

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

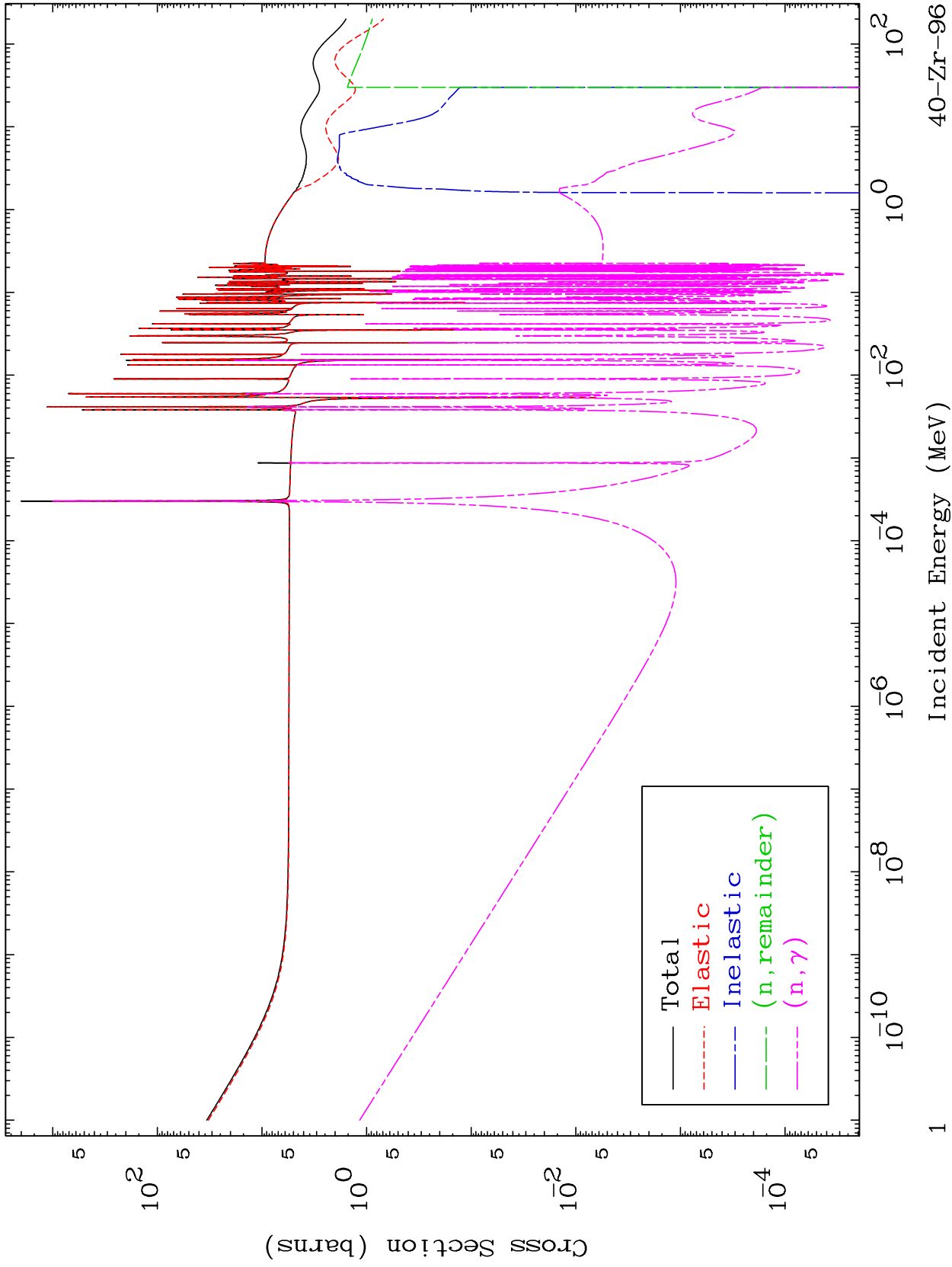
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 4043

Major
293 Kelvin Cross Sections

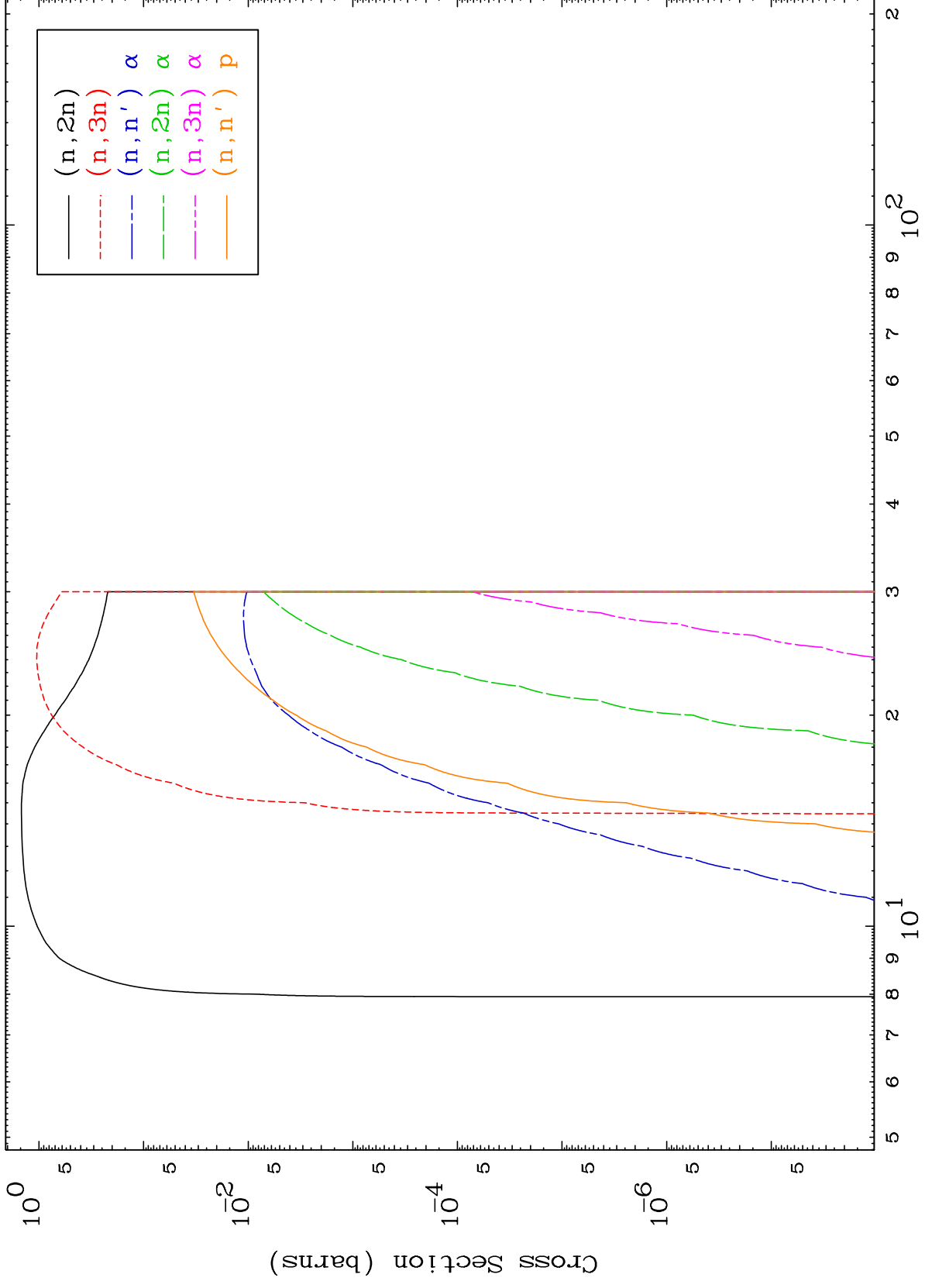
40-Zr-96



MAT 4043

Neutron Production
293 Kelvin Cross Sections

40-Zr-96



2

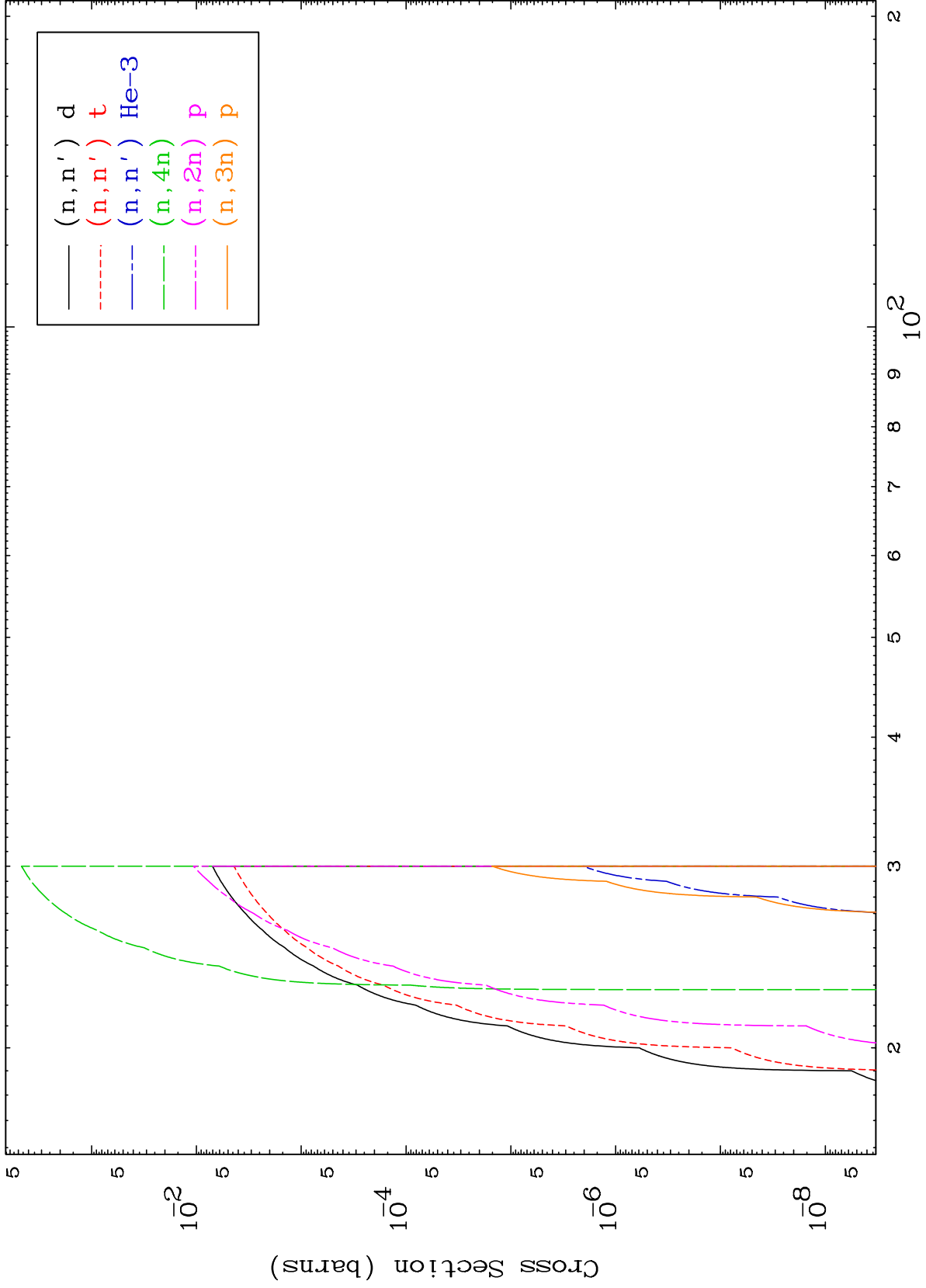
Incident Energy (MeV)

40-Zr-96

MAT 4043

Neutron Production
293 Kelvin Cross Sections

40-Zr-96



3

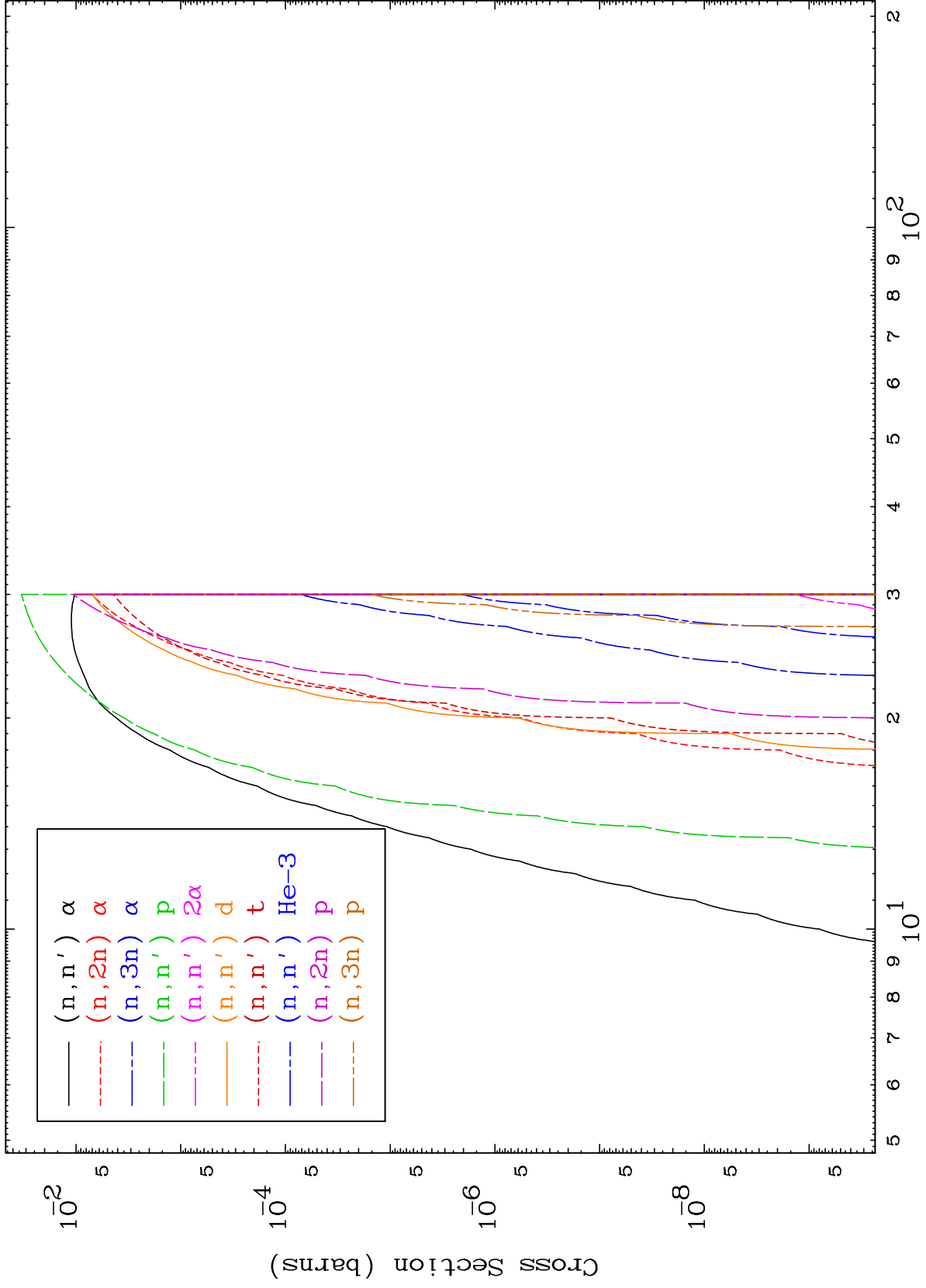
Incident Energy (MeV)

40-Zr-96

MAT 4043

Charged Particle
293 Kelvin Cross Sections

40-Zr-96



4

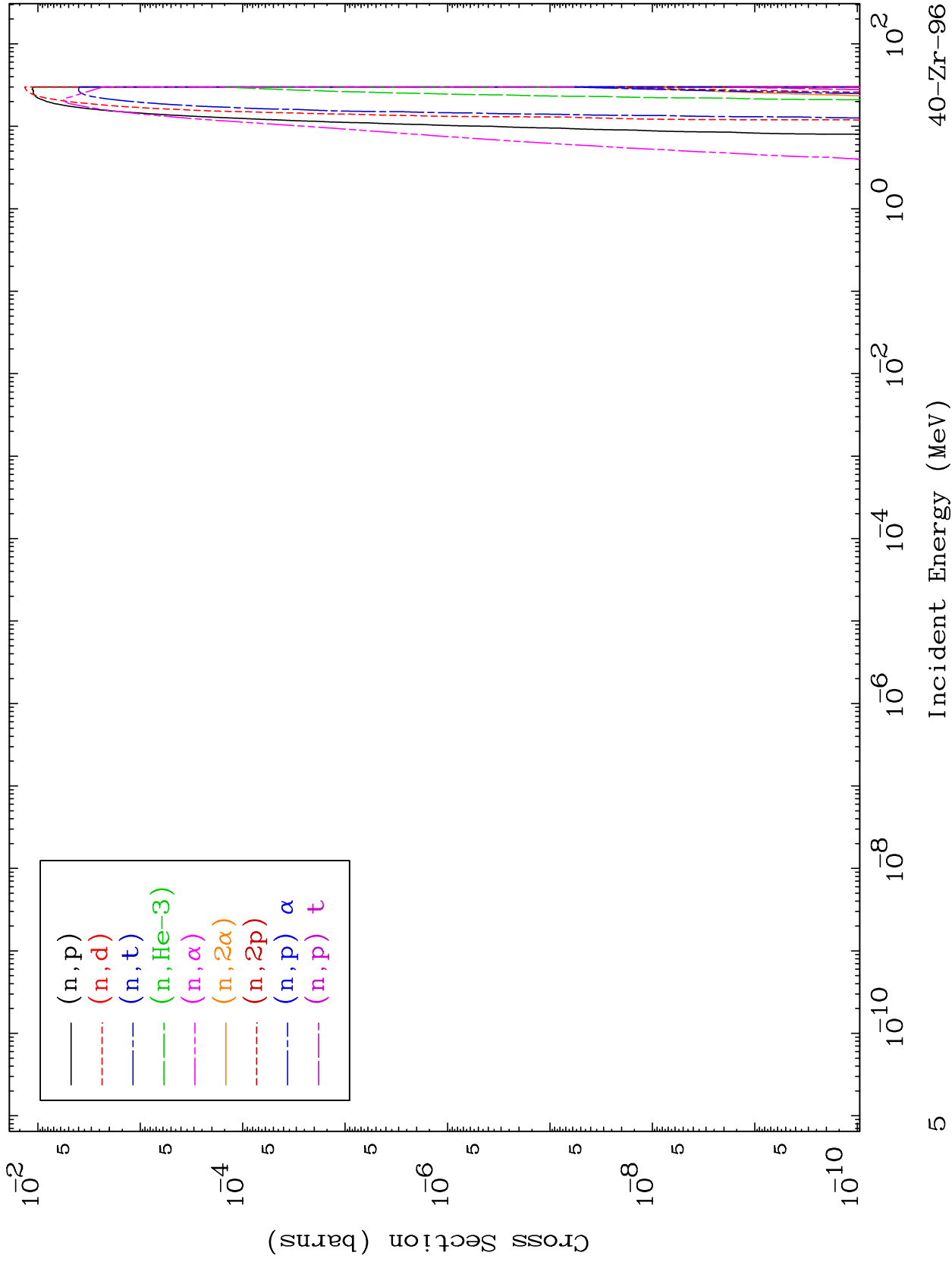
Incident Energy (MeV)

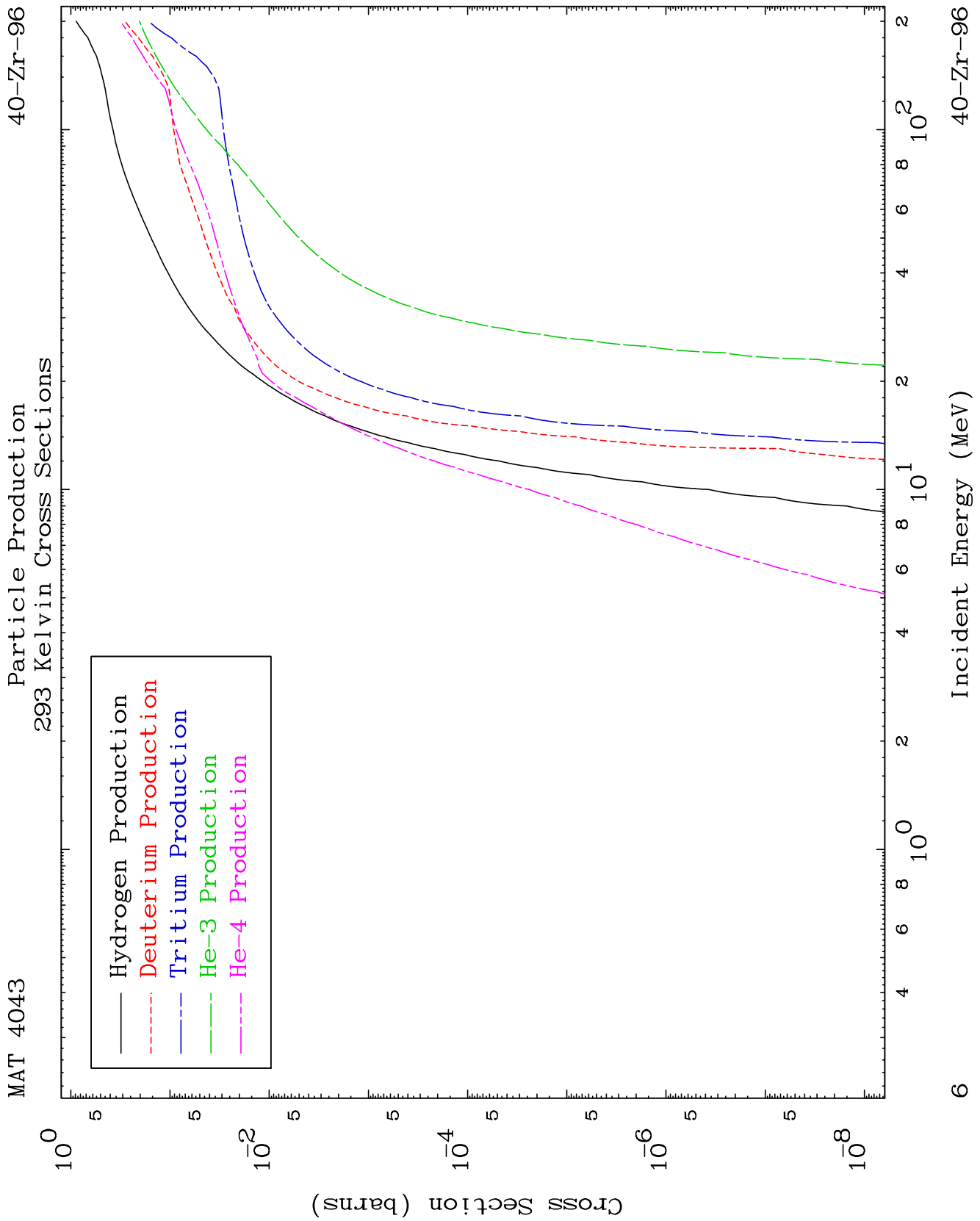
40-Zr-96

MAT 4043

Charged Particle
293 Kelvin Cross Sections

40-Zr-96

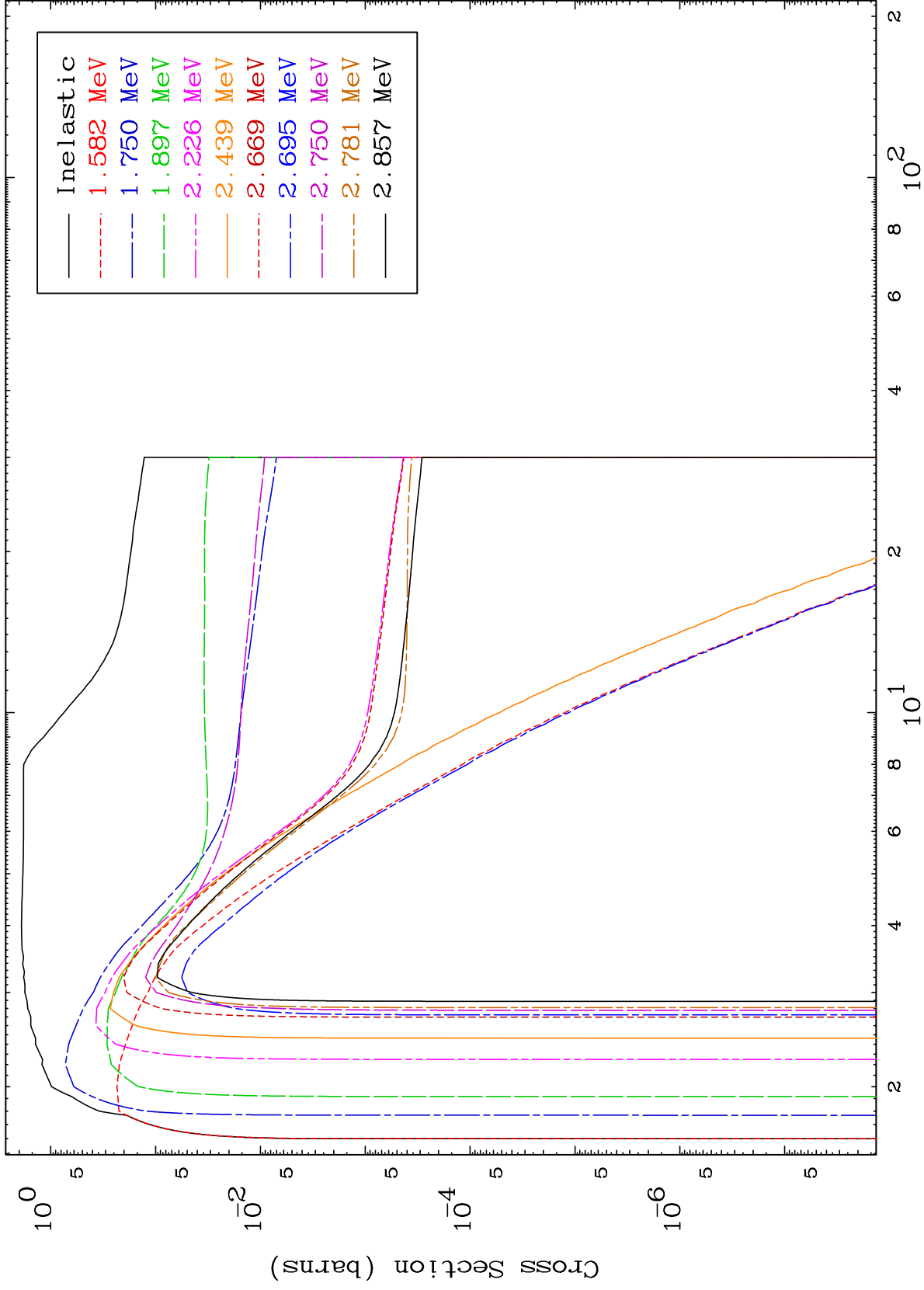




MAT 4043

(n,n') Level
293 Kelvin Cross Sections

40-Zr-96



7

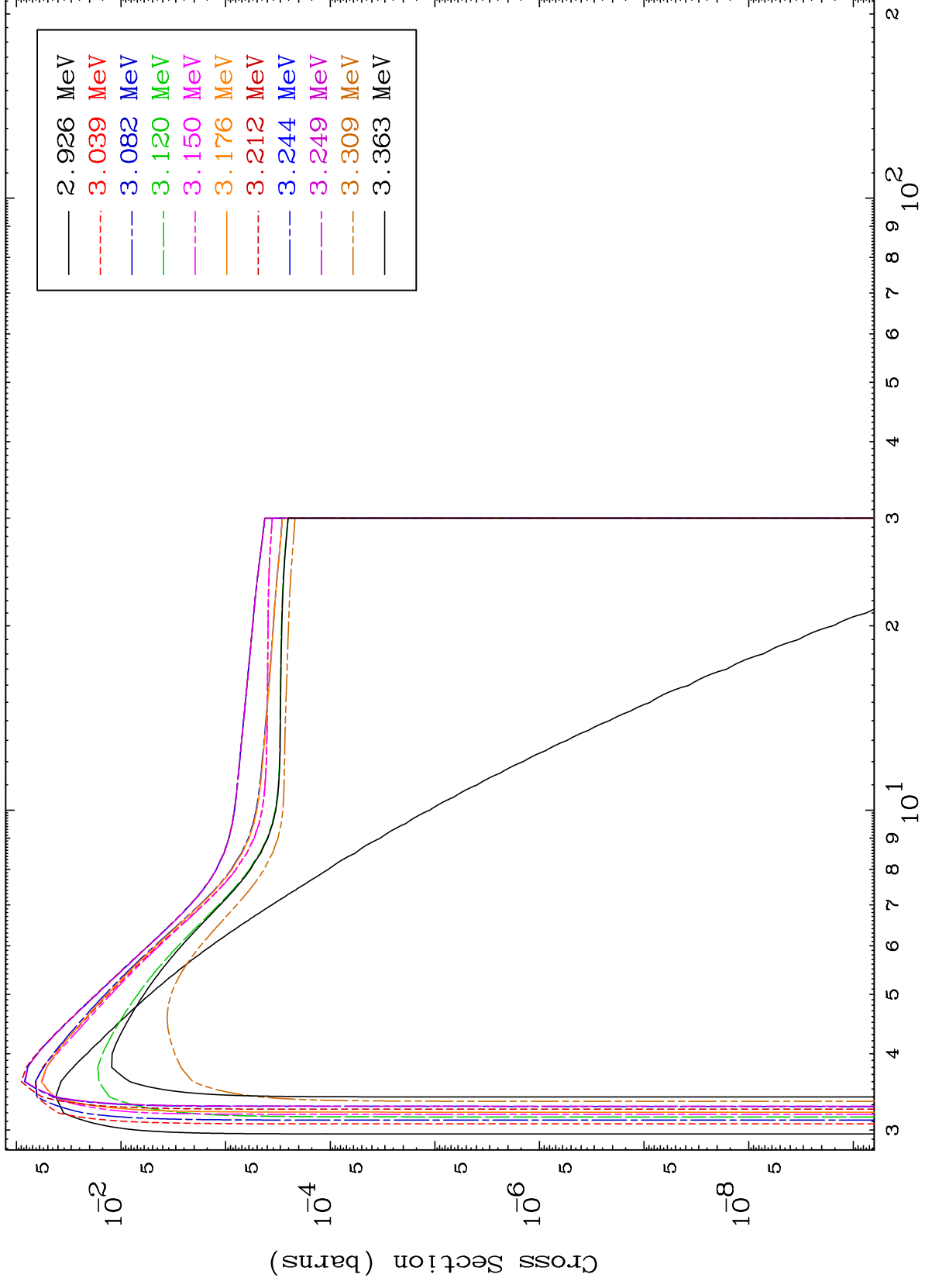
Incident Energy (MeV)

40-Zr-96

MAT 4043

(n,n') Level
293 Kelvin Cross Sections

40-Zr-96



8

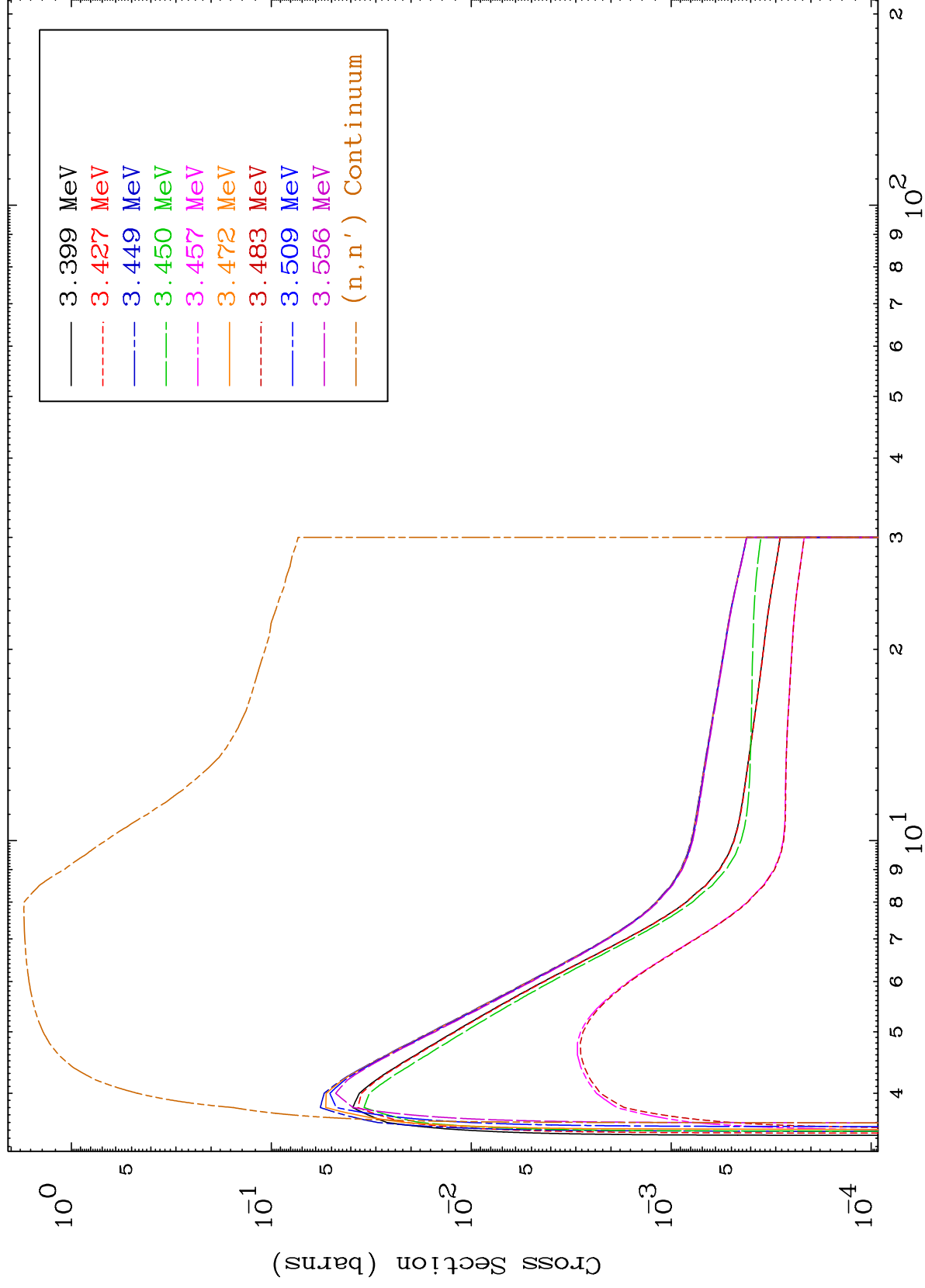
Incident Energy (MeV)

40-Zr-96

MAT 4043

(n,n') Level
293 Kelvin Cross Sections

40-Zr-96



9

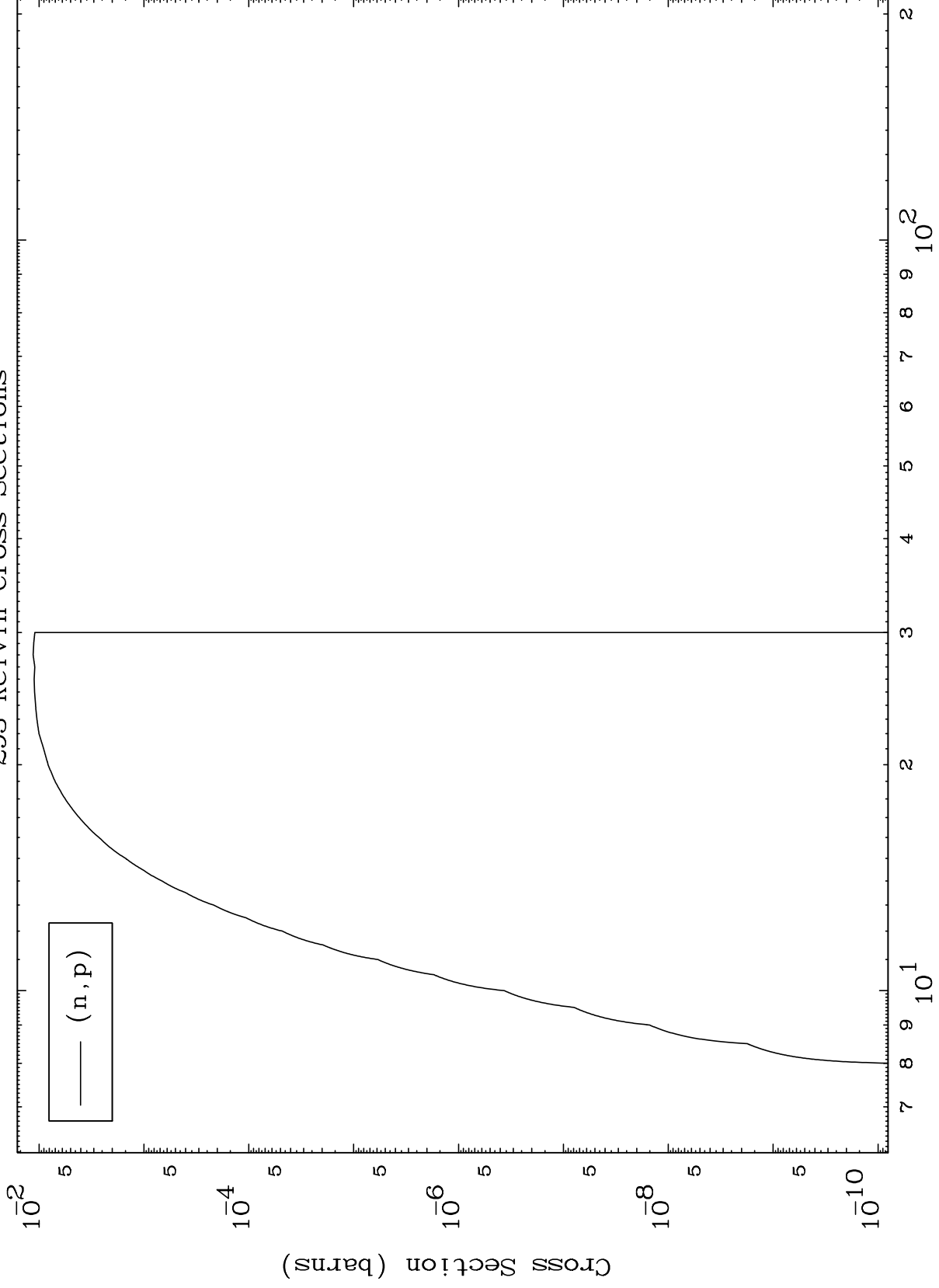
Incident Energy (MeV)

40-Zr-96

MAT 4043

(n,p) Levels
293 Kelvin Cross Sections

40-Zr-96



10

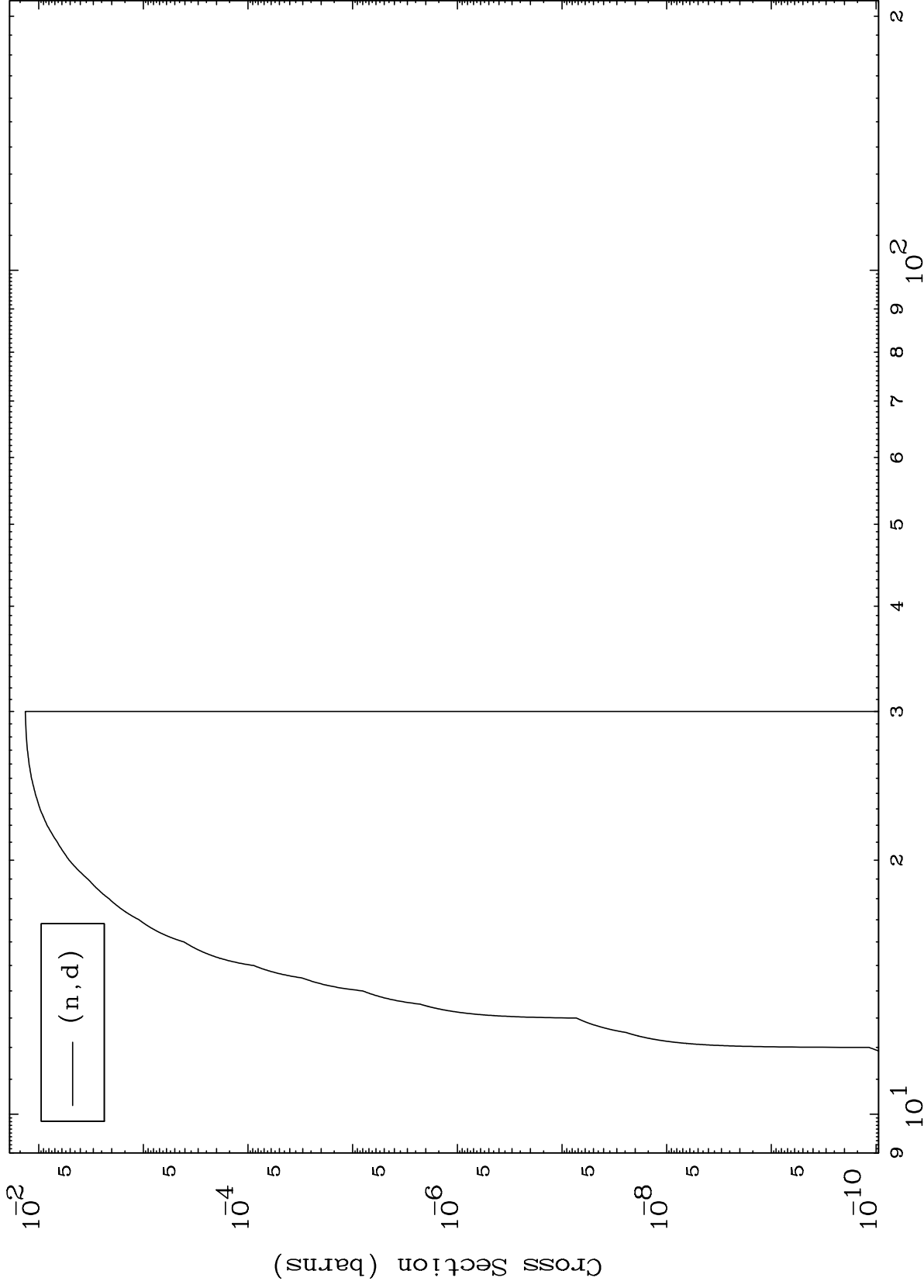
Incident Energy (MeV)

40-Zr-96

MAT 4043

(n,d) Levels
293 Kelvin Cross Sections

40-Zr-96



11

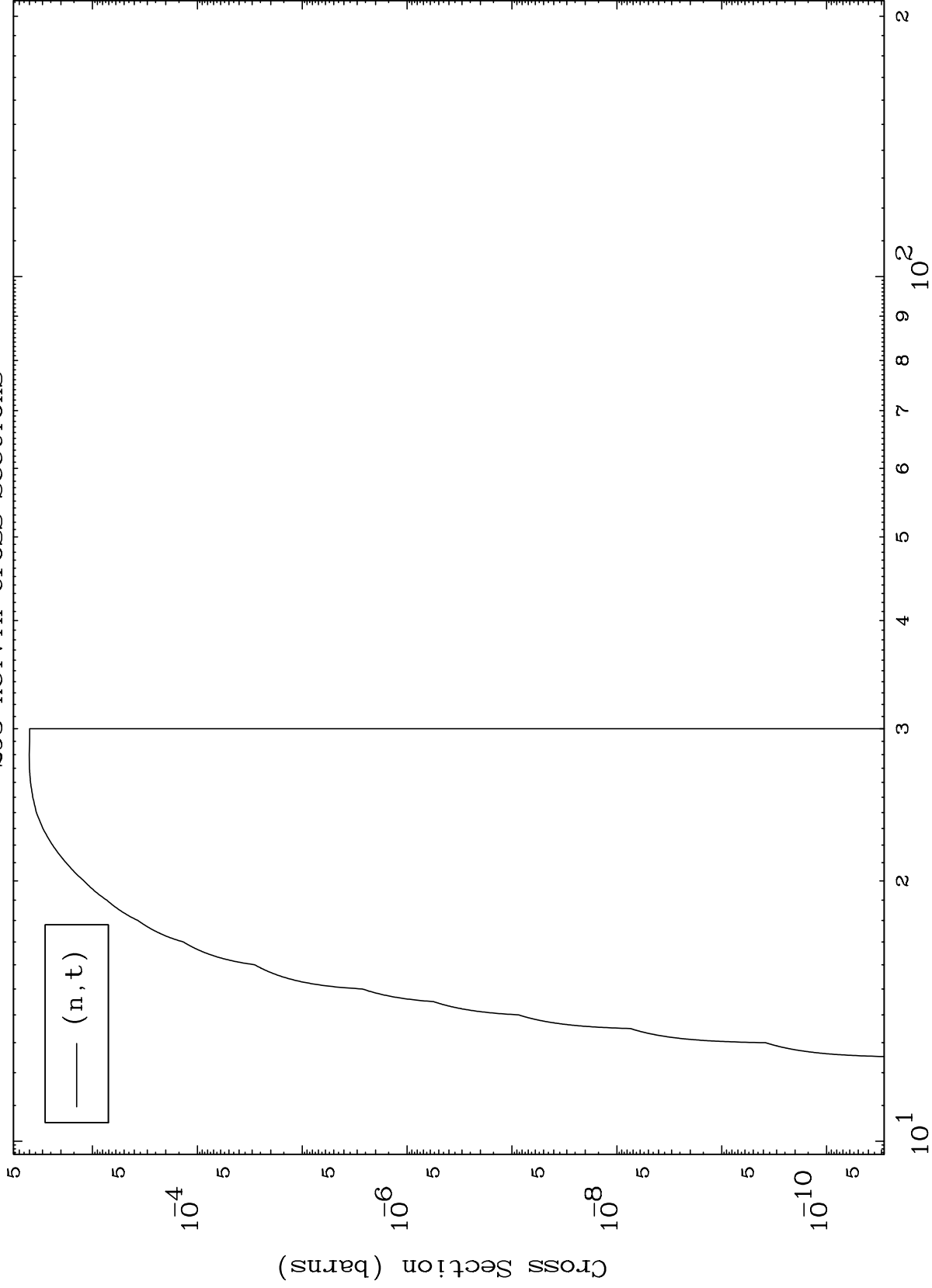
Incident Energy (MeV)

40-Zr-96

MAT 4043

(n,t) Levels
293 Kelvin Cross Sections

40-Zr-96



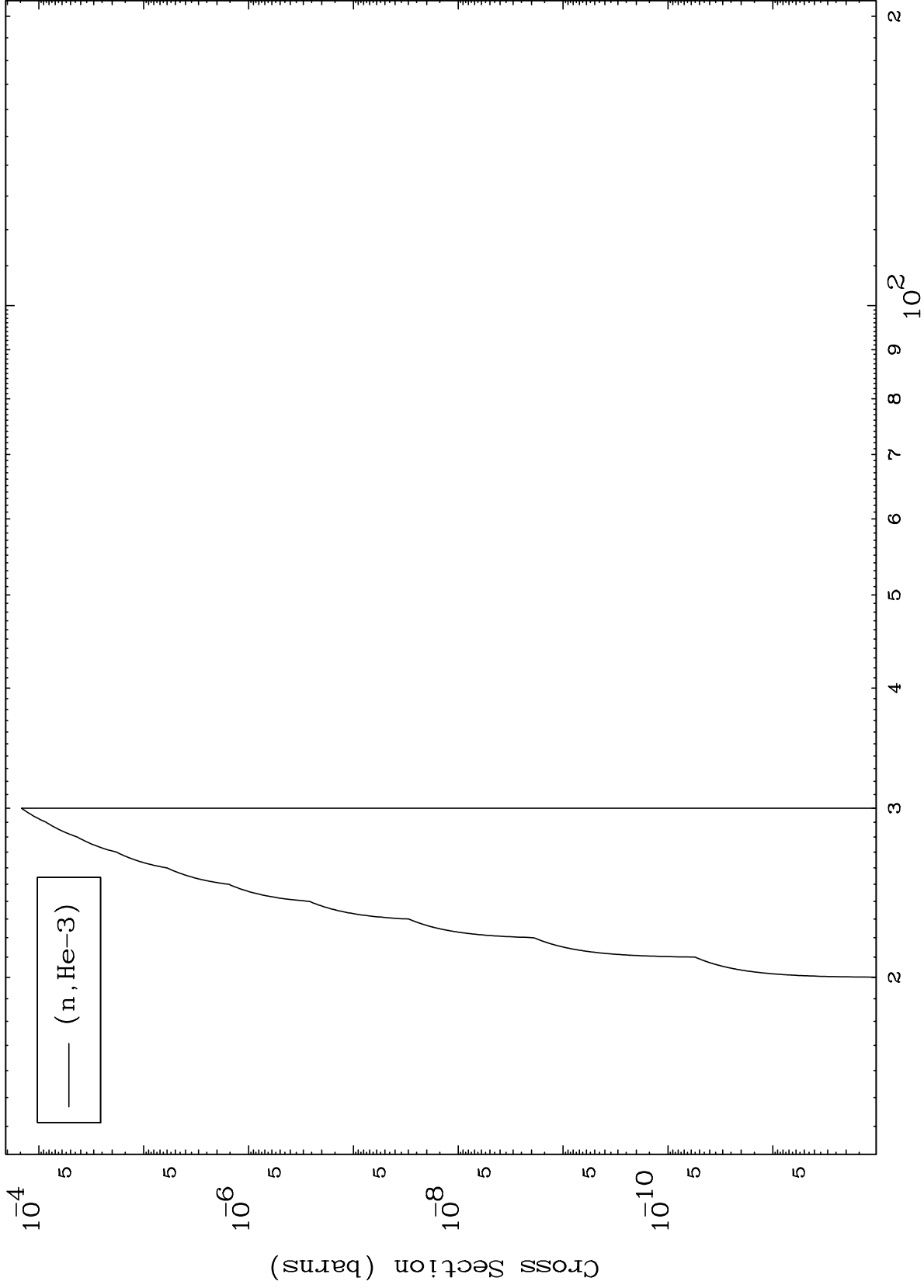
Incident Energy (MeV)

40-Zr-96

MAT 4043

(n,He3) Levels
293 Kelvin Cross Sections

40-Zr-96



13

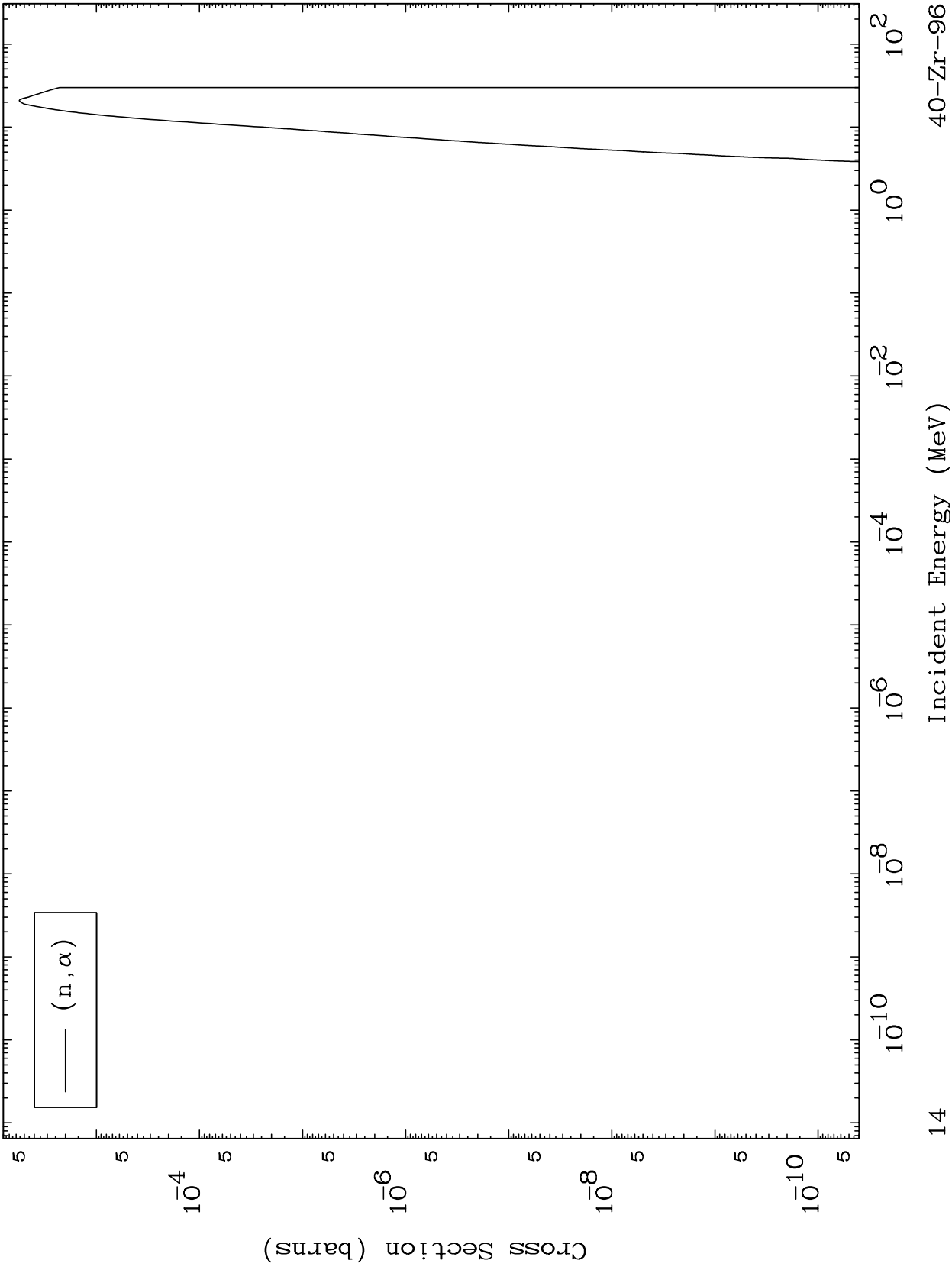
Incident Energy (MeV)

