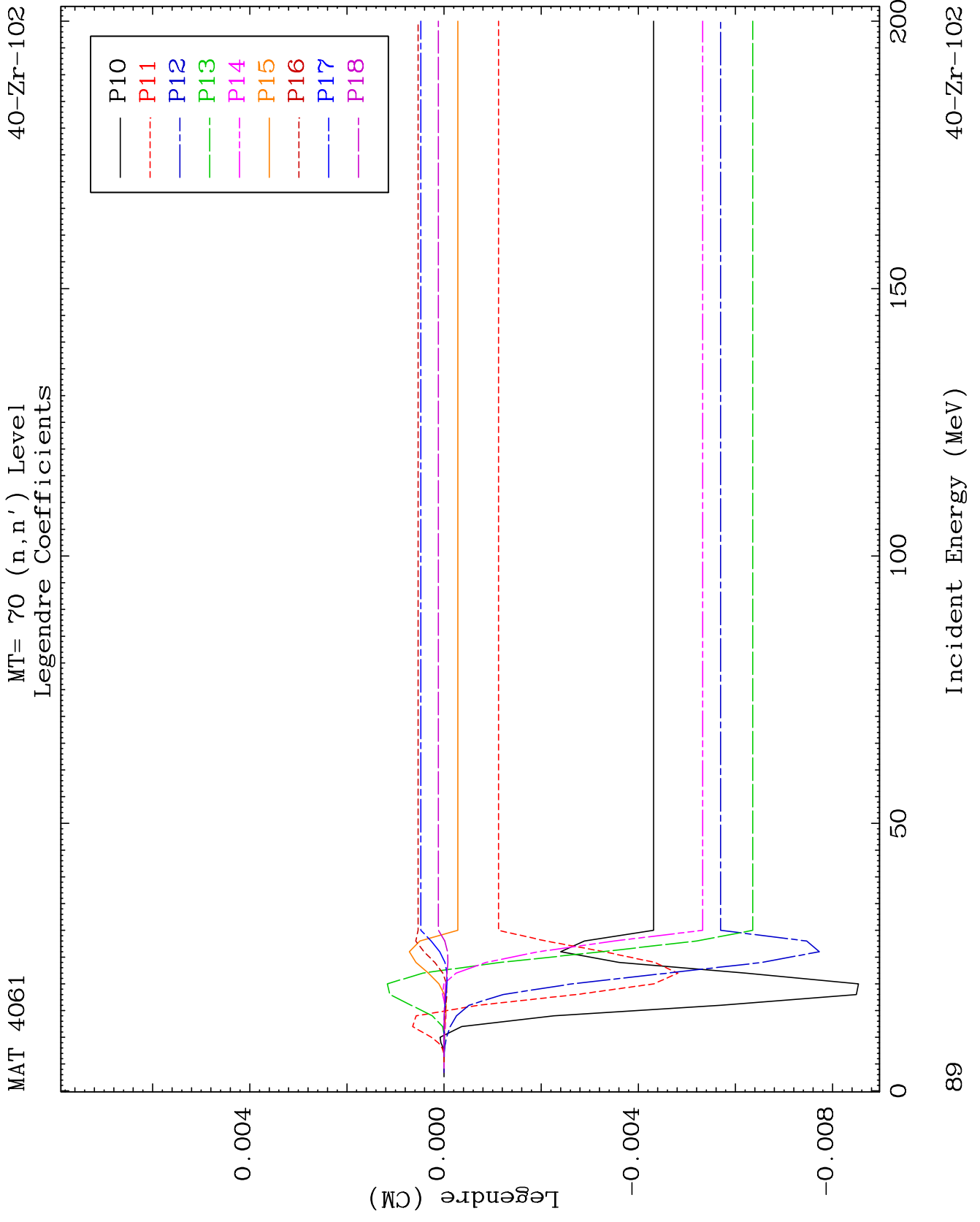
86

