

Program EVALPLOT  
(Version 2021-1)

by

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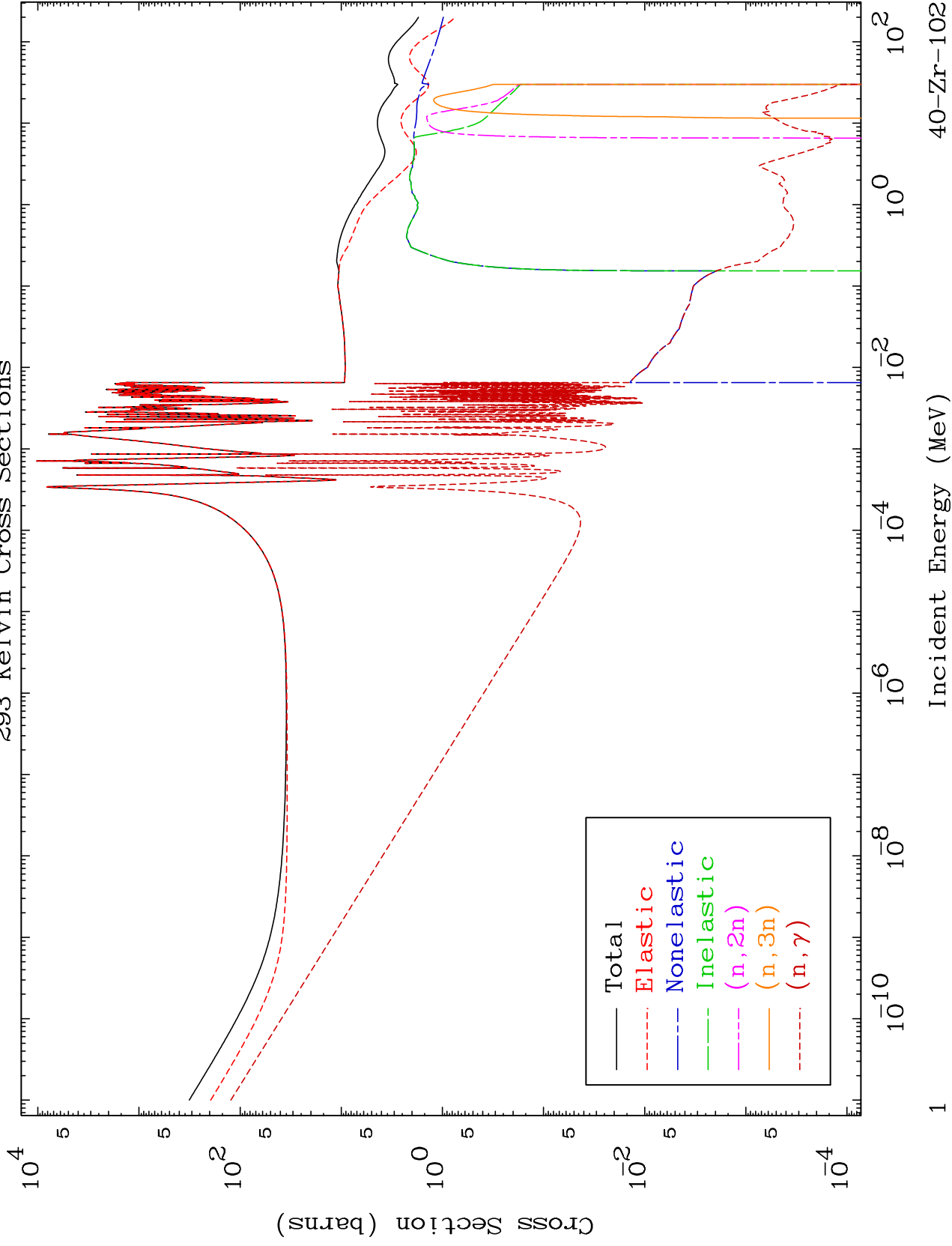
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 4061

Neutron Major  
293 Kelvin Cross Sections

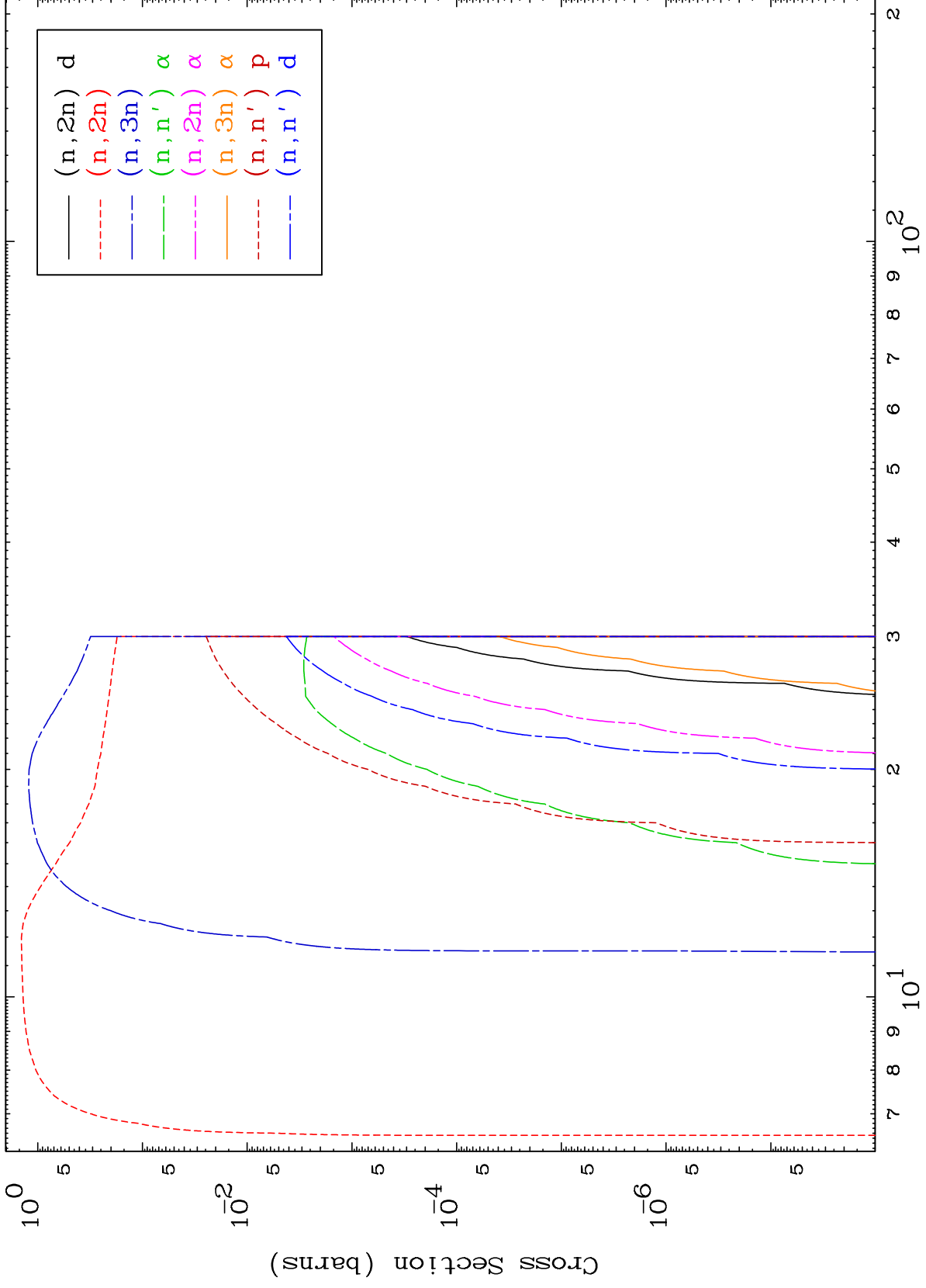
40-Zr-102



MAT 4061

Neutron Absorption  
293 Kelvin Cross Sections

40-Zr-102



2

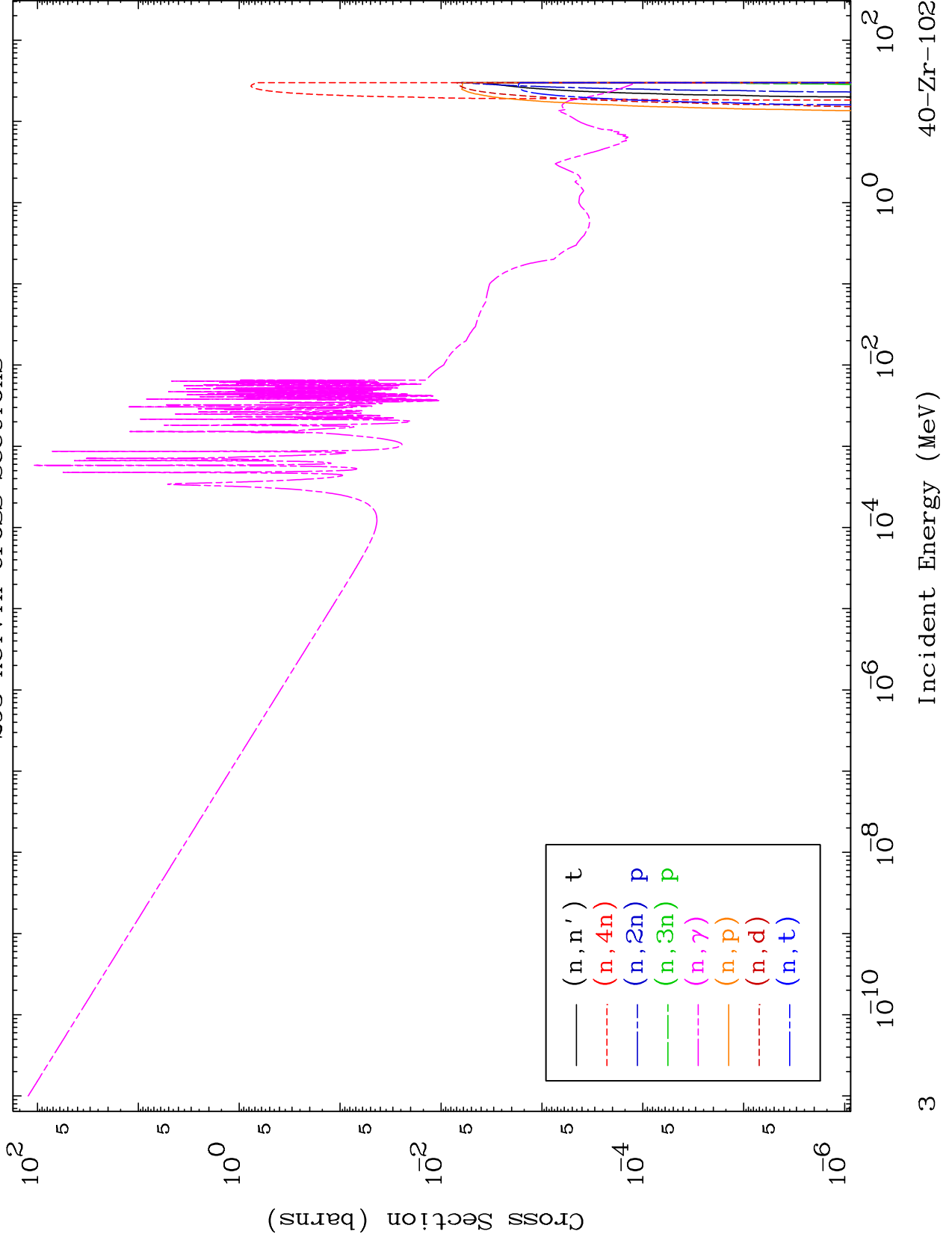
Incident Energy (MeV)

40-Zr-102

MAT 4061

Neutron Absorption  
293 Kelvin Cross Sections

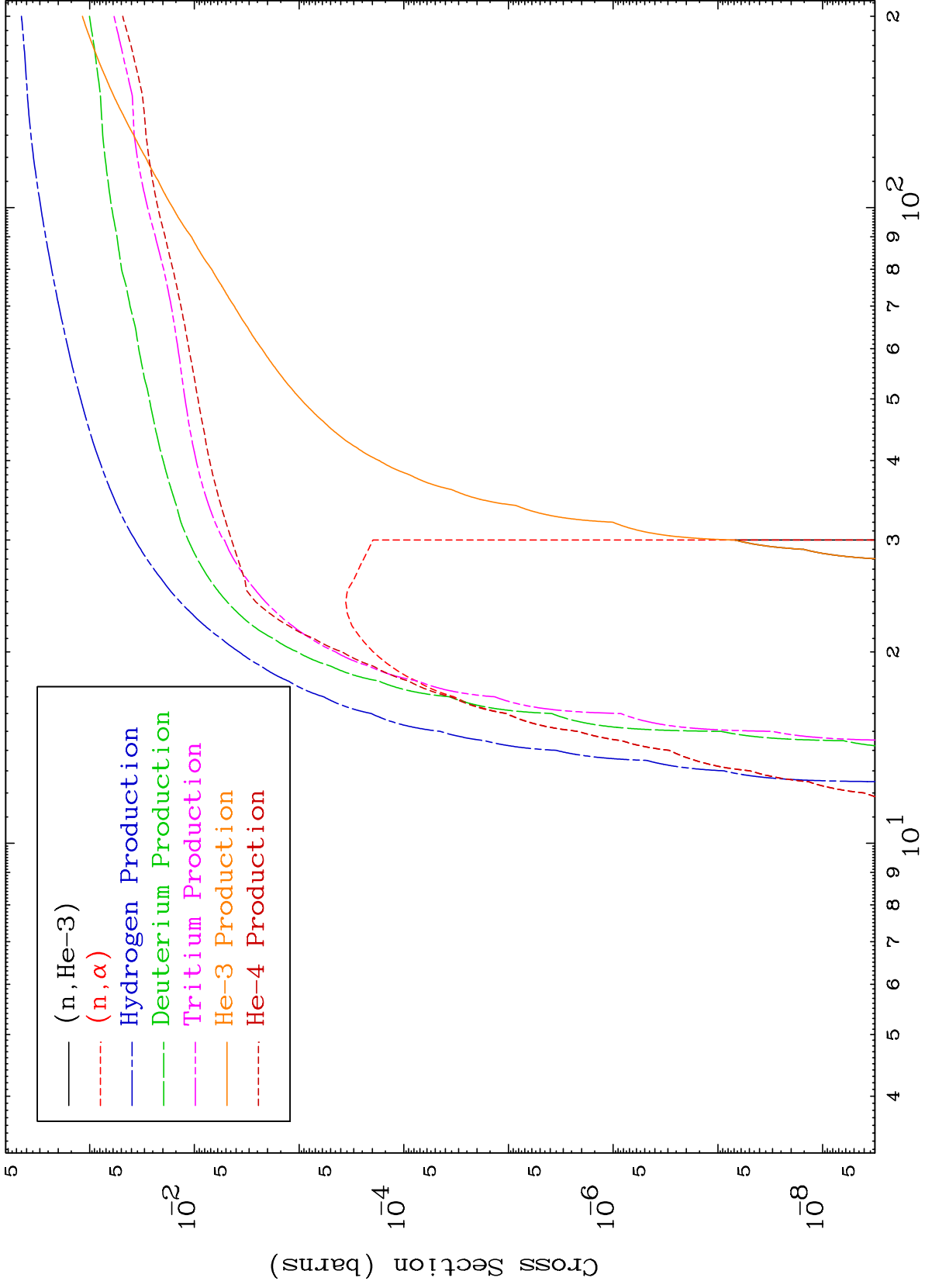
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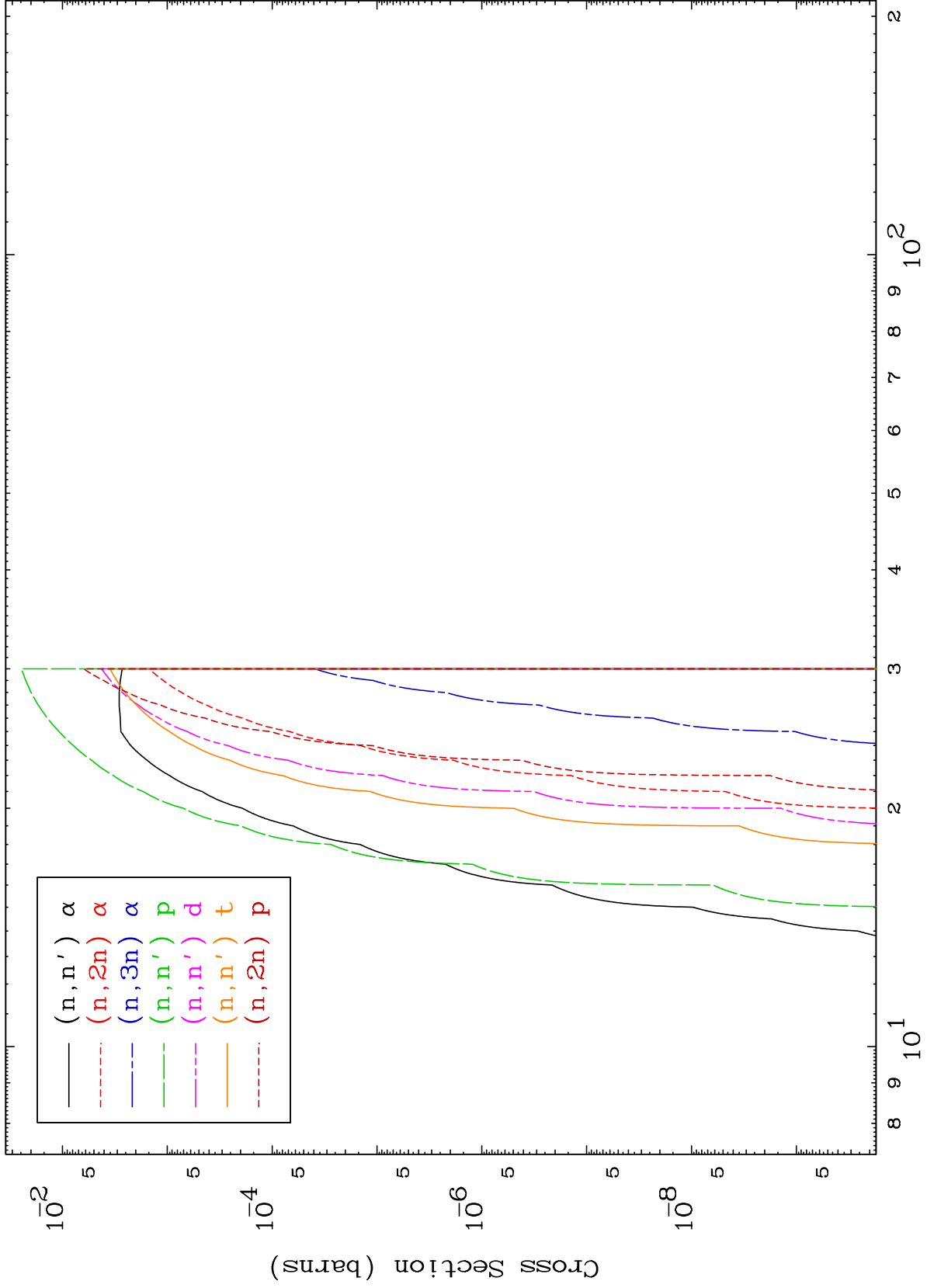


MAT 4061

Neutron Absorption  
293 Kelvin Cross Sections

40-Zr-102

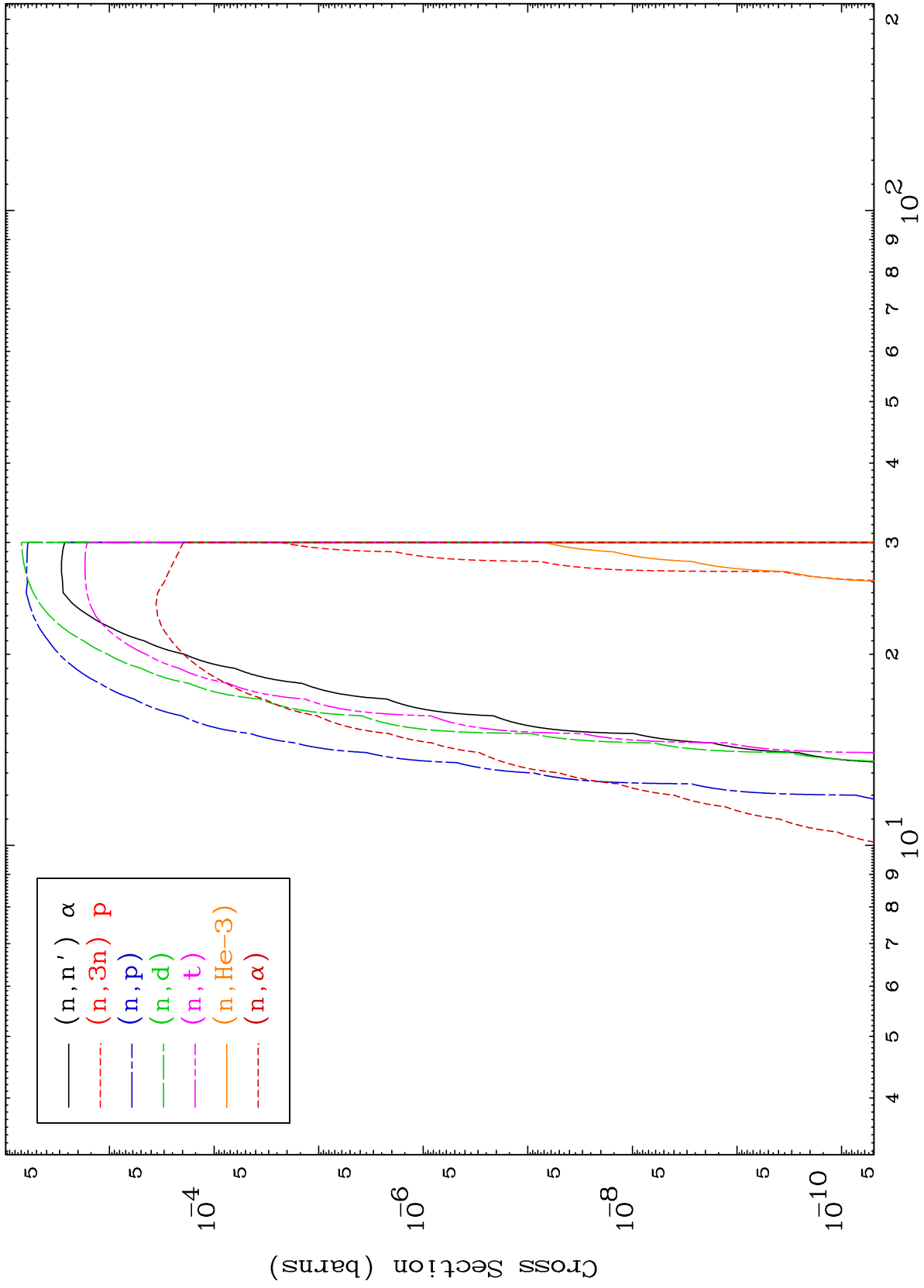




MAT 4061

Charged Particle  
293 Kelvin Cross Sections

40-Zr-102



6

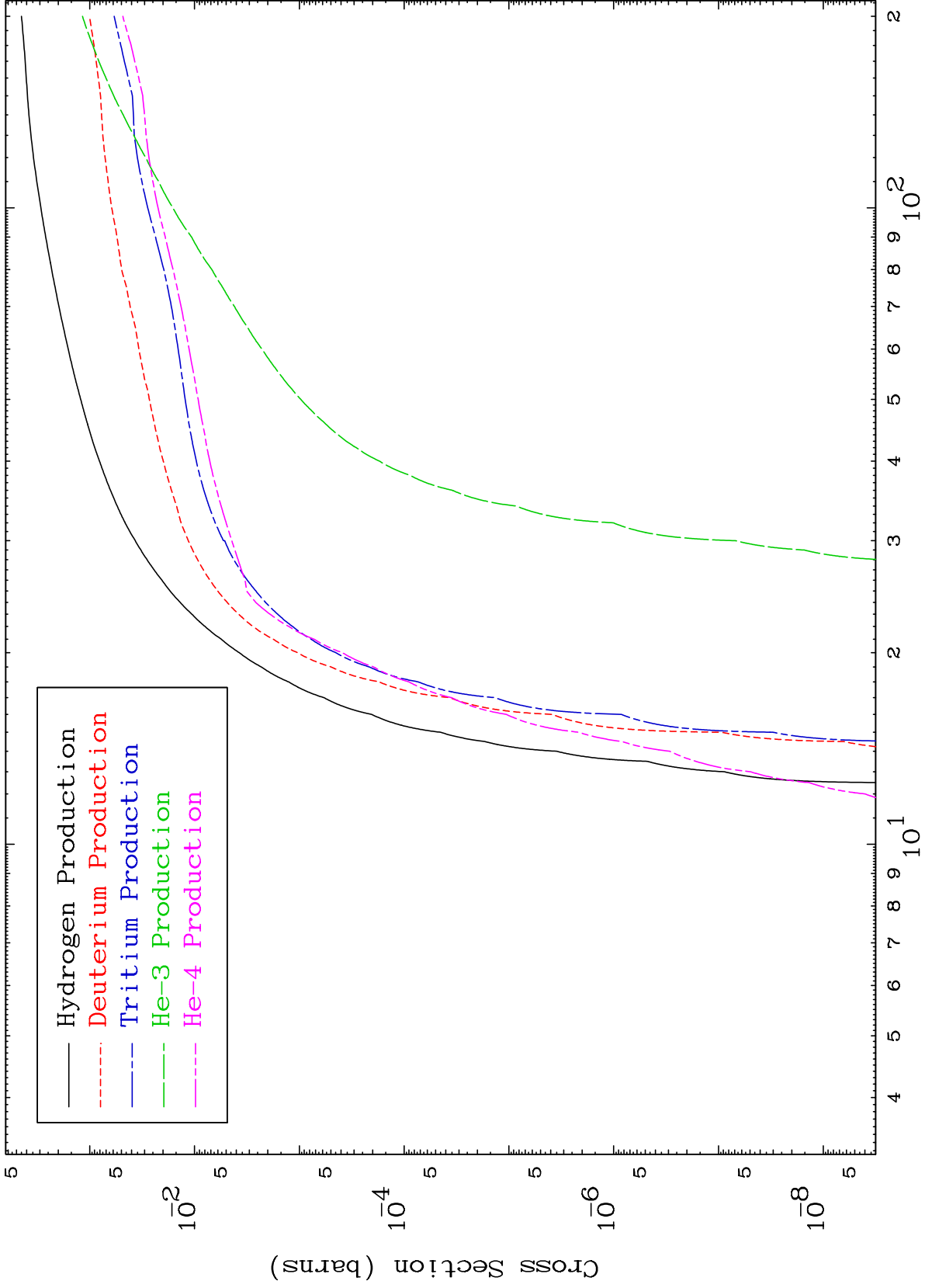
Incident Energy (MeV)

40-Zr-102

MAT 4061

Particle Production  
293 Kelvin Cross Sections

40-Zr-102



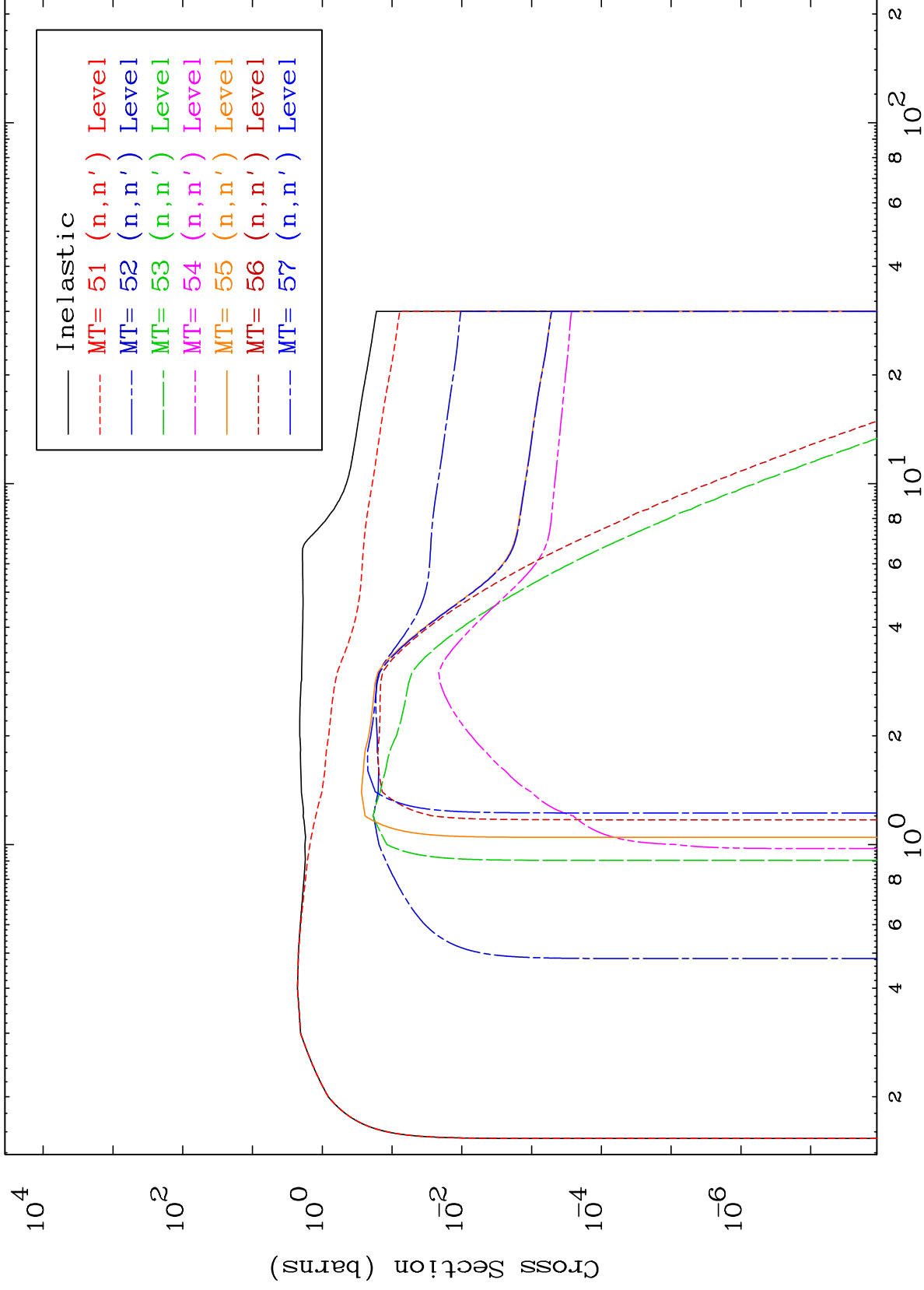


MAT 4061

(n,n') Levels

40-Zr-102

293 Kelvin Cross Sections



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Incident Energy (MeV)

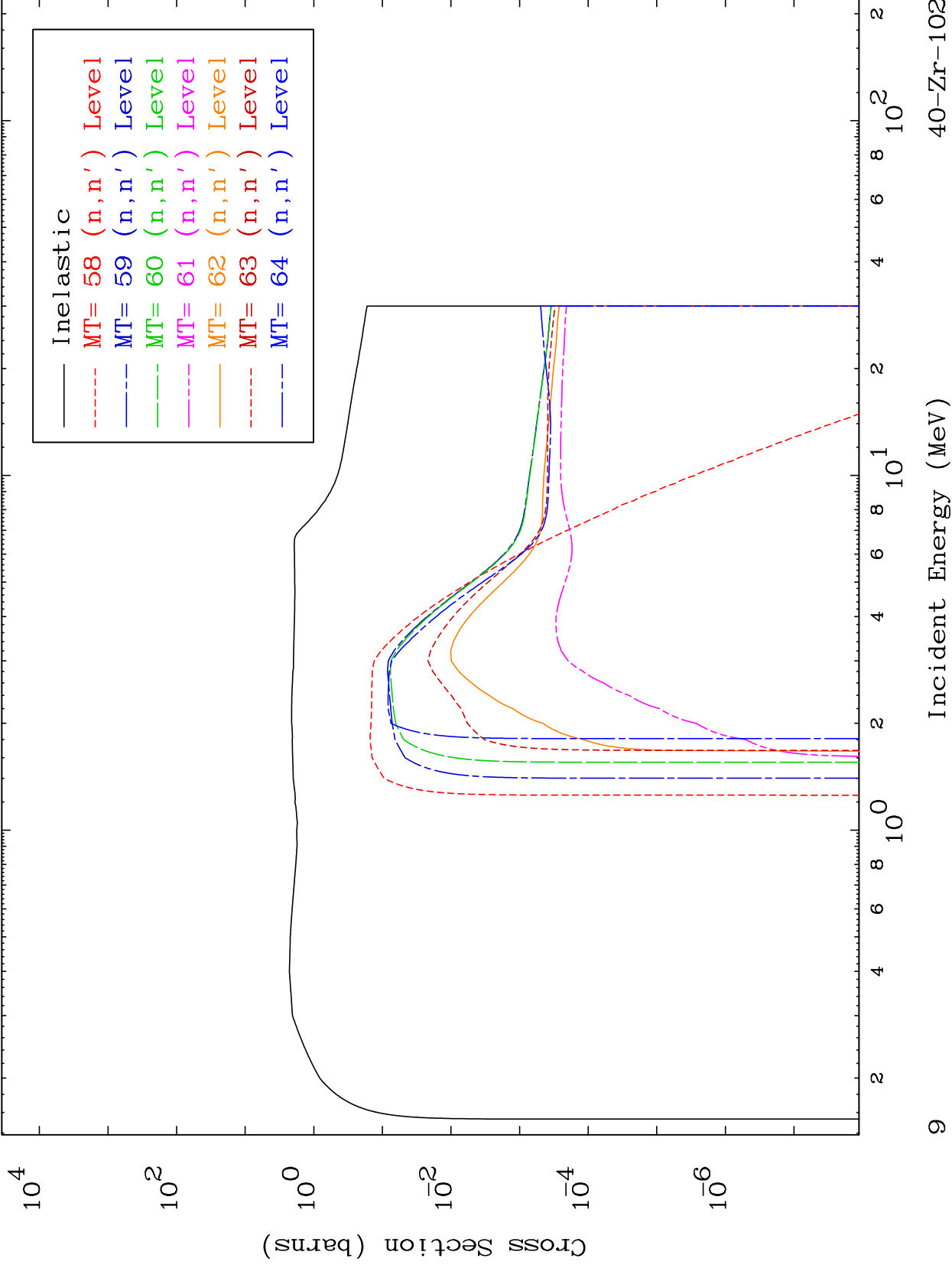
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MAT 4061

(n,n') Levels

40-Zr-102

293 Kelvin Cross Sections

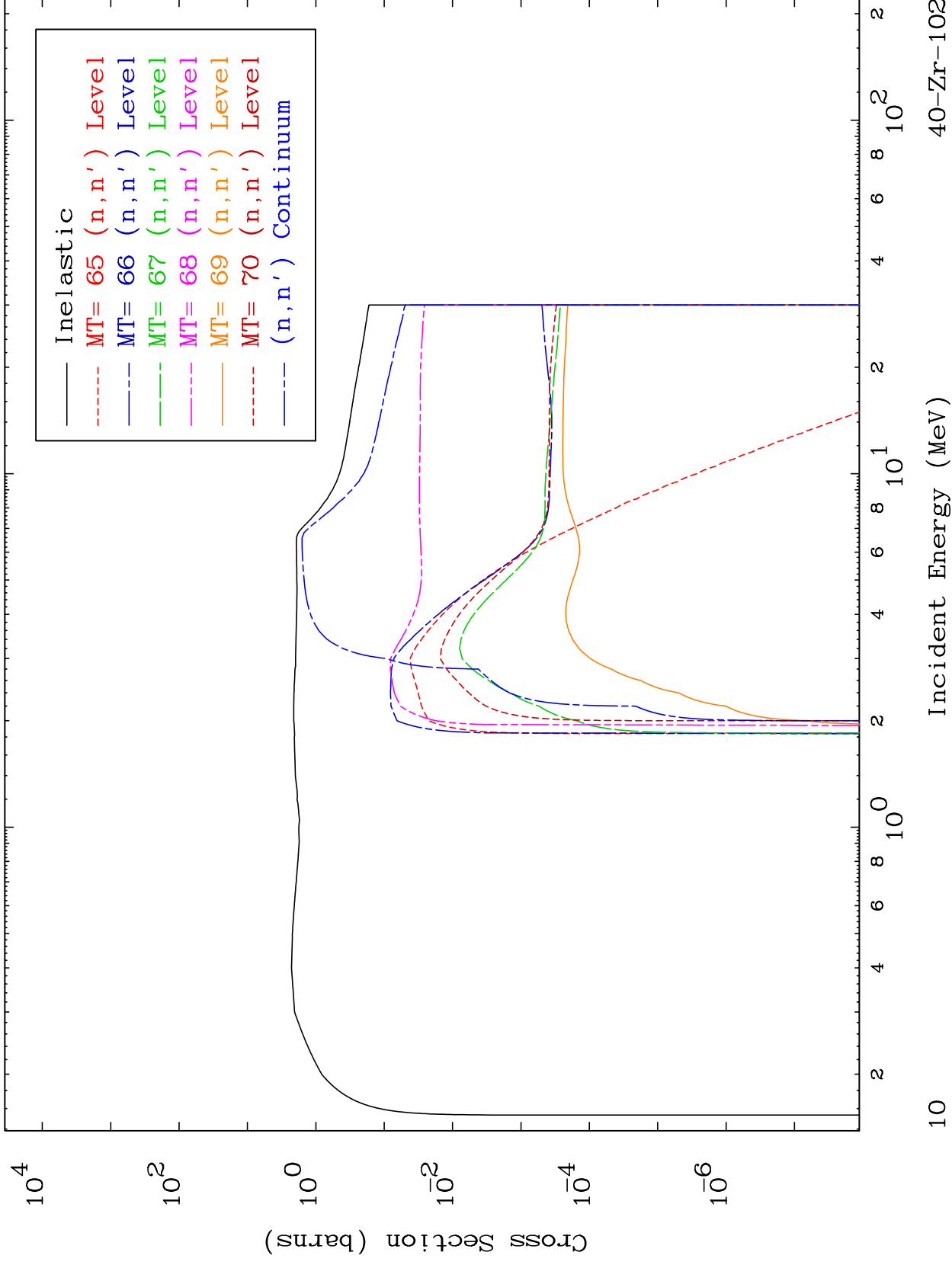


MAT 4061

(n,n') Levels

293 Kelvin Cross Sections

40-Zr-102



10

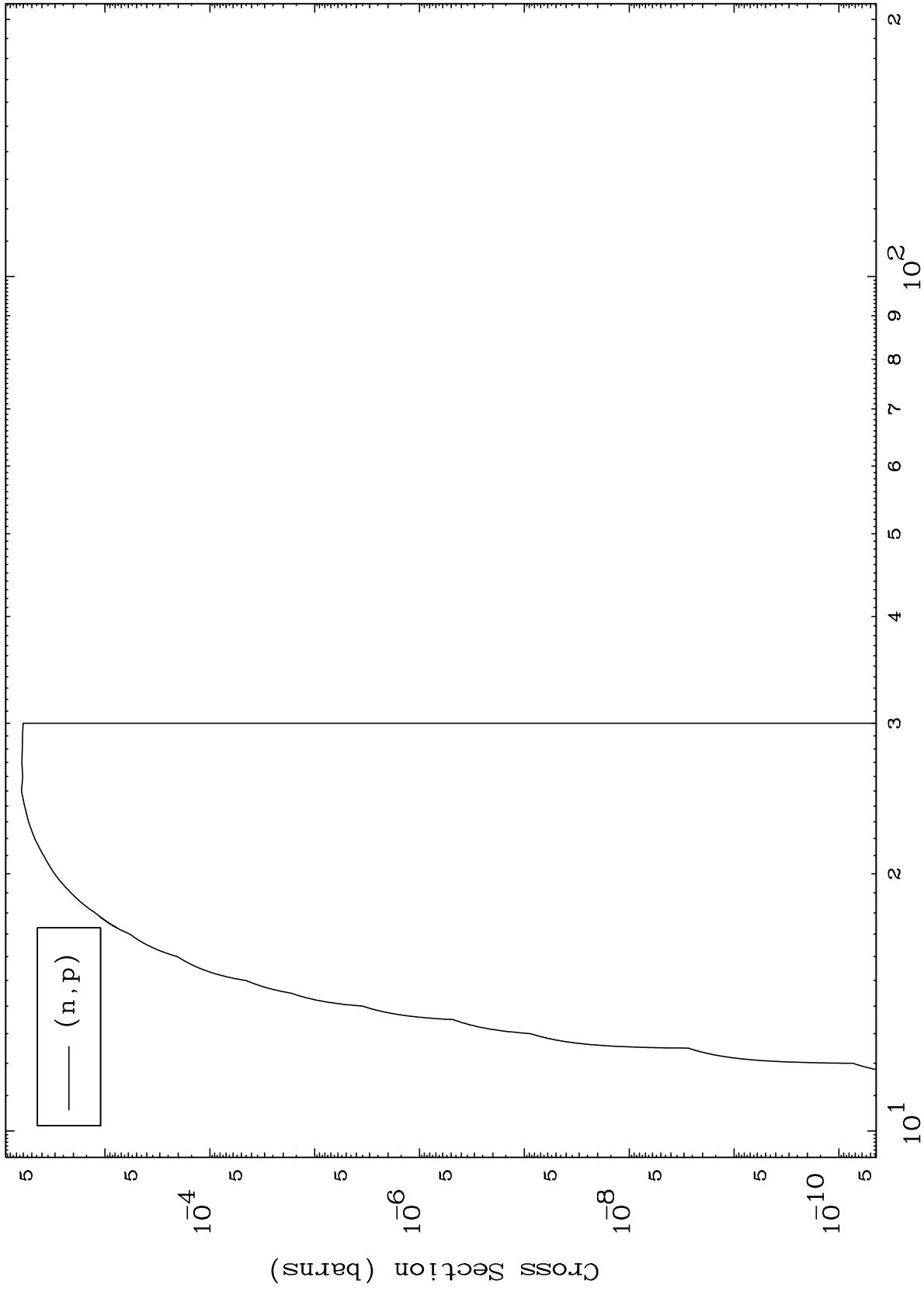
Incident Energy (MeV)

