

Program EVALPLOT
(Version 2021-1)

by

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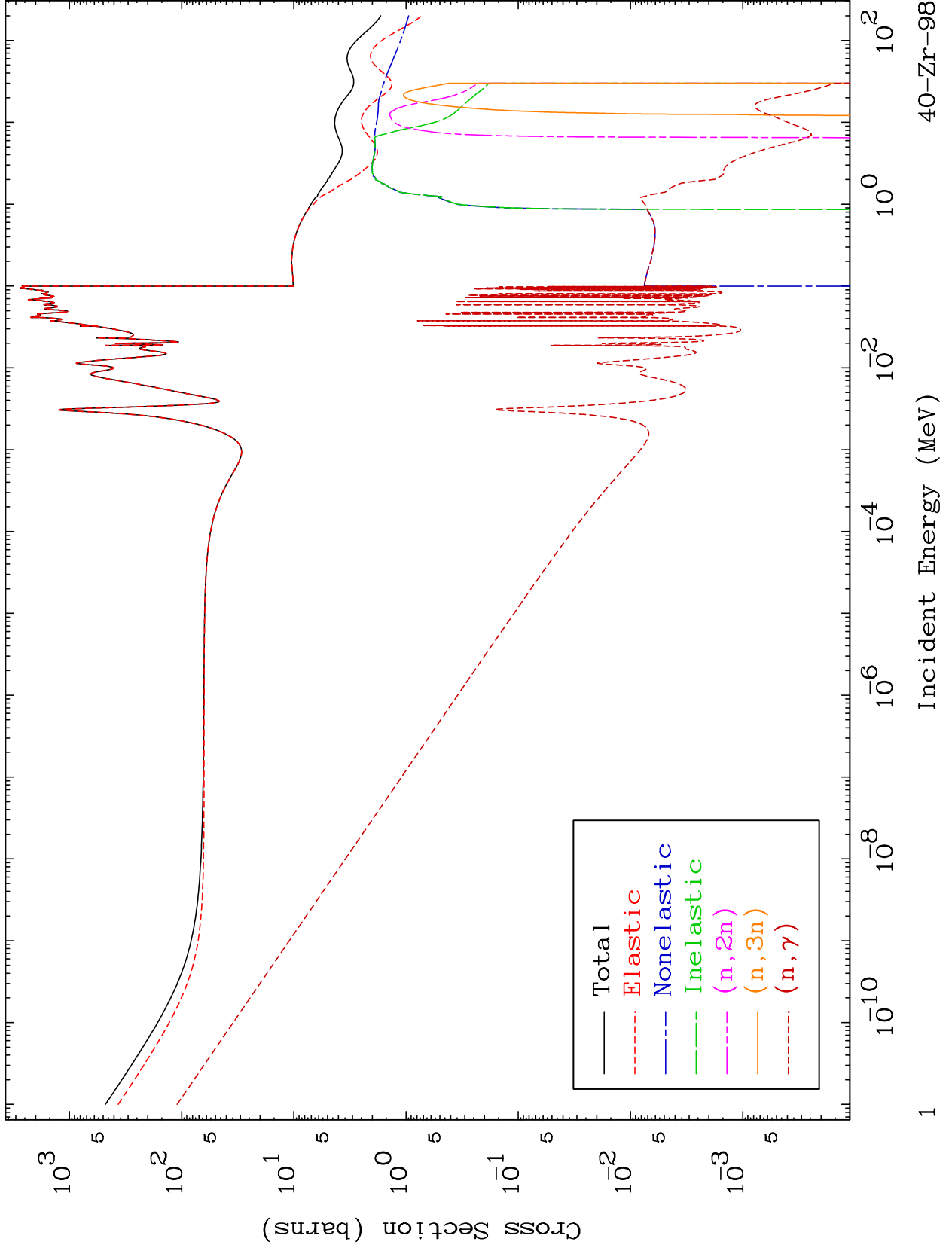
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4049

Neutron Major
293 Kelvin Cross Sections

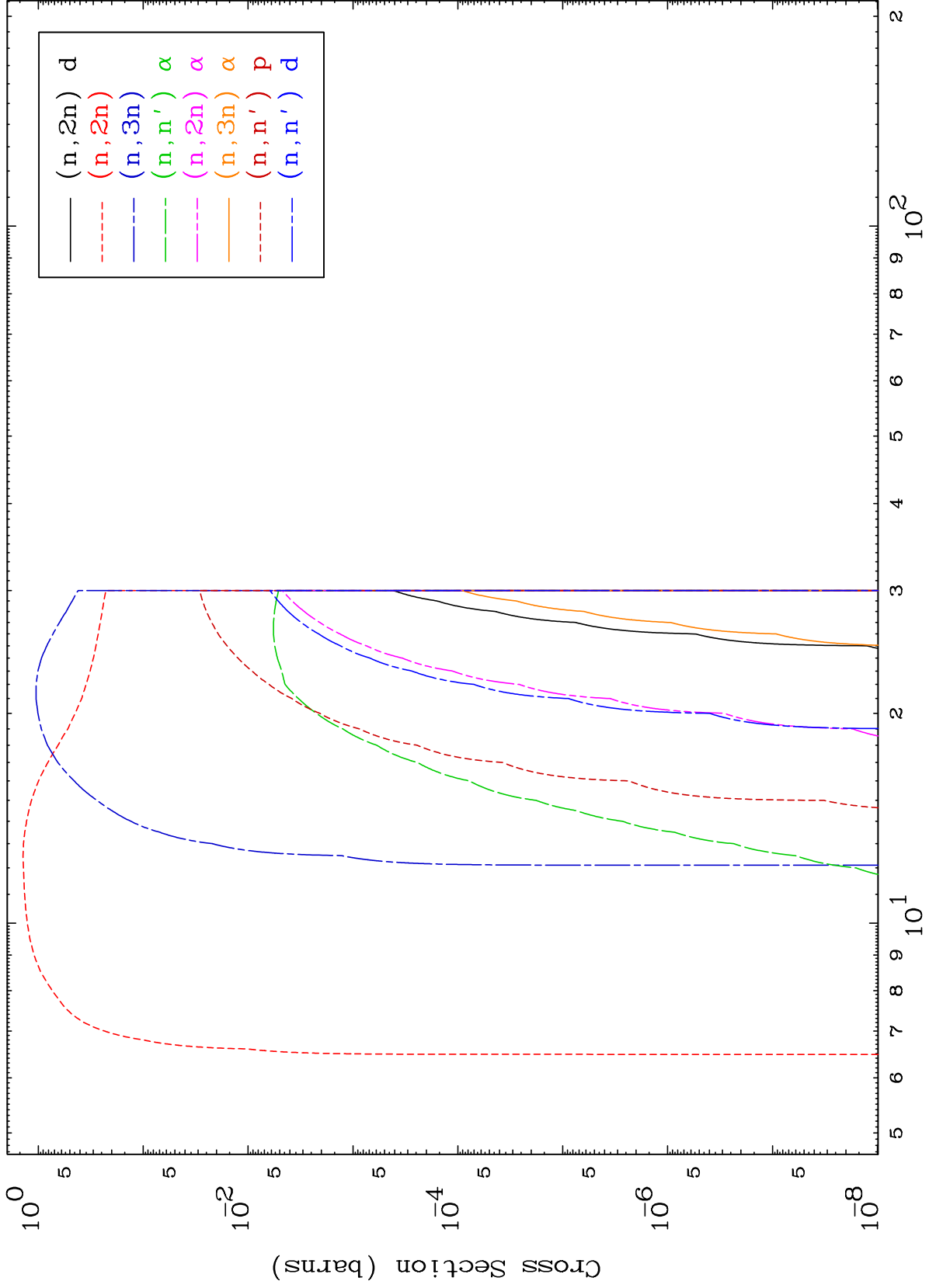
40-Zr-98



MAT 4049

Neutron Absorption
293 Kelvin Cross Sections

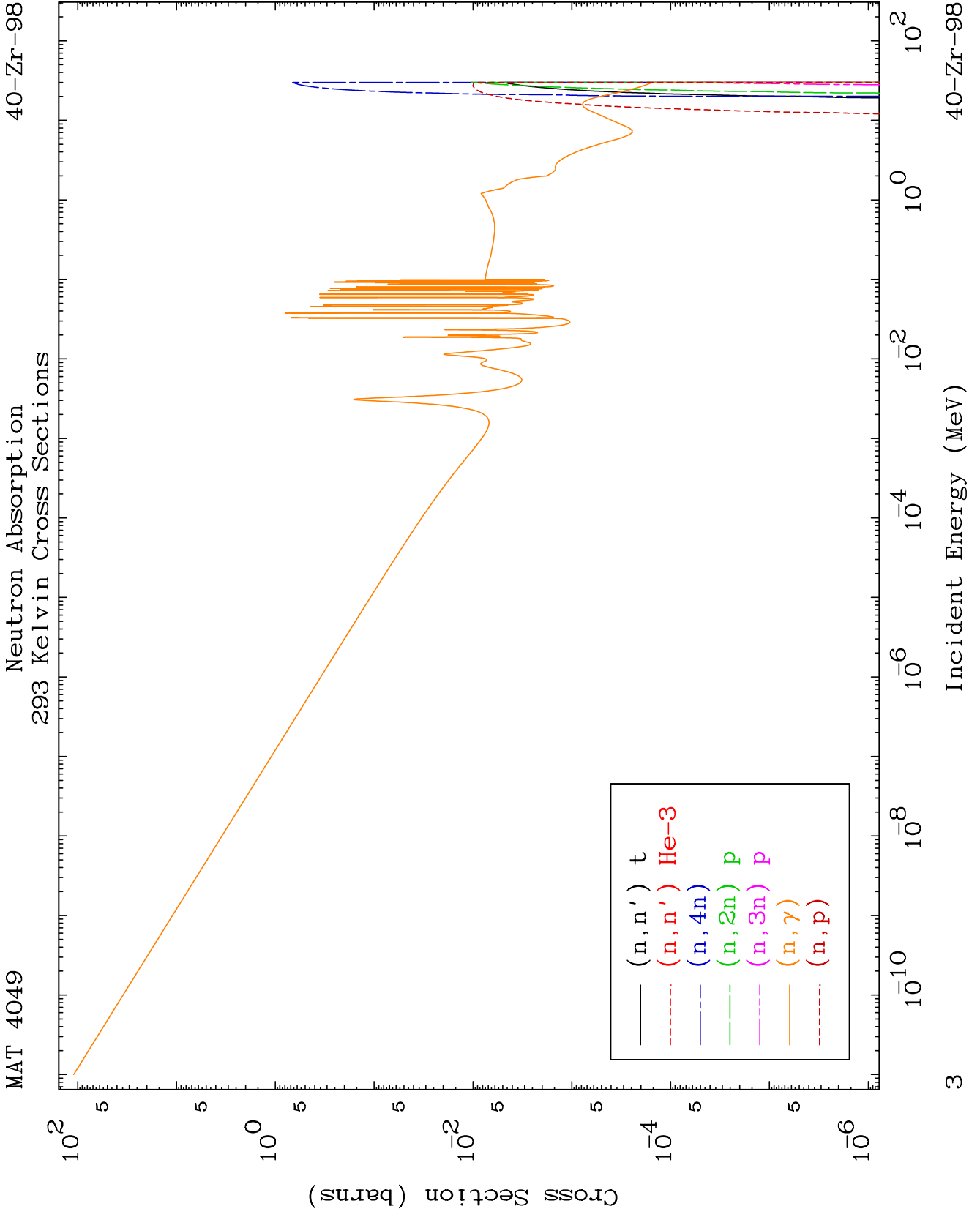
40-Zr-98



2

Incident Energy (MeV)

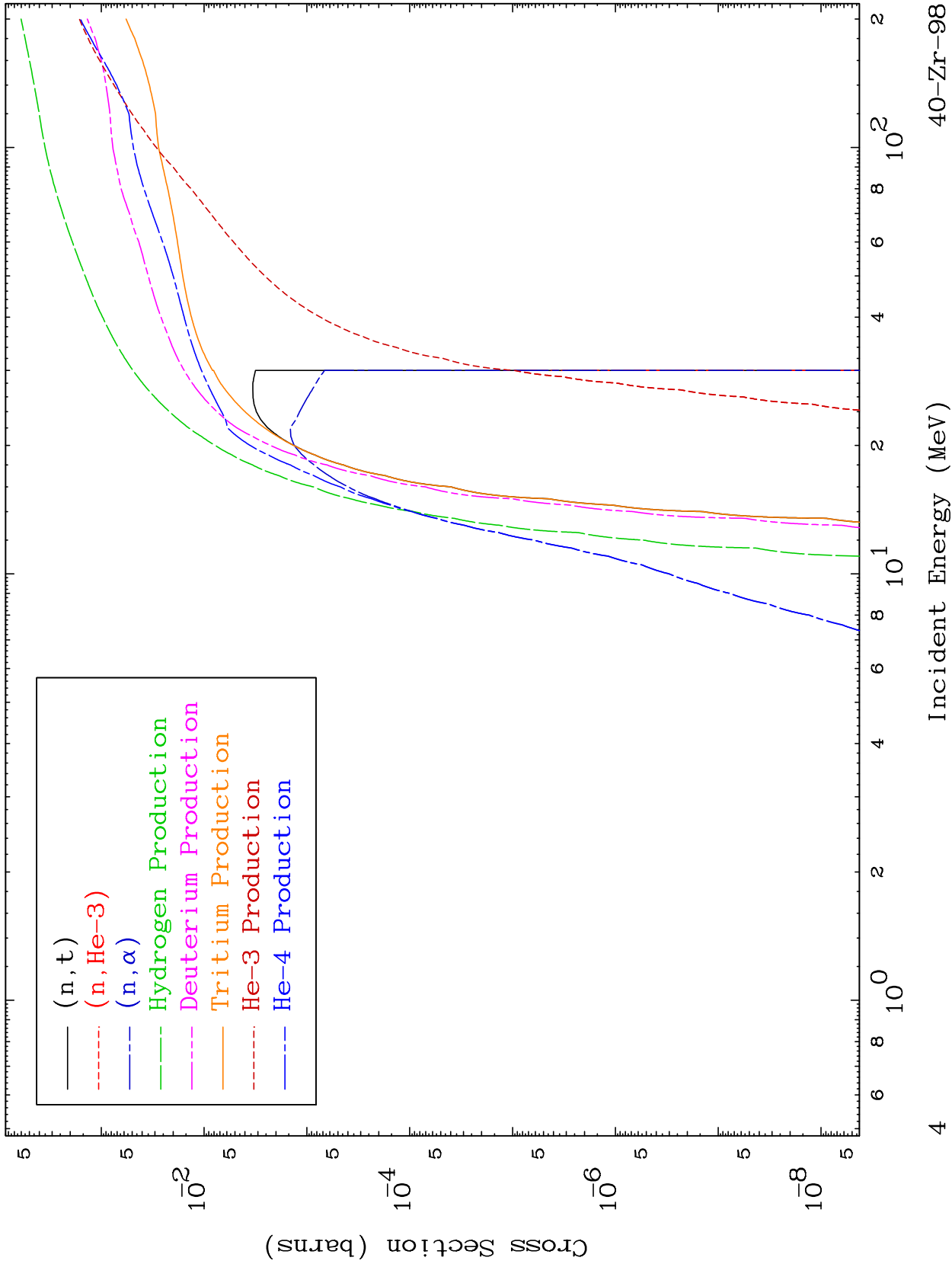
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MAT 4049