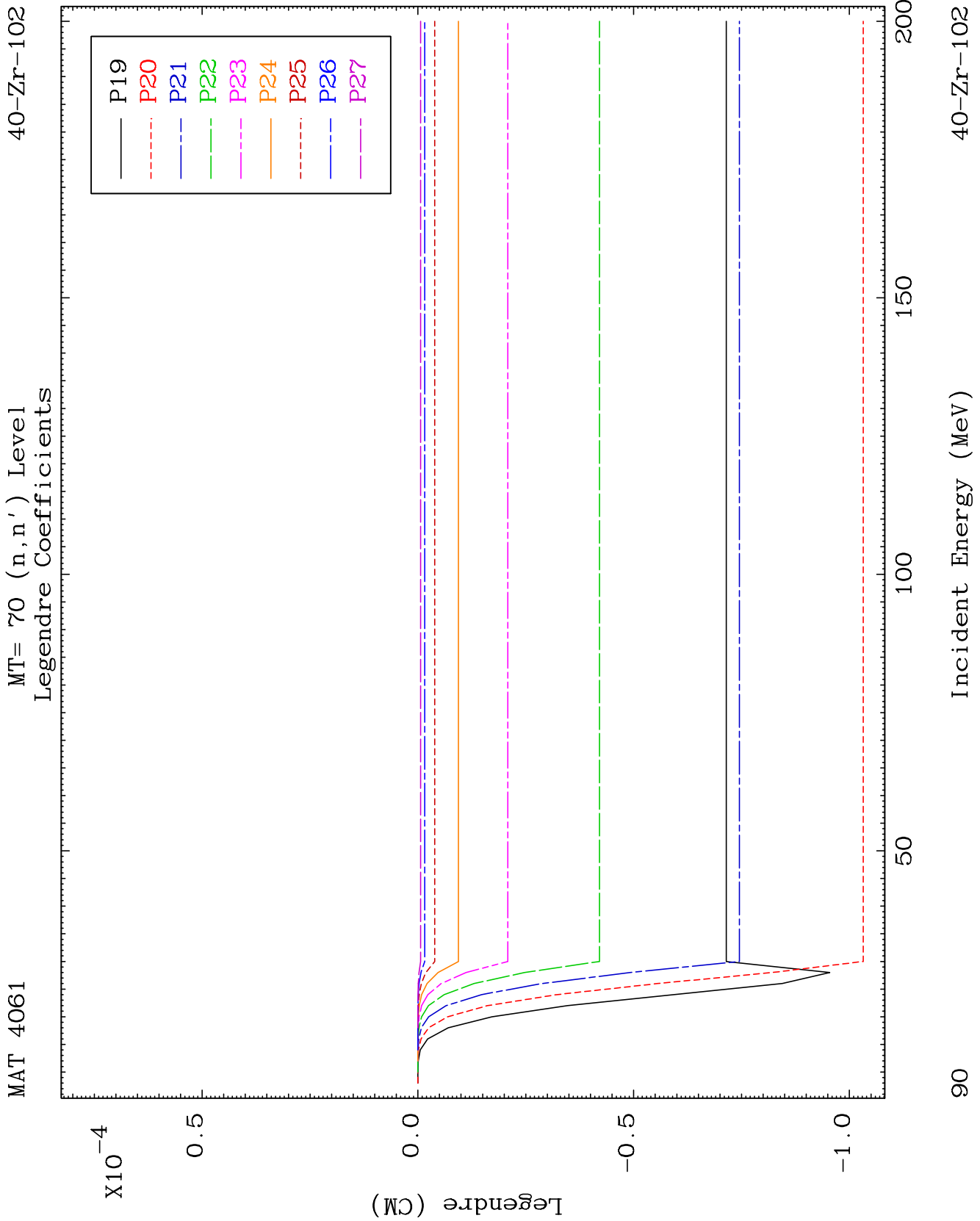
Incident Energy (MeV)