40-Zr-102

MAT 4061

(n,p) Levels  
293 Kelvin Cross Sections

40-Zr-102



11

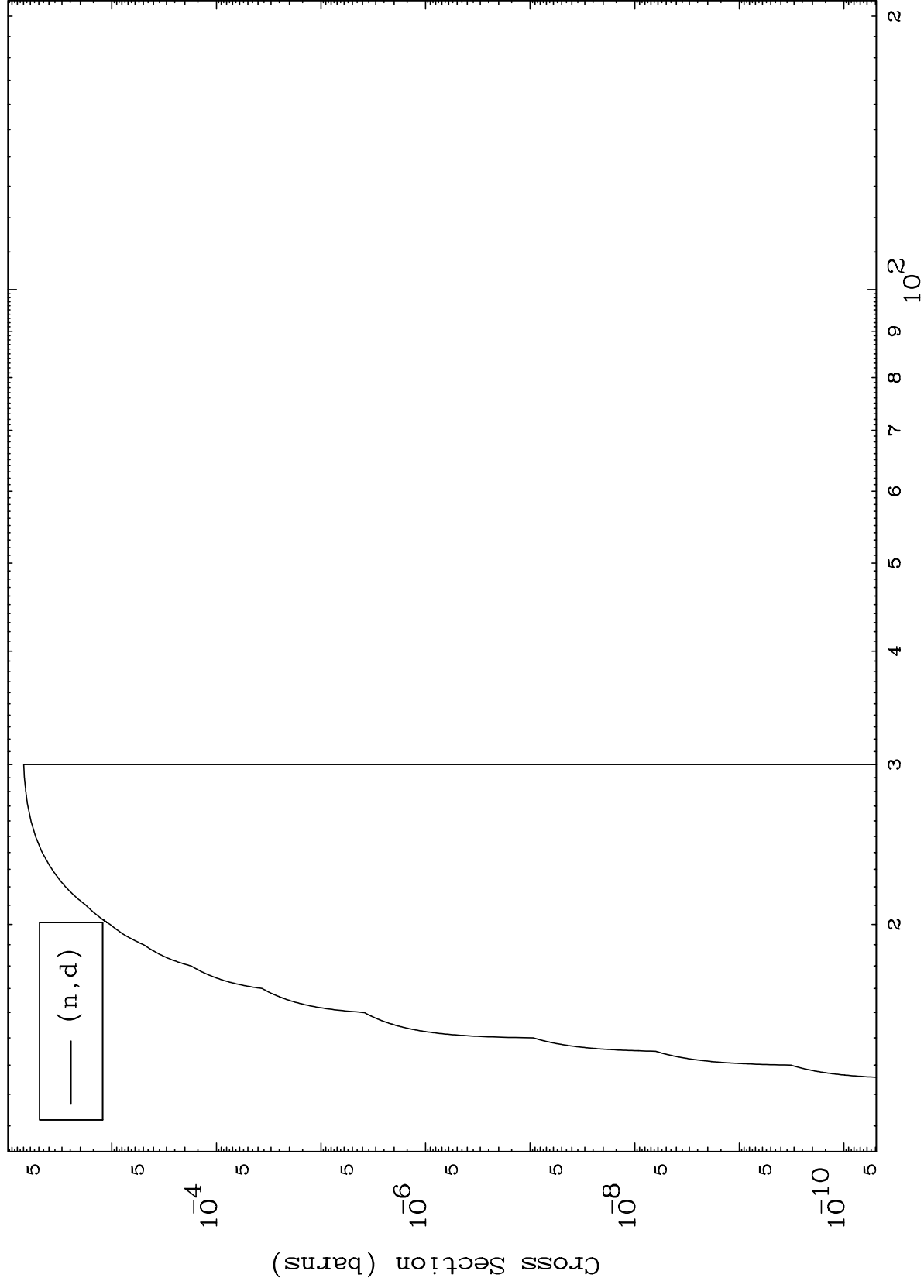
Incident Energy (MeV)

40-Zr-102

MAT 4061

(n,d) Levels  
293 Kelvin Cross Sections

40-Zr-102



12

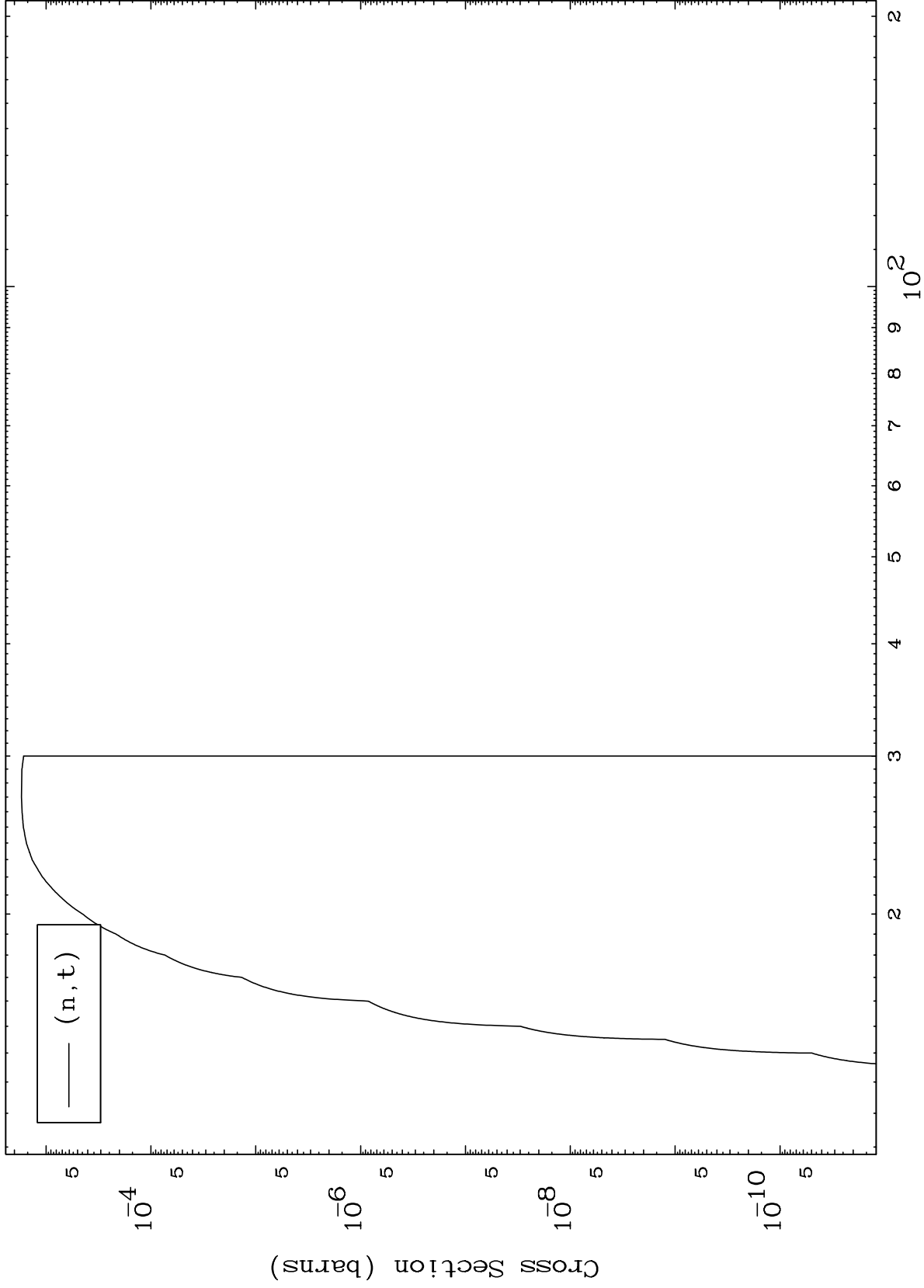
Incident Energy (MeV)

40-Zr-102

MAT 4061

(n,t) Levels  
293 Kelvin Cross Sections

40-Zr-102



13

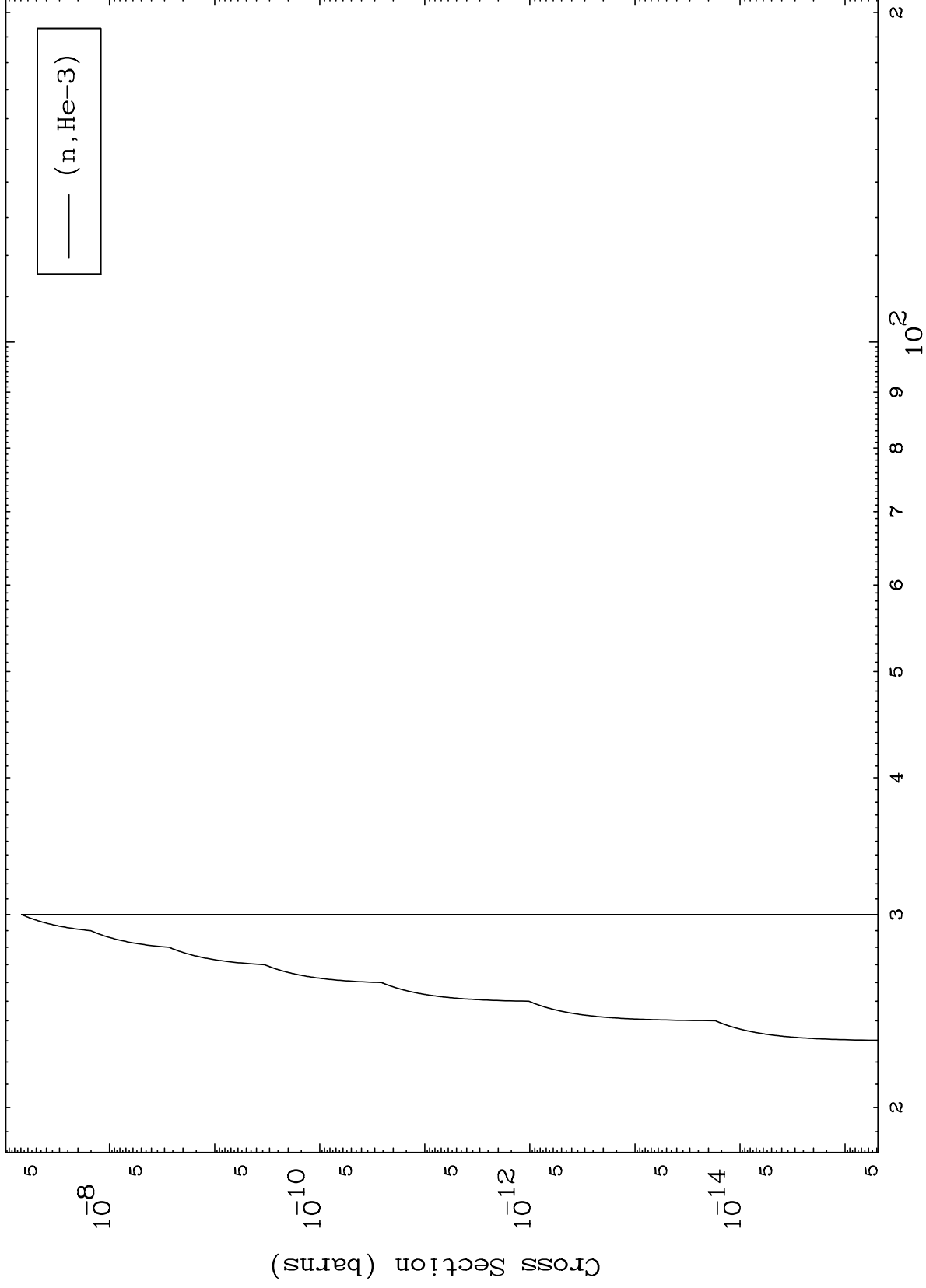
Incident Energy (MeV)

40-Zr-102

MAT 4061

(n,He3) Levels  
293 Kelvin Cross Sections

40-Zr-102



14

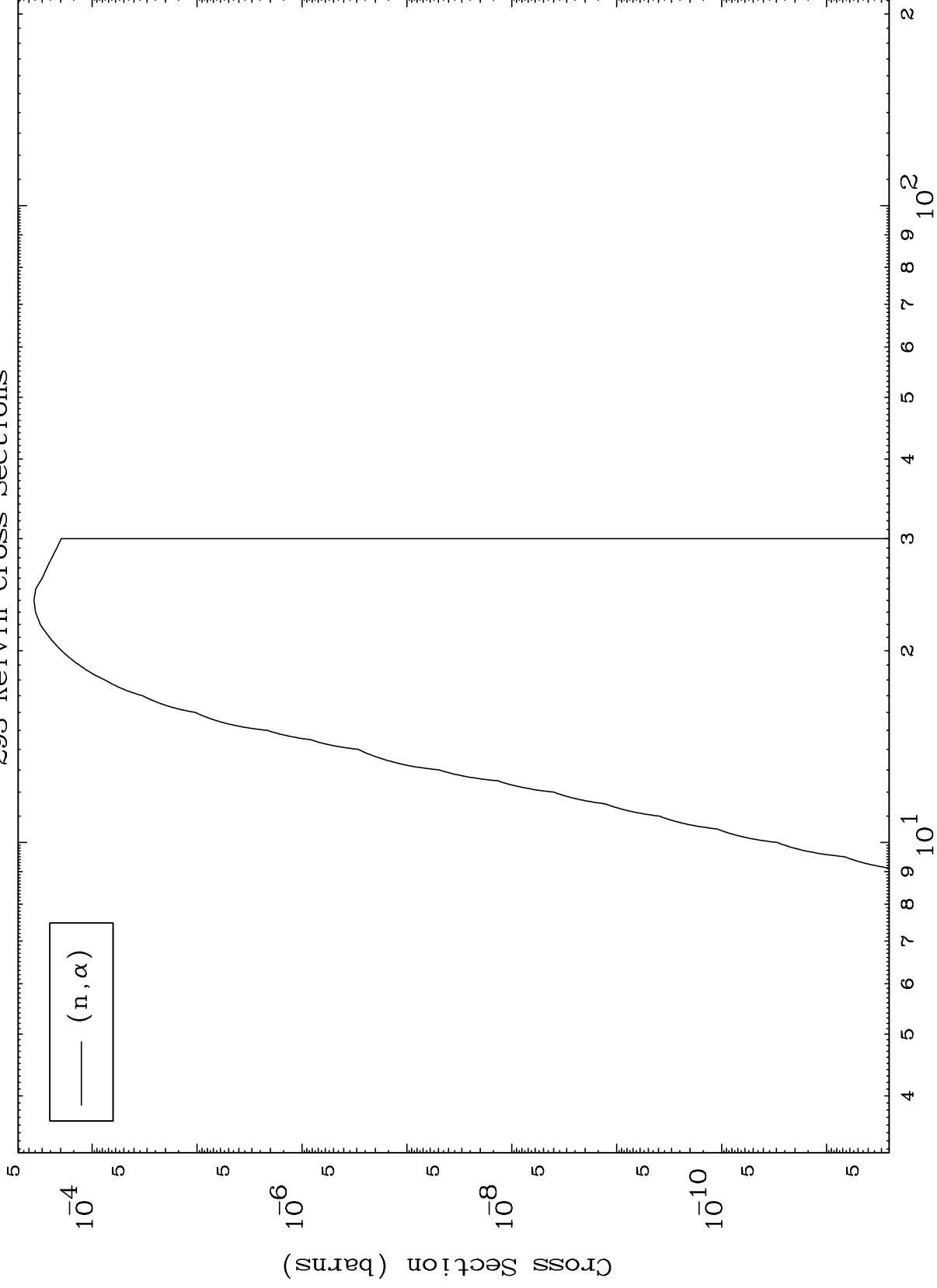
Incident Energy (MeV)

40-Zr-102

MAT 4061

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

40-Zr-102

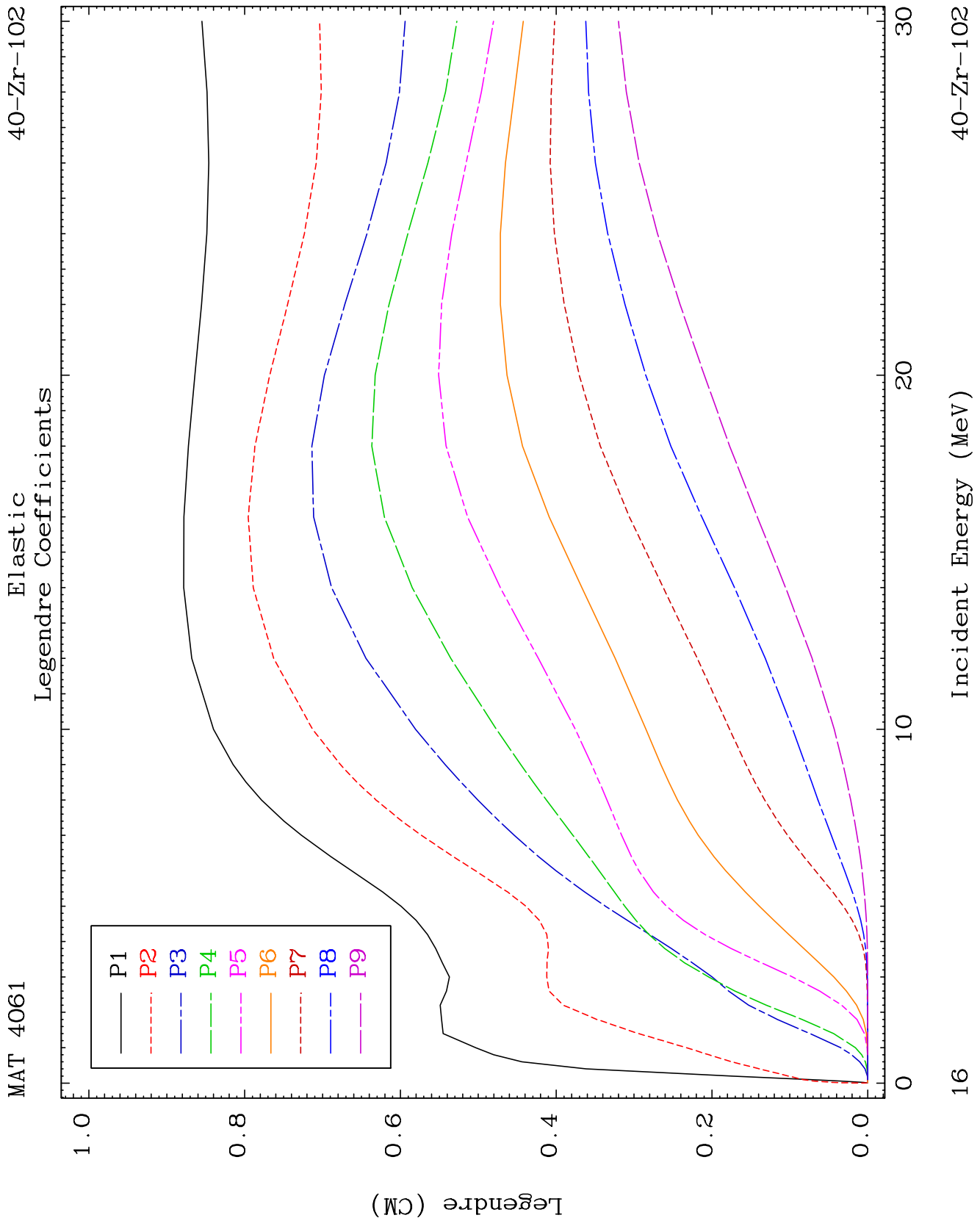


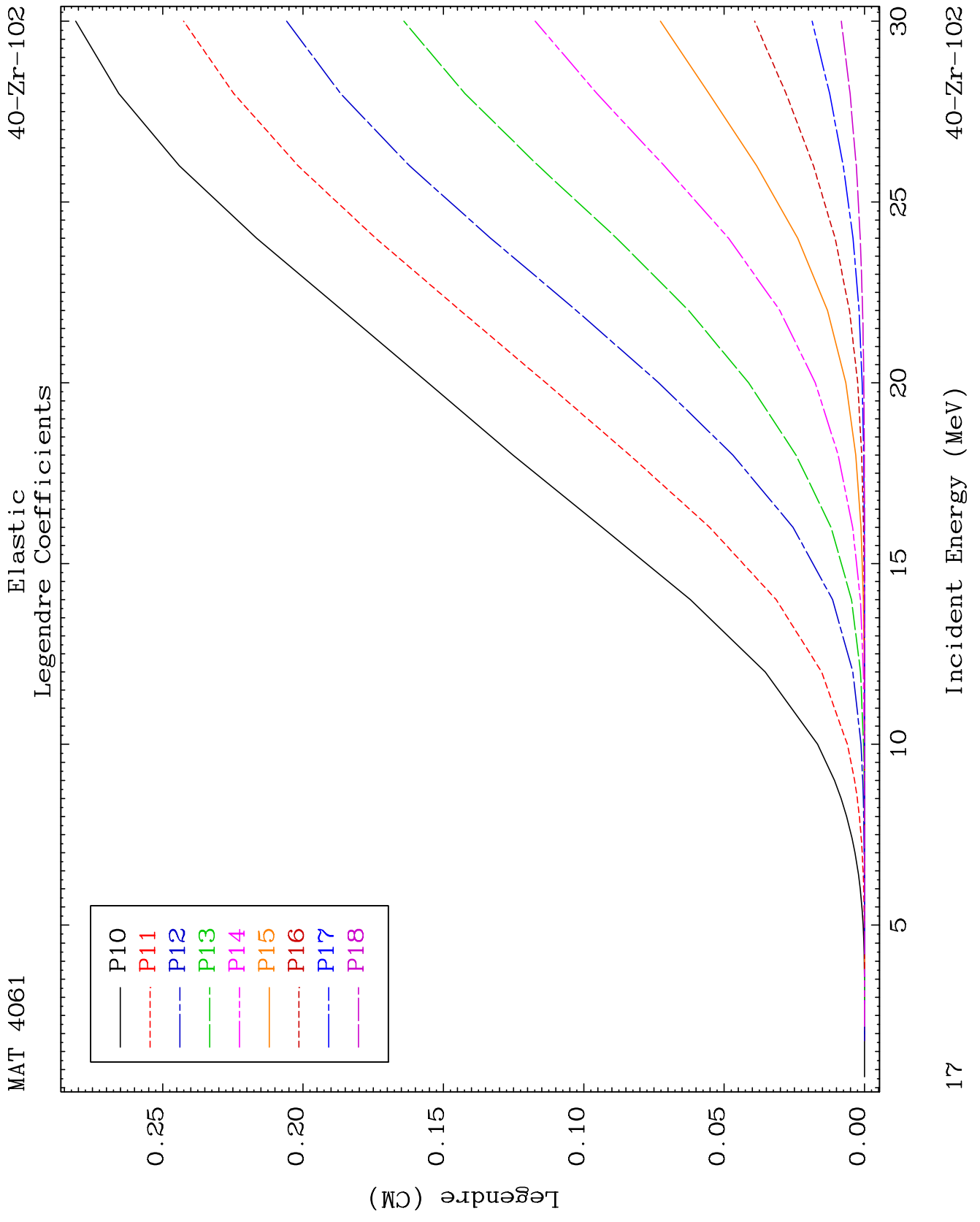
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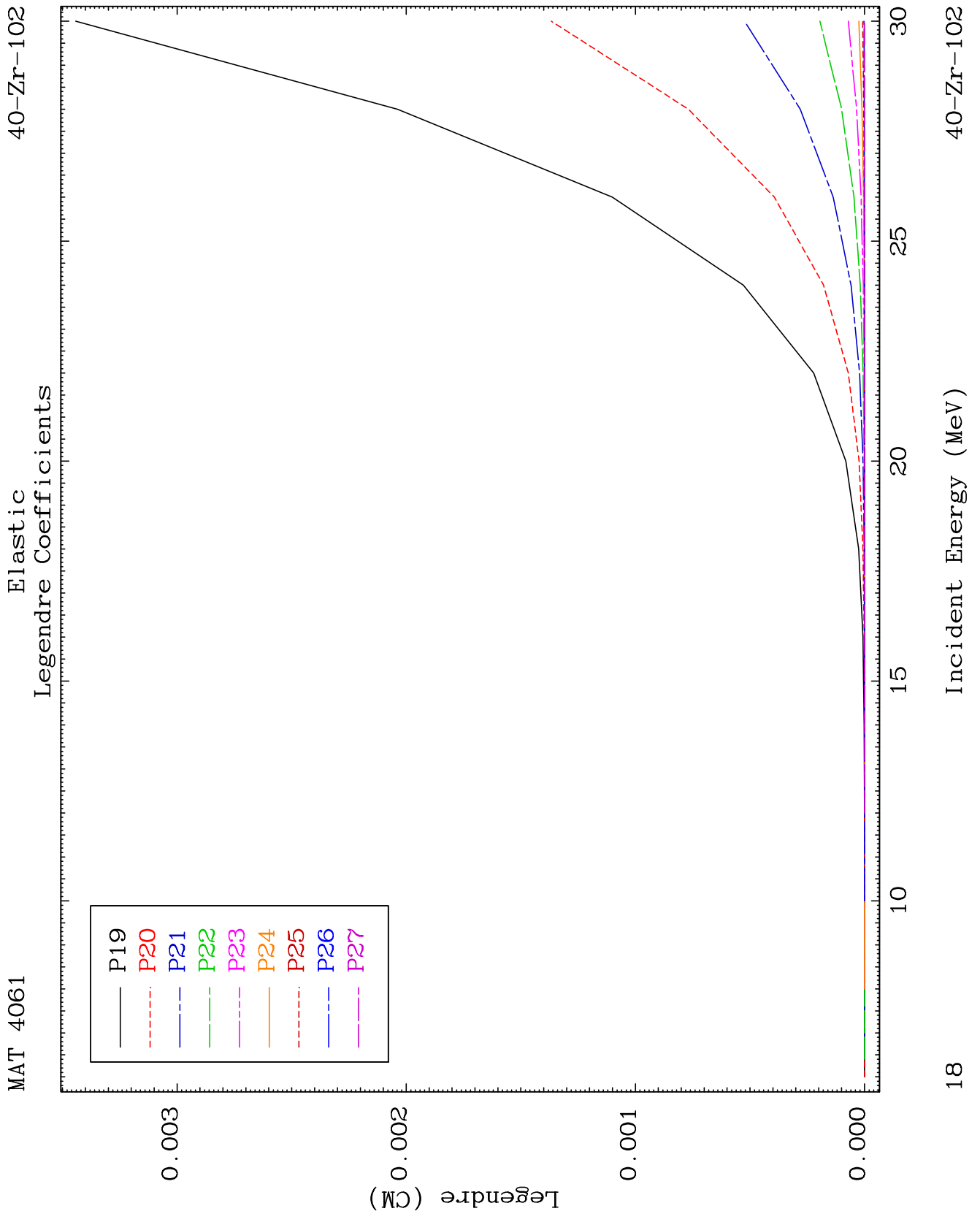
Incident Energy (MeV)

40-Zr-102





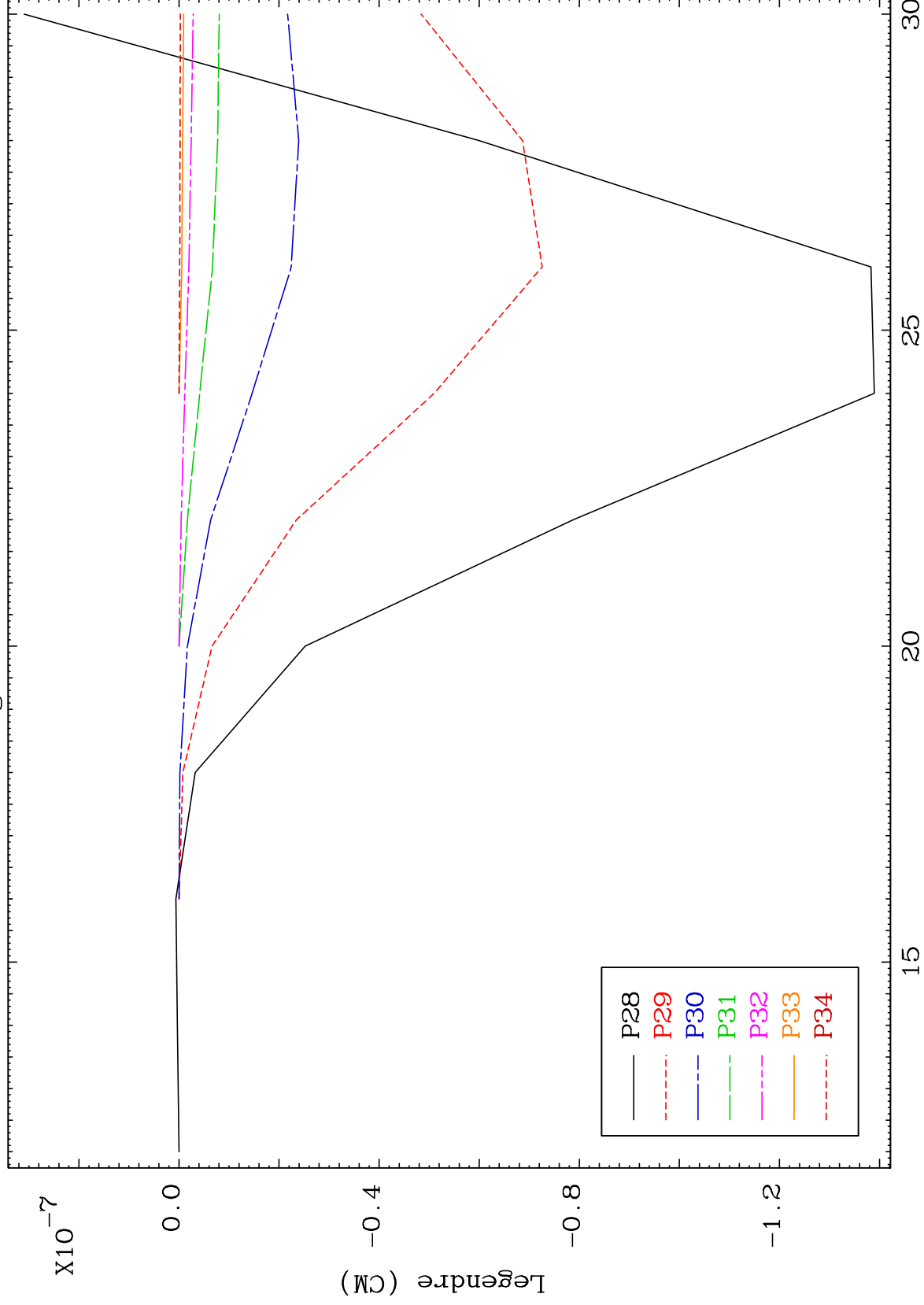




MAT 4061

Elastic Legendre Coefficients

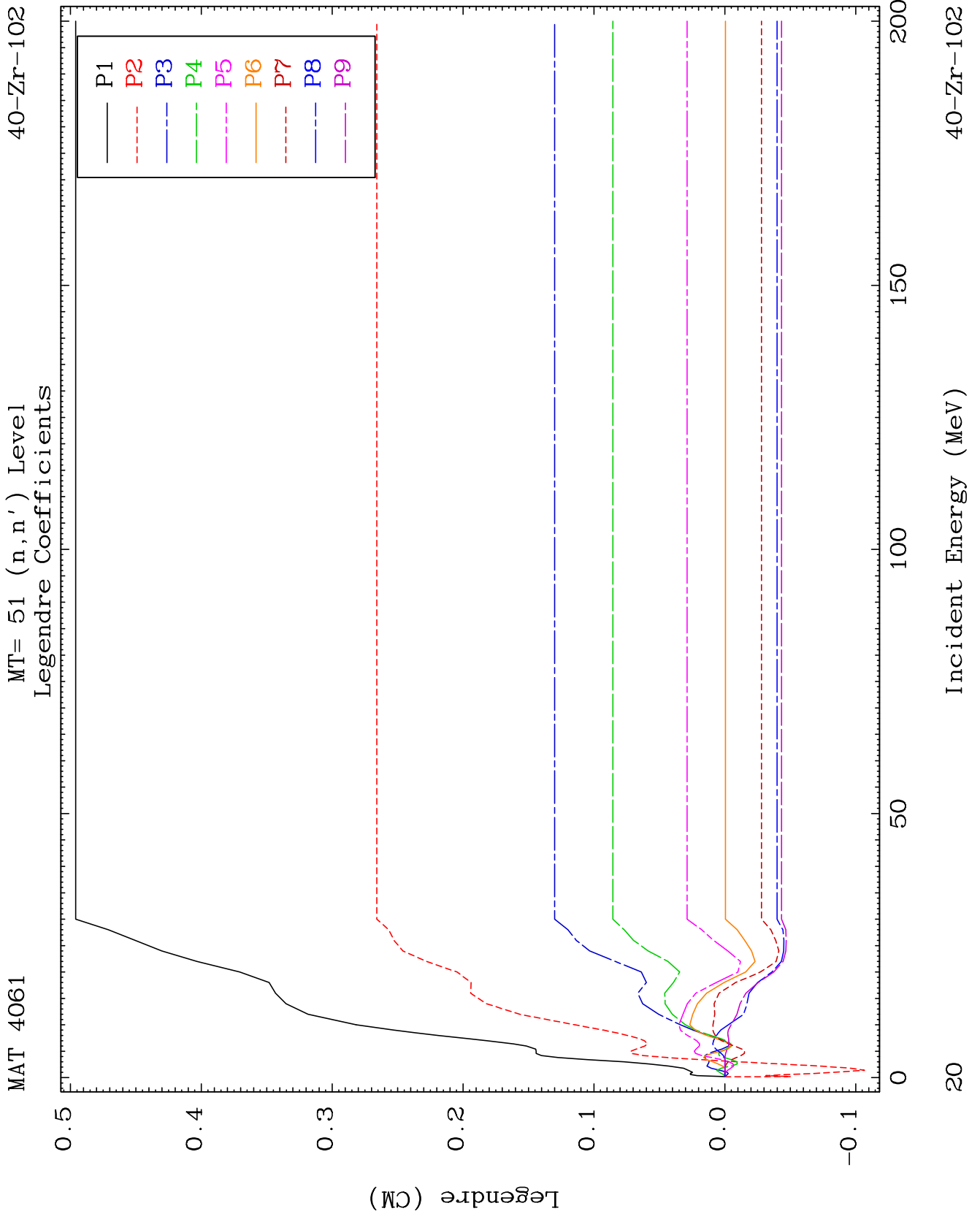
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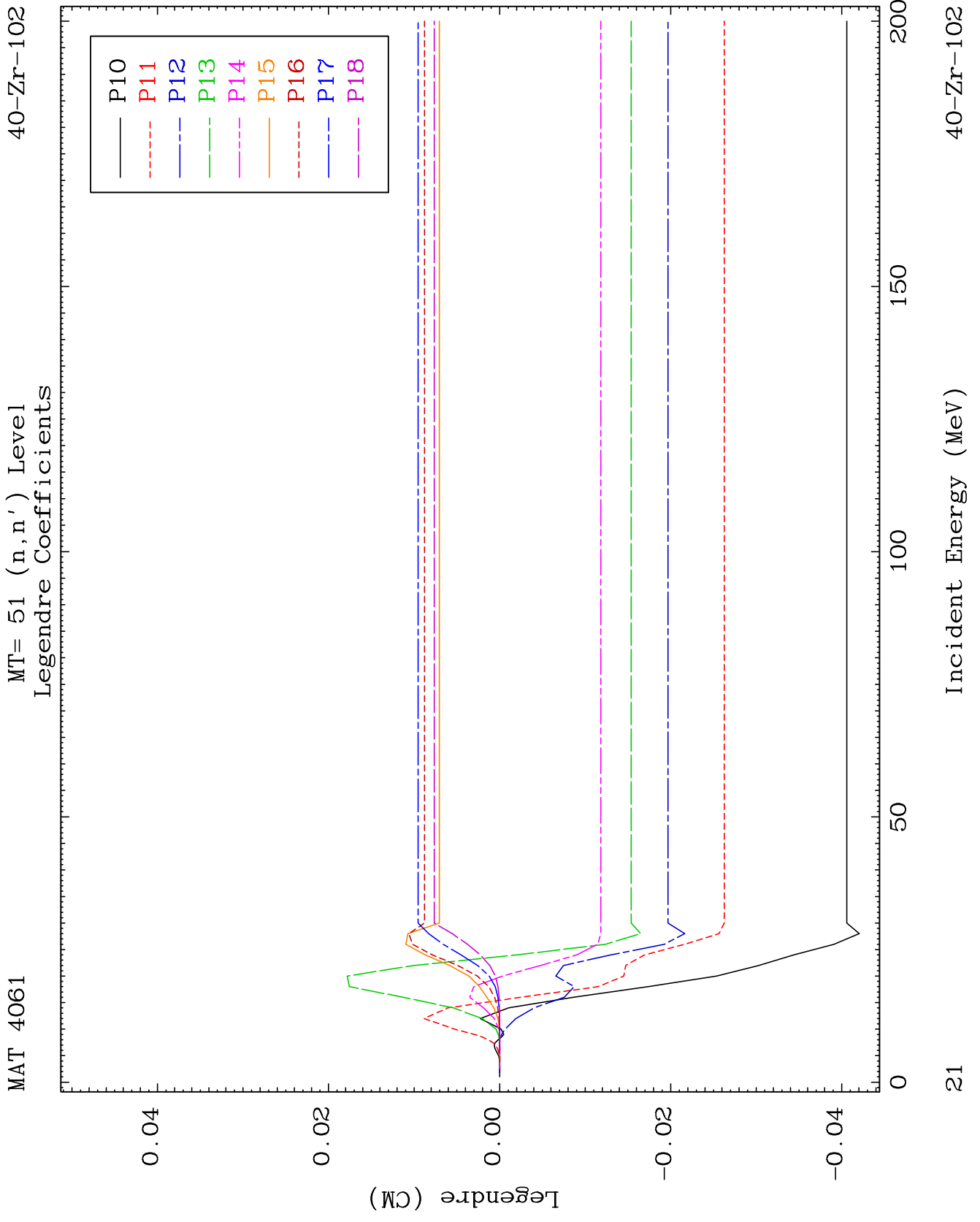