Neutron Absorption
293 Kelvin Cross Sections

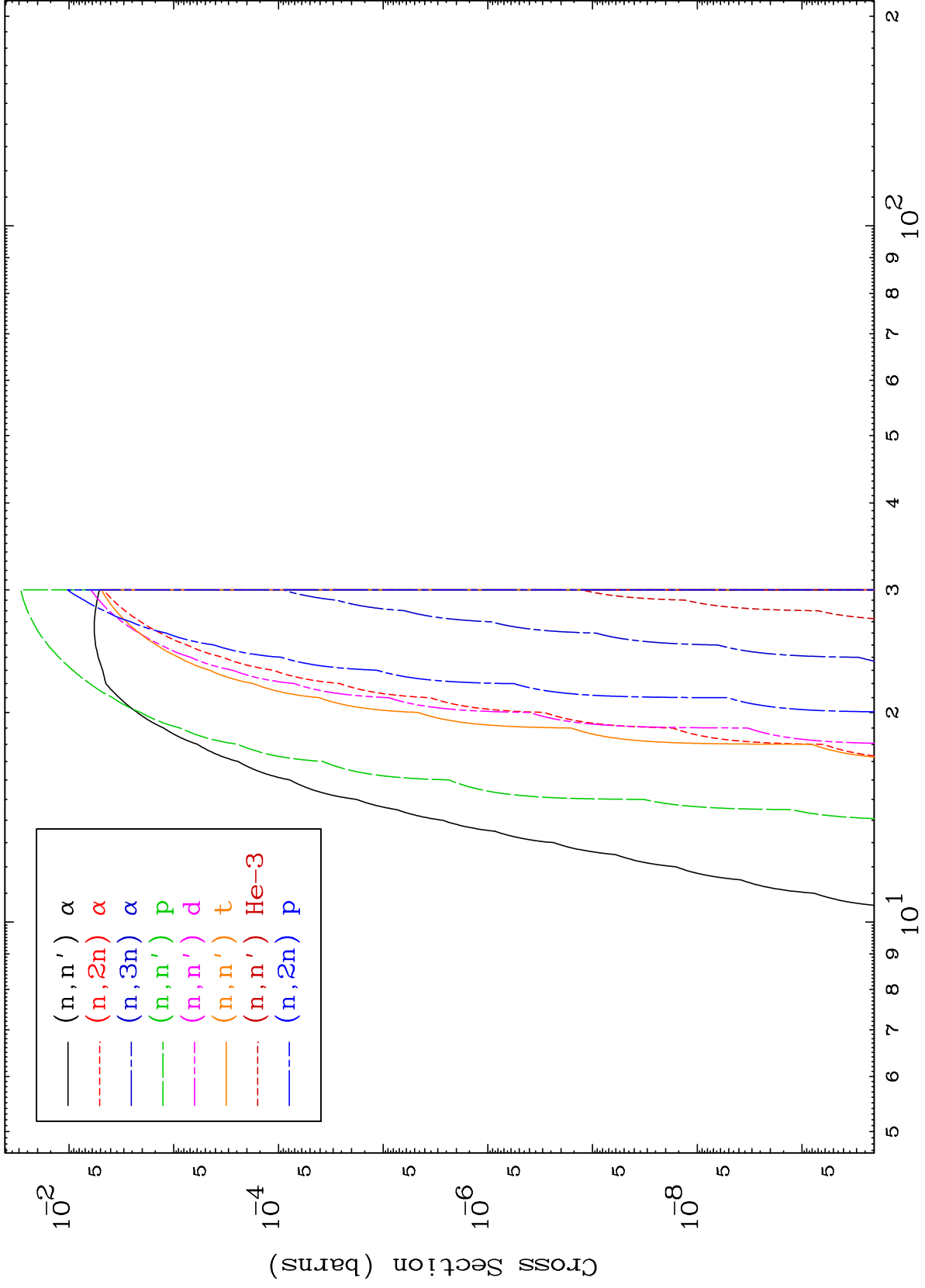
40-Zr-98



MAT 4049

Charged Particle
293 Kelvin Cross Sections

40-Zr-98



5

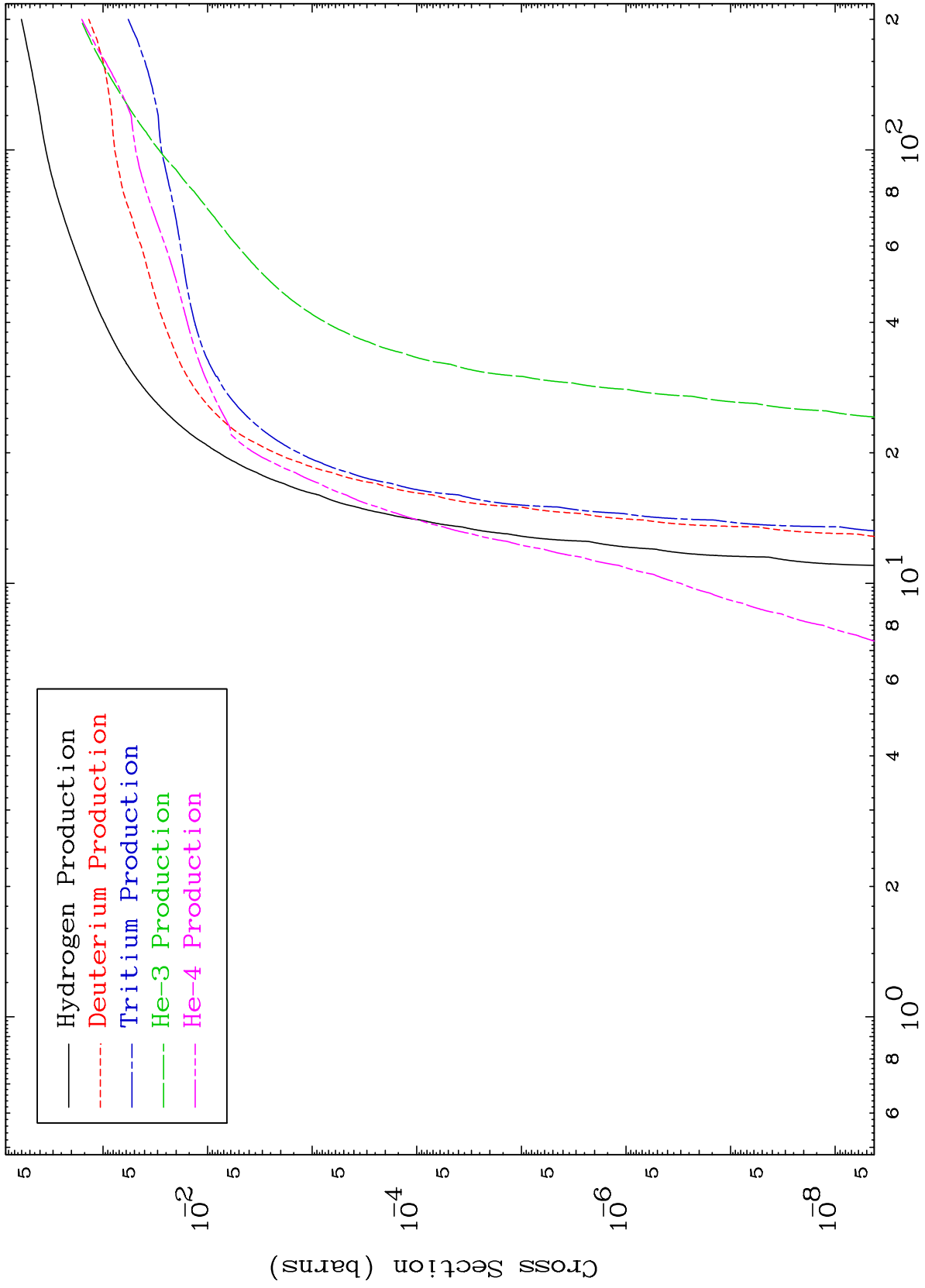
Incident Energy (MeV)

40-Zr-98

MAT 4049

Particle Production
293 Kelvin Cross Sections

40-Zr-98

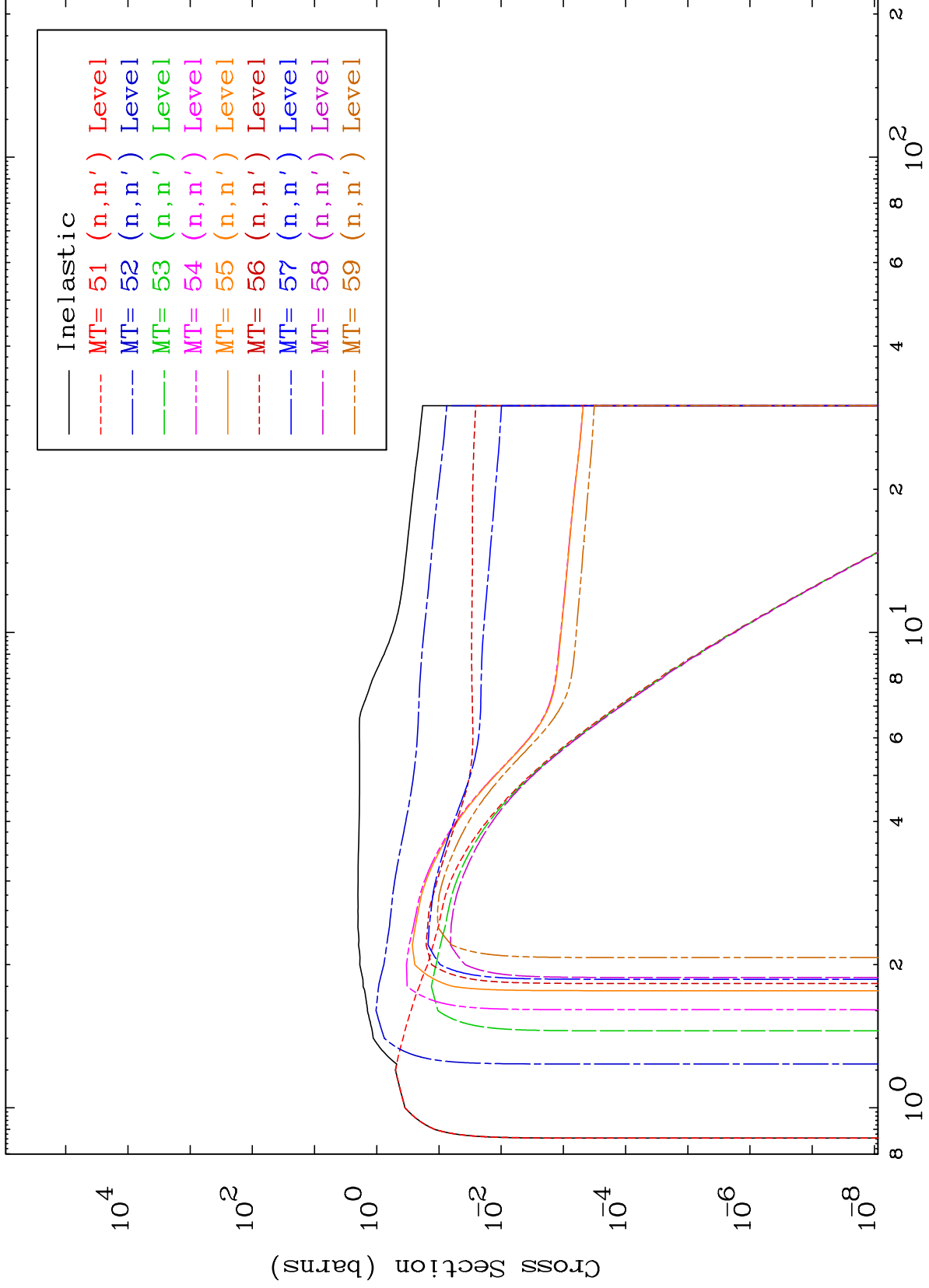


MAT 4049

(n,n') Levels

40-Zr-98

293 Kelvin Cross Sections



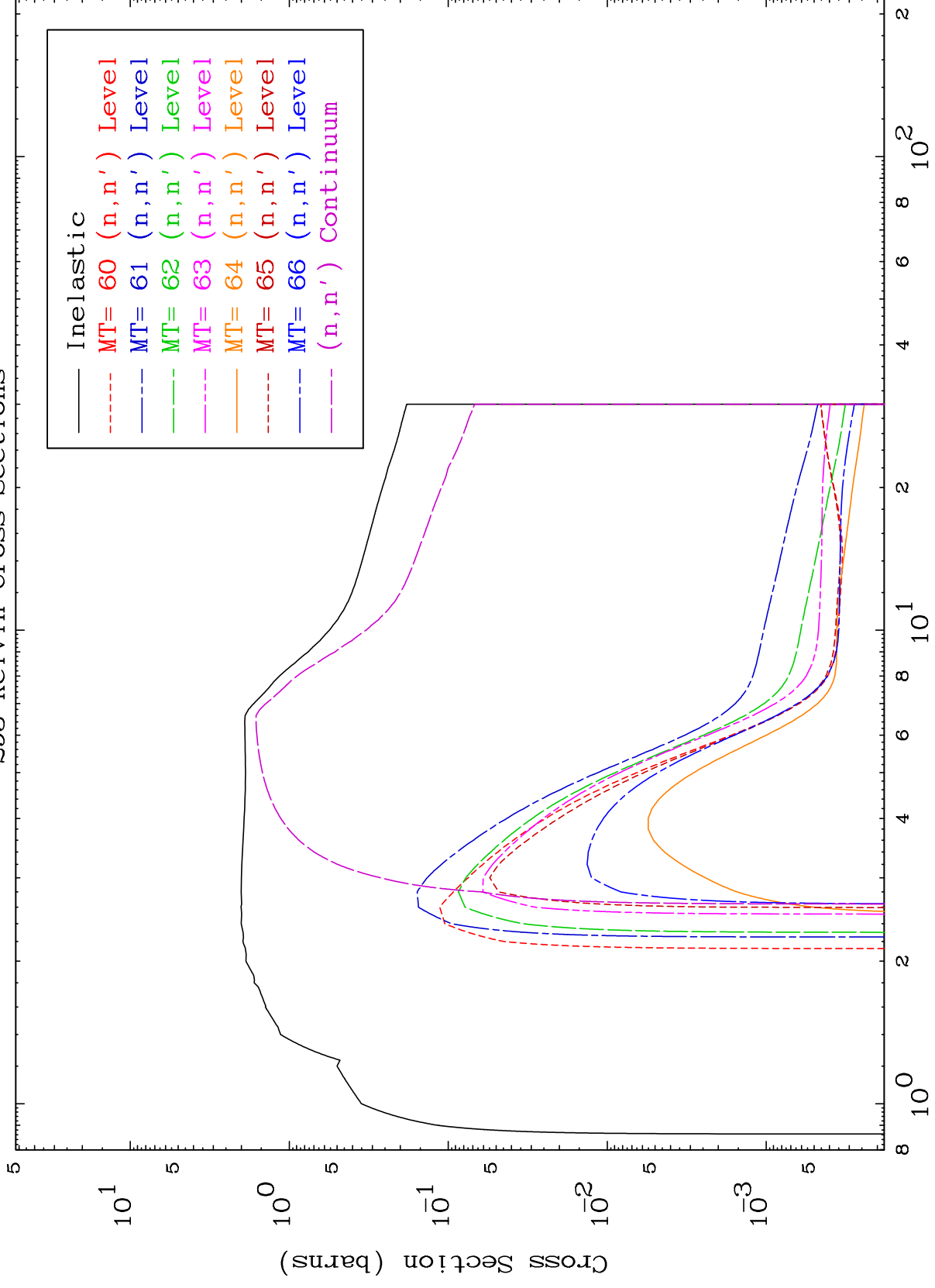
Incident Energy (MeV)