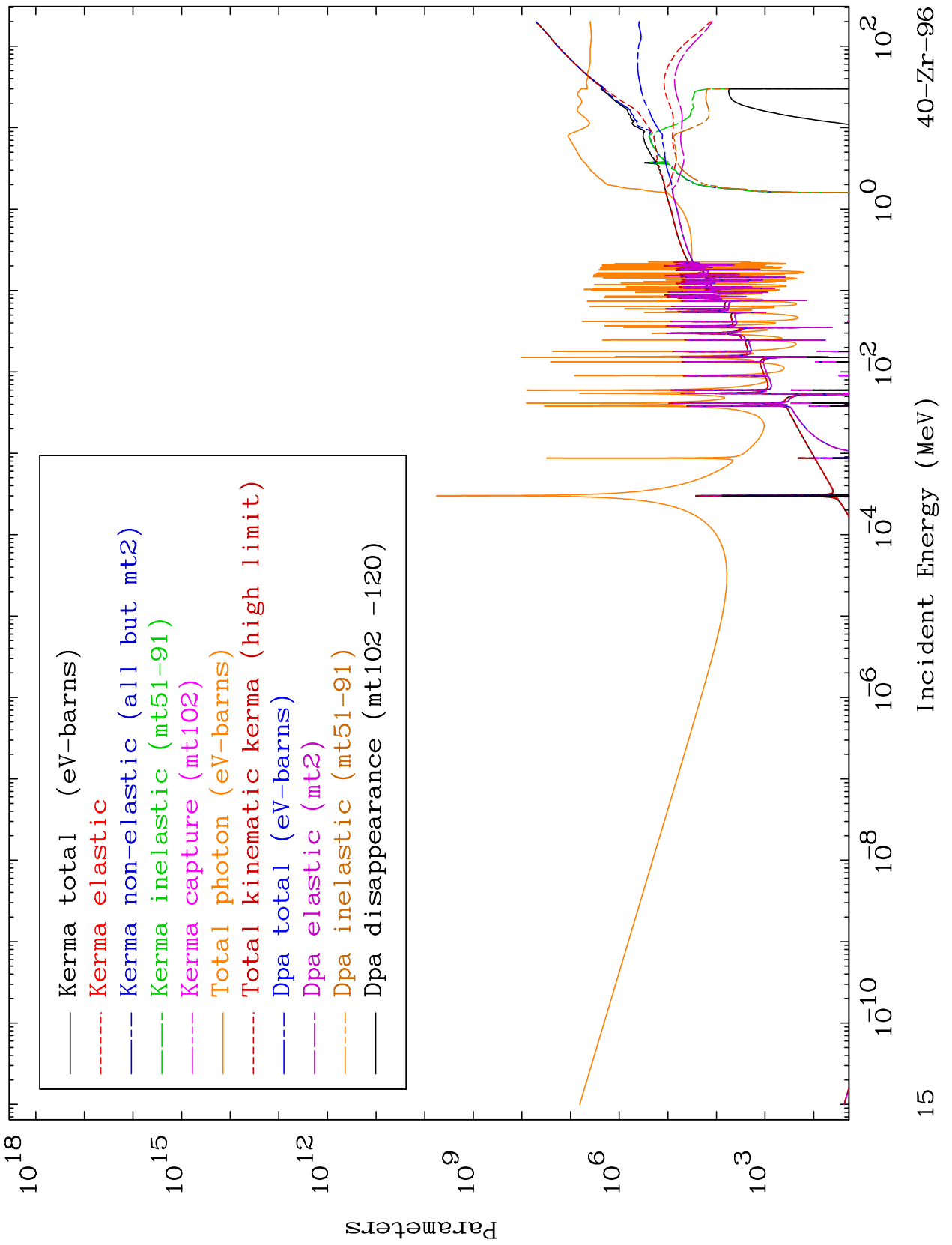
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MAT 4043

(n, α) Levels
293 Kelvin Cross Sections

40-Zr-96

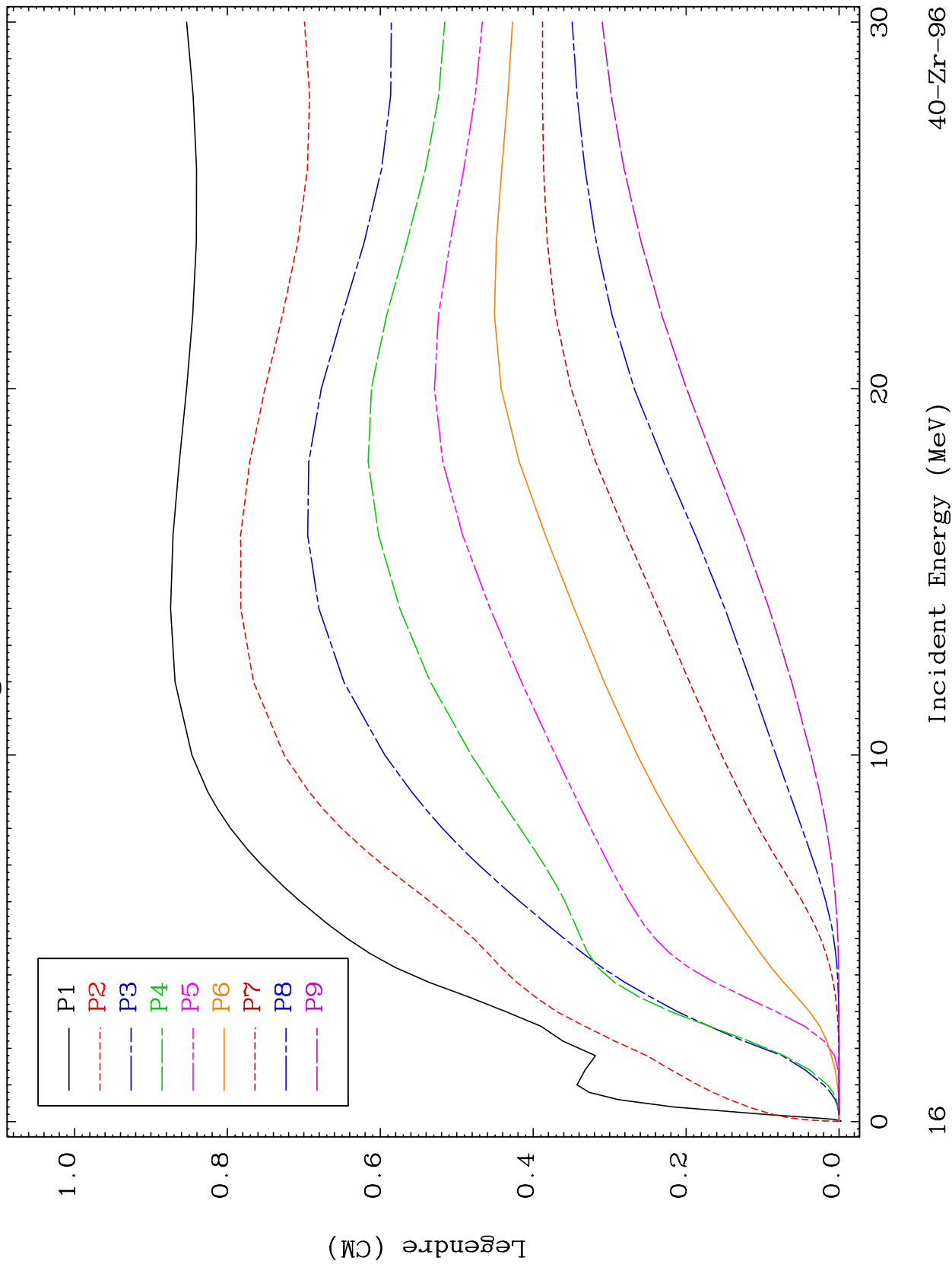




MAT 4043

Elastic Legendre Coefficients

40-Zr-96



40-Zr-96

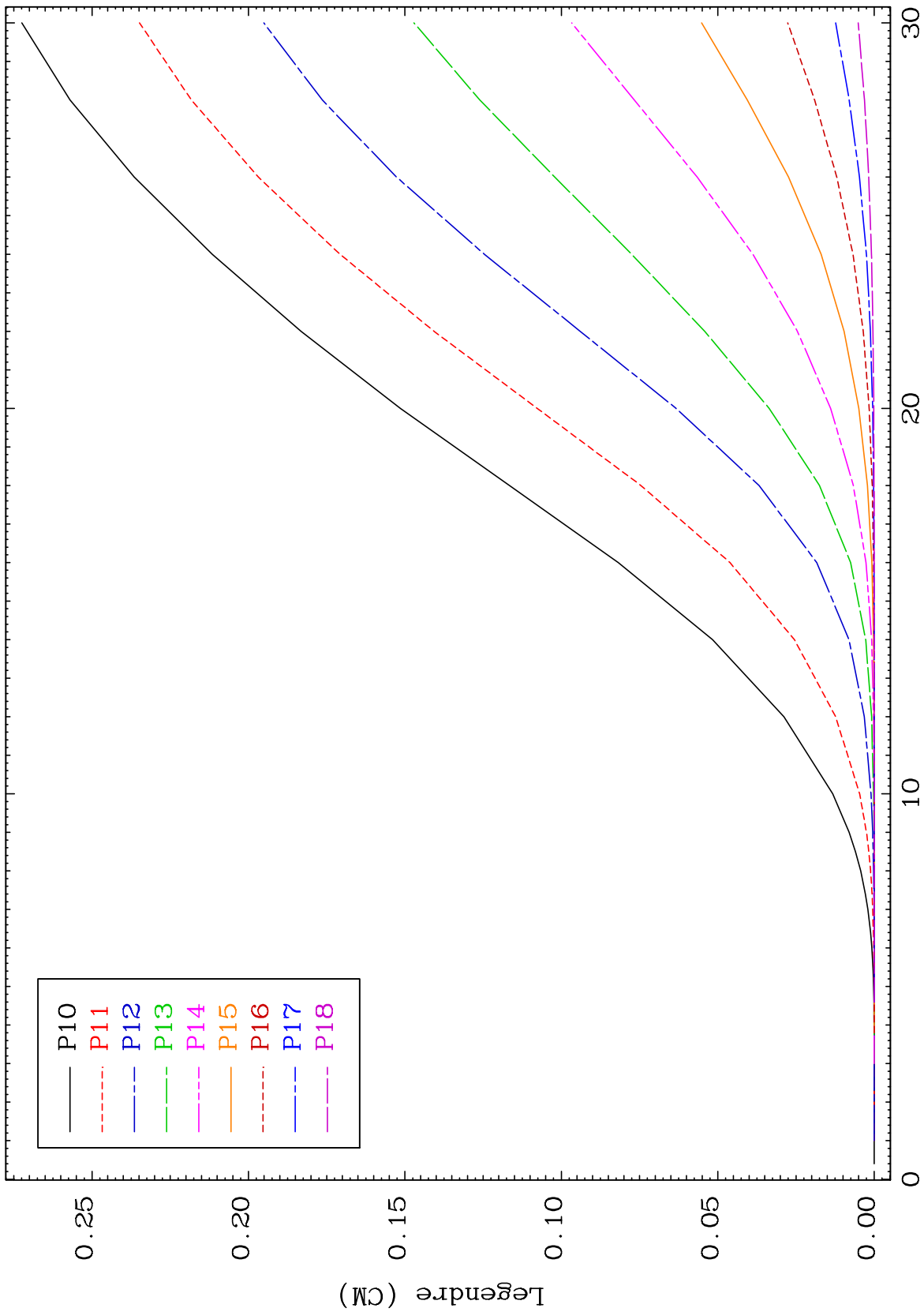
Incident Energy (MeV)

16

MAT 4043

Elastic Legendre Coefficients

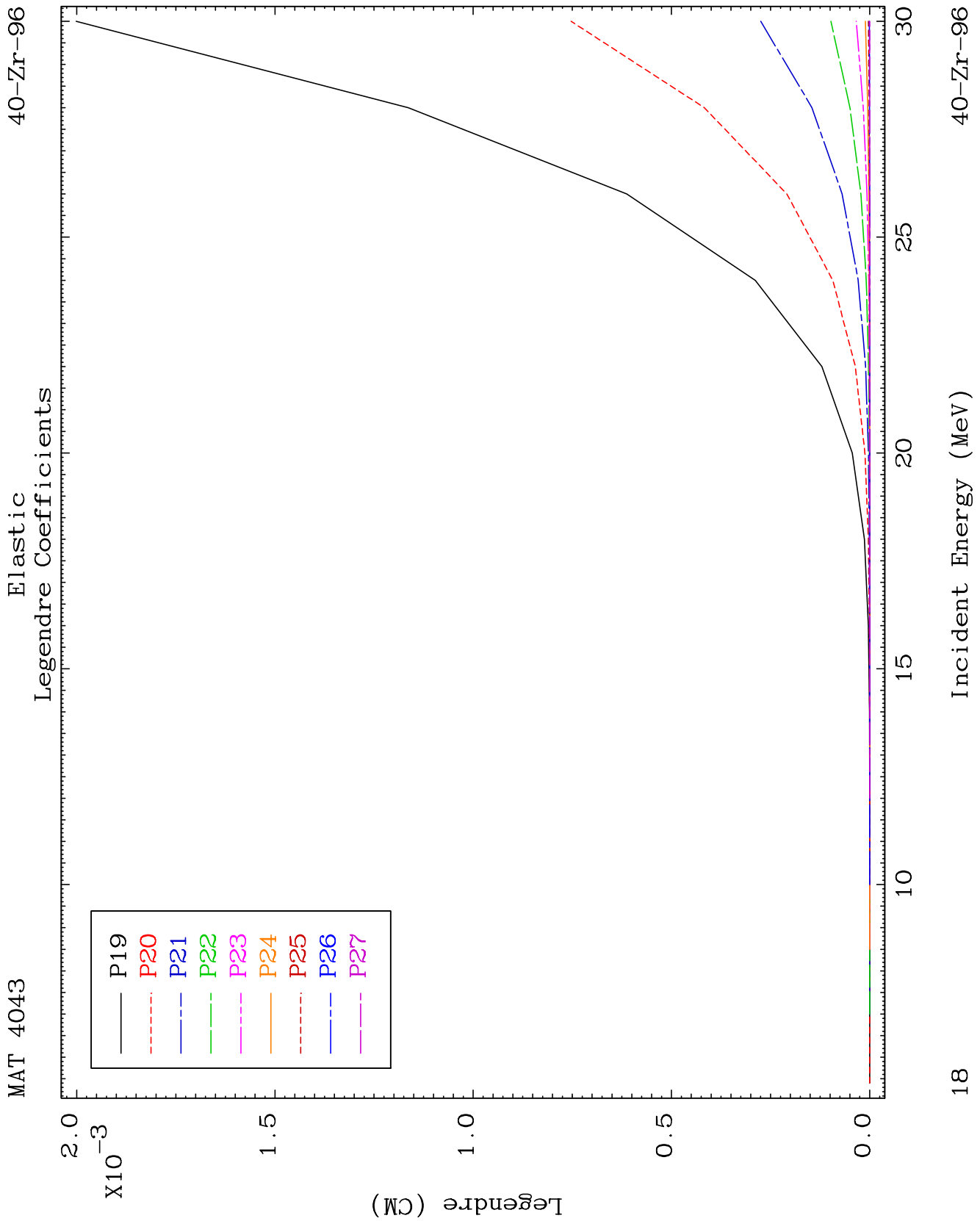
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17

Incident Energy (MeV)

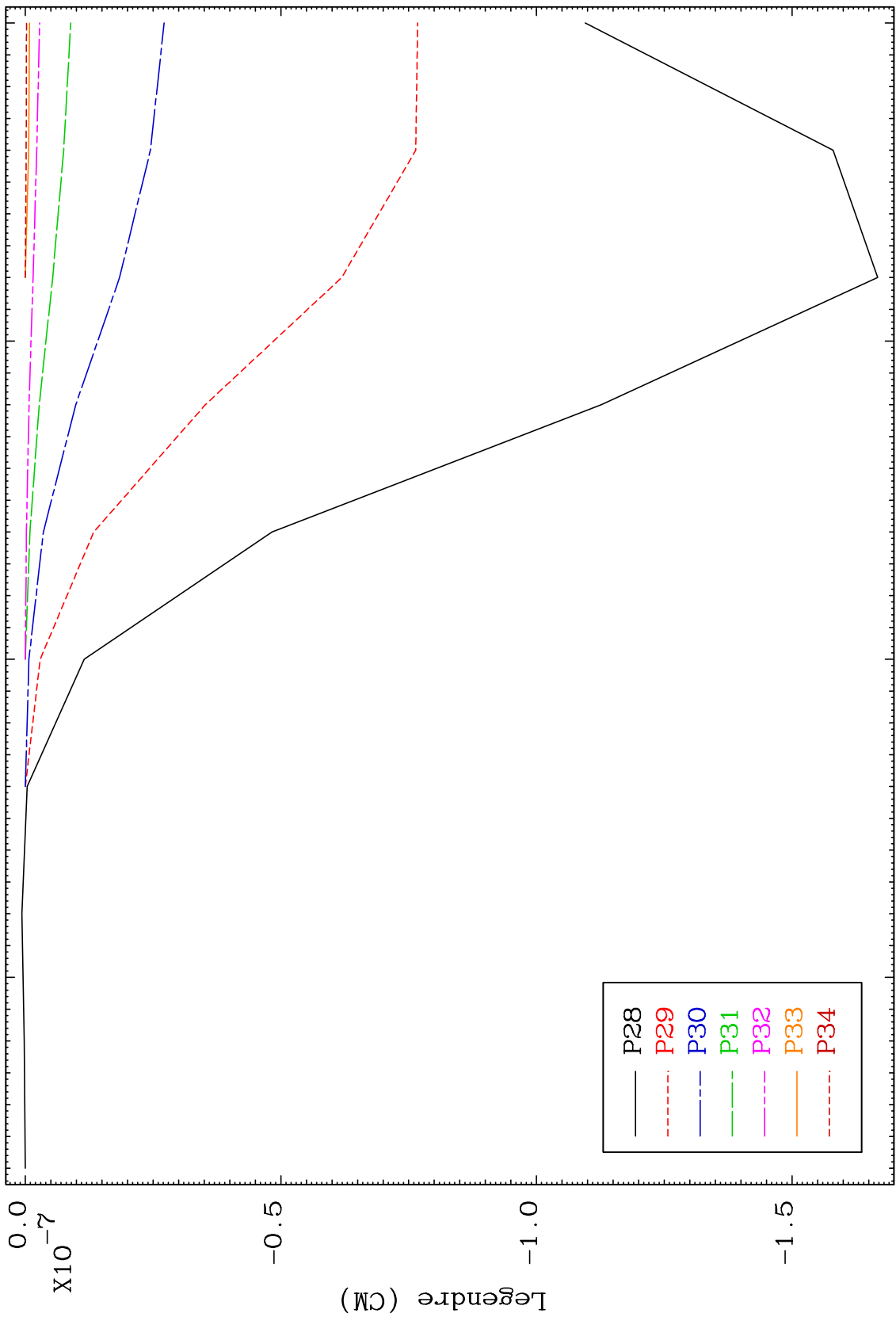
40-Zr-96



MAT 4043

40-Zr-96

Elastic Legendre Coefficients



Legendre (CM)
 $\times 10^{-7}$

30

25

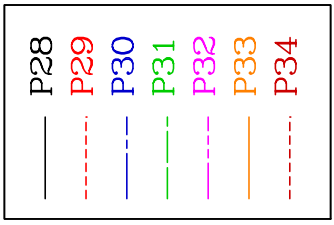
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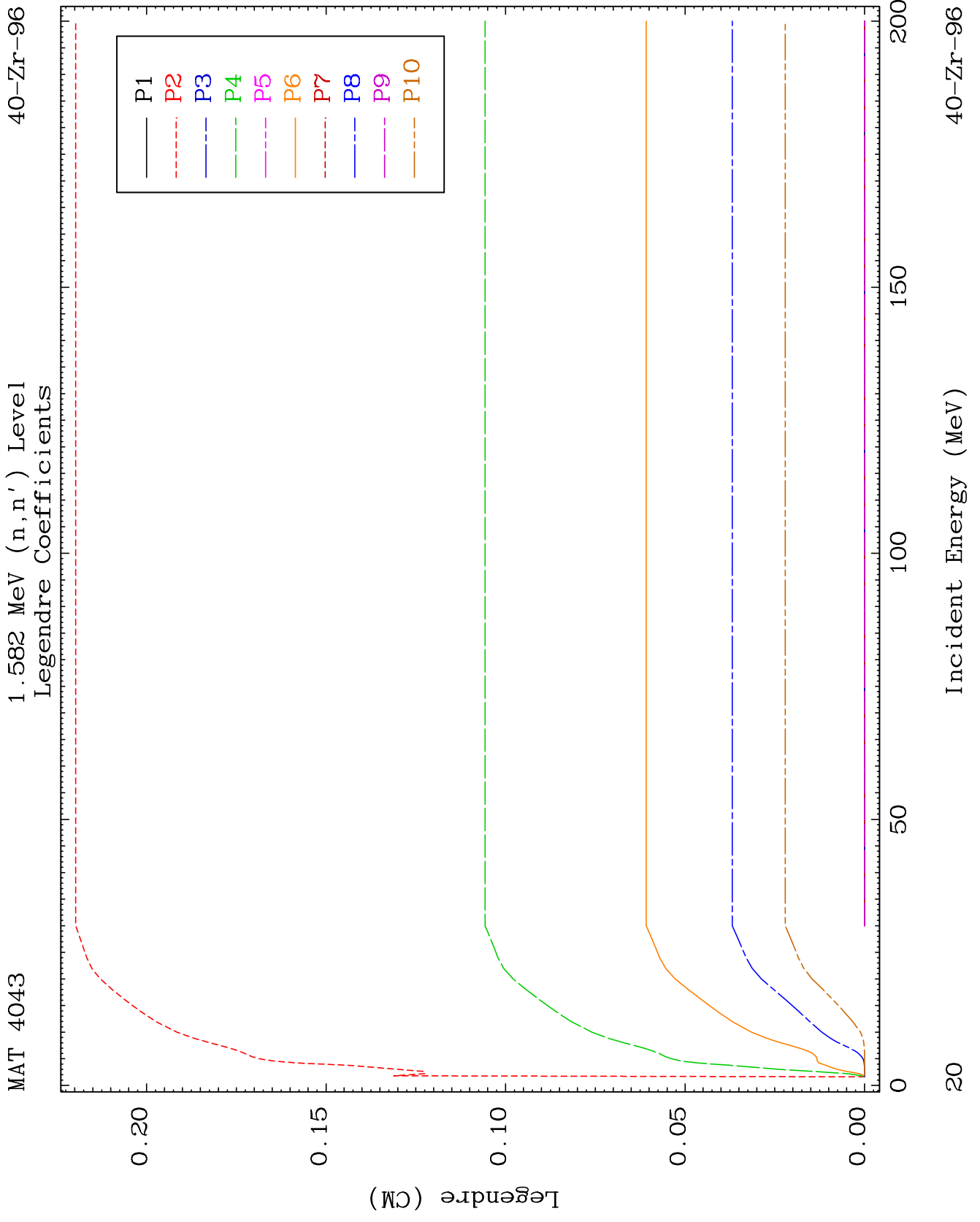
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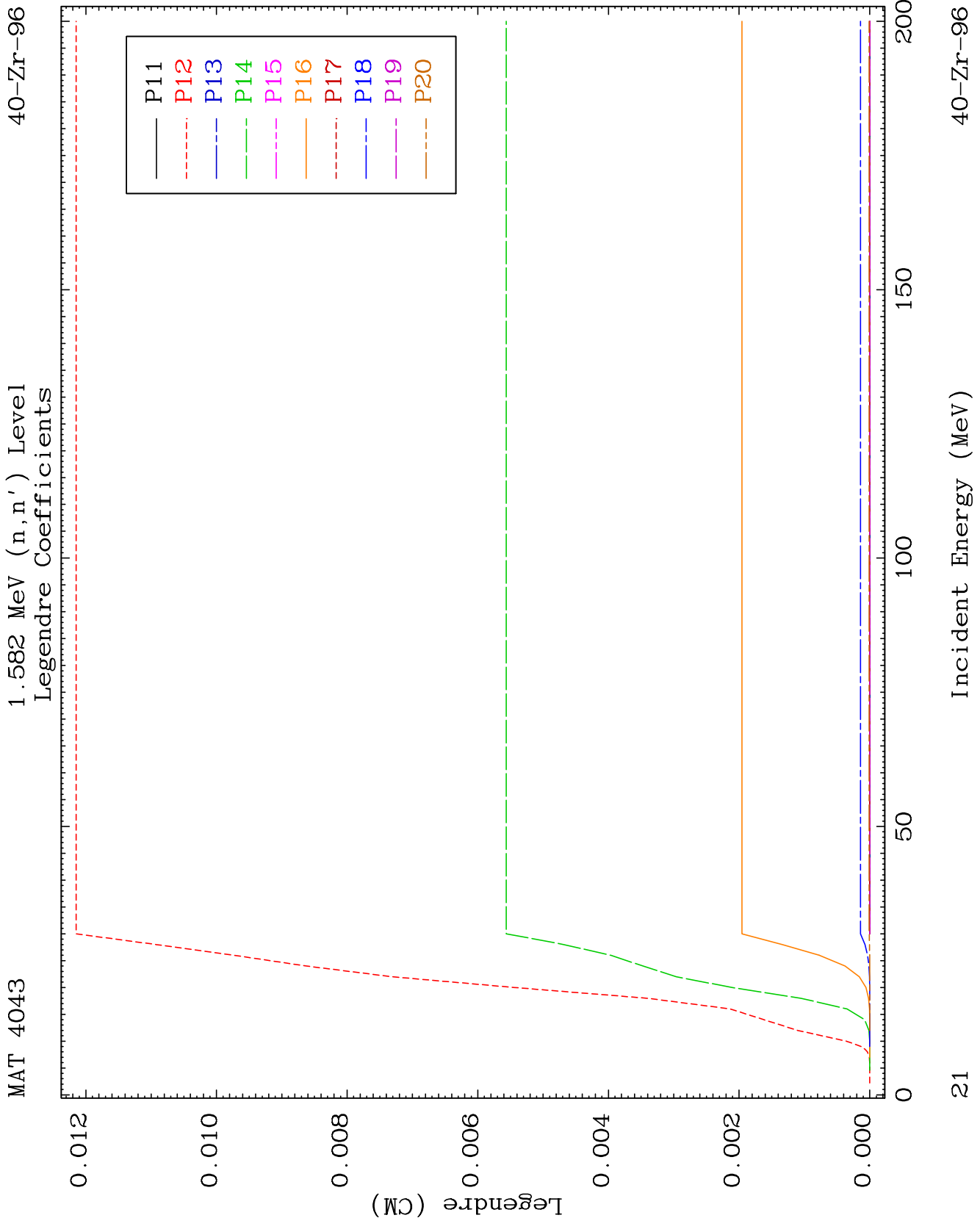
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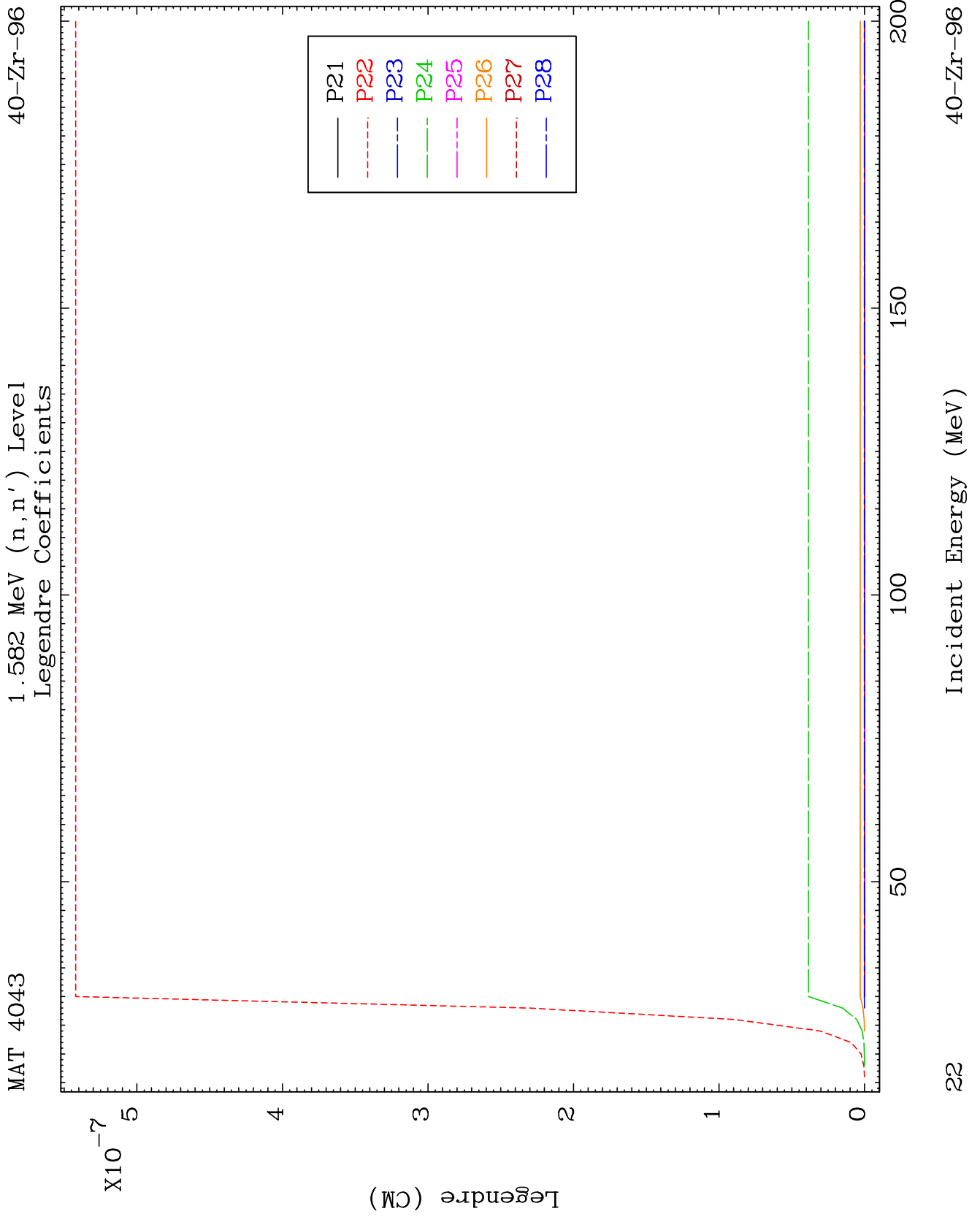
Incident Energy (MeV)

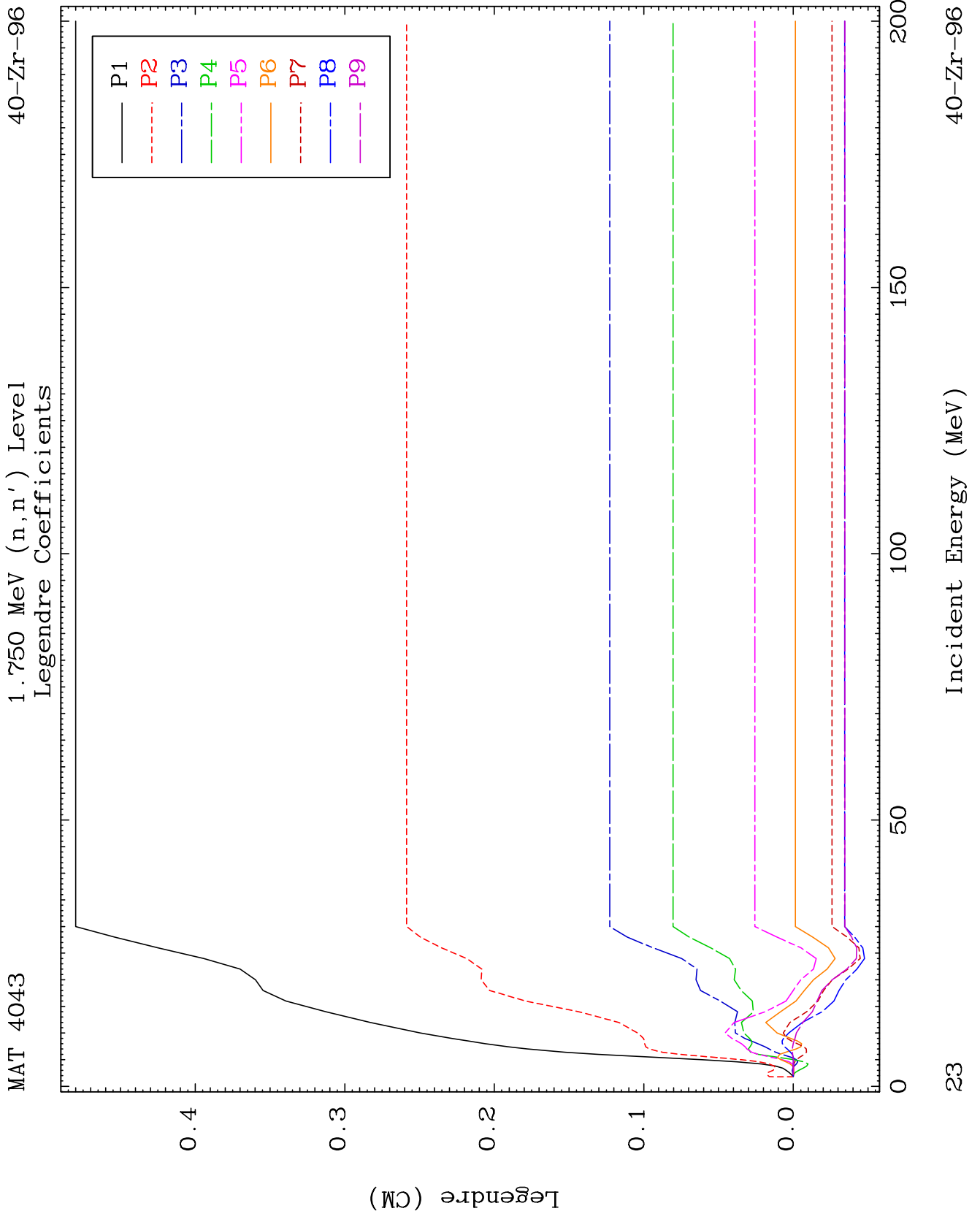
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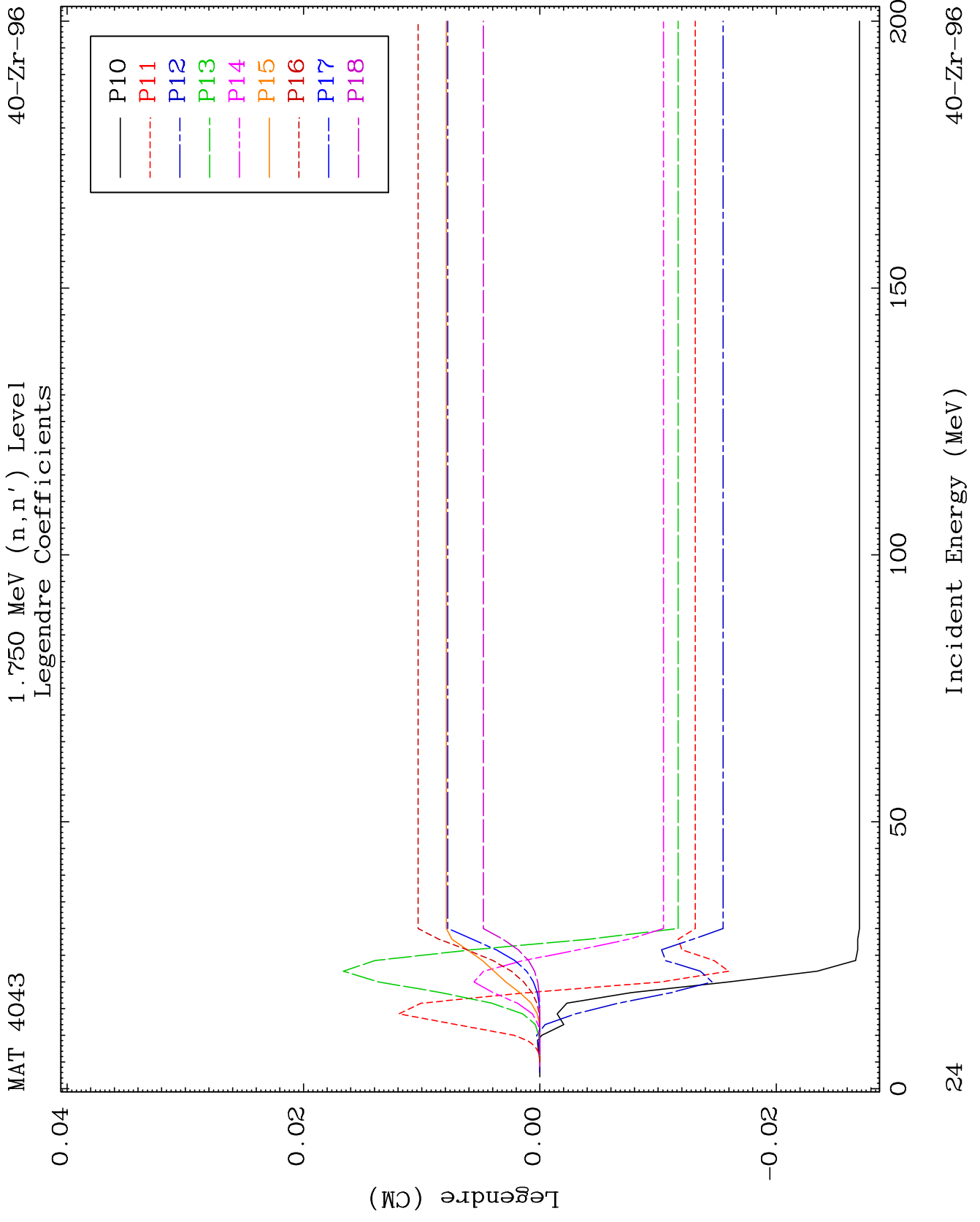


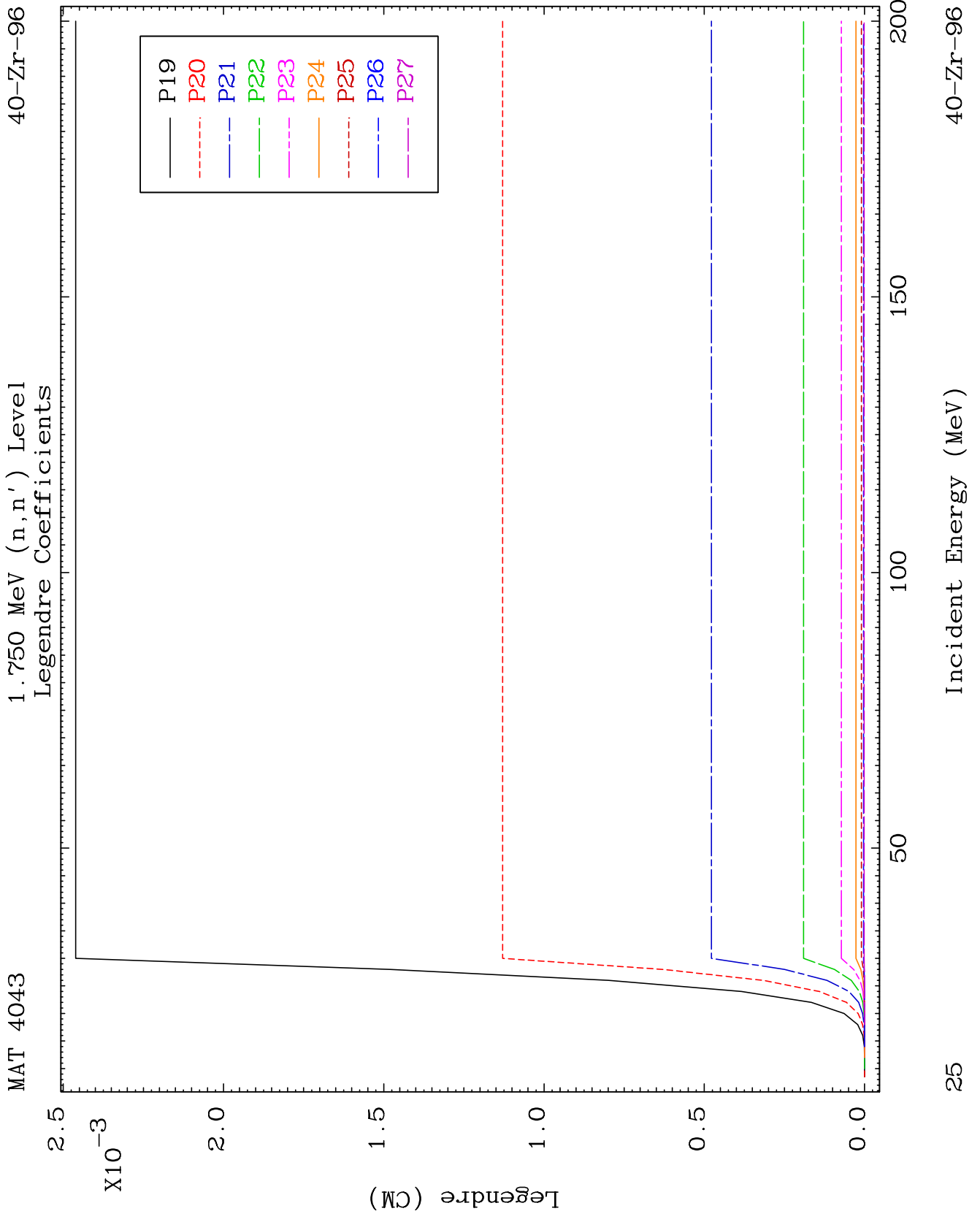


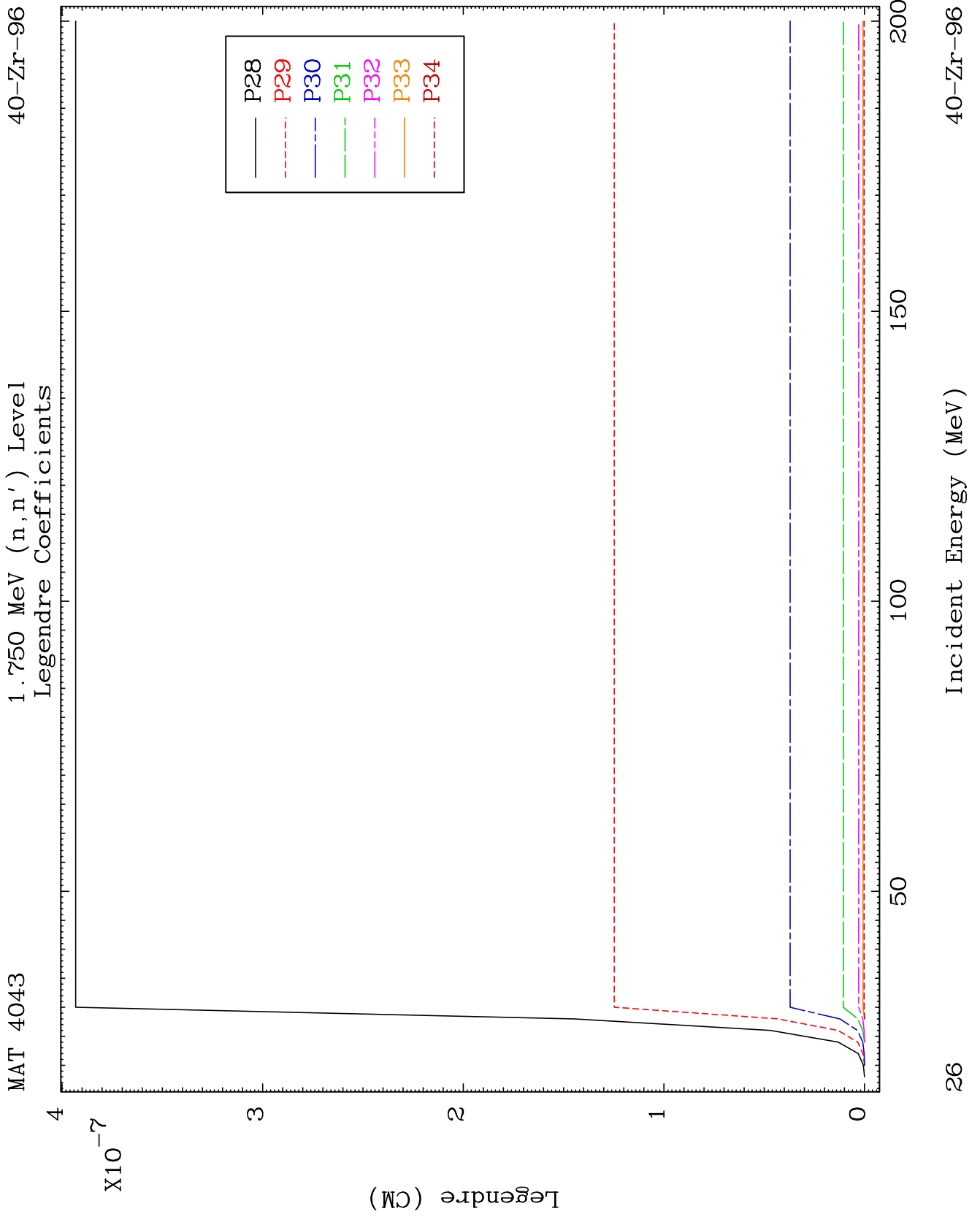








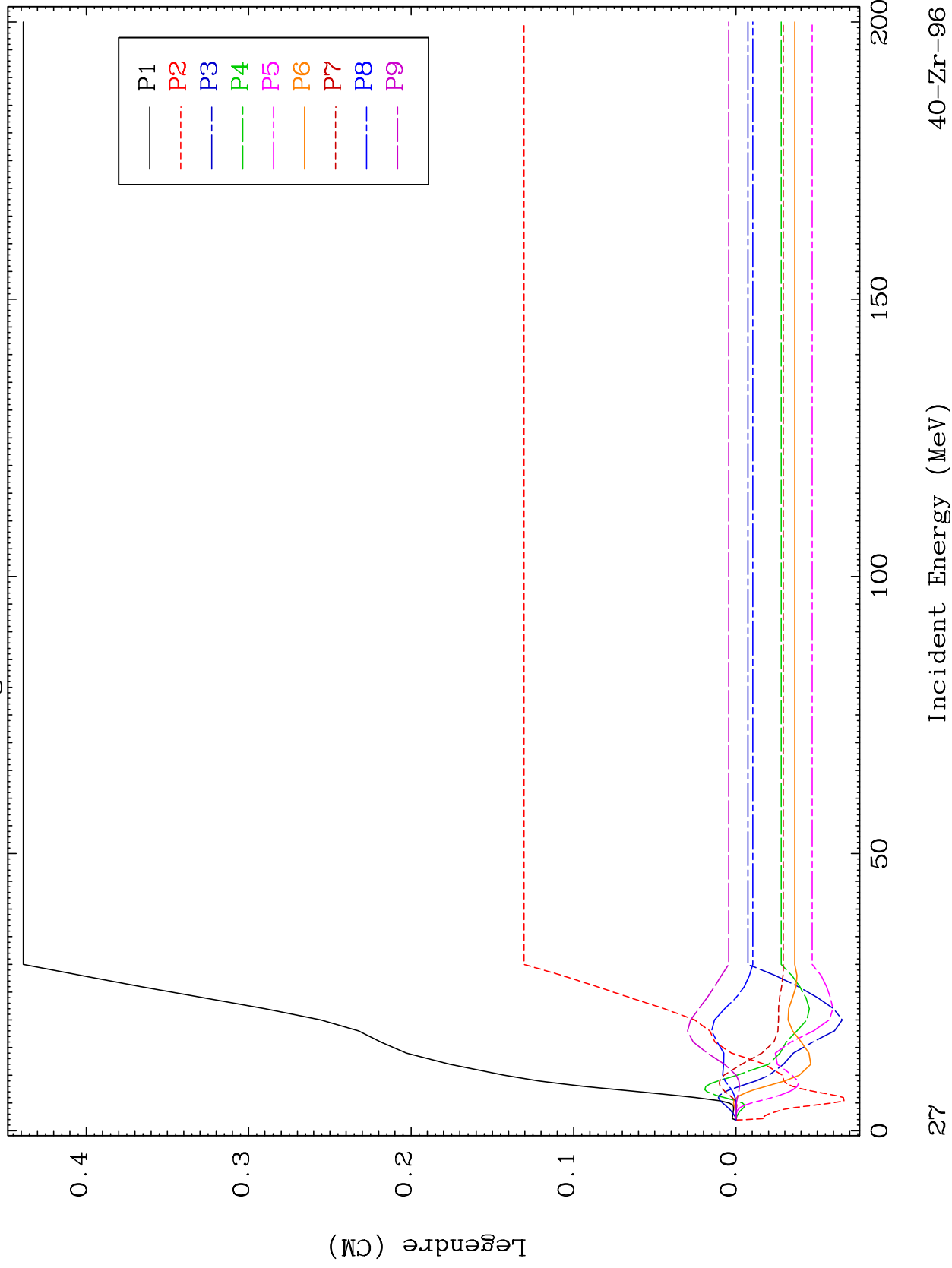




MAT 4043

1.897 MeV (n,n') Level
Legendre Coefficients

40-Zr-96



40-Zr-96

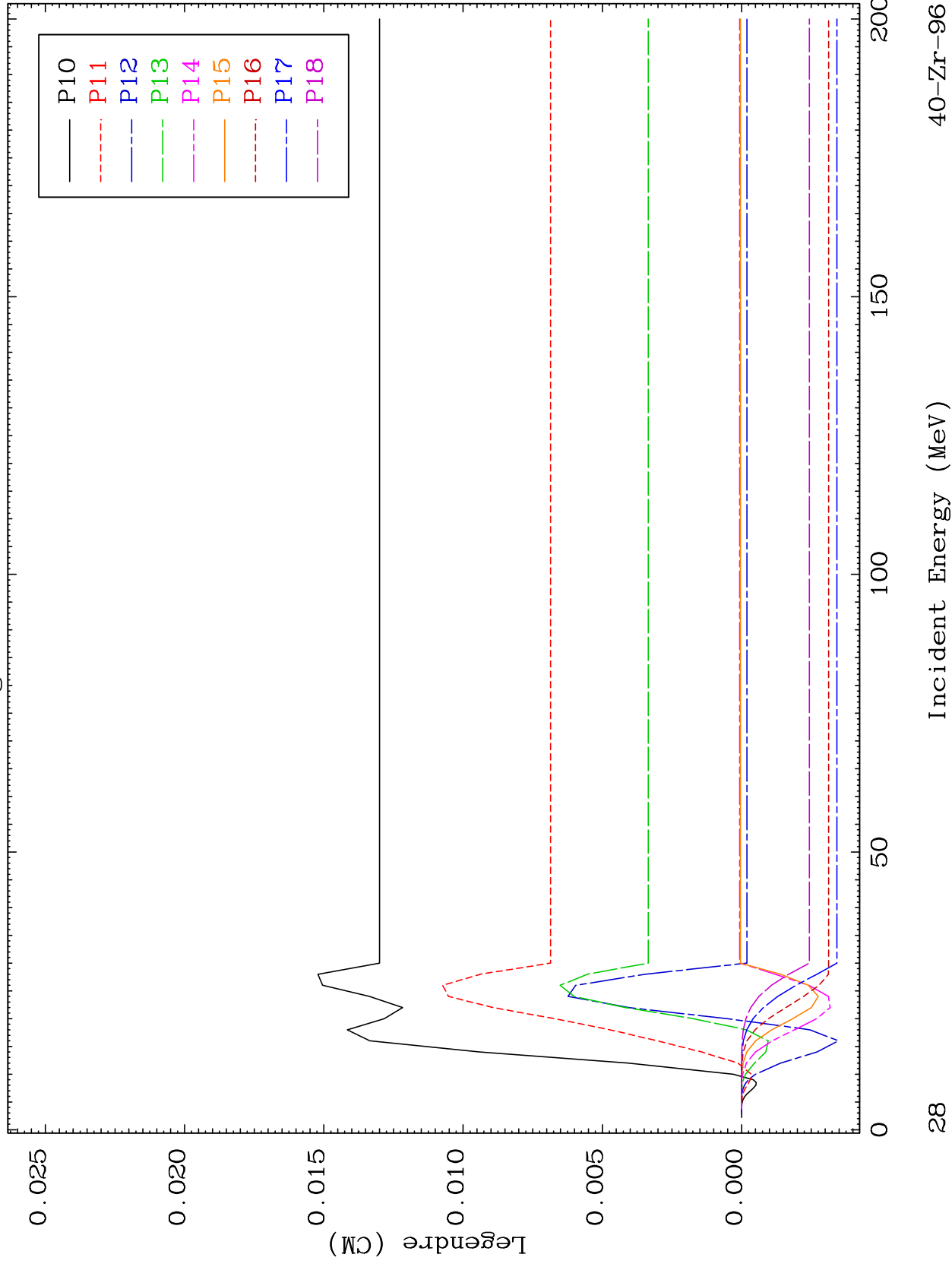
Incident Energy (MeV)