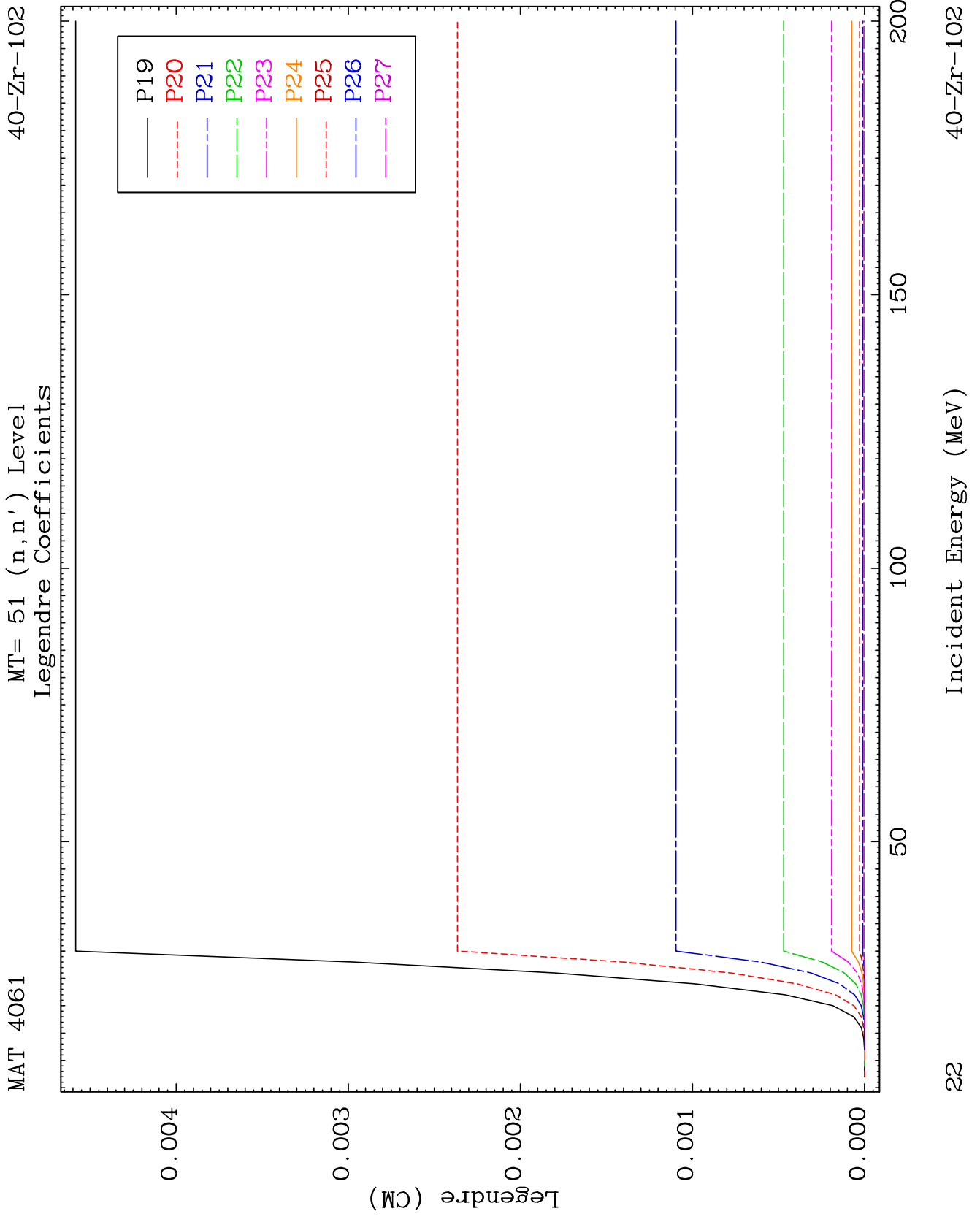
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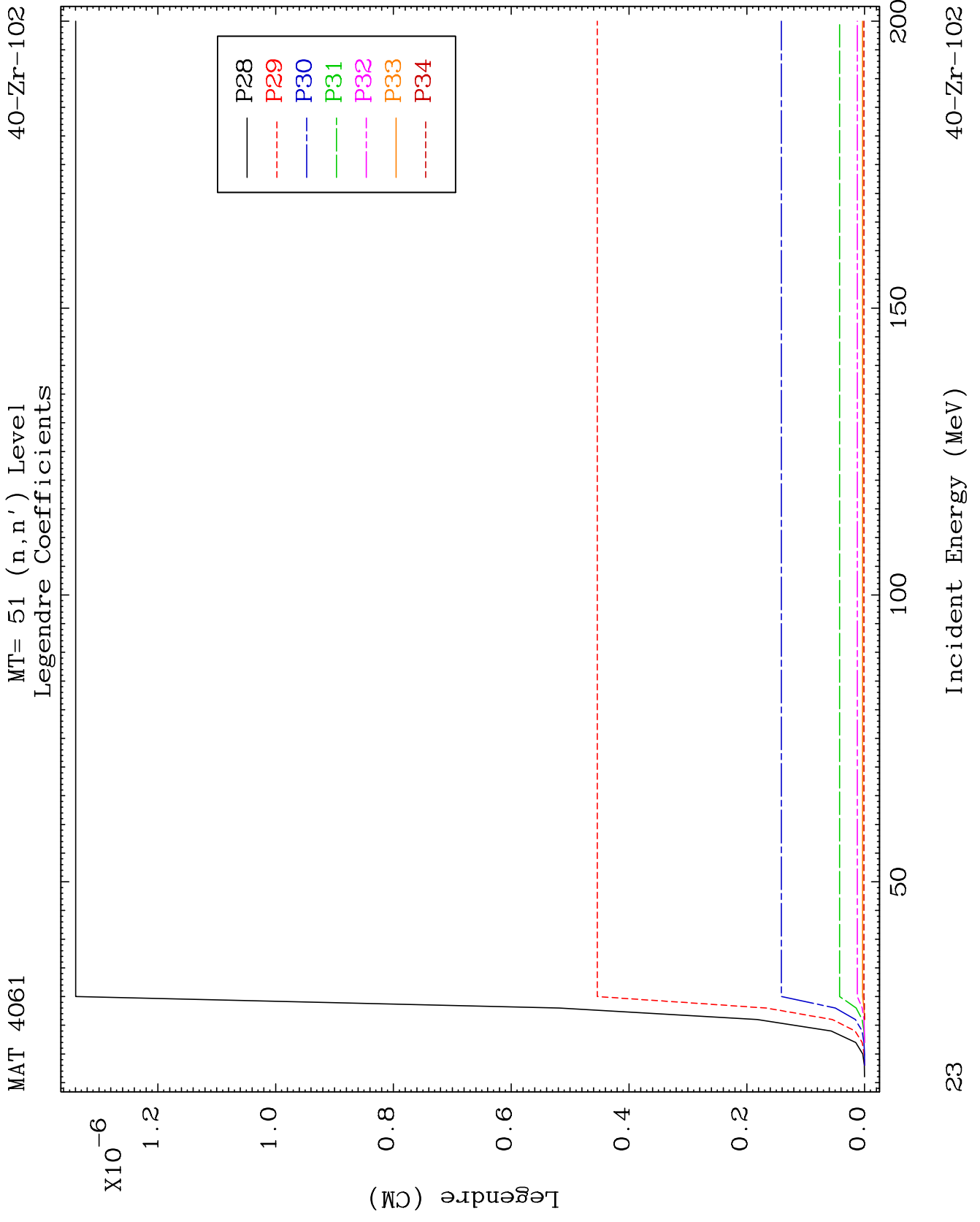
Incident Energy (MeV)

40-Zr-102







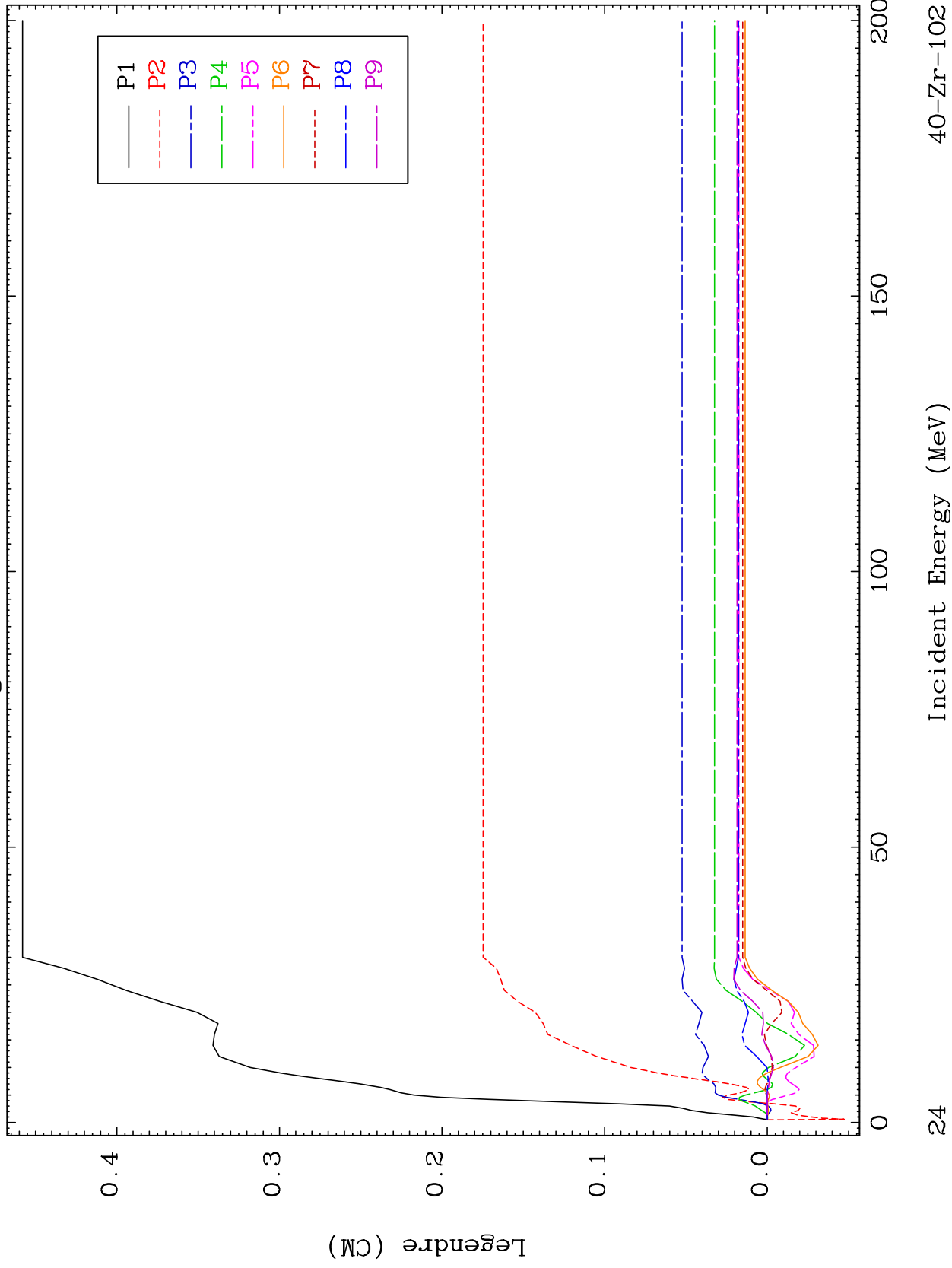




MAT 4061

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

40-Zr-102



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Incident Energy (MeV)

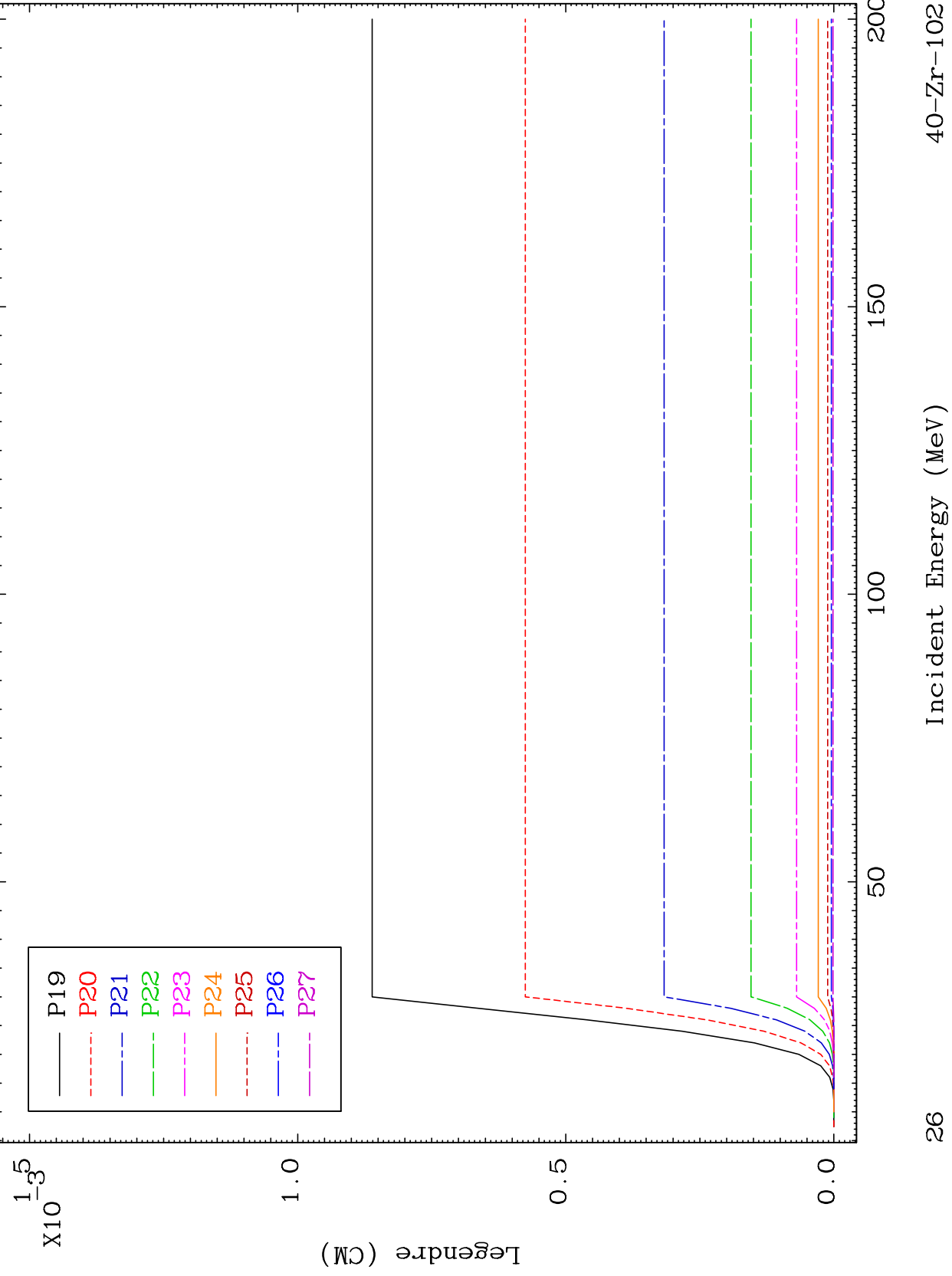
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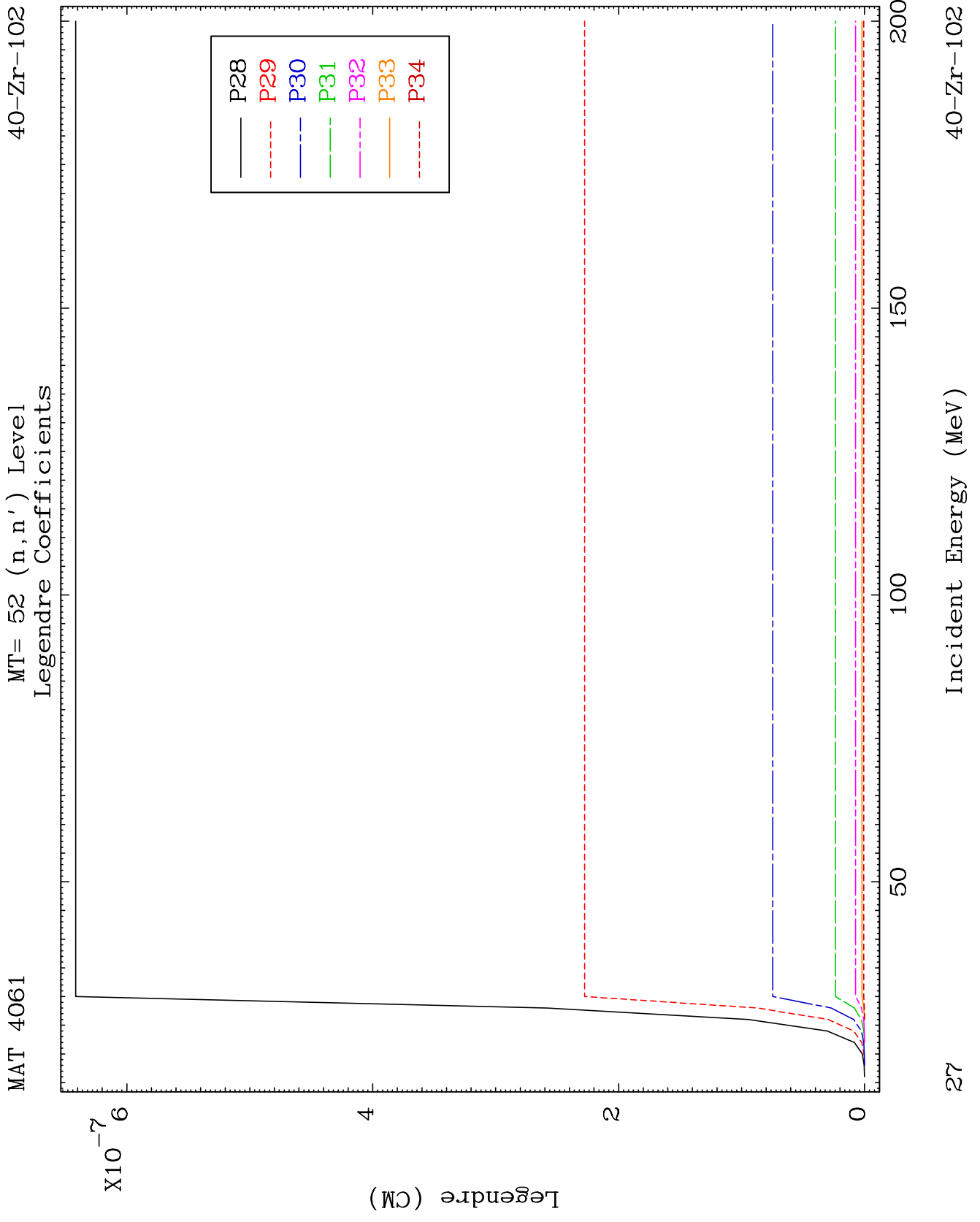
MAT 4061

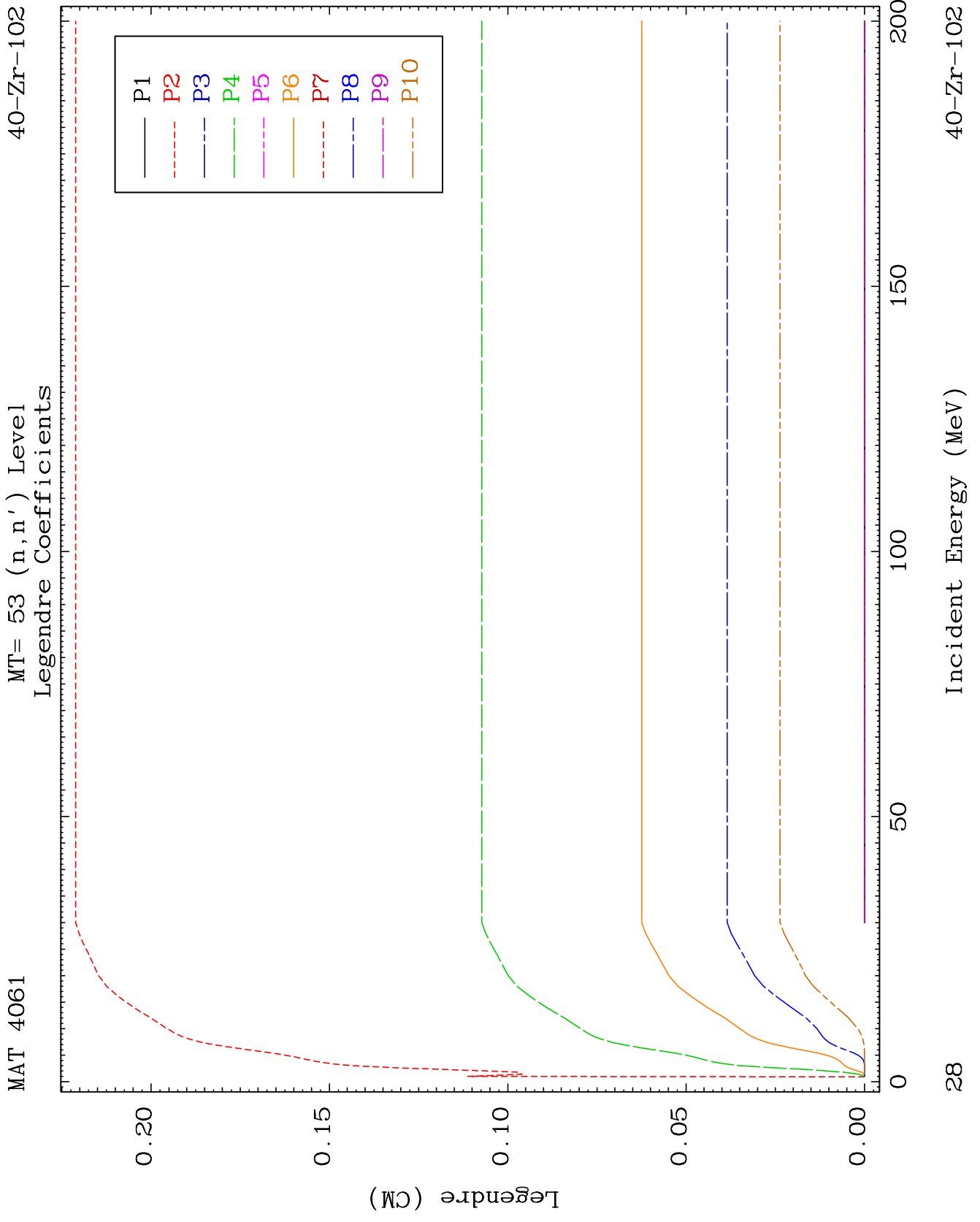
MT= 52 (n,n') Level  
Legendre Coefficients

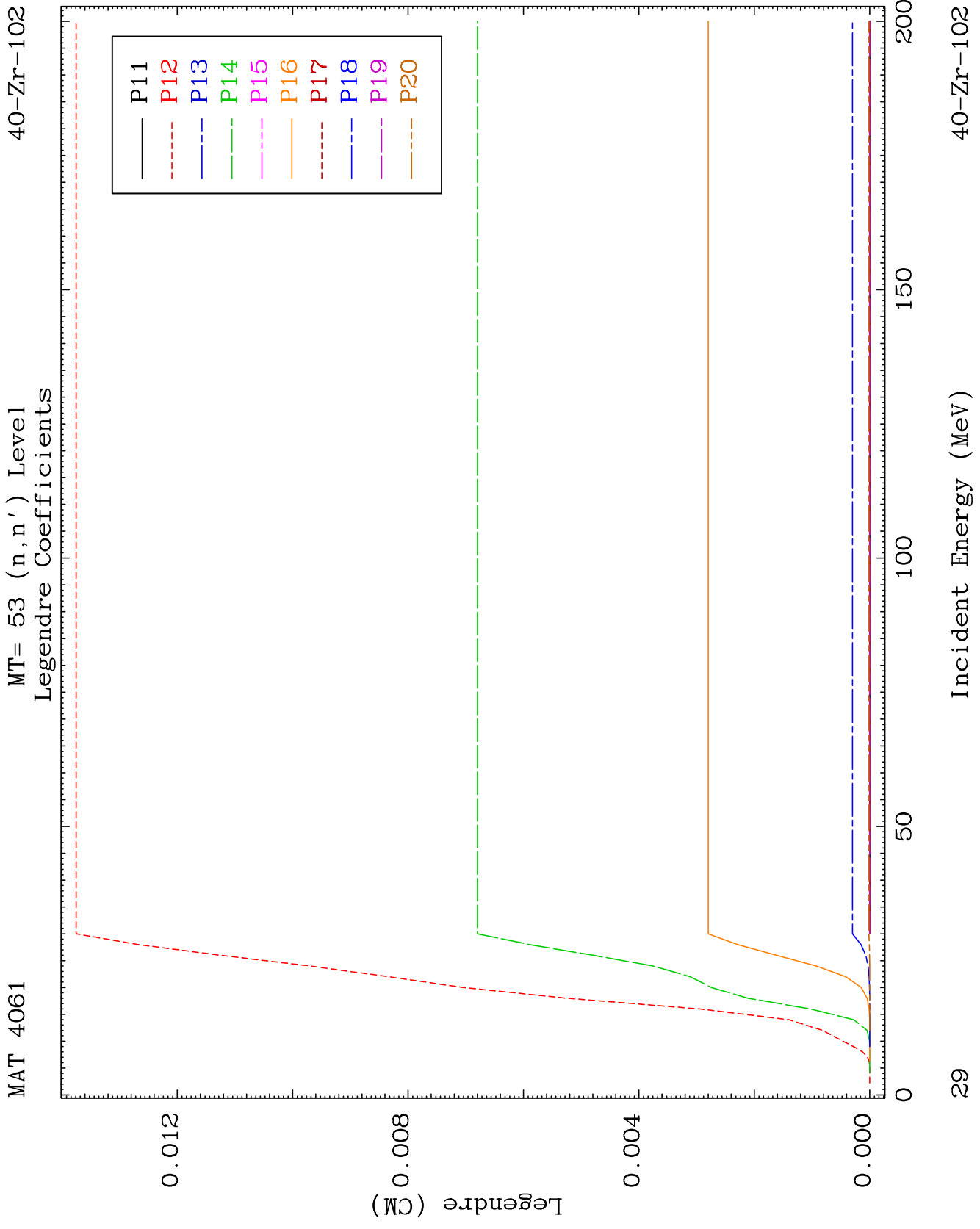
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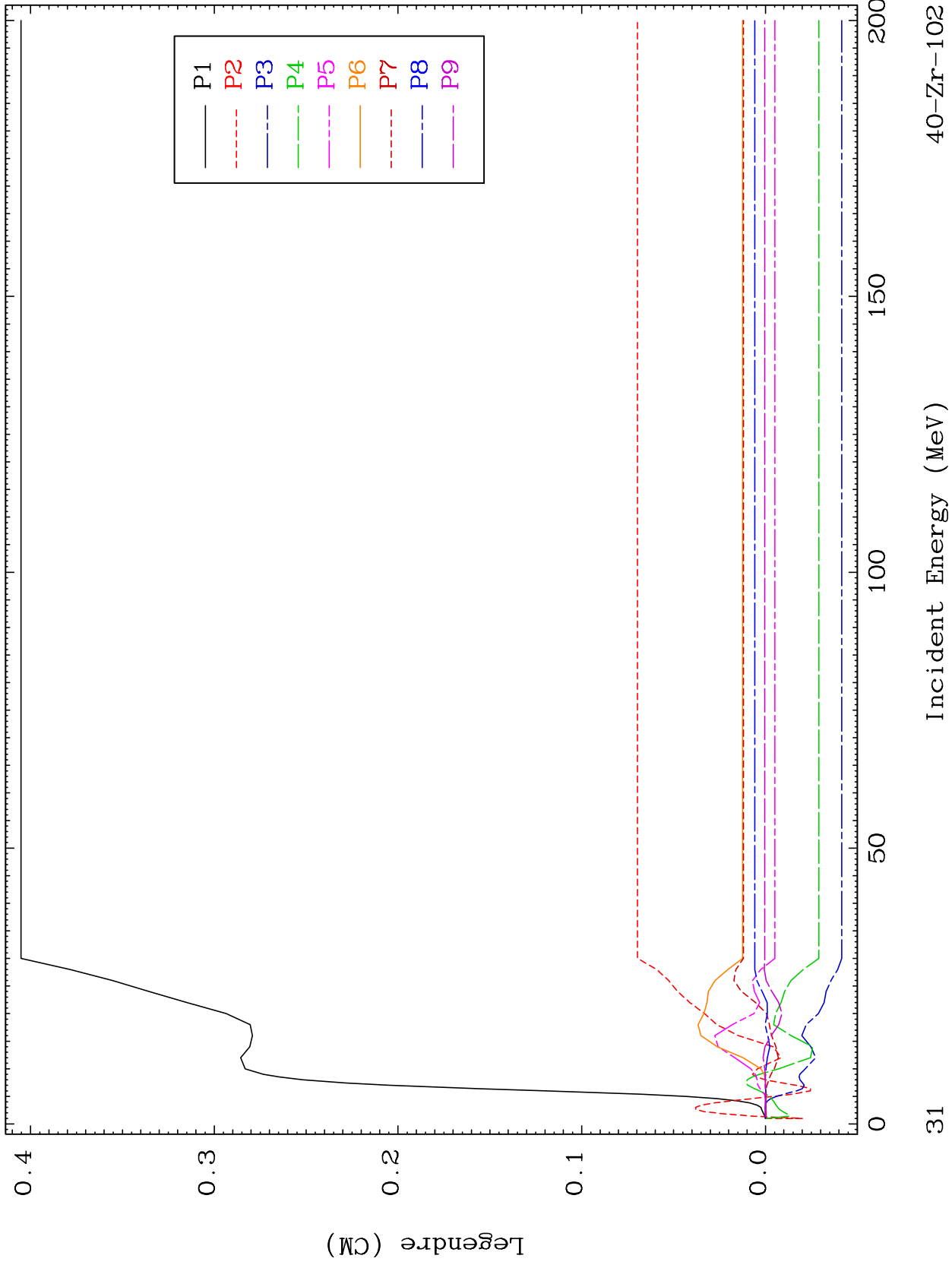




MAT 4061

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

40-Zr-102



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Incident Energy (MeV)

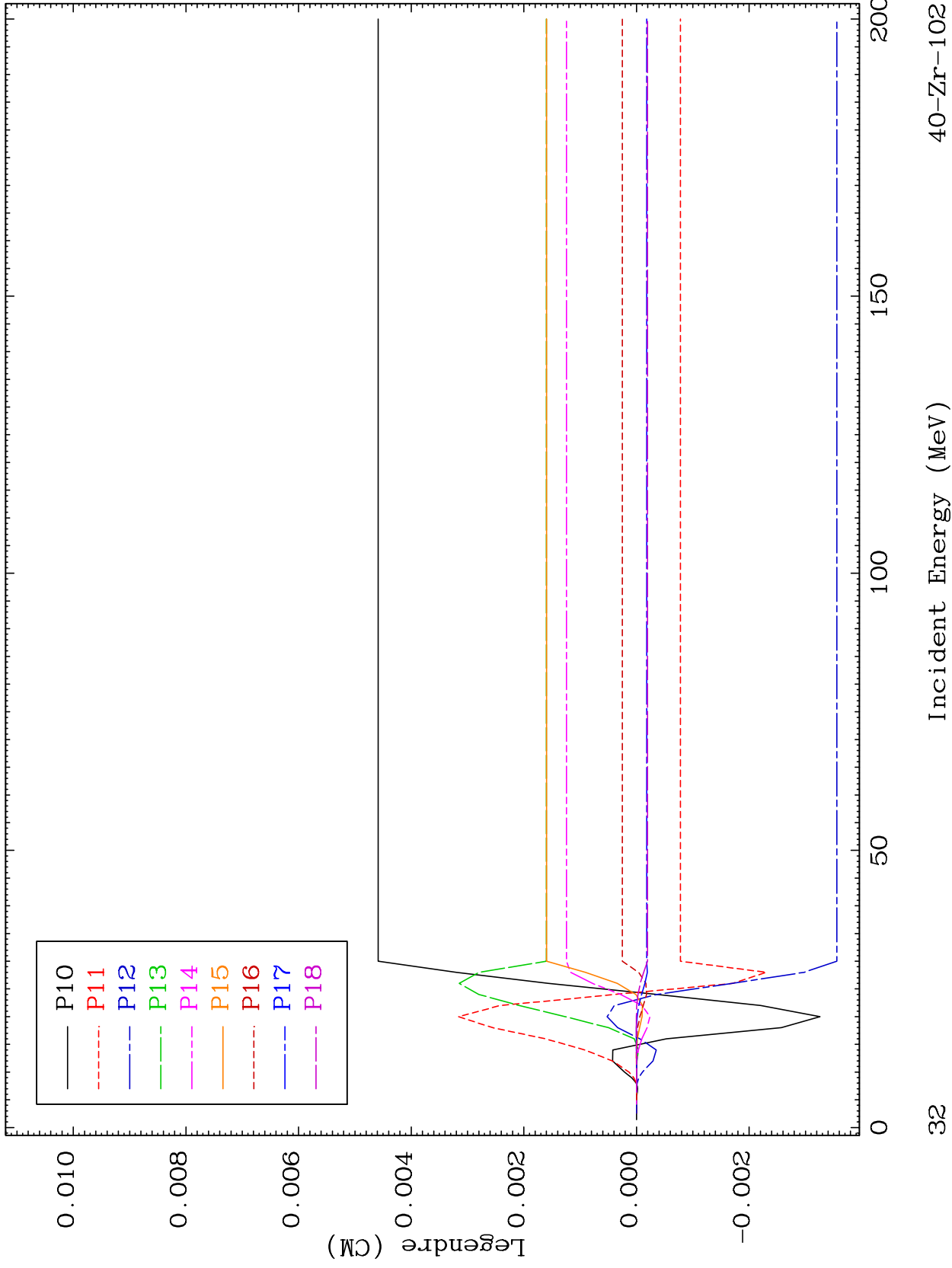
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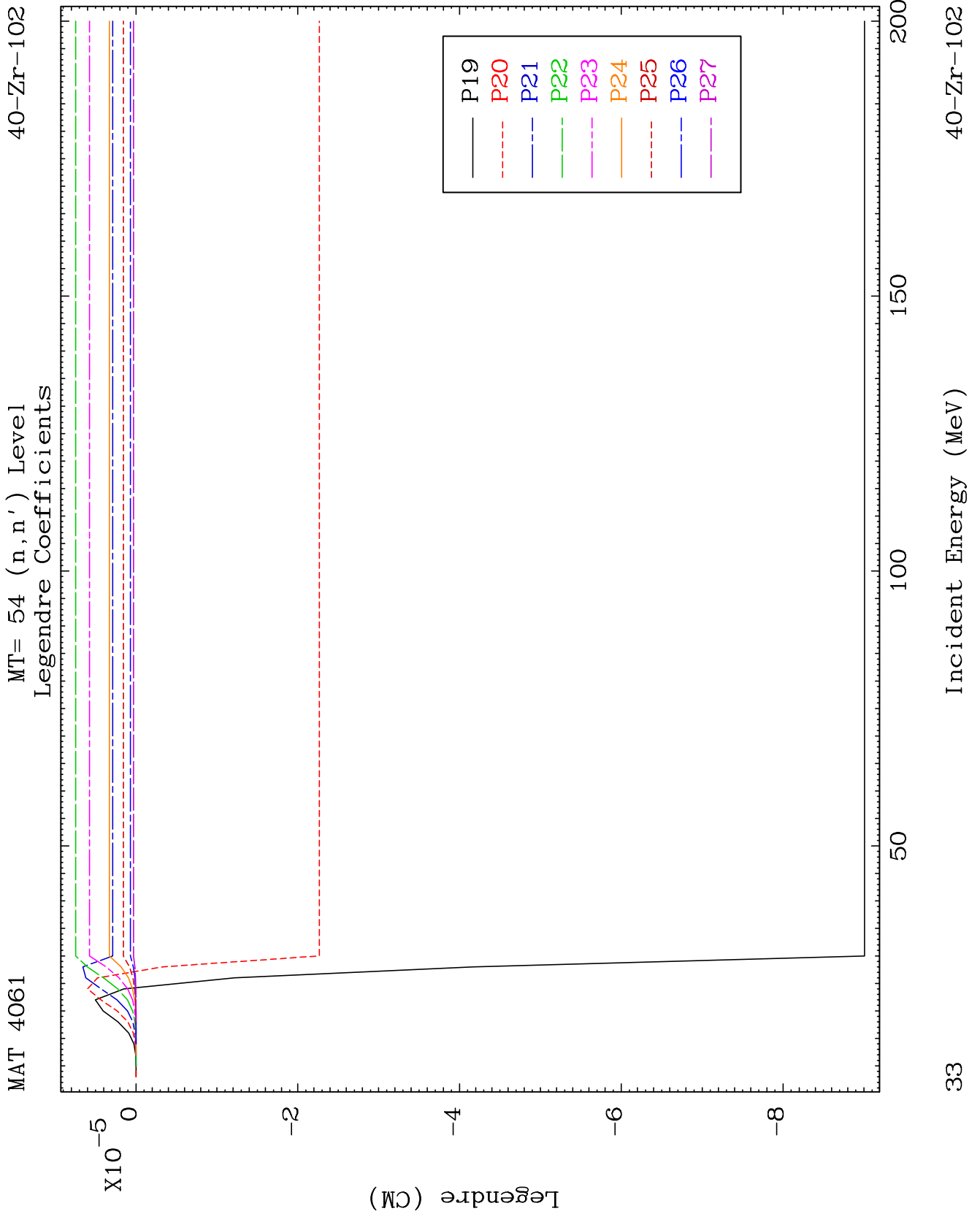
MAT 4061

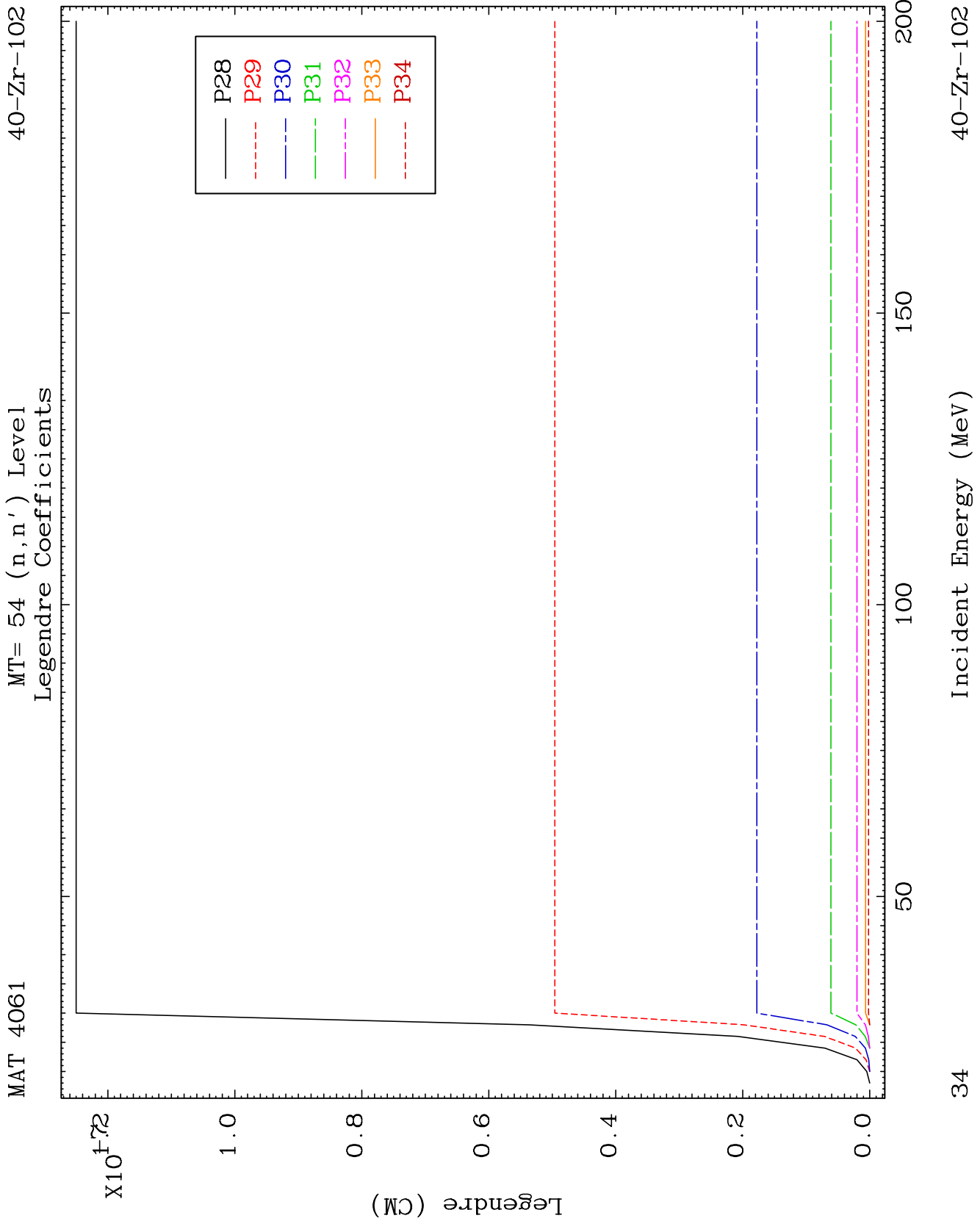
MT= 54 (n,n') Level  
Legendre Coefficients