40-Zr-98

MAT 4049

(n,n') Levels
293 Kelvin Cross Sections

40-Zr-98



9

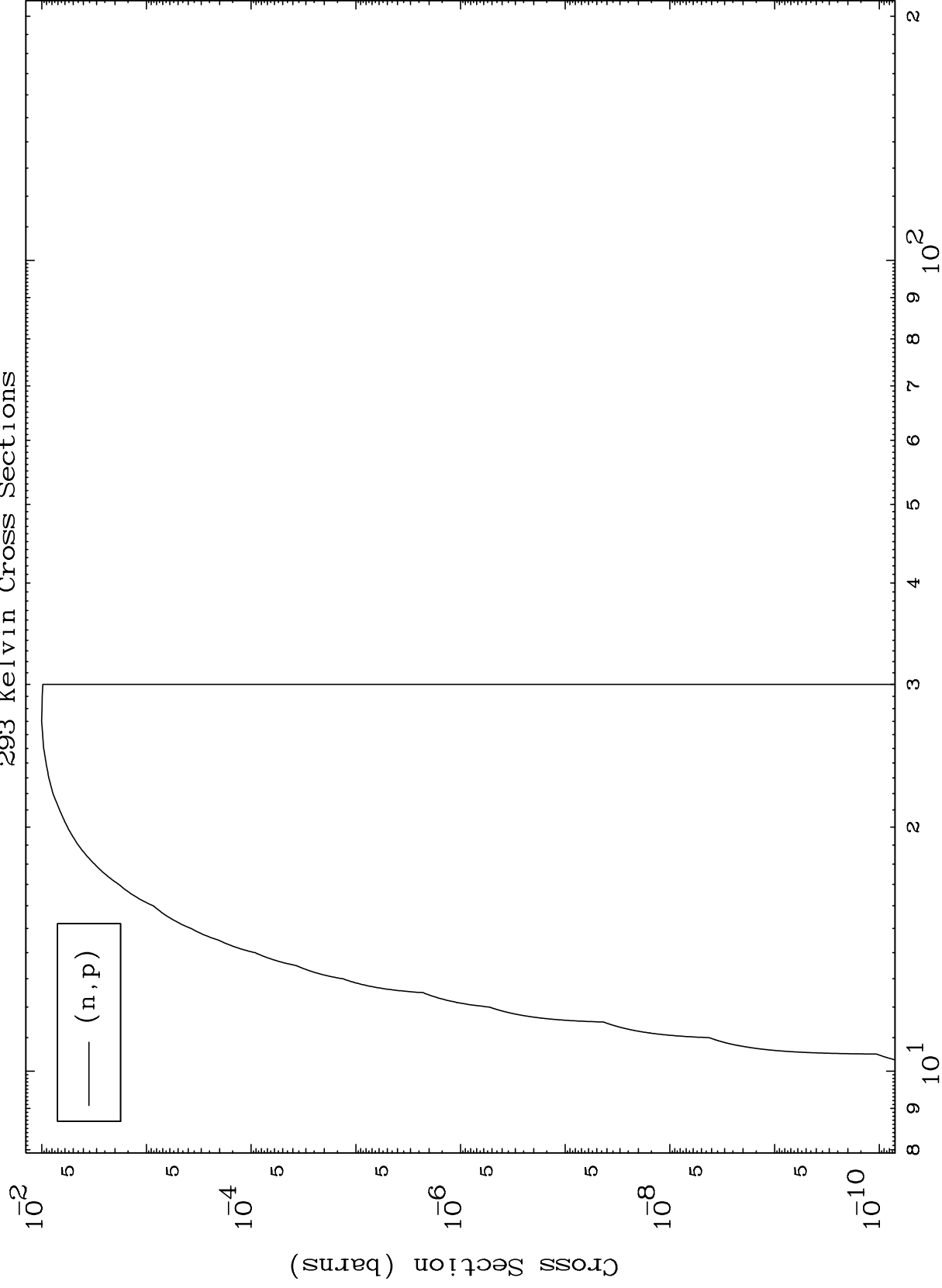
Incident Energy (MeV)

40-Zr-98

MAT 4049

(n,p) Levels
293 Kelvin Cross Sections

40-Zr-98



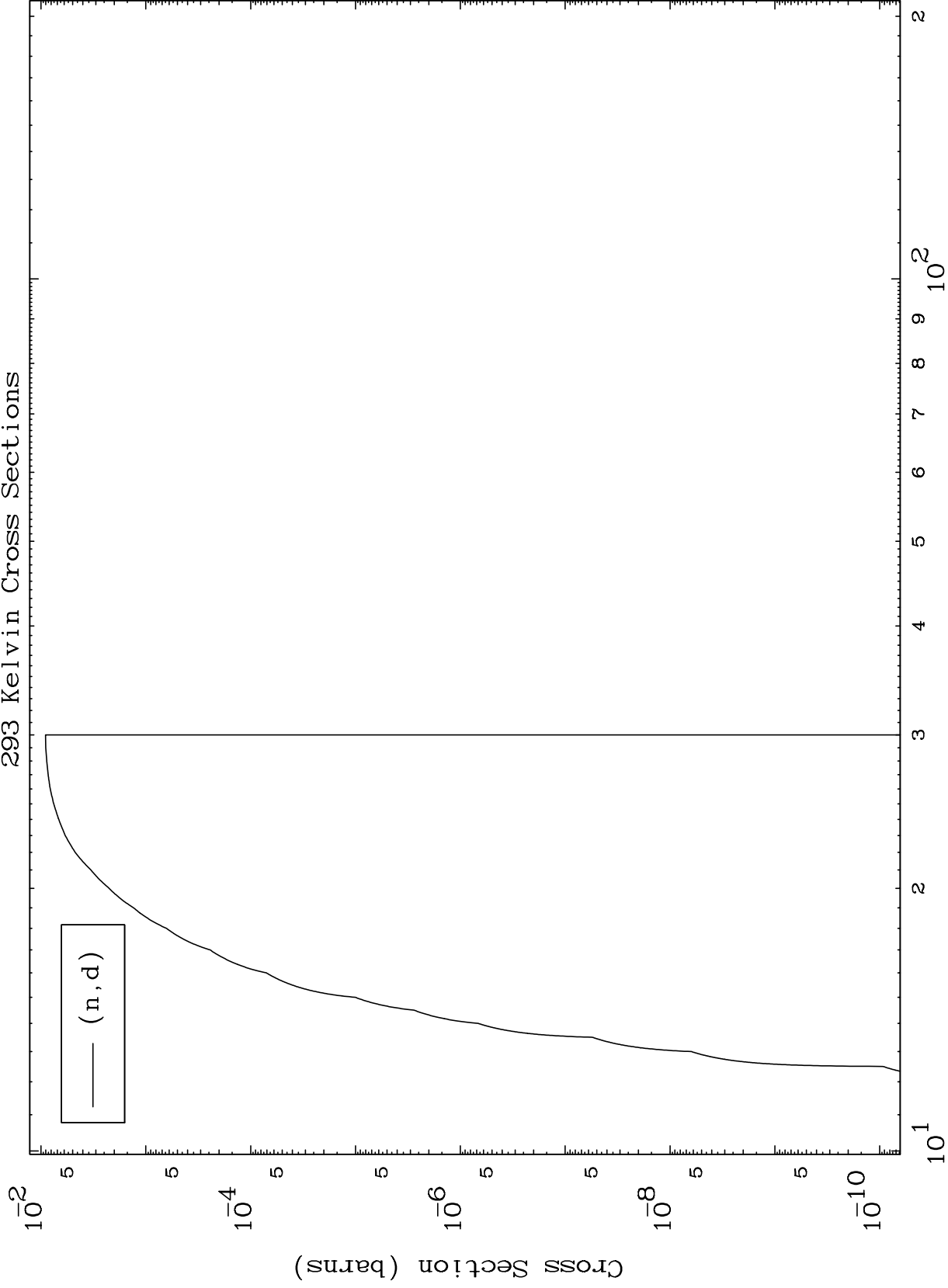
Incident Energy (MeV)

40-Zr-98

MAT 4049

(n,d) Levels
293 Kelvin Cross Sections

40-Zr-98



11

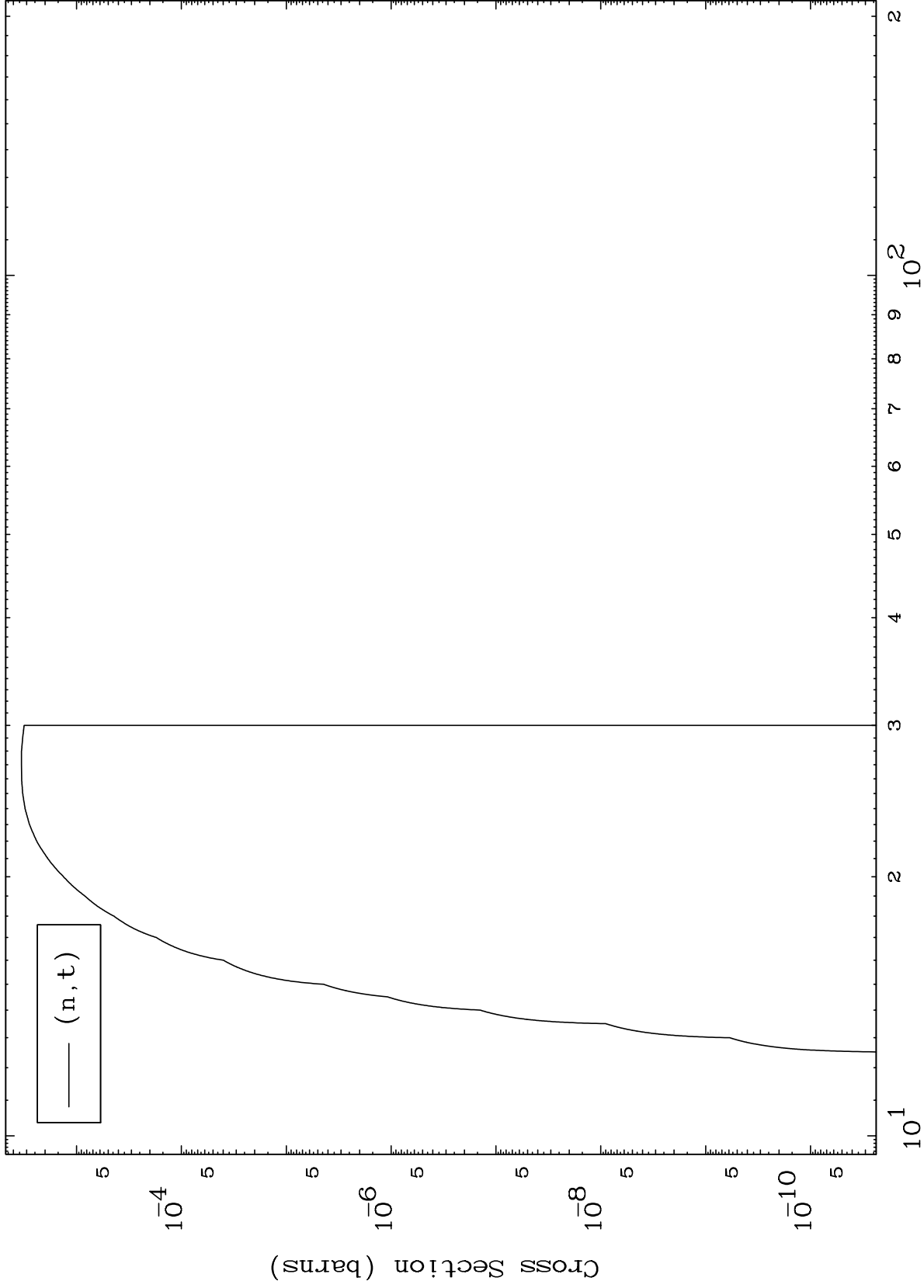
Incident Energy (MeV)

40-Zr-98

MAT 4049

(n,t) Levels
293 Kelvin Cross Sections

40-Zr-98



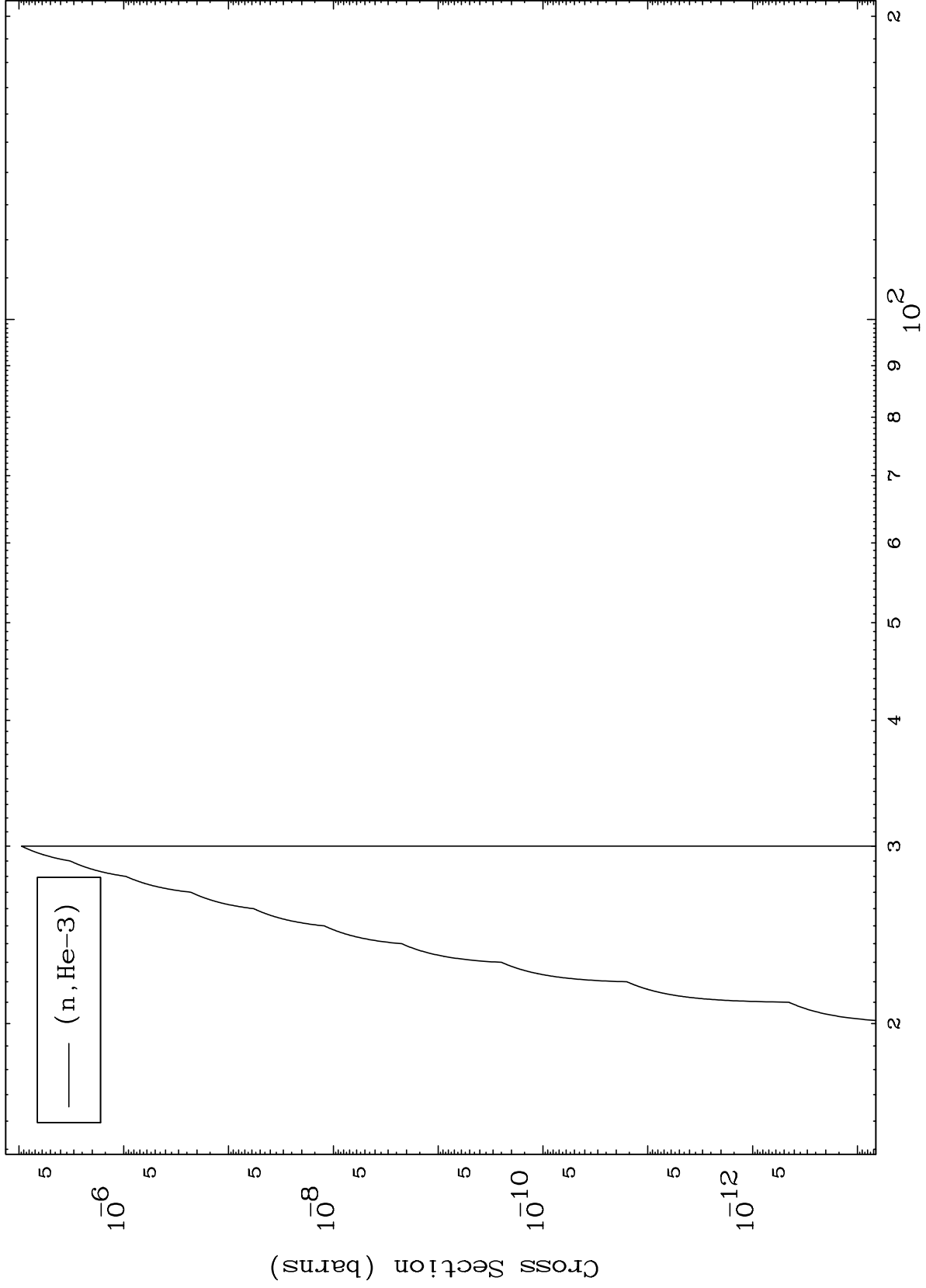
Incident Energy (MeV)