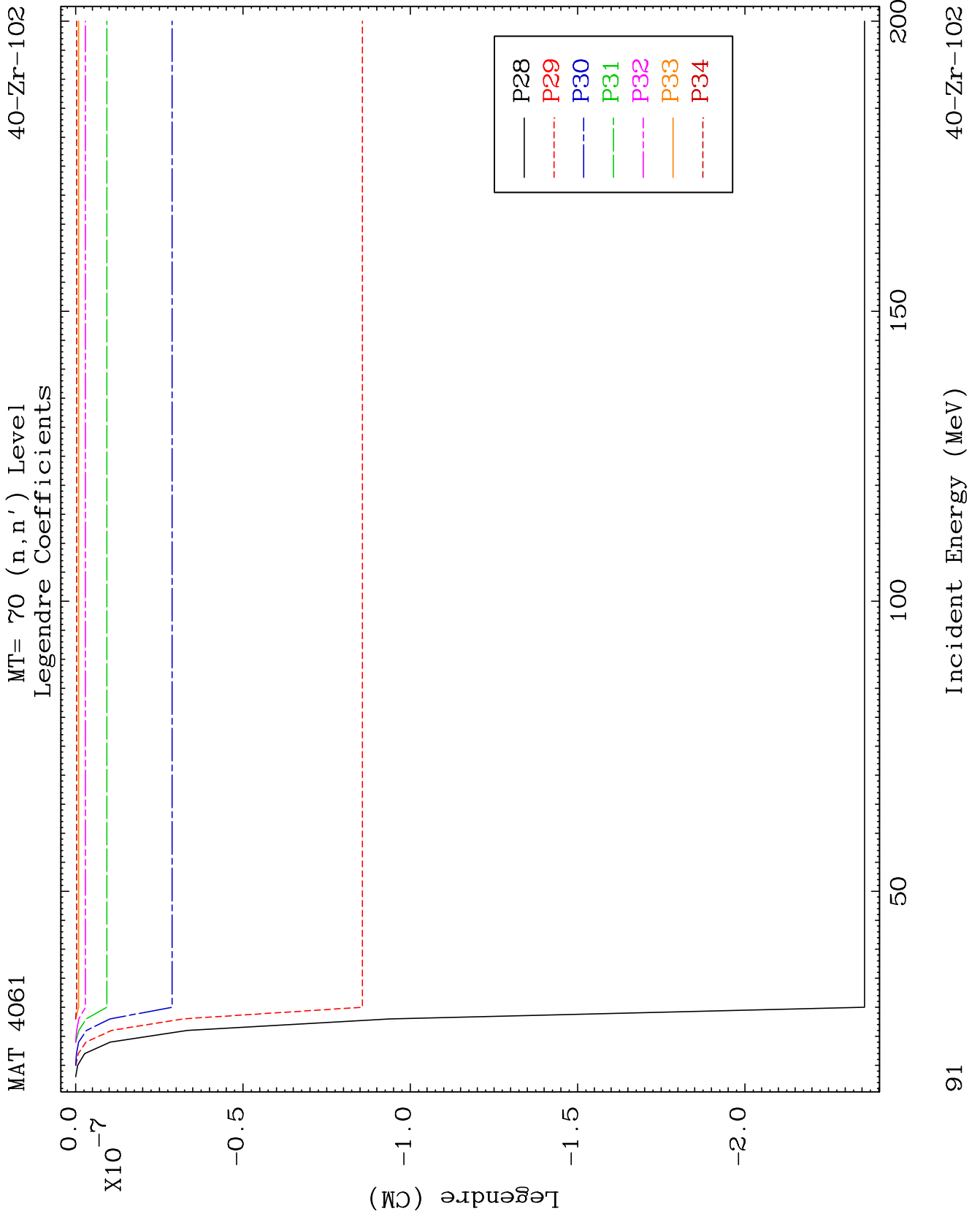
40-Zr-102









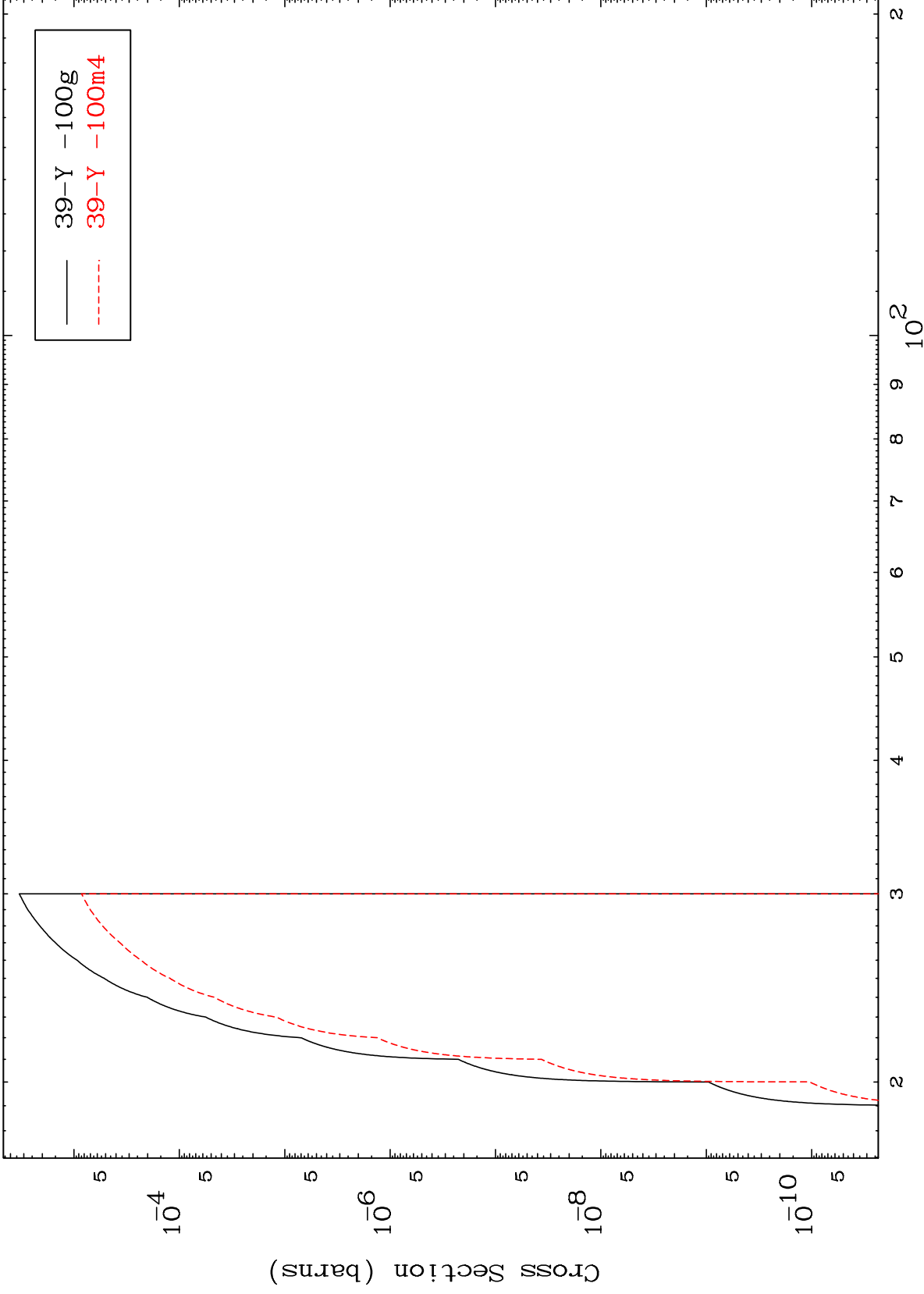


MAT 4061

(n,n') d

40-Zr-102

Radionuclide Production Cross Section



92

Incident Energy (MeV)