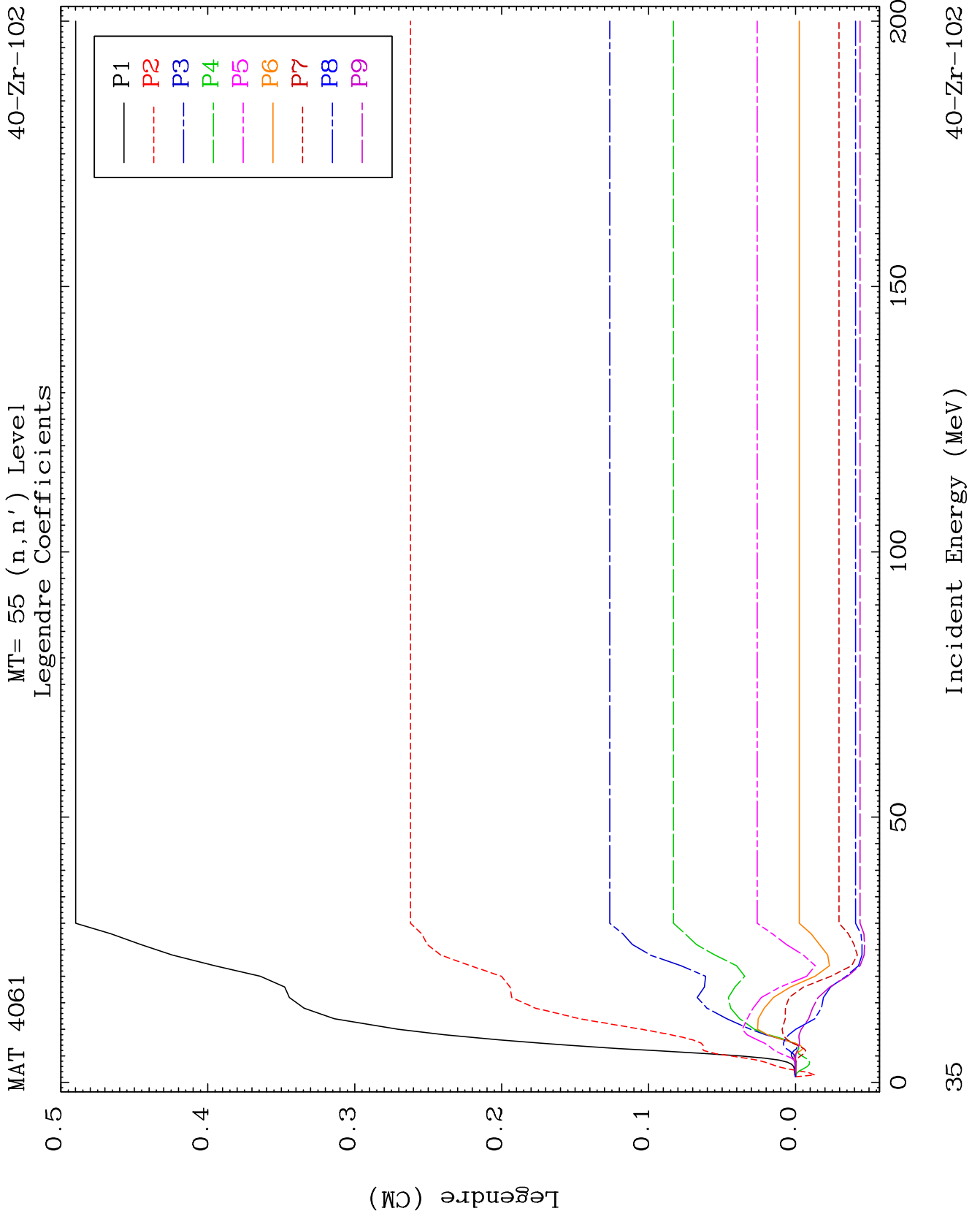
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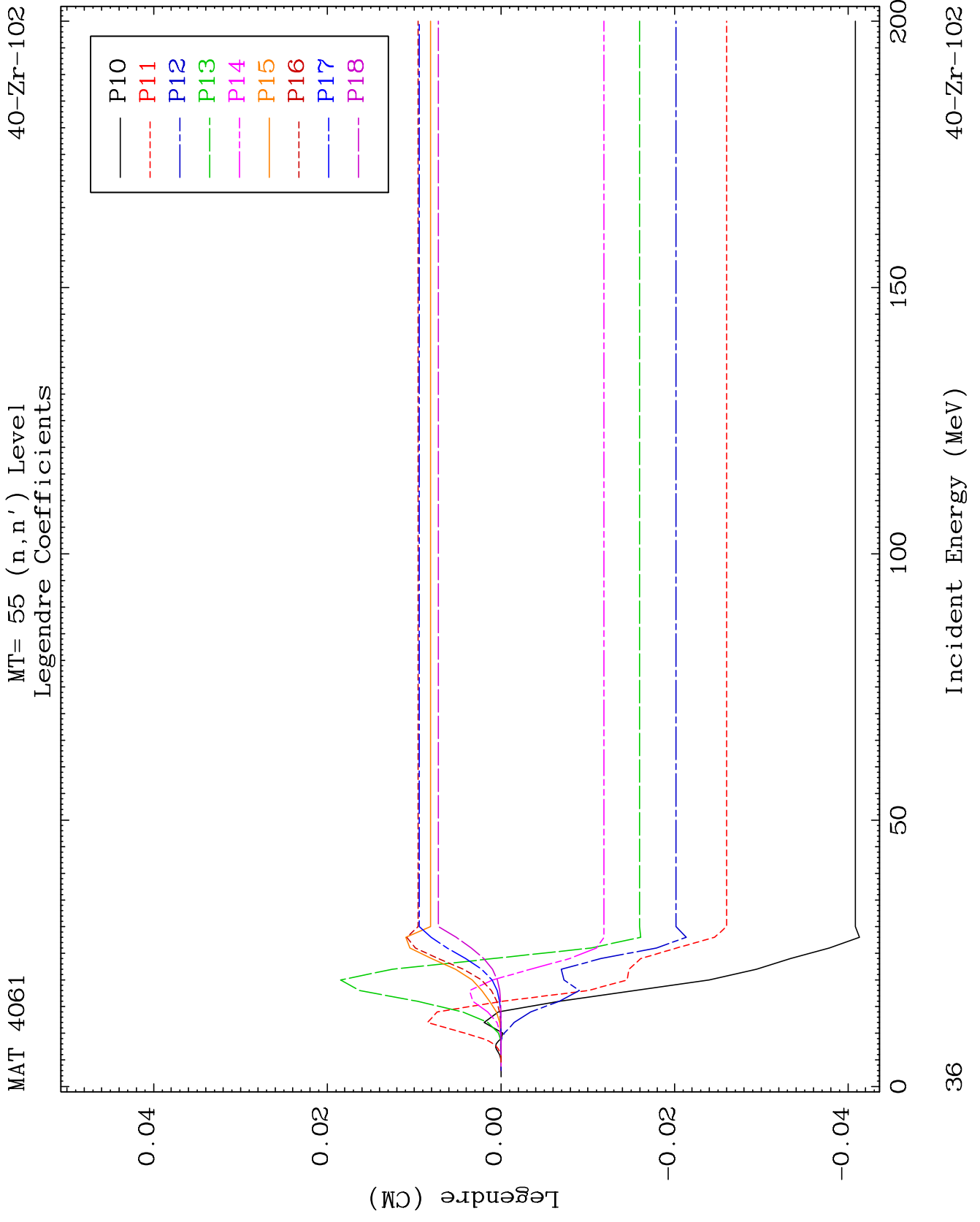


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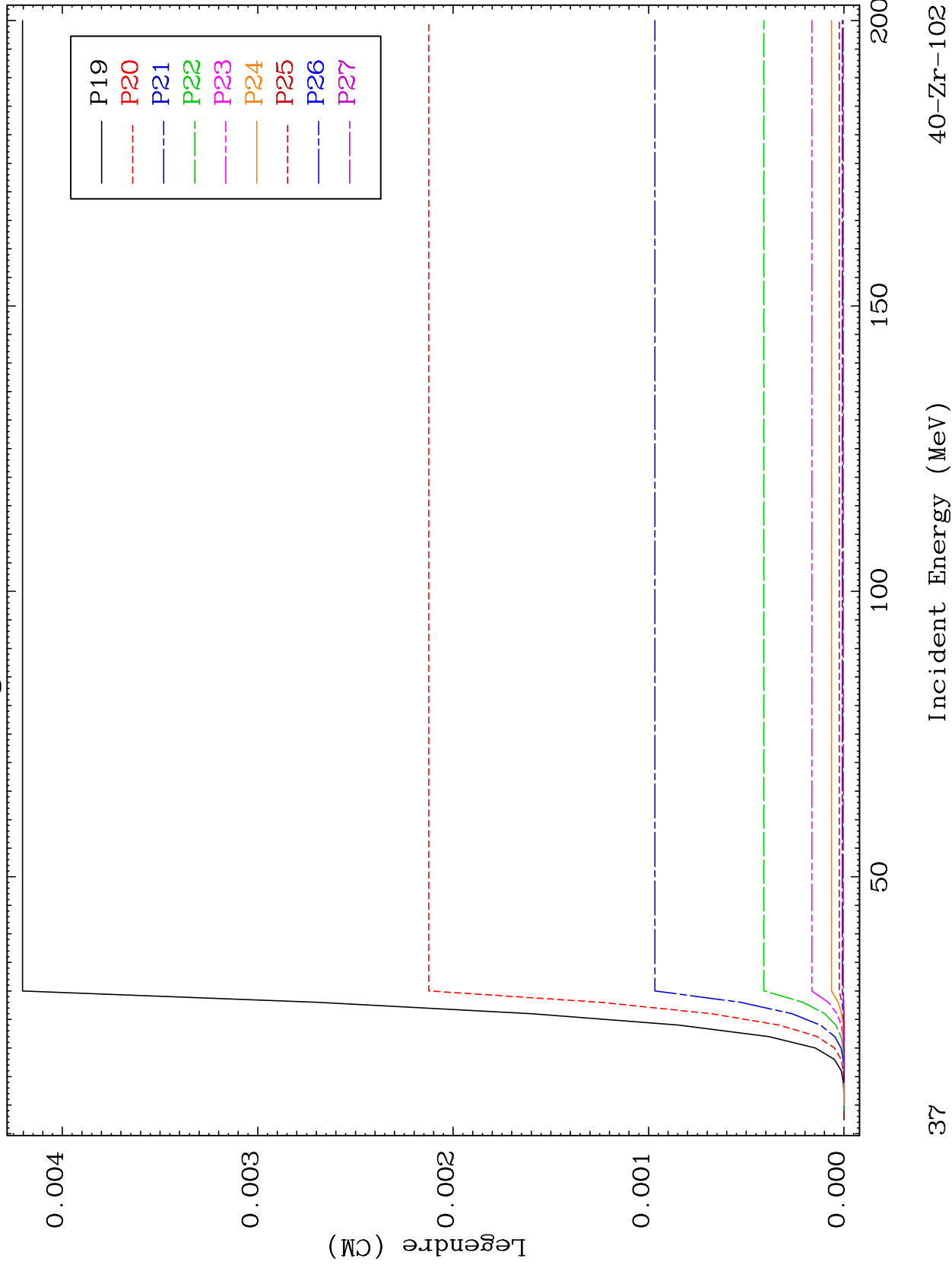




MAT 4061

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

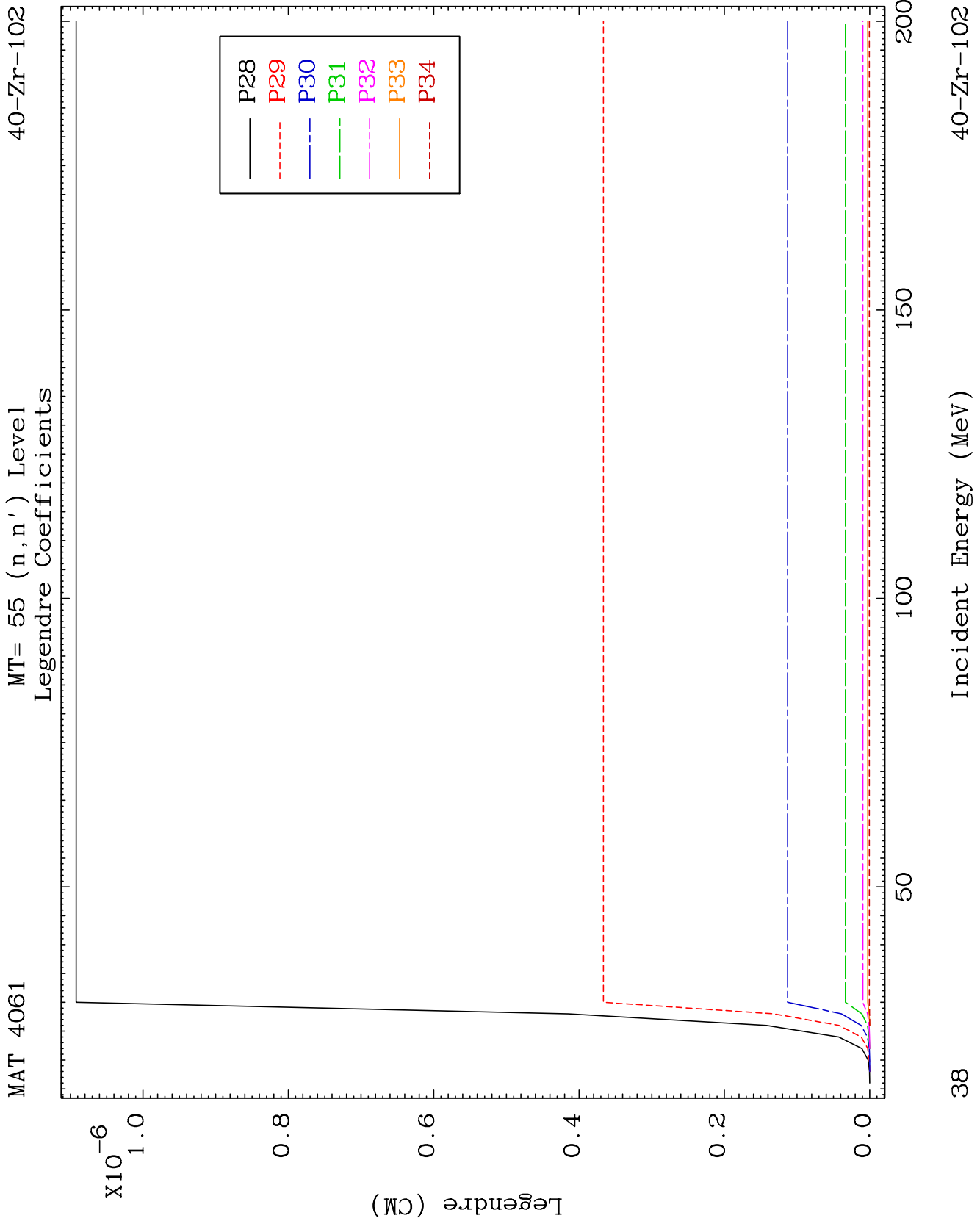
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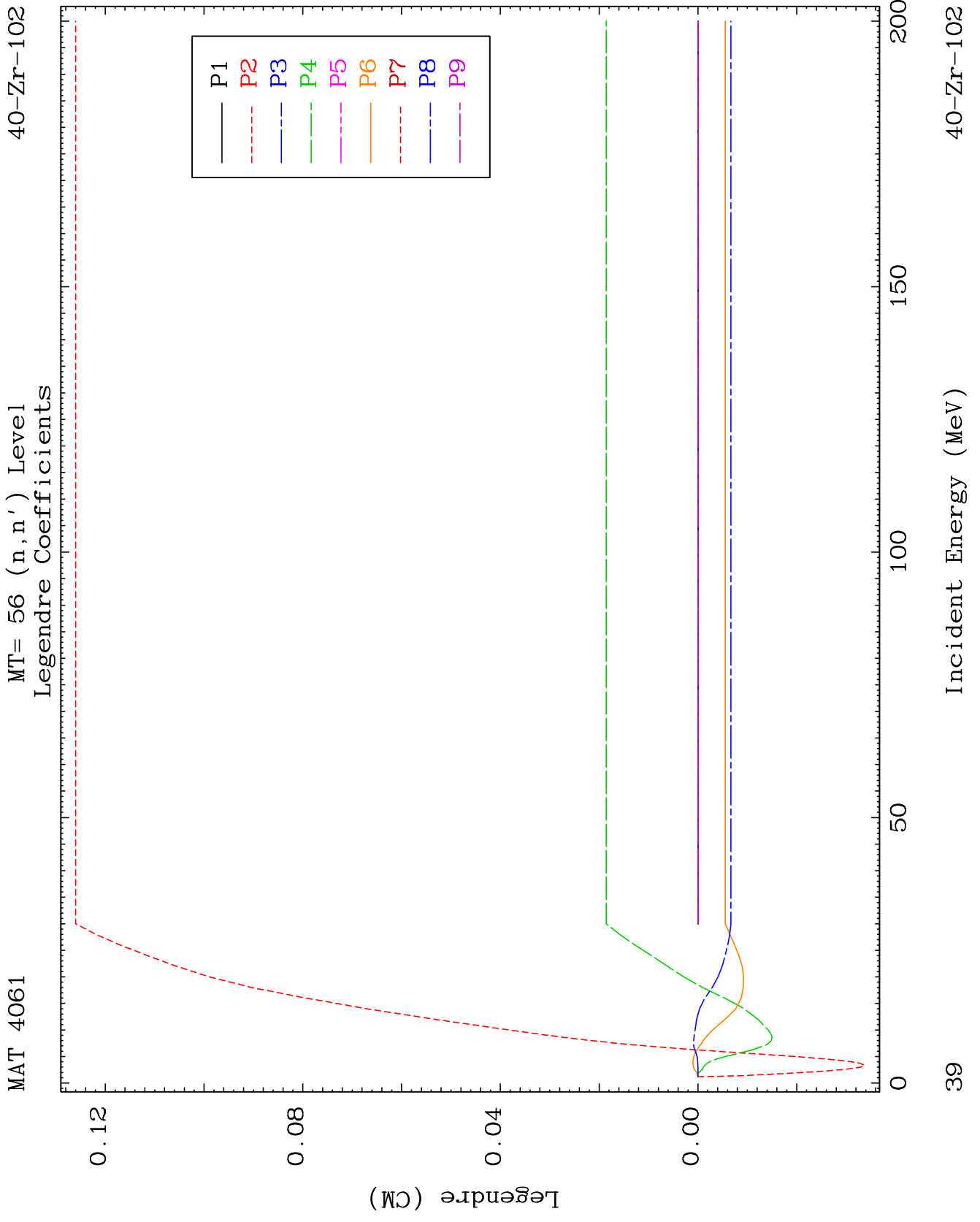


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Incident Energy (MeV)

40-Zr-102



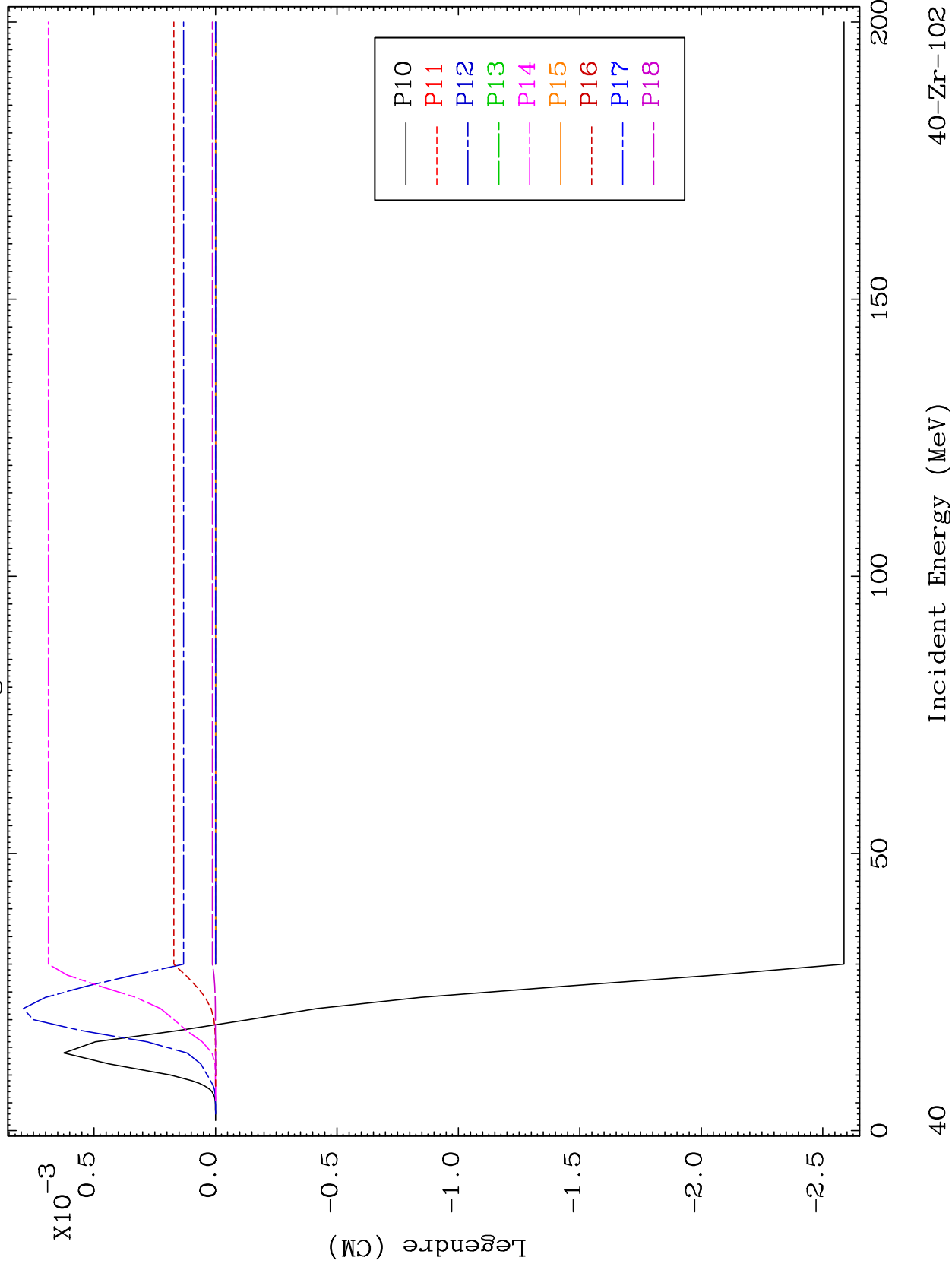




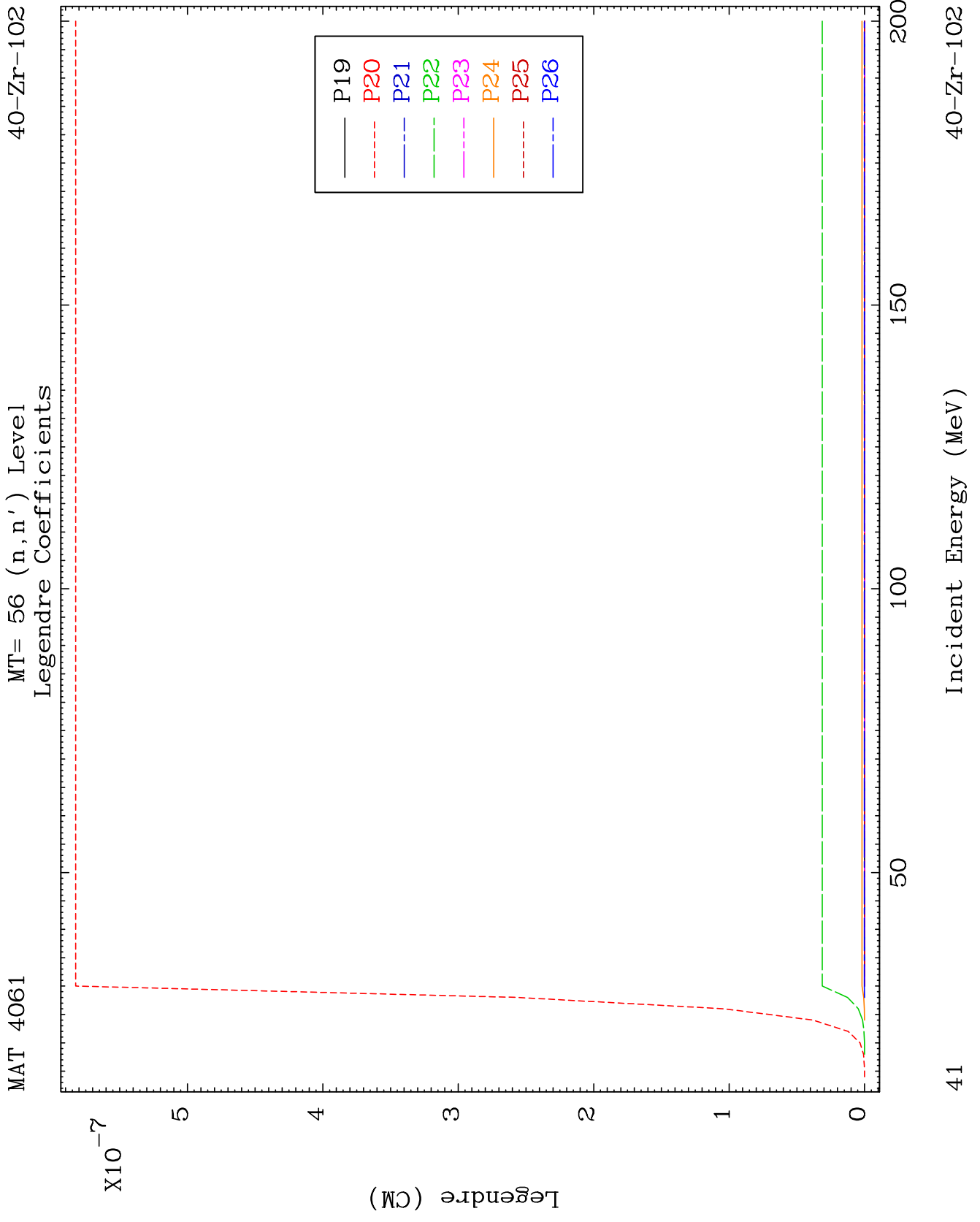
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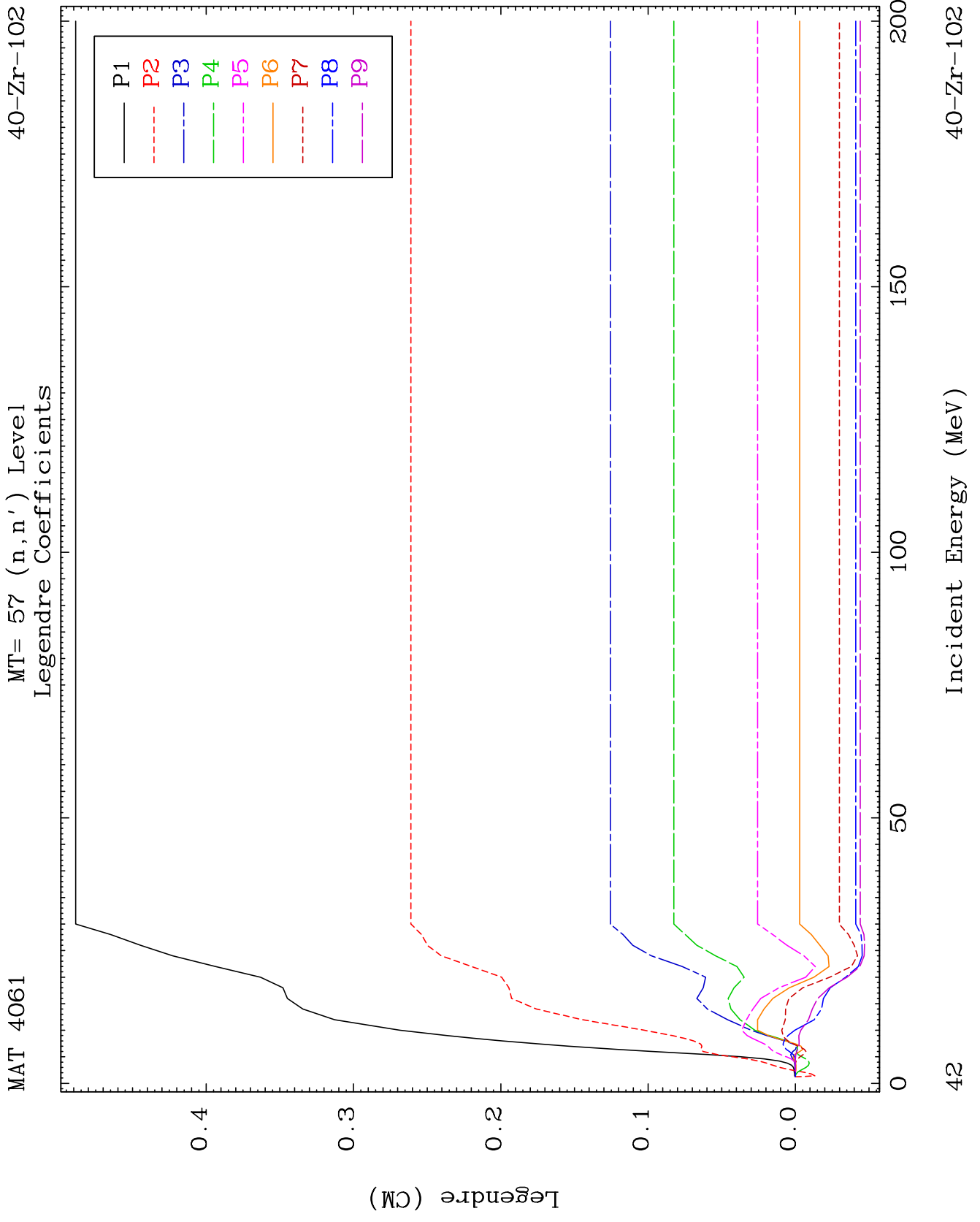
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Legendre Coefficients

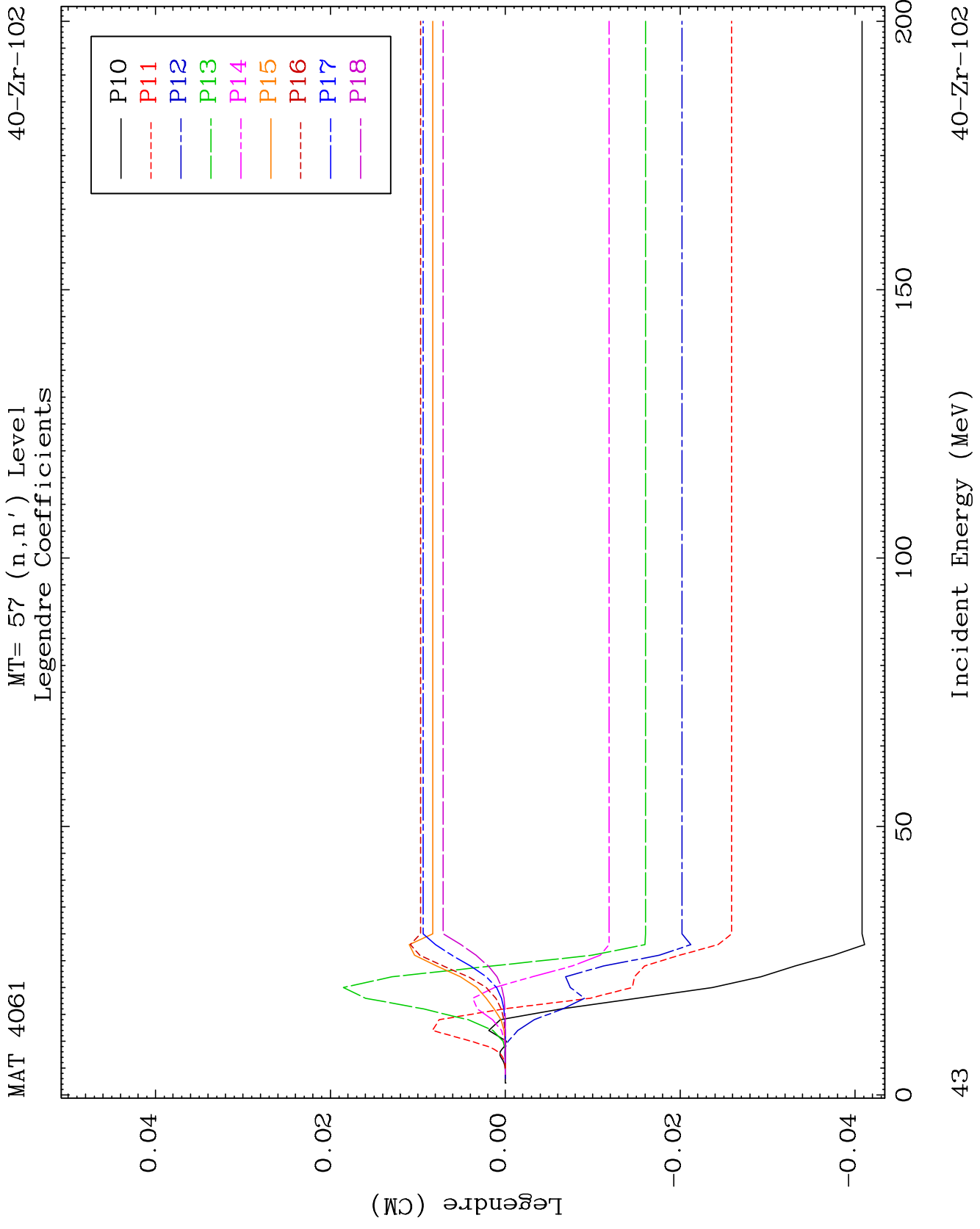
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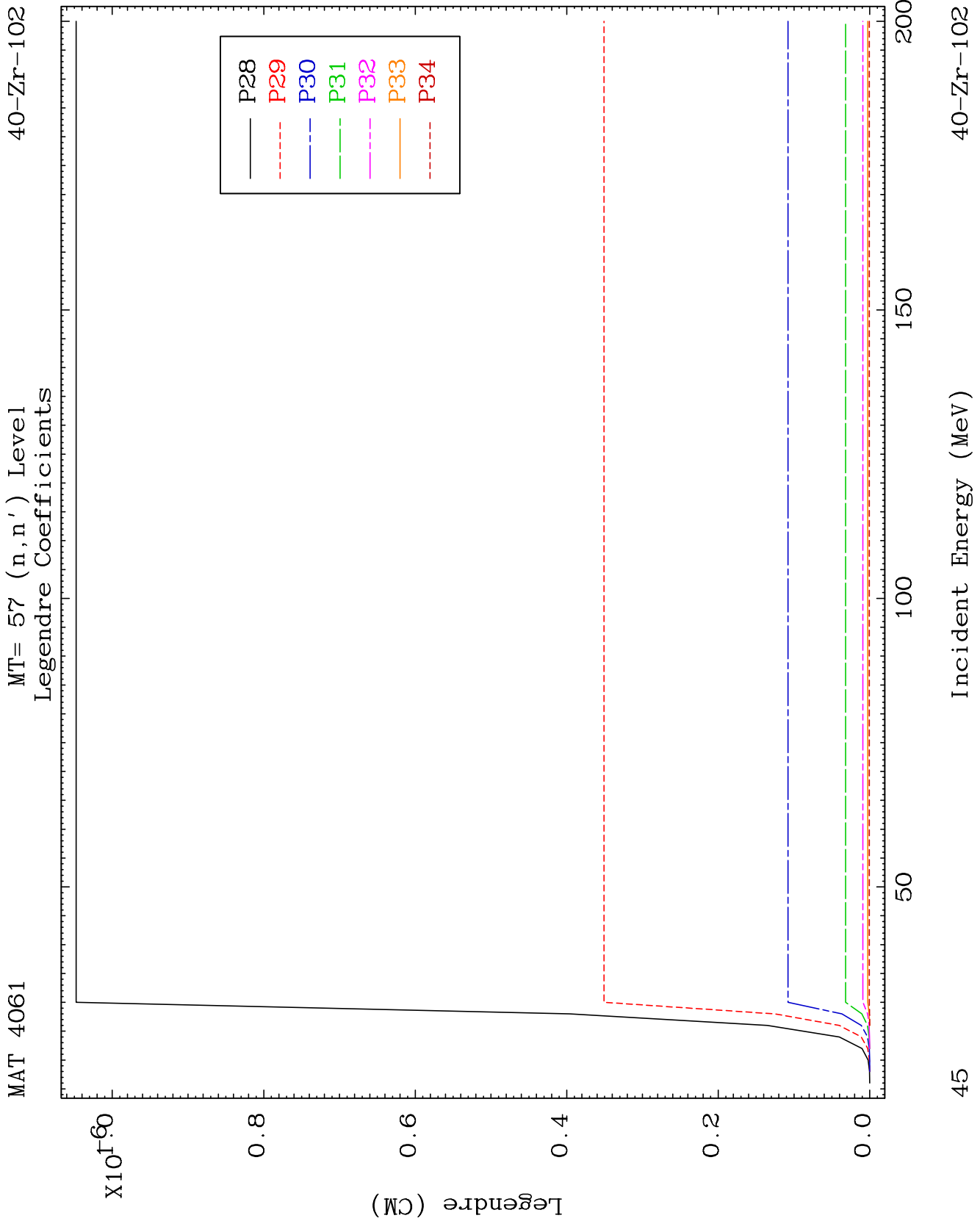
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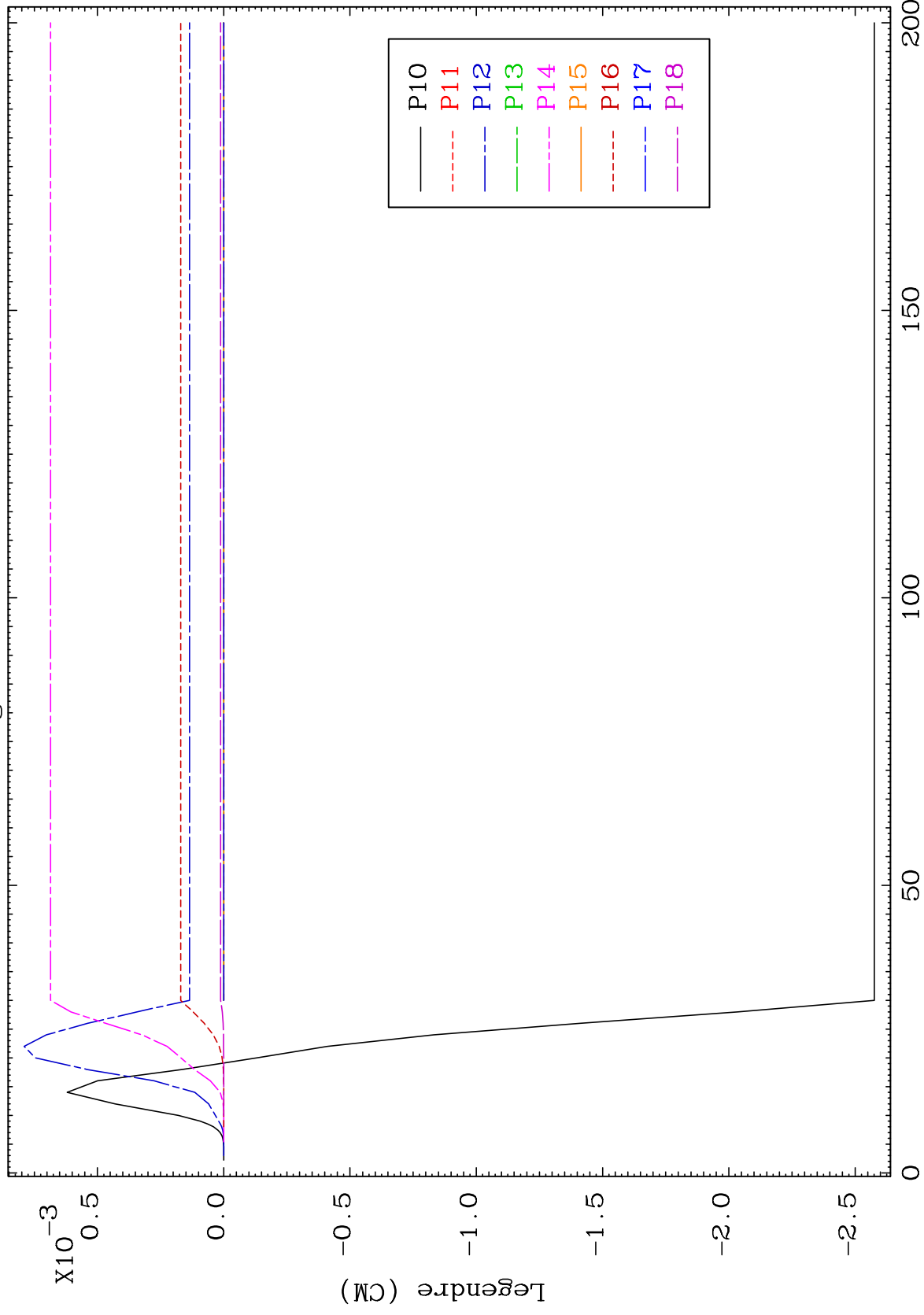




MAT 4061

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

40-Zr-102



47

Incident Energy (MeV)