40-Zr-98

MAT 4049

(n,He3) Levels
293 Kelvin Cross Sections

40-Zr-98

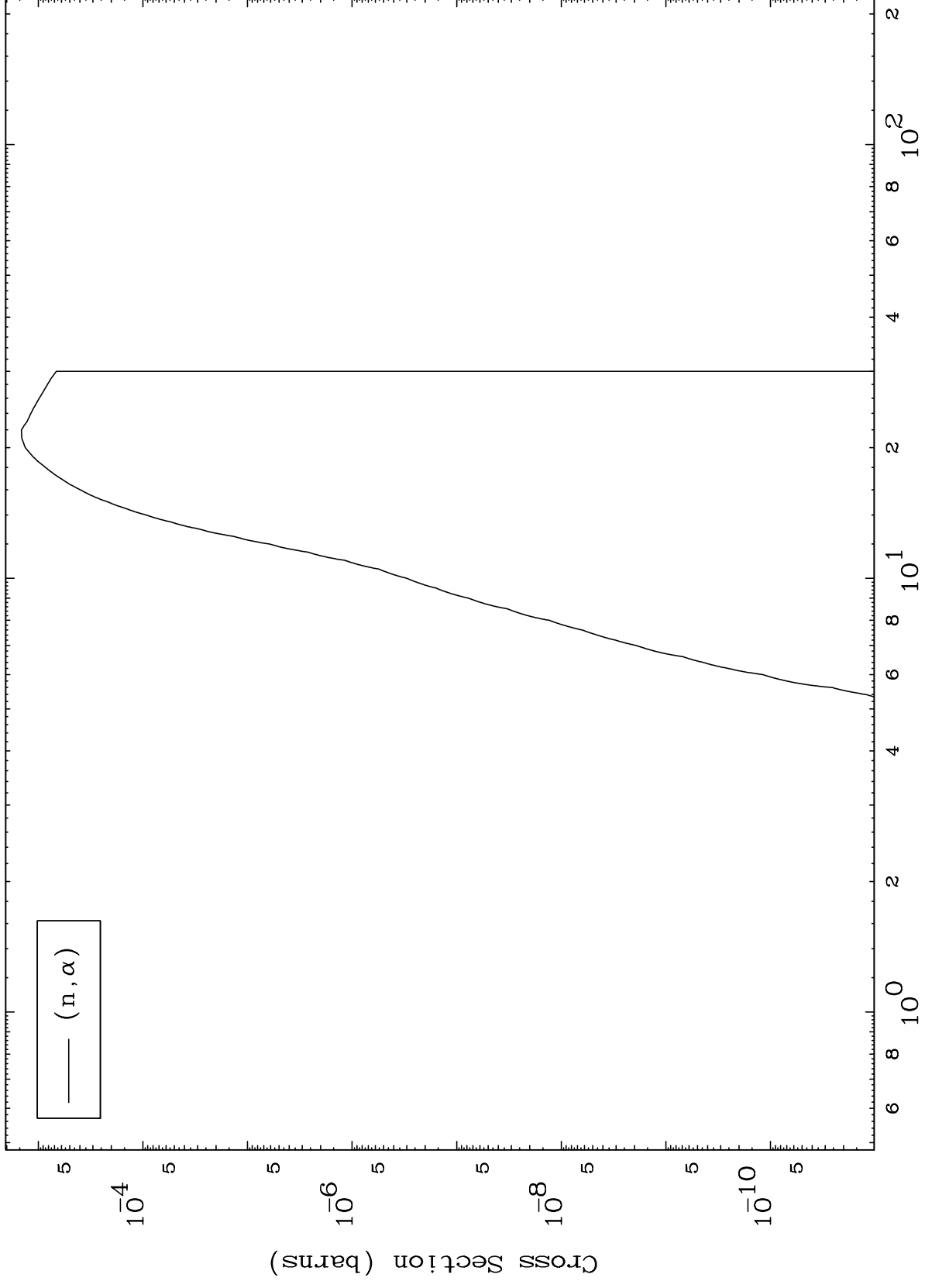


MAT 4049

(n, α) Levels

40-Zr-98

293 Kelvin Cross Sections



14

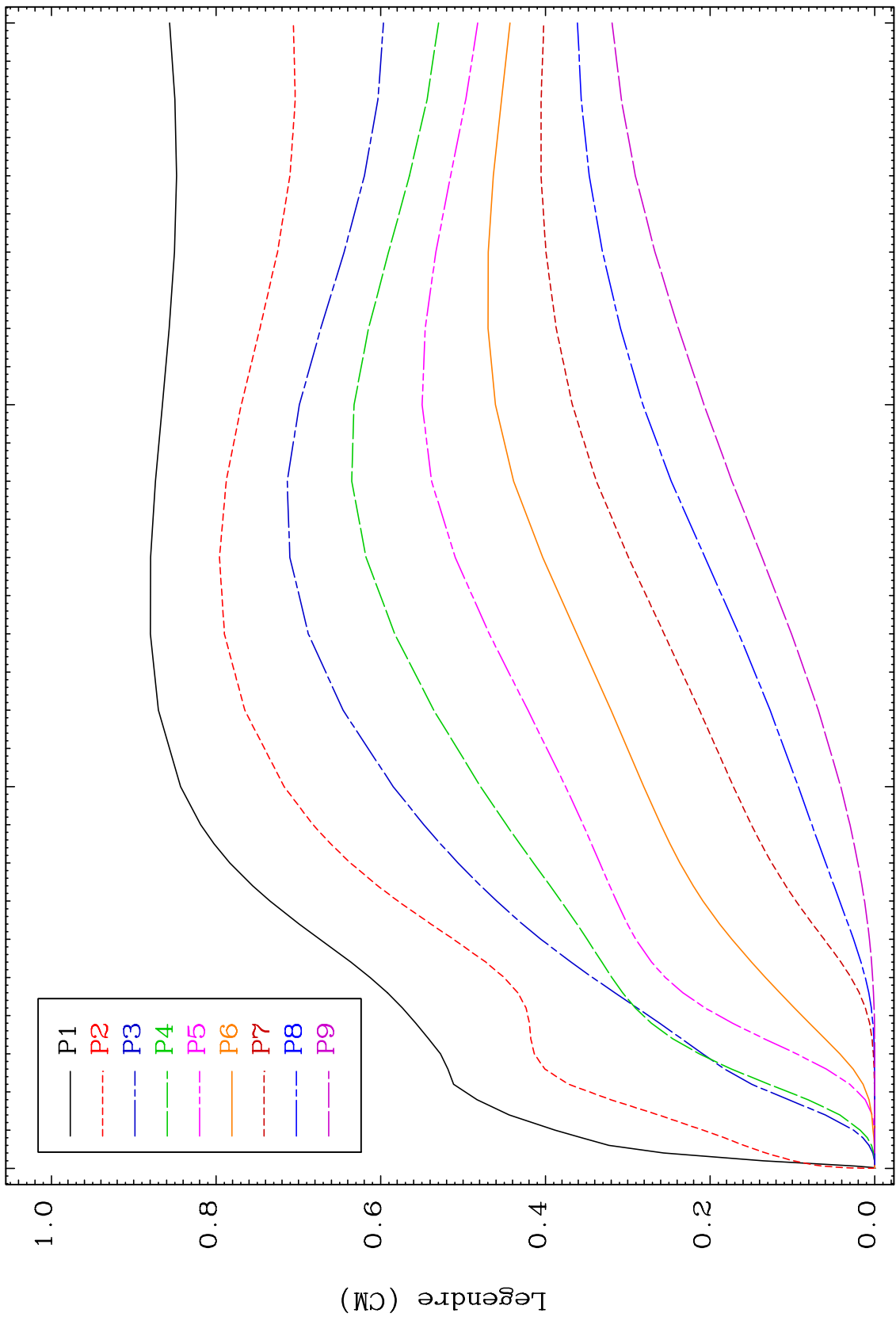
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40-Zr-98

MAT 4049

Elastic Legendre Coefficients

40-Zr-98



15

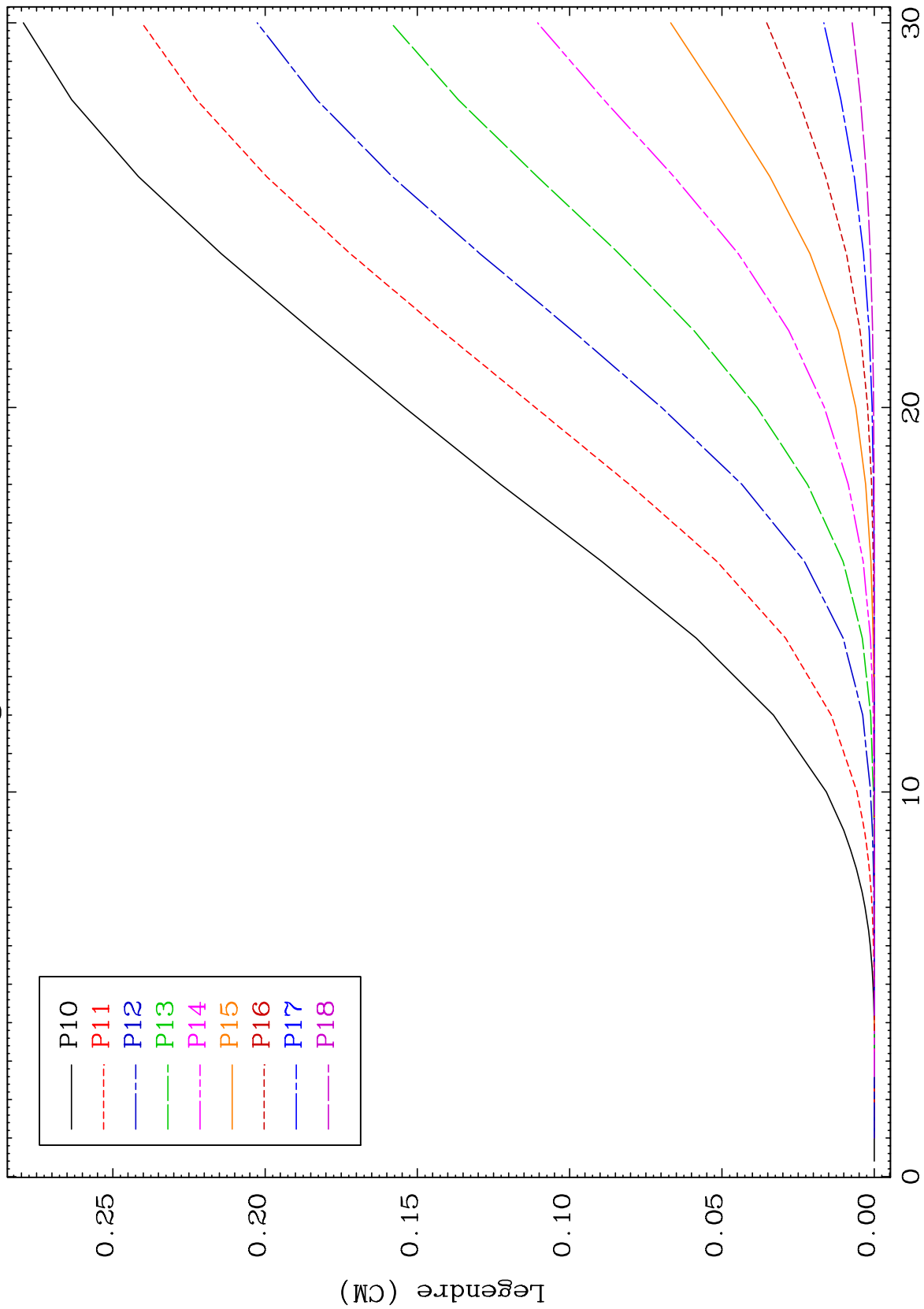
Incident Energy (MeV)

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MAT 4049

Elastic Legendre Coefficients

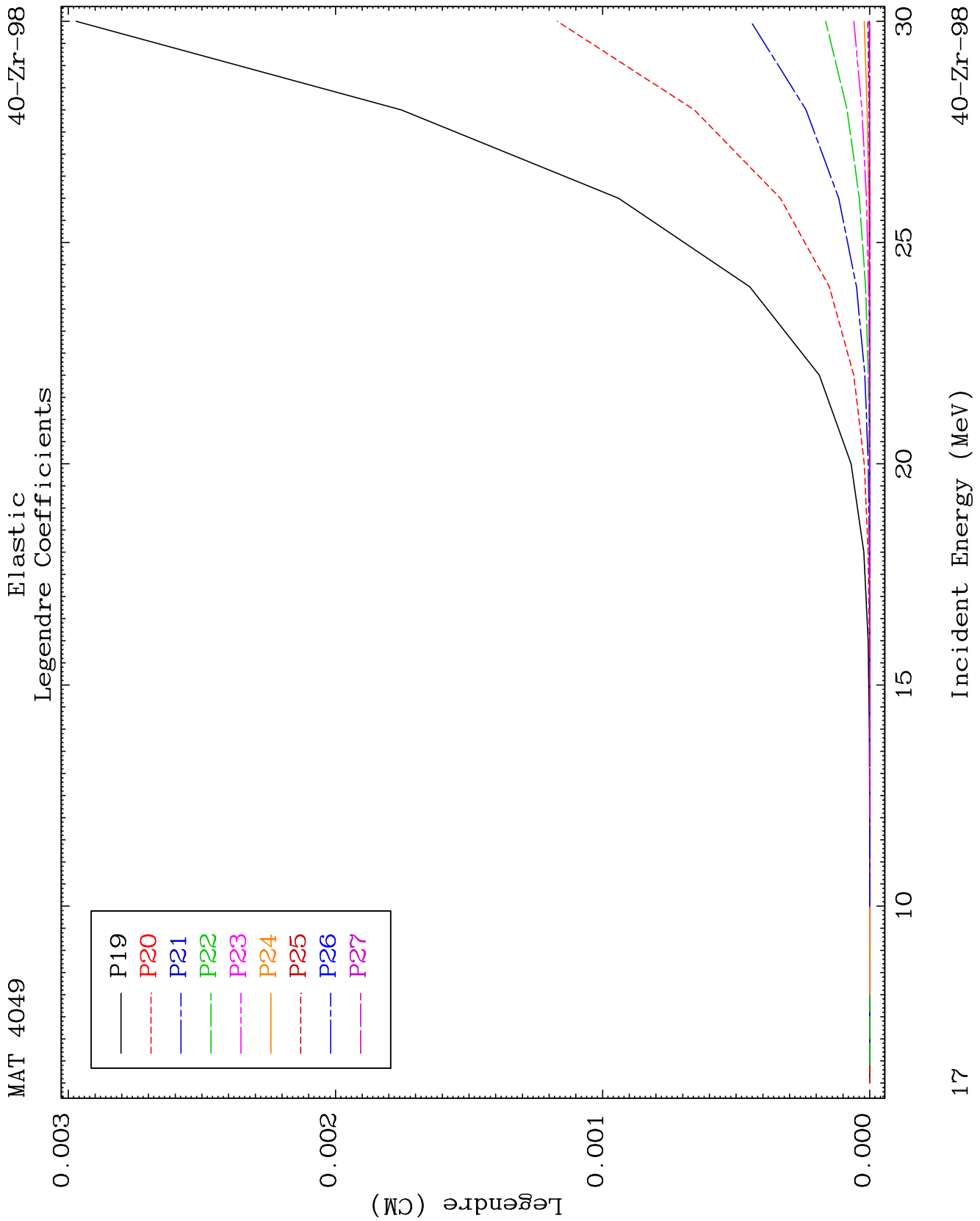
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16

Incident Energy (MeV)