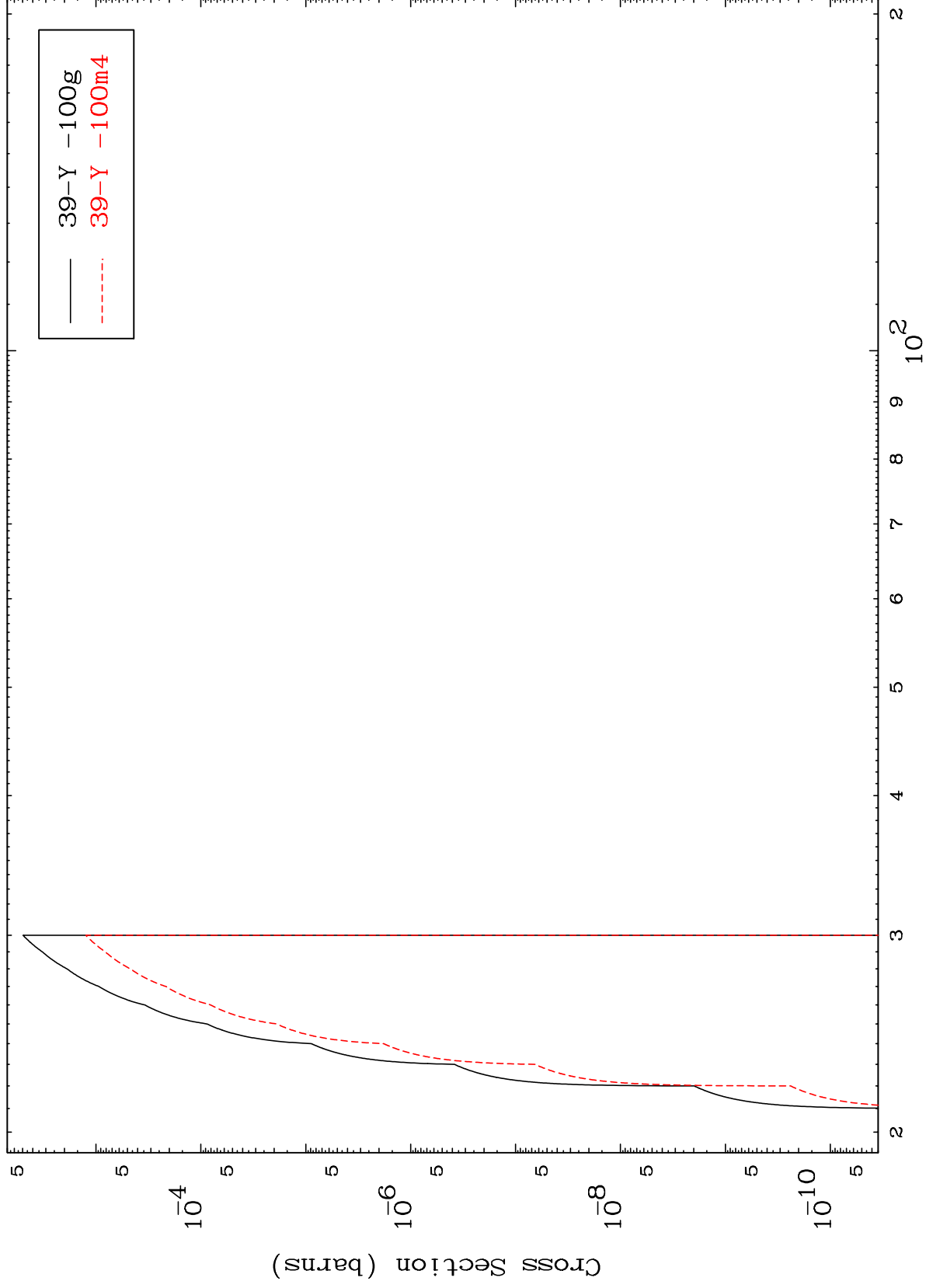
40-Zr-102

MAT 4061

(n,2n) p

40-Zr-102

Radionuclide Production Cross Section



93

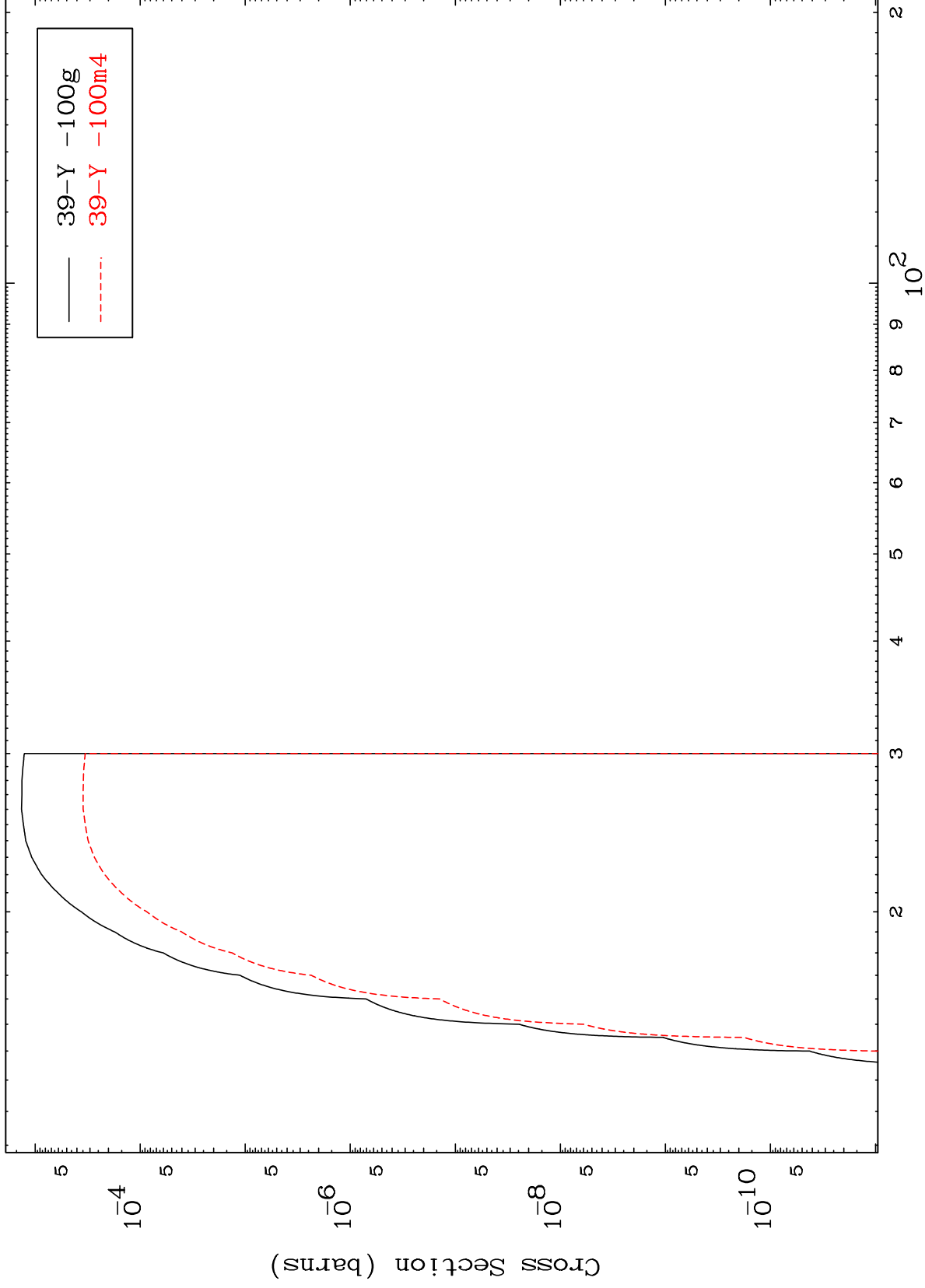
Incident Energy (MeV)

40-Zr-102

MAT 4061

40-Zr-102

(n, t)
Radionuclide Production Cross Section



94

Incident Energy (MeV)

40-Zr-102