40-Zr-102



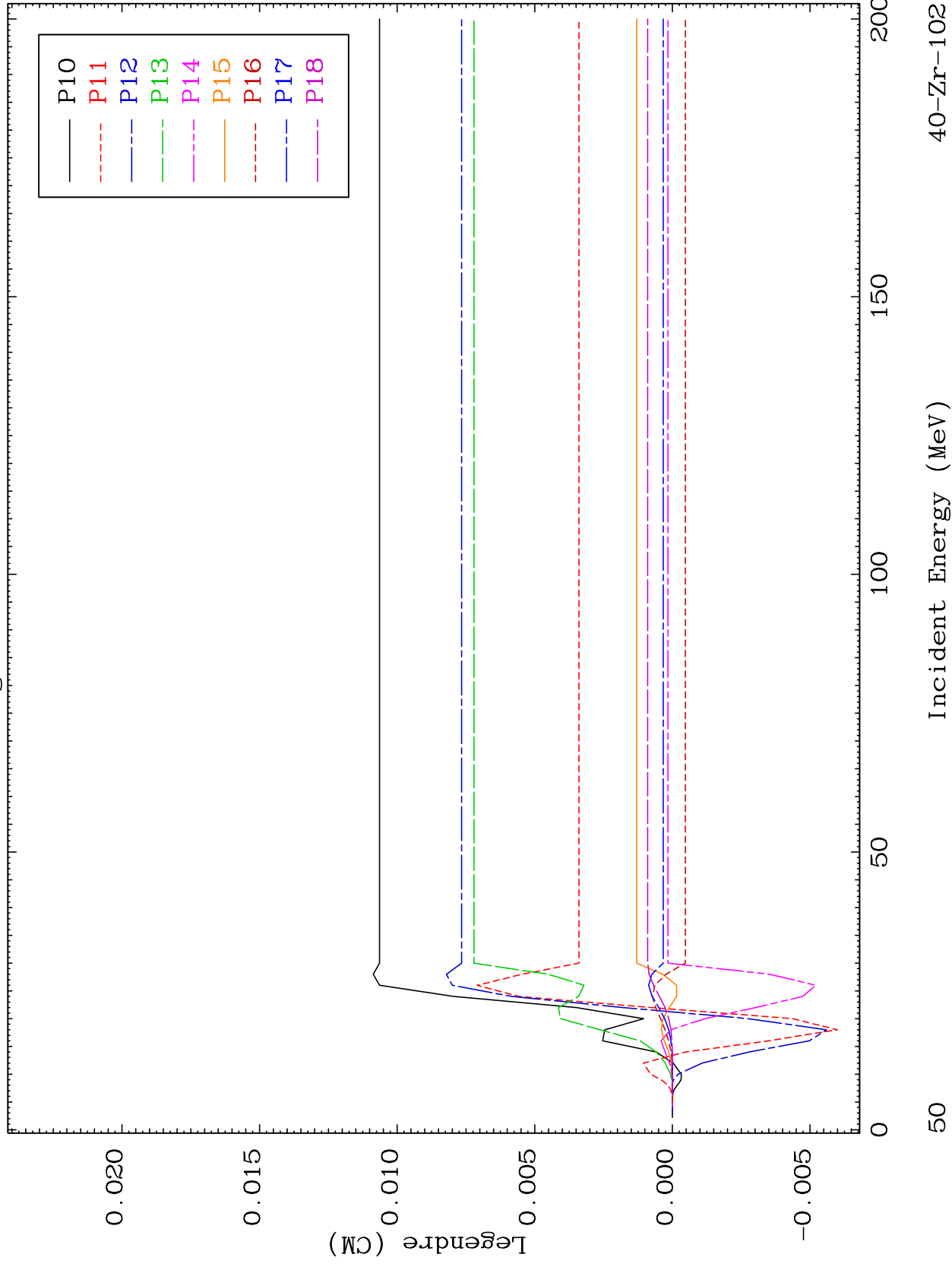




MAT 4061

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

40-Zr-102



40-Zr-102

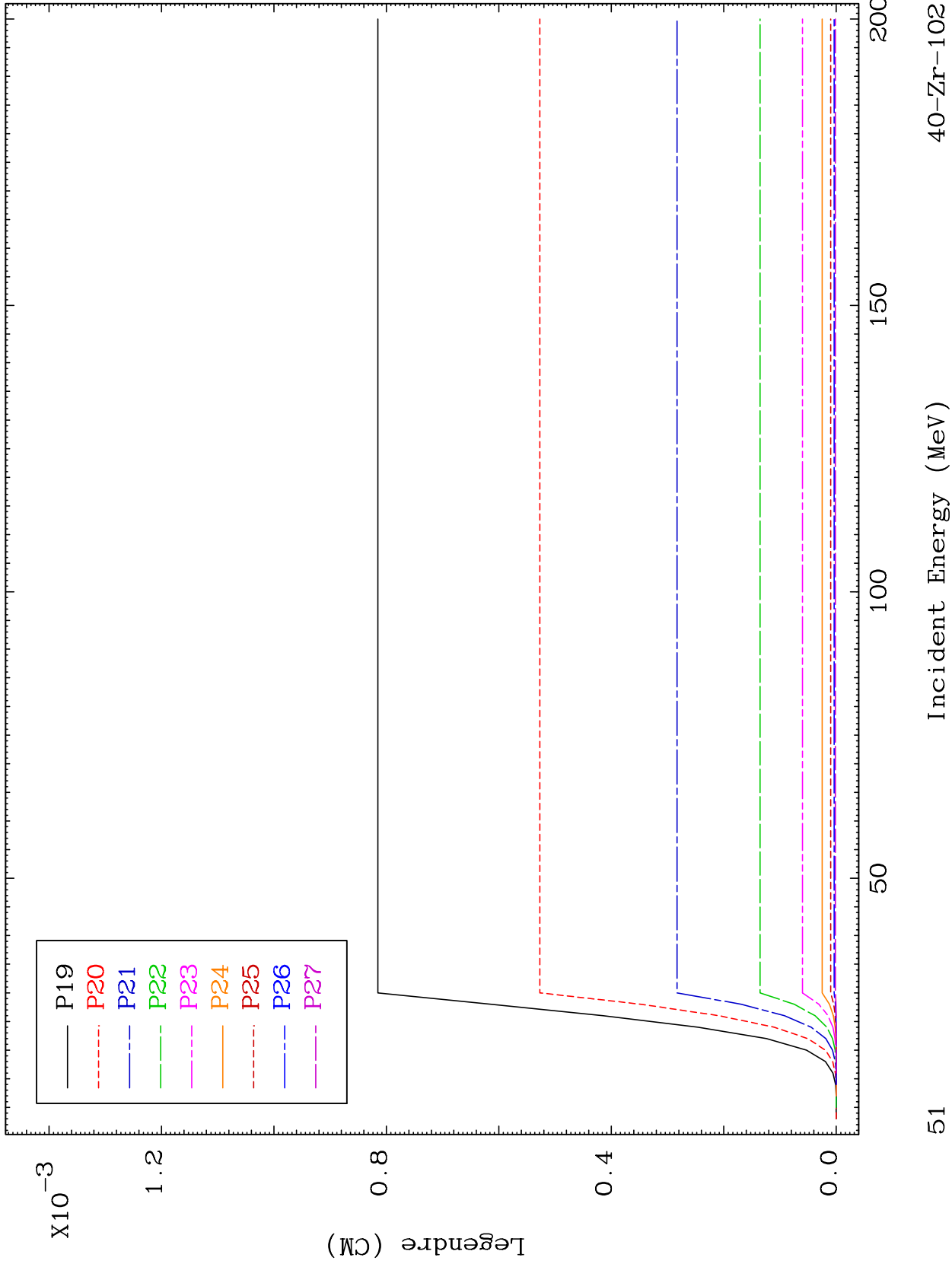
Incident Energy (MeV)

50

MAT 4061

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

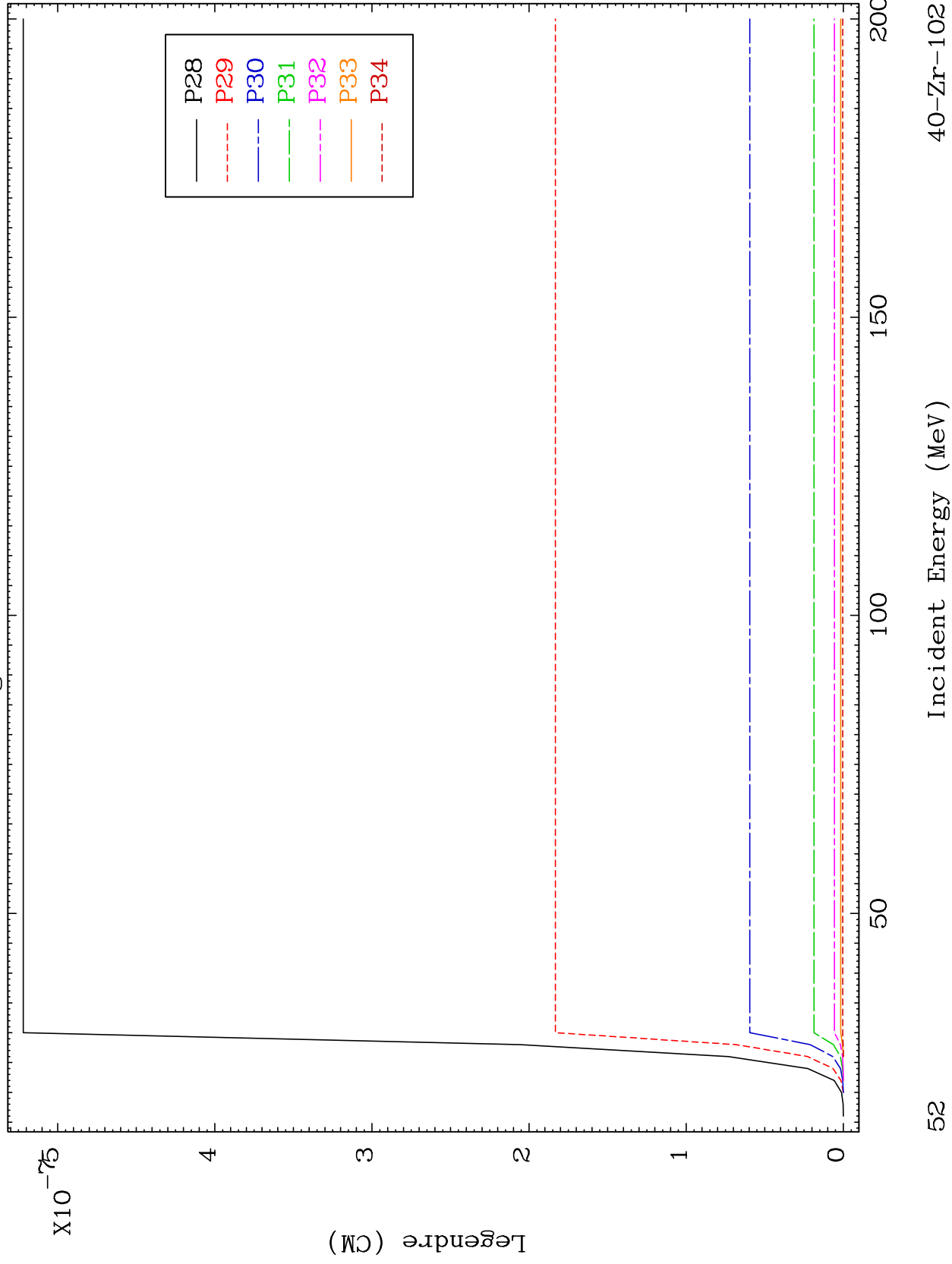
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MAT 4061

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

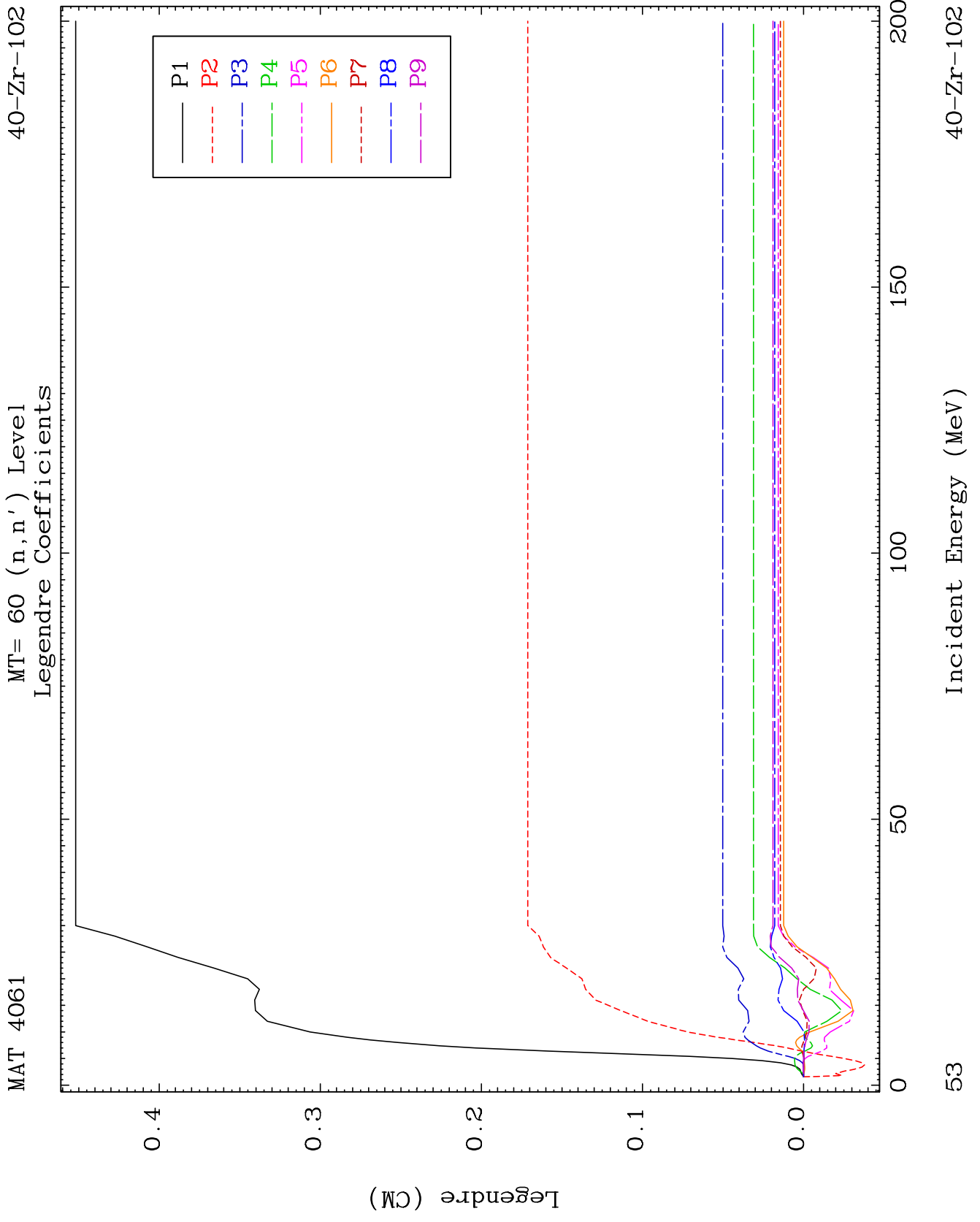
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52

Incident Energy (MeV)

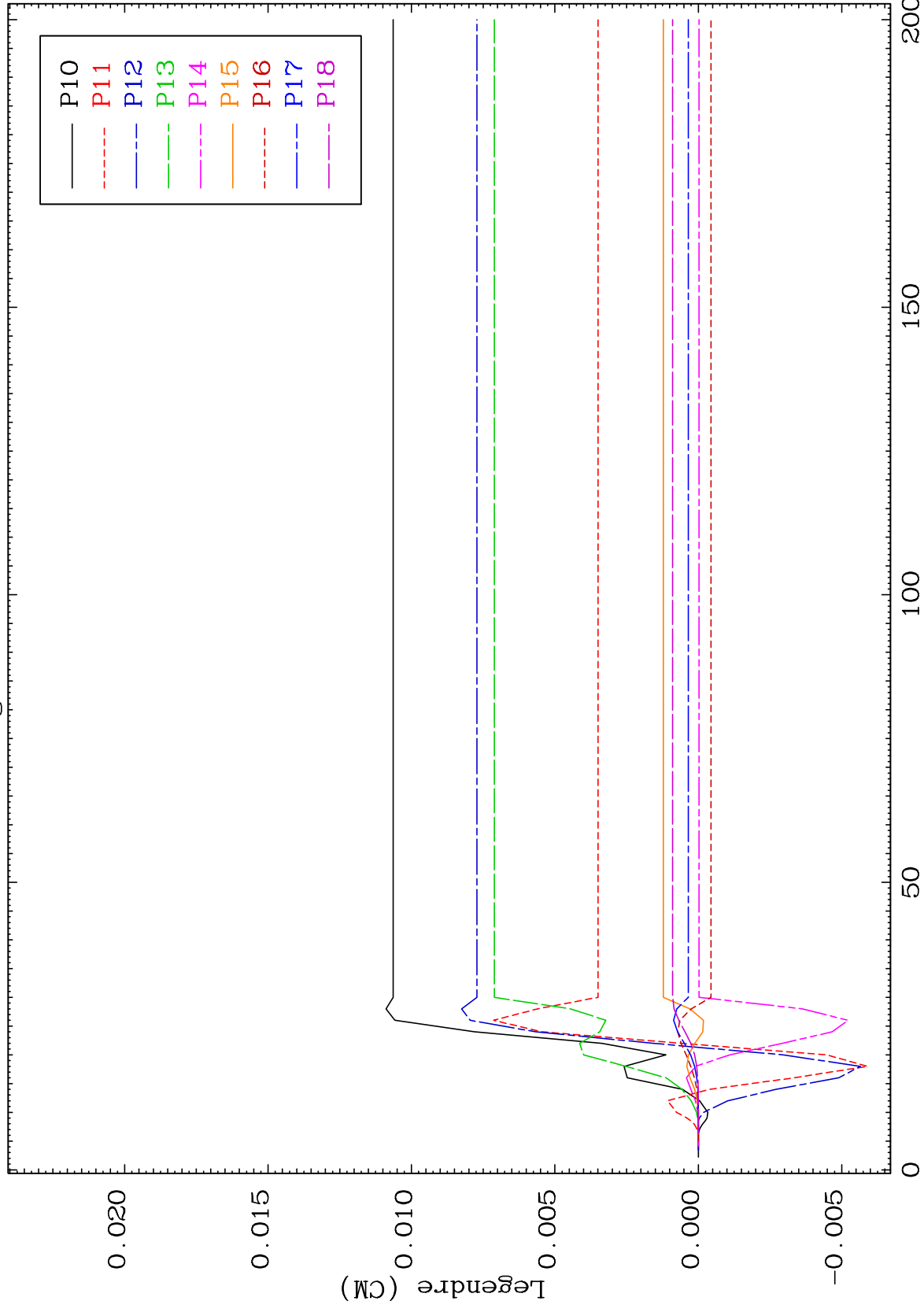
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MAT 4061

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

40-Zr-102



54

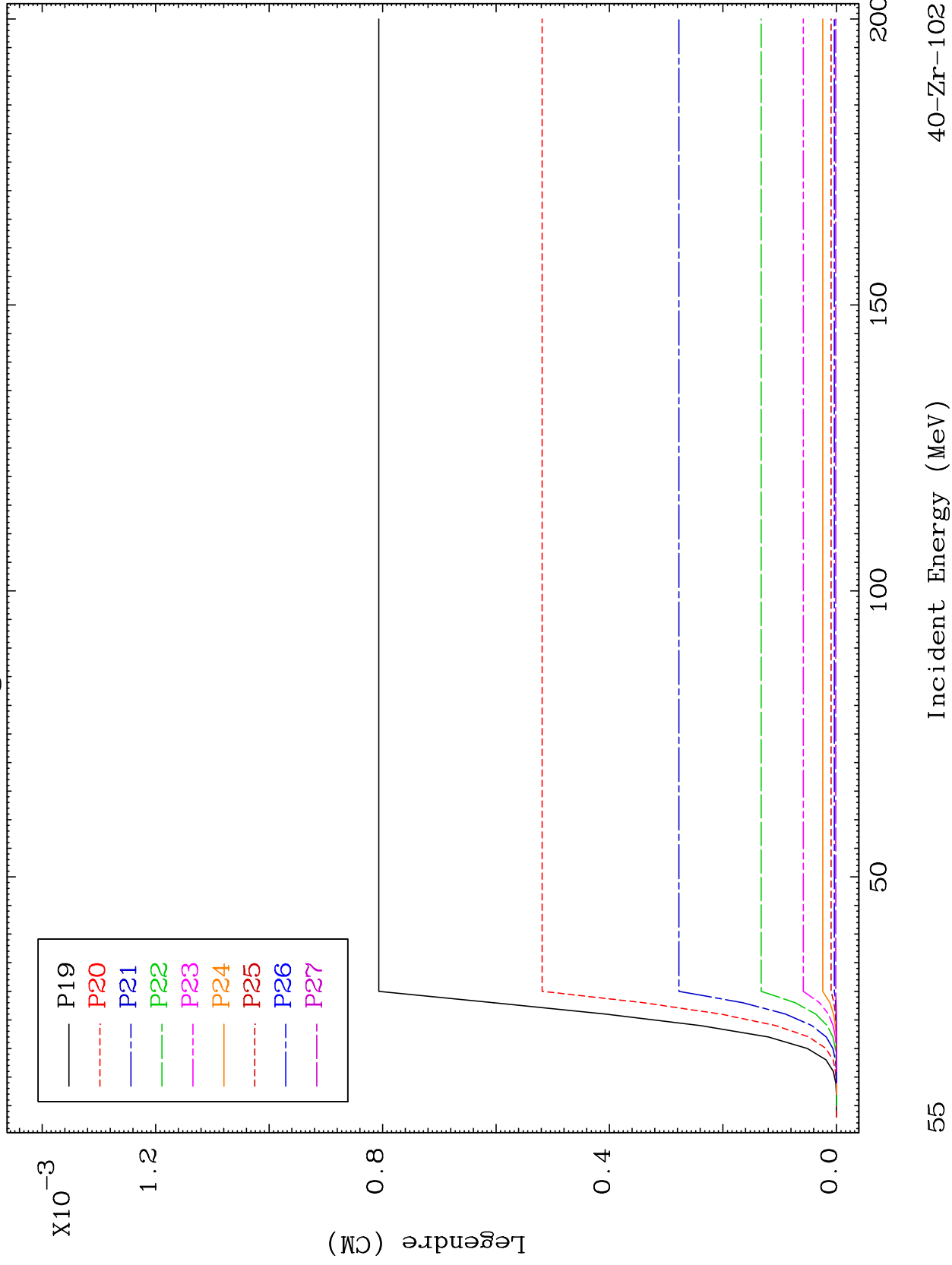
Incident Energy (MeV)

40-Zr-102

MAT 4061

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

40-Zr-102



55

Incident Energy (MeV)

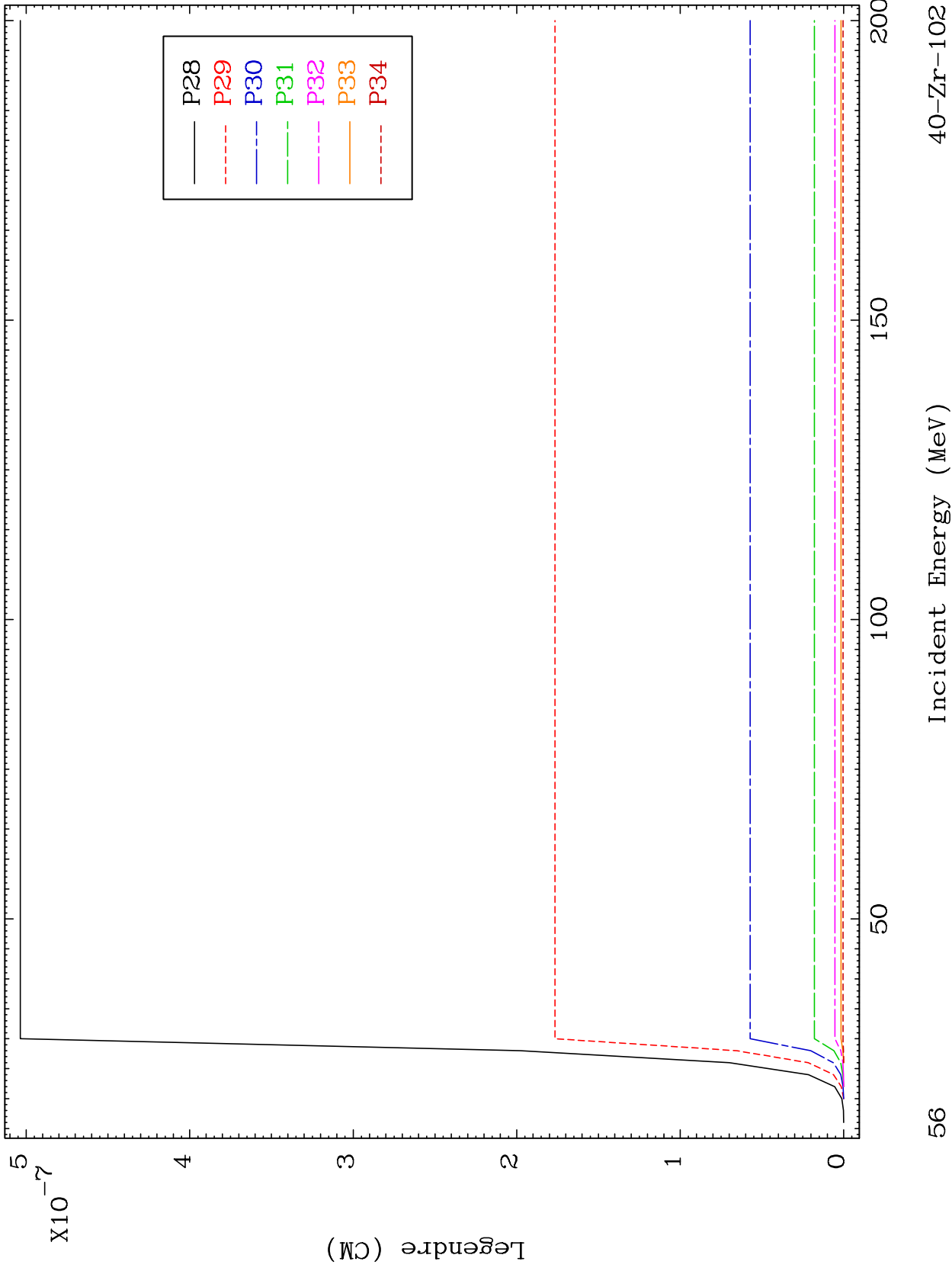
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MAT 4061

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

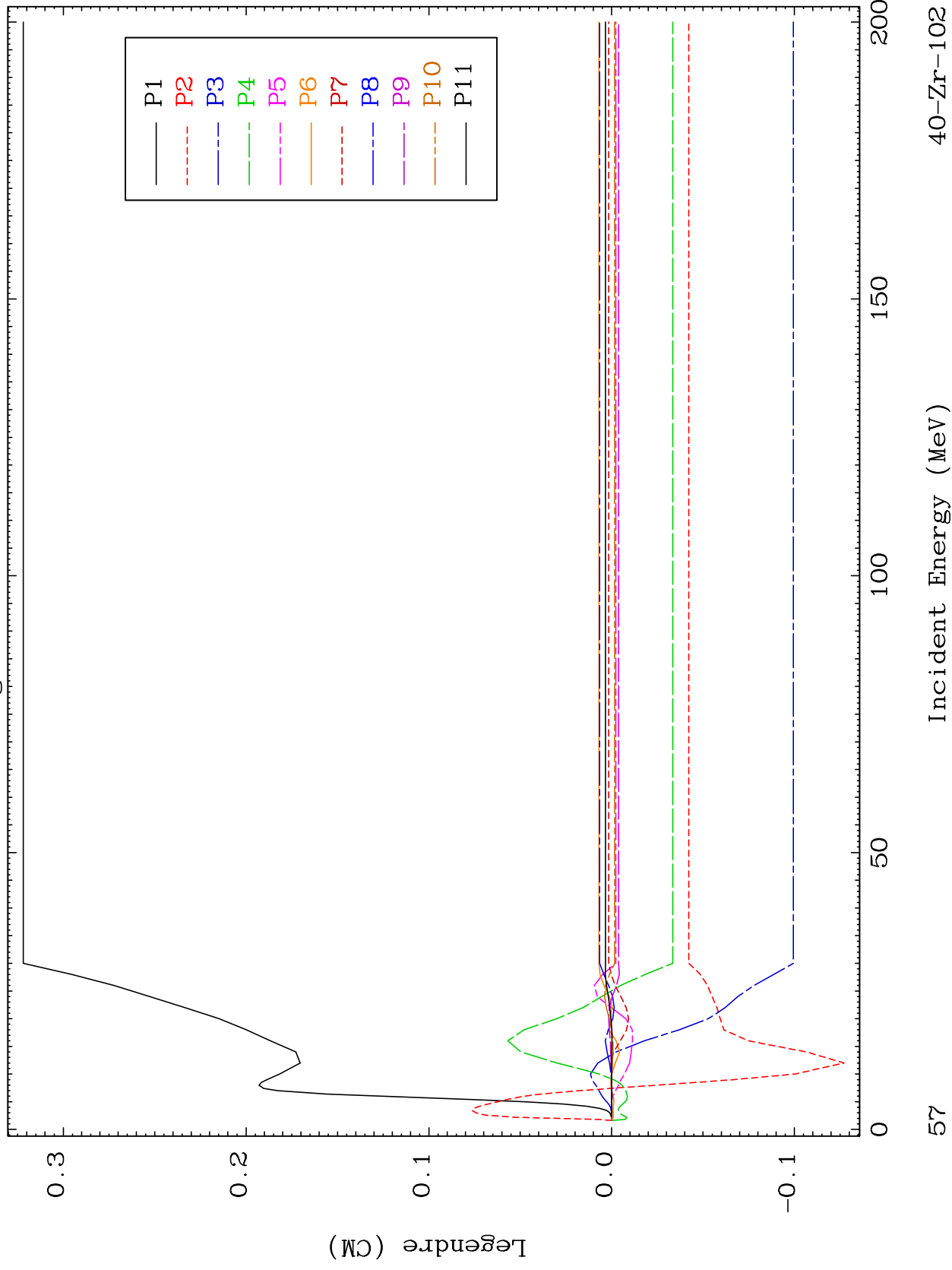
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MAT 4061

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

40-Zr-102



57

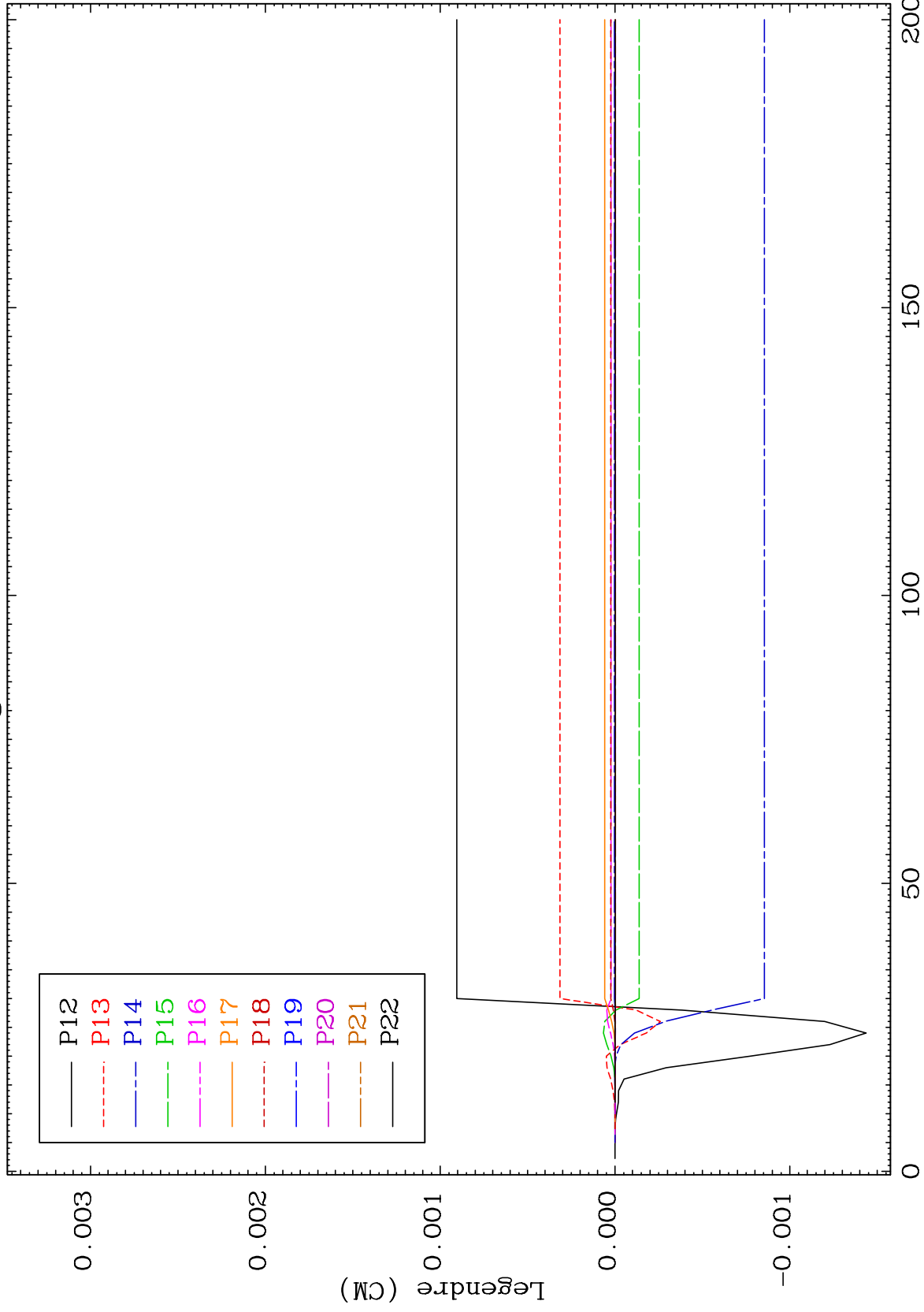
Incident Energy (MeV)

40-Zr-102

MAT 4061

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

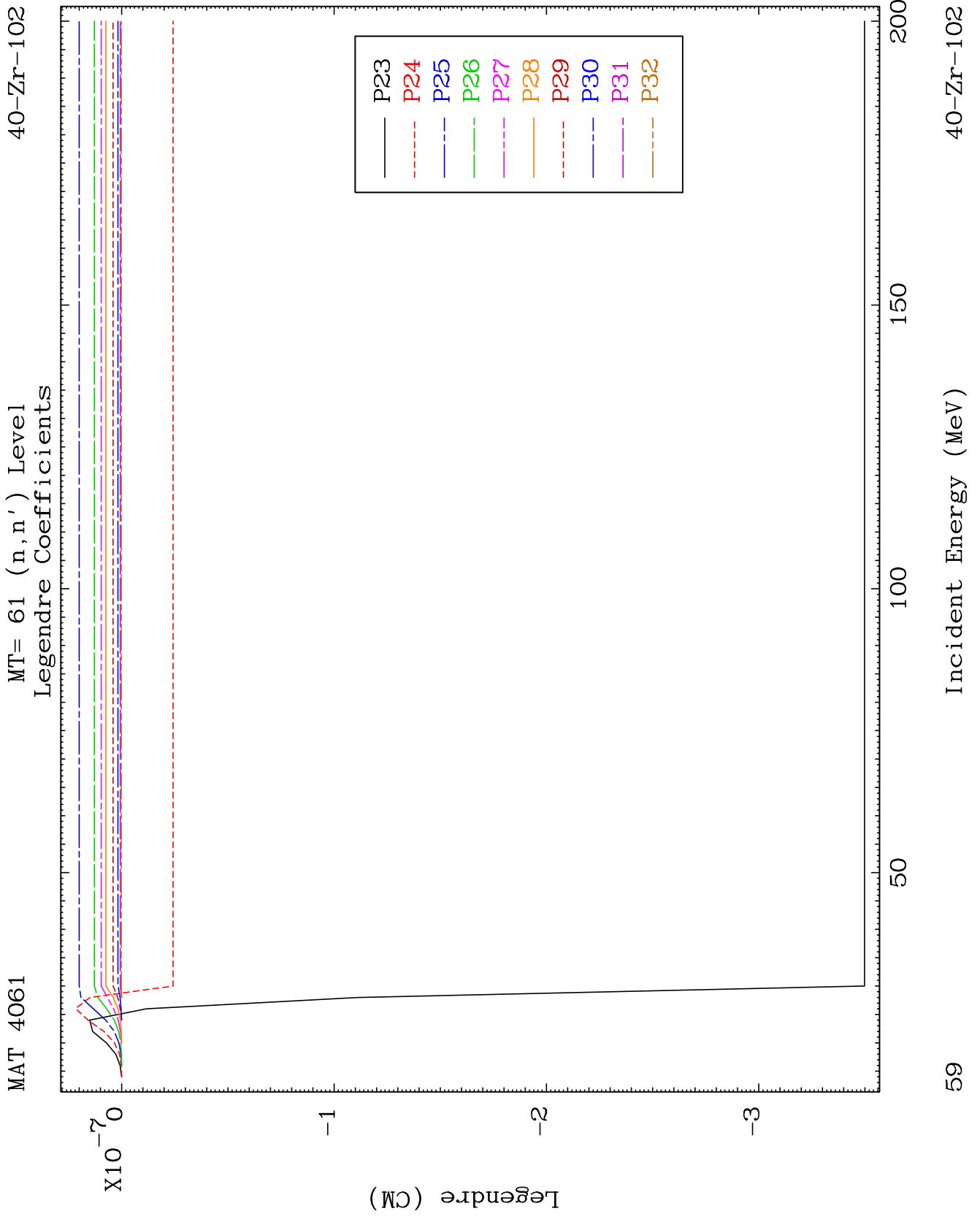
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58

Incident Energy (MeV)