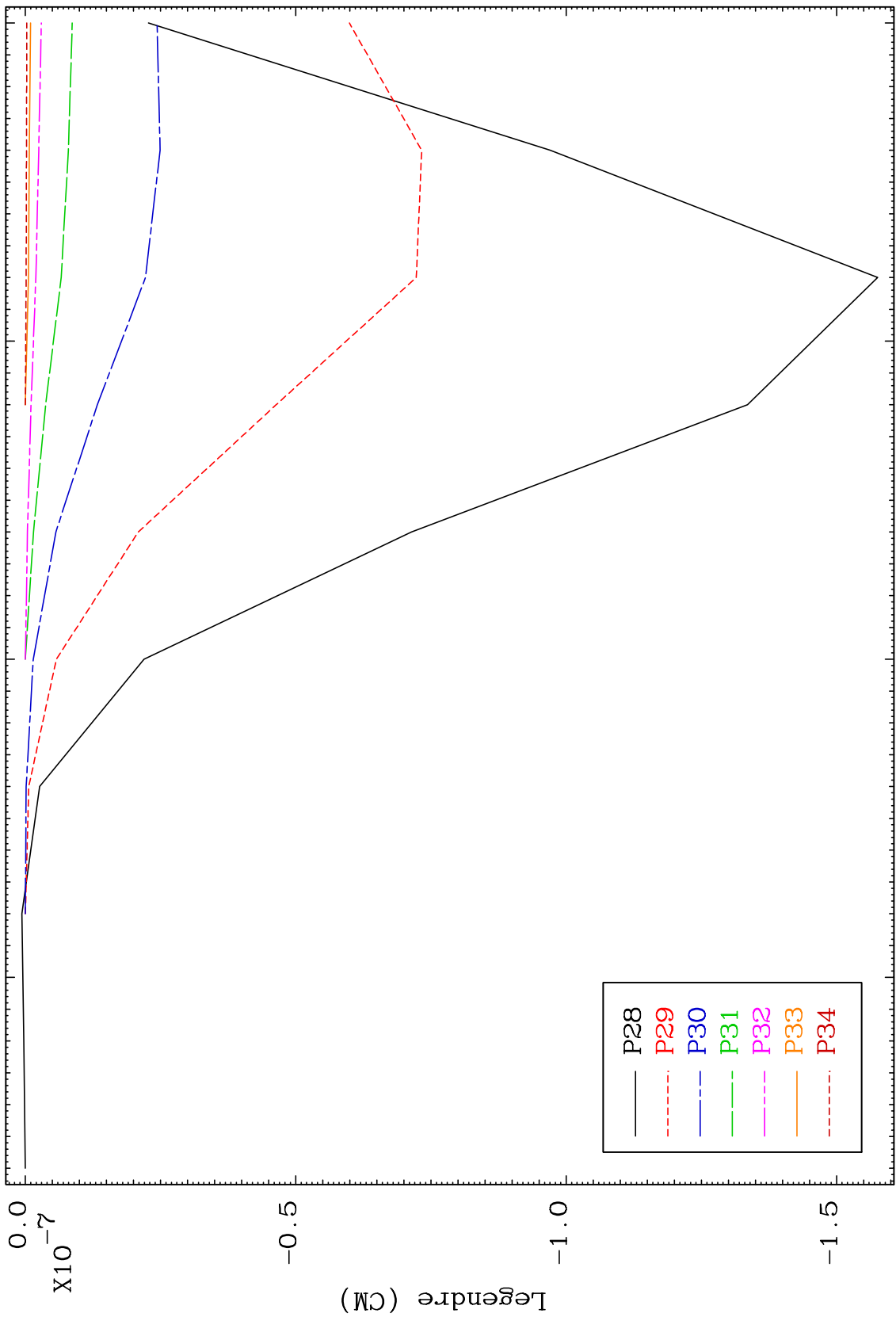
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MAT 4049

40-Zr-98

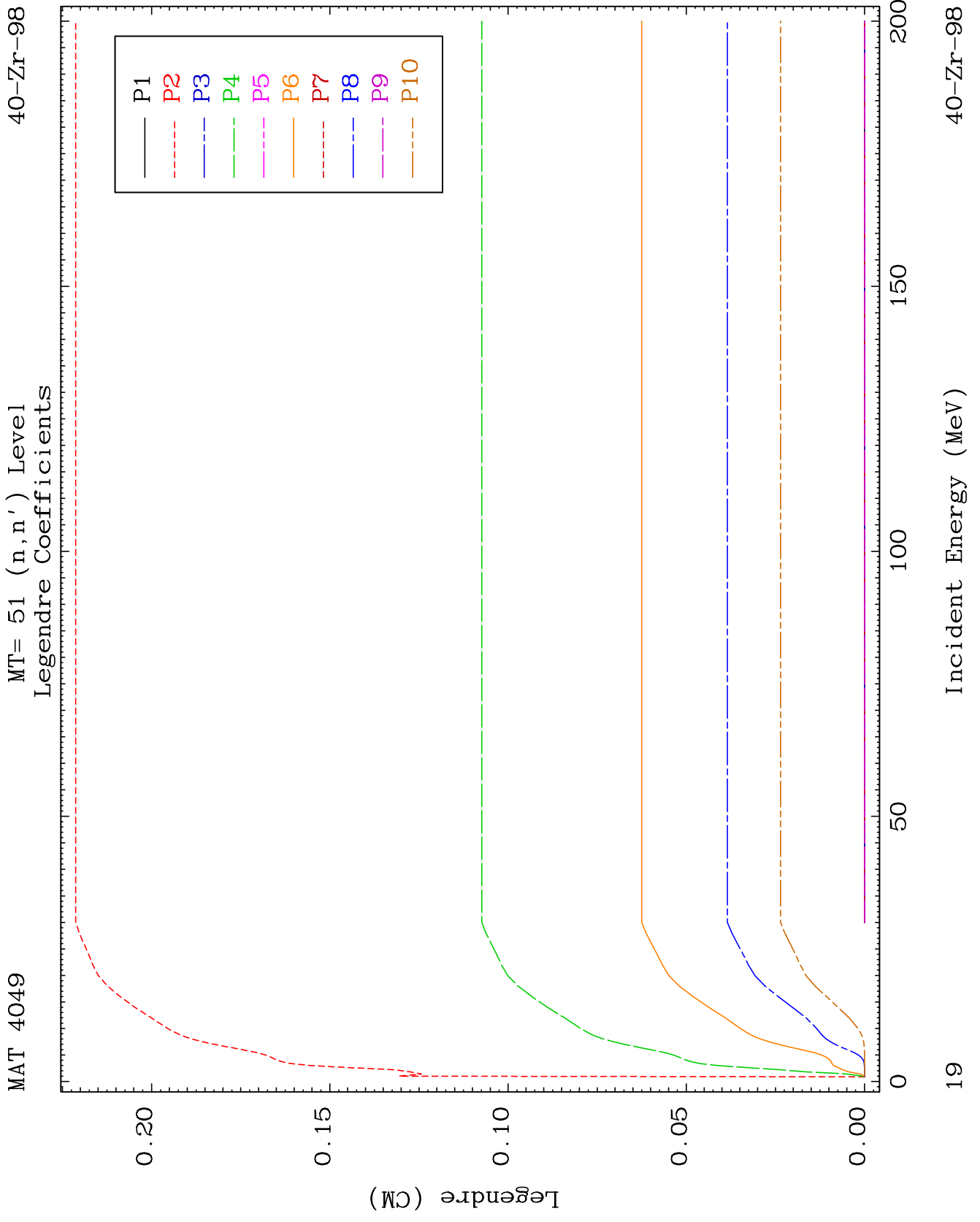
Elastic Legendre Coefficients

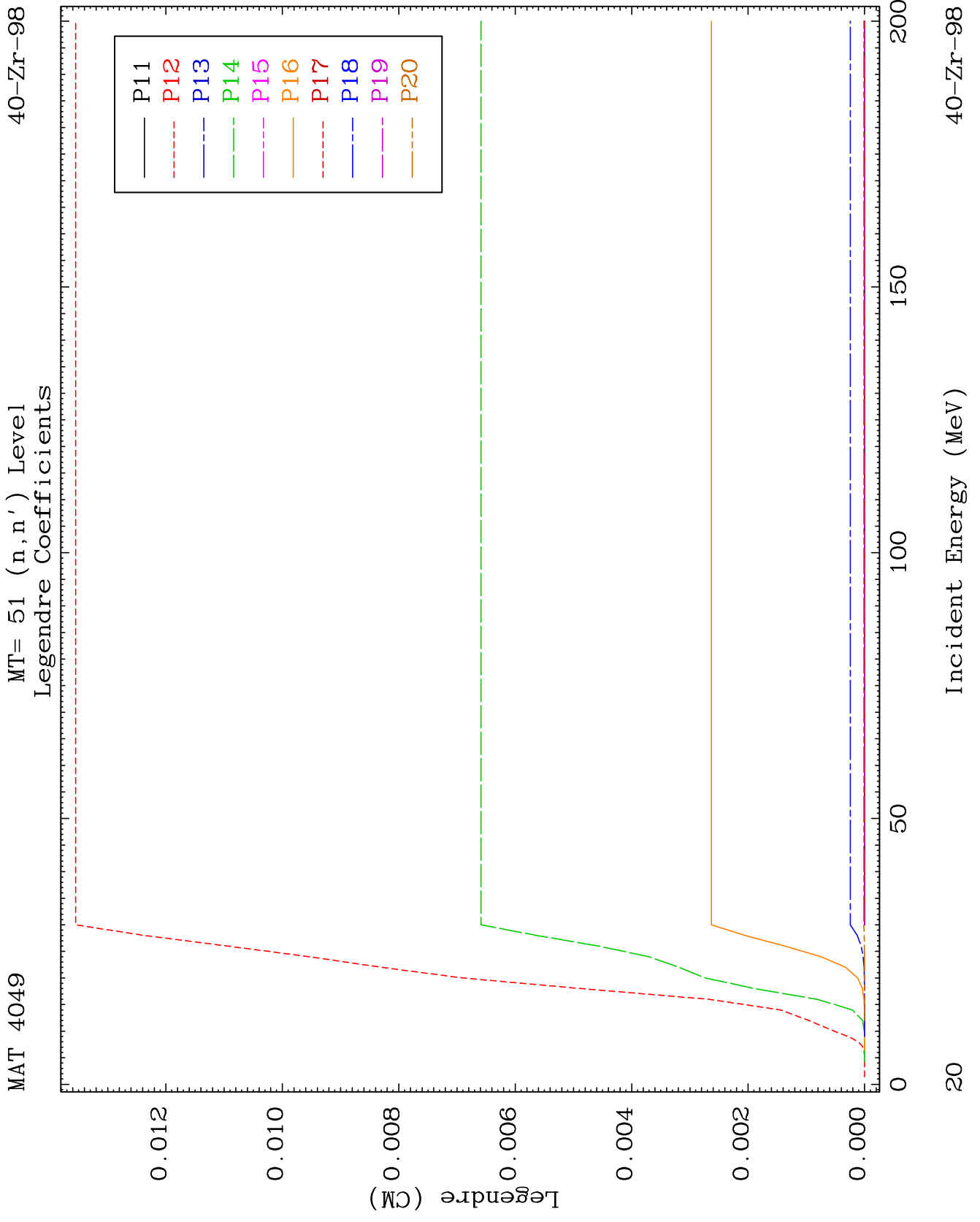


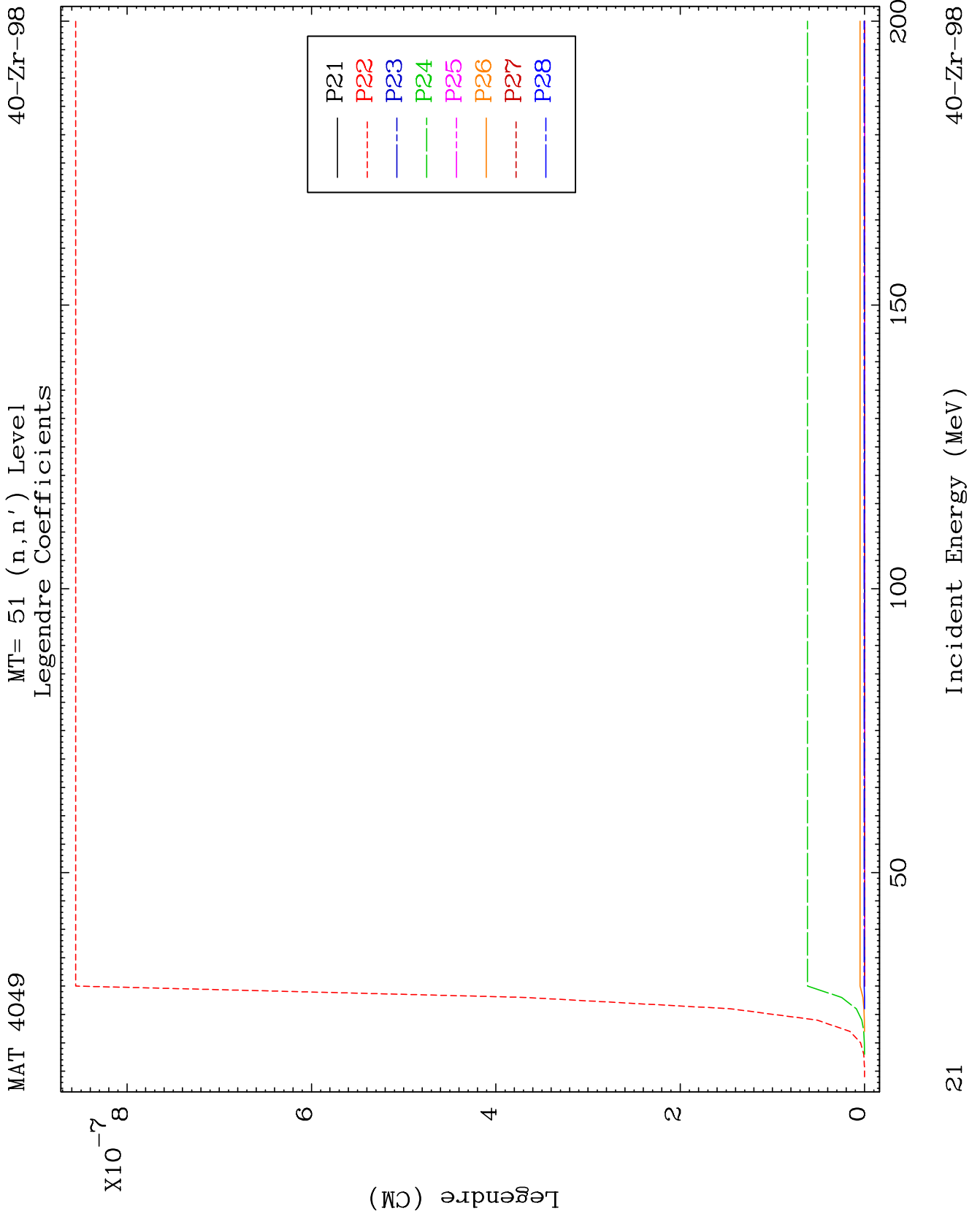
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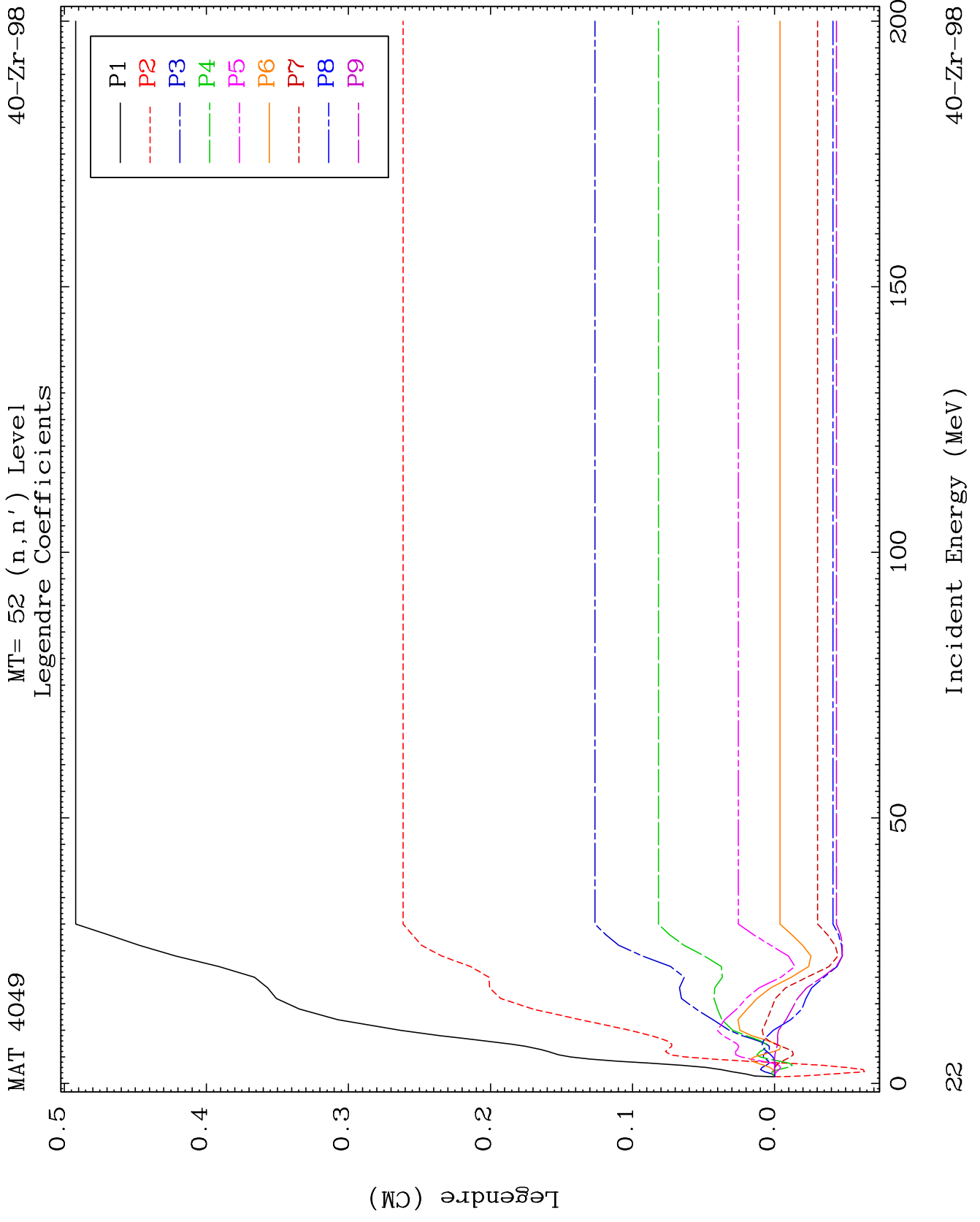
Incident Energy (MeV)