27

MAT 4043

1.897 MeV (n,n') Level
Legendre Coefficients

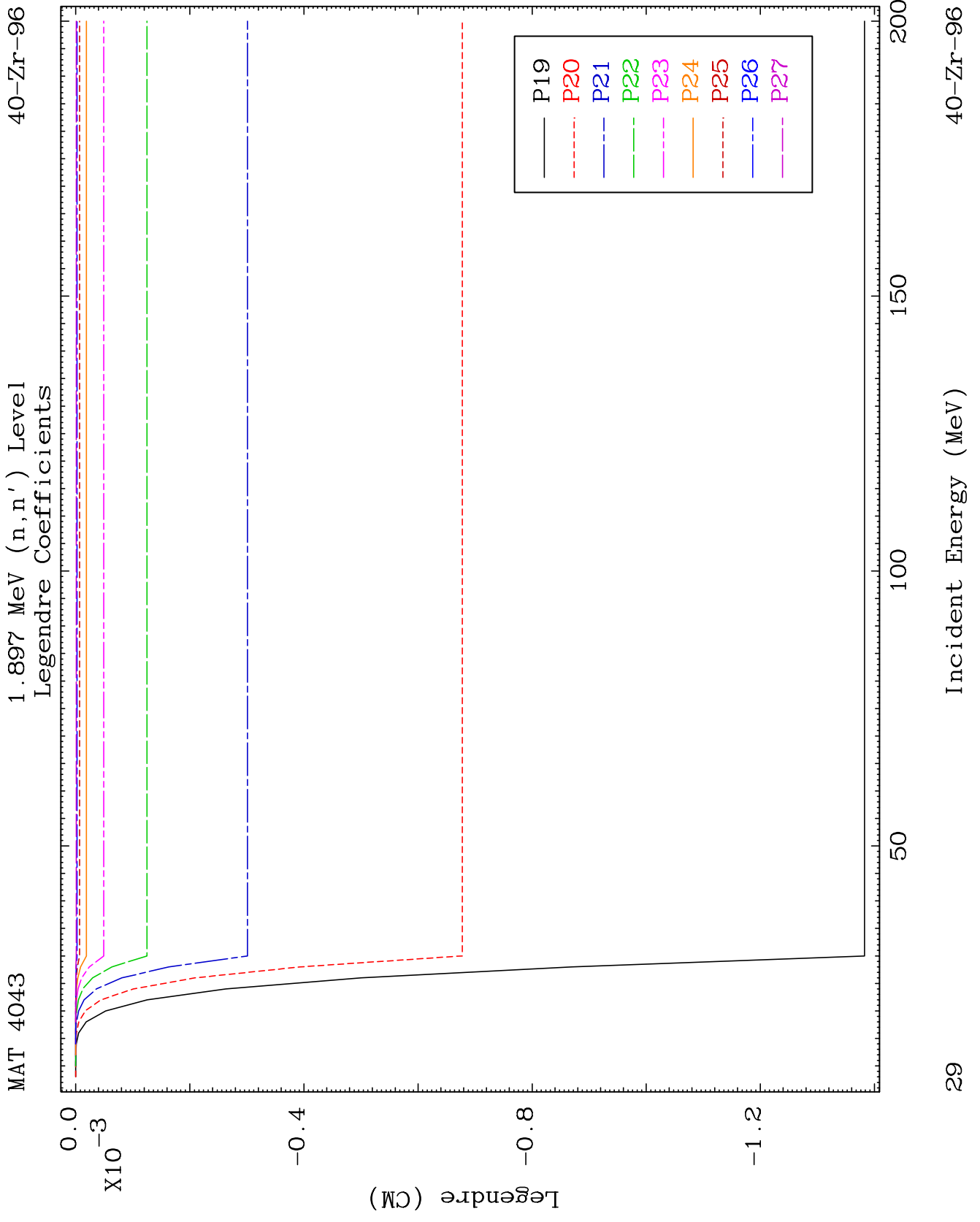
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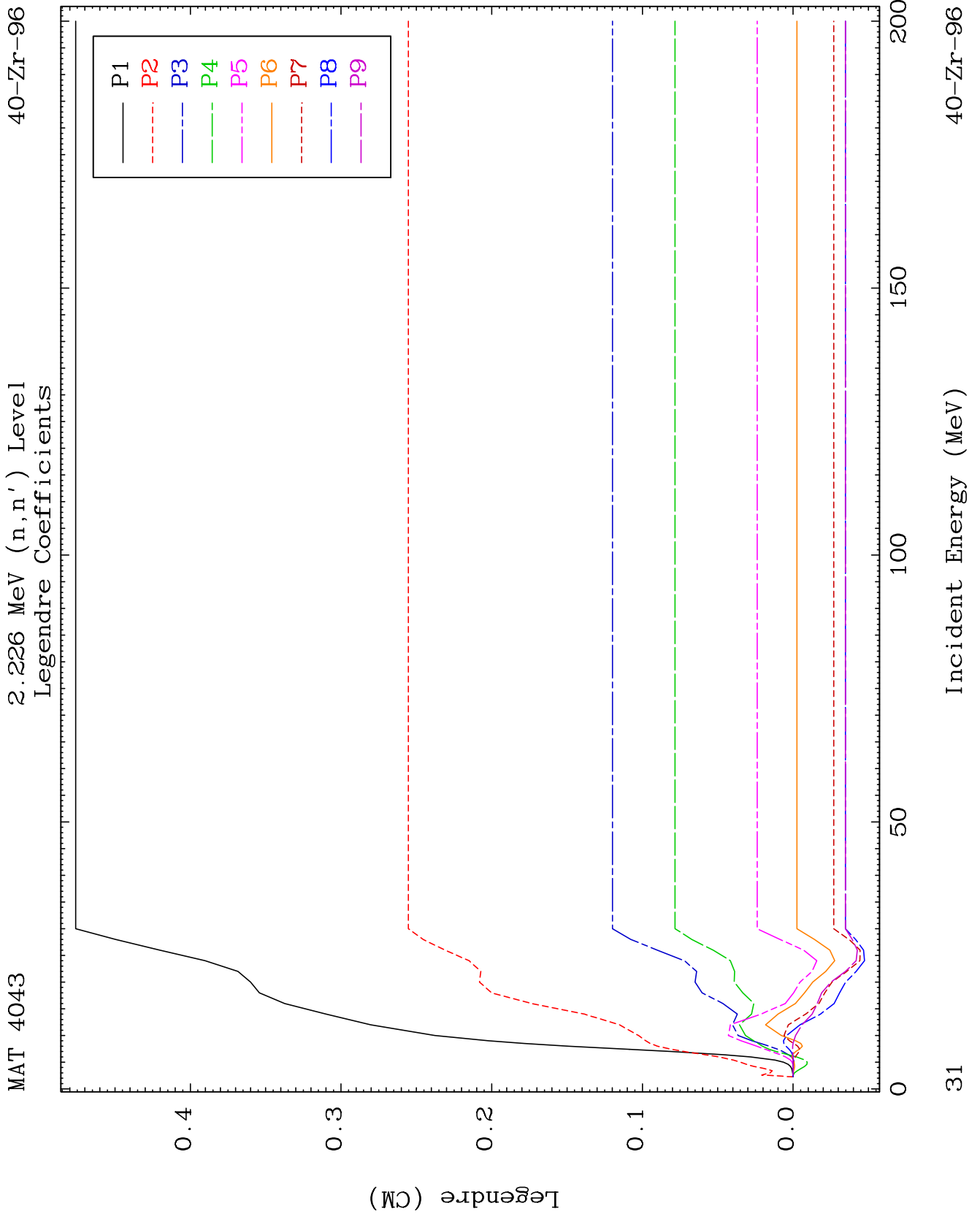


28

Incident Energy (MeV)

40-Zr-96

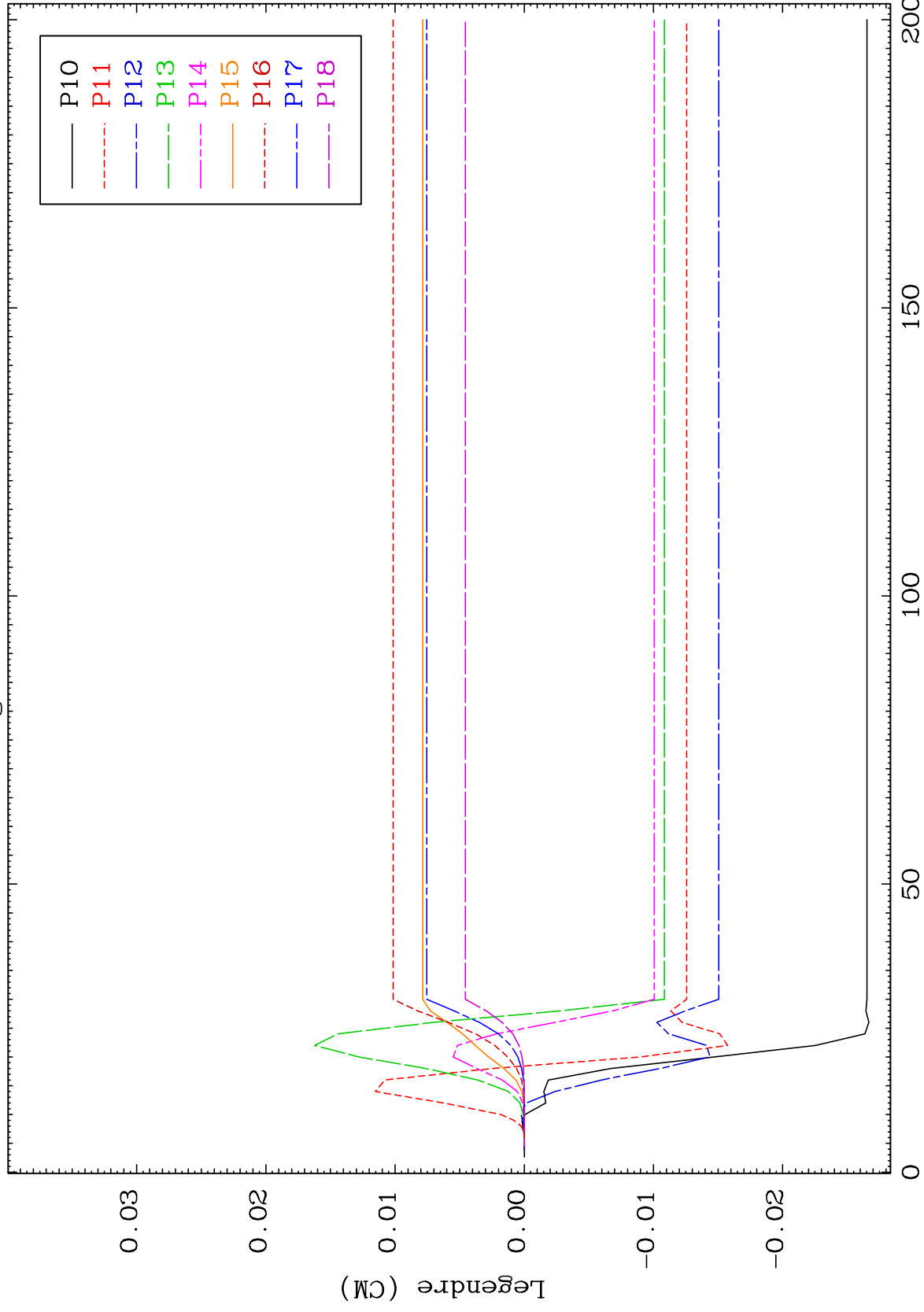




MAT 4043

2.226 MeV (n,n') Level
Legendre Coefficients

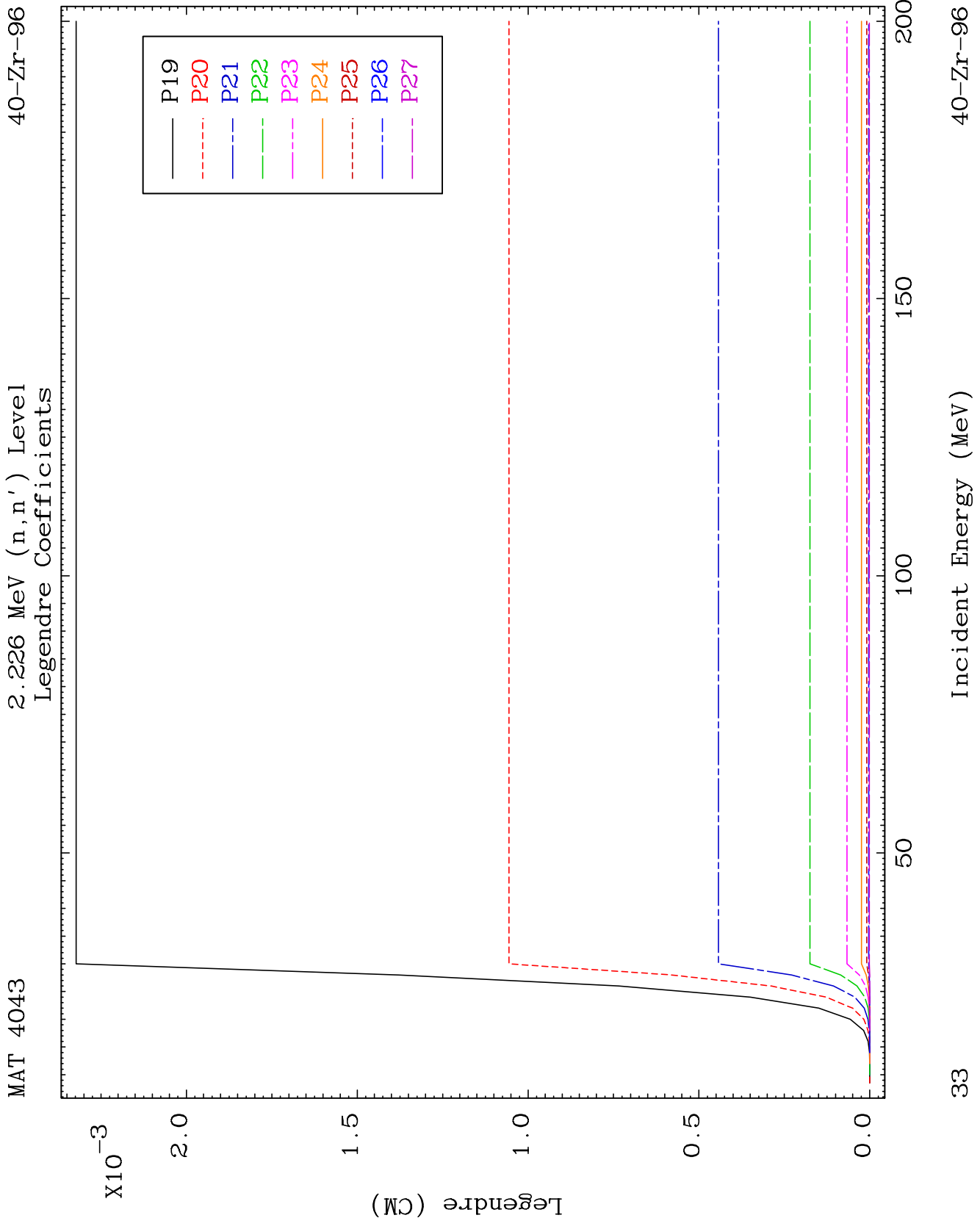
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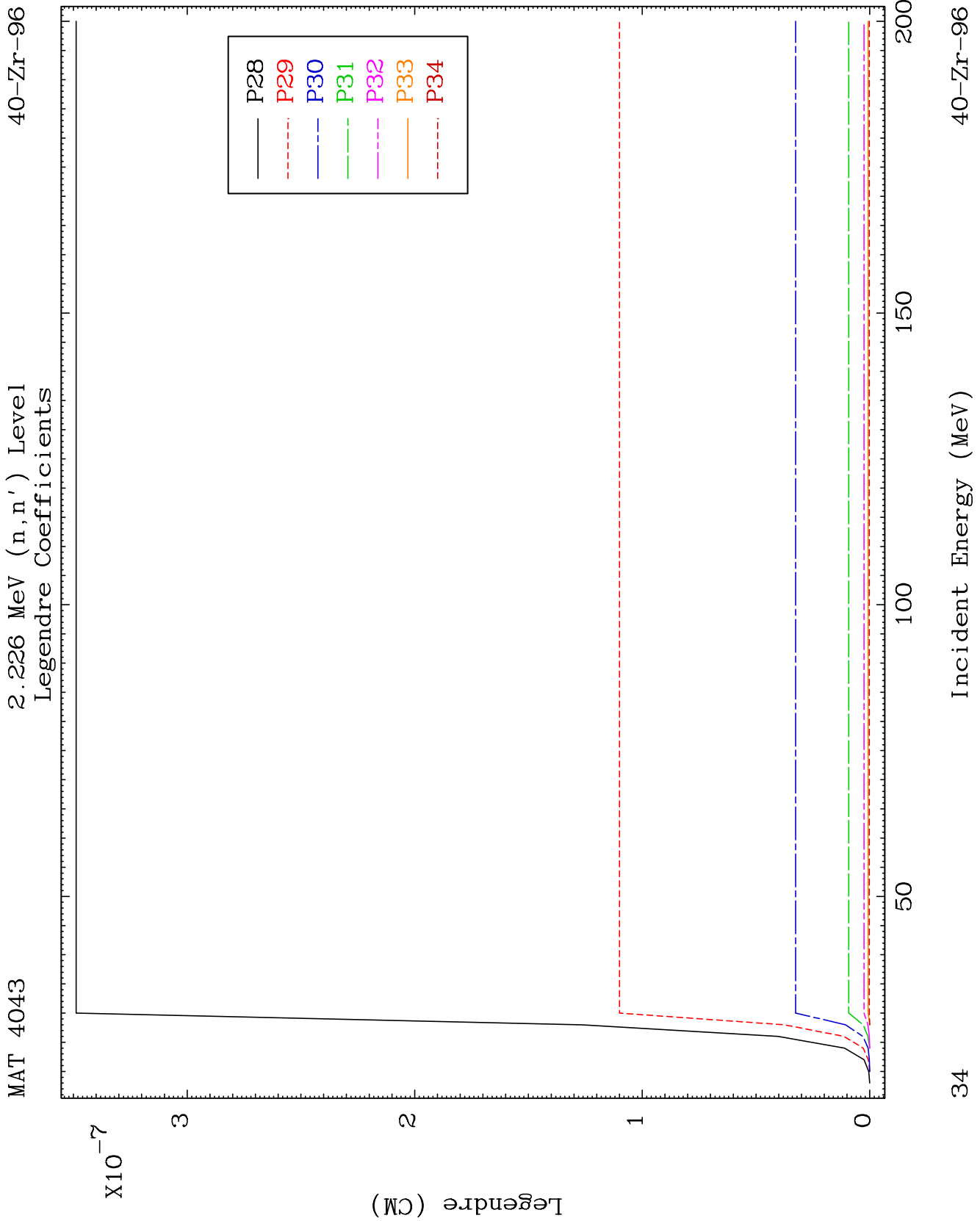


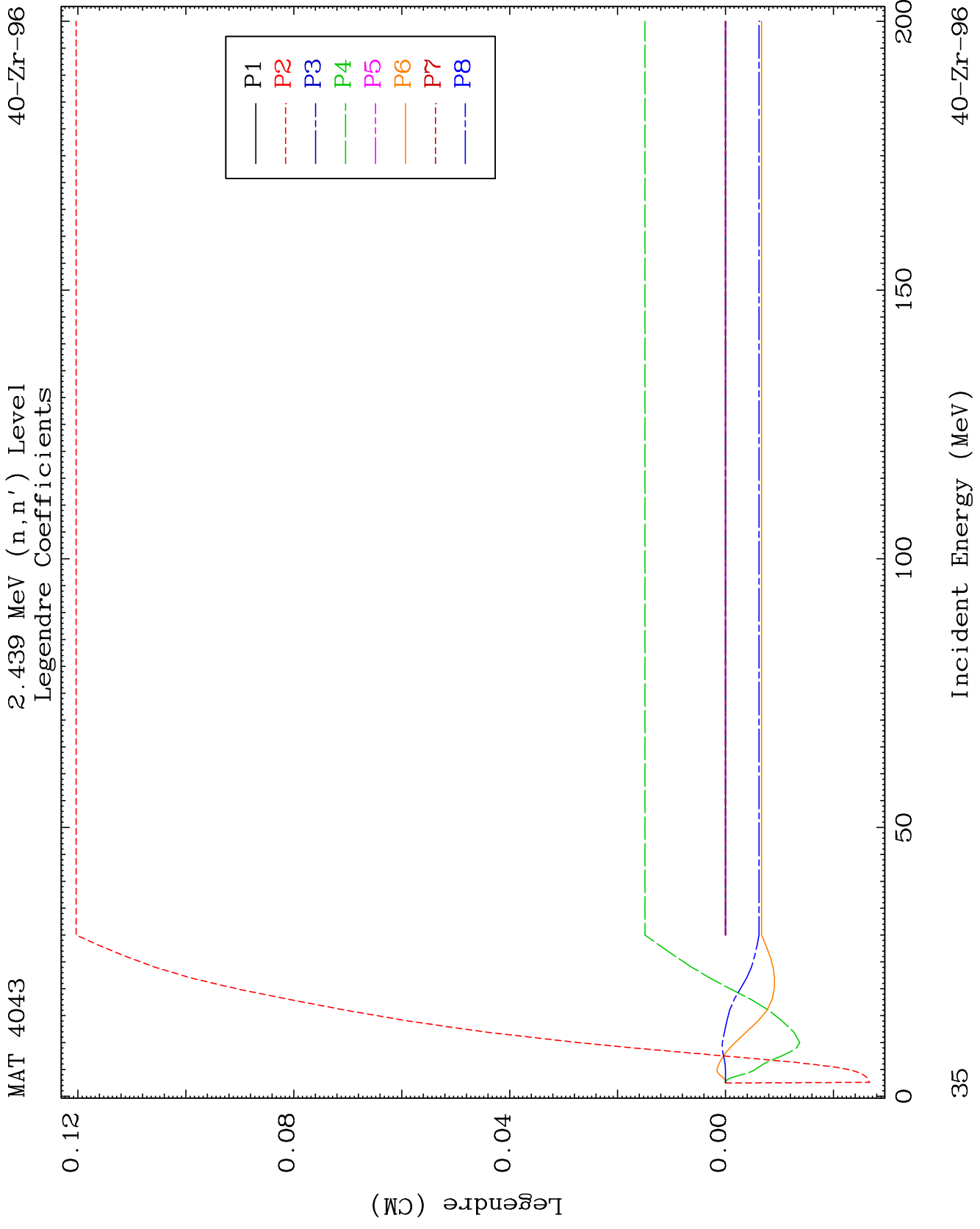
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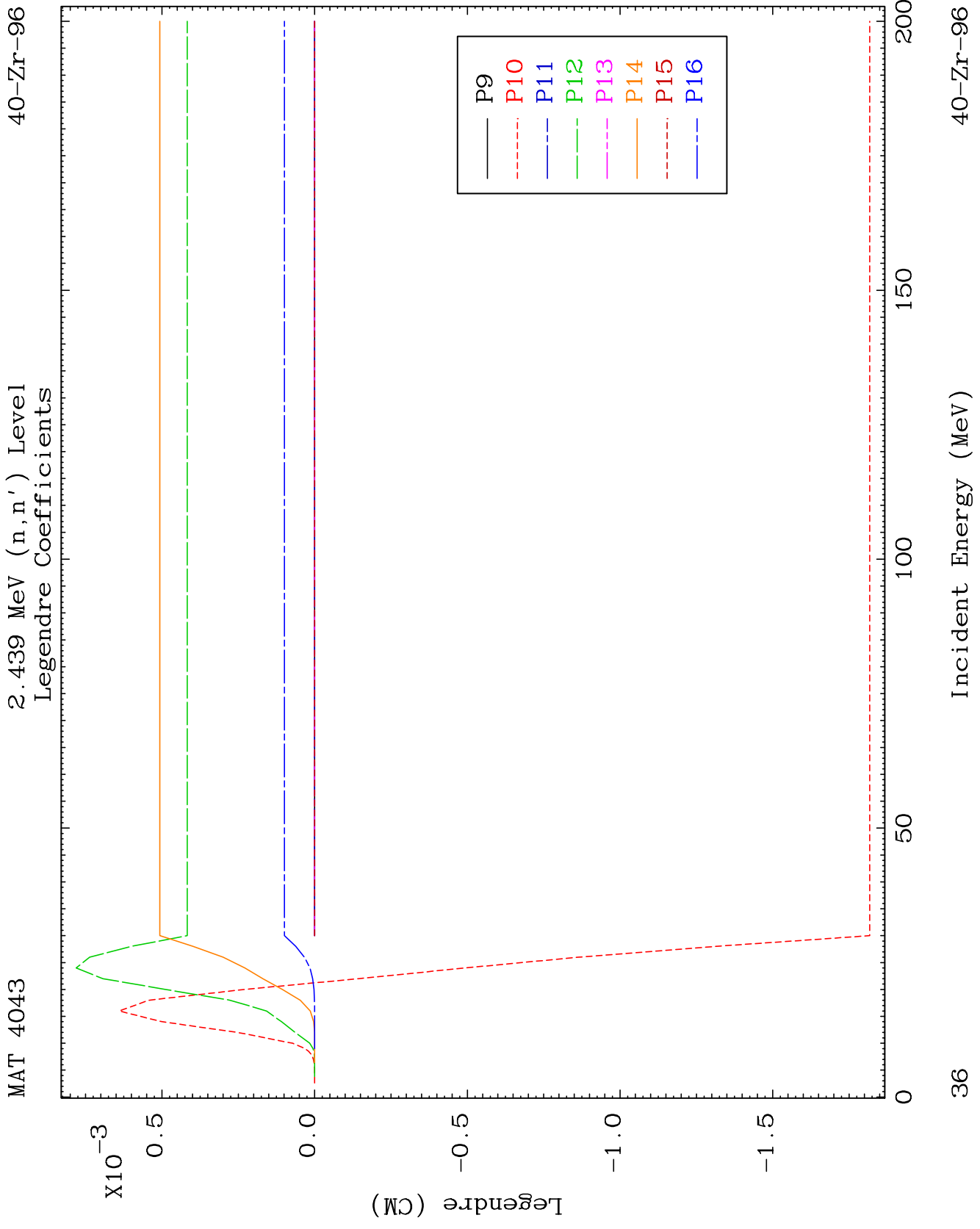
Incident Energy (MeV)

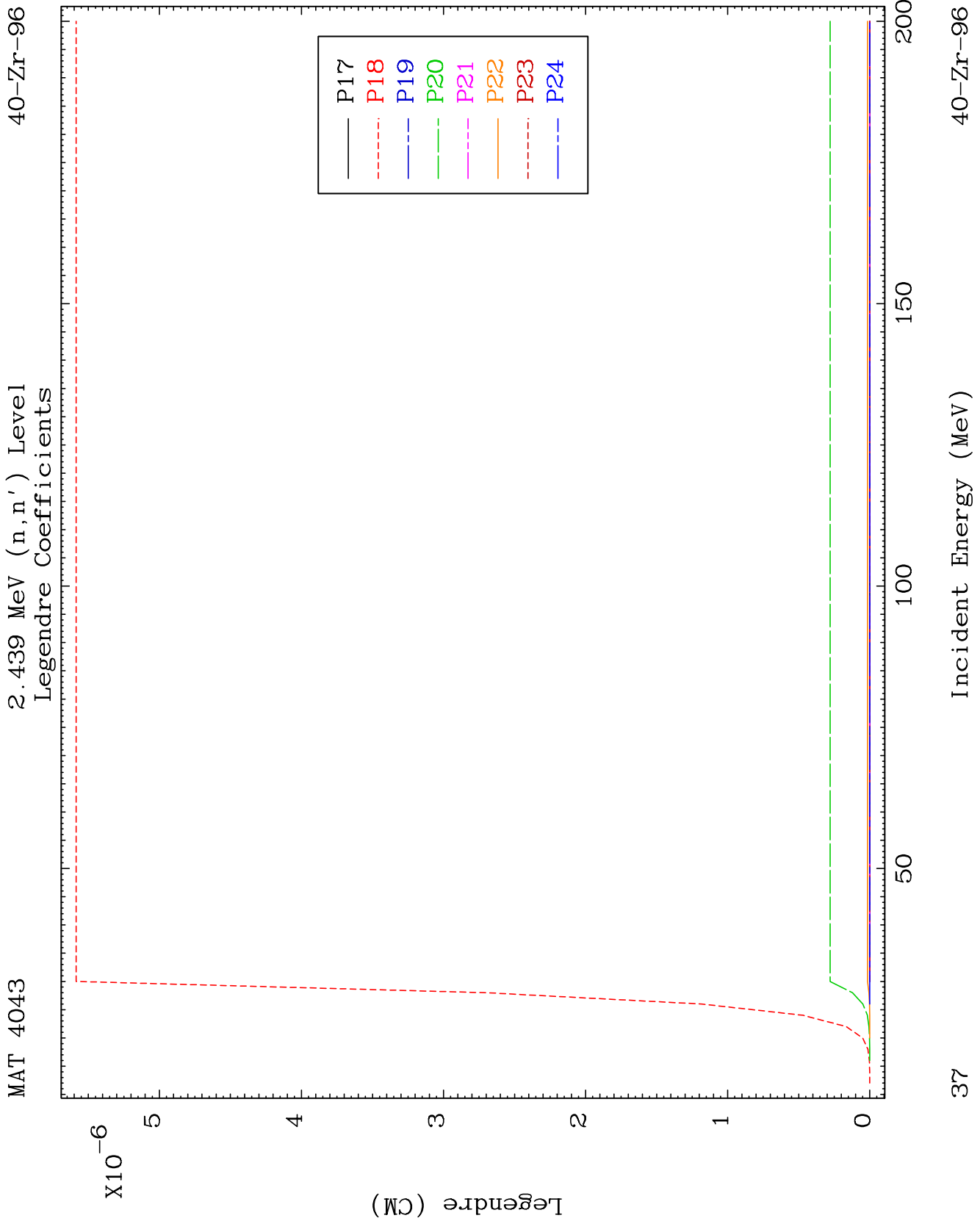
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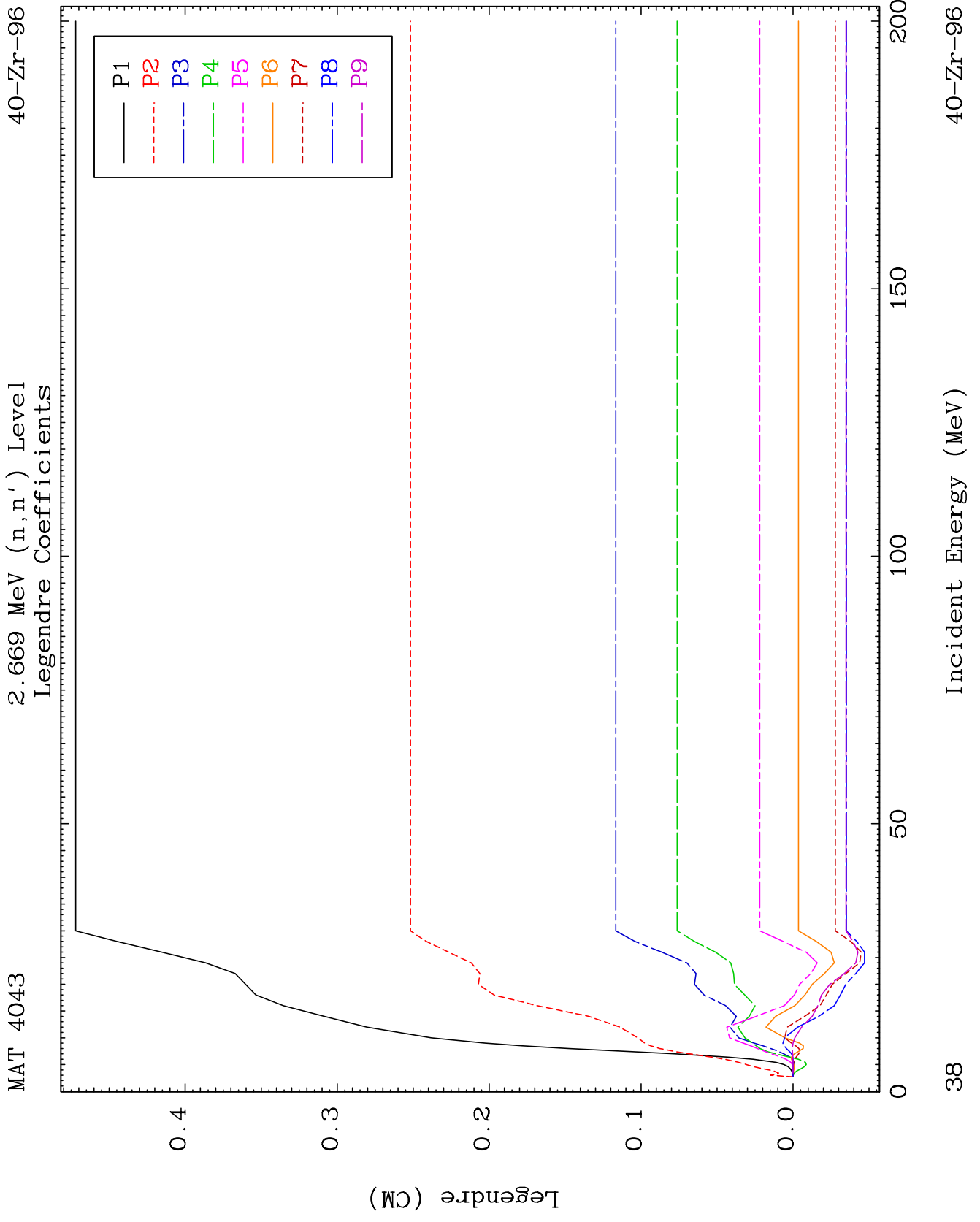








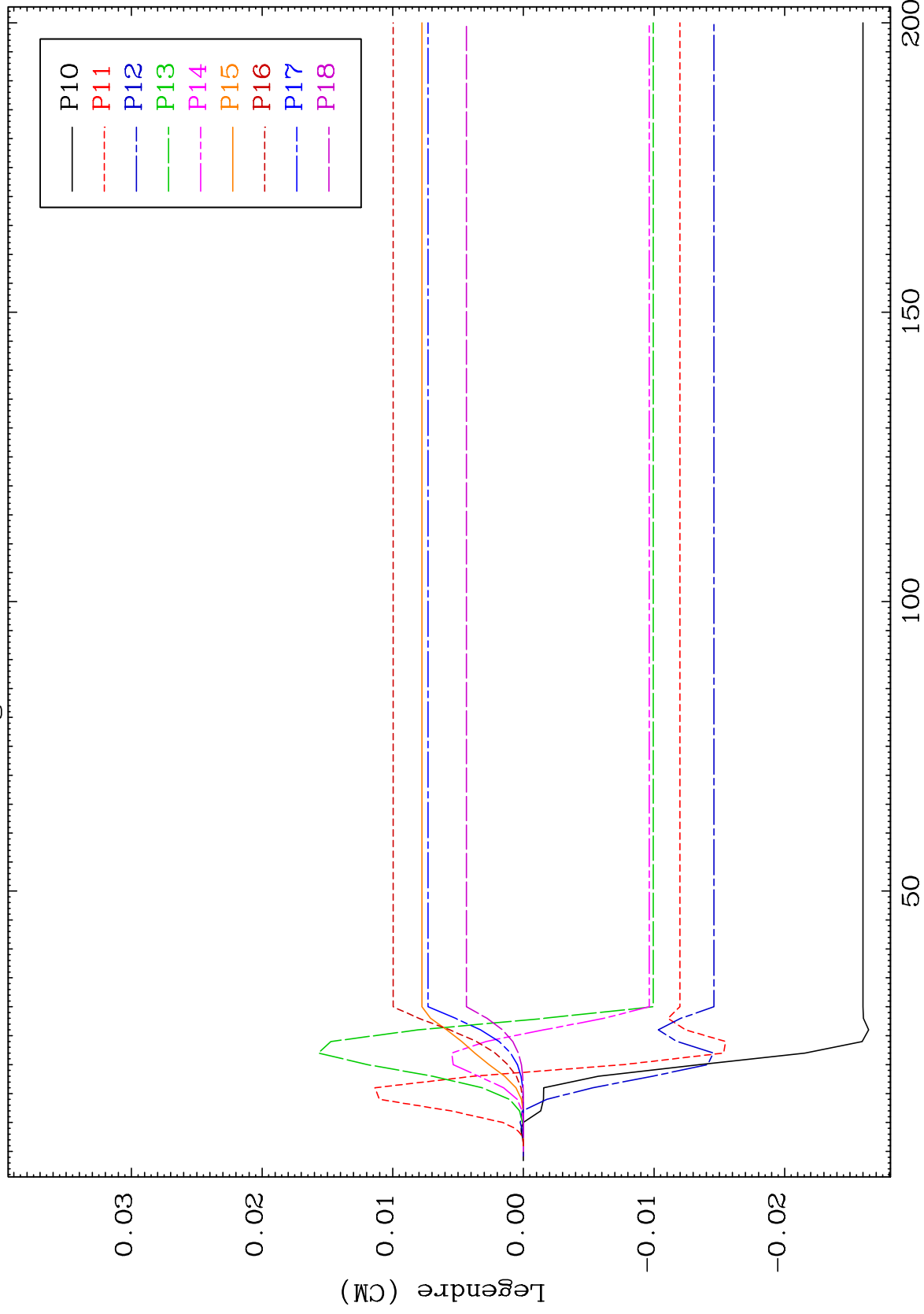




MAT 4043

2.669 MeV (n,n') Level
Legendre Coefficients

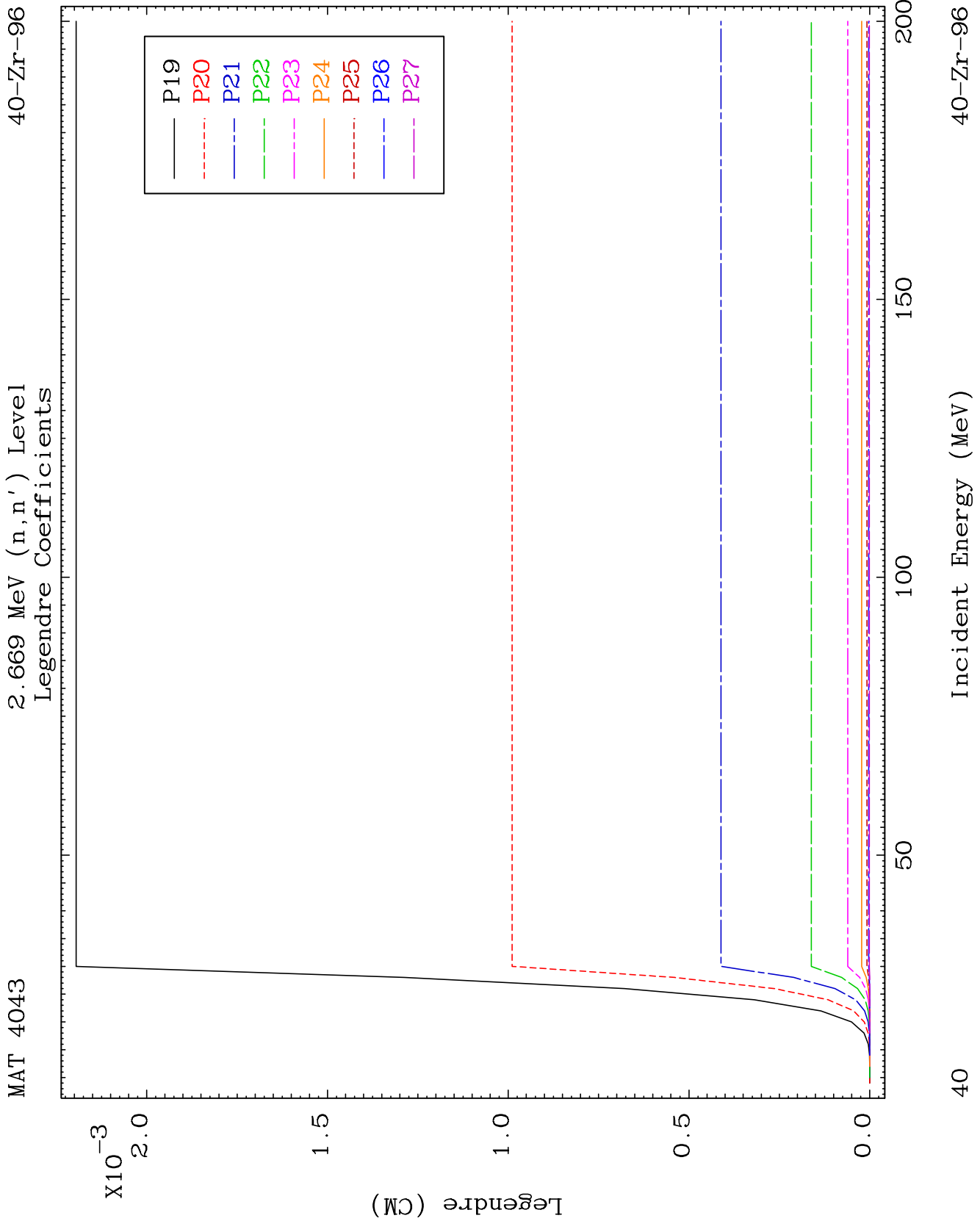
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39

Incident Energy (MeV)

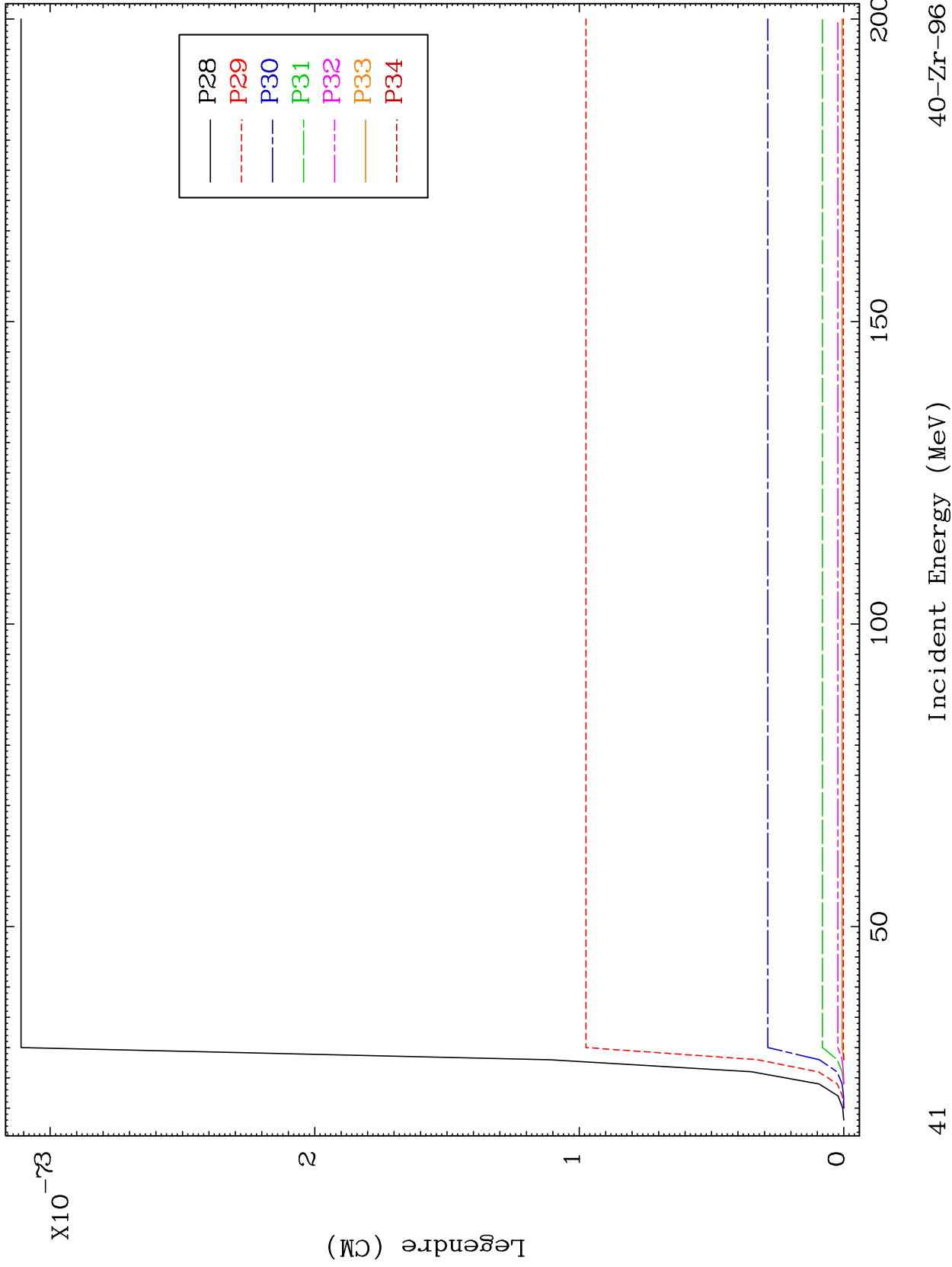
40-Zr-96



MAT 4043

2.669 MeV (n,n') Level
Legendre Coefficients

40-Zr-96



41

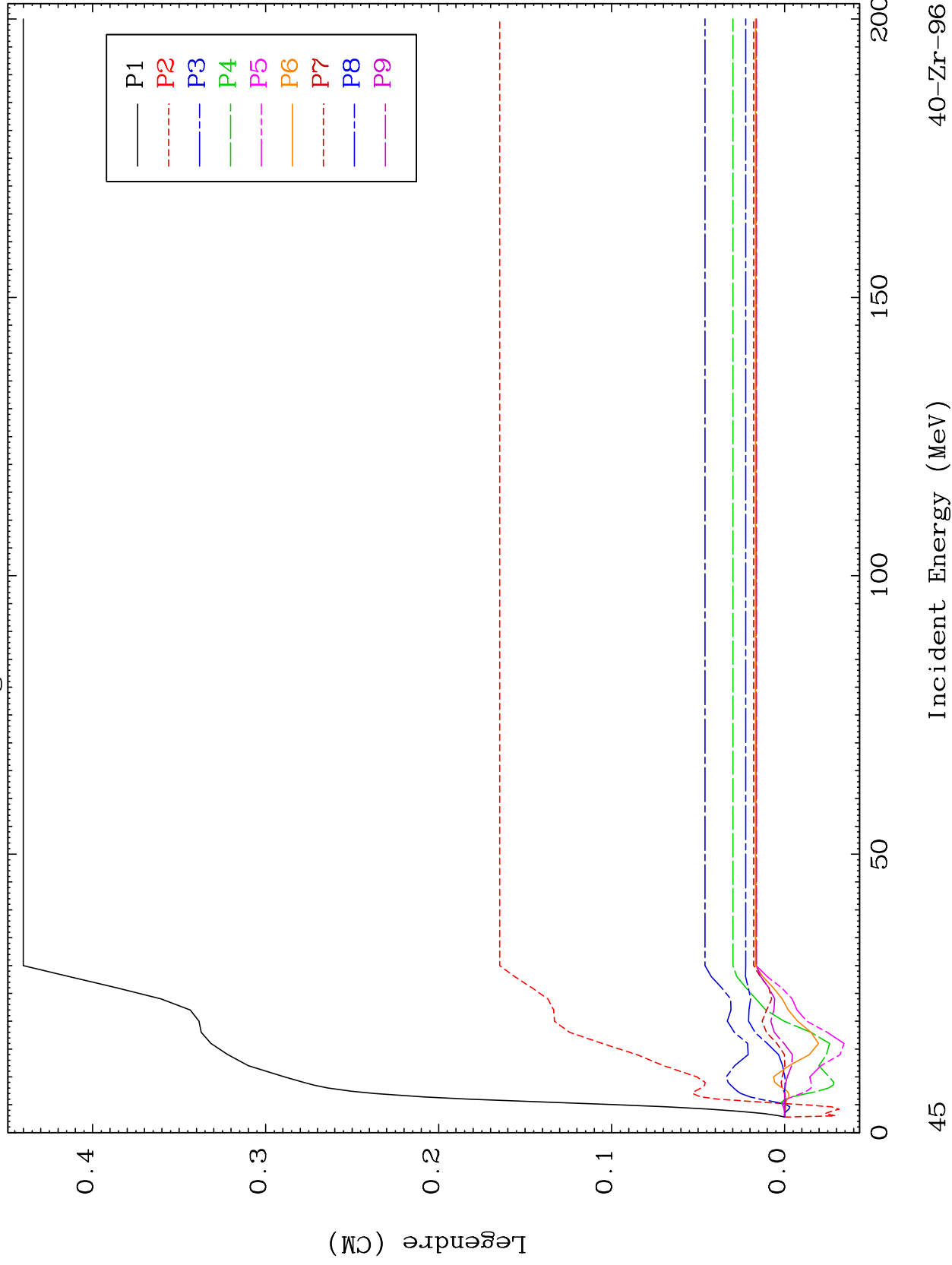
Incident Energy (MeV)

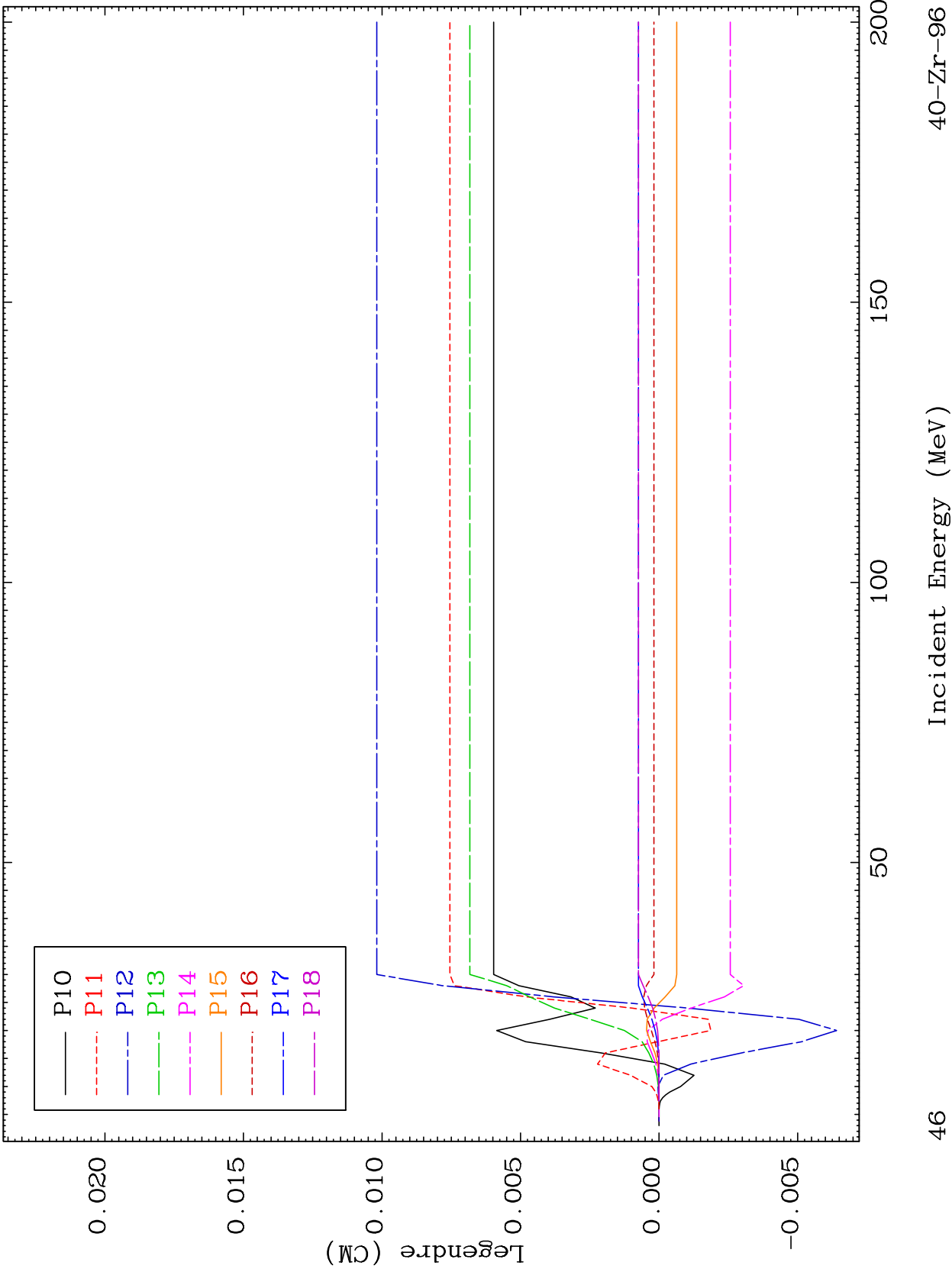
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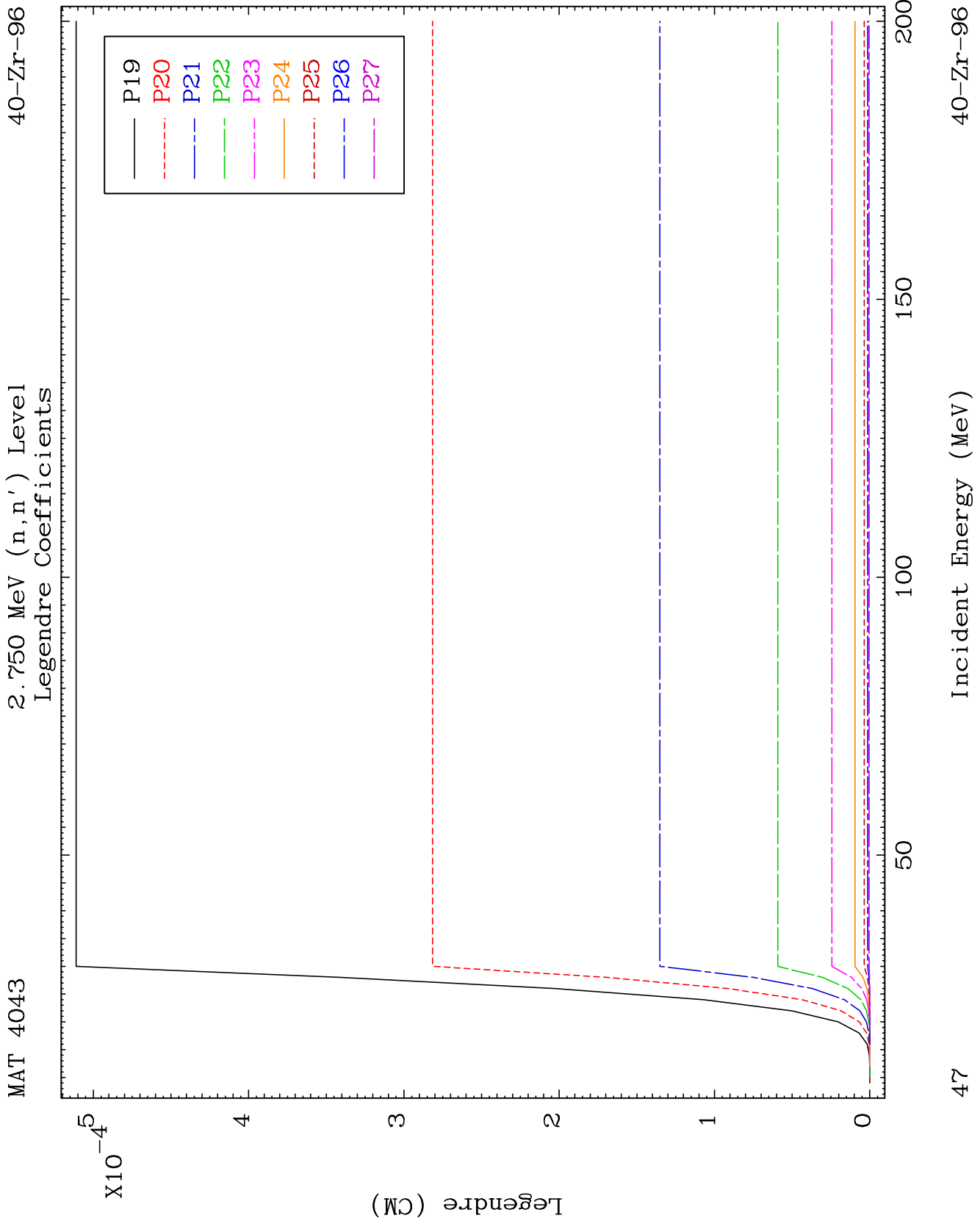
MAT 4043

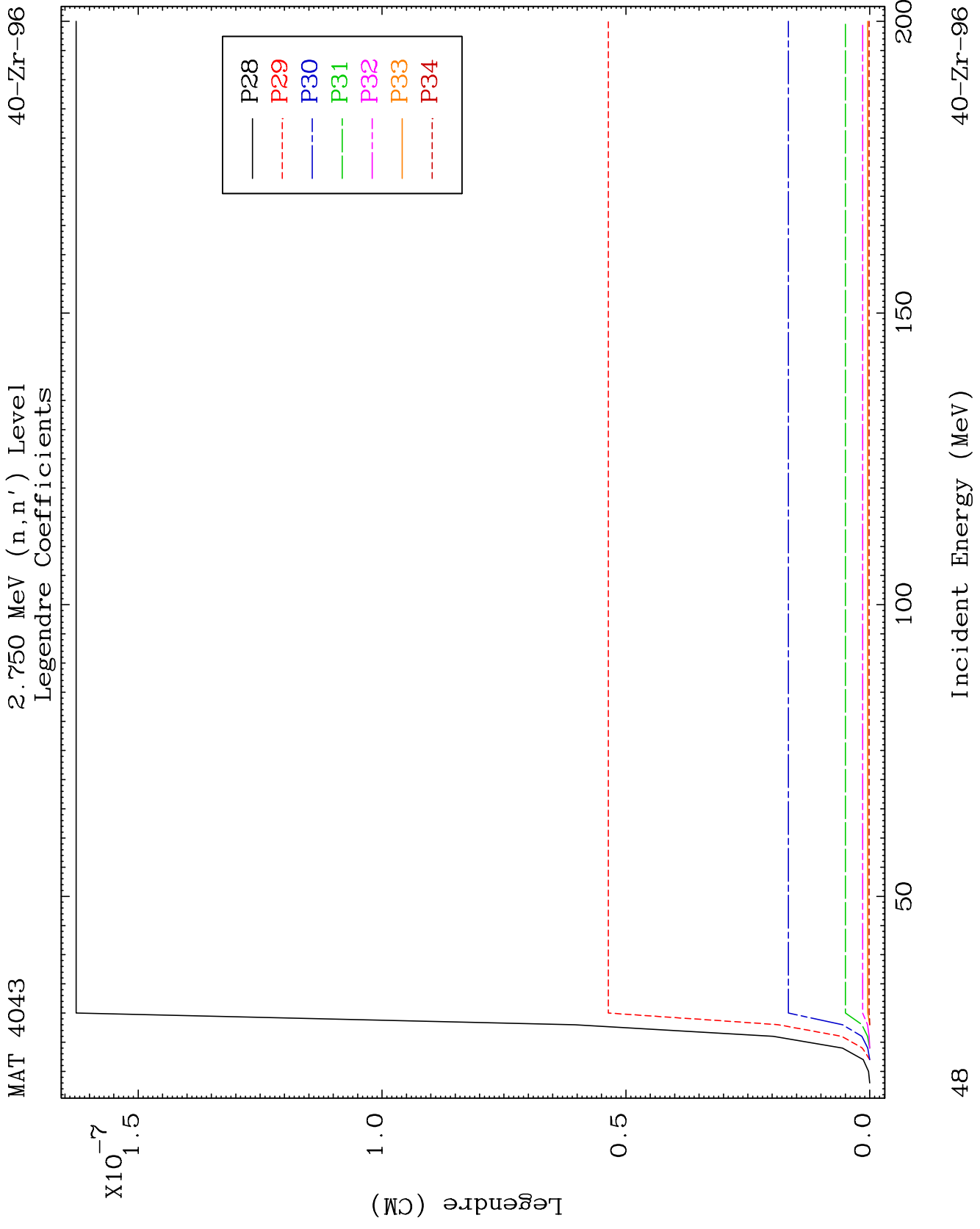
2.750 MeV (n,n') Level
Legendre Coefficients