40-Zr-102

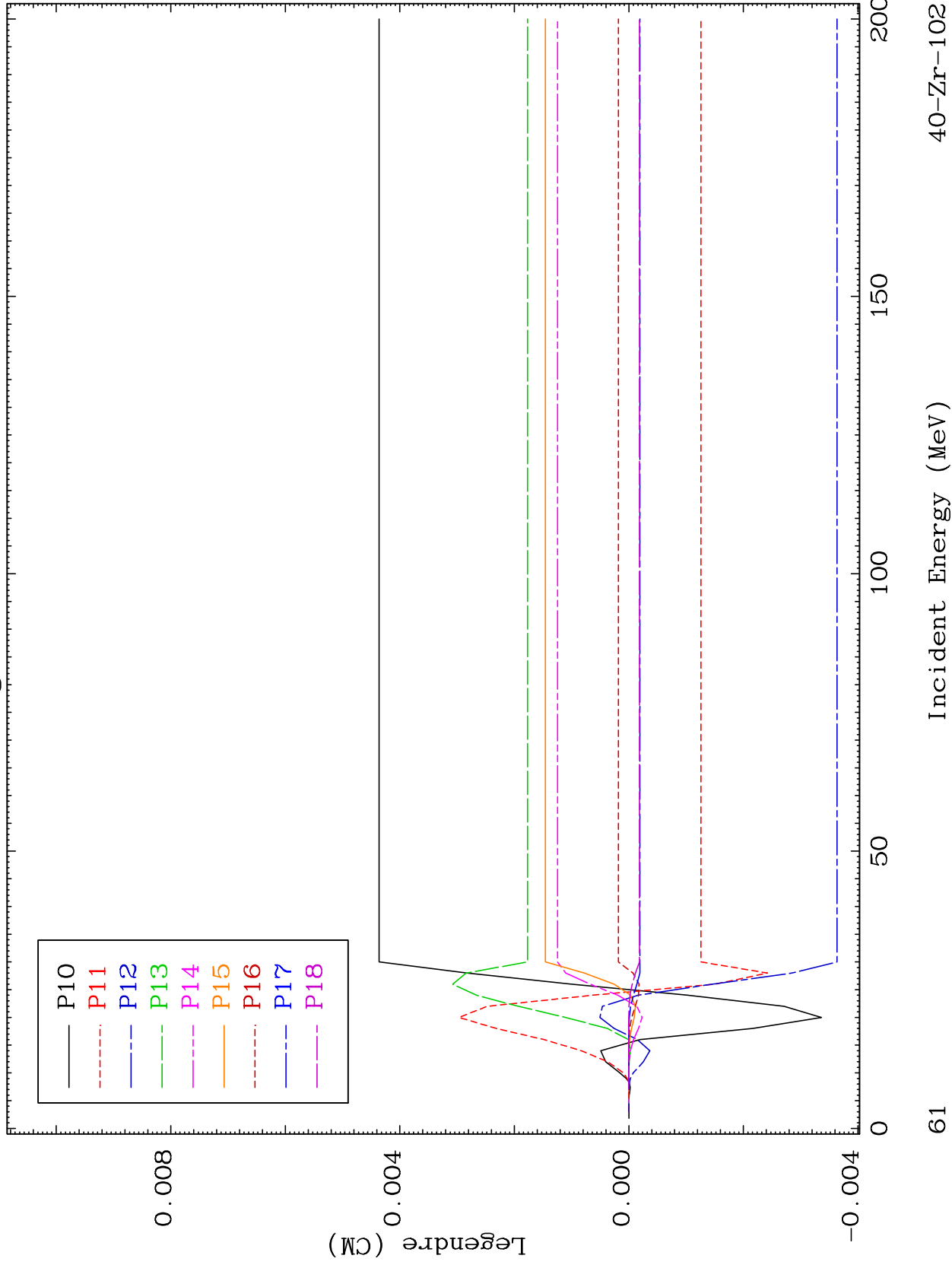


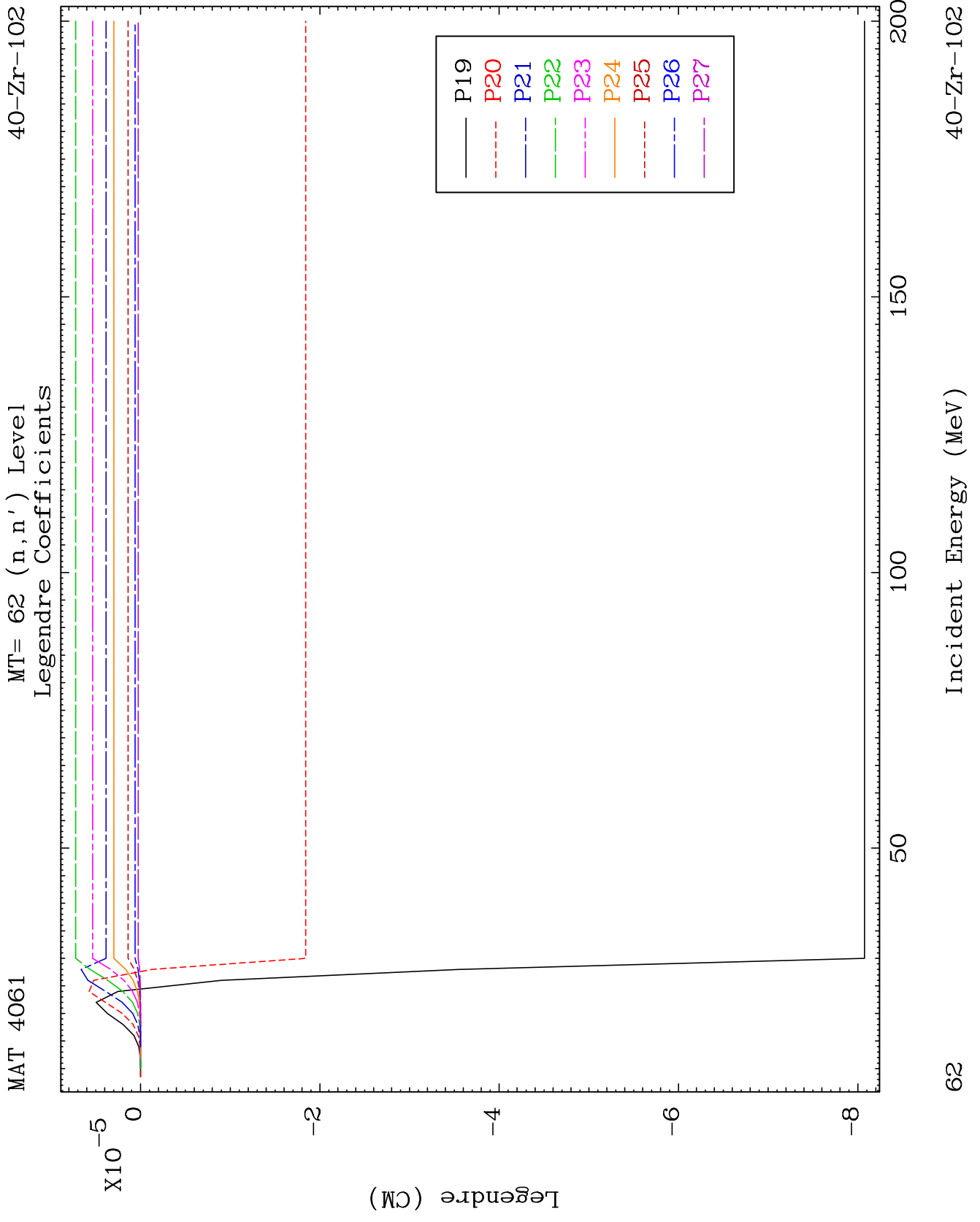


MAT 4061

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

40-Zr-102

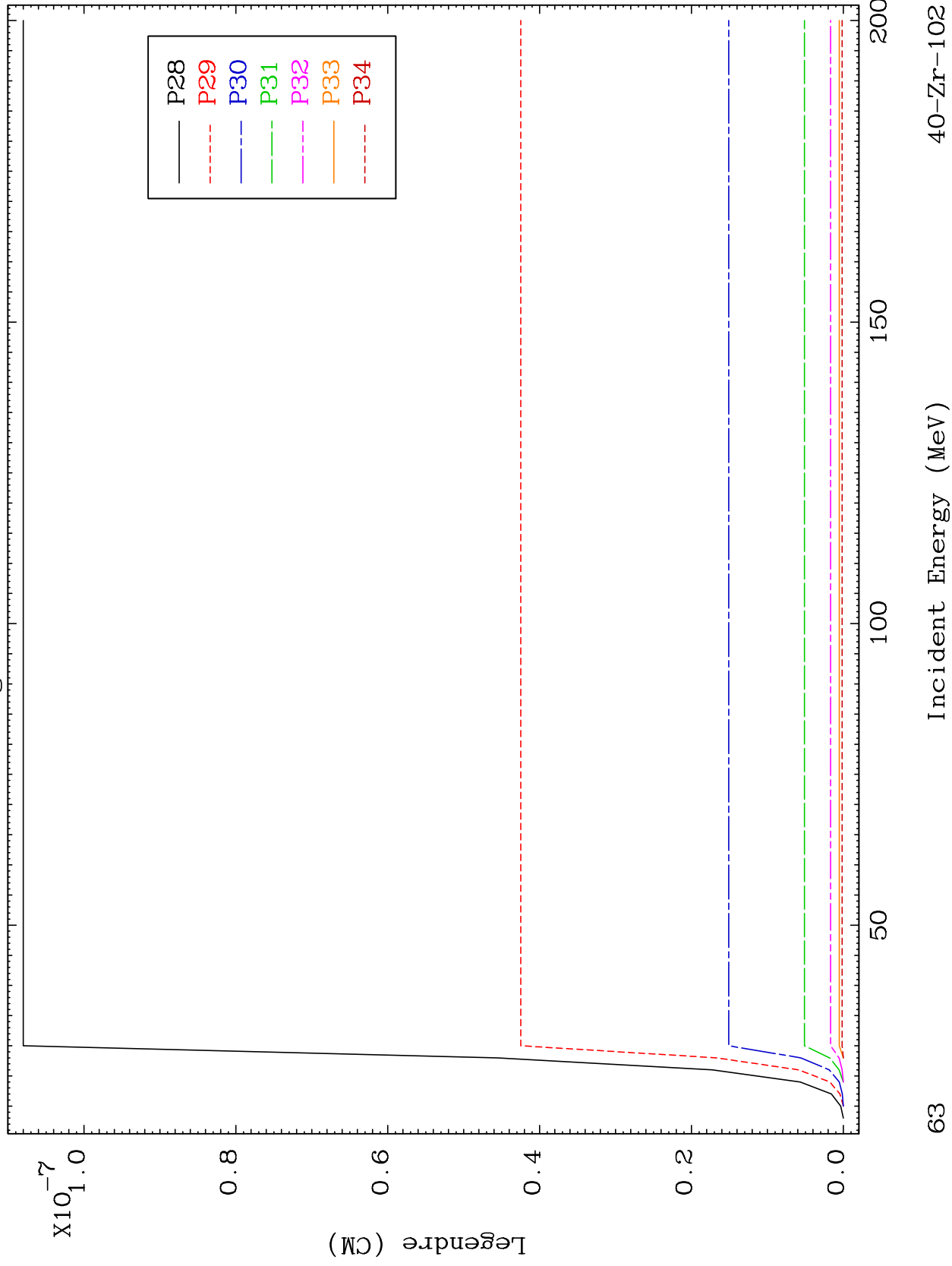




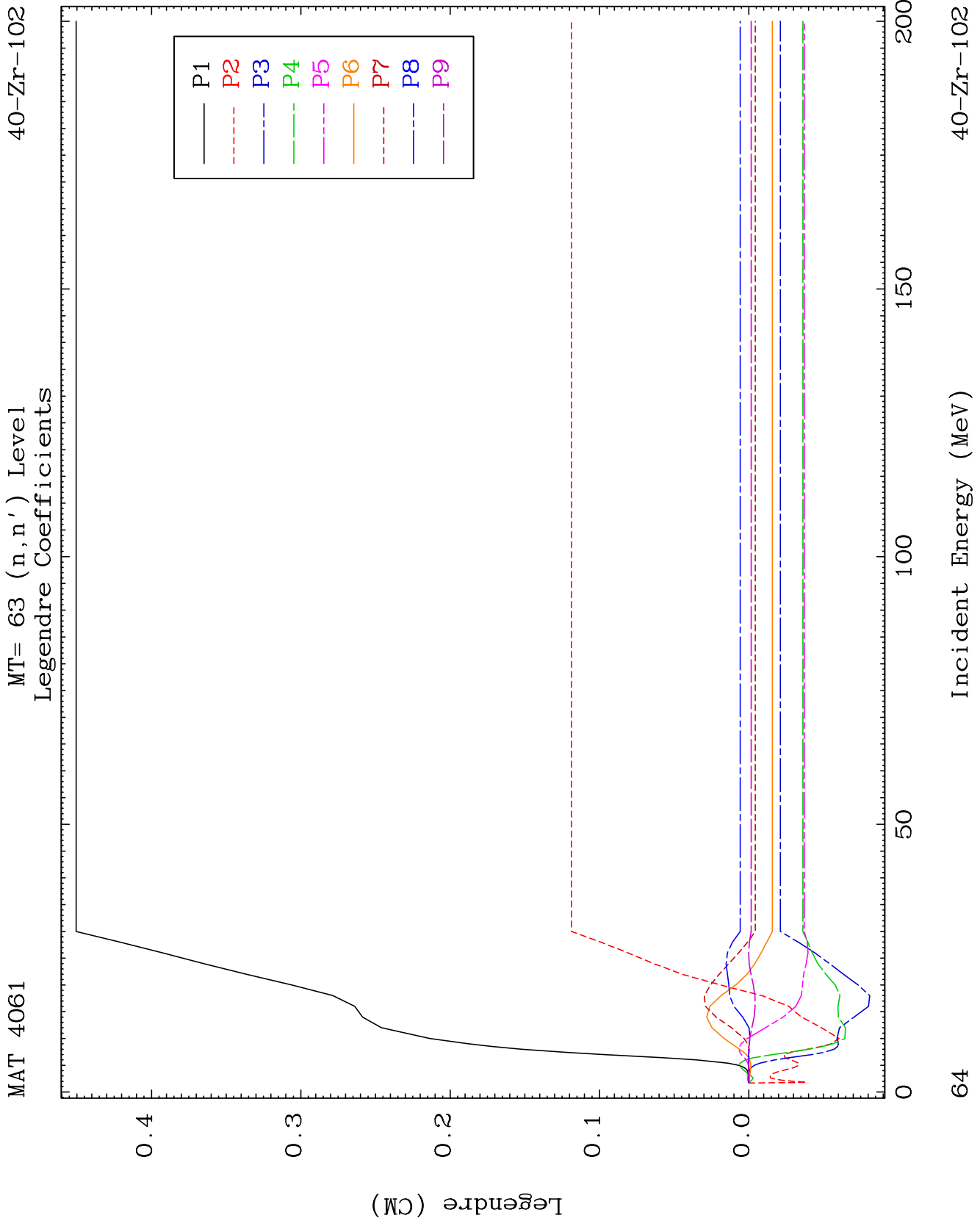
MAT 4061

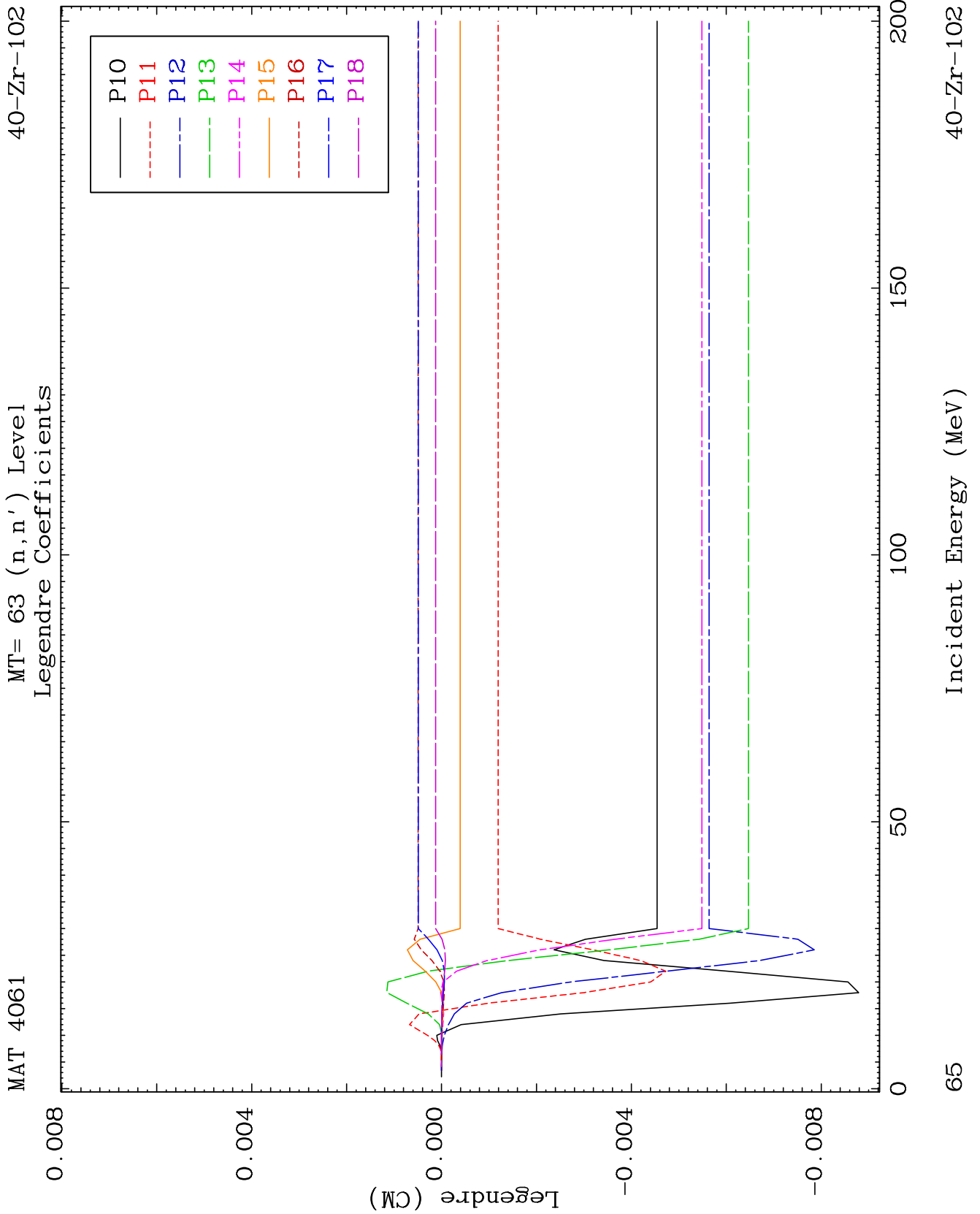
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Legendre Coefficients

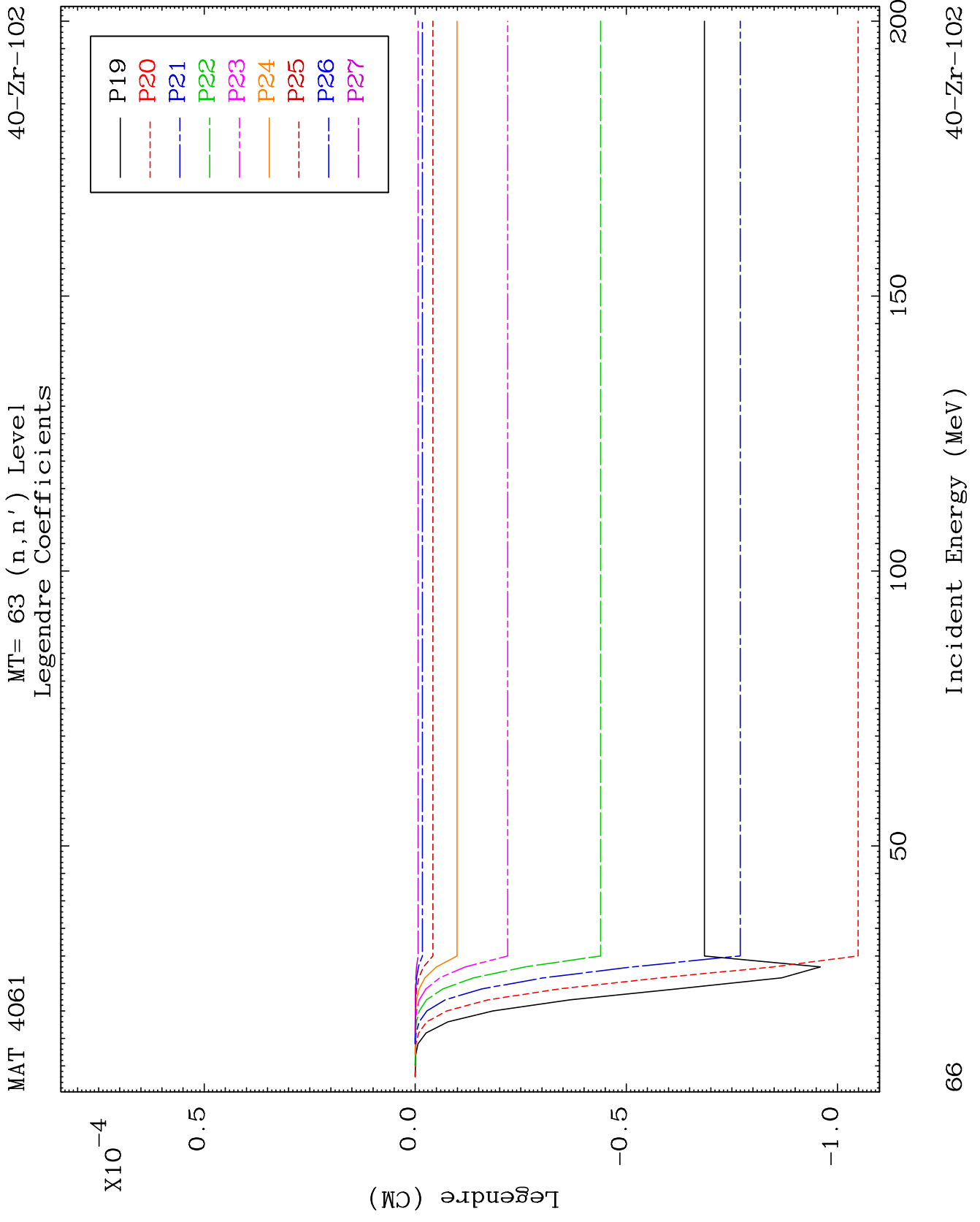
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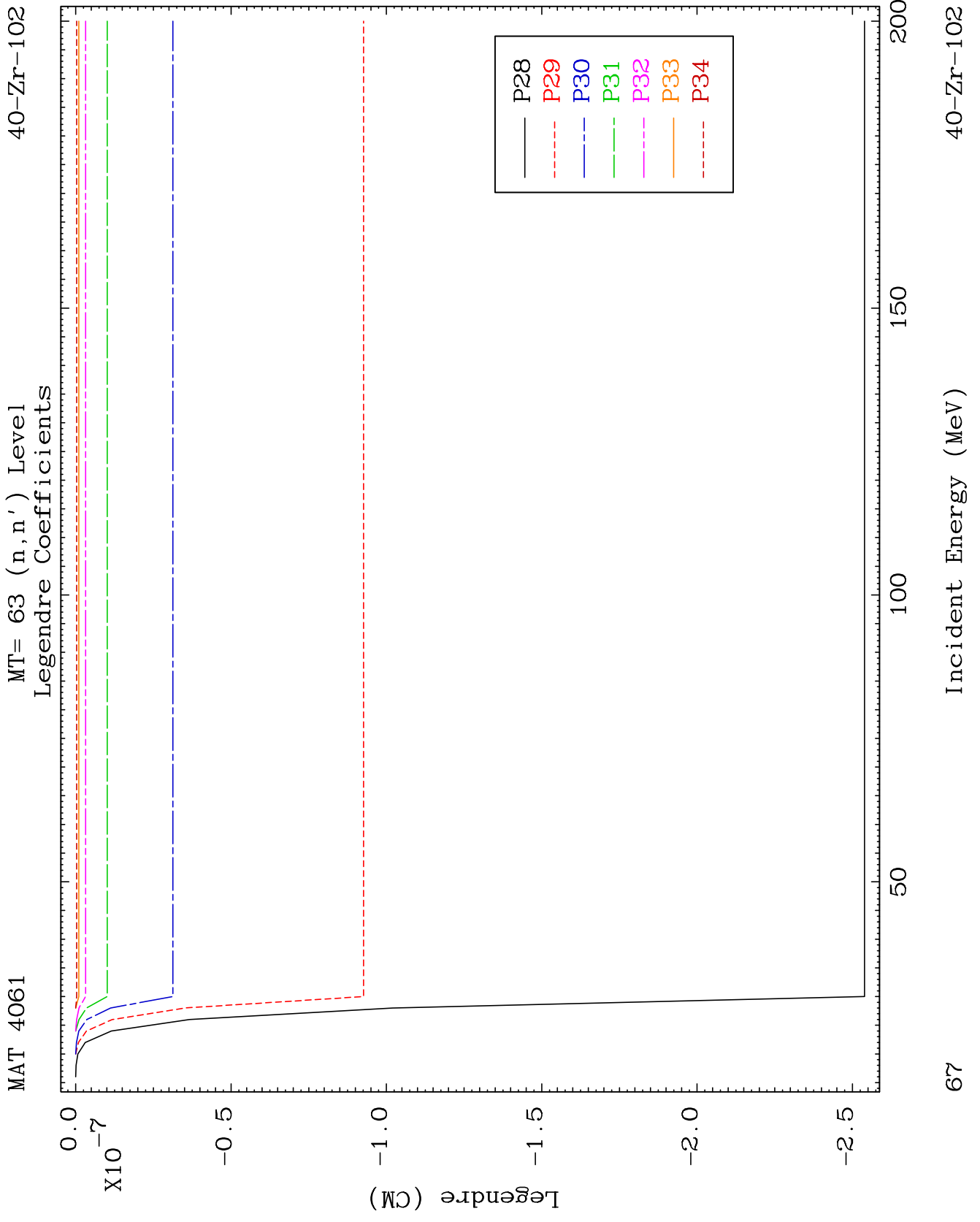








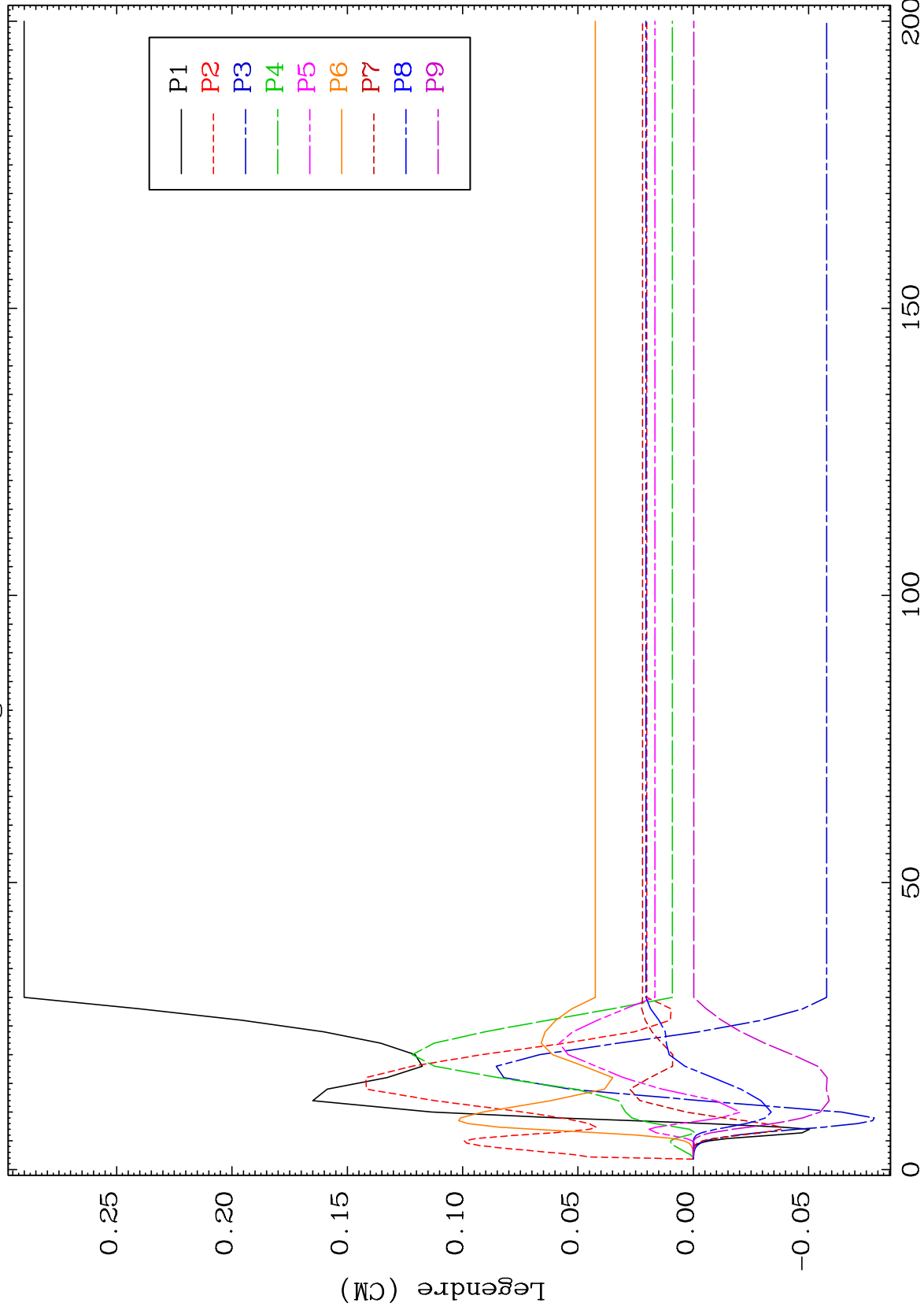




MAT 4061

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

40-Zr-102



68

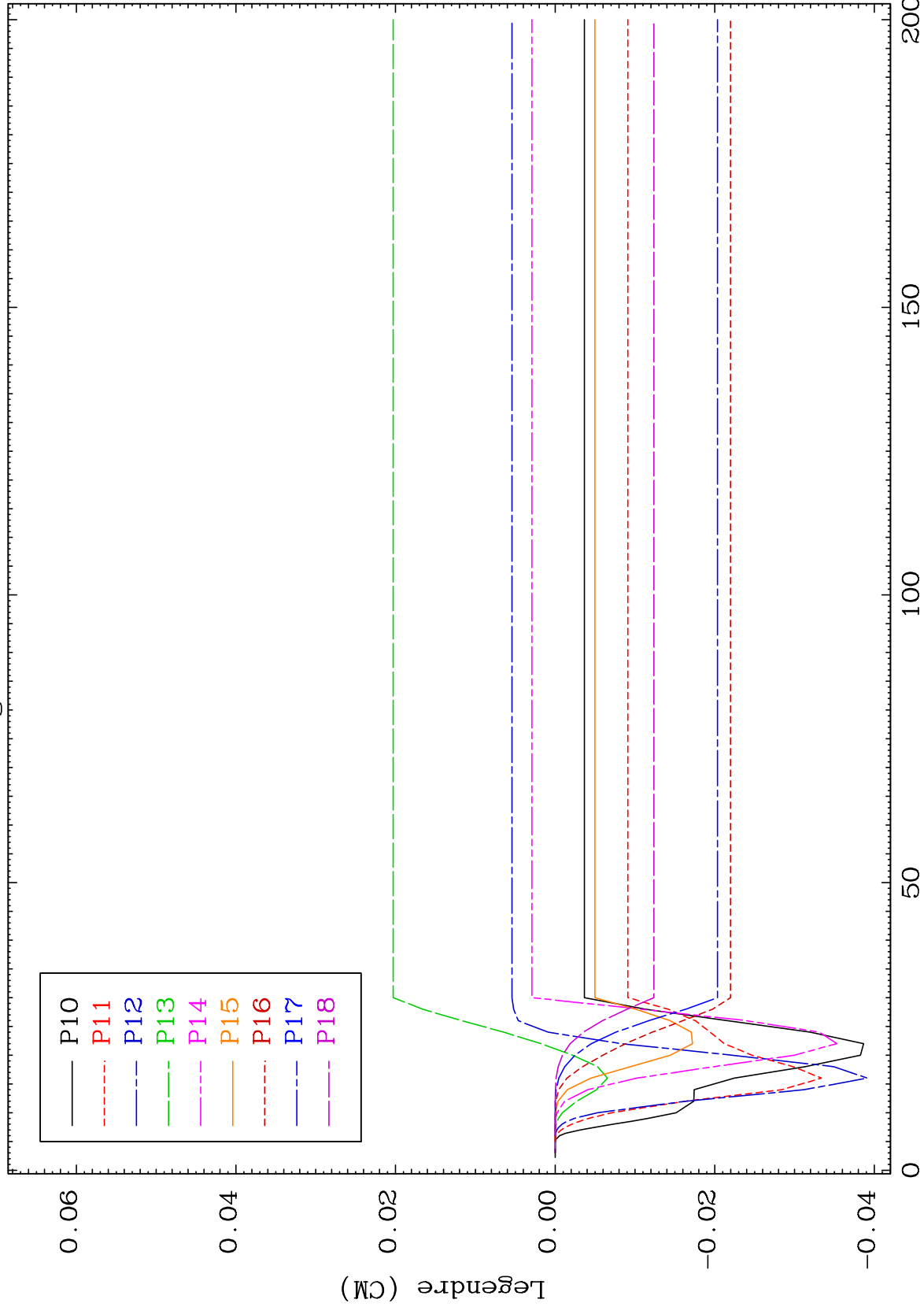
Incident Energy (MeV)

40-Zr-102

MAT 4061

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

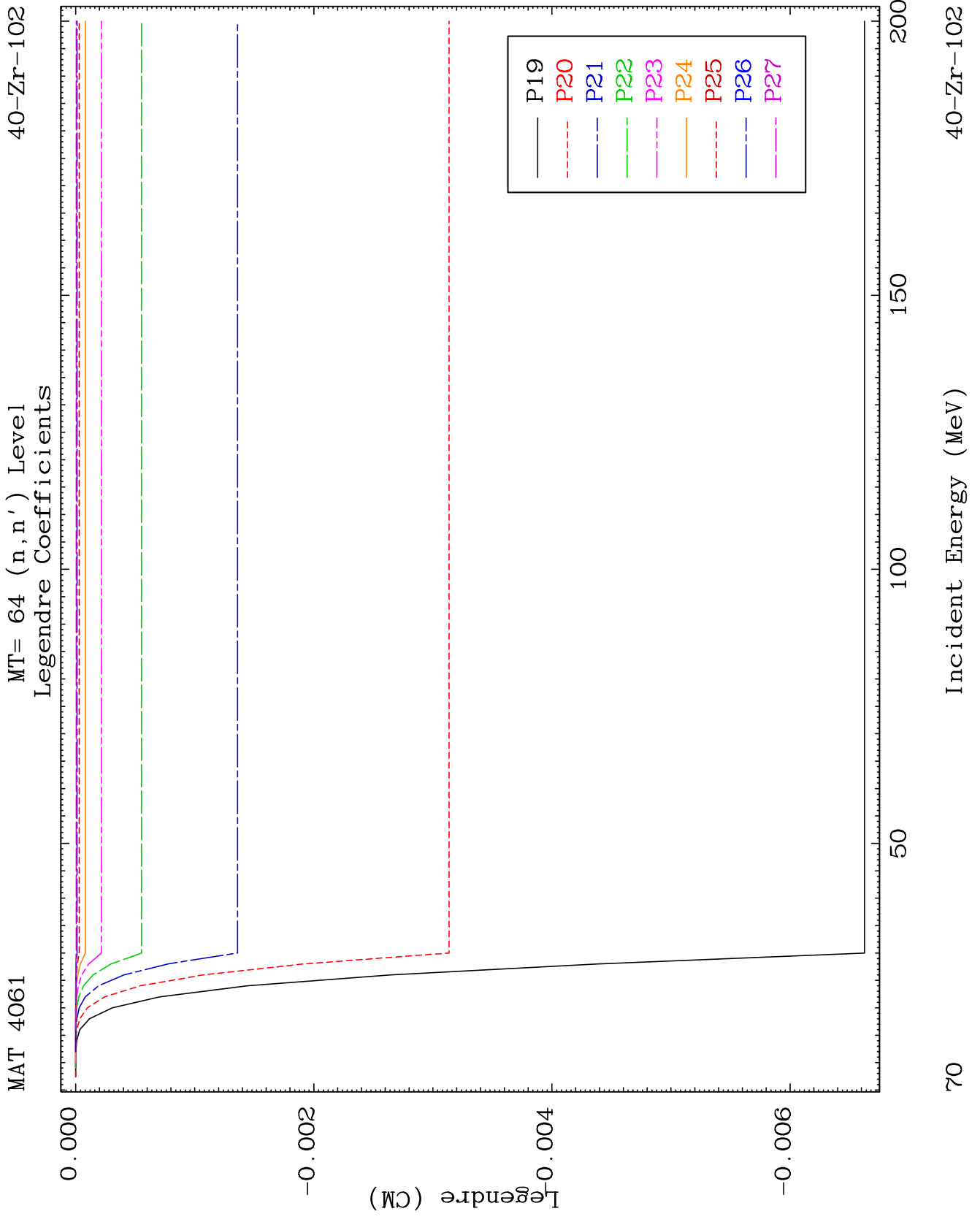
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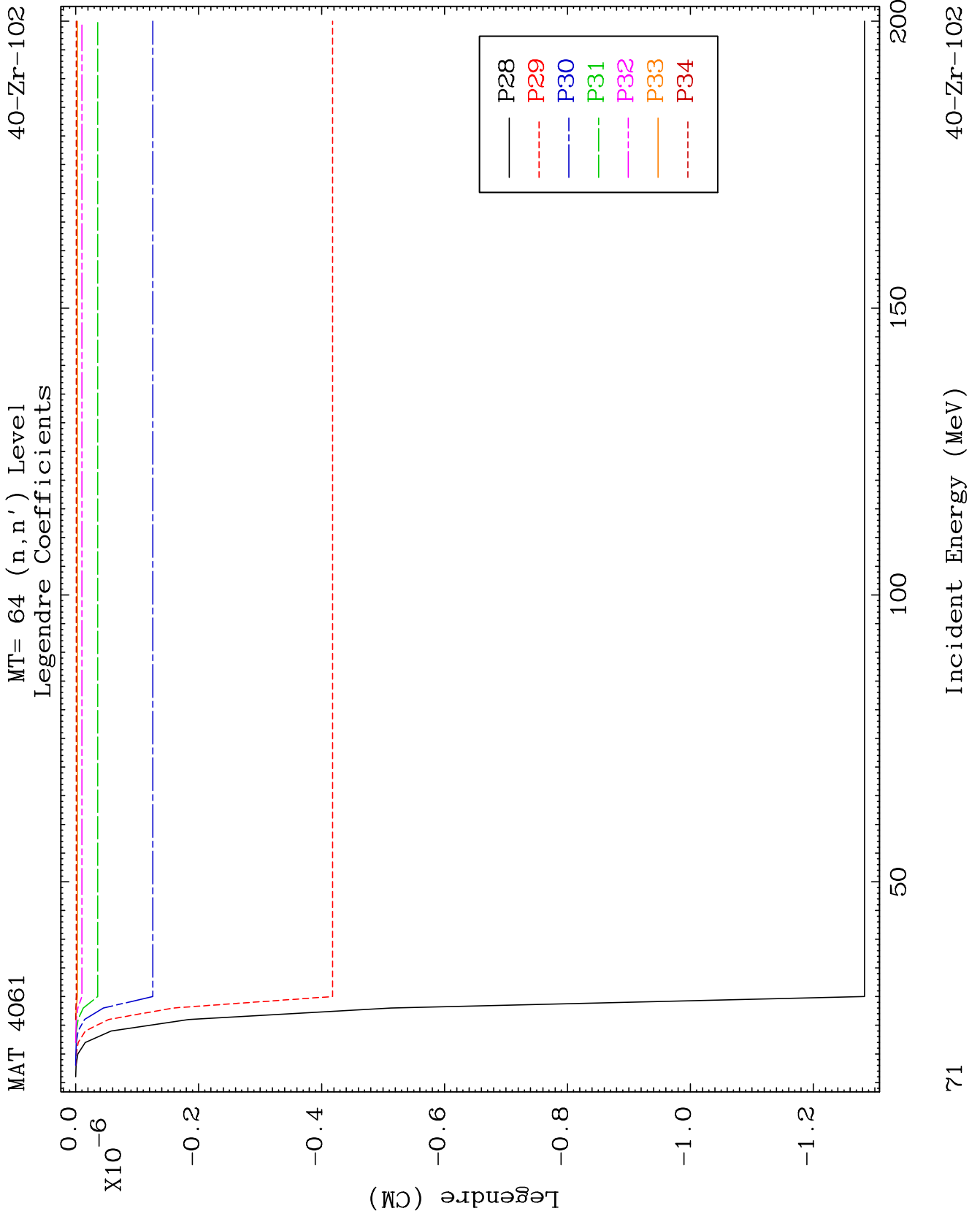


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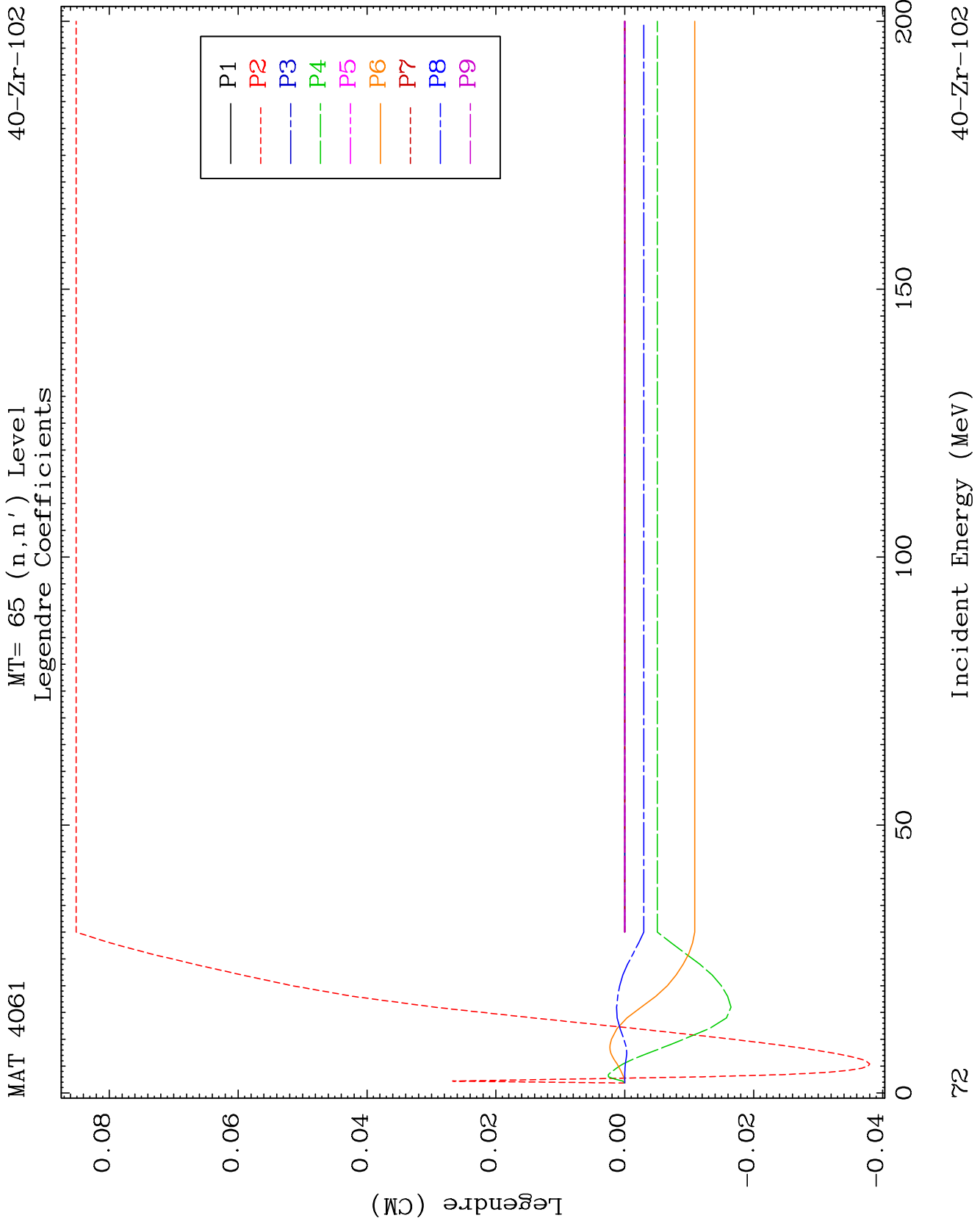
Incident Energy (MeV)