40-Zr-98





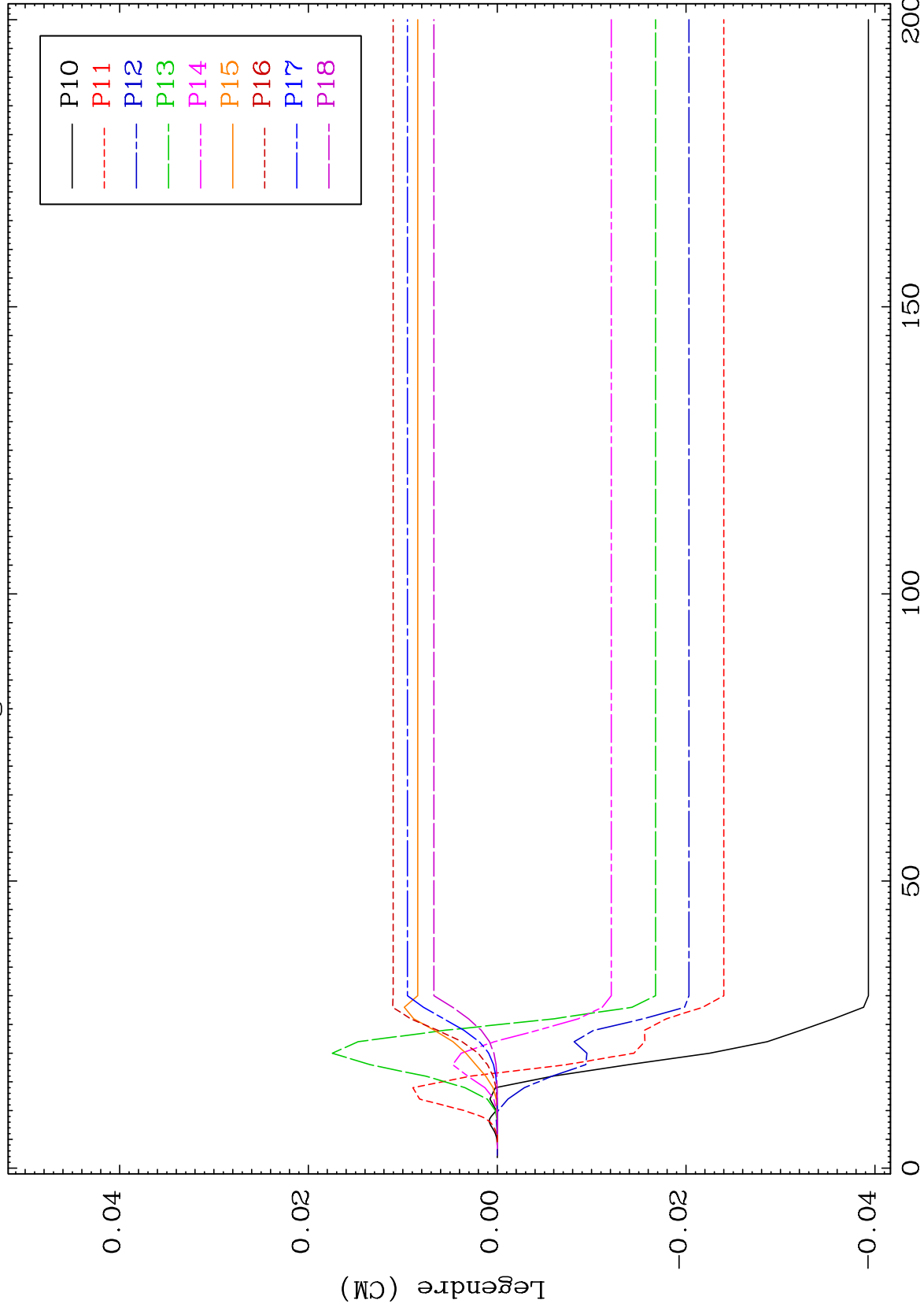




MAT 4049

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

40-Zr-98



23

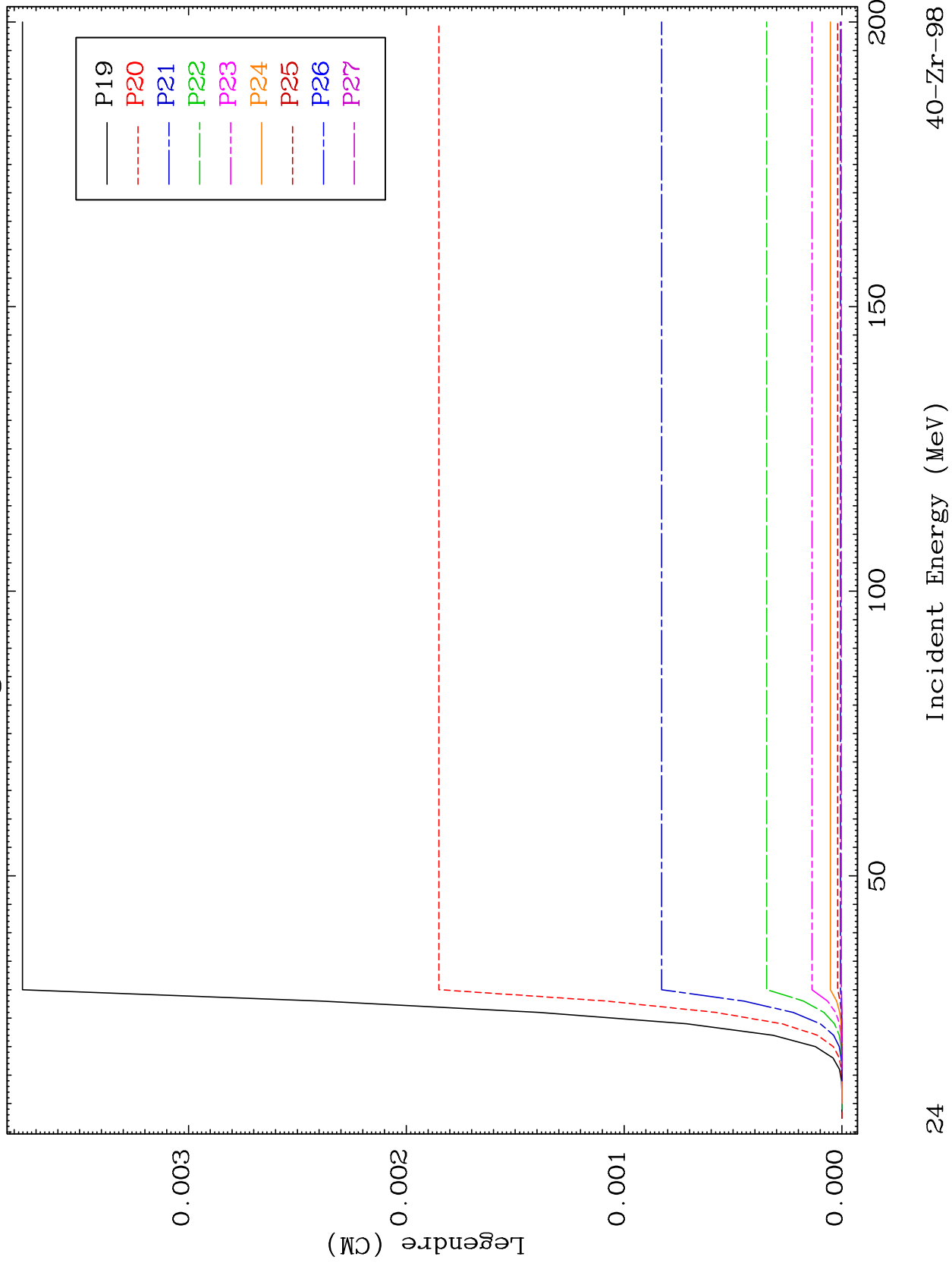
Incident Energy (MeV)

40-Zr-98

MAT 4049

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

40-Zr-98



24

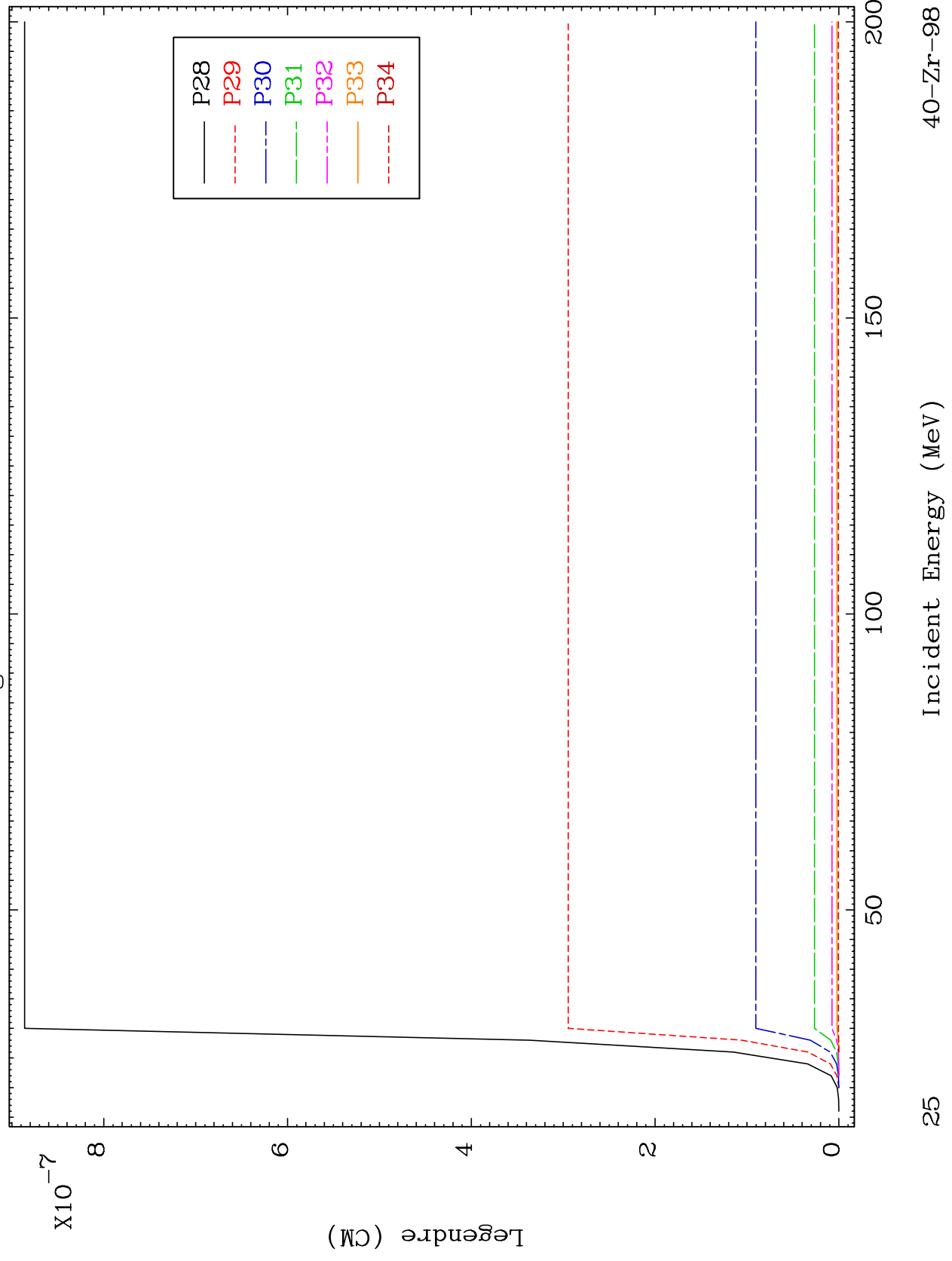
Incident Energy (MeV)