40-Zr-96





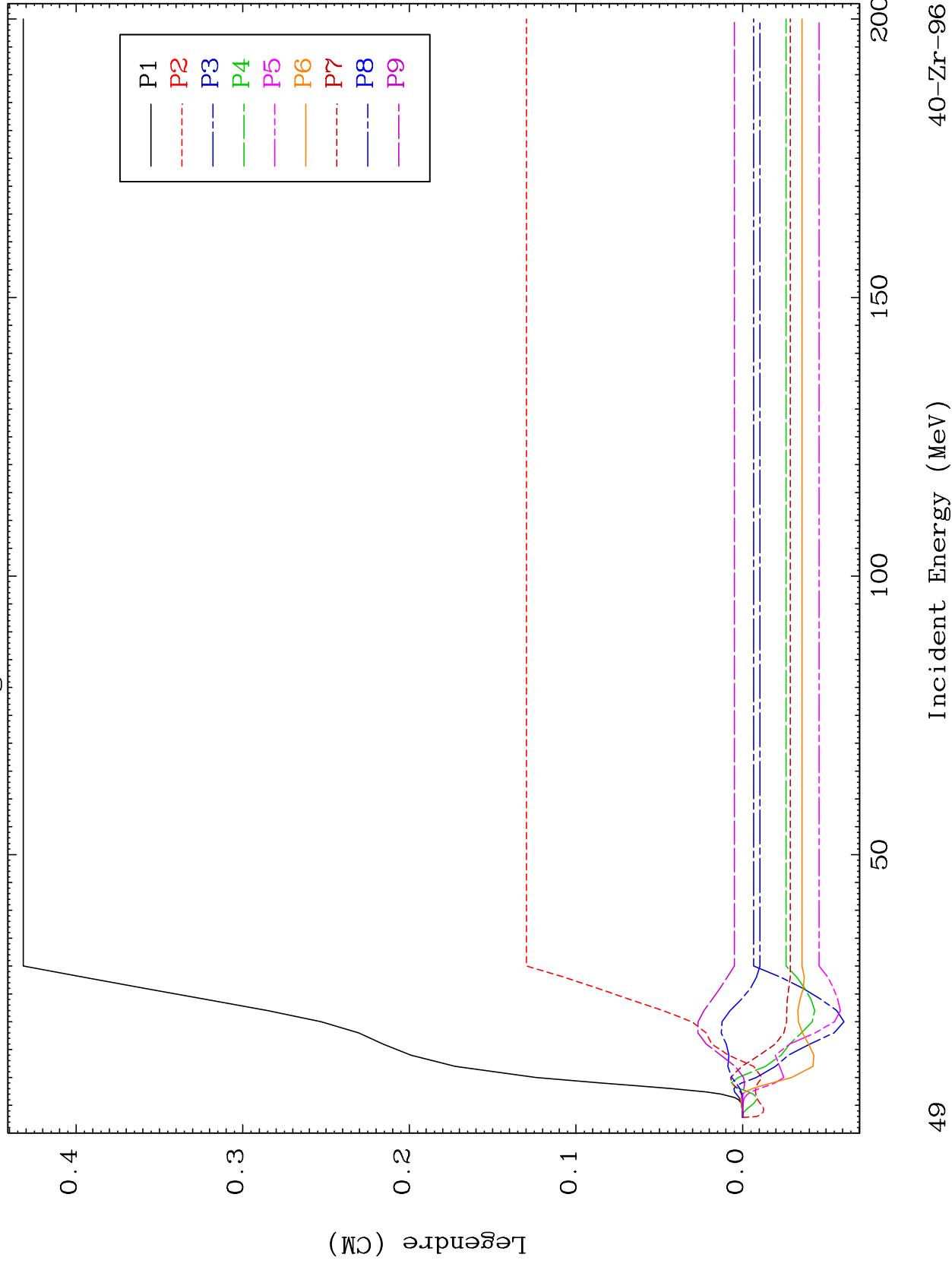




MAT 4043

2.781 MeV (n,n') Level
Legendre Coefficients

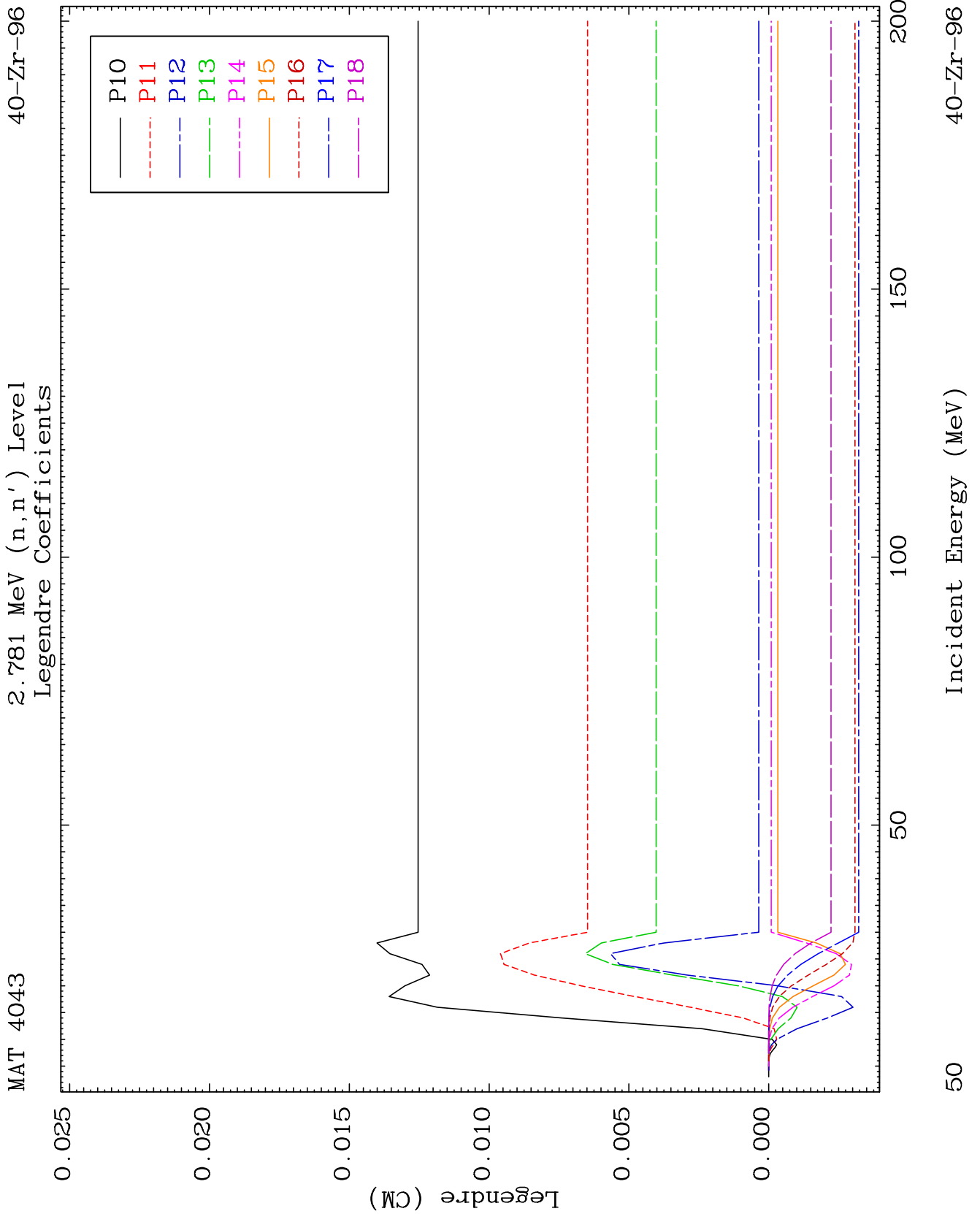
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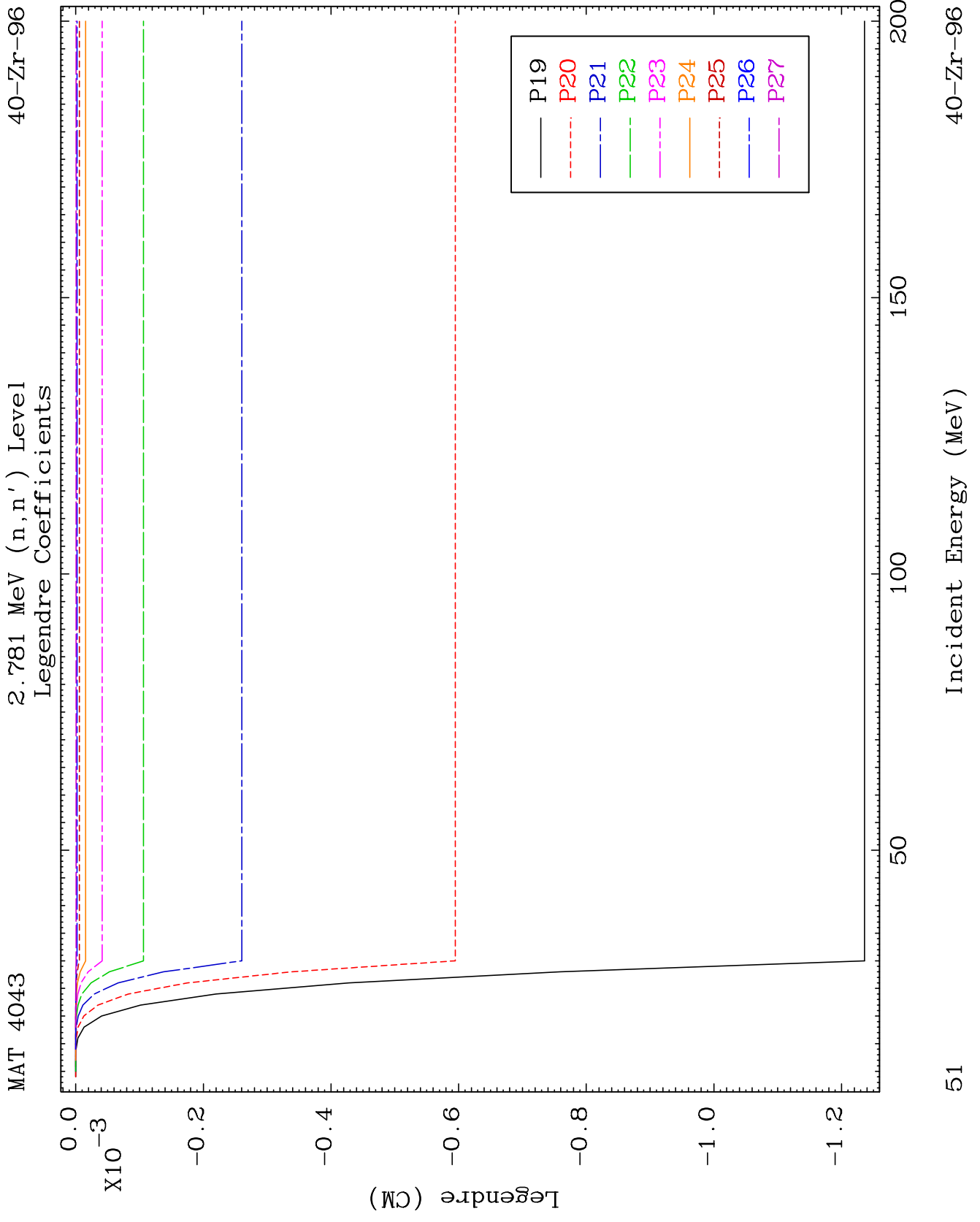


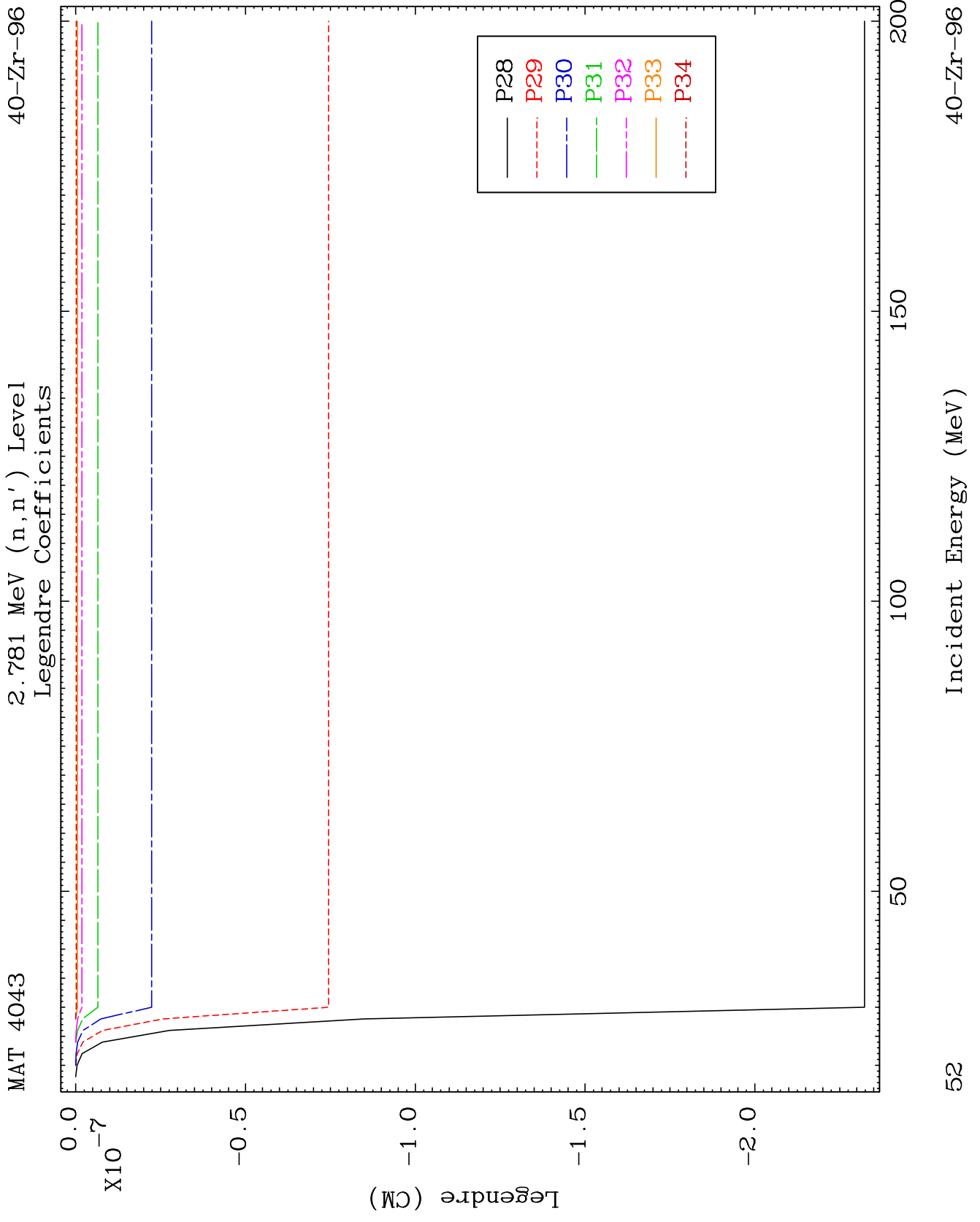
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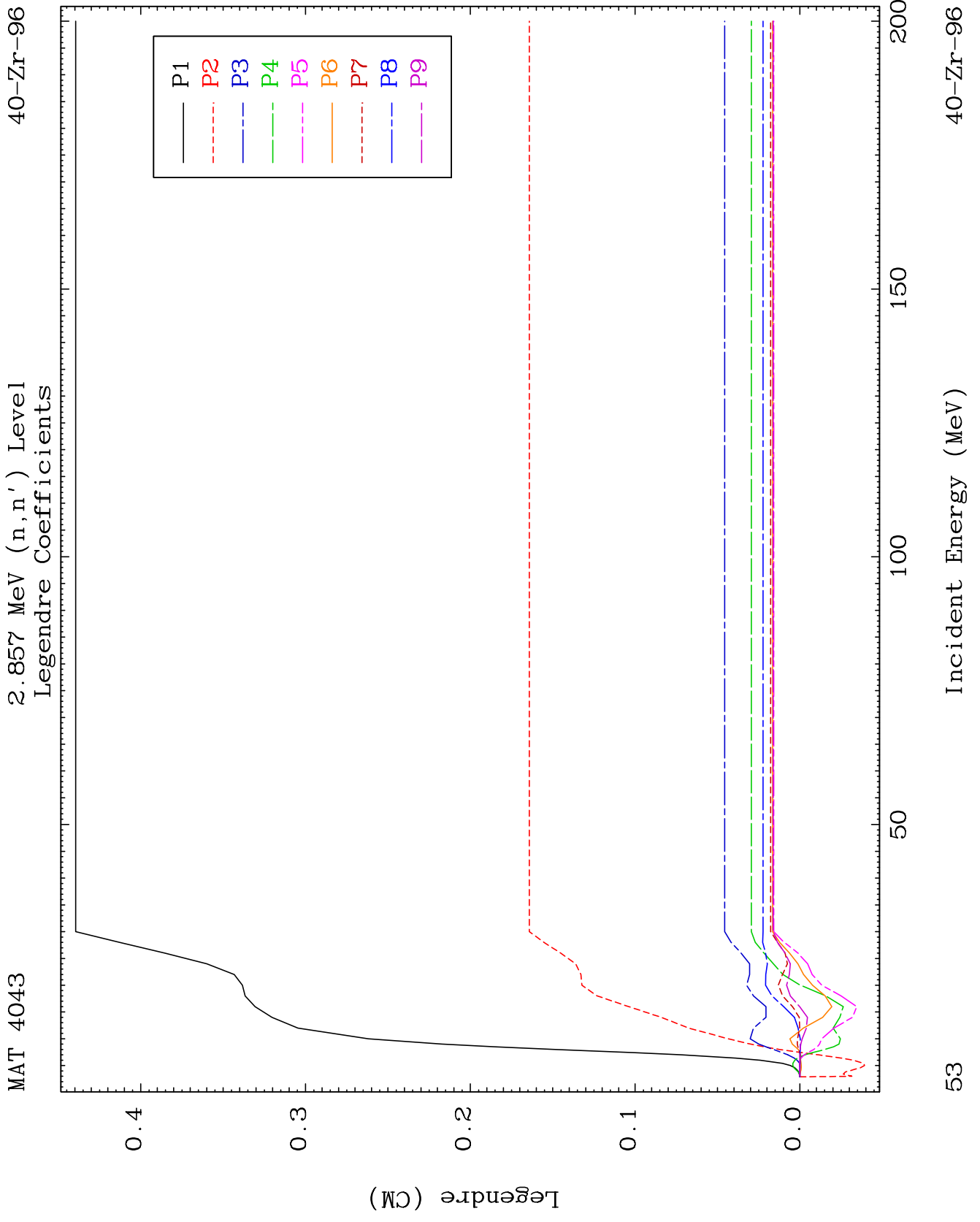
Incident Energy (MeV)

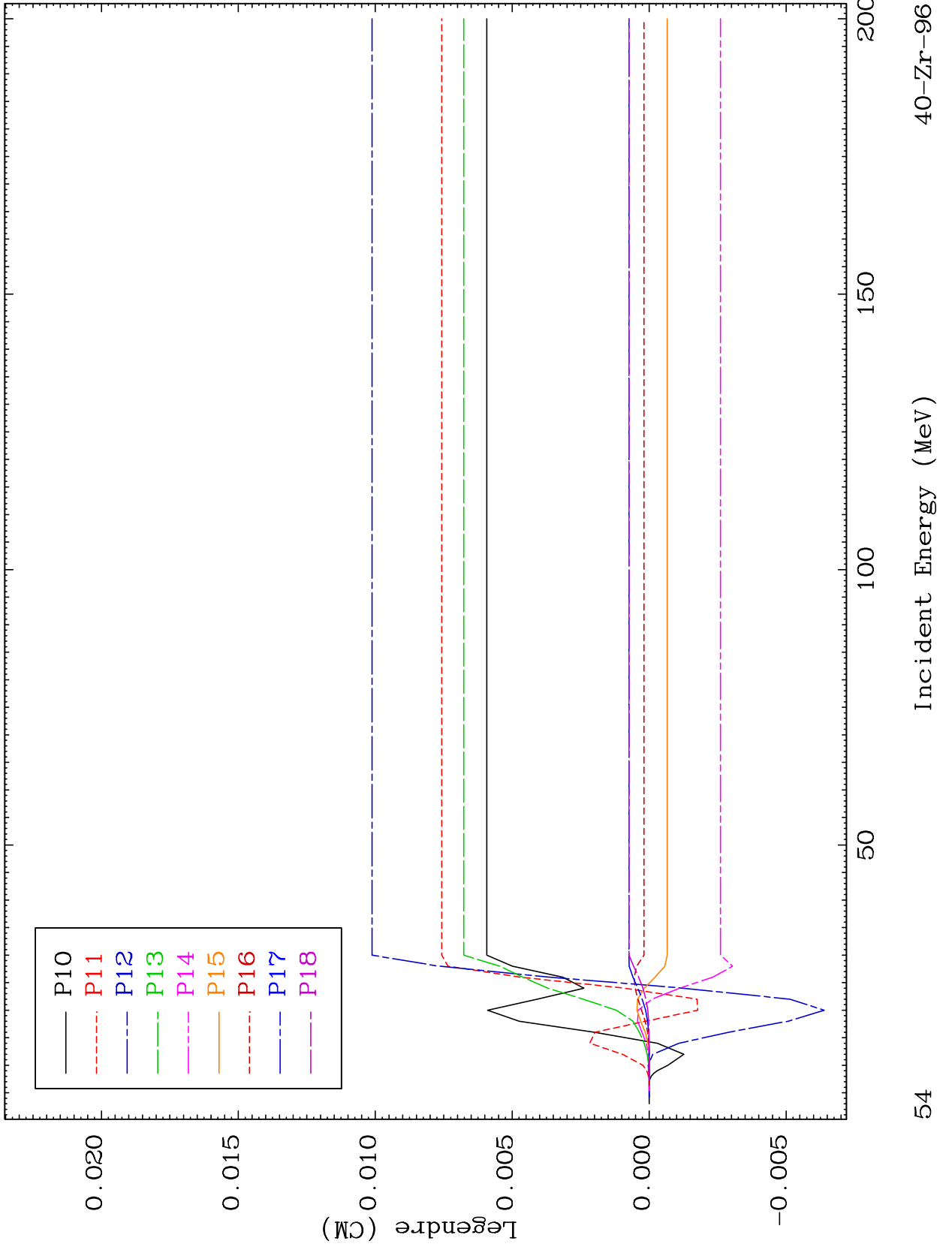
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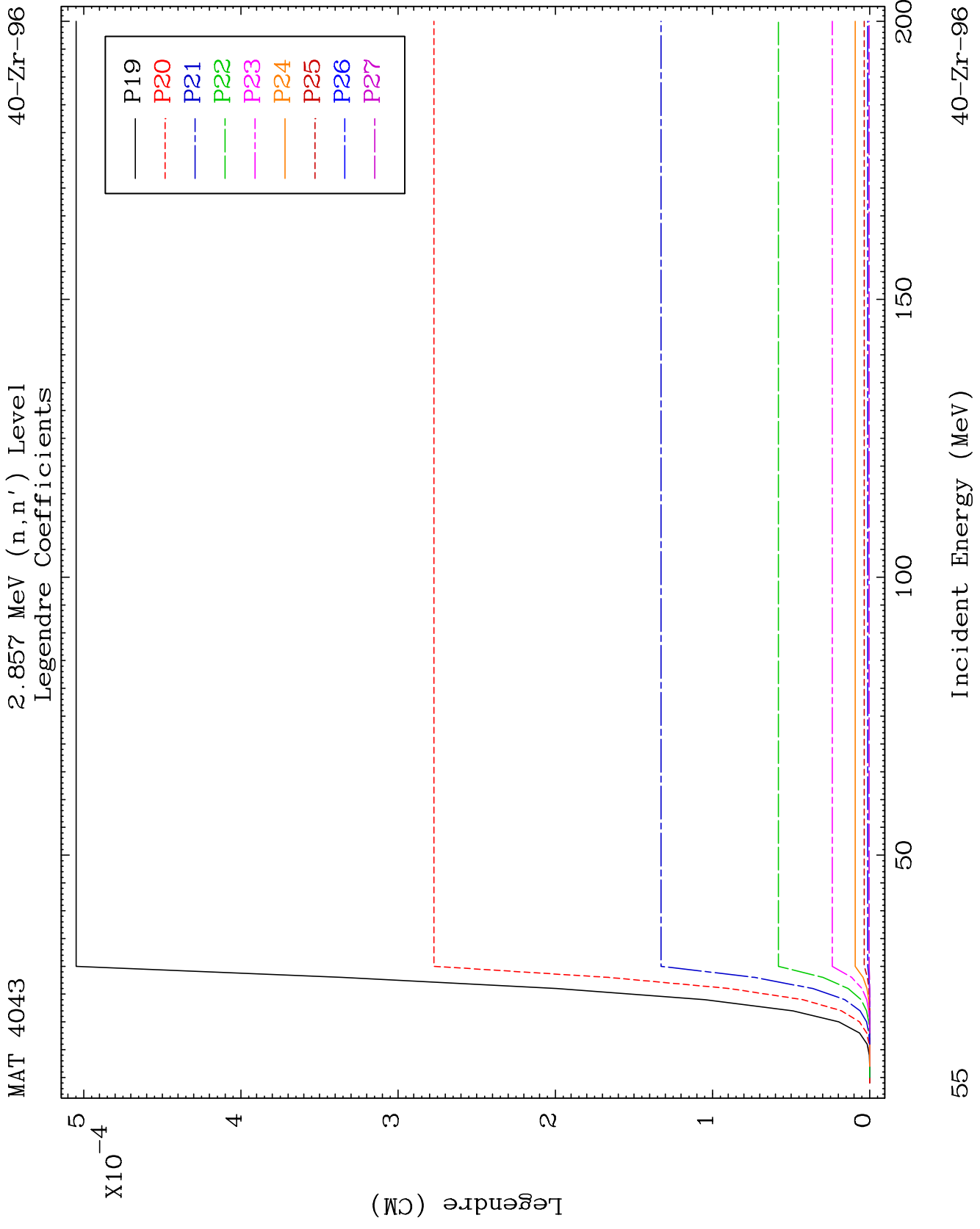


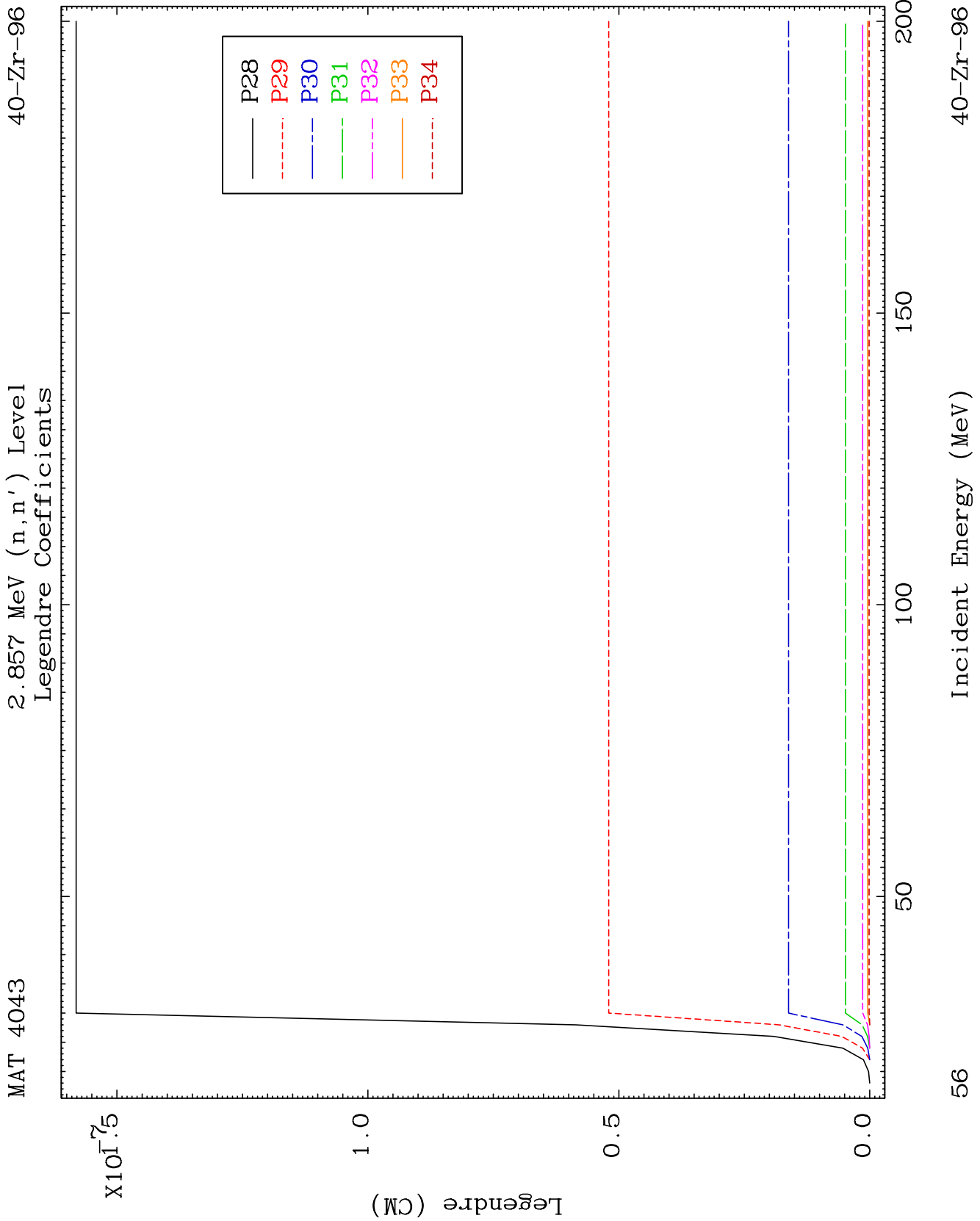


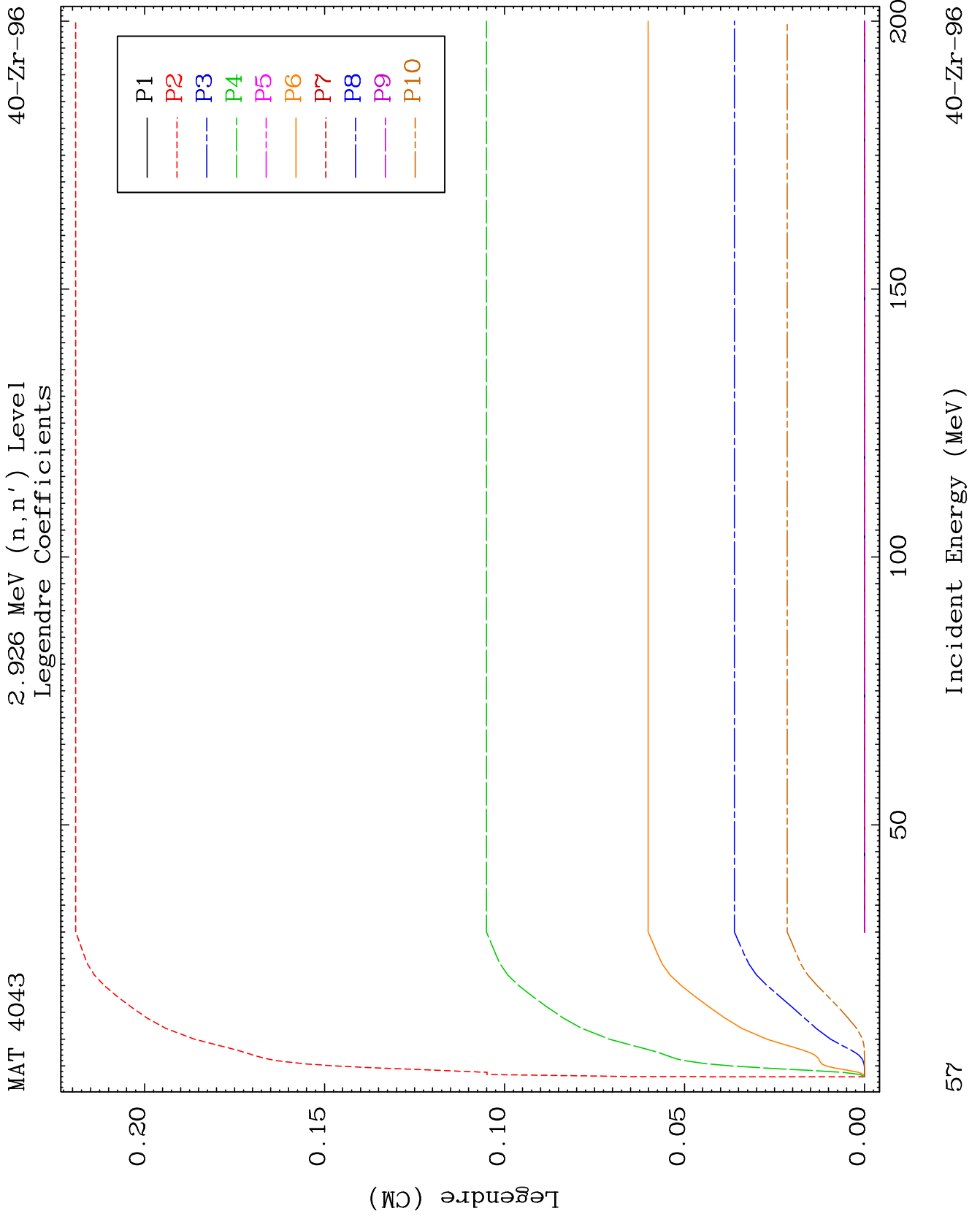


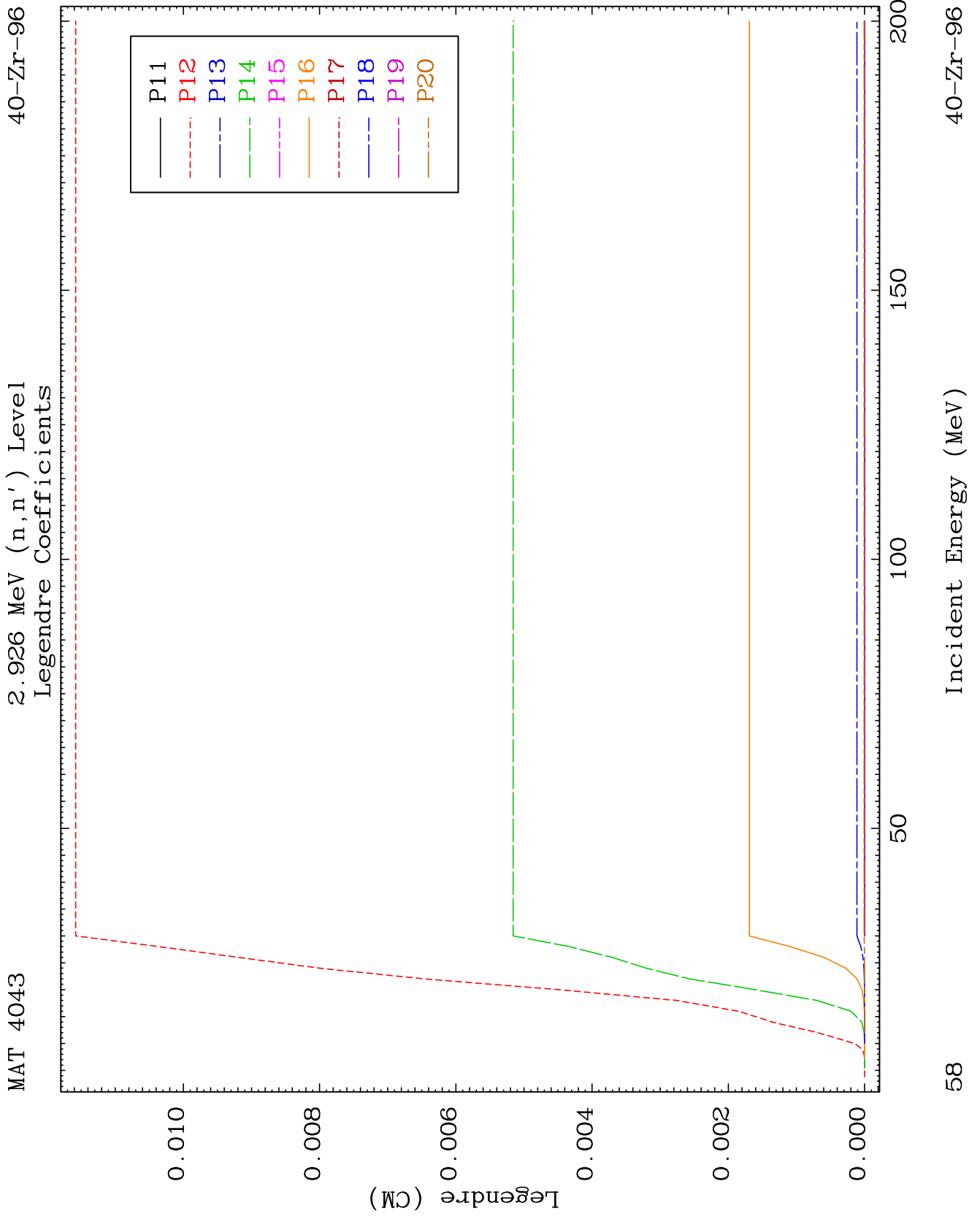


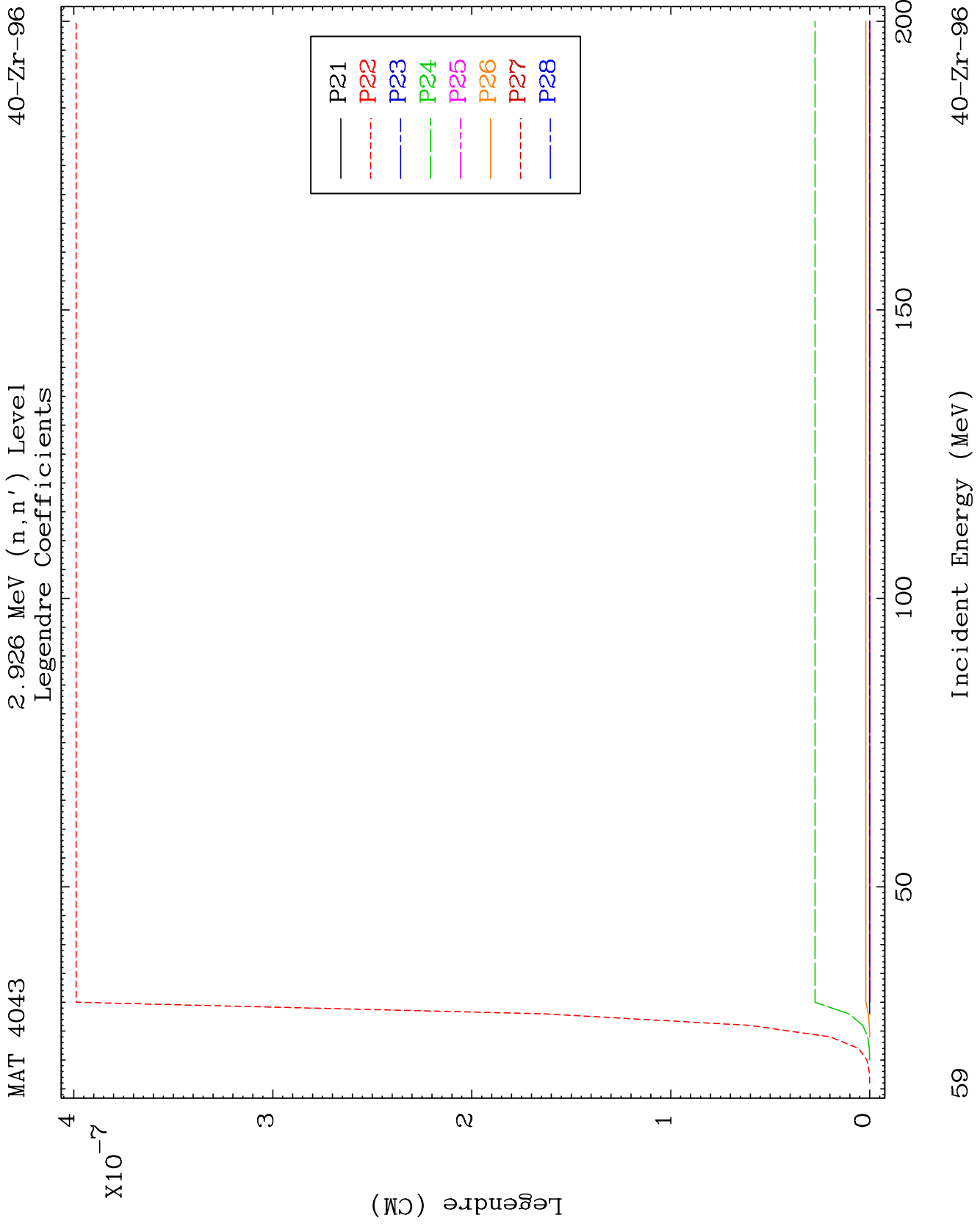








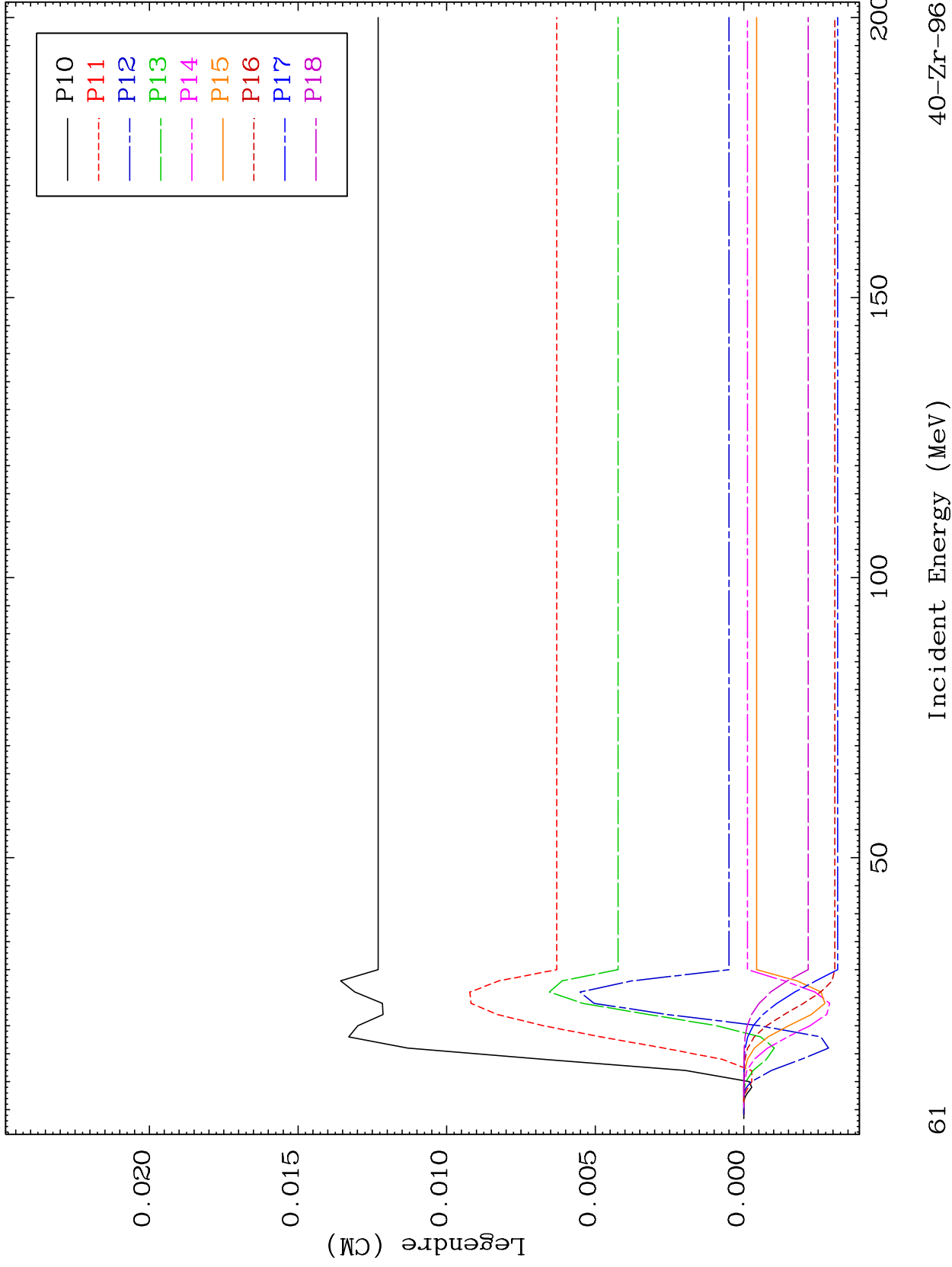


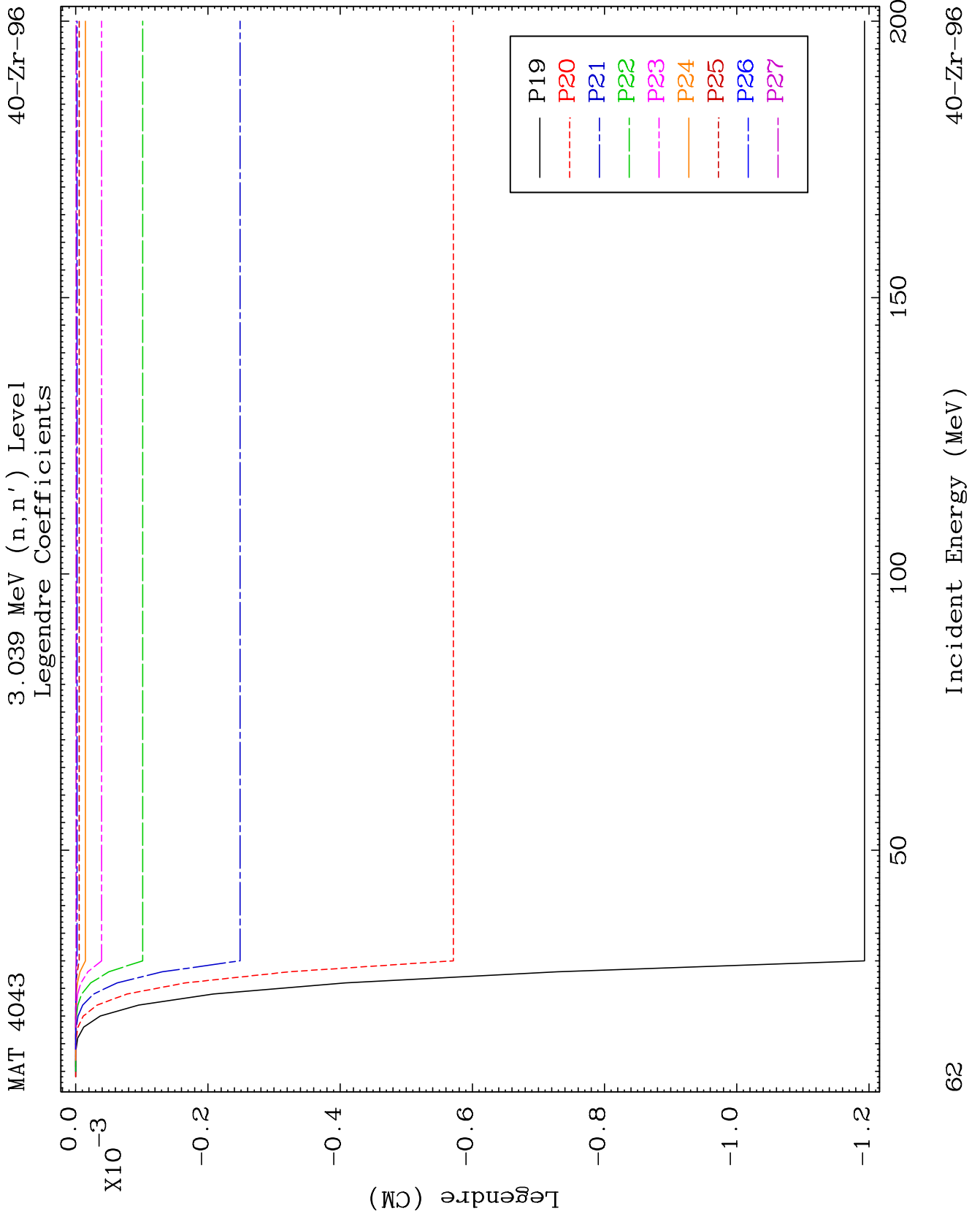


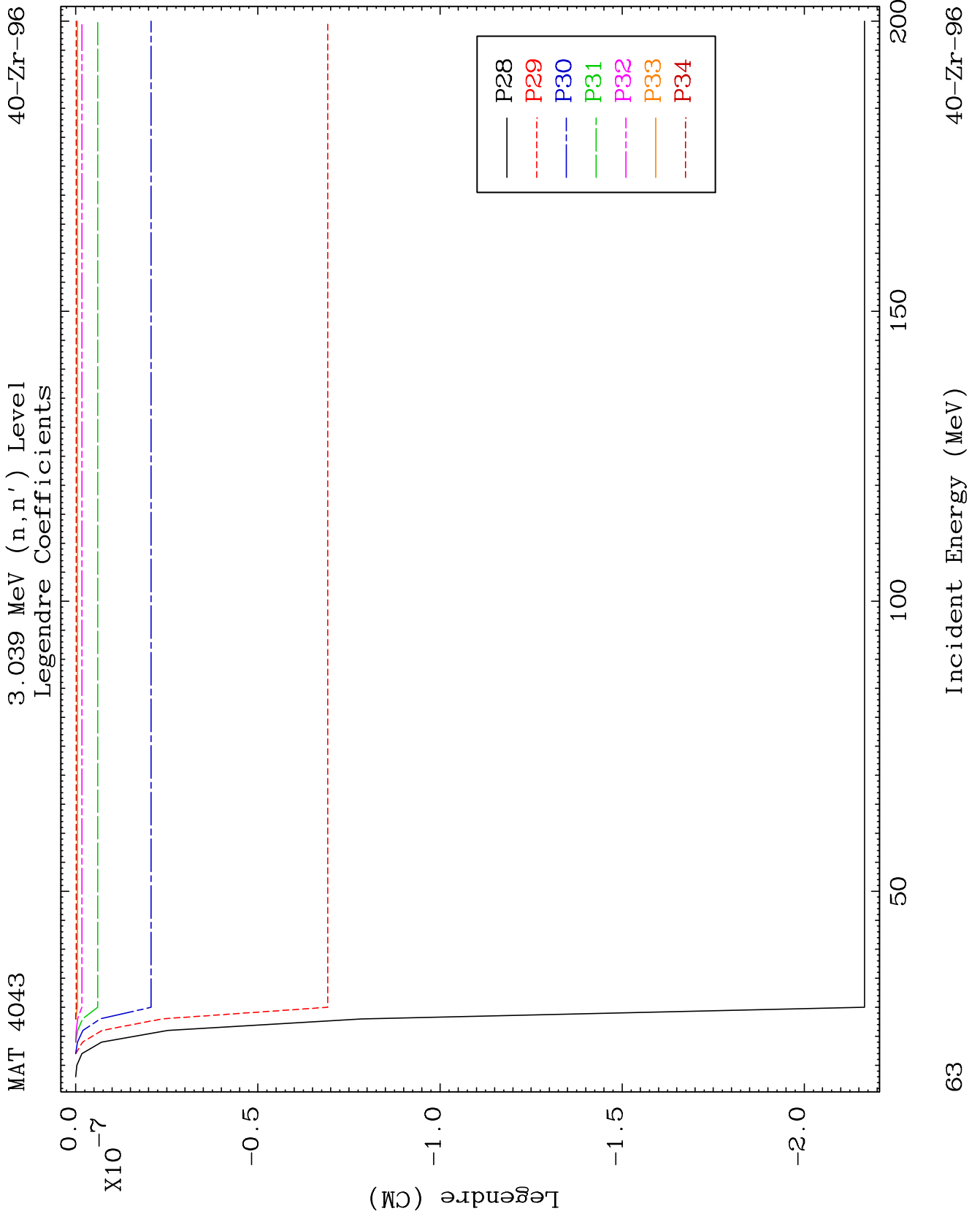
MAT 4043

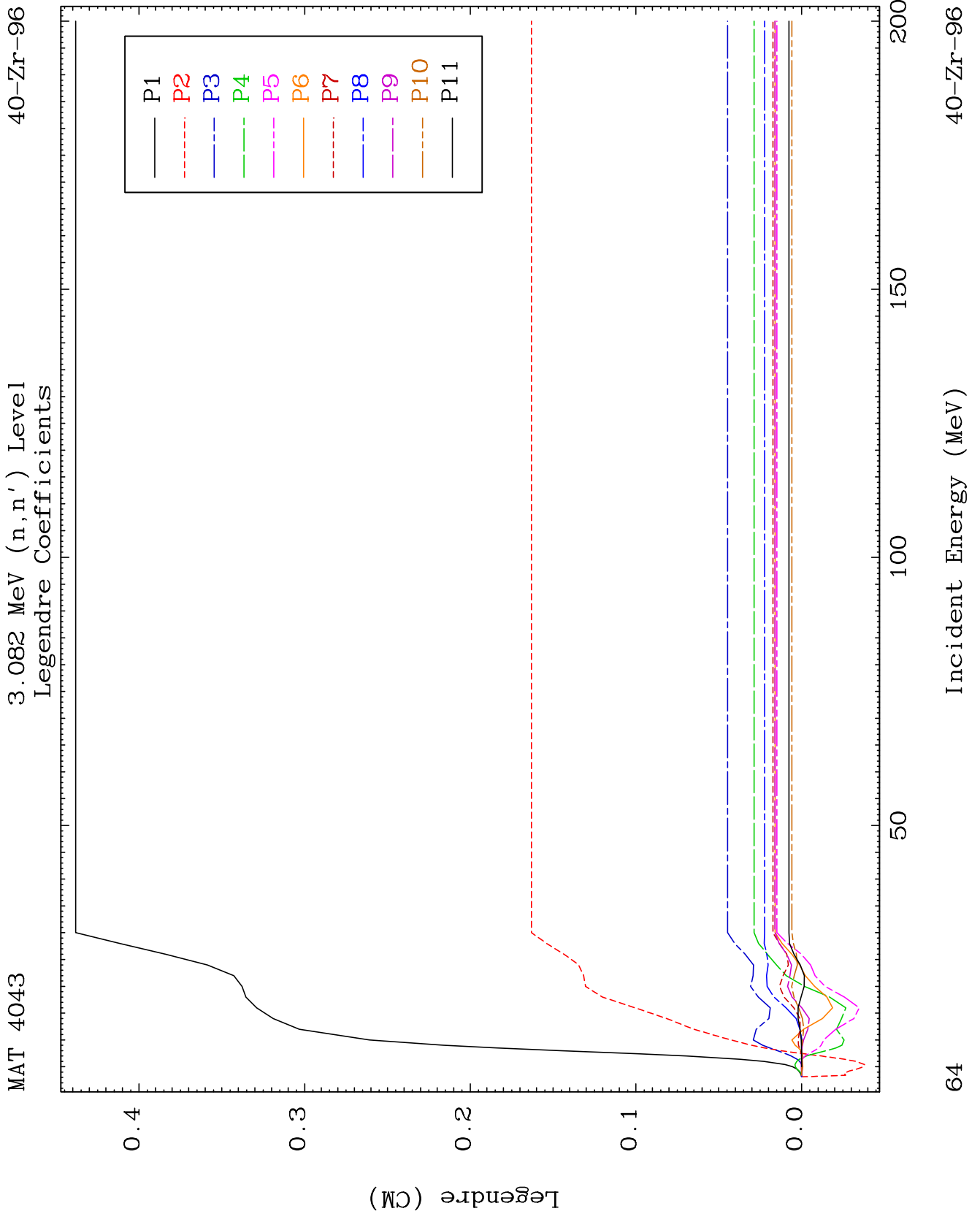
3.039 MeV (n,n') Level
Legendre Coefficients