40-Zr-102





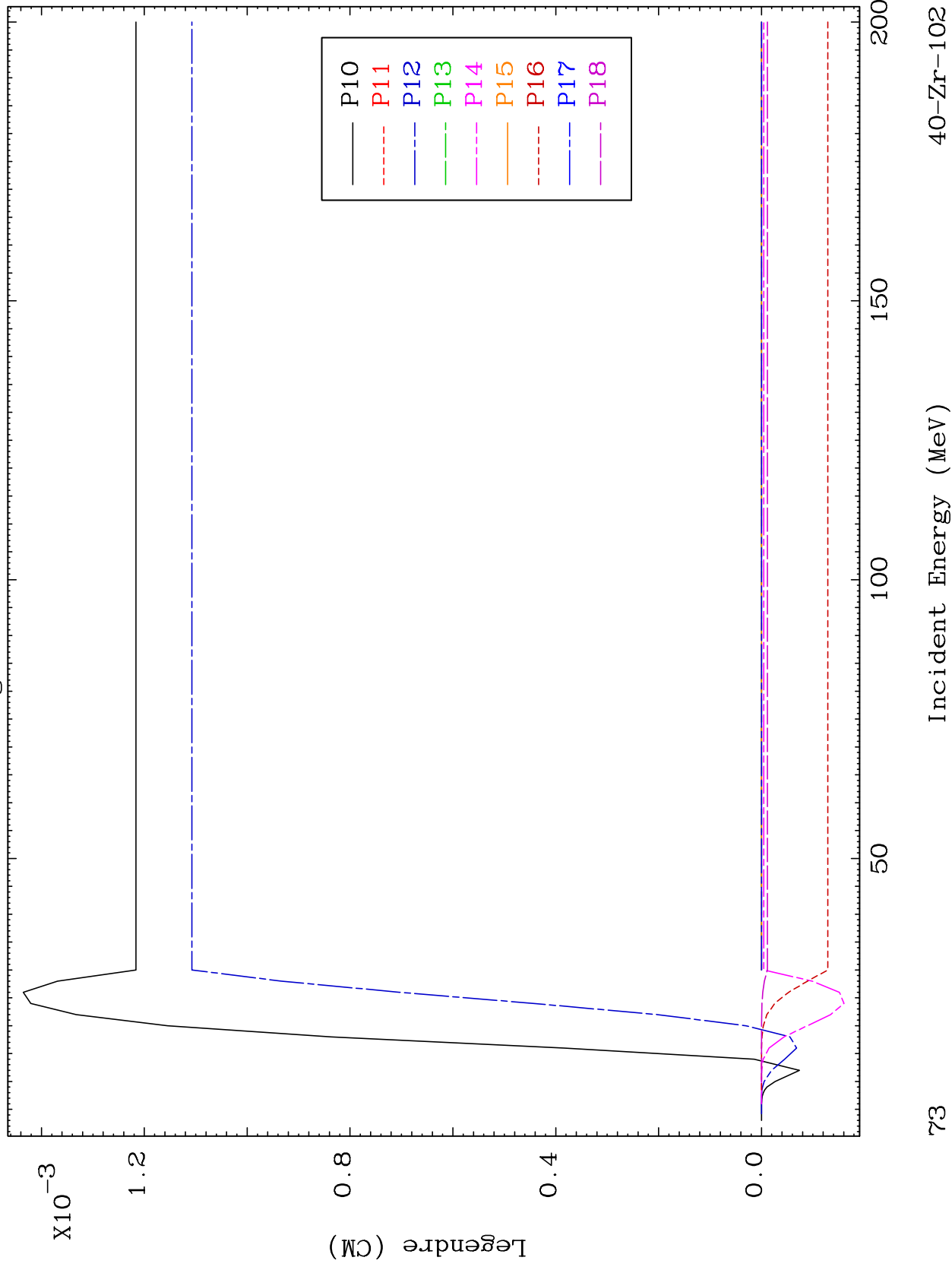




MAT 4061

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

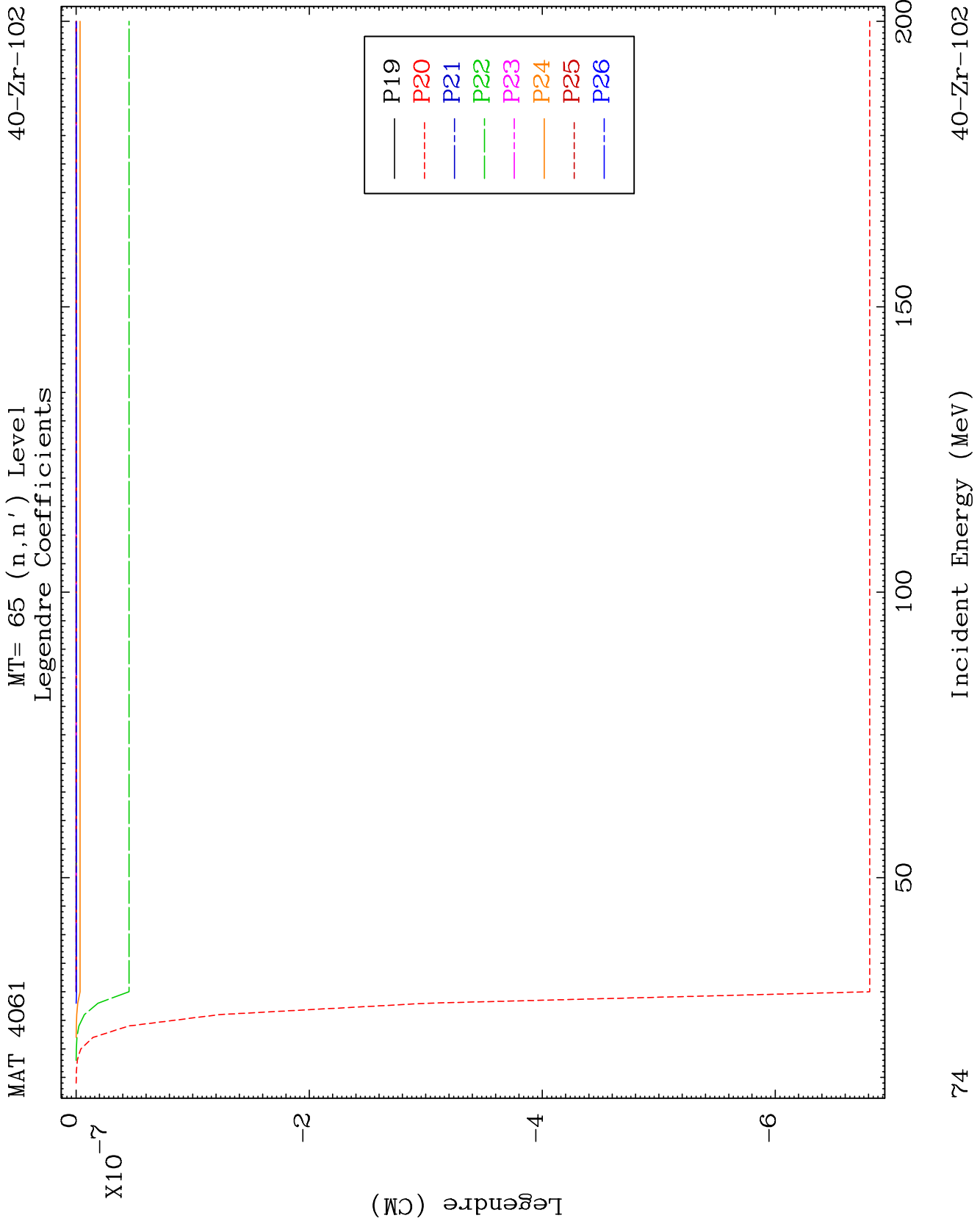
40-Zr-102



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Incident Energy (MeV)

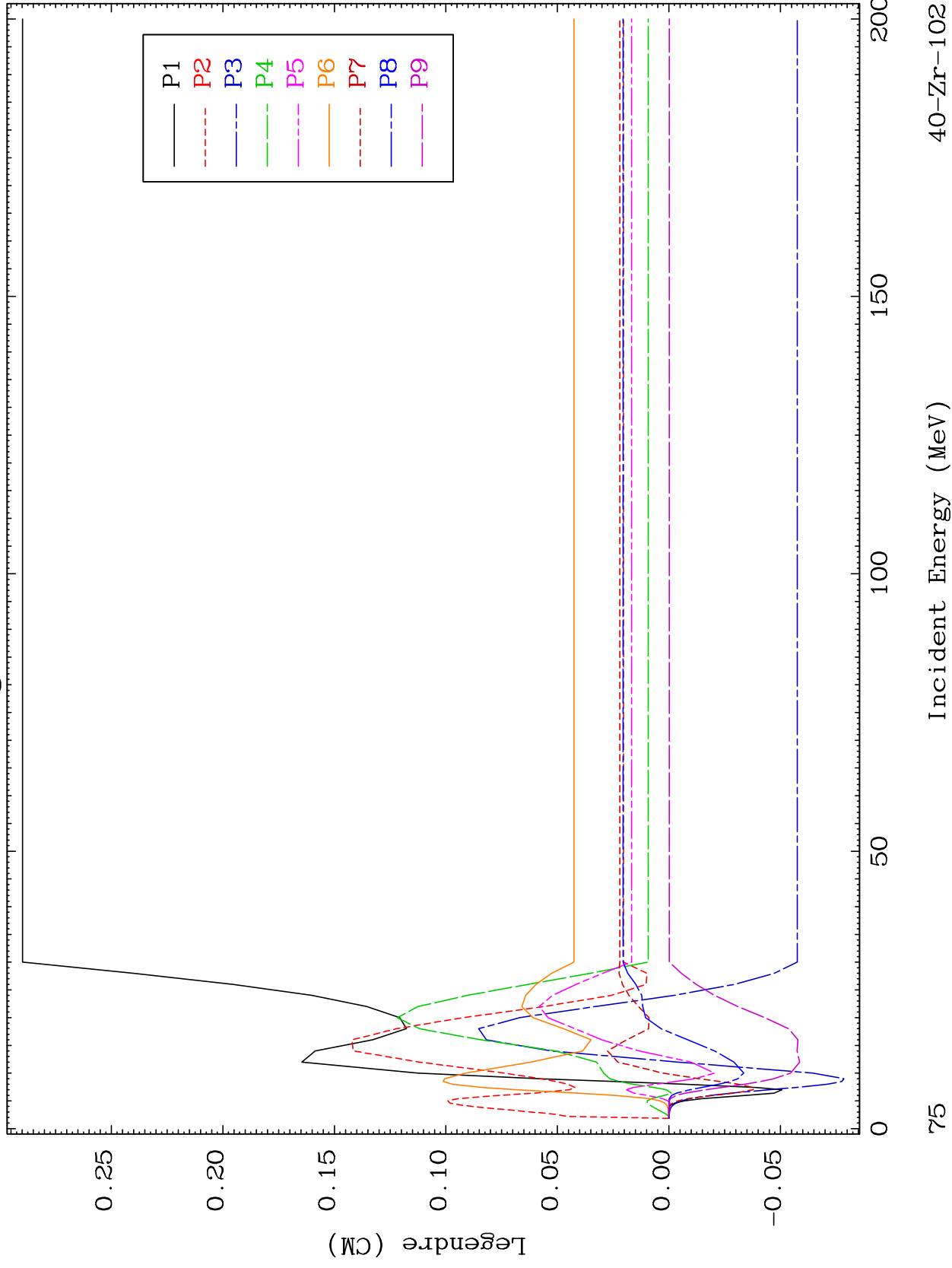
40-Zr-102



MAT 4061

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

40-Zr-102



40-Zr-102

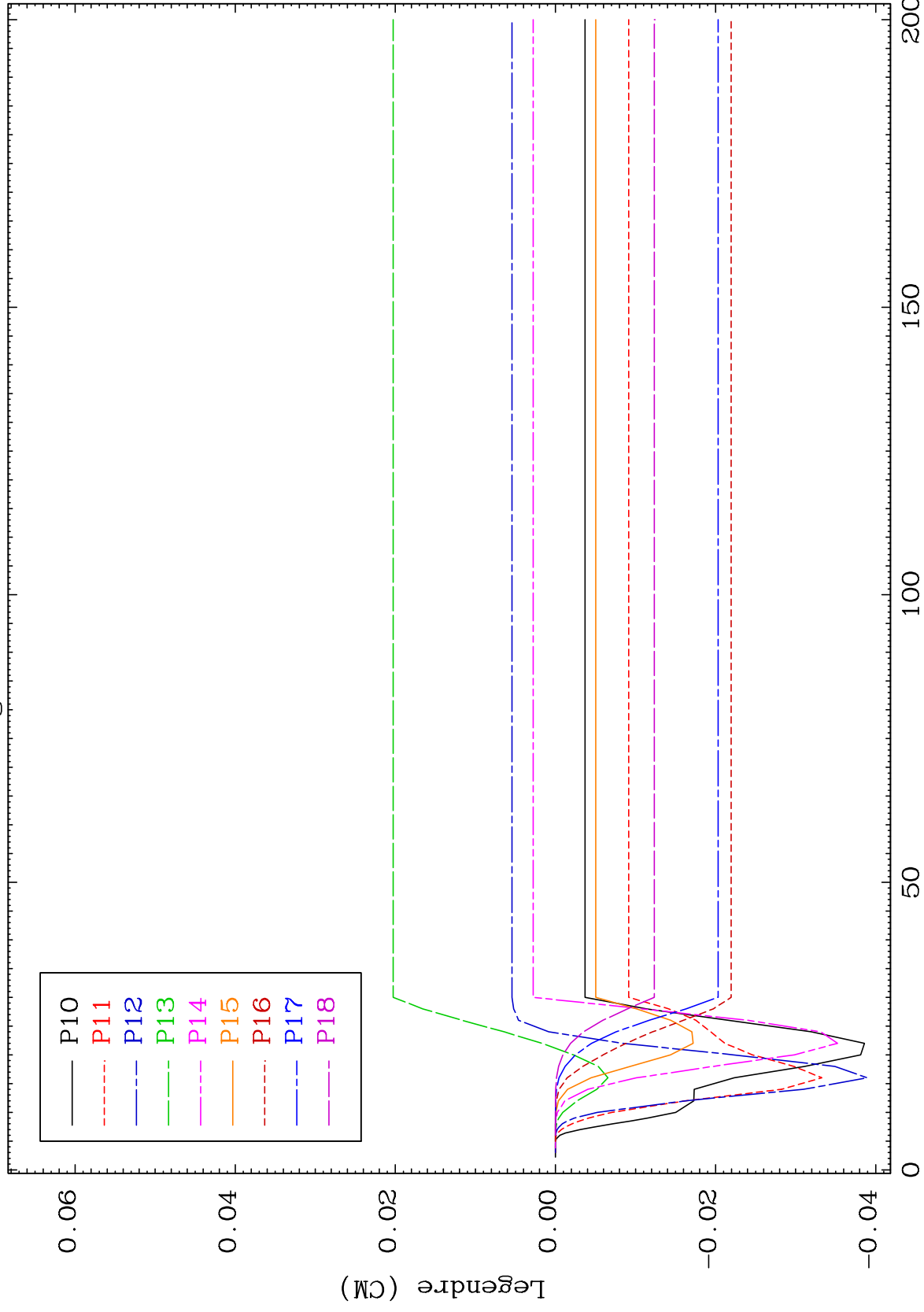
Incident Energy (MeV)

75

MAT 4061

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

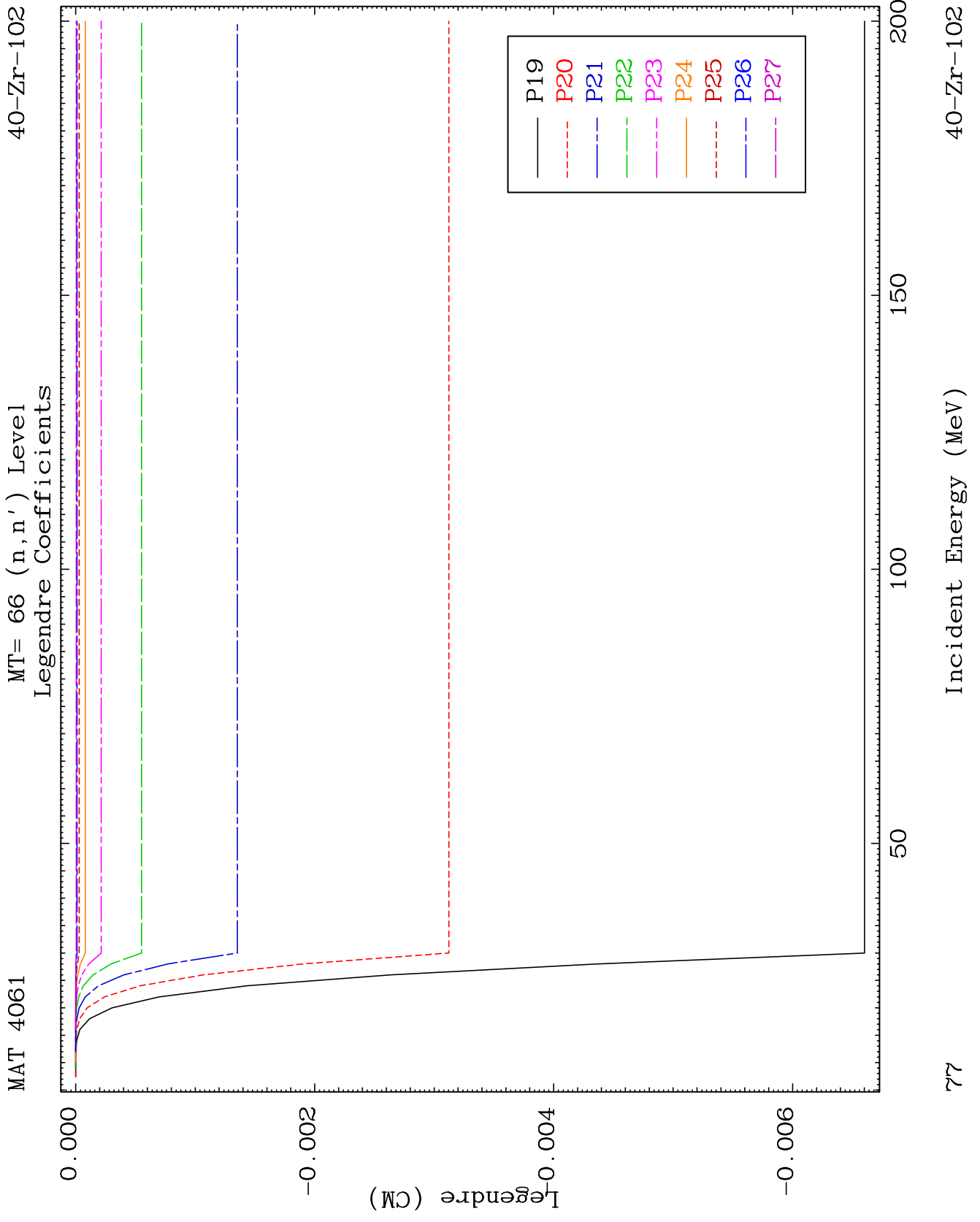
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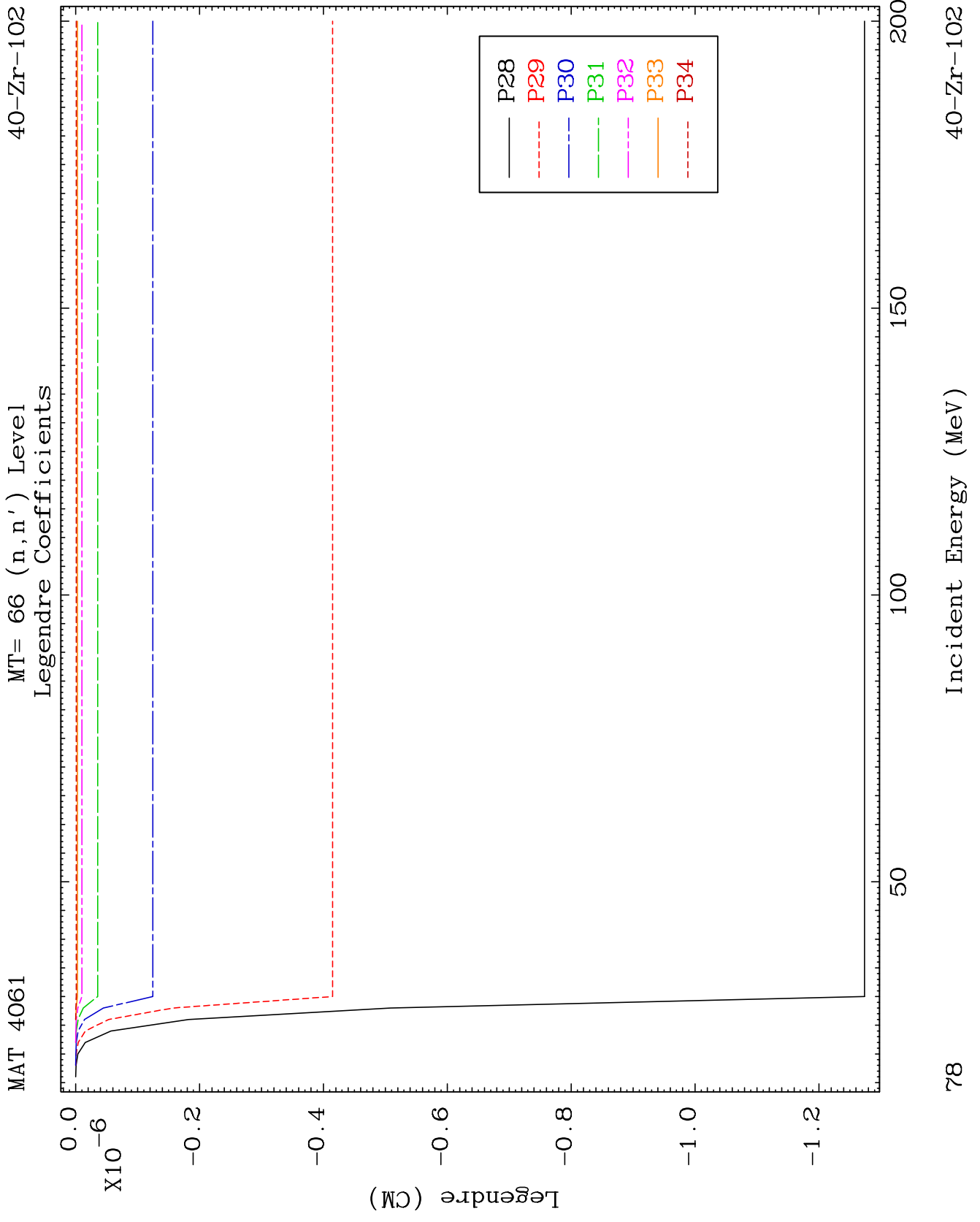


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Incident Energy (MeV)

40-Zr-102





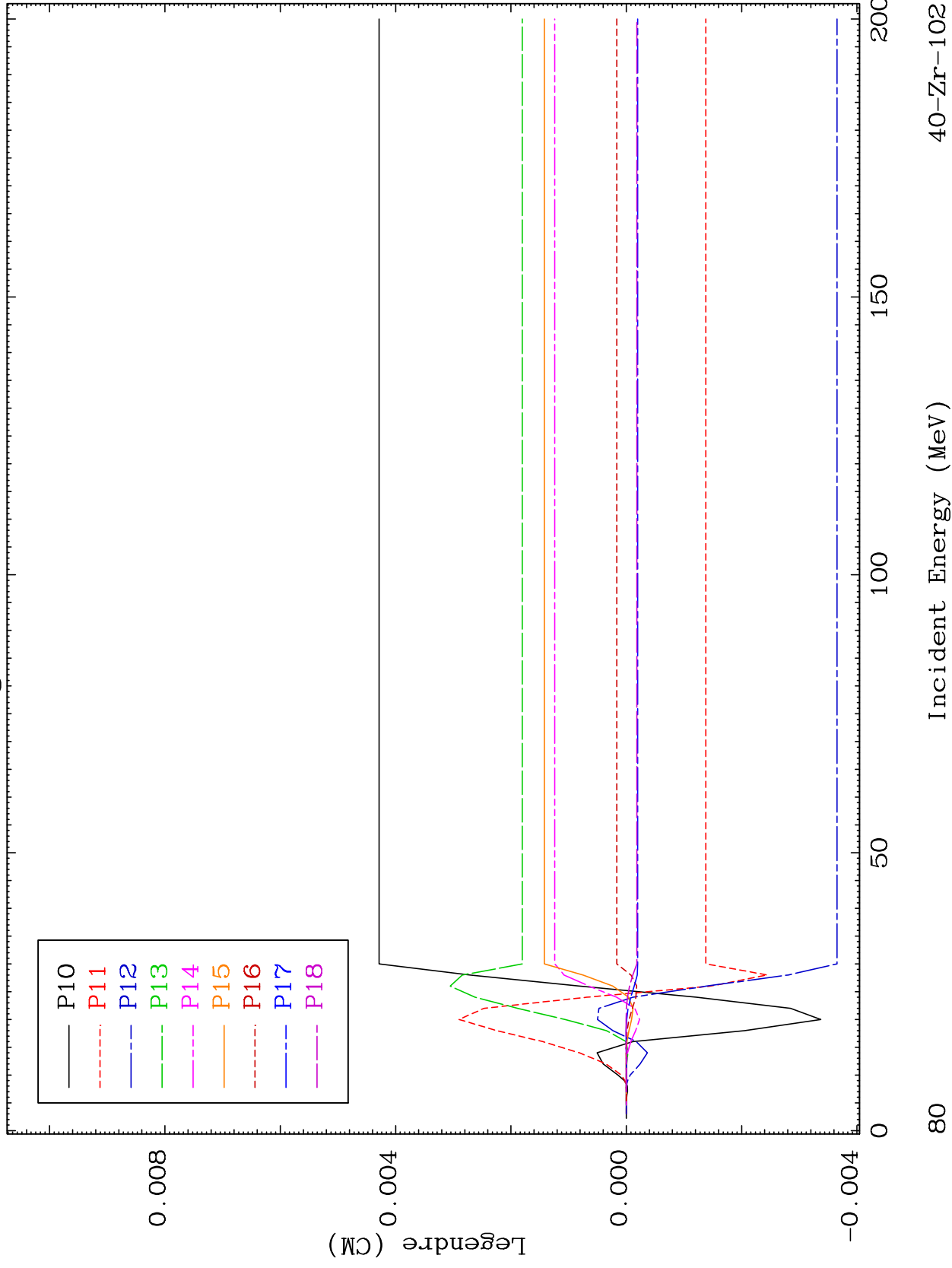


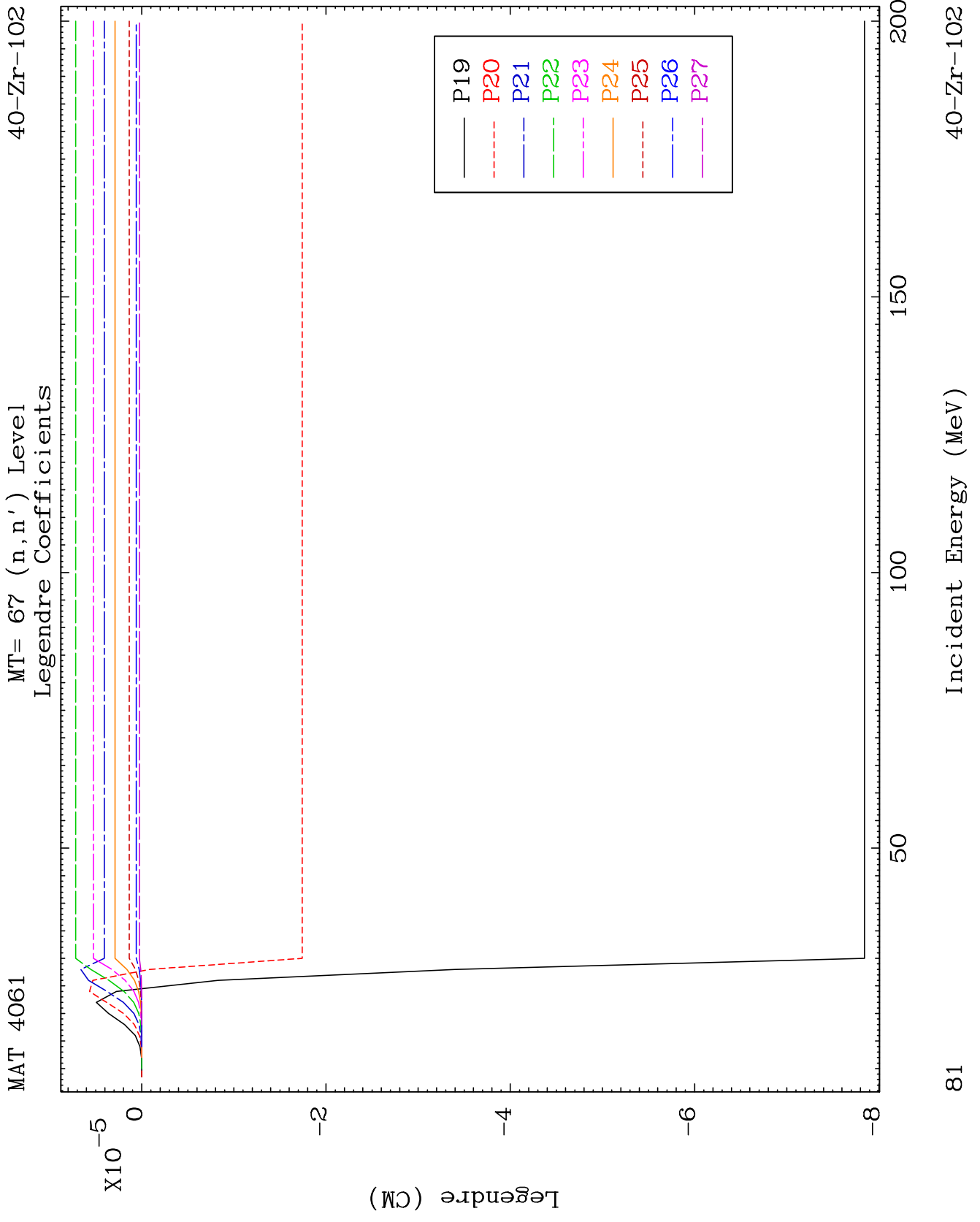


MAT 4061

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

40-Zr-102

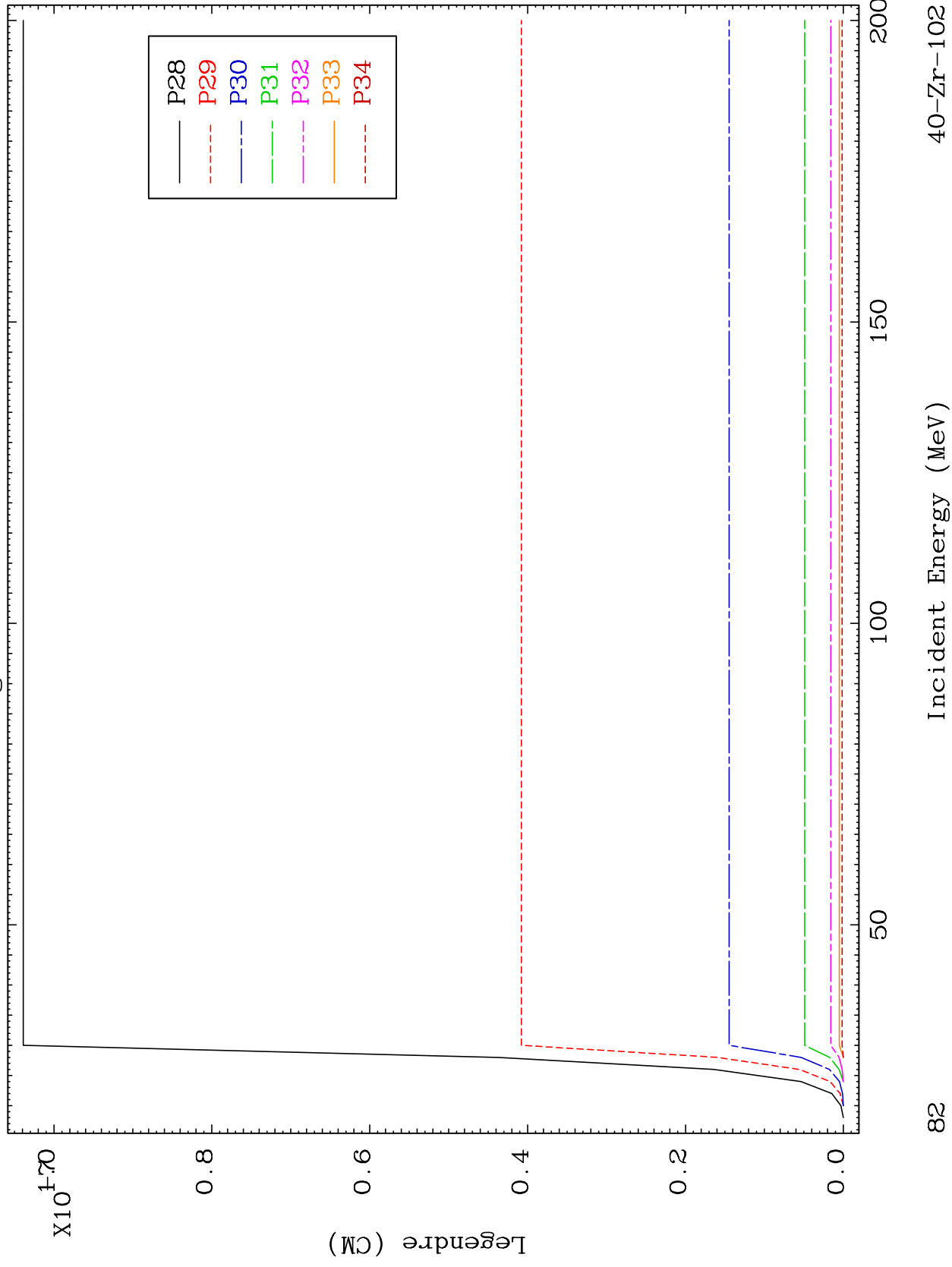




MAT 4061

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

40-Zr-102



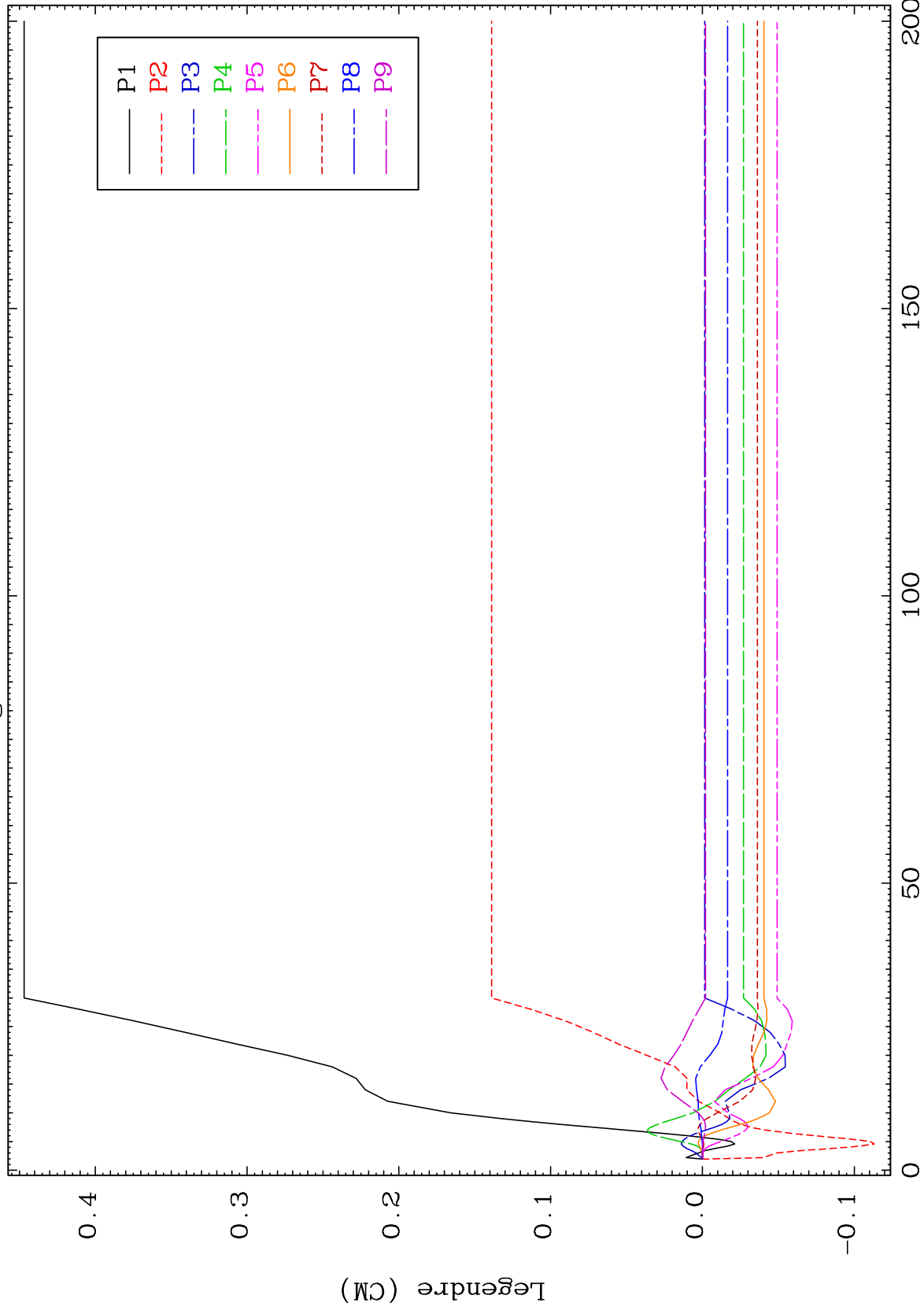
82

40-Zr-102

MAT 4061

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

40-Zr-102



83

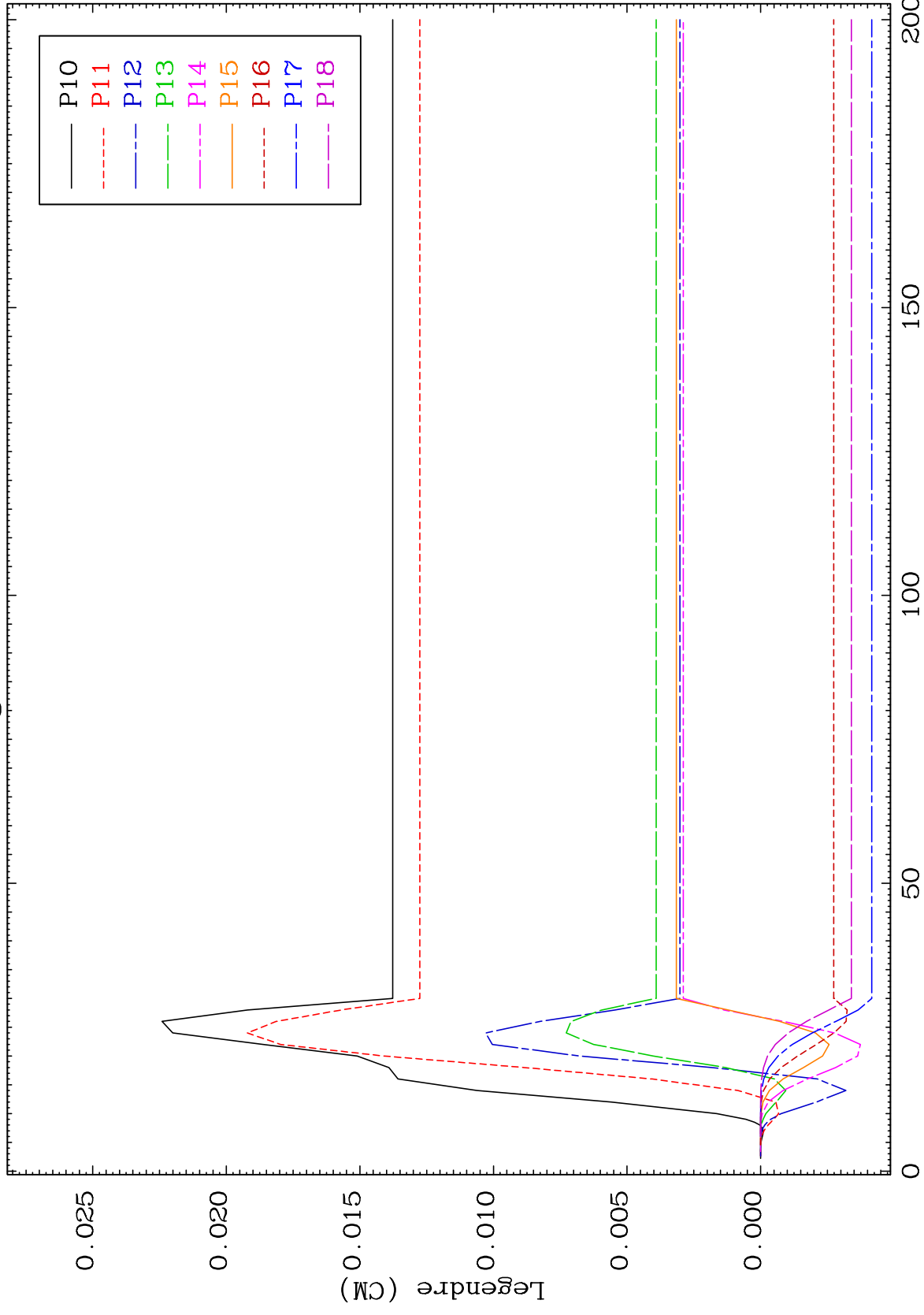
Incident Energy (MeV)