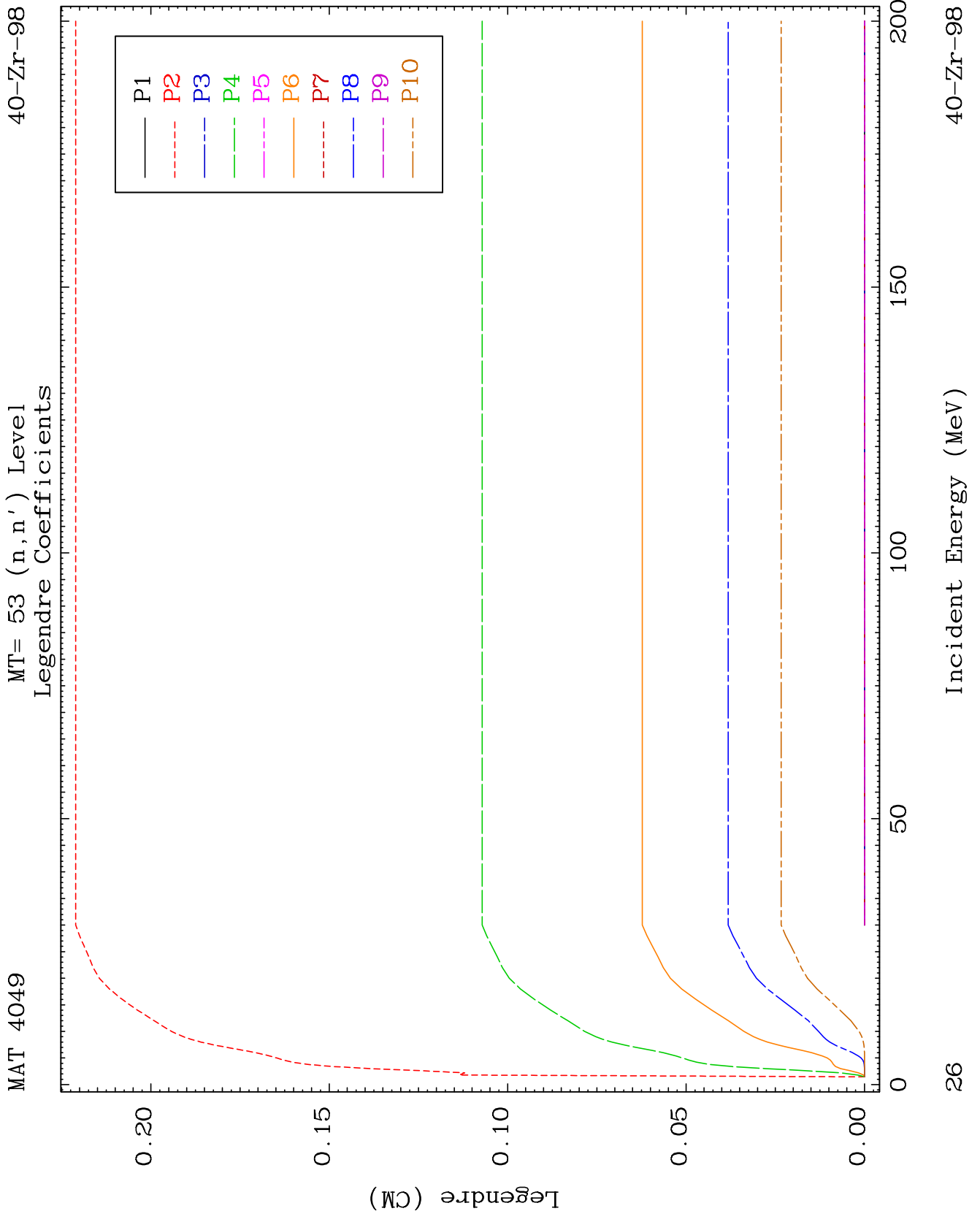
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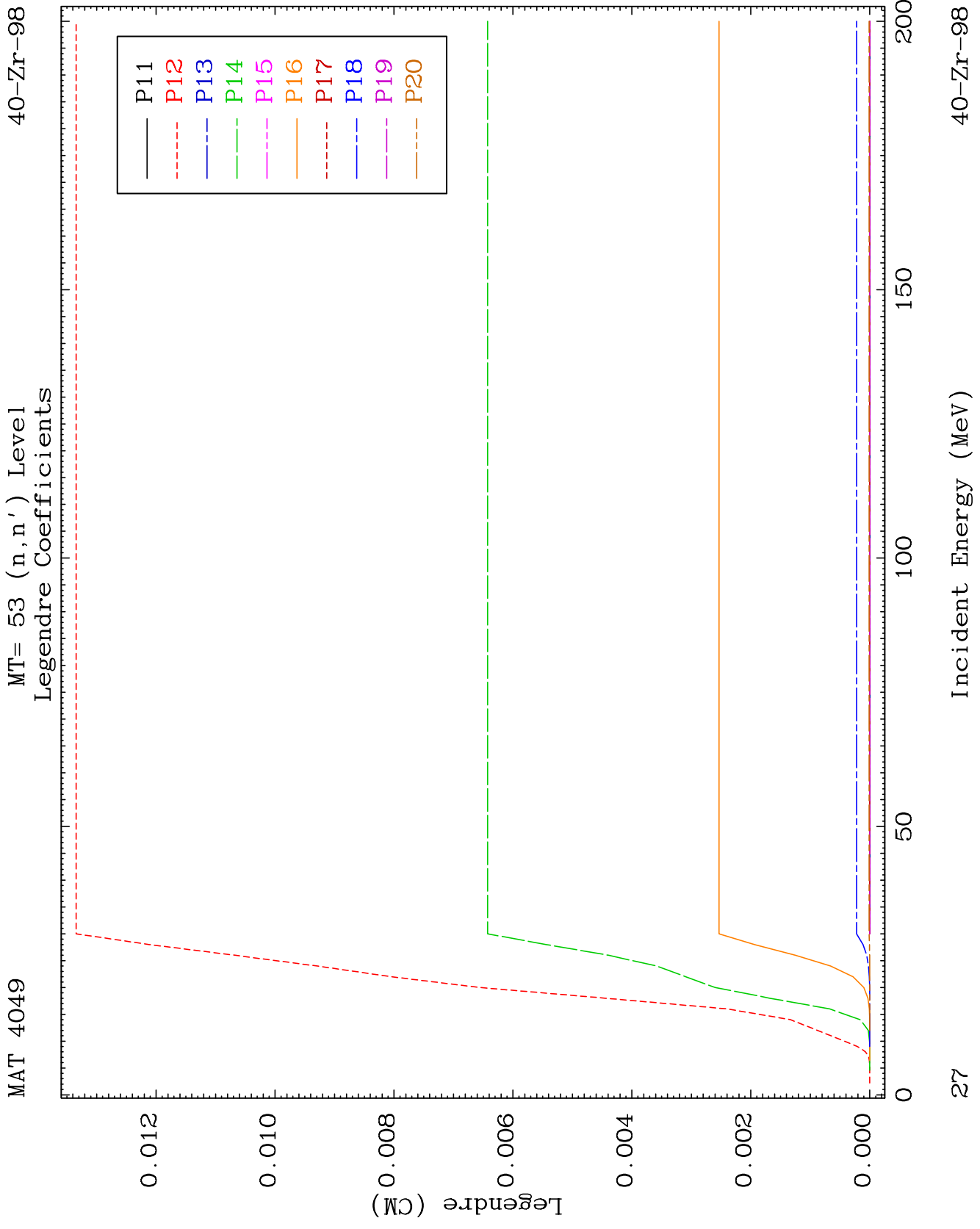
MAT 4049

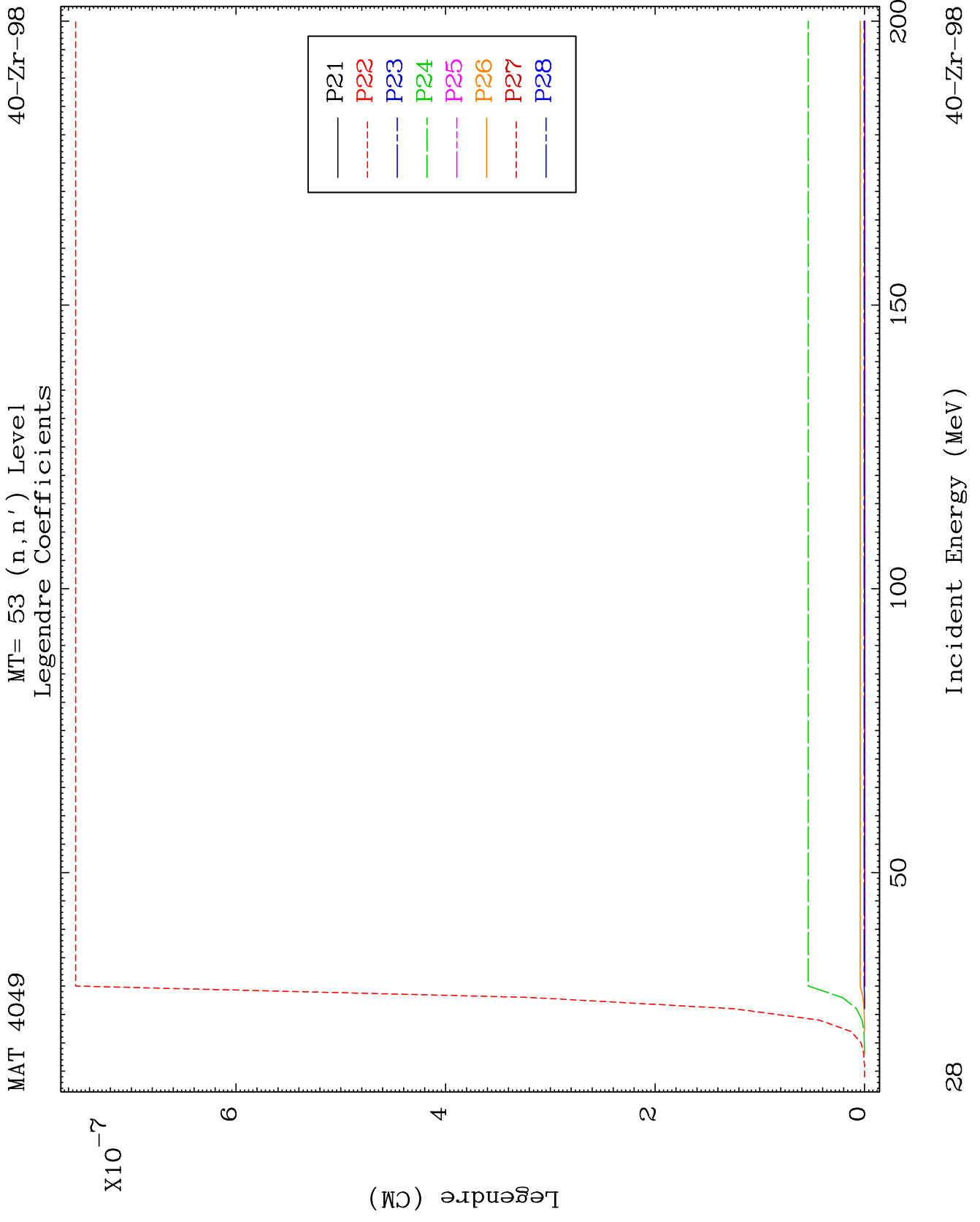
MT= 52 (n,n') Level
Legendre Coefficients

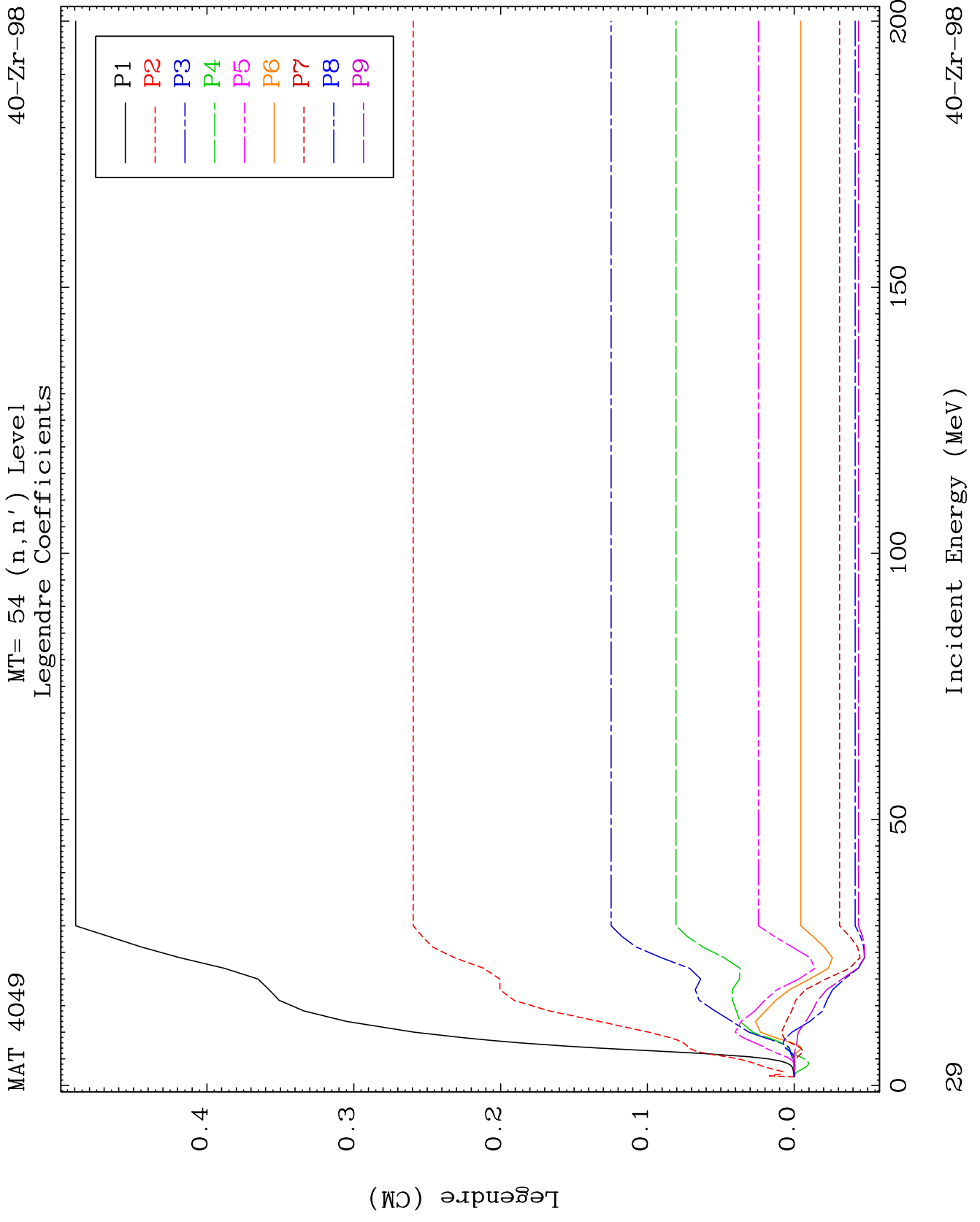
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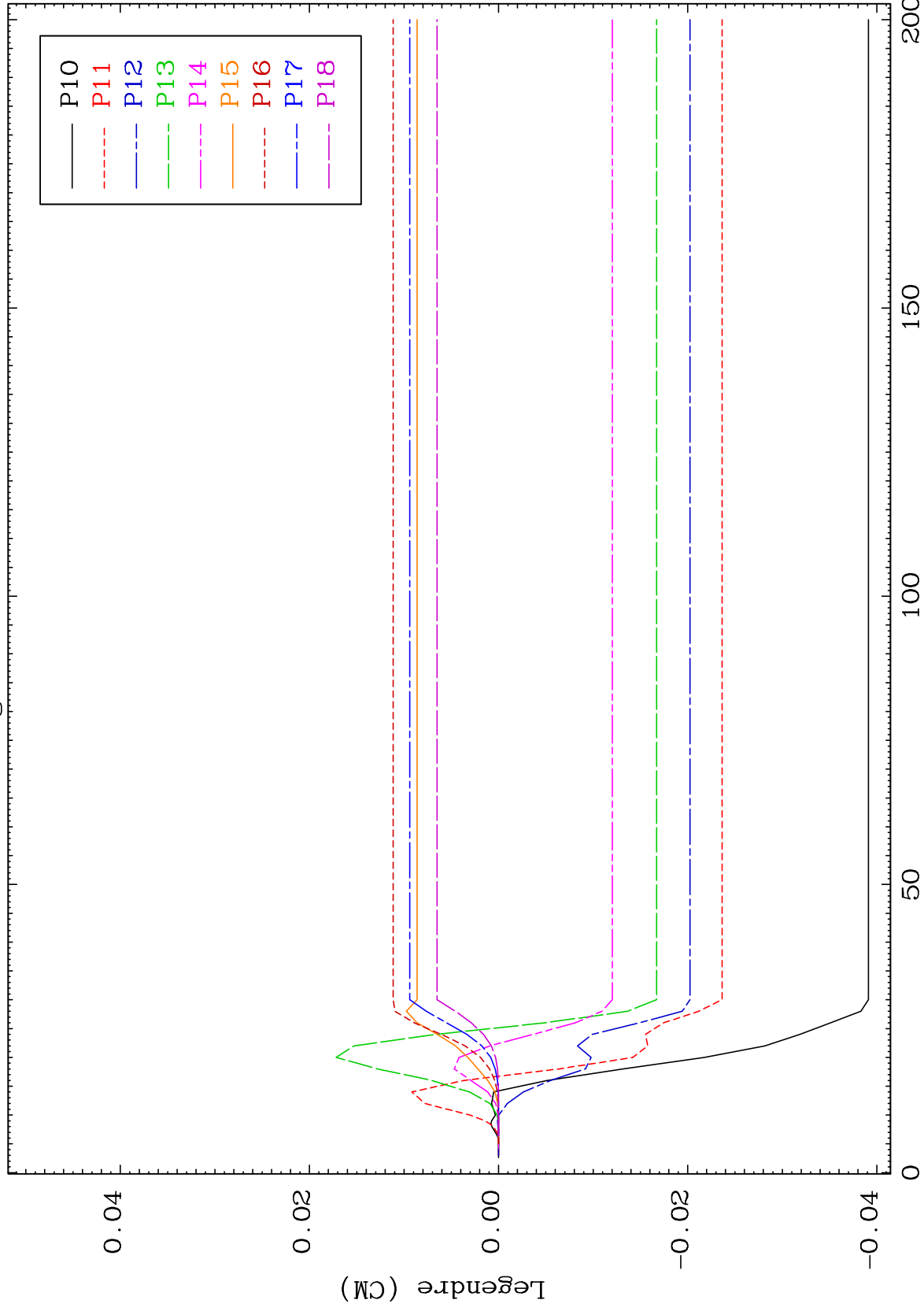