40-Zr-96





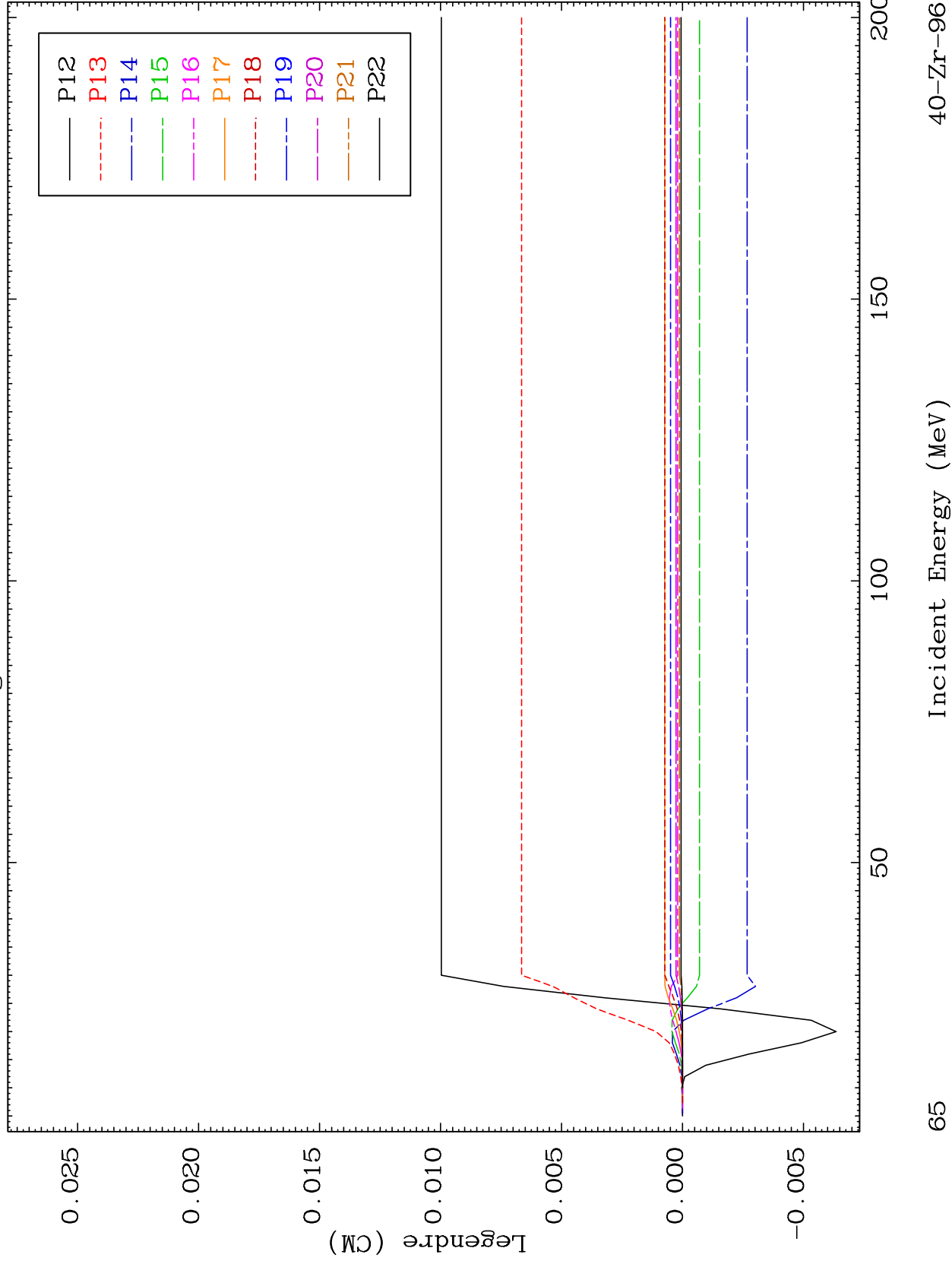




MAT 4043

3.082 MeV (n,n') Level
Legendre Coefficients

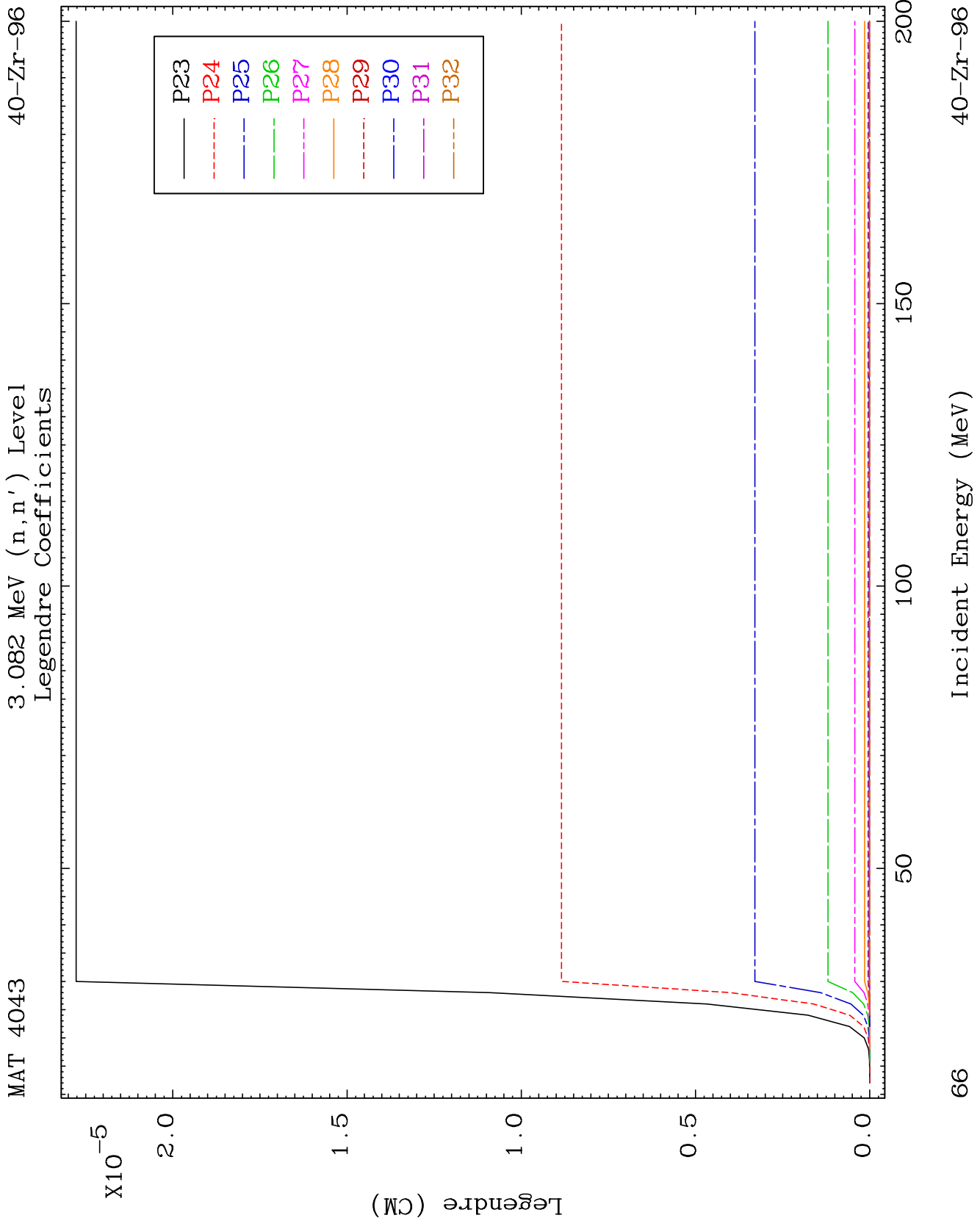
40-Zr-96



65

Incident Energy (MeV)

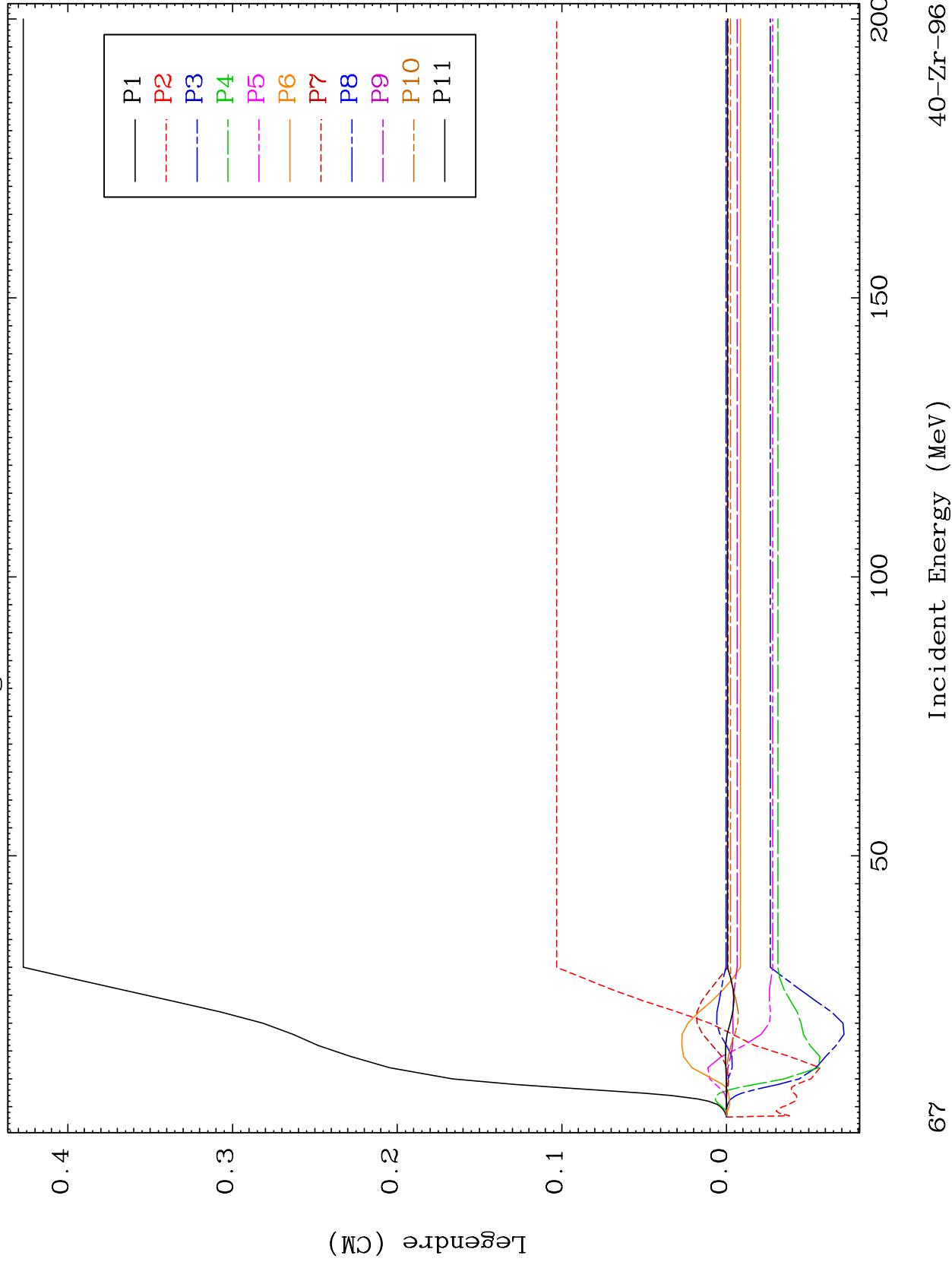
40-Zr-96



MAT 4043

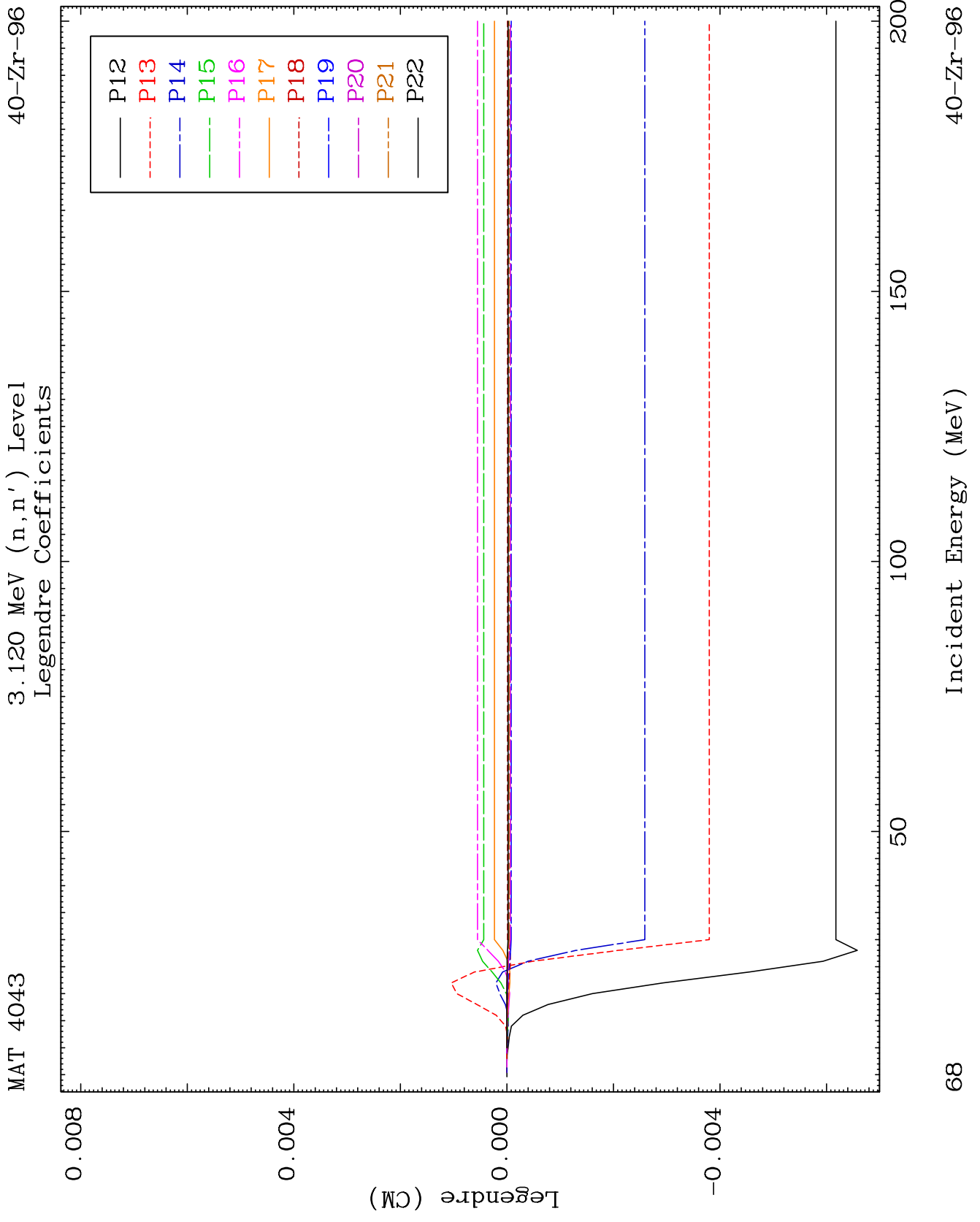
3.120 MeV (n,n') Level
Legendre Coefficients

40-Zr-96



67

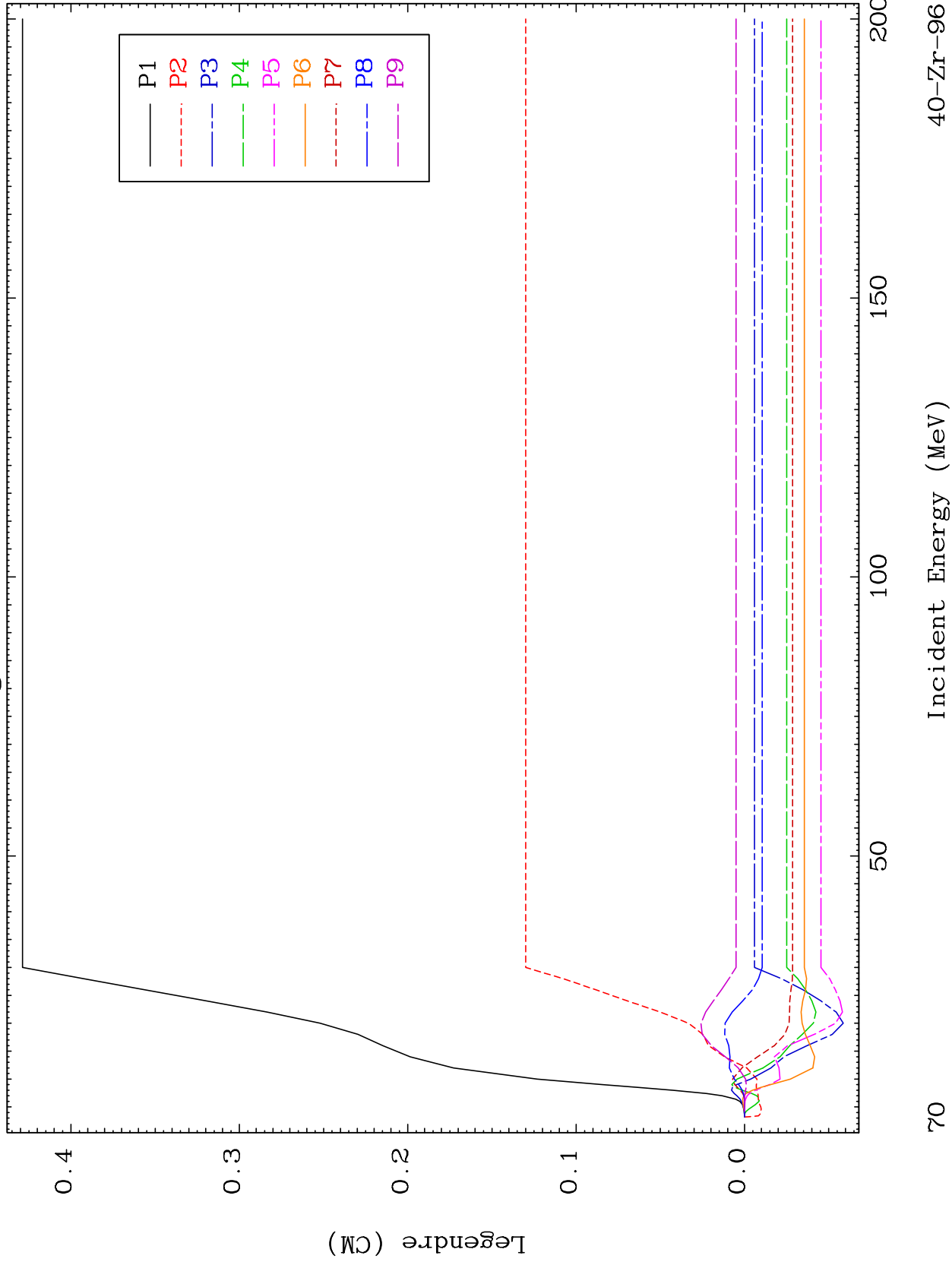
40-Zr-96



MAT 4043

3.150 MeV (n,n') Level
Legendre Coefficients

40-Zr-96



70

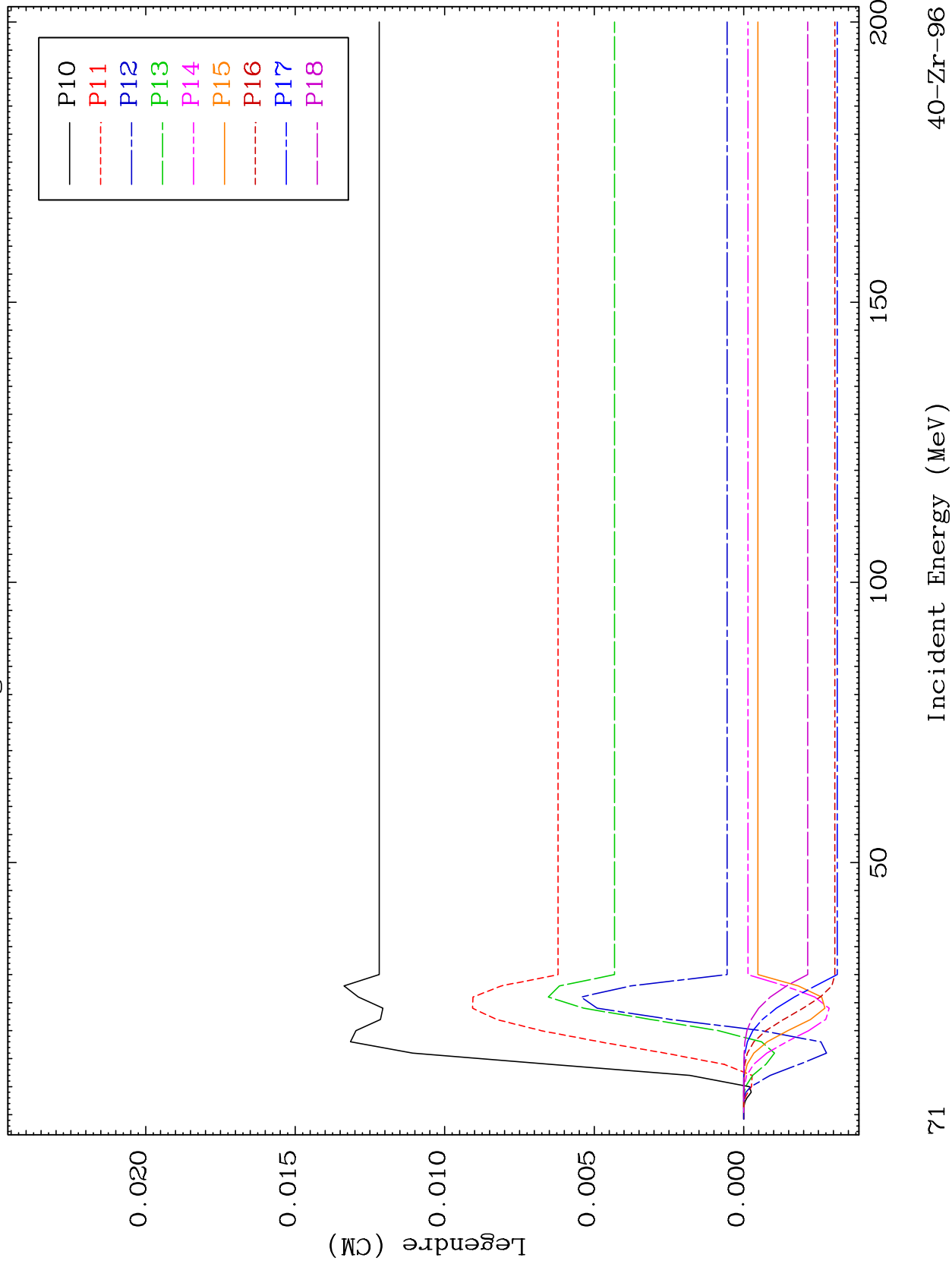
Incident Energy (MeV)

40-Zr-96

MAT 4043

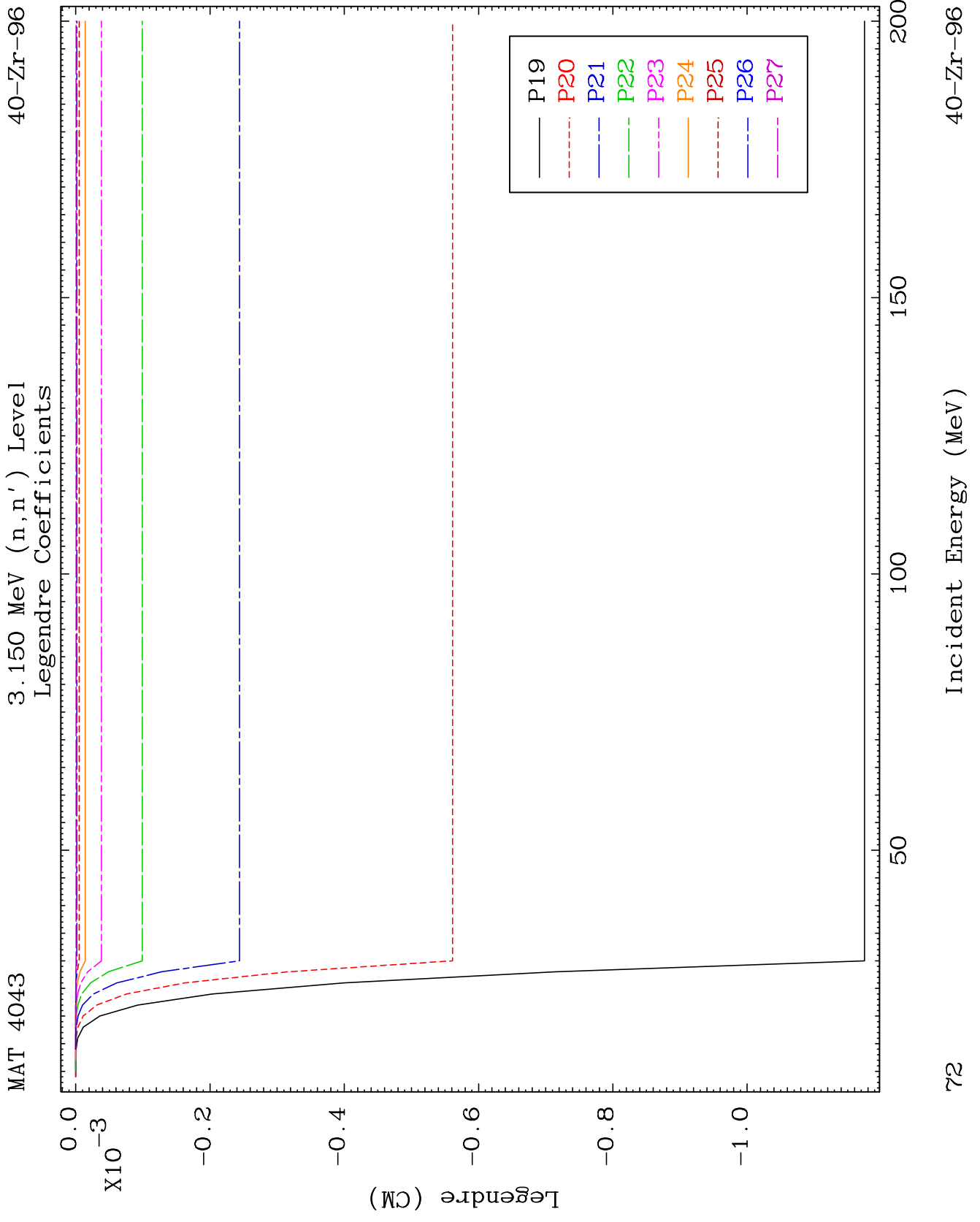
3.150 MeV (n,n') Level
Legendre Coefficients

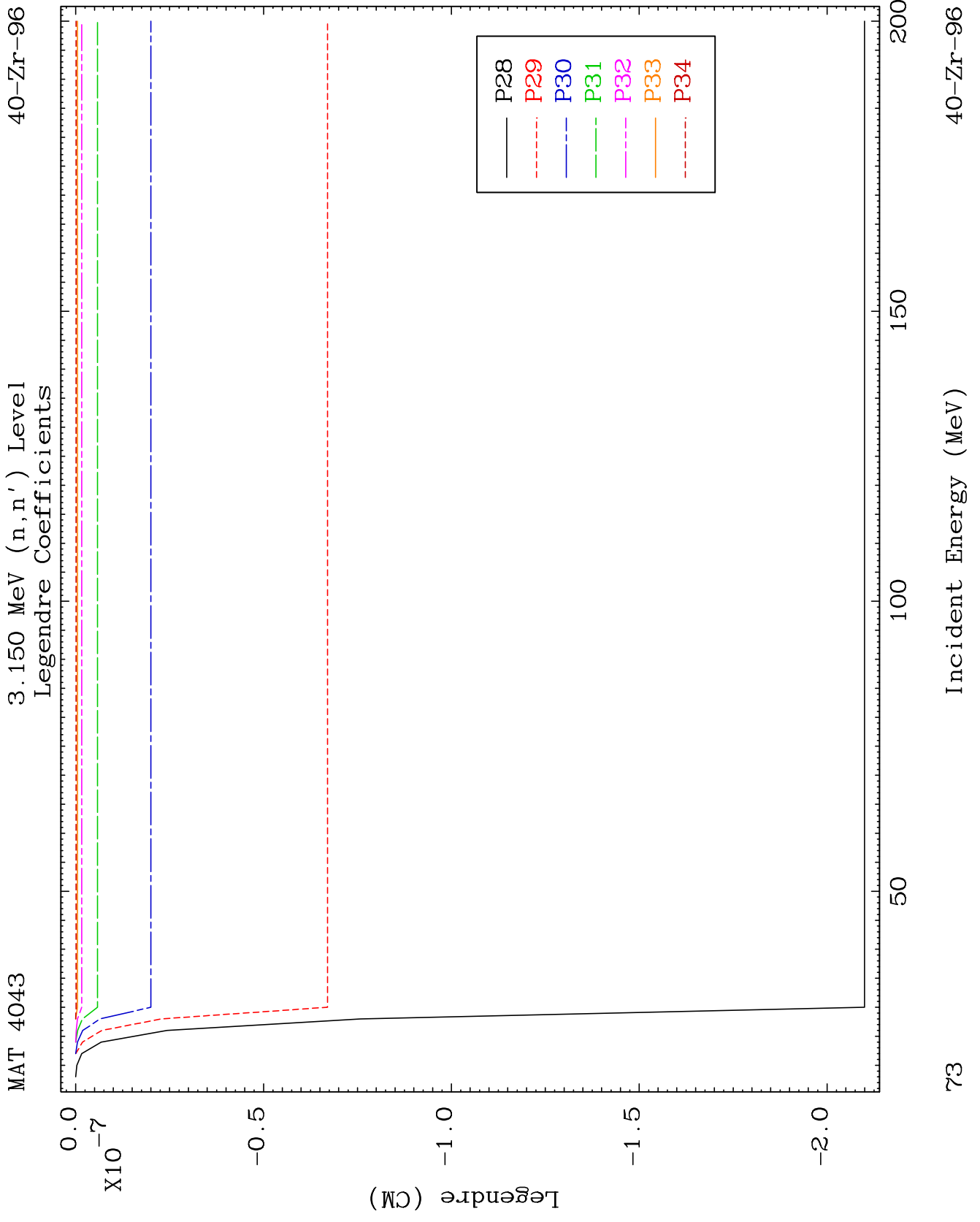
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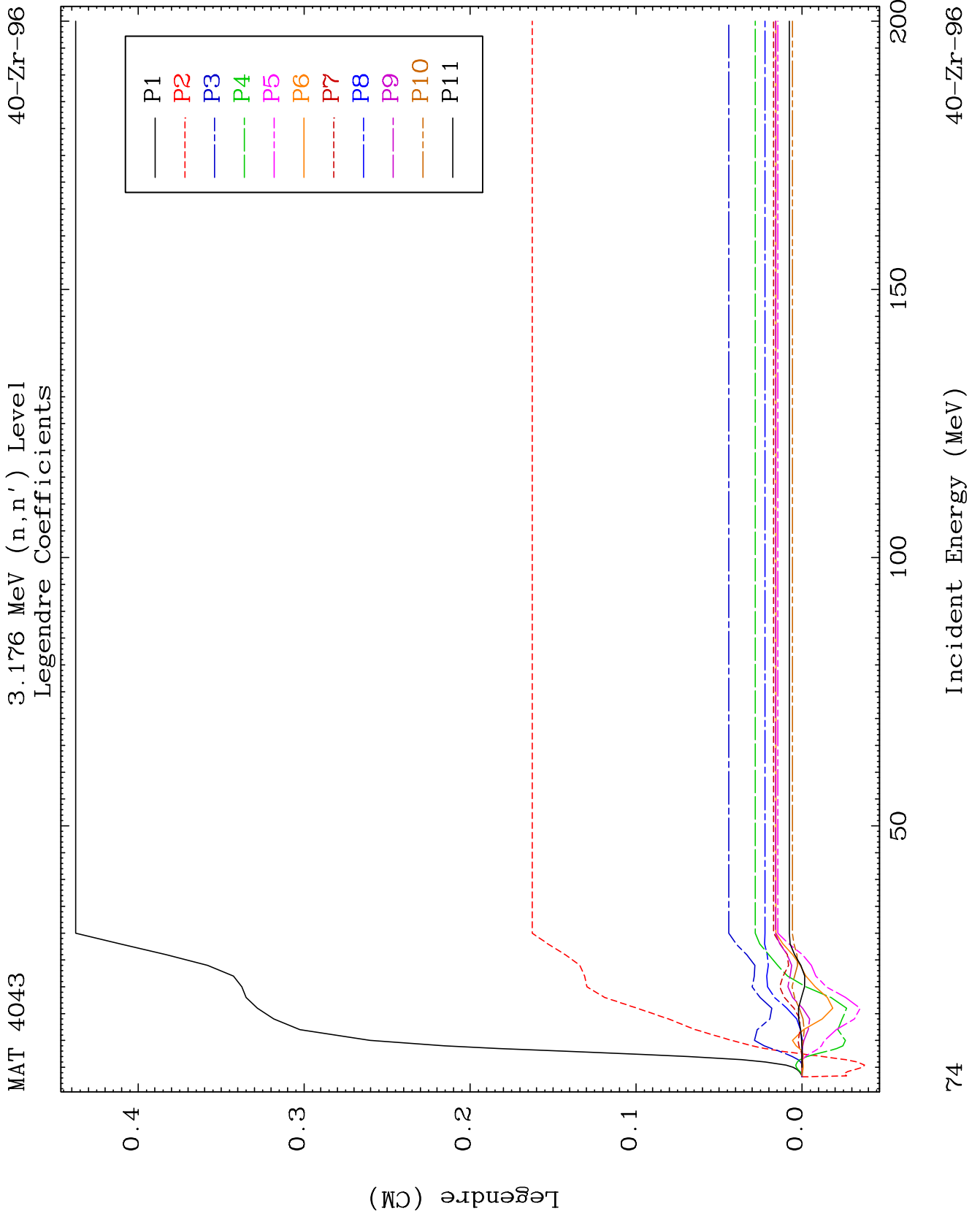


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40-Zr-96



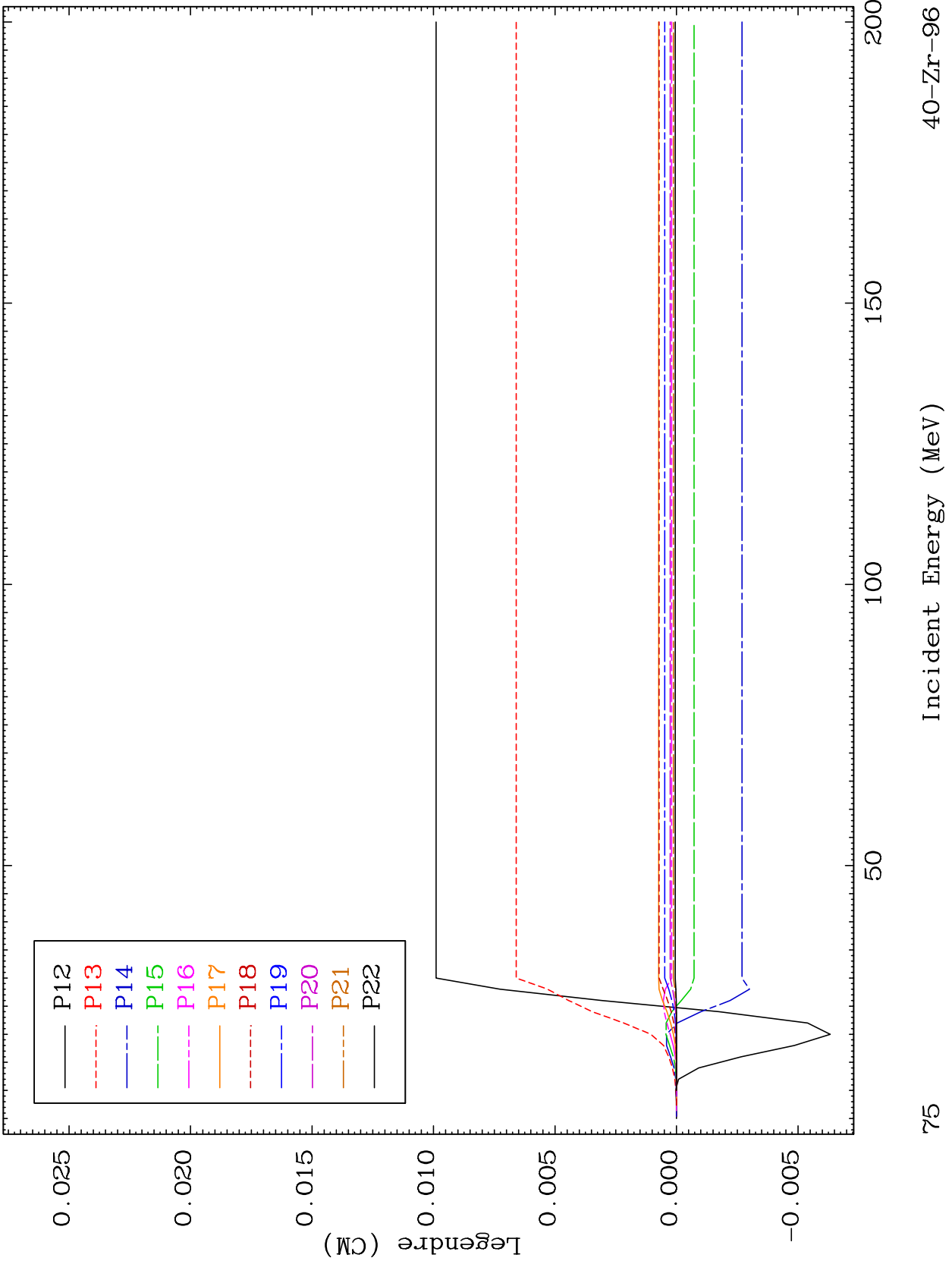




MAT 4043

3.176 MeV (n,n') Level Legendre Coefficients

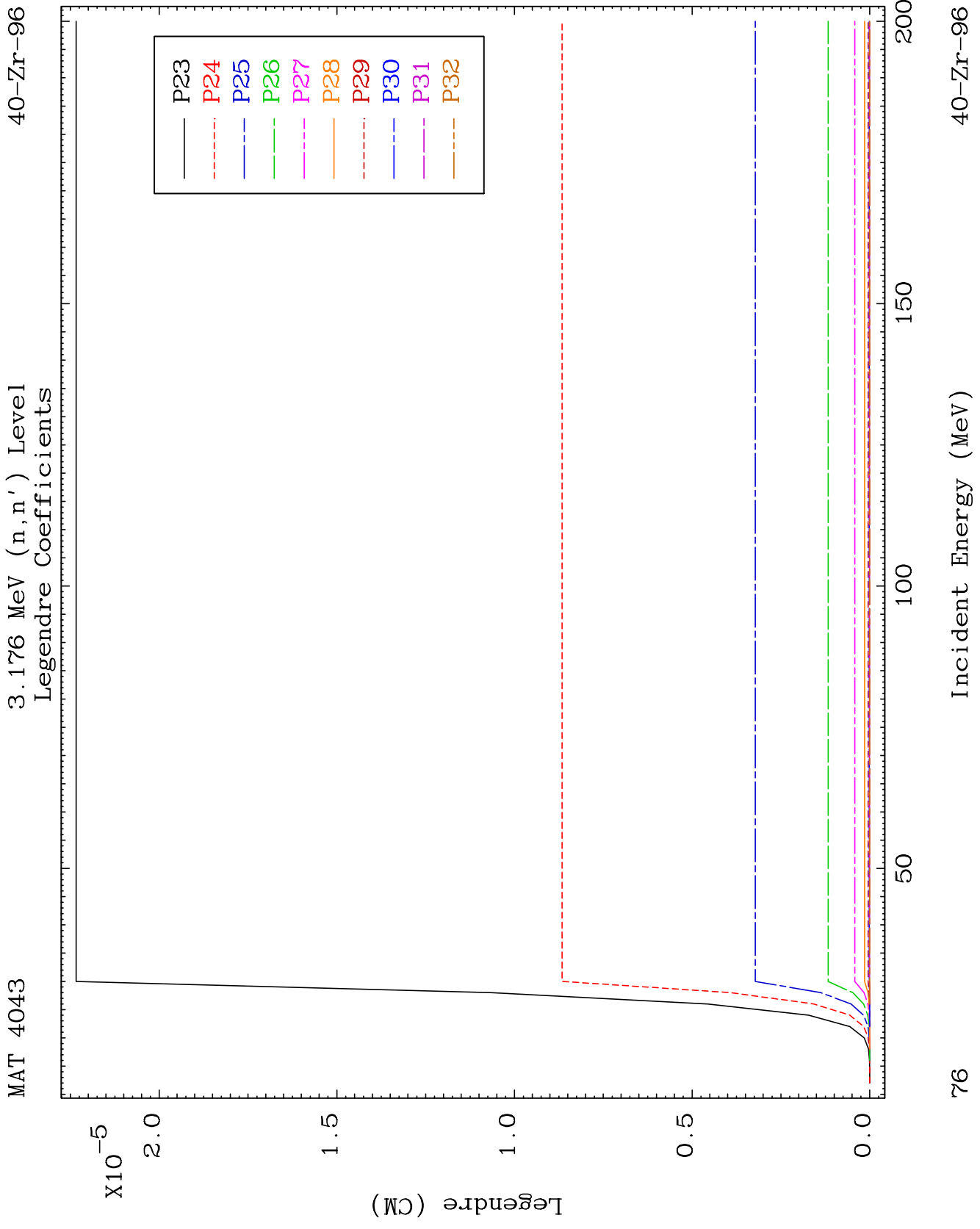
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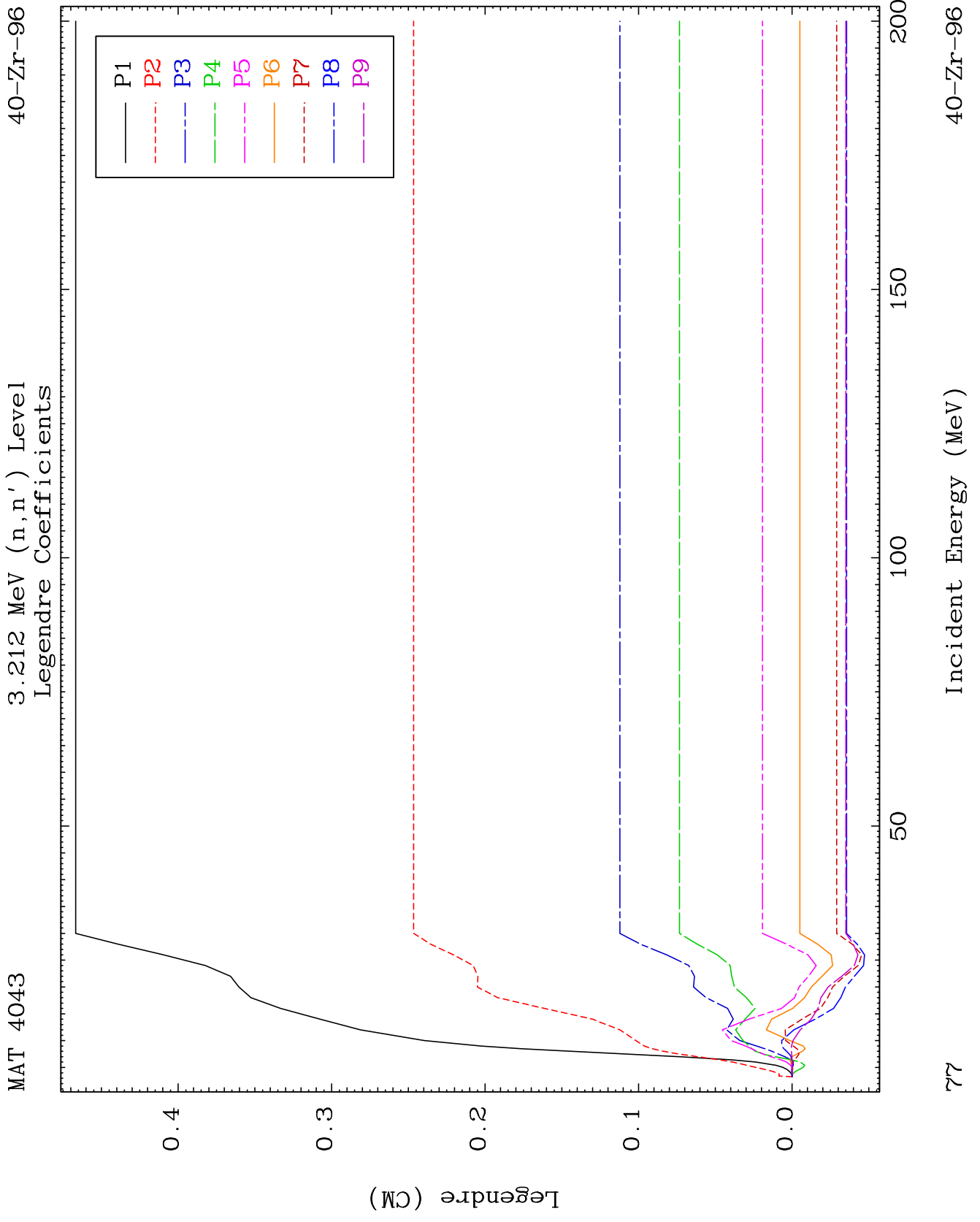


75

Incident Energy (MeV)

40-Zr-96

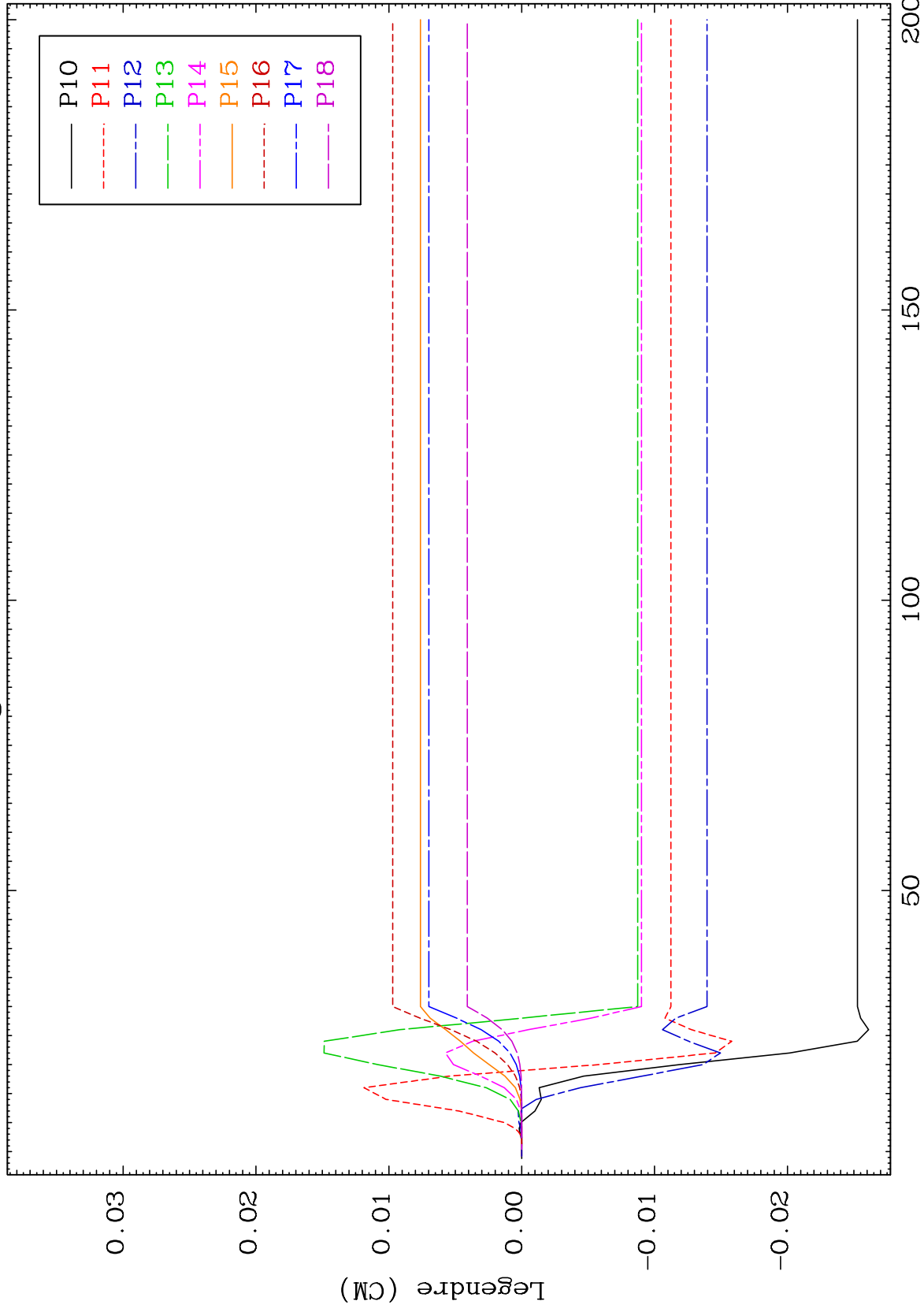




MAT 4043

3.212 MeV (n,n') Level
Legendre Coefficients

40-Zr-96



78

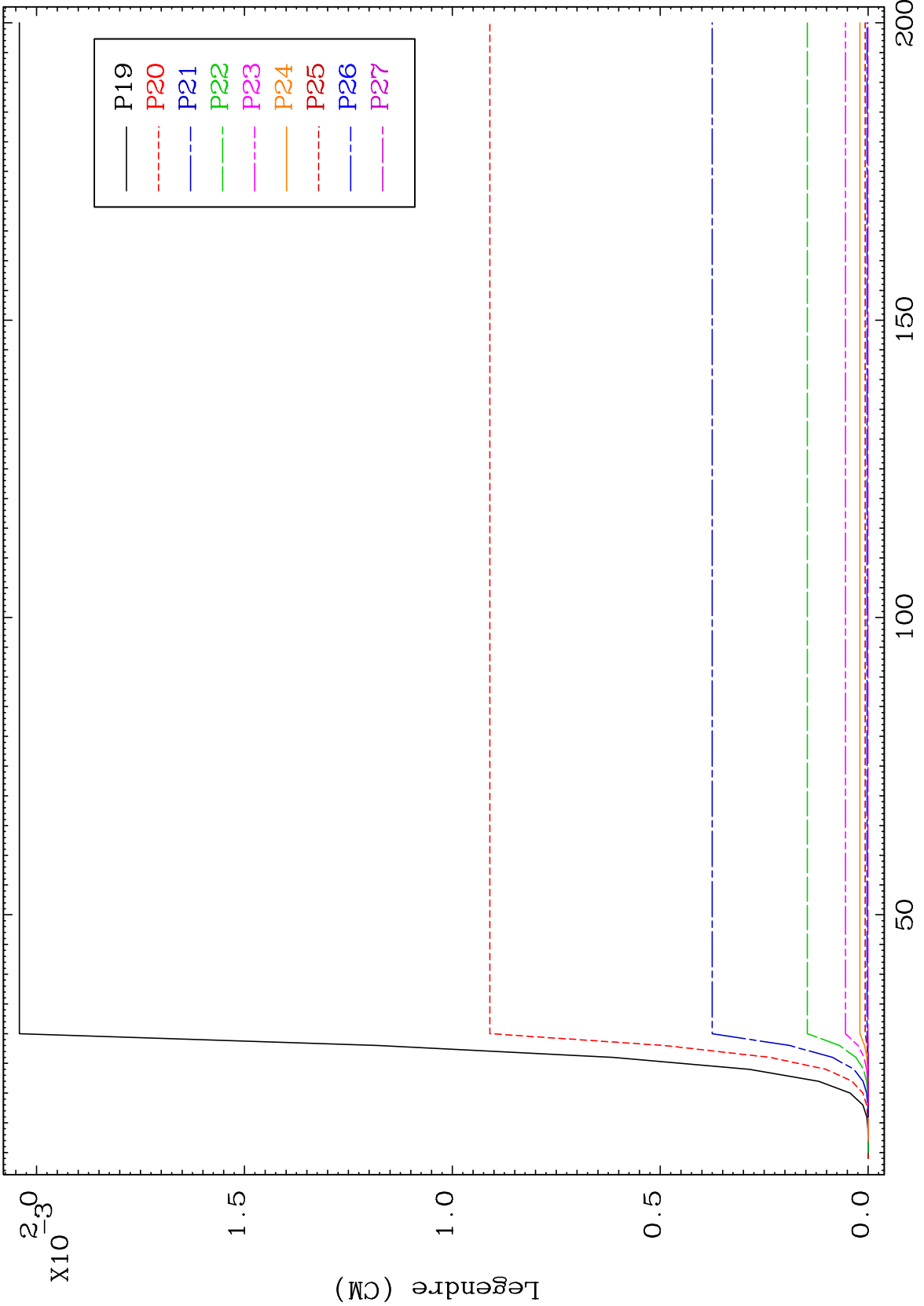
Incident Energy (MeV)