40-Zr-102

MAT 4061

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

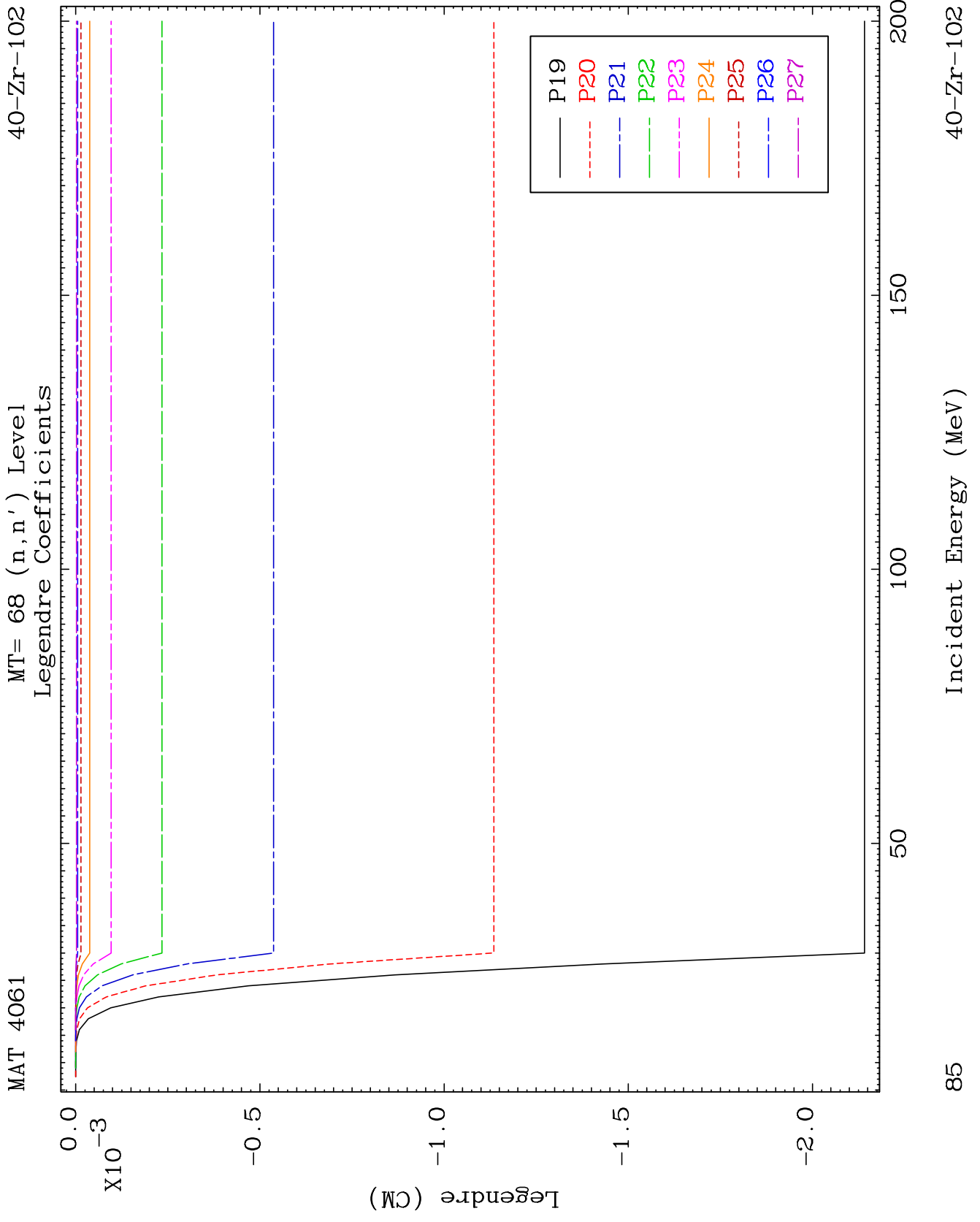
40-Zr-102

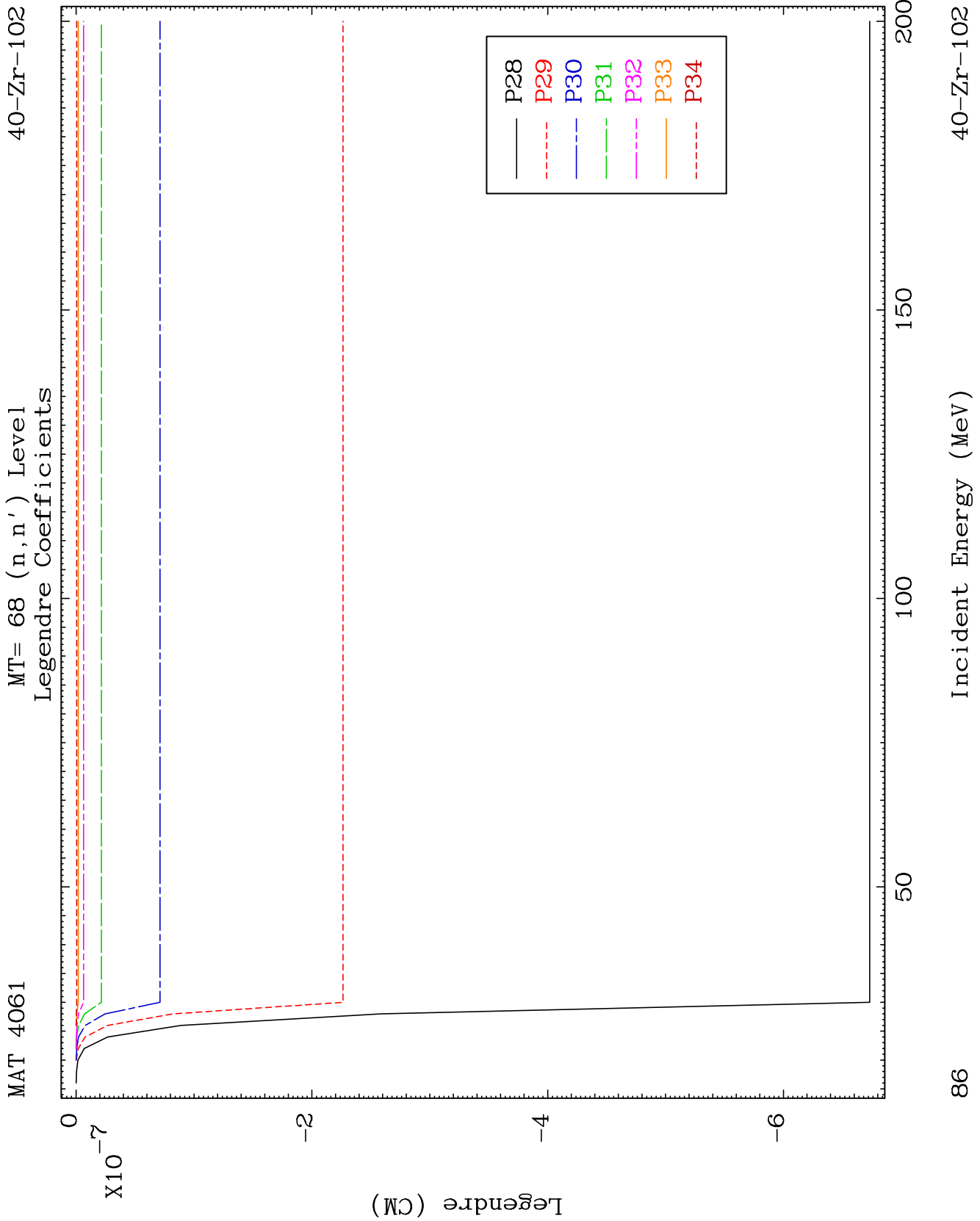


84

Incident Energy (MeV)

40-Zr-102

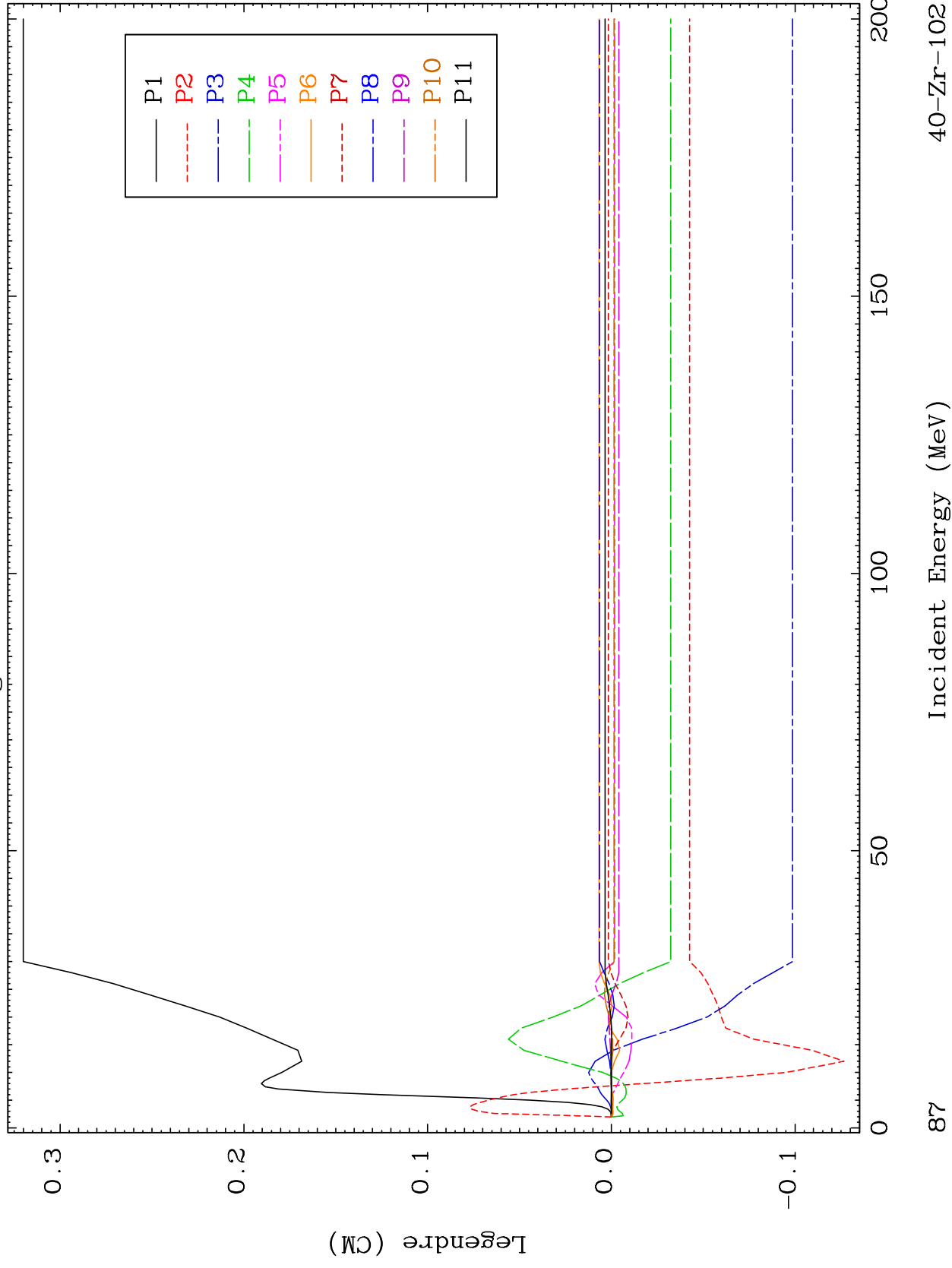




MAT 4061

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

40-Zr-102



40-Zr-102

Incident Energy (MeV)

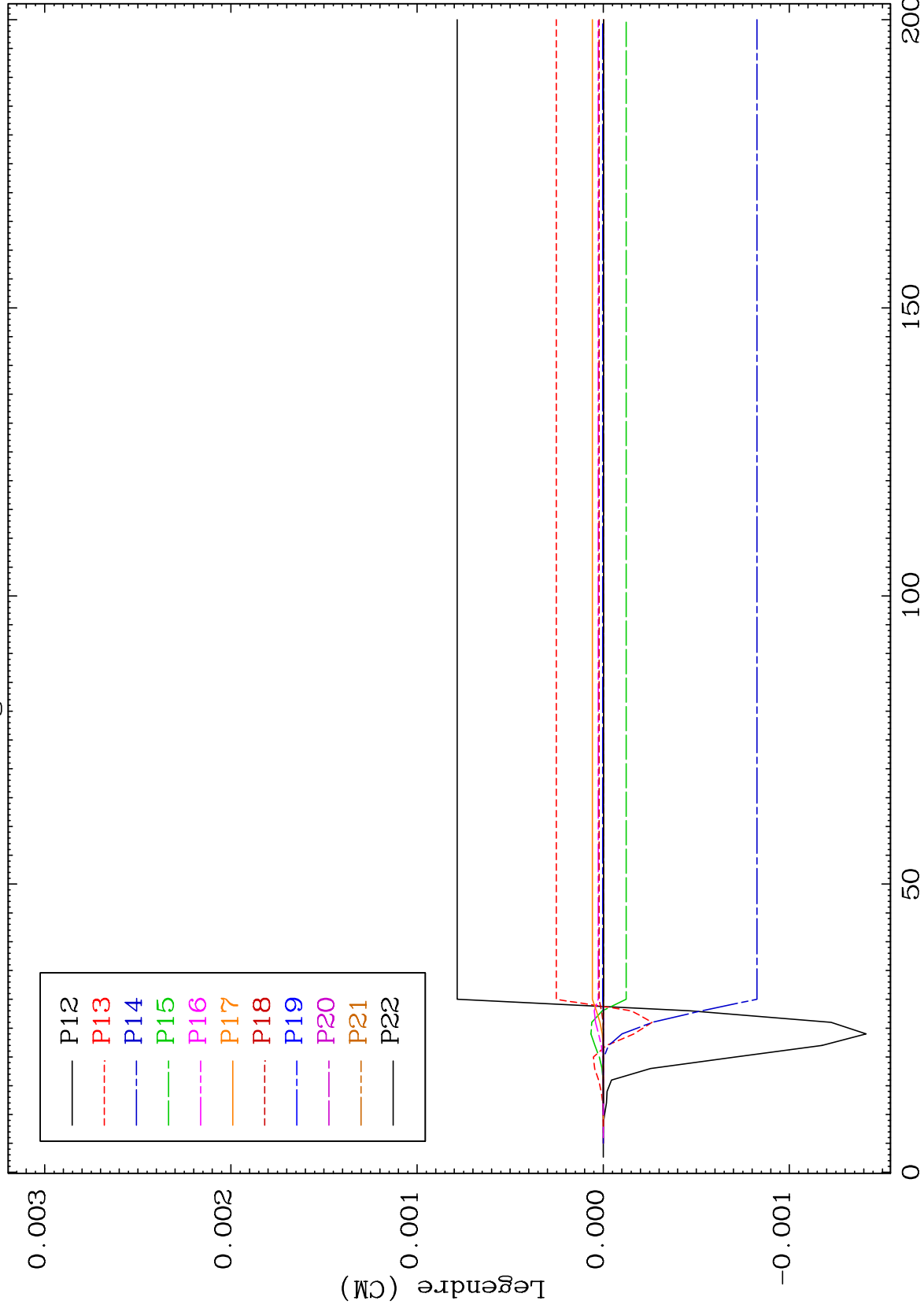
87



MAT 4061

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

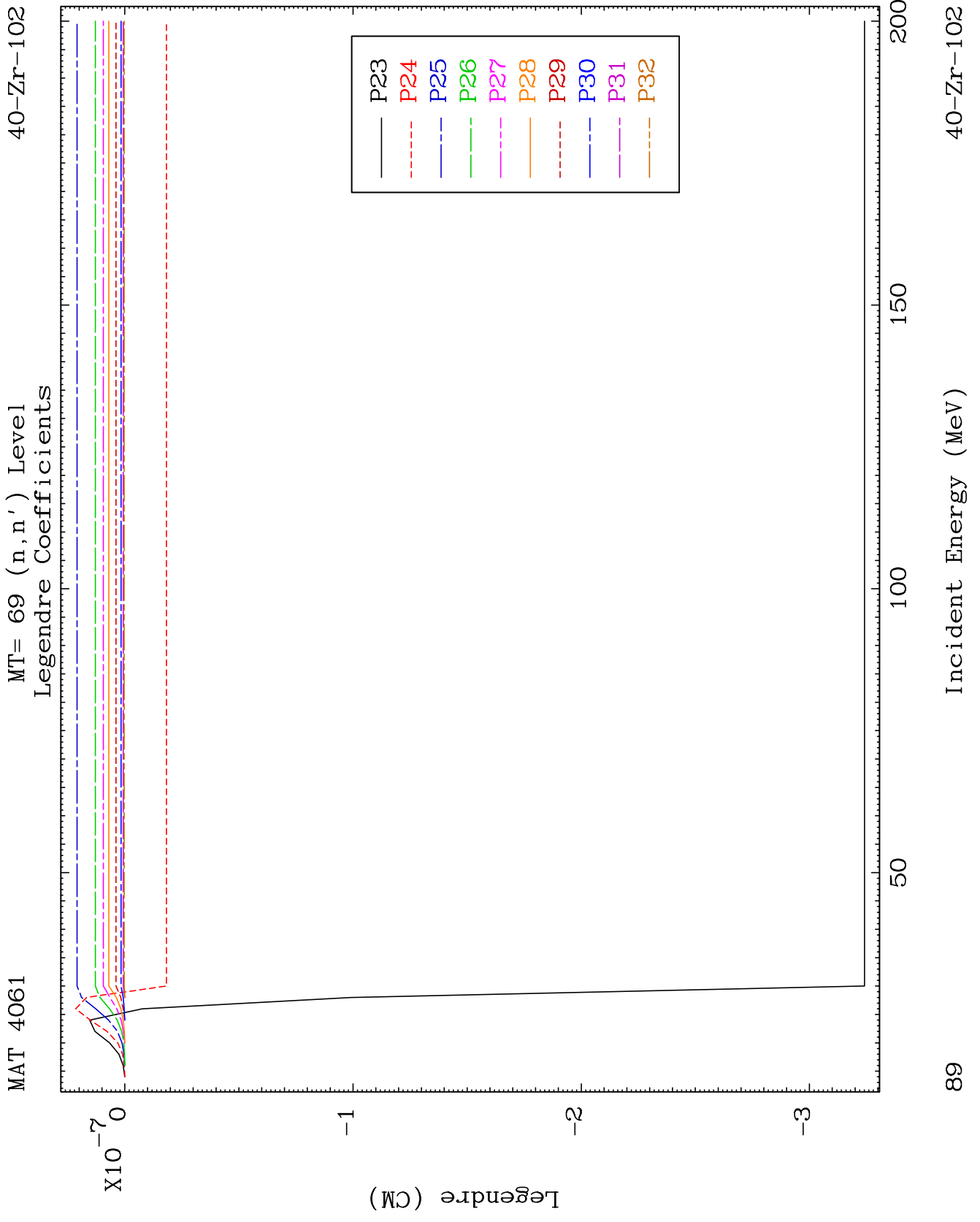
40-Zr-102



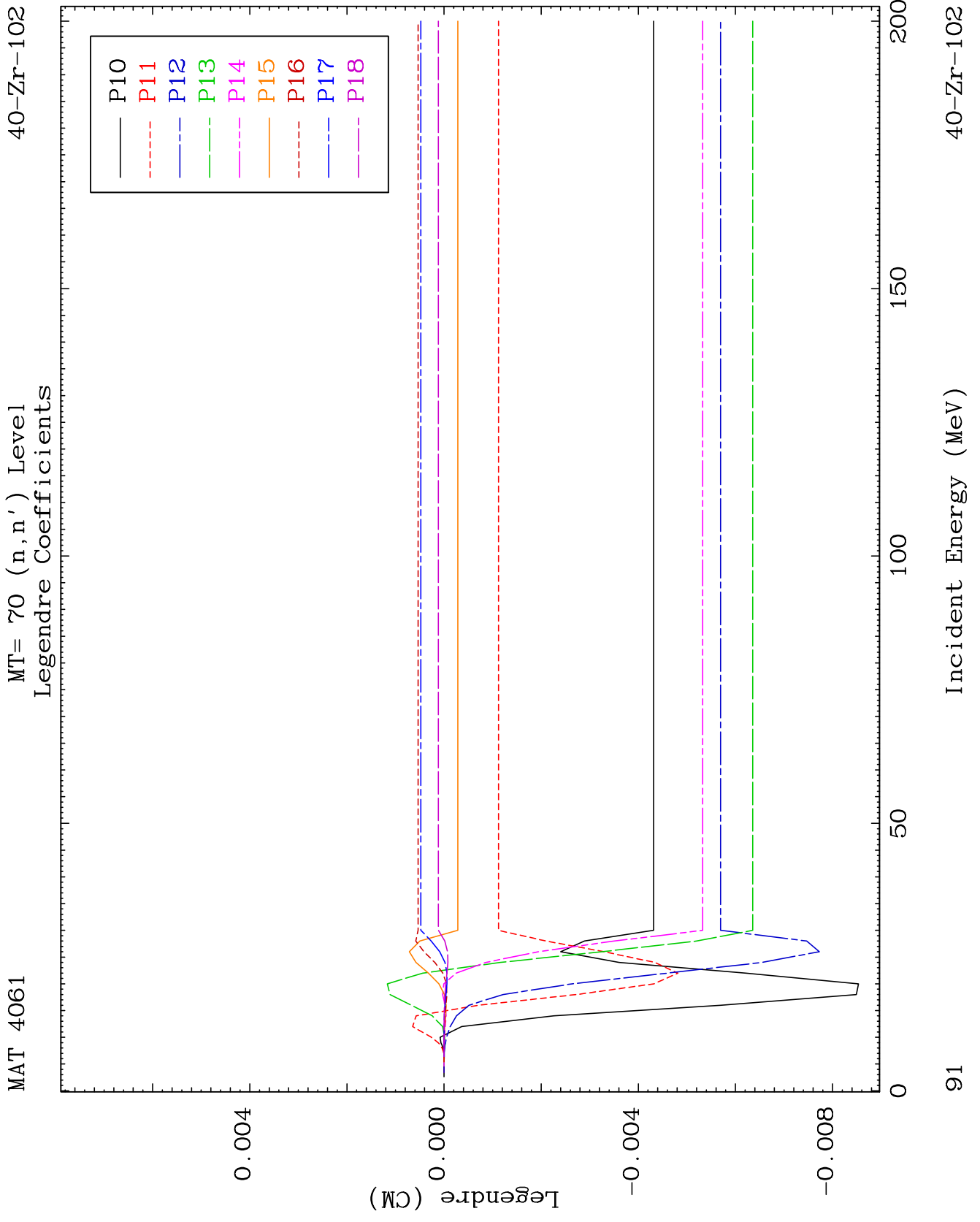
88

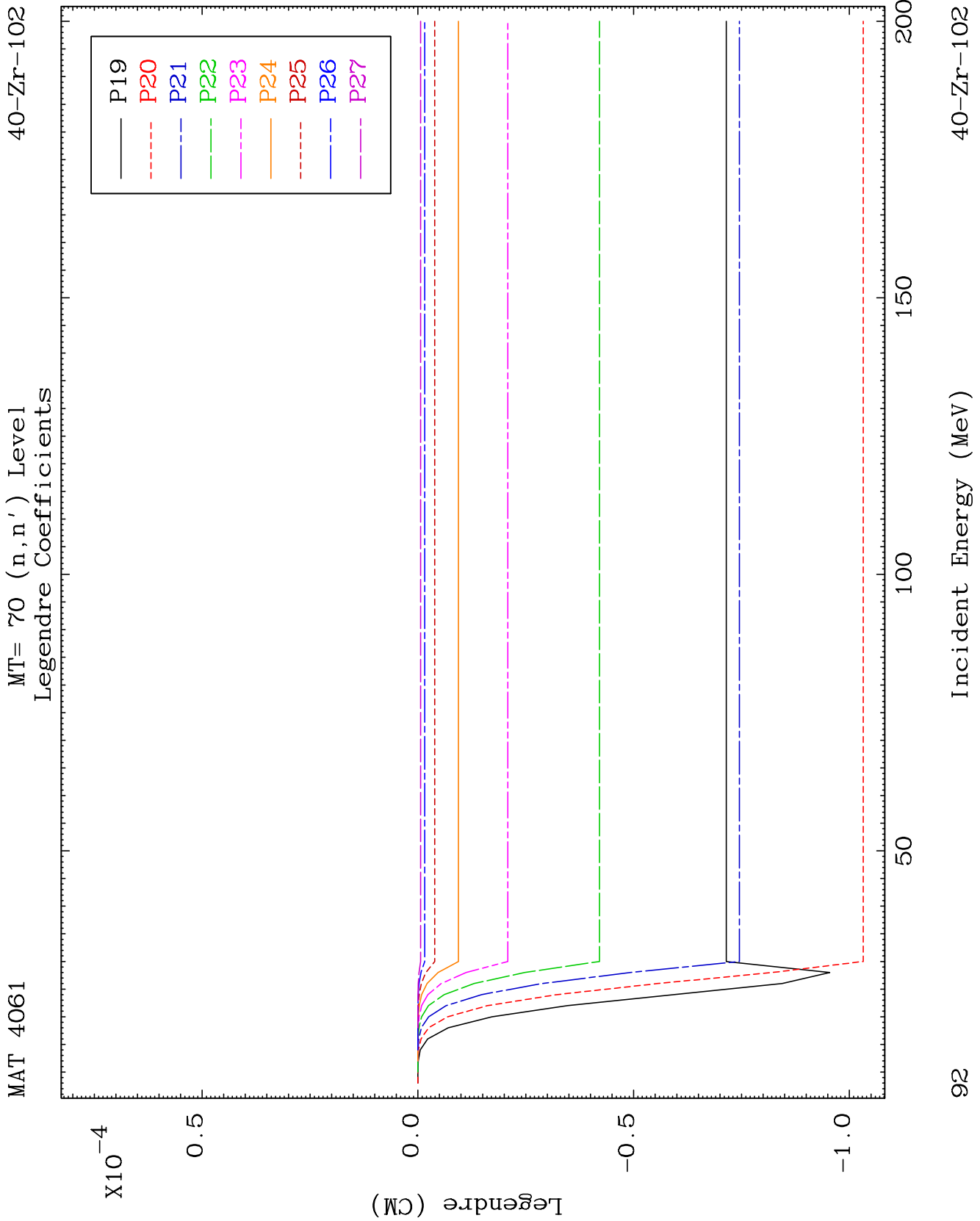
Incident Energy (MeV)

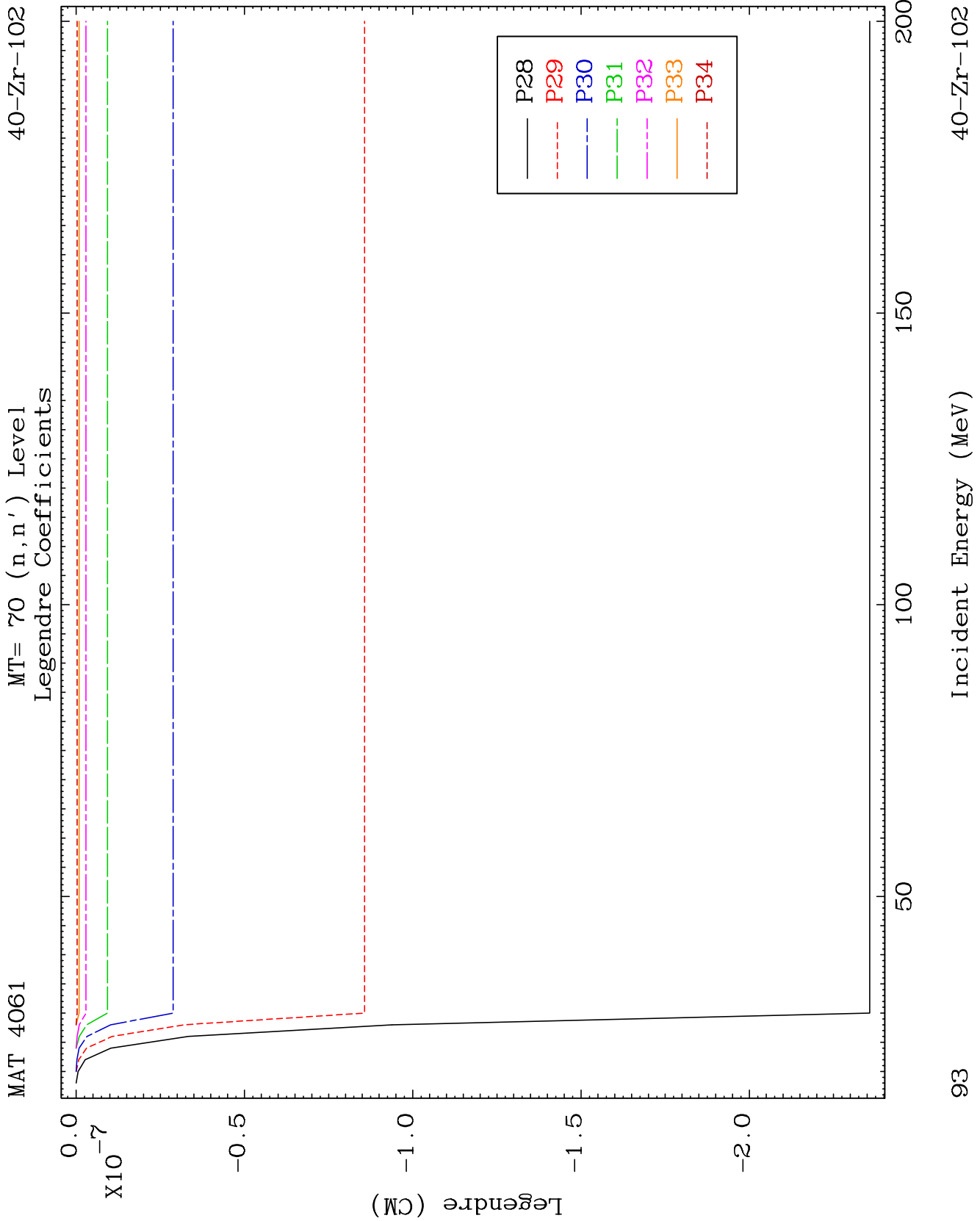
40-Zr-102









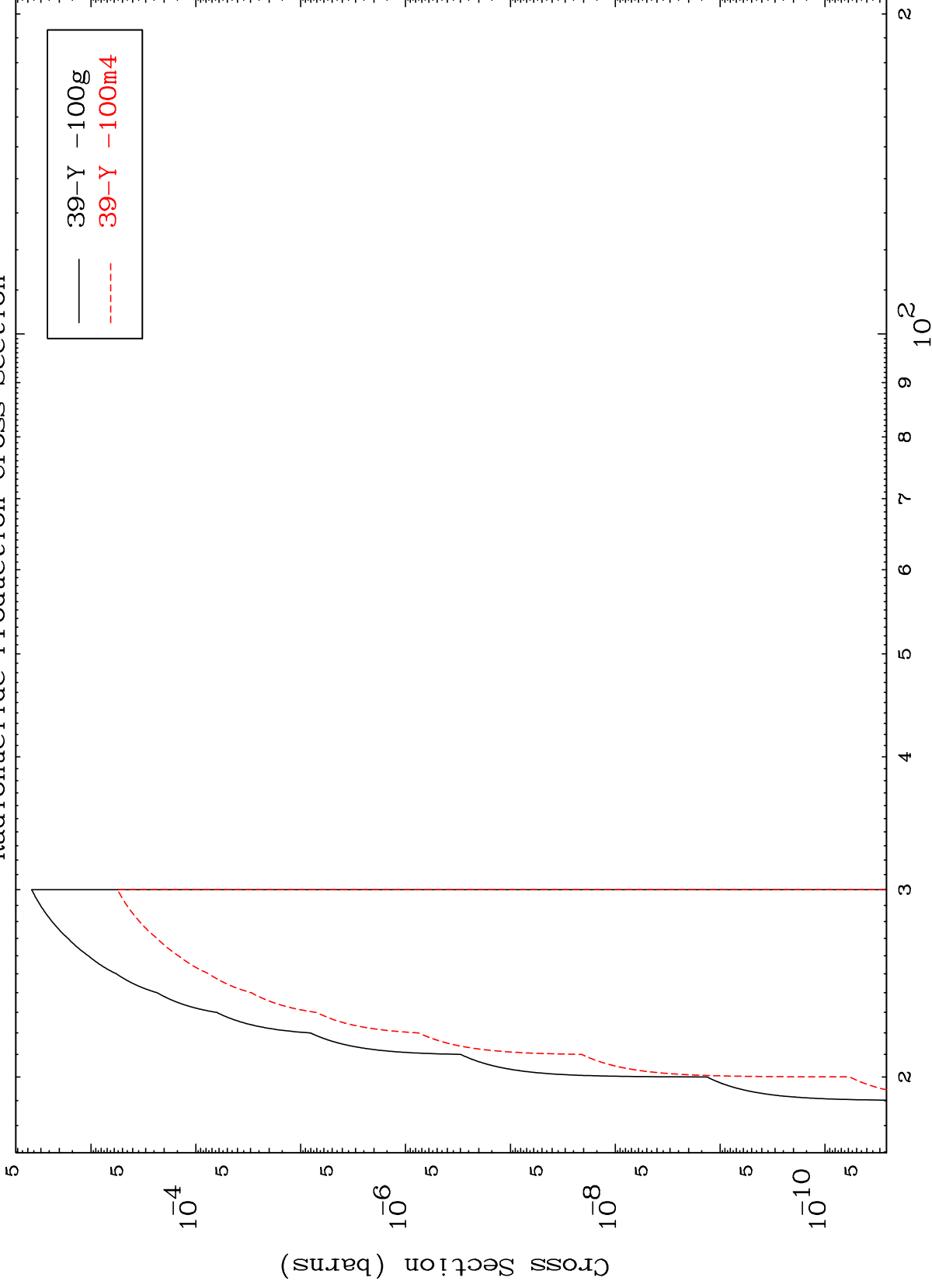


MAT 4061

(n,n') d

40-Zr-102

Radionuclide Production Cross Section



94

Incident Energy (MeV)

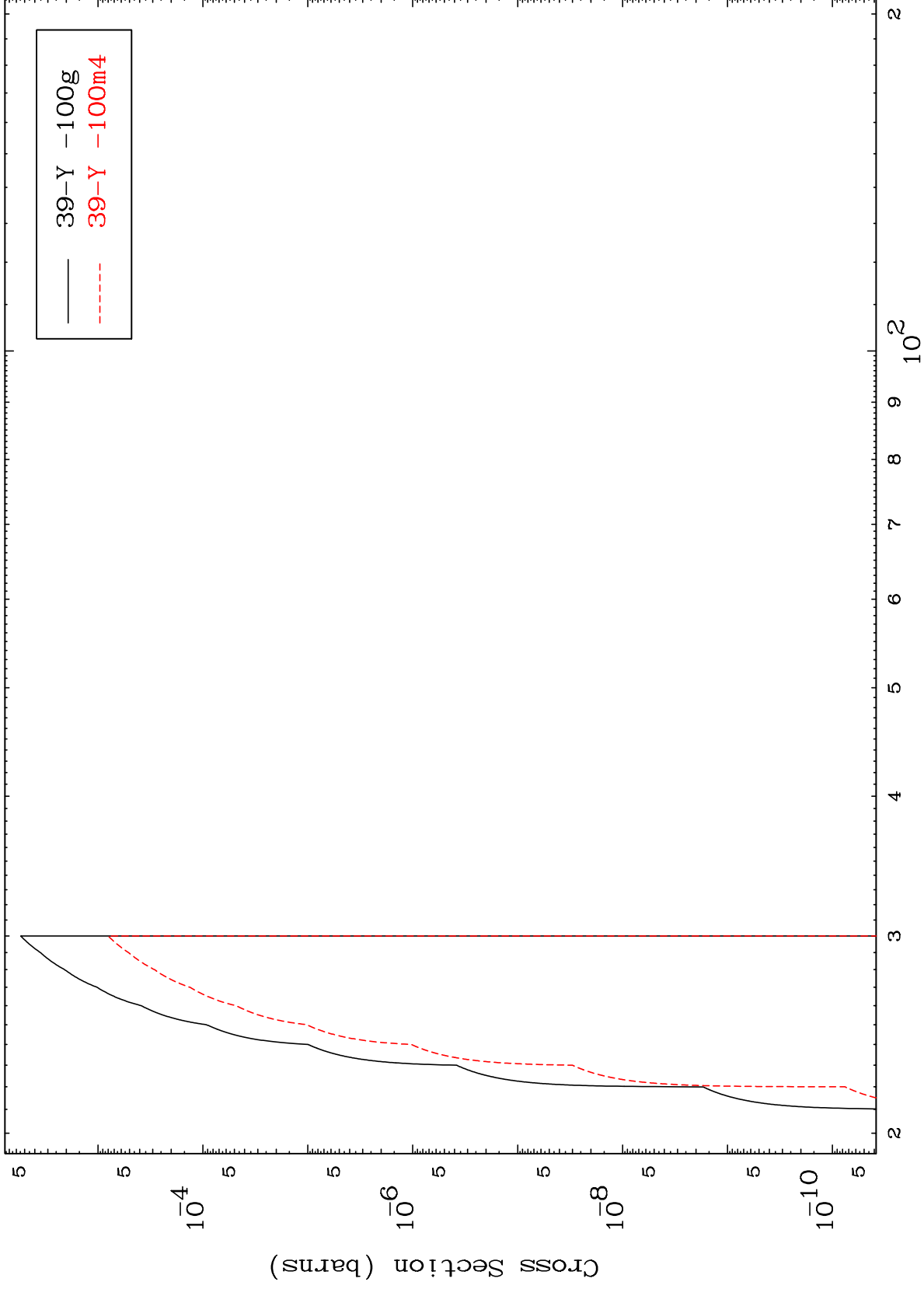
40-Zr-102

MAT 4061

(n,2n) p

40-Zr-102

Radionuclide Production Cross Section



95

Incident Energy (MeV)

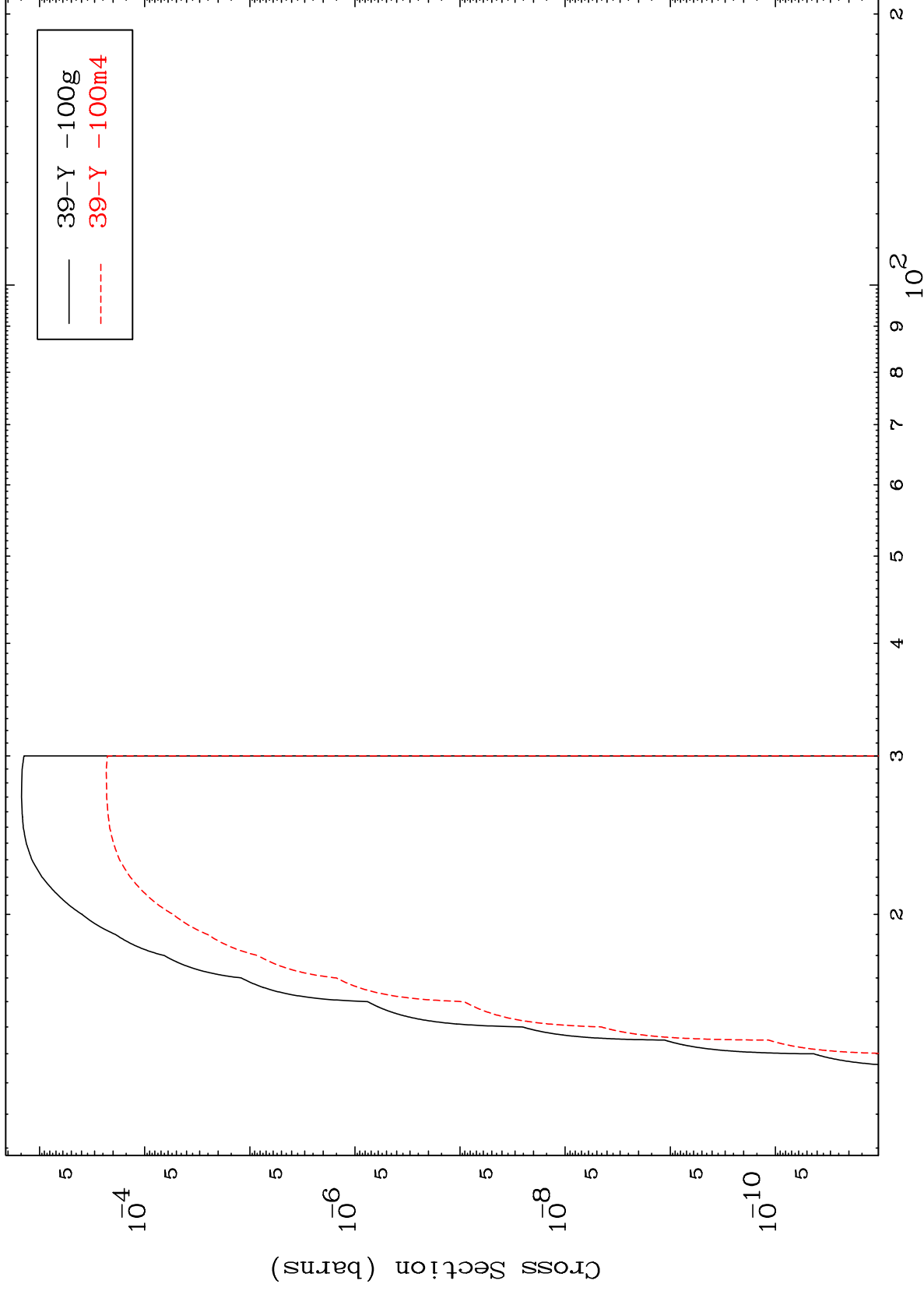
40-Zr-102



MAT 4061

40-Zr-102

(n,t)  
Radionuclide Production Cross Section



96

Incident Energy (MeV)

40-Zr-102