40-Zr-96

MAT 4043

3.212 MeV (n,n') Level
Legendre Coefficients

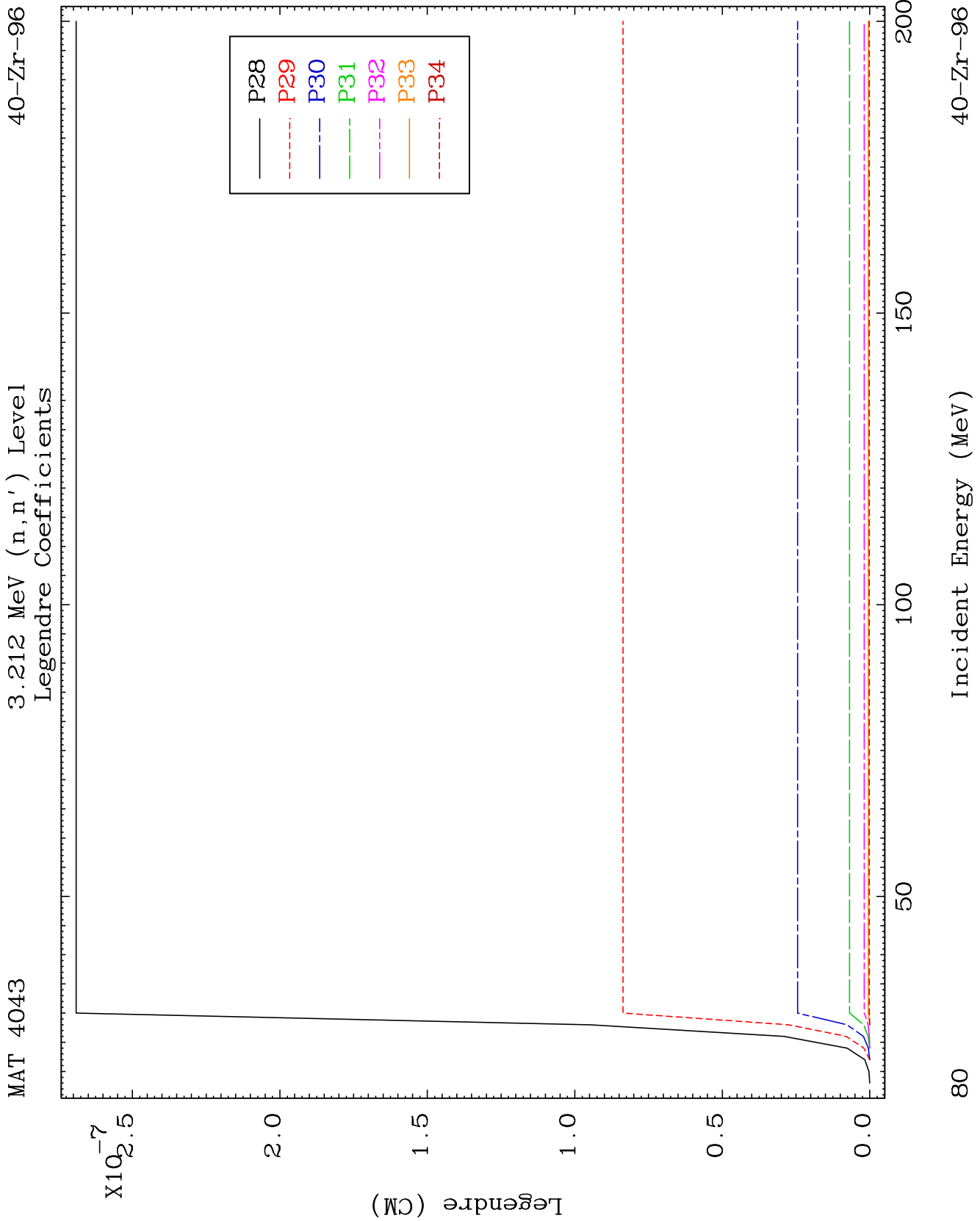
40-Zr-96



40-Zr-96

Incident Energy (MeV)

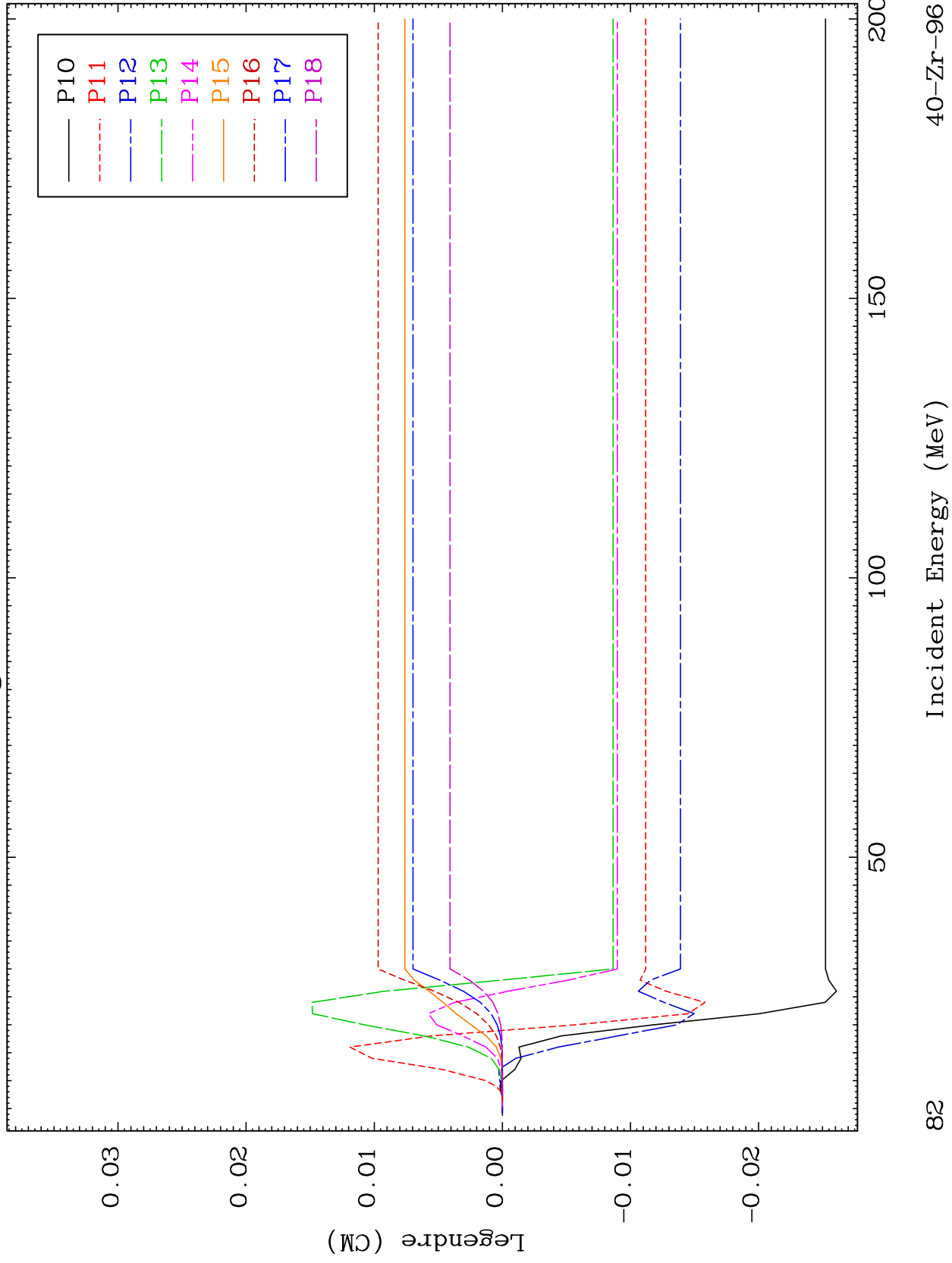
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MAT 4043

3.244 MeV (n,n') Level
Legendre Coefficients

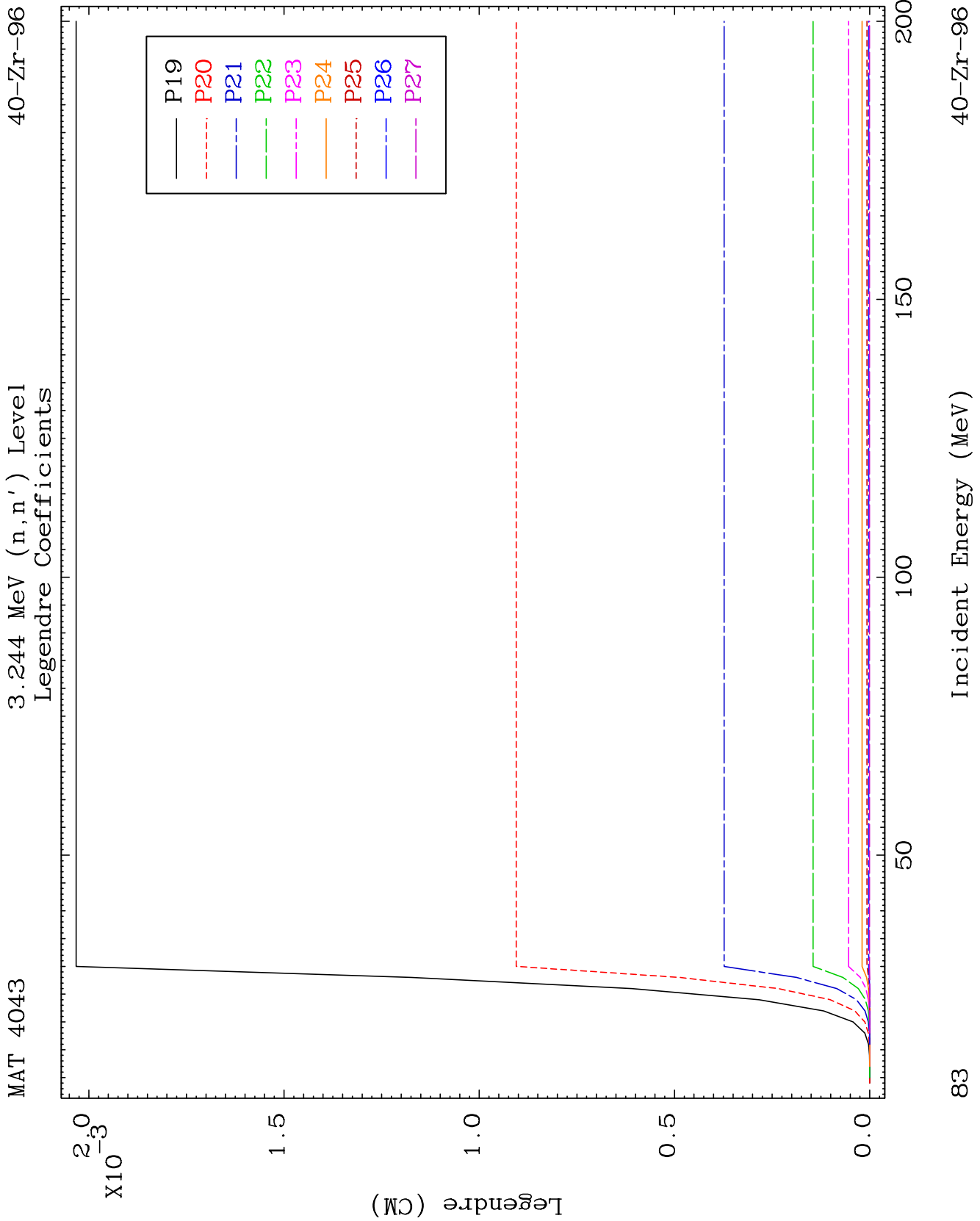
40-Zr-96

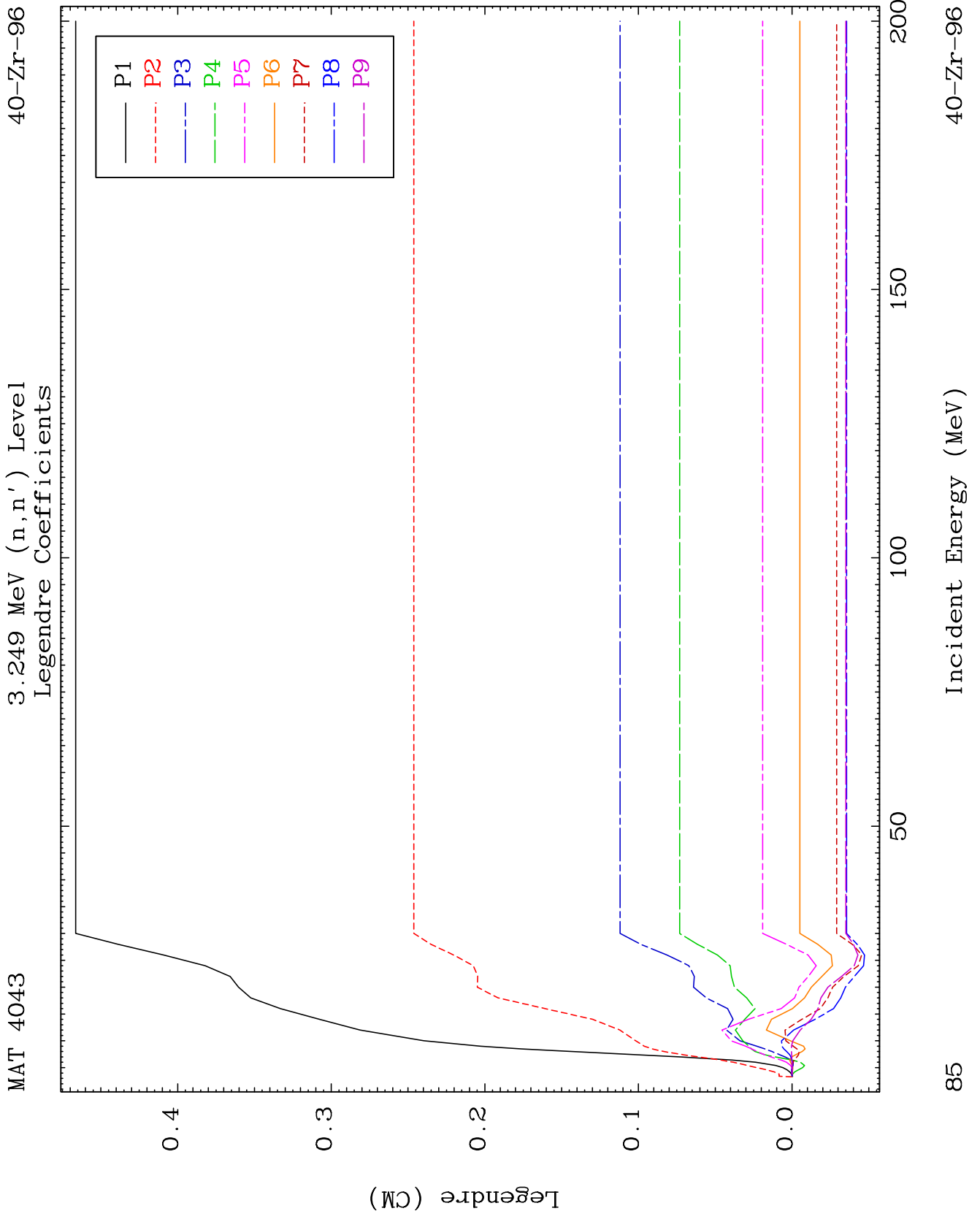


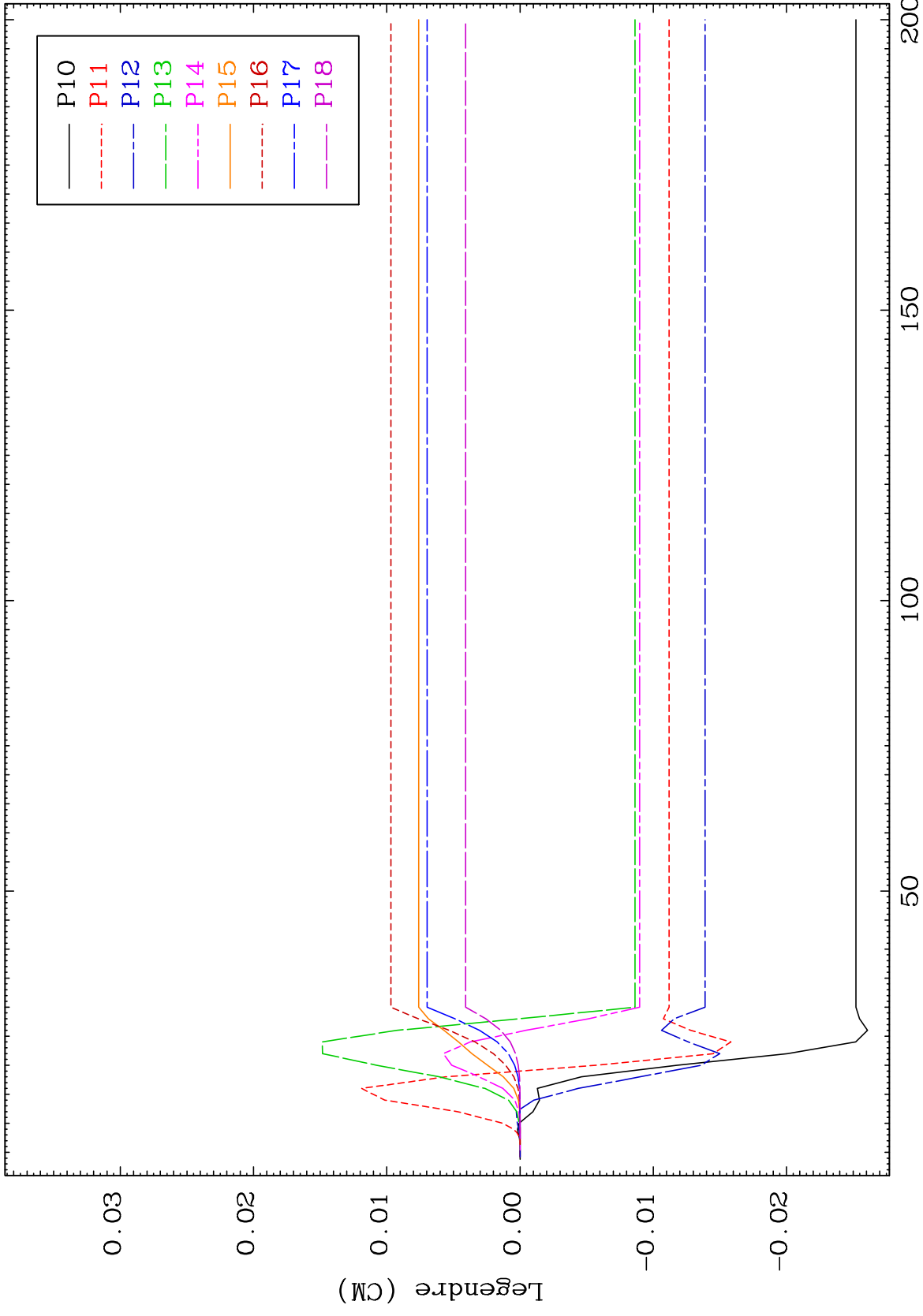
82

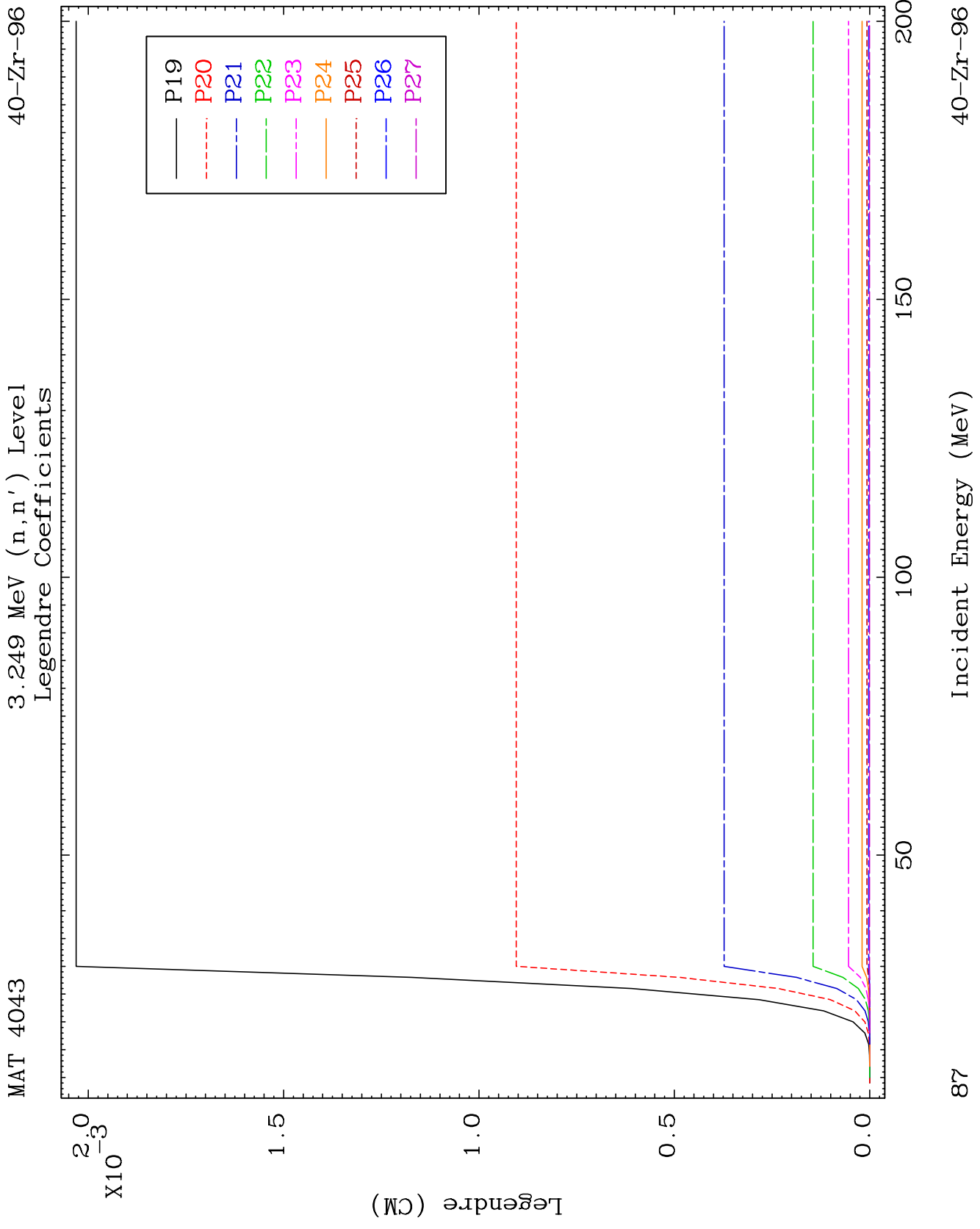
Incident Energy (MeV)

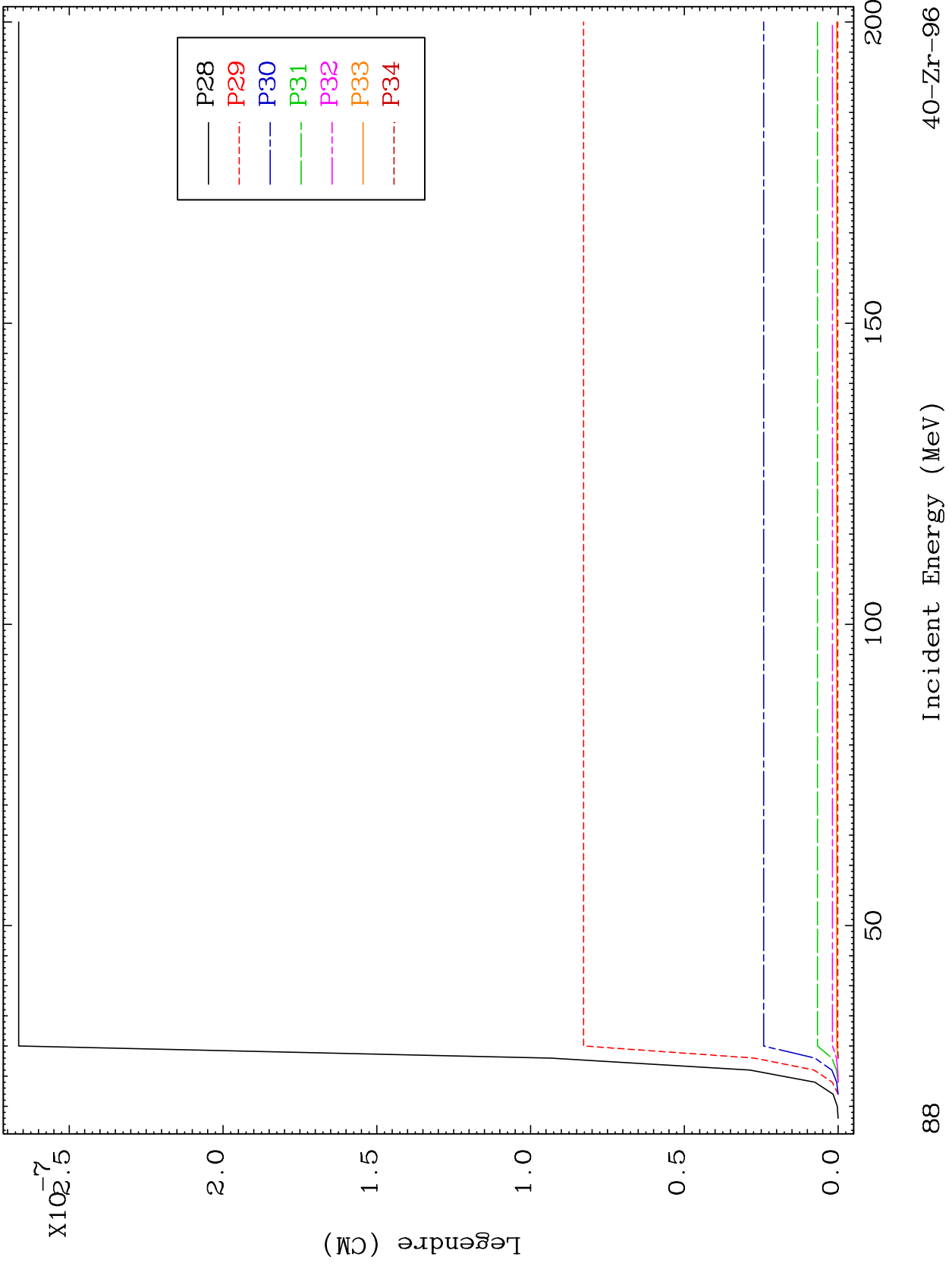
40-Zr-96







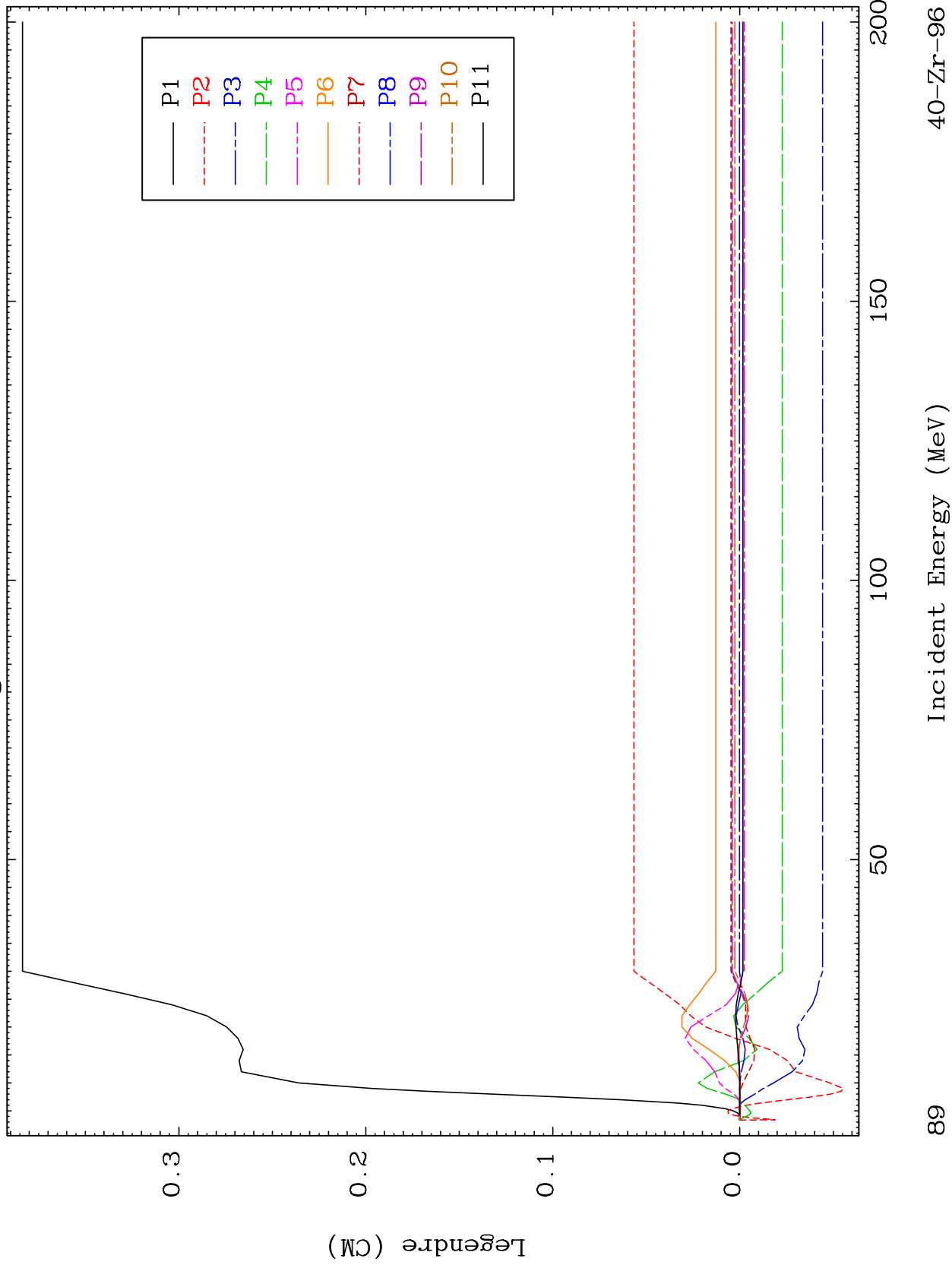




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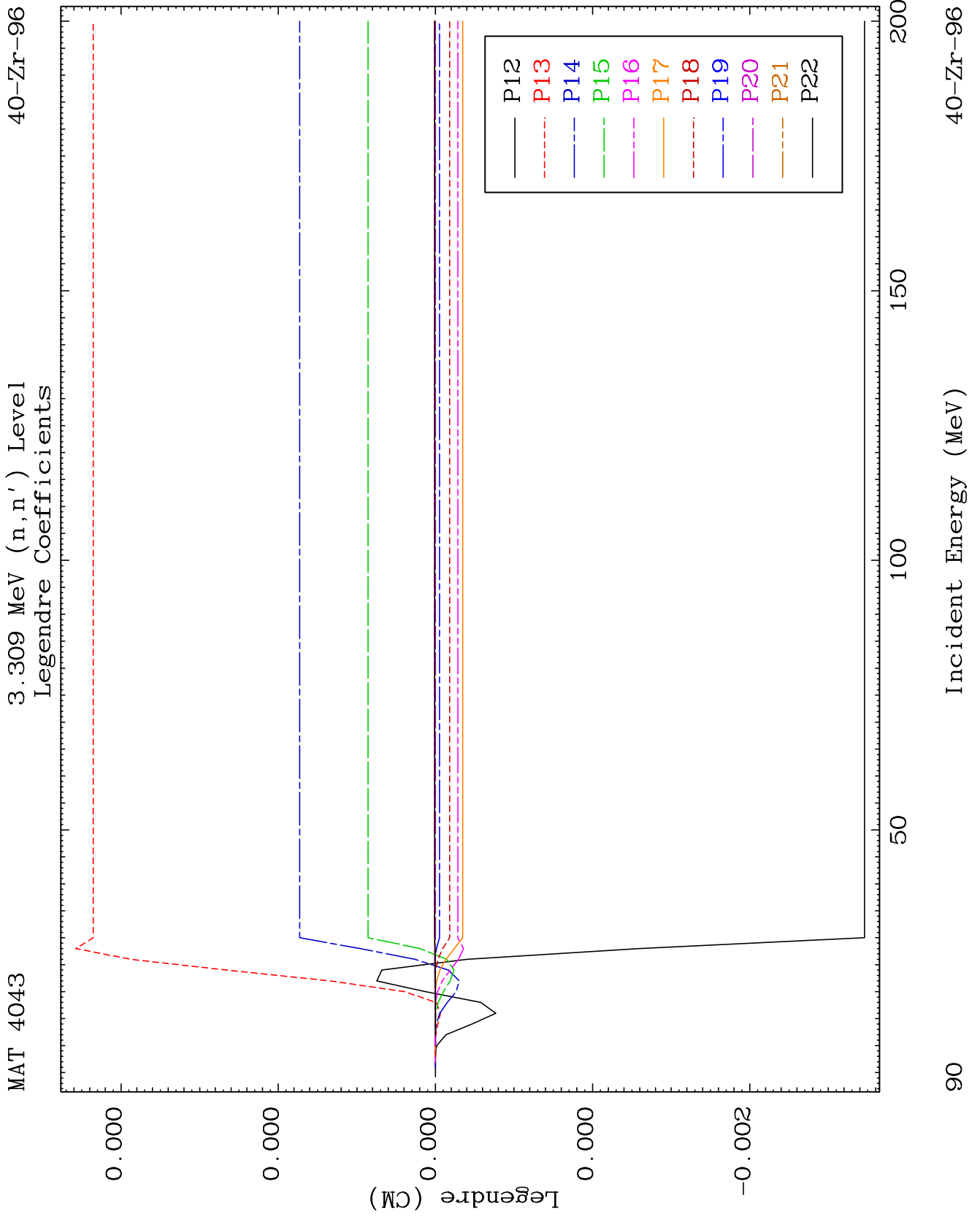
3.309 MeV (n,n') Level
Legendre Coefficients

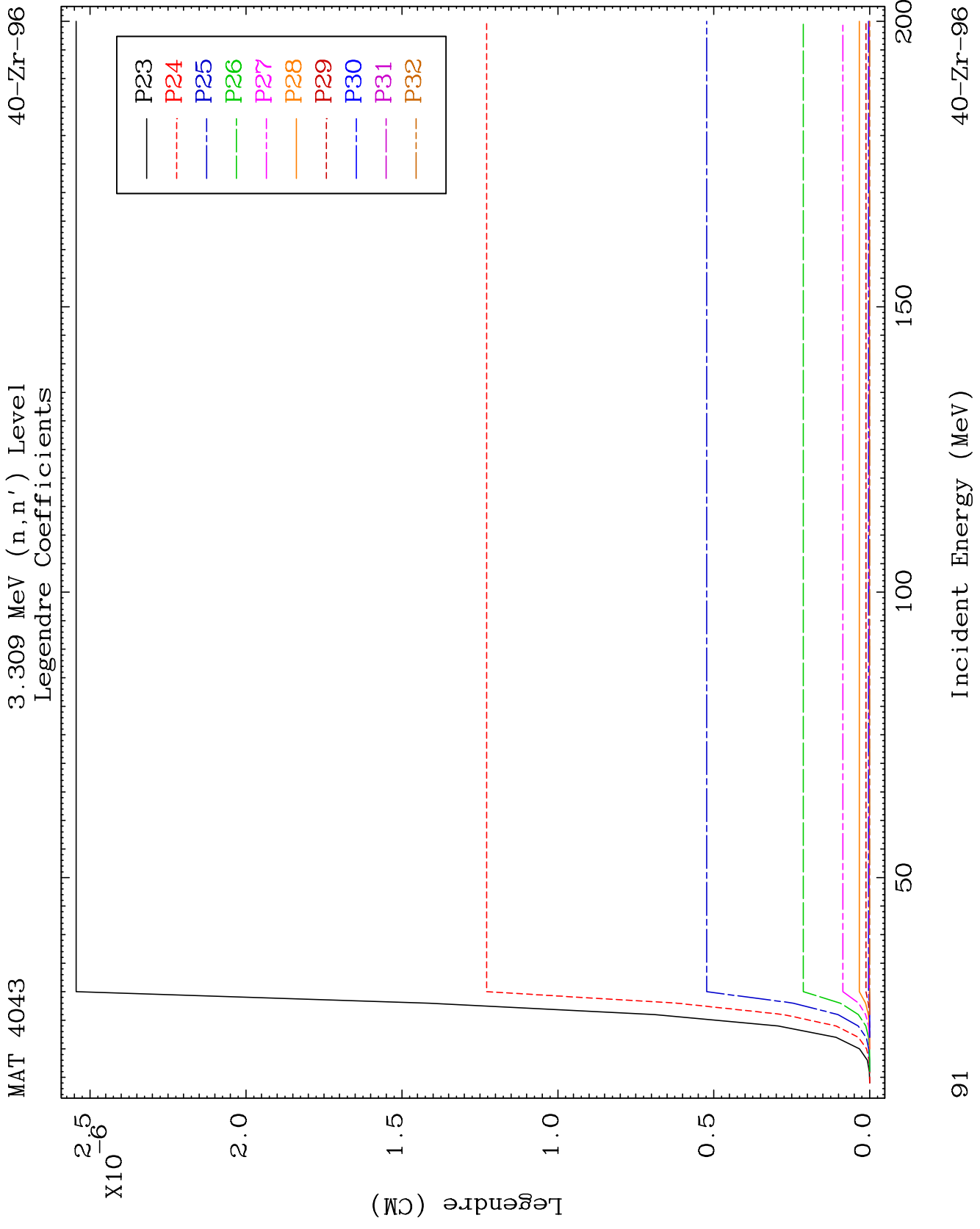
40-Zr-96



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40-Zr-96

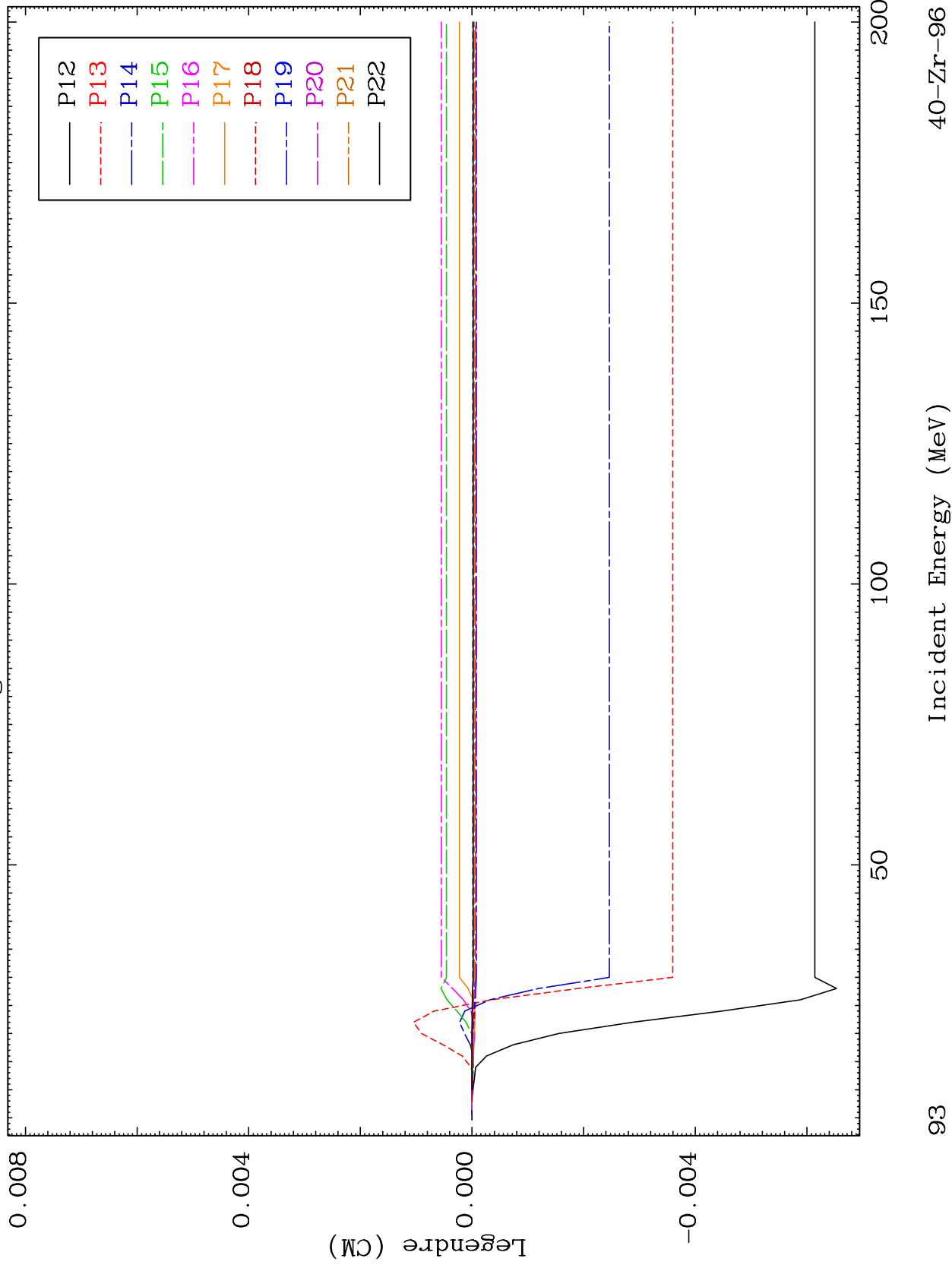




MAT 4043

3.363 MeV (n,n') Level
Legendre Coefficients

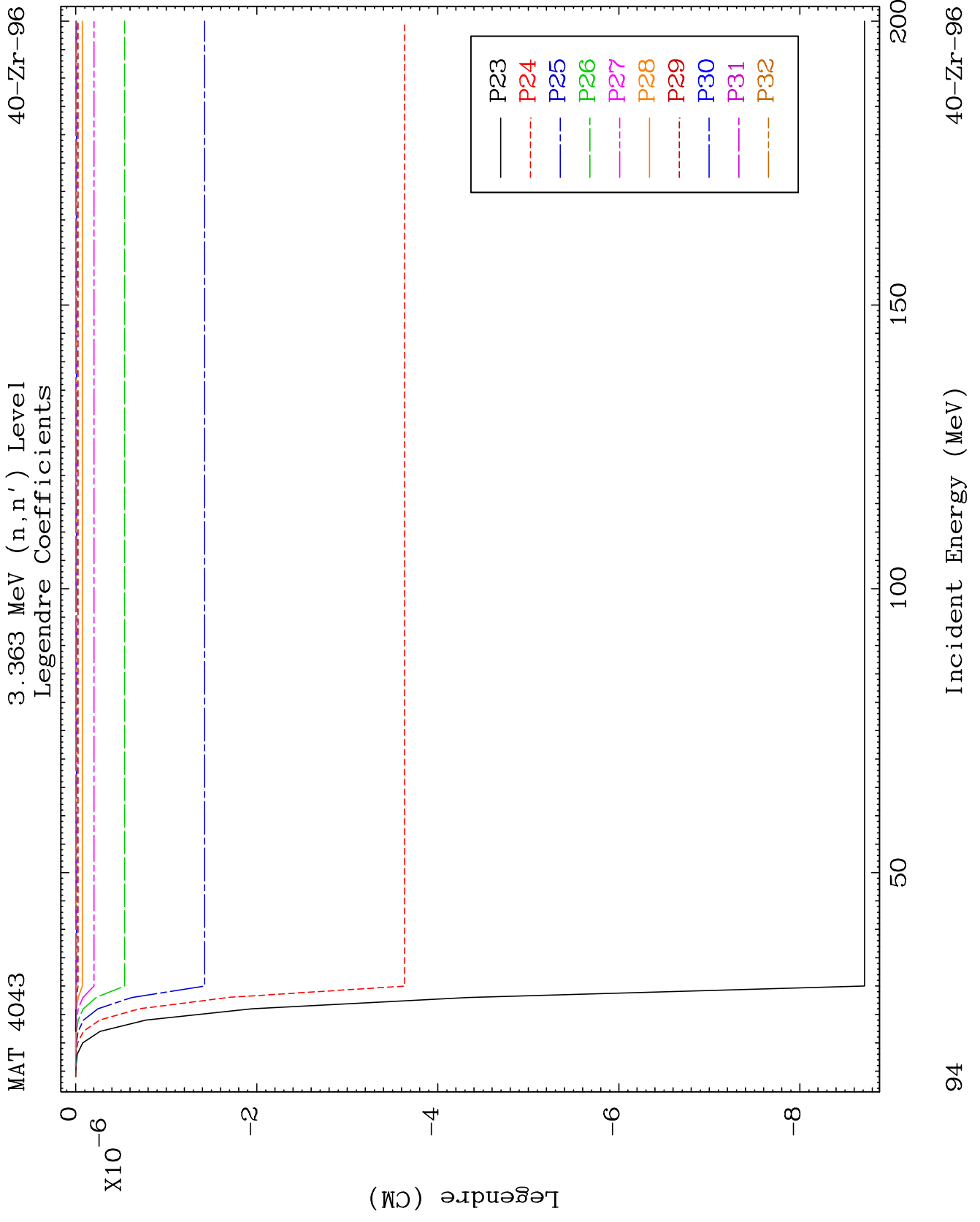
40-Zr-96

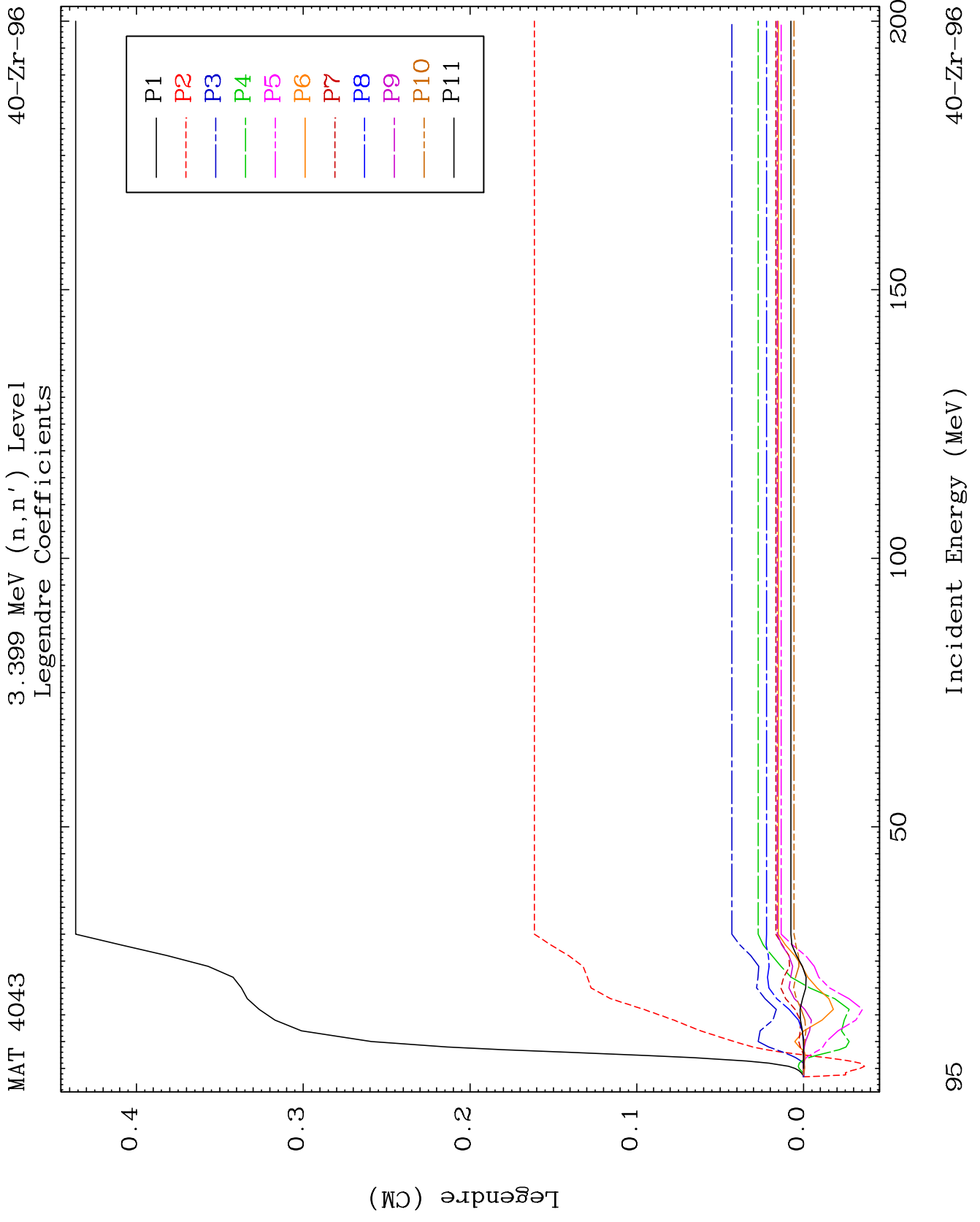


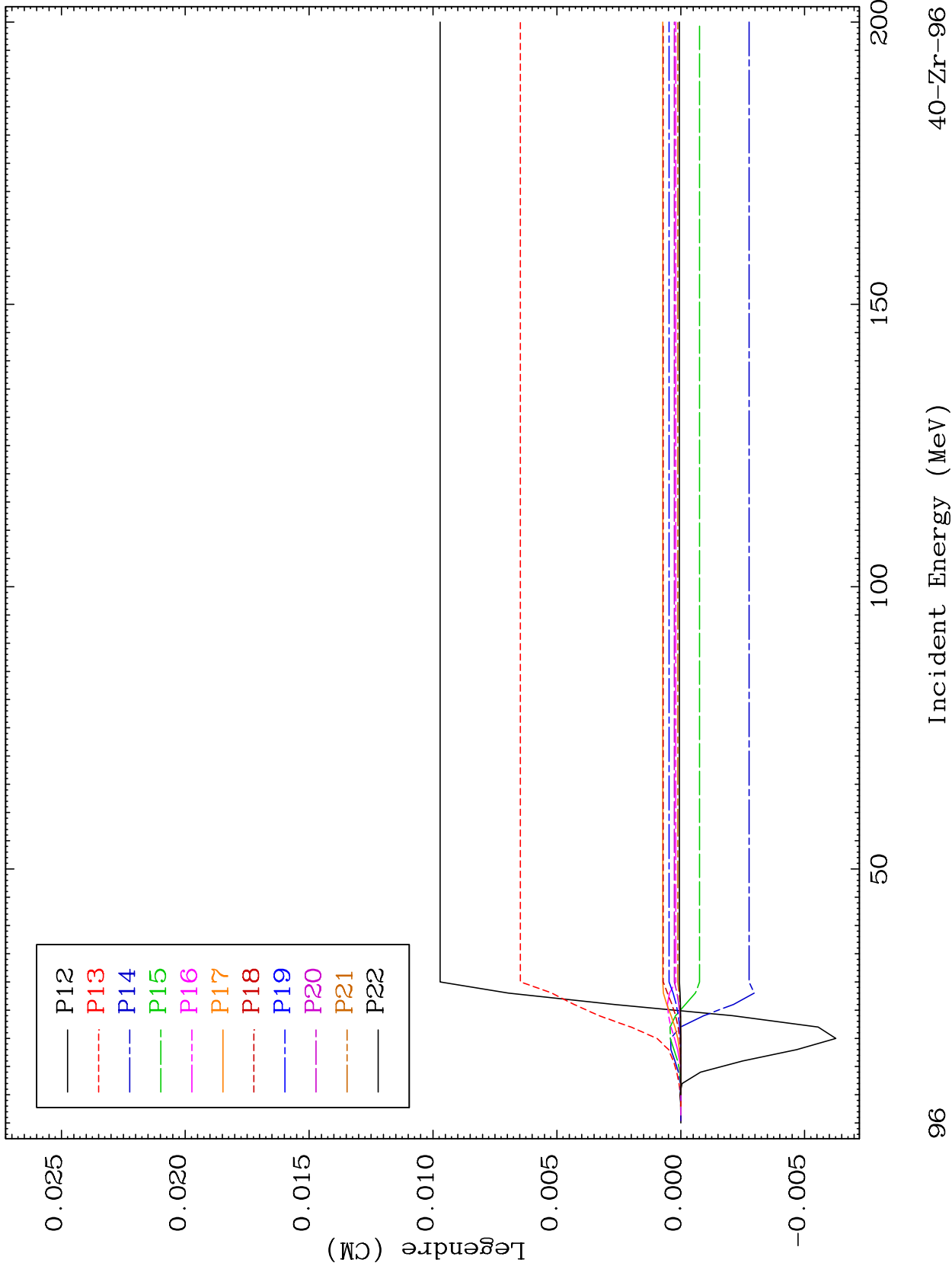
93

Incident Energy (MeV)

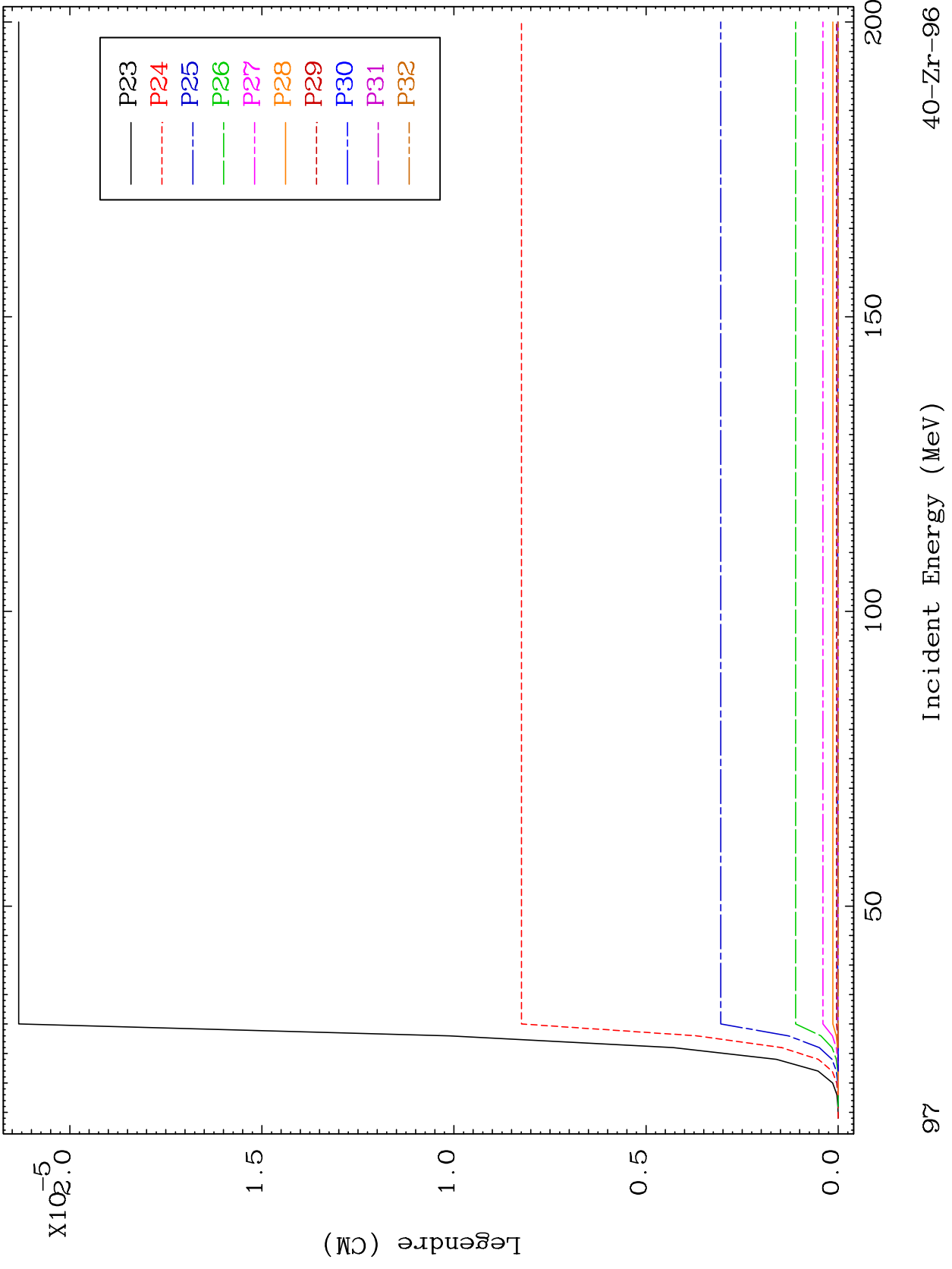
40-Zr-96

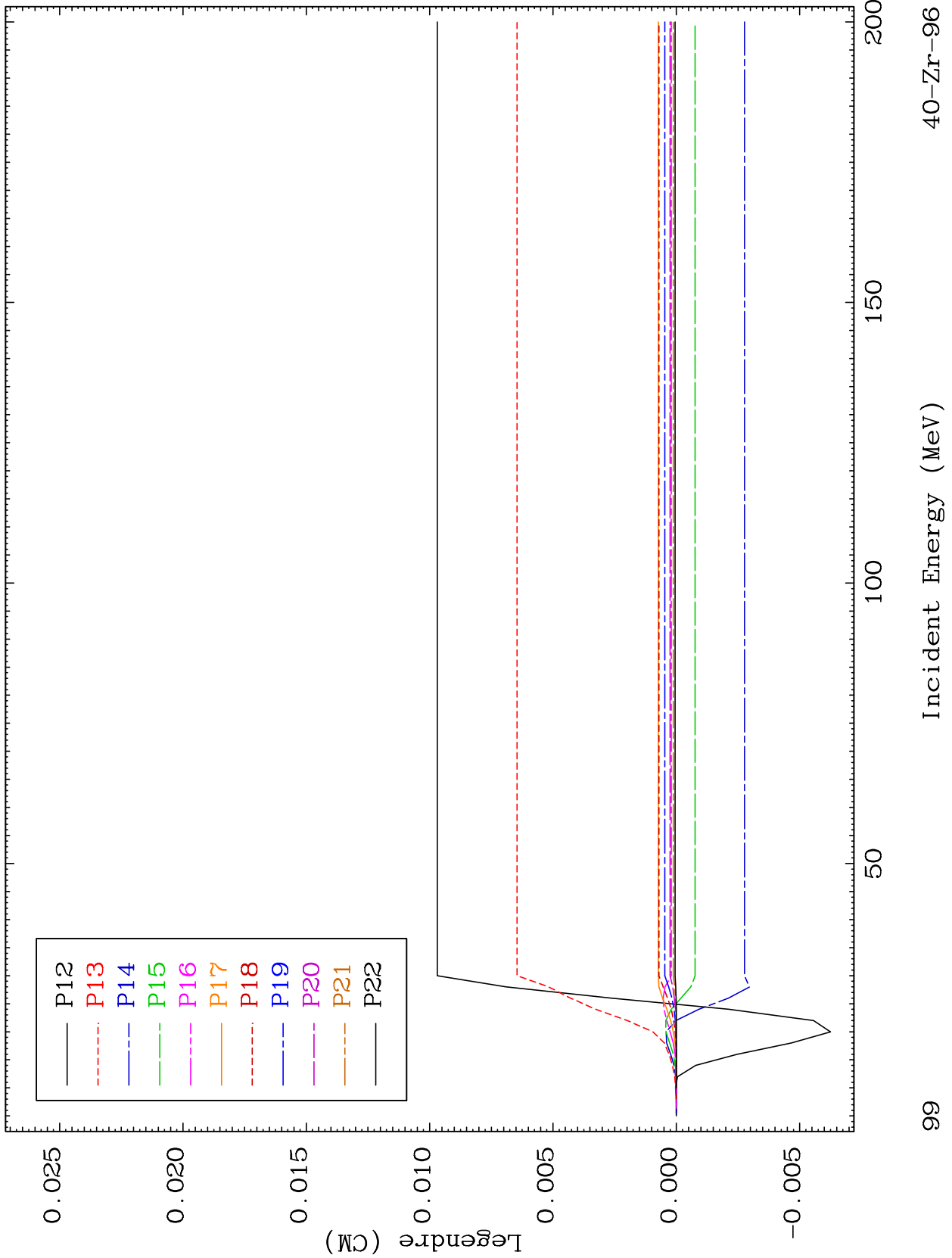


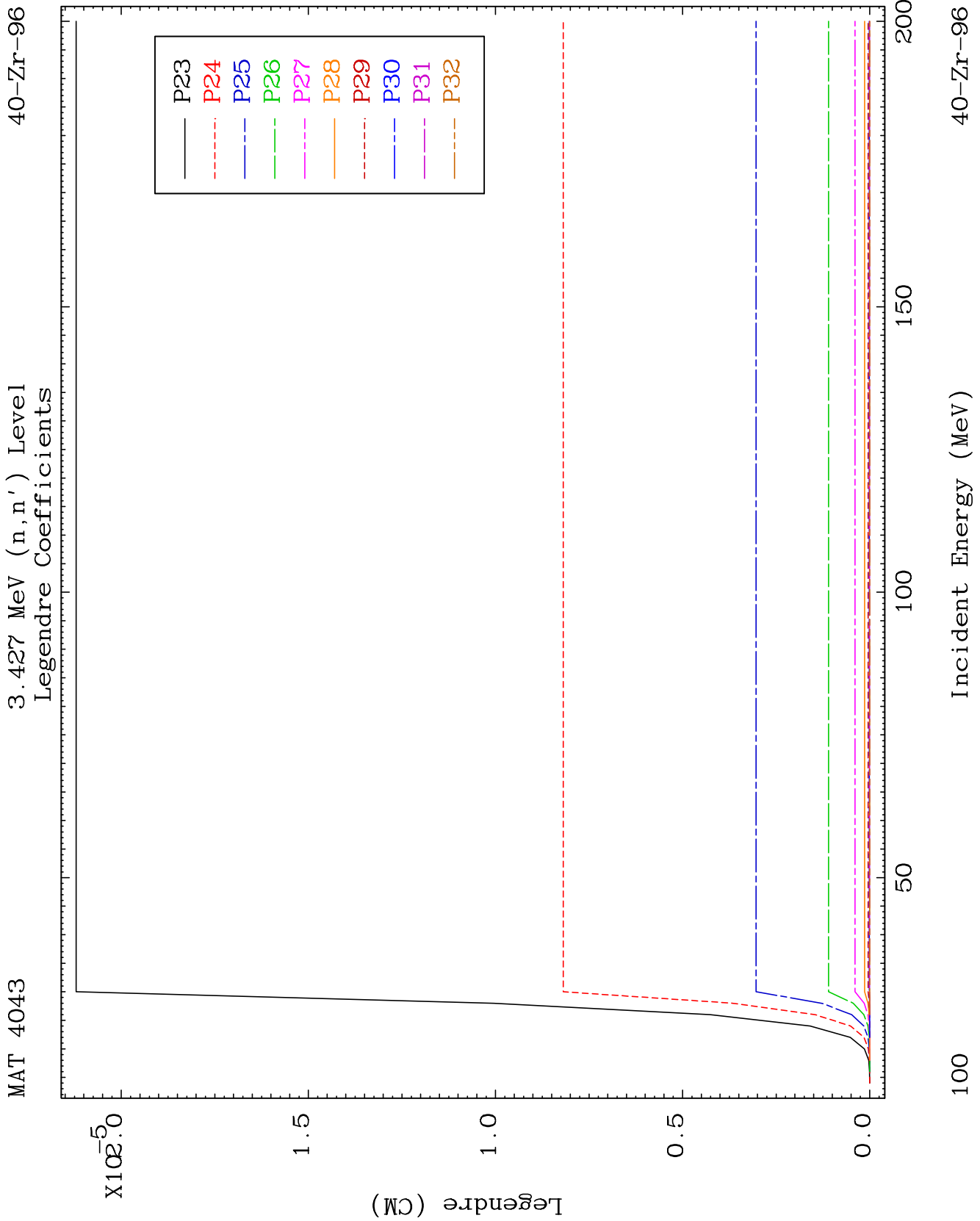


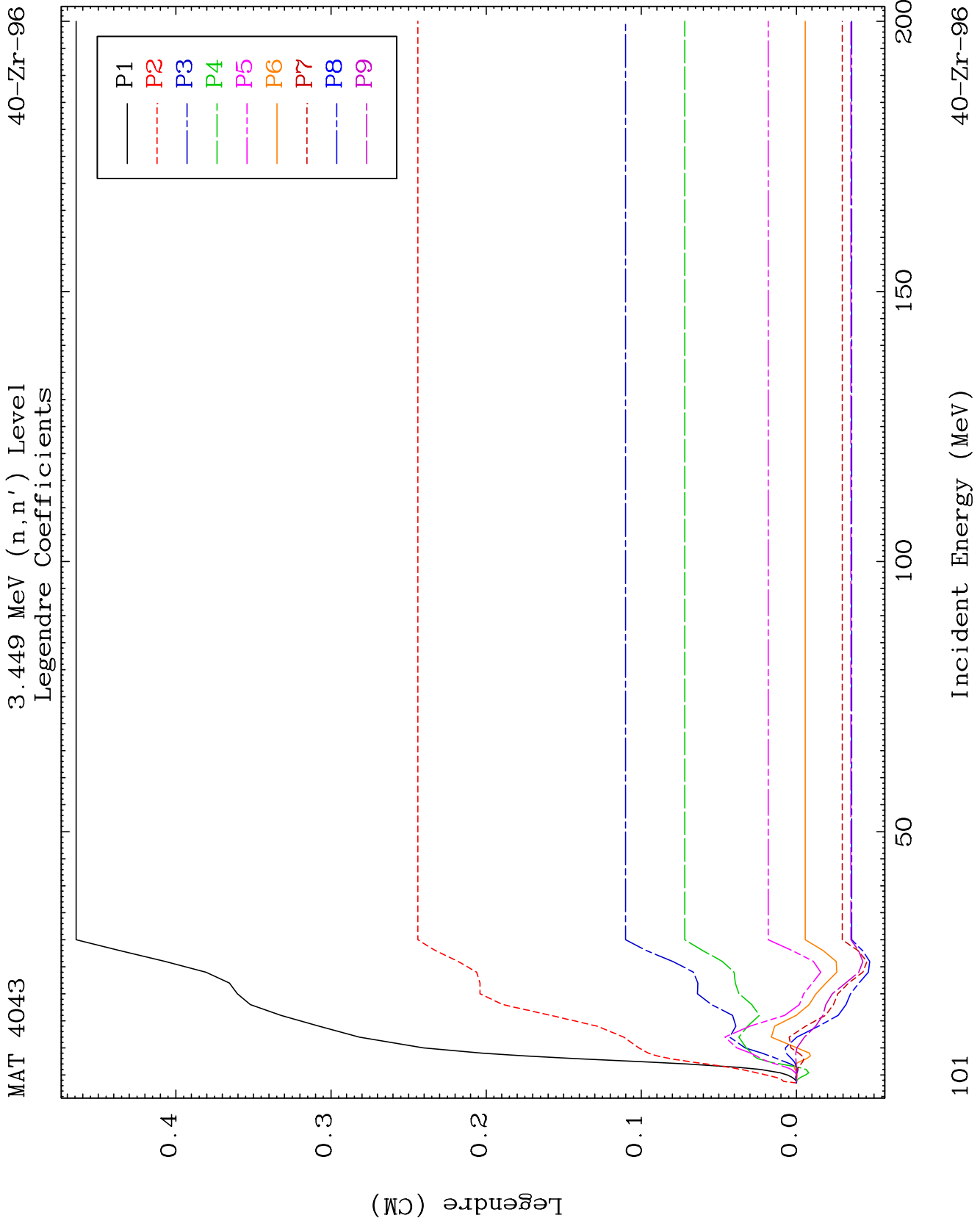


MAT 4043 3.399 MeV (n,n') Level Legendre Coefficients 40-Zr-96





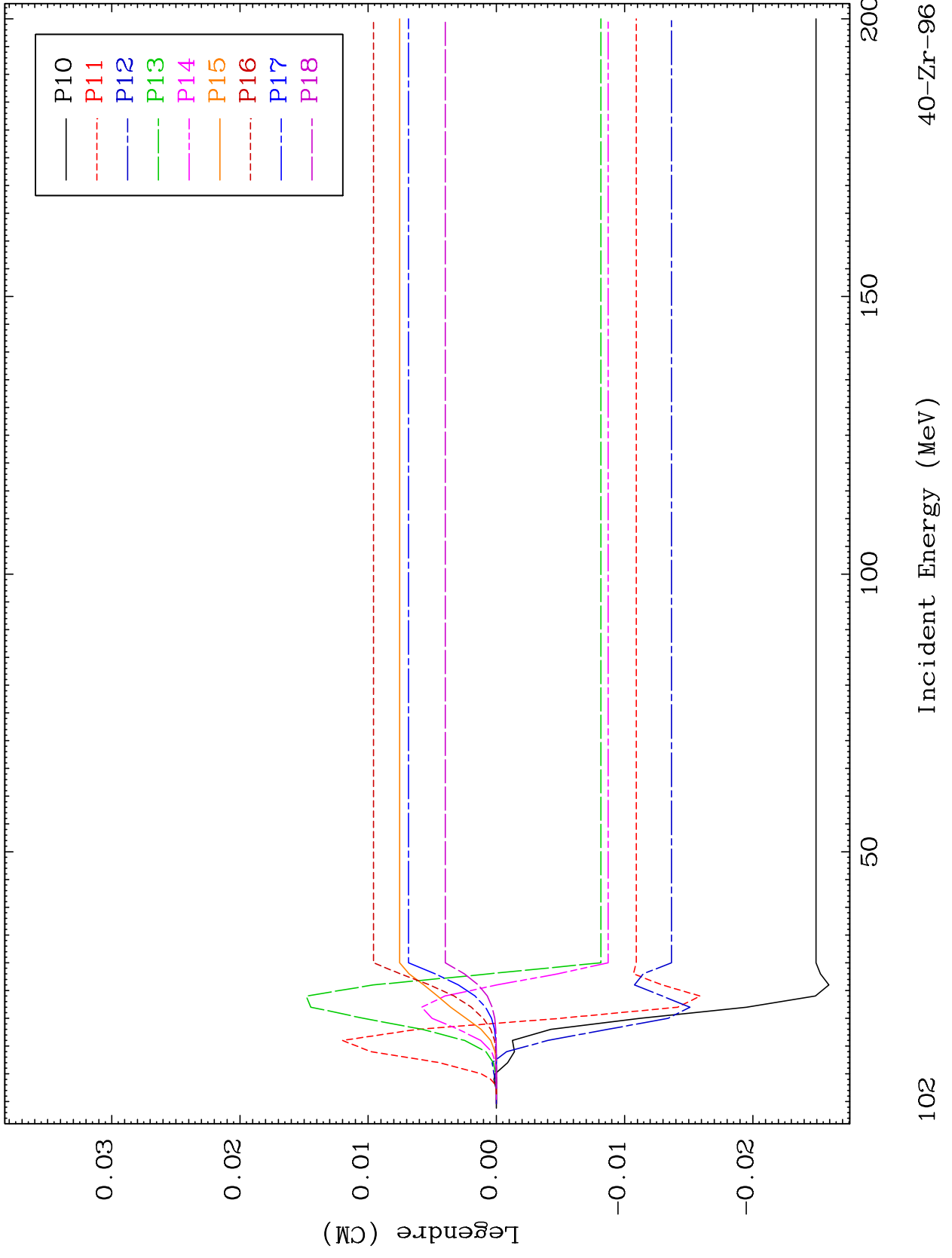


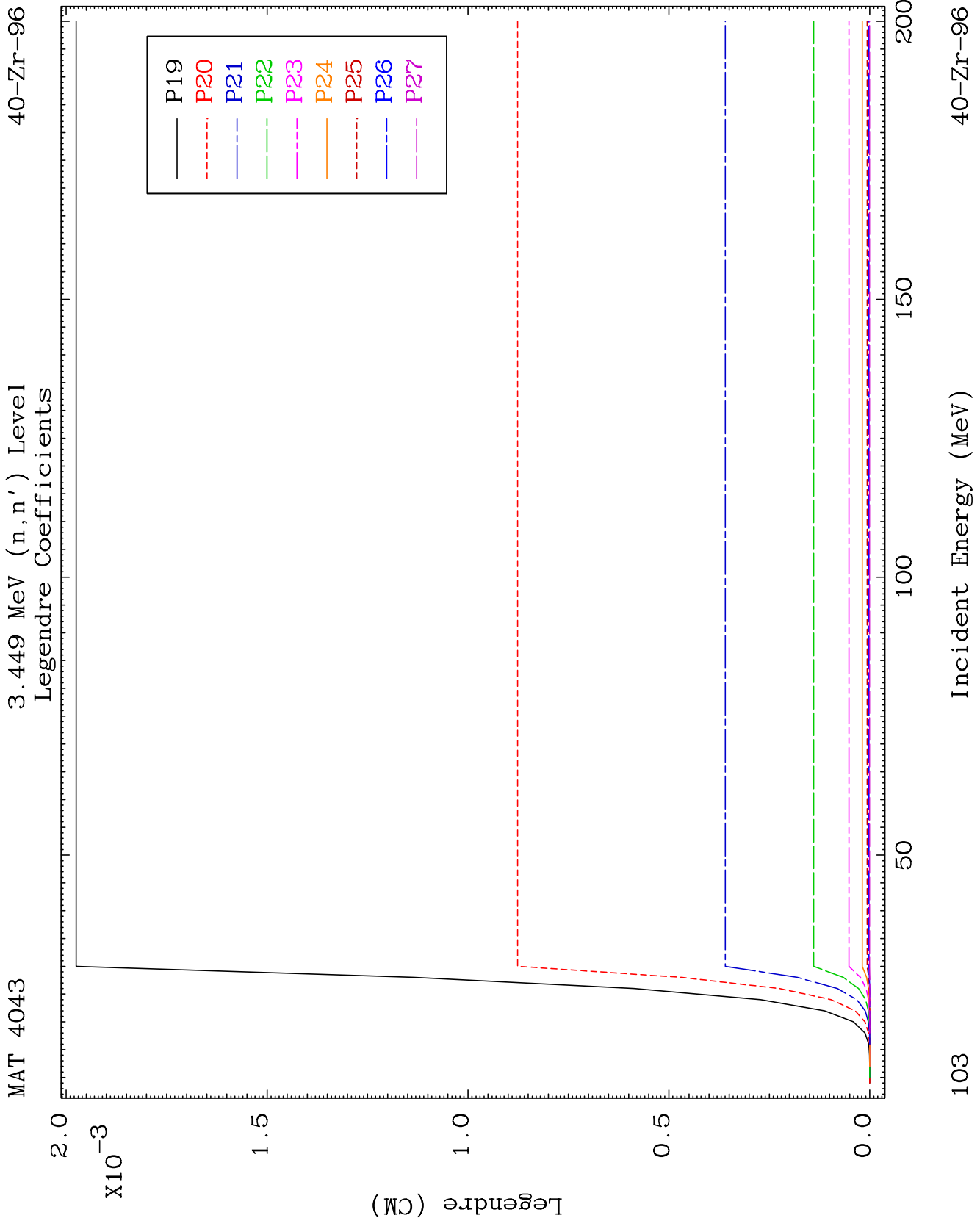


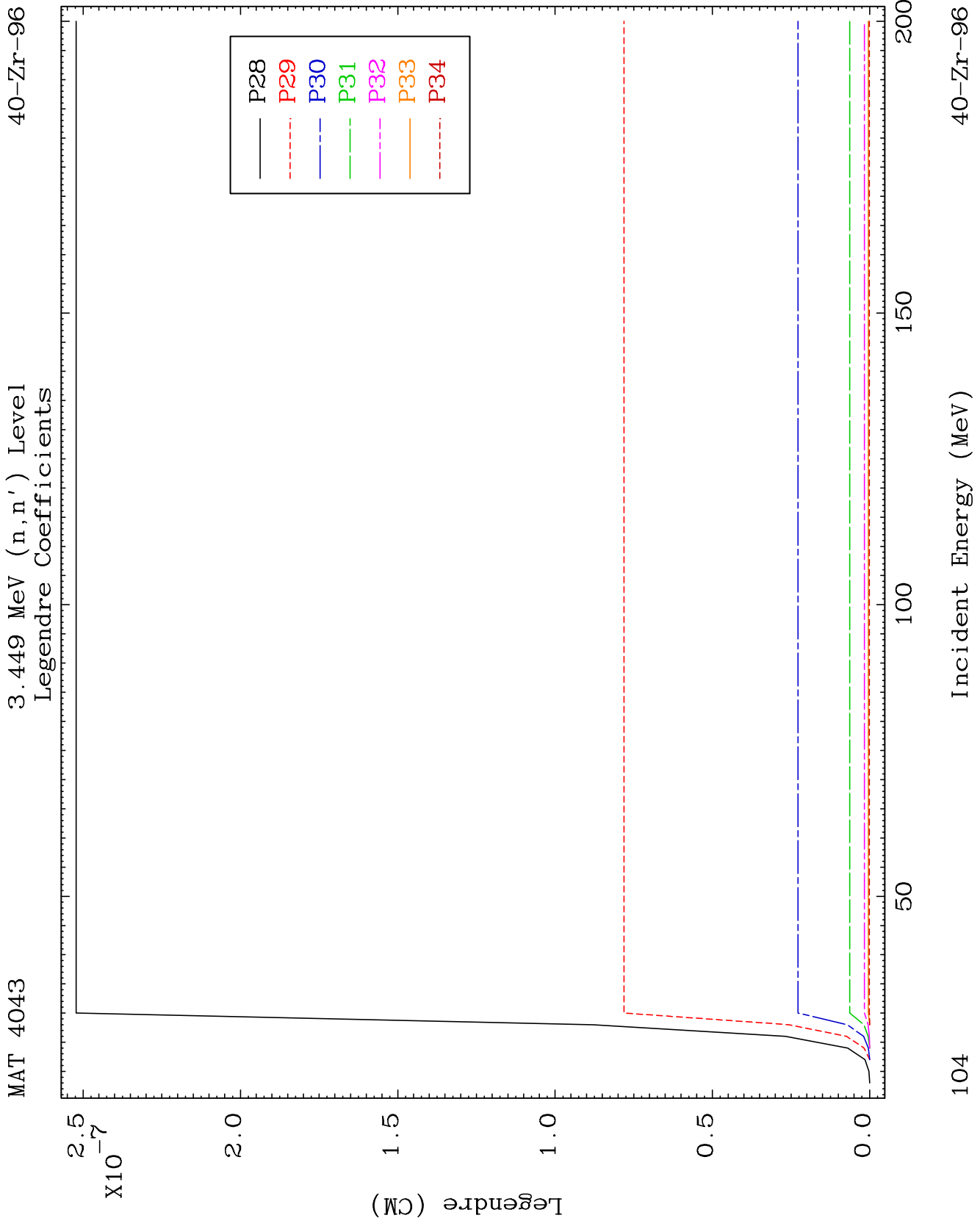
MAT 4043

3.449 MeV (n,n') Level
Legendre Coefficients

40-Zr-96



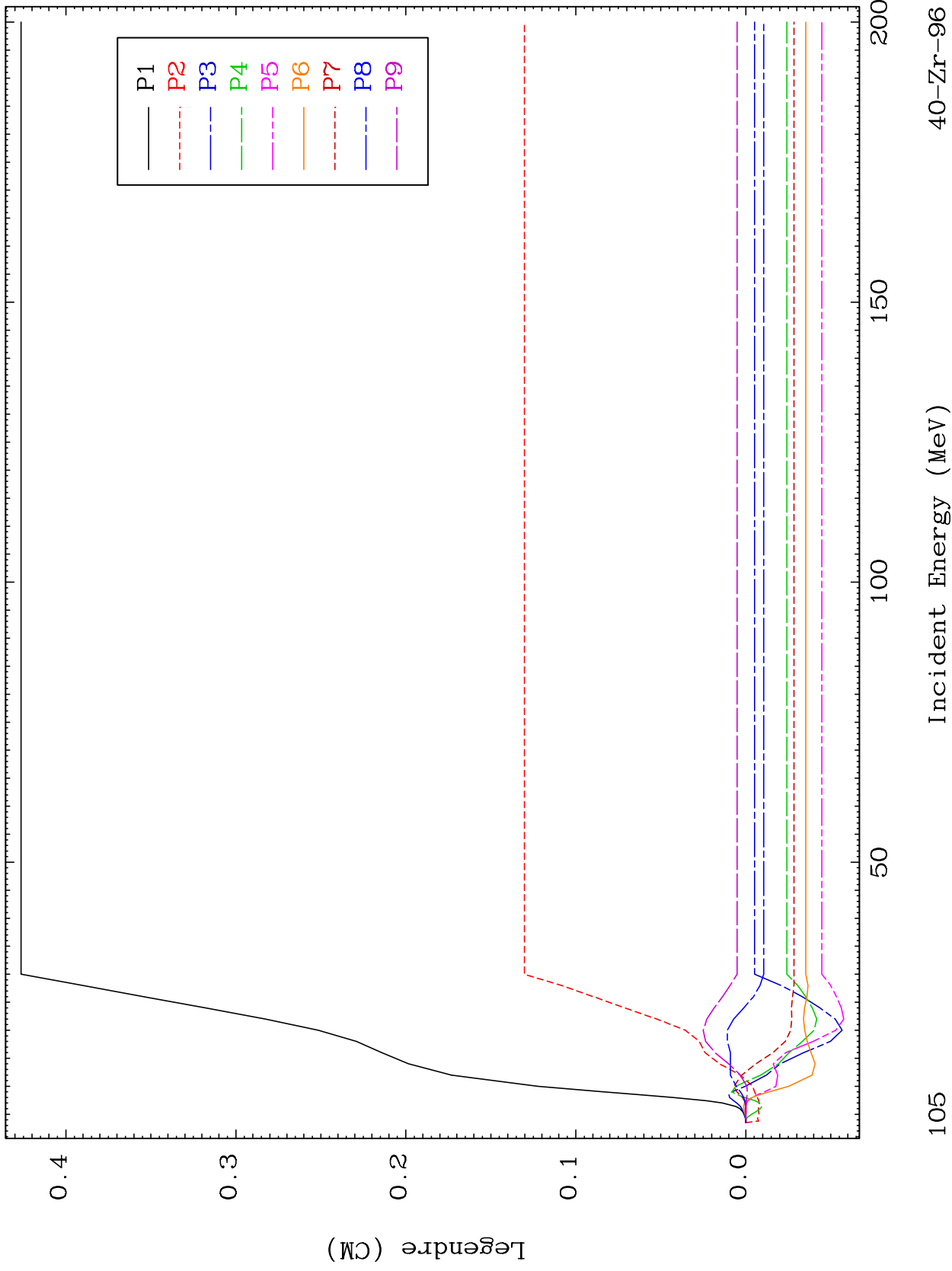




MAT 4043

3.450 MeV (n,n') Level
Legendre Coefficients

40-Zr-96



105

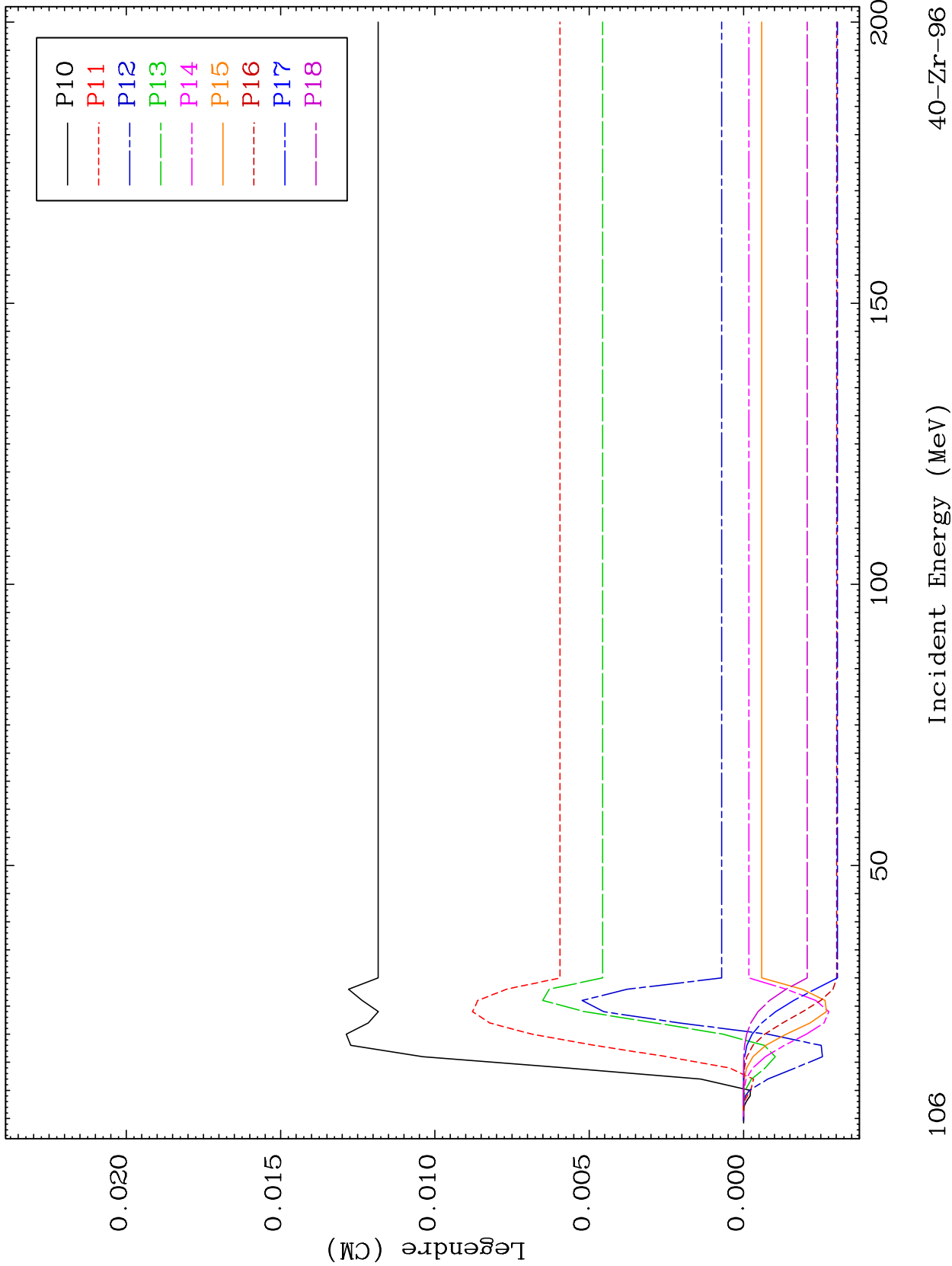
Incident Energy (MeV)

40-Zr-96

MAT 4043

3.450 MeV (n,n') Level
Legendre Coefficients

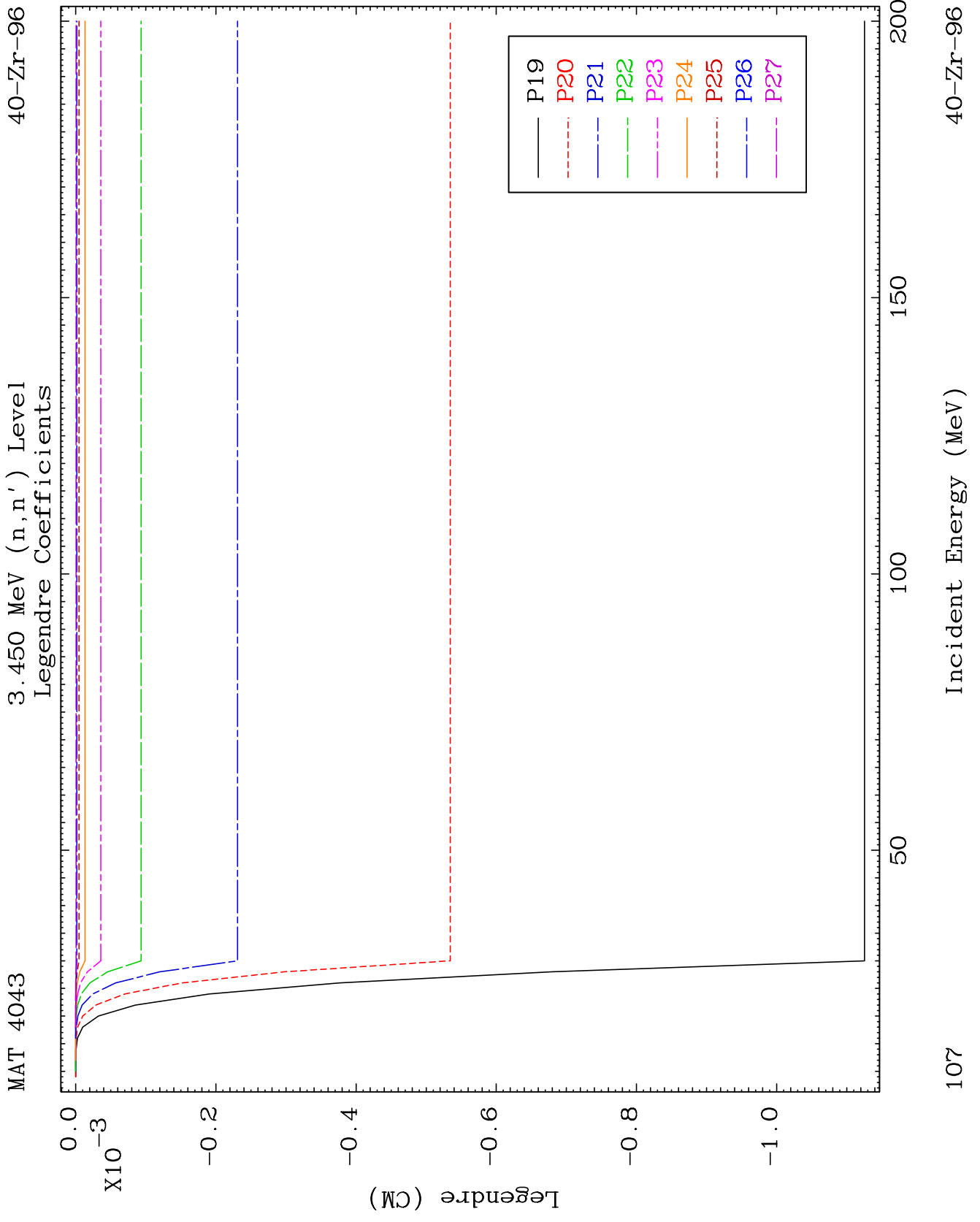
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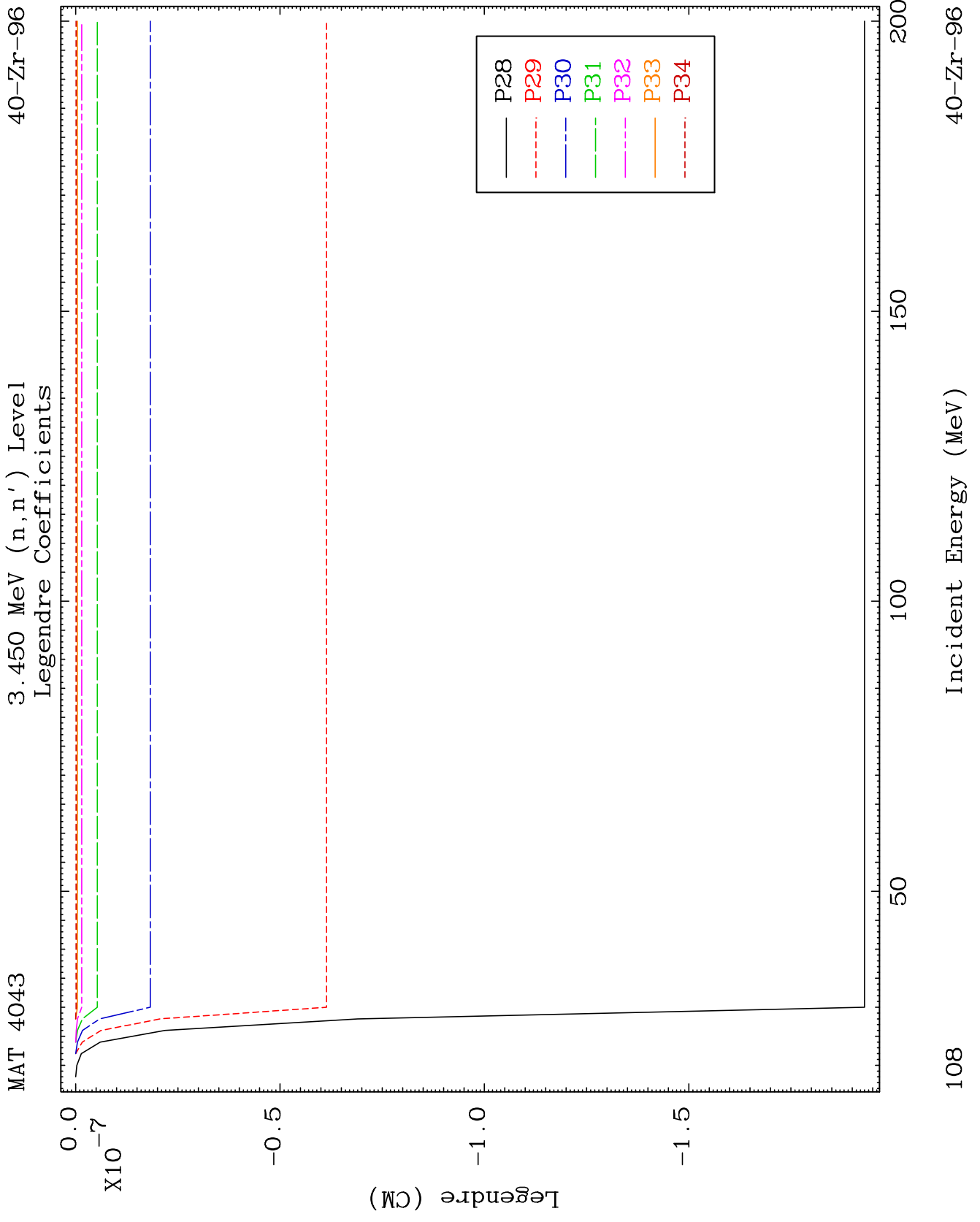


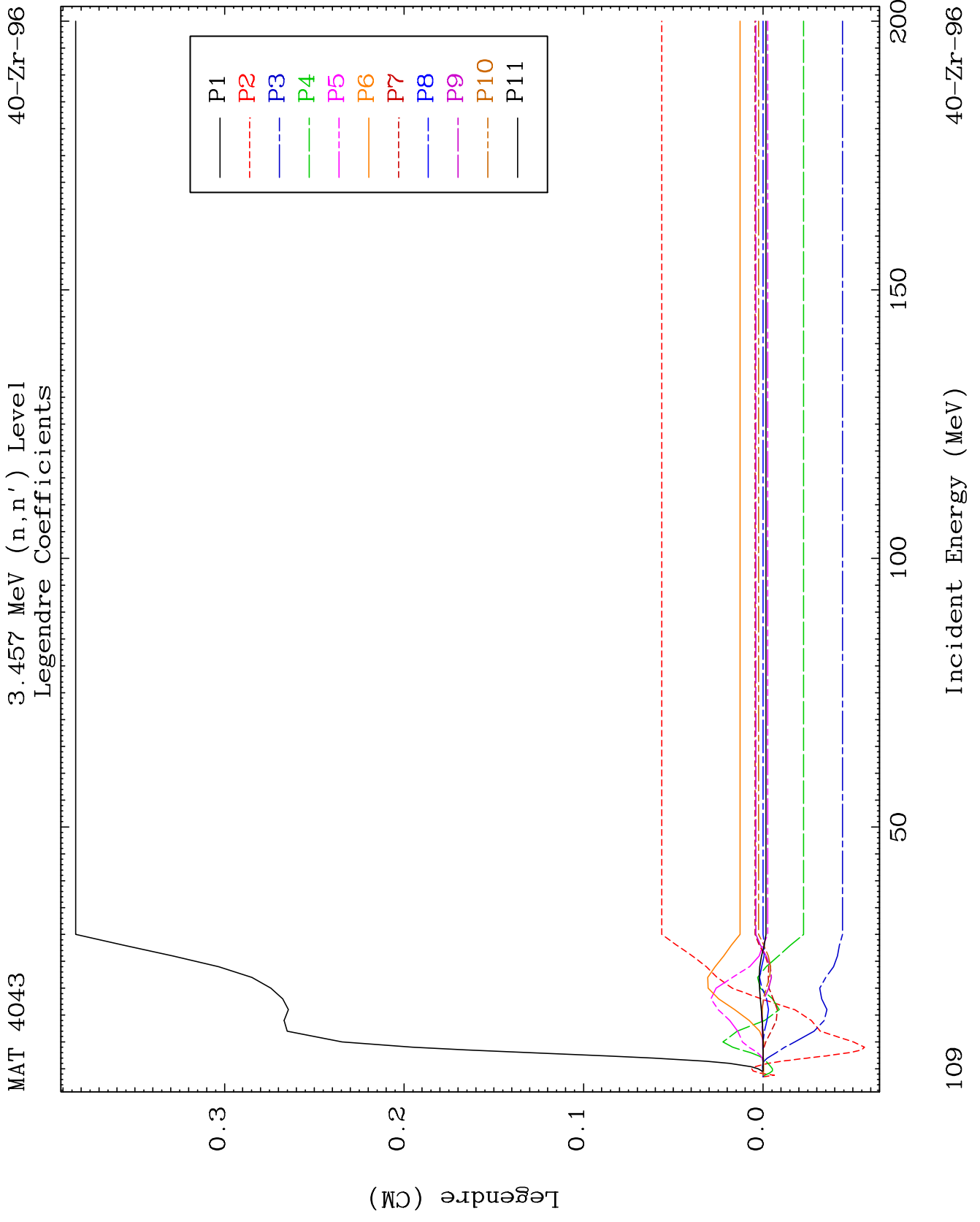
106

Incident Energy (MeV)

40-Zr-96



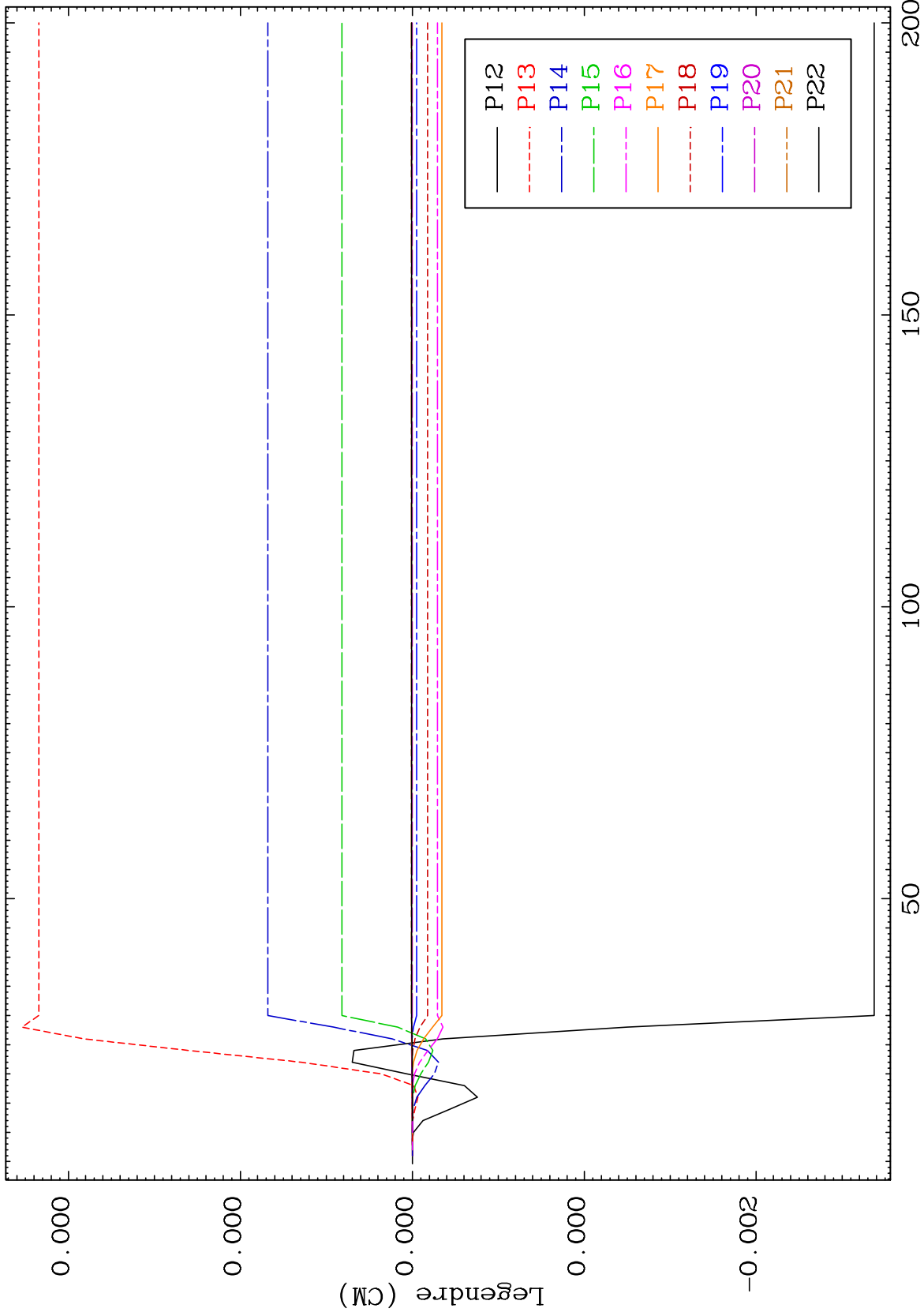




MAT 4043

3.457 MeV (n,n') Level
Legendre Coefficients

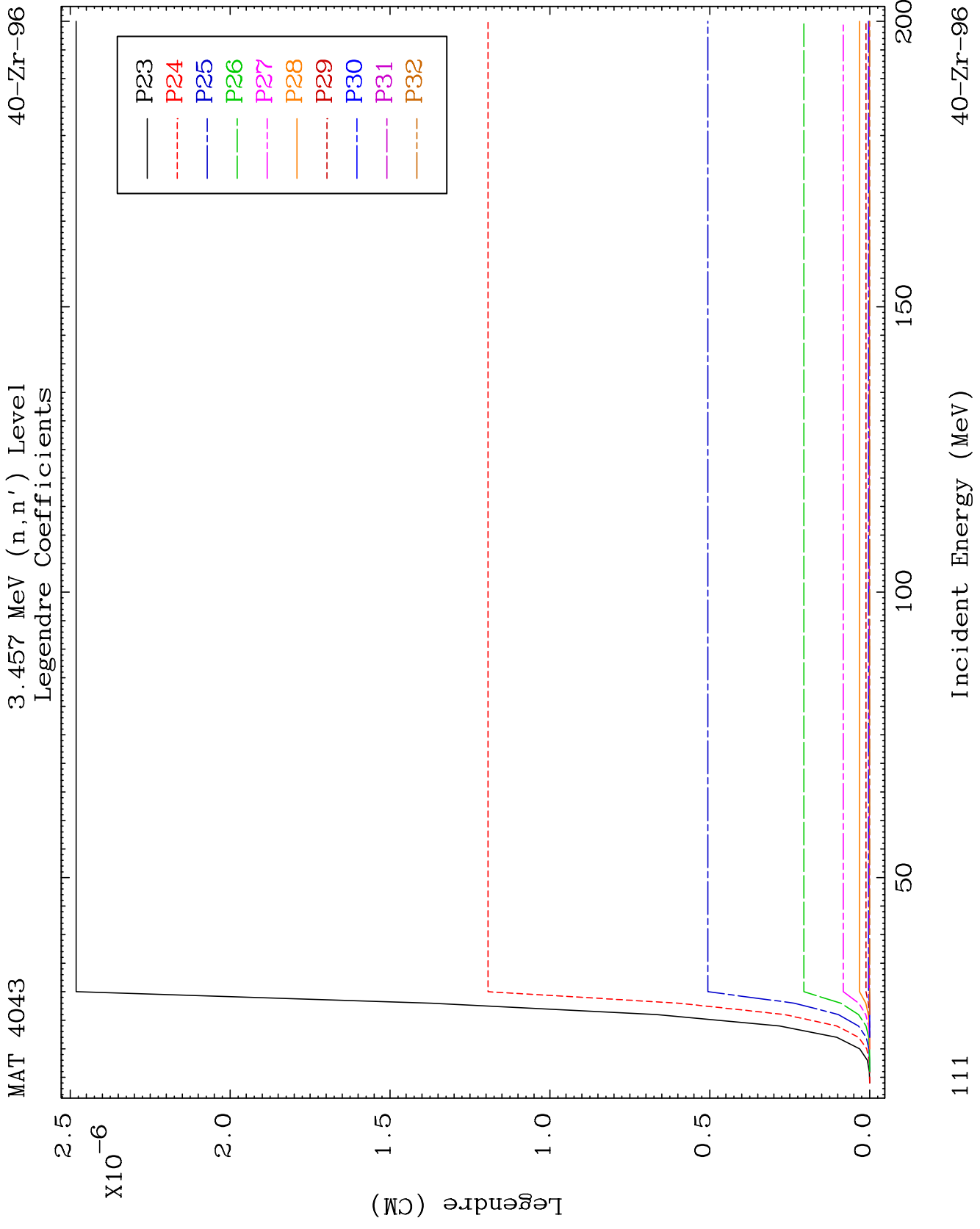
40-Zr-96

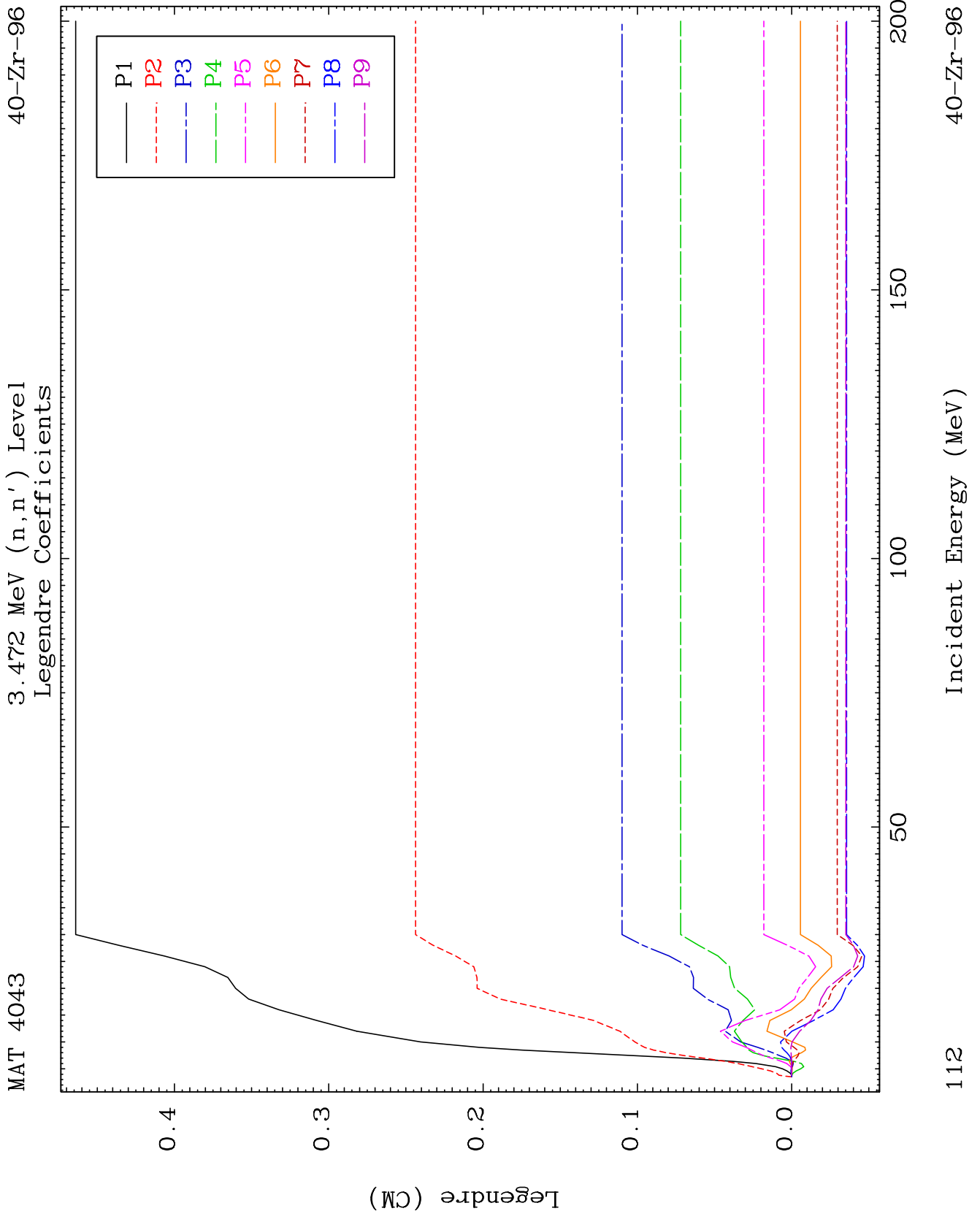


110

Incident Energy (MeV)

40-Zr-96

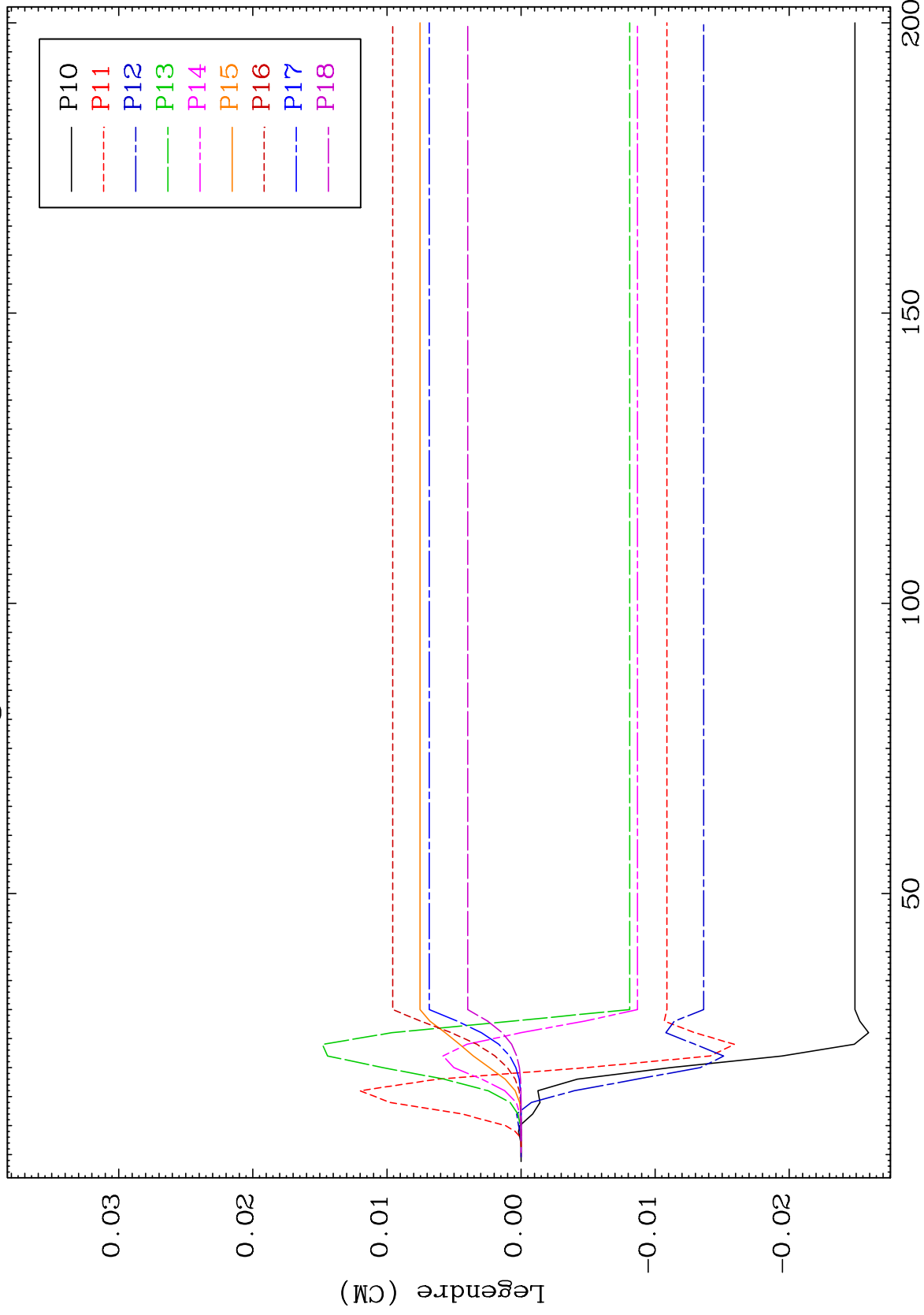




MAT 4043

3.472 MeV (n,n') Level
Legendre Coefficients

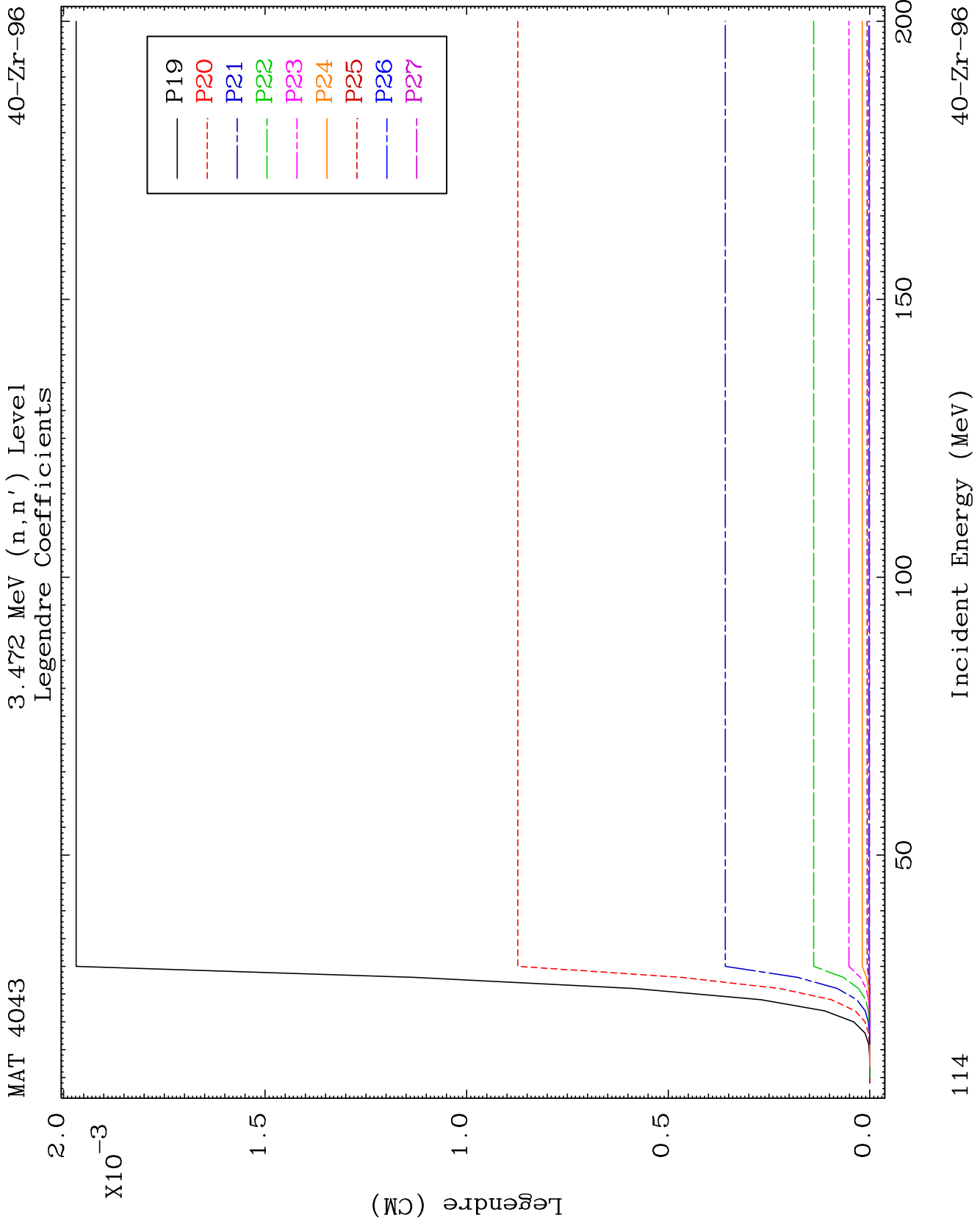
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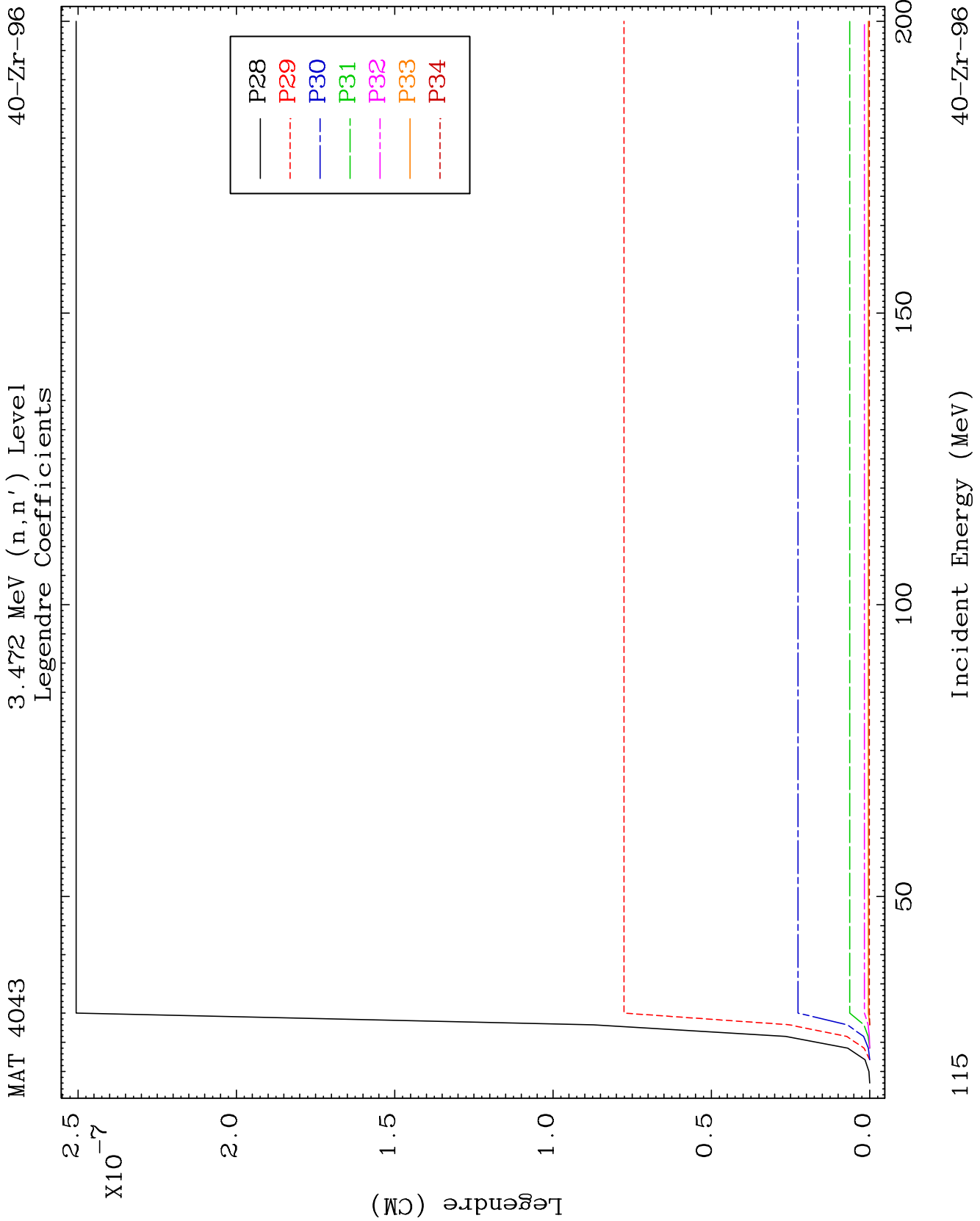


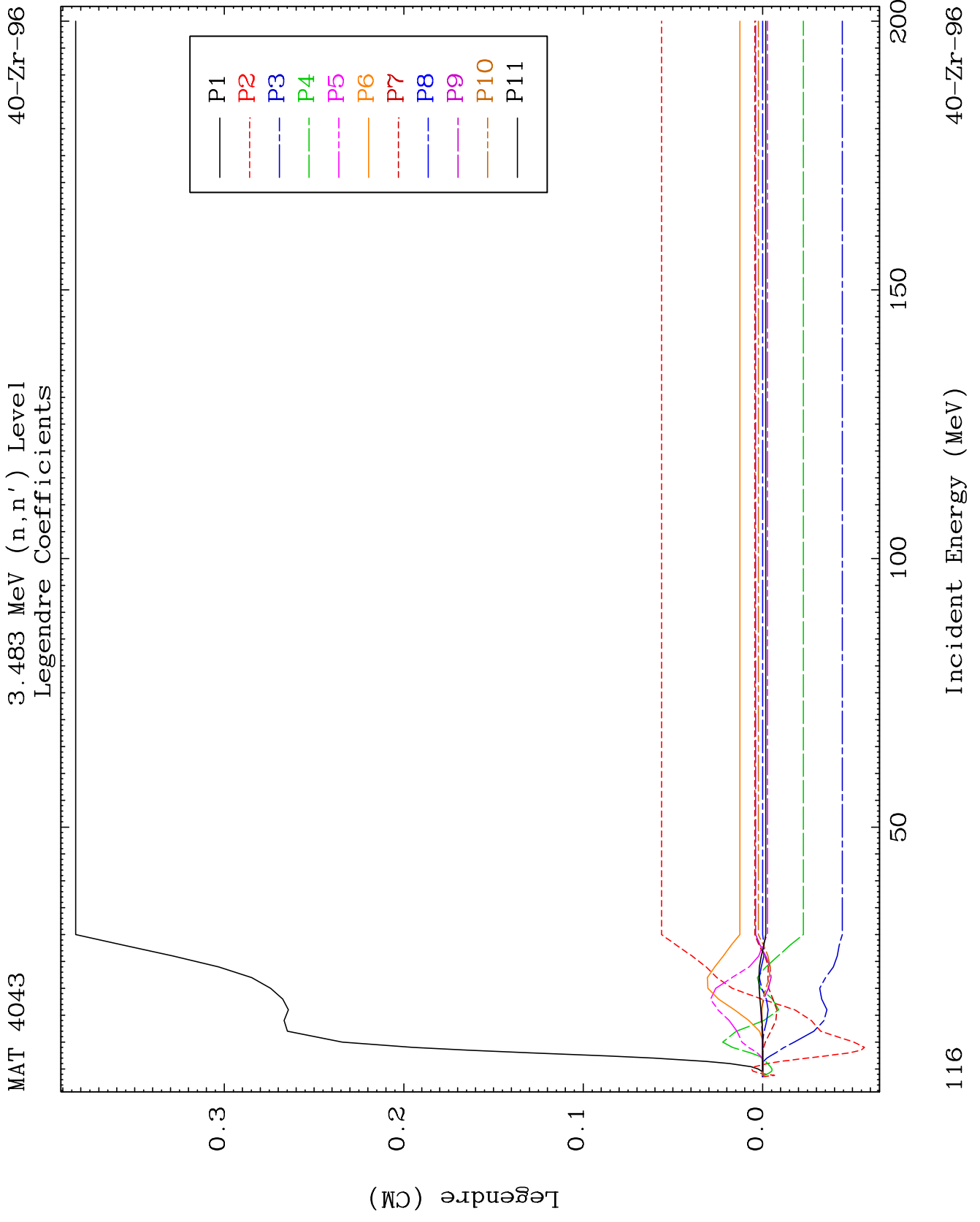
113

Incident Energy (MeV)

40-Zr-96



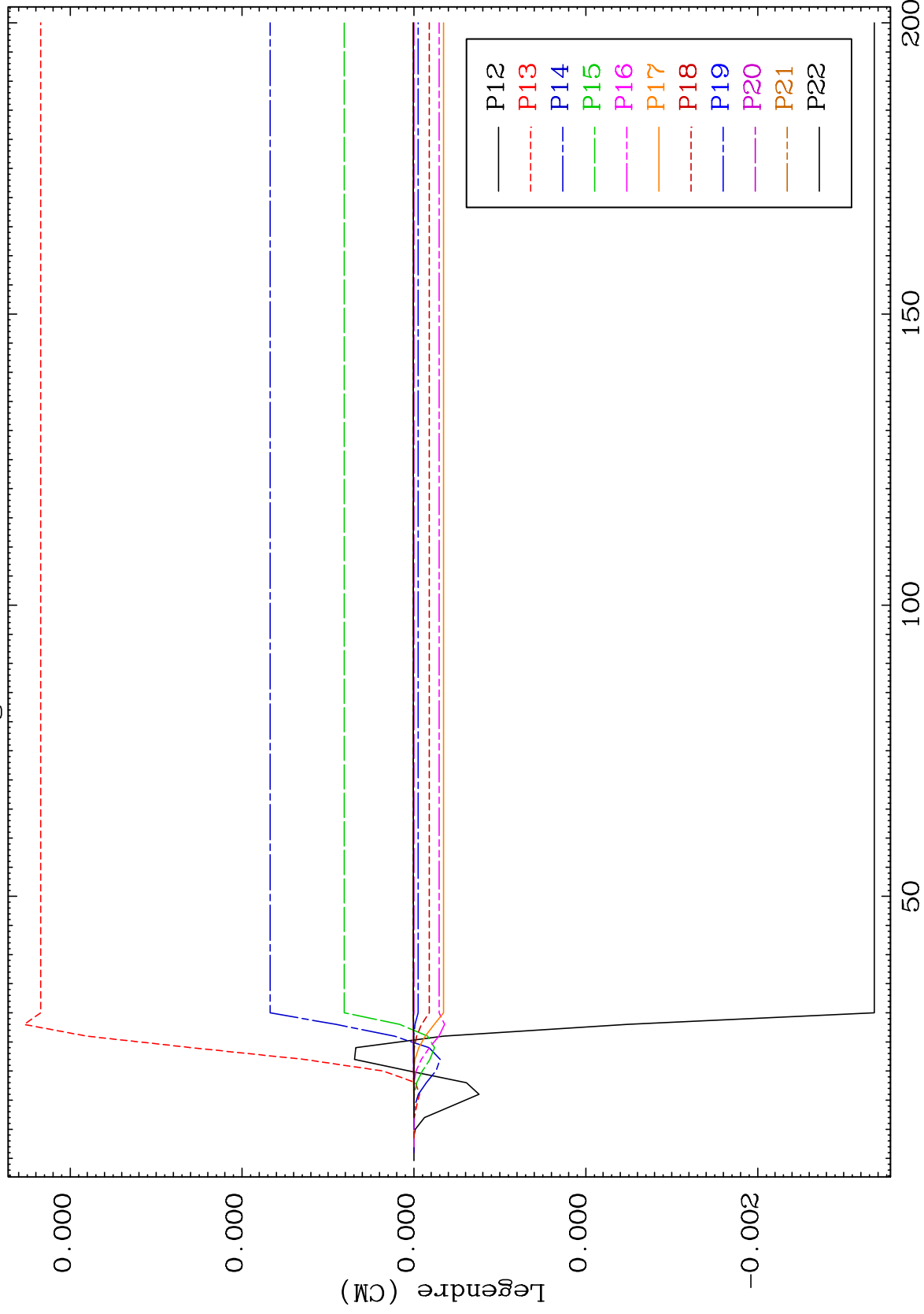




MAT 4043

3.483 MeV (n,n') Level
Legendre Coefficients

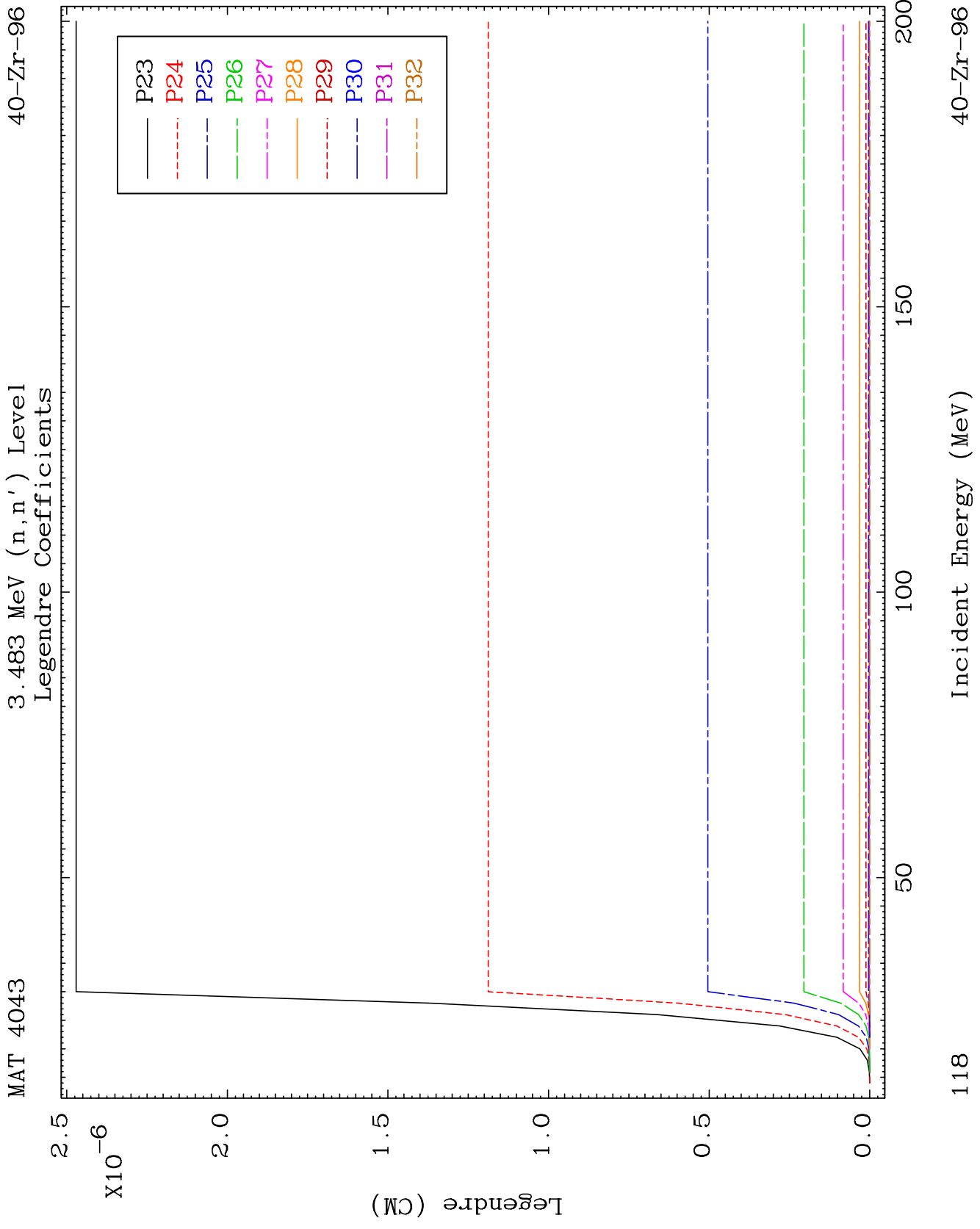
40-Zr-96

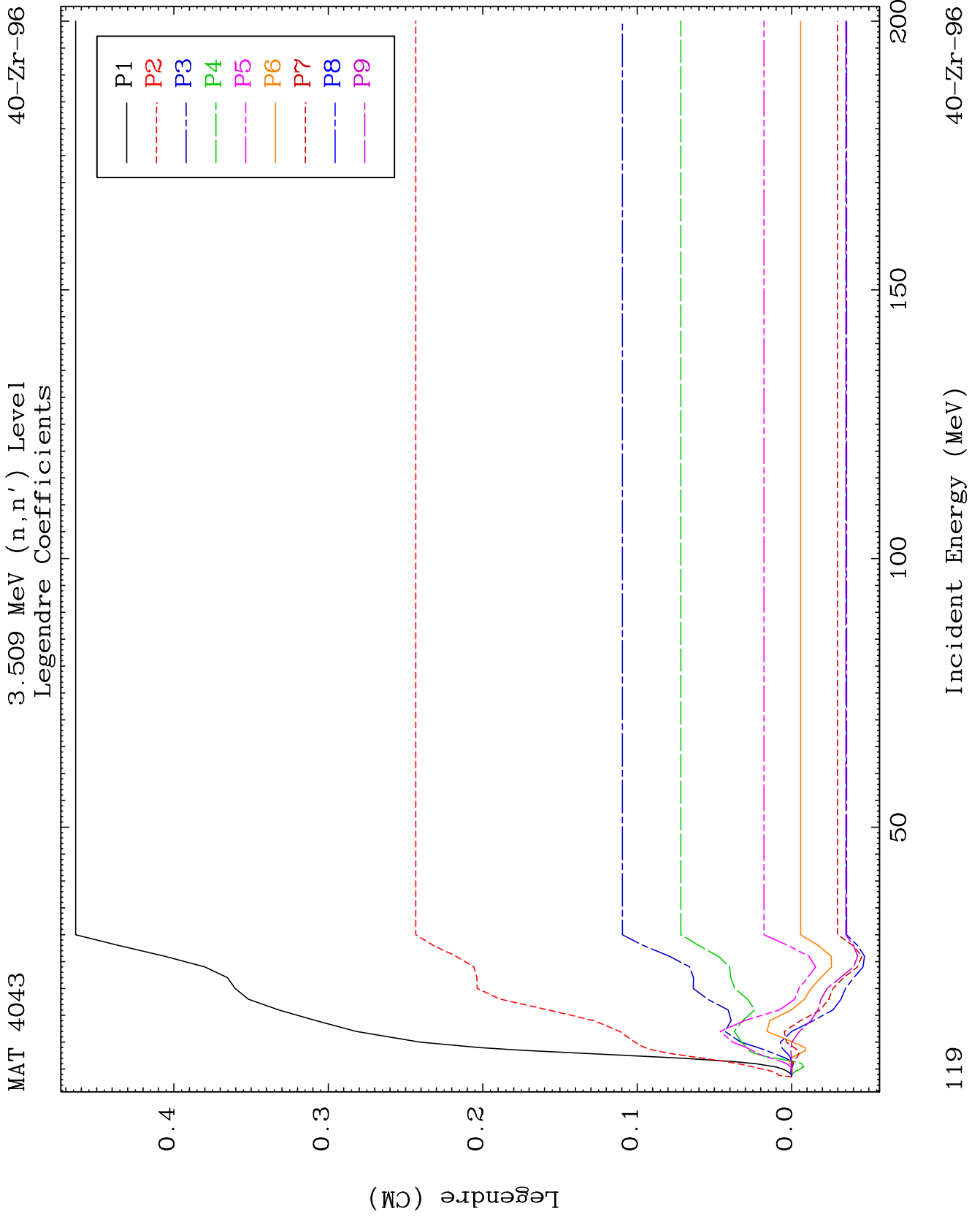


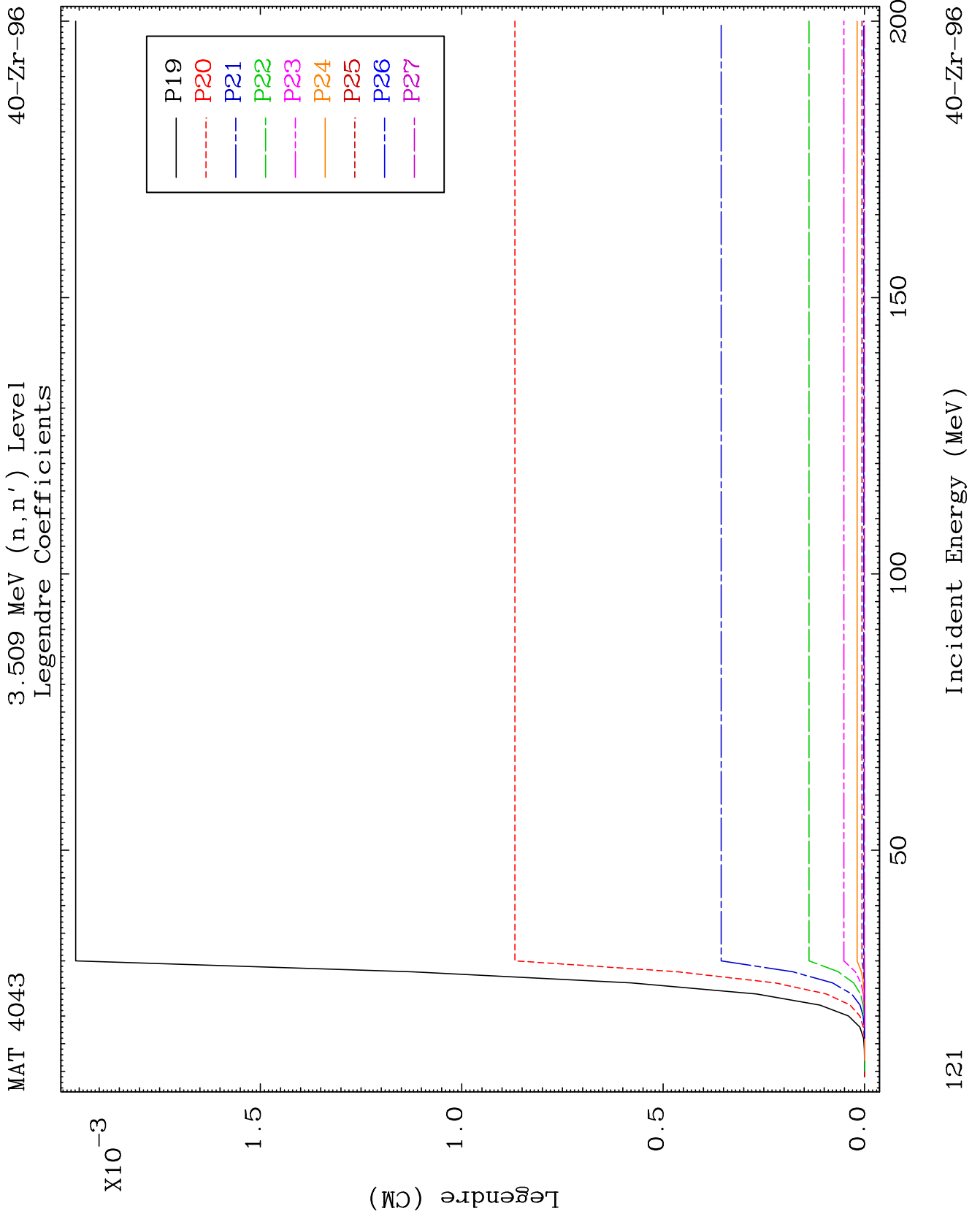
117

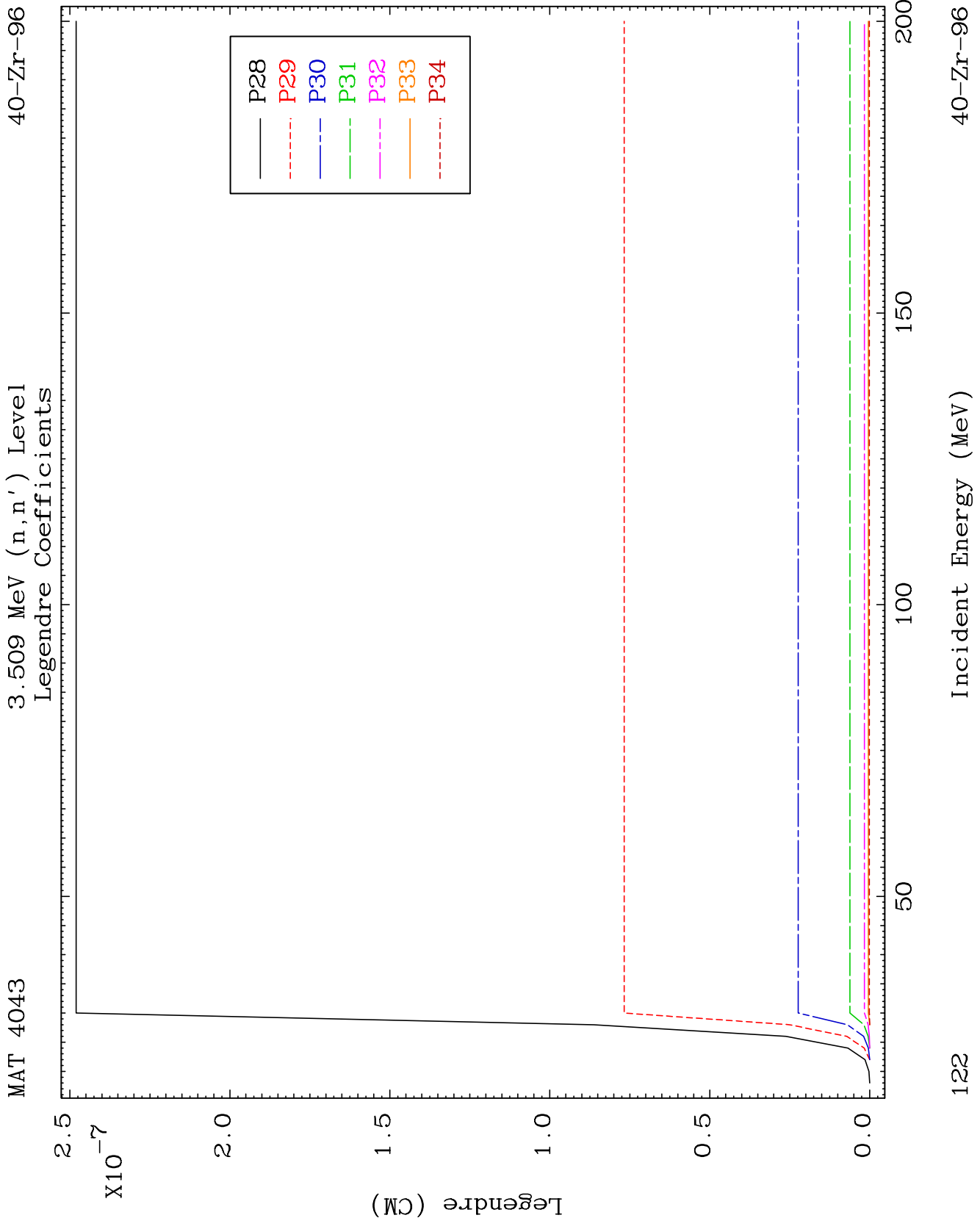
Incident Energy (MeV)

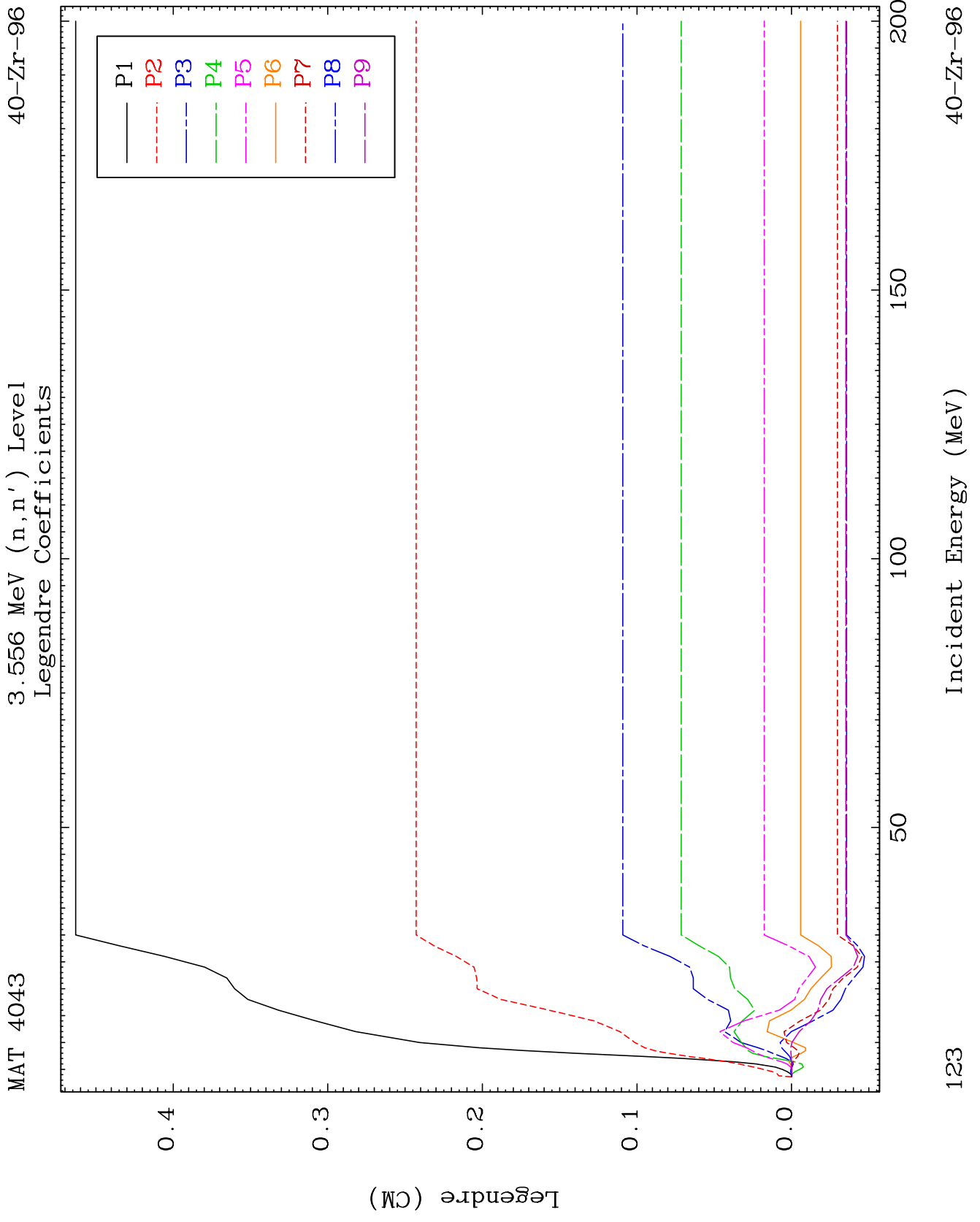
40-Zr-96

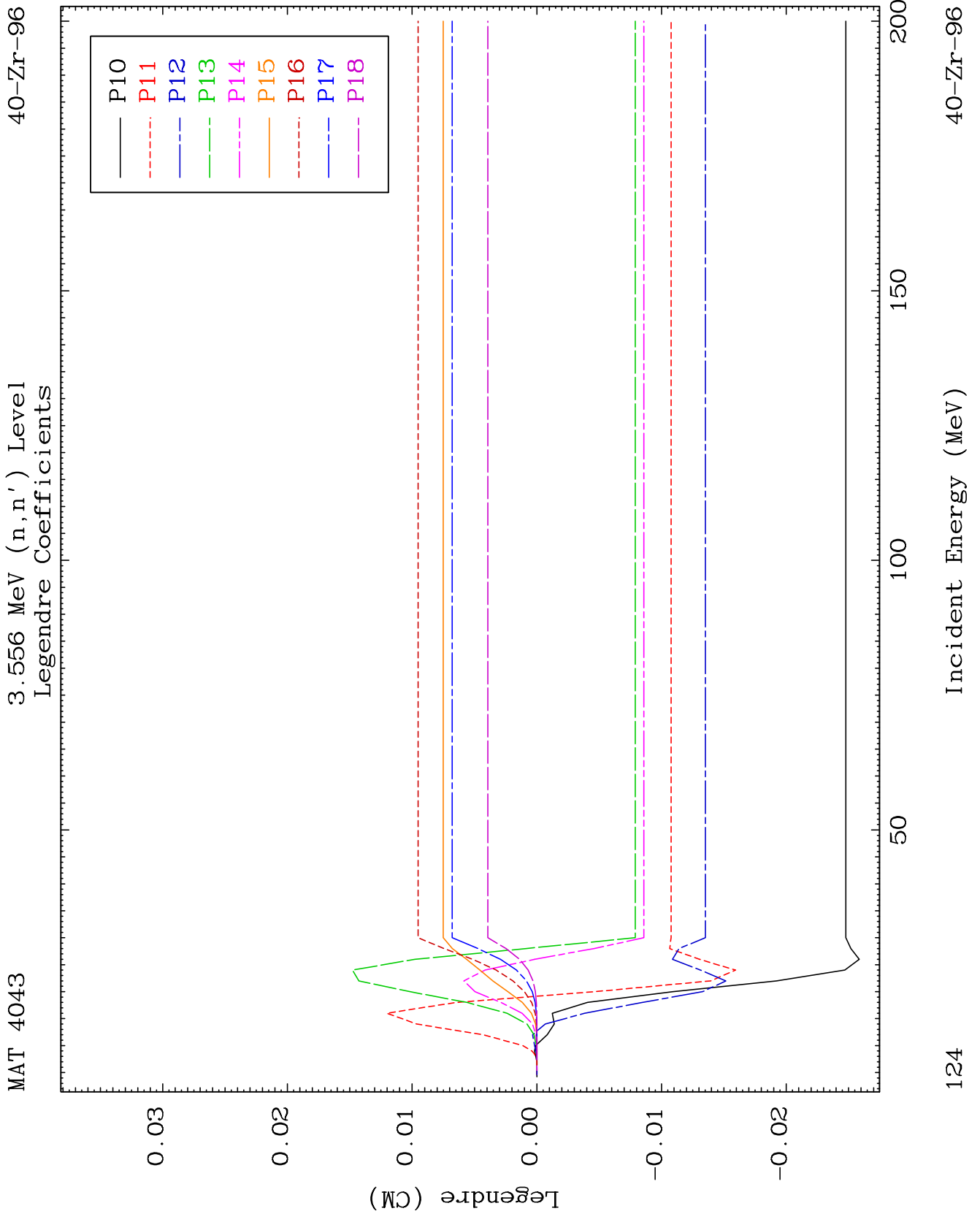


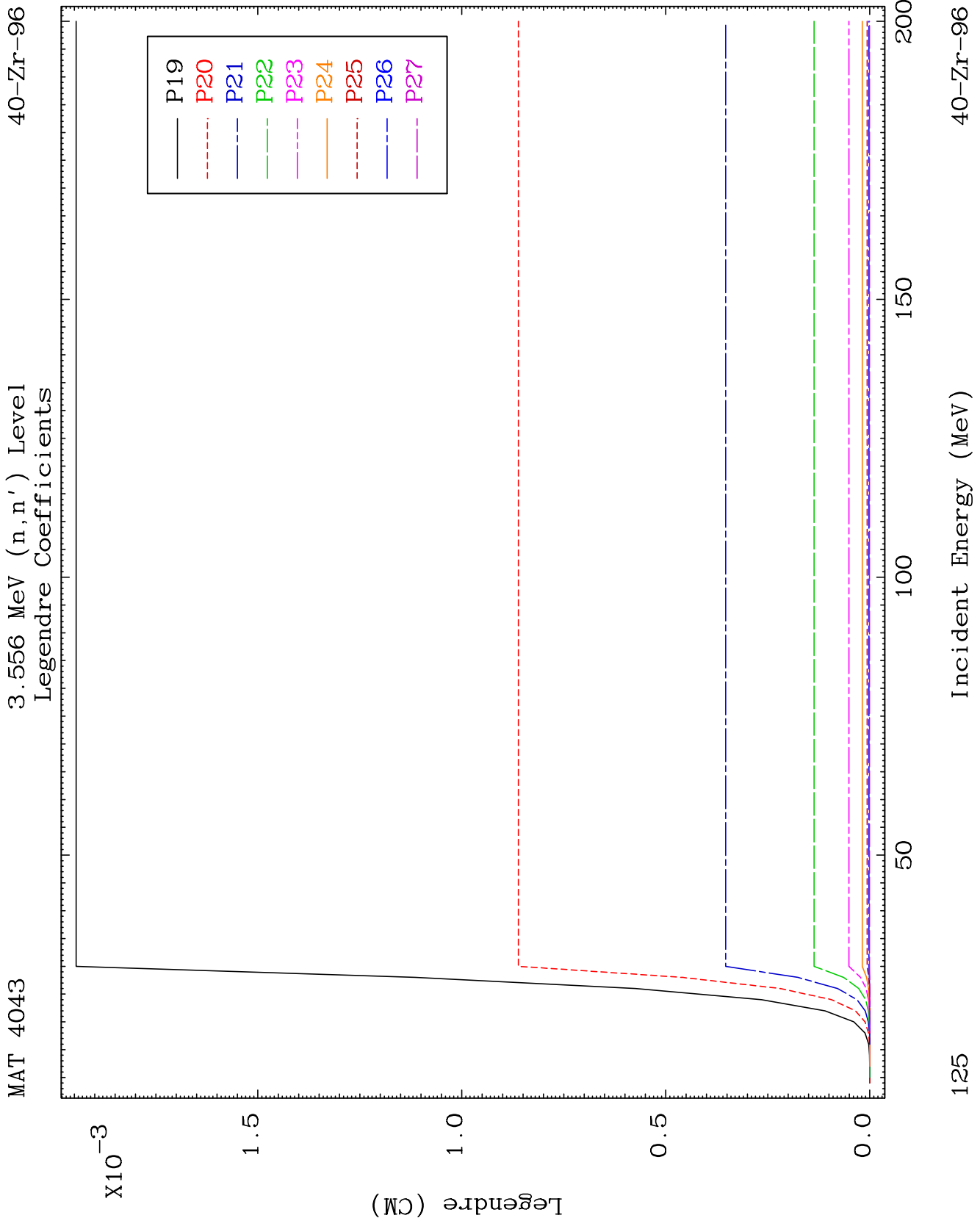


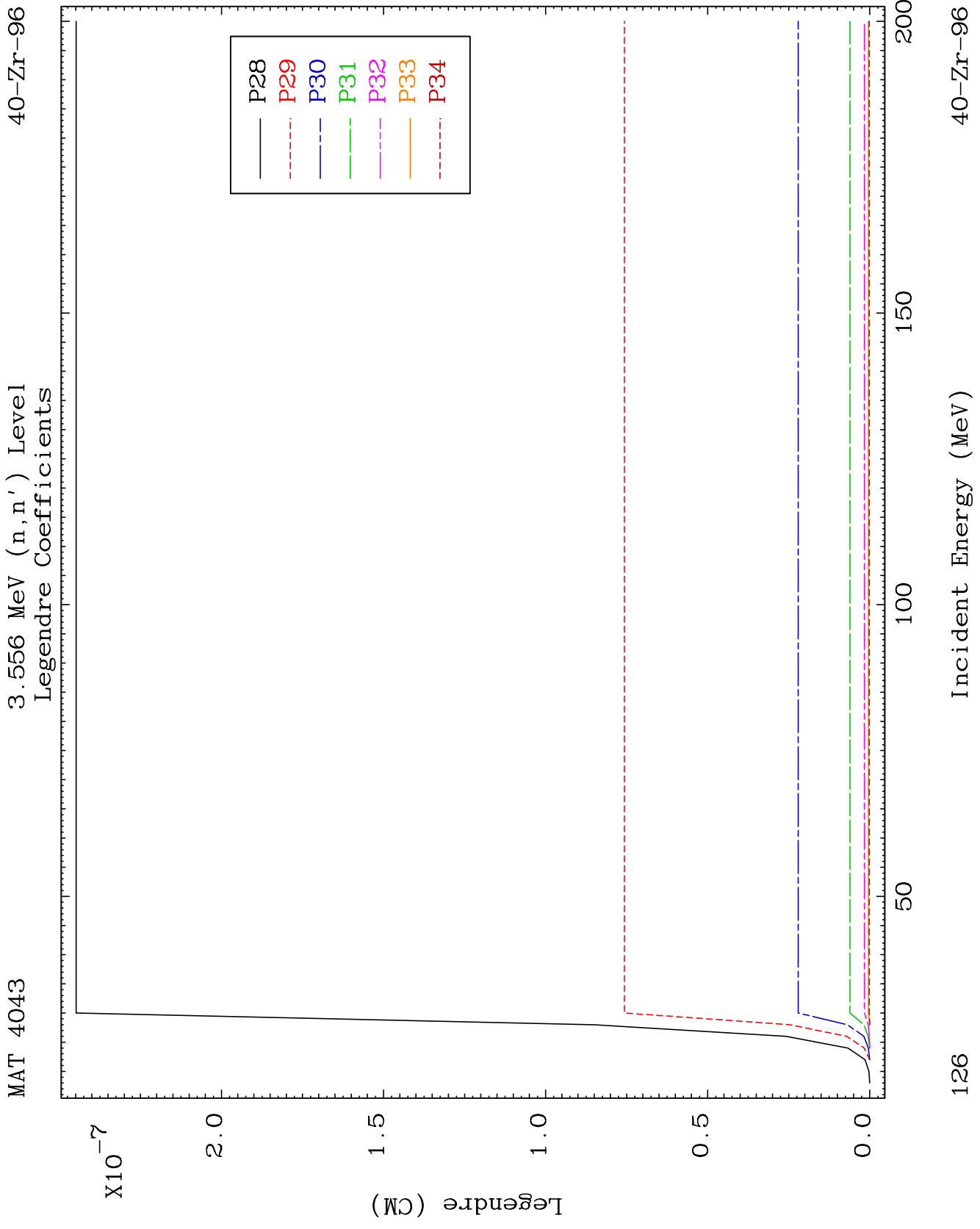










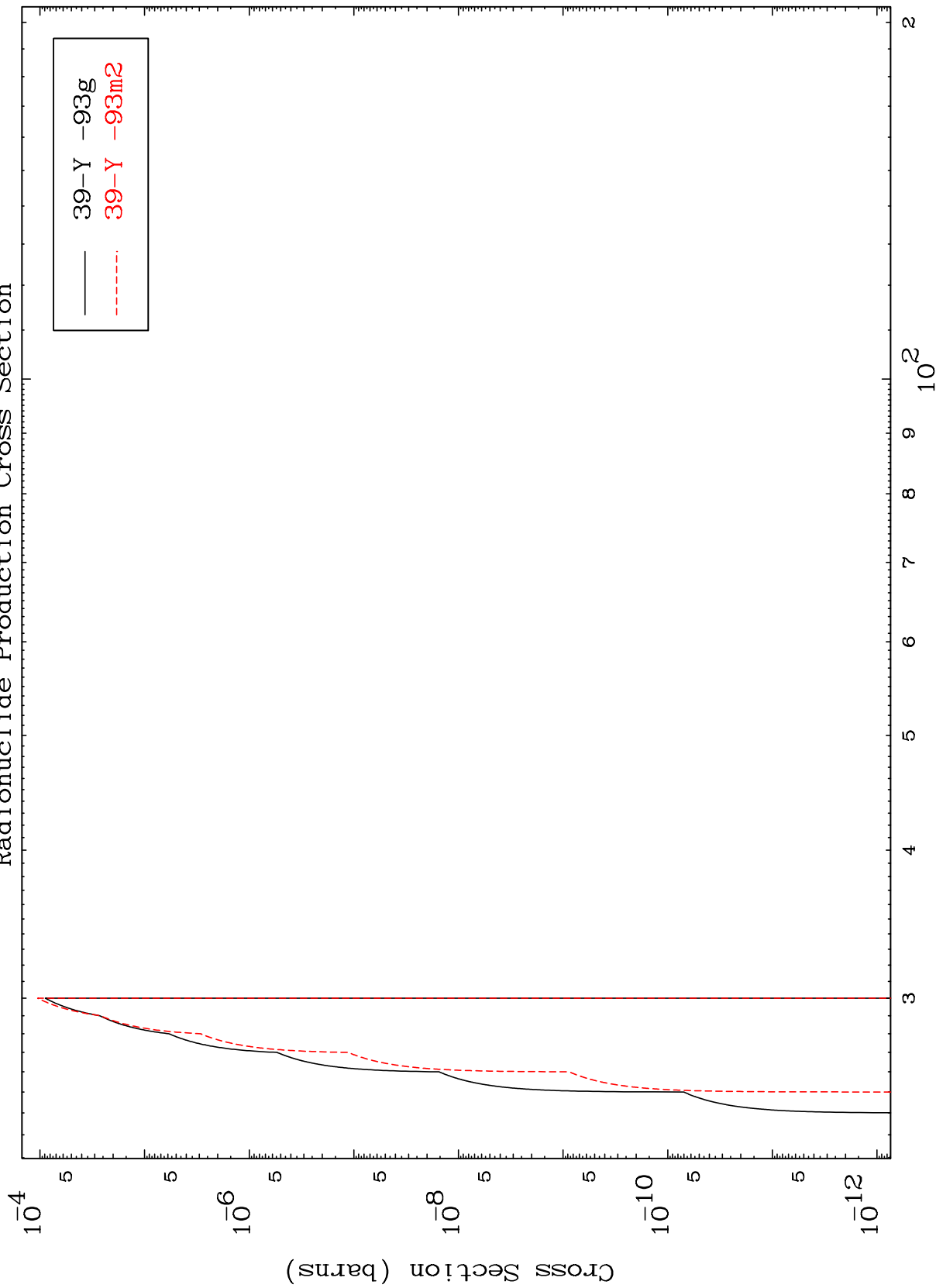


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(n,2n) d

40-Zr-96

Radionuclide Production Cross Section



127

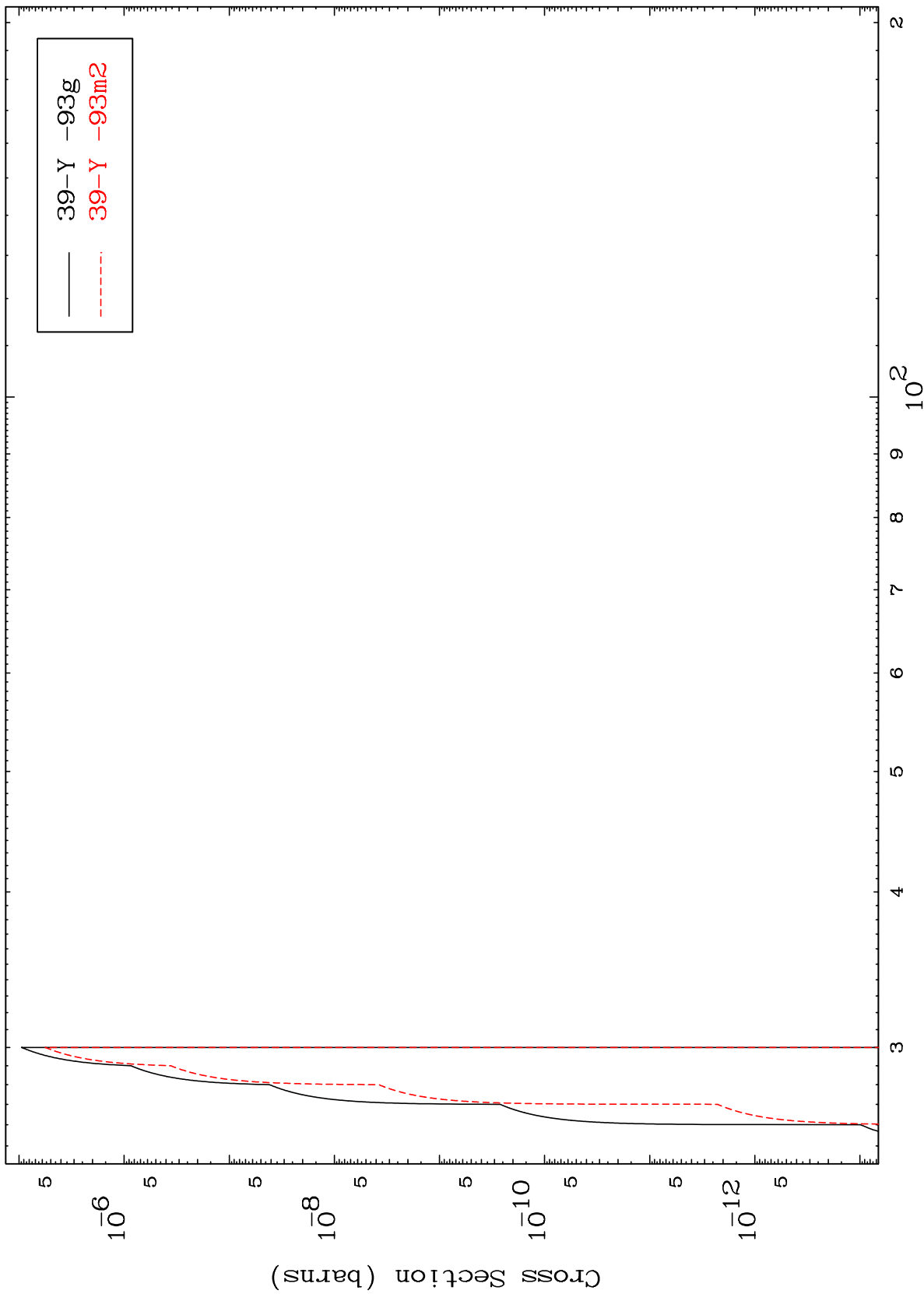
Incident Energy (MeV)

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(n,3n) p
Radionuclide Production Cross Section



40-Zr-96

Incident Energy (MeV)

129