MAT 4049

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

40-Zr-98



30

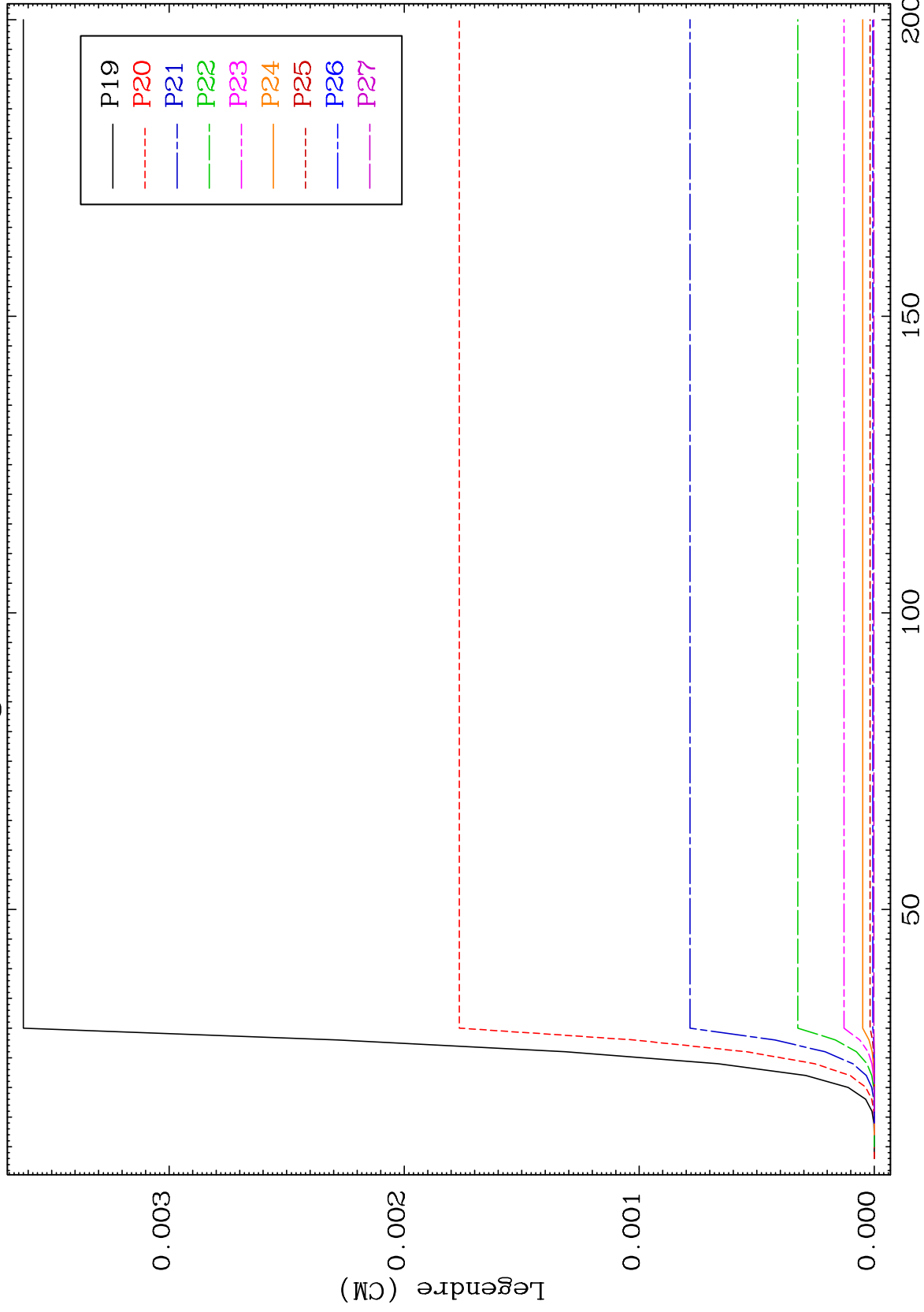
Incident Energy (MeV)

40-Zr-98

MAT 4049

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

40-Zr-98



31

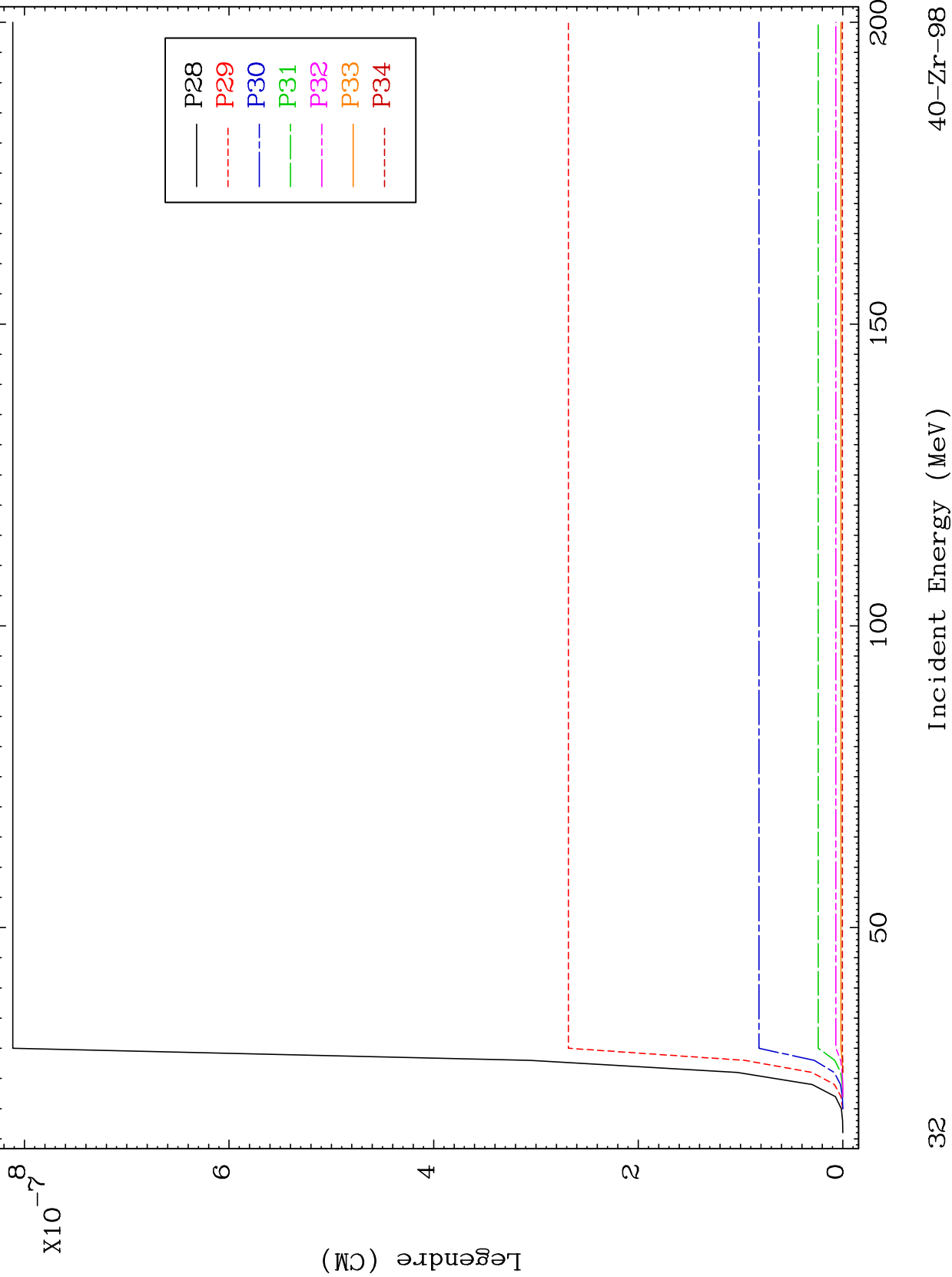
Incident Energy (MeV)

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MAT 4049

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

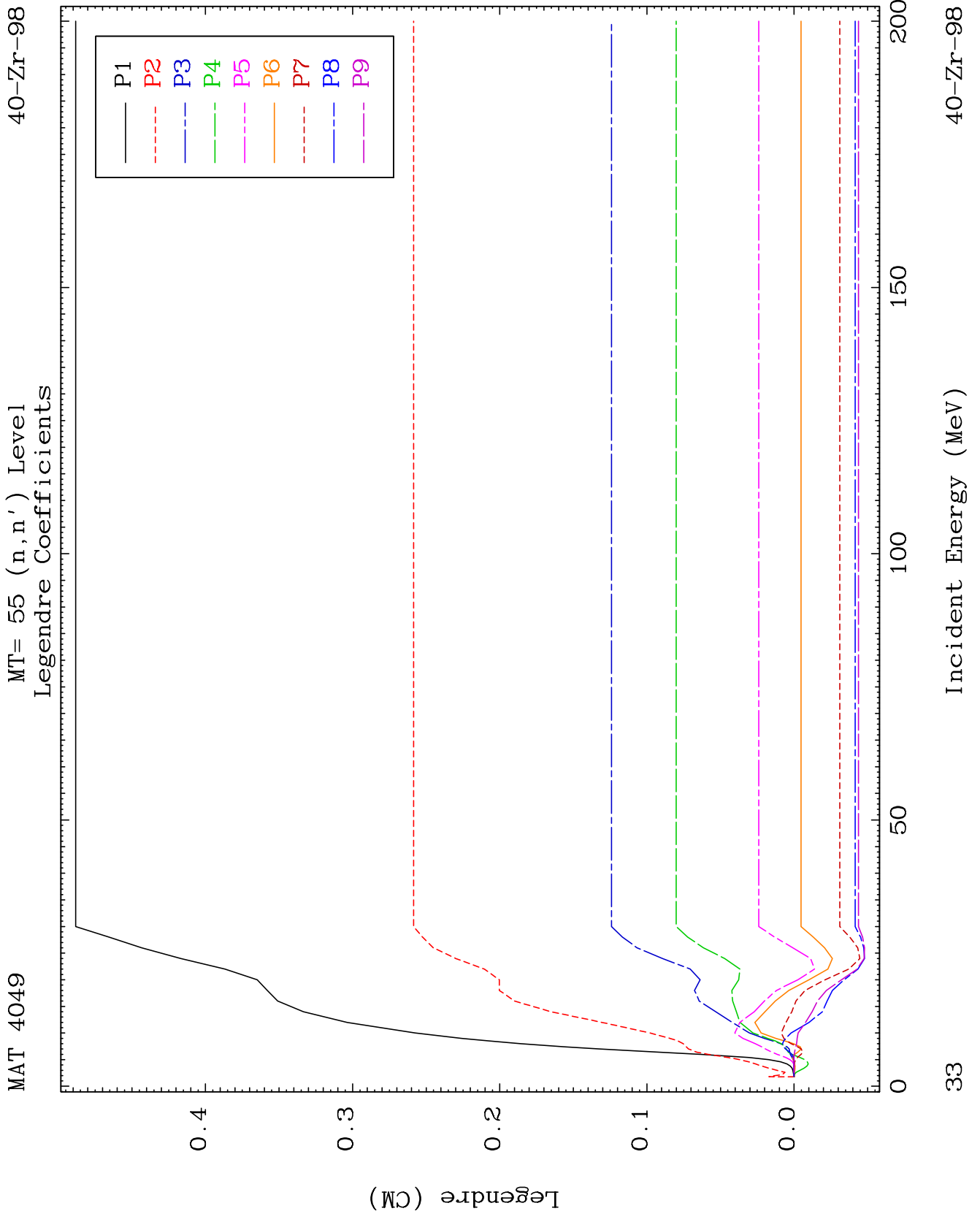
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32

Incident Energy (MeV)

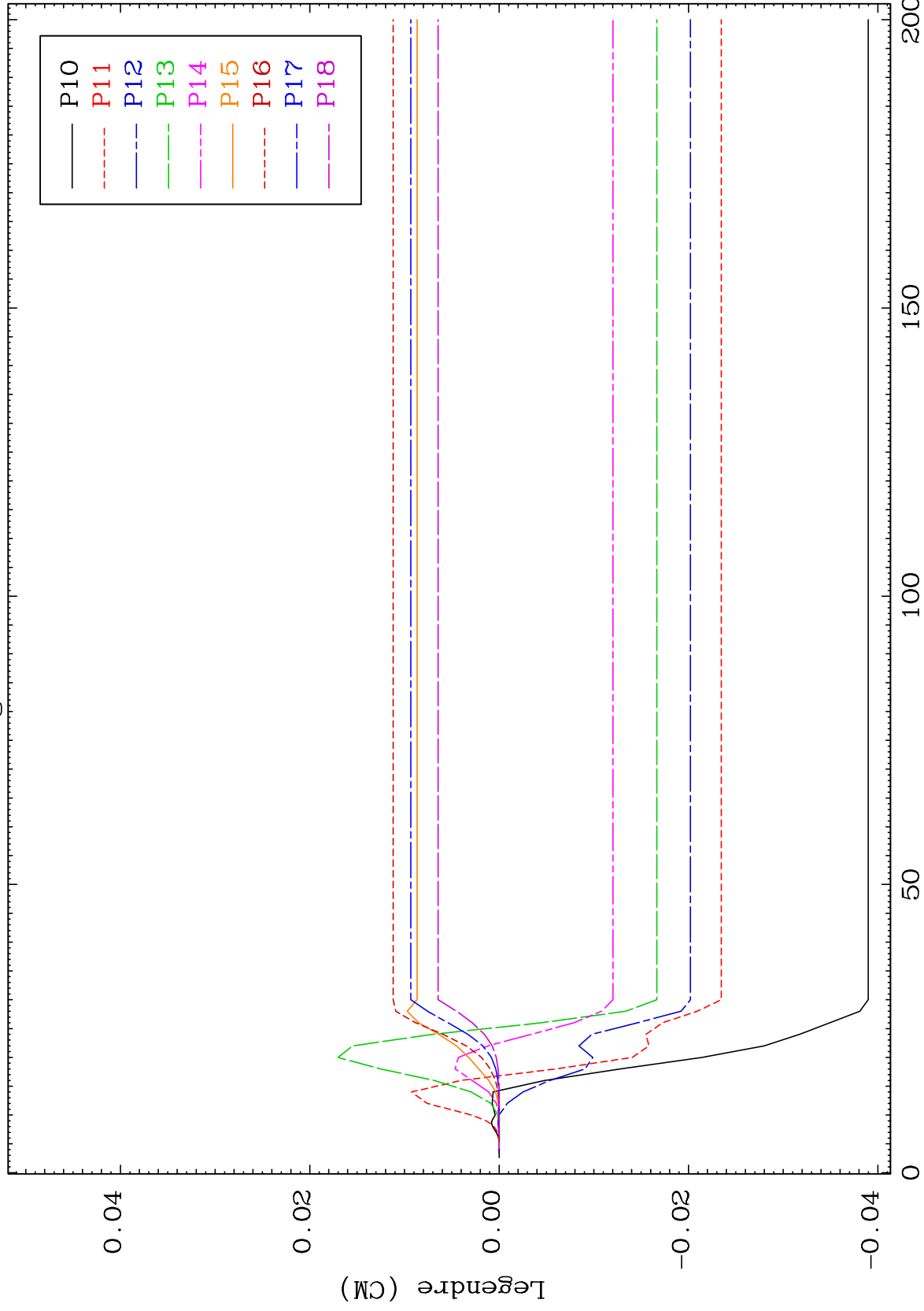
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MAT 4049

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

40-Zr-98



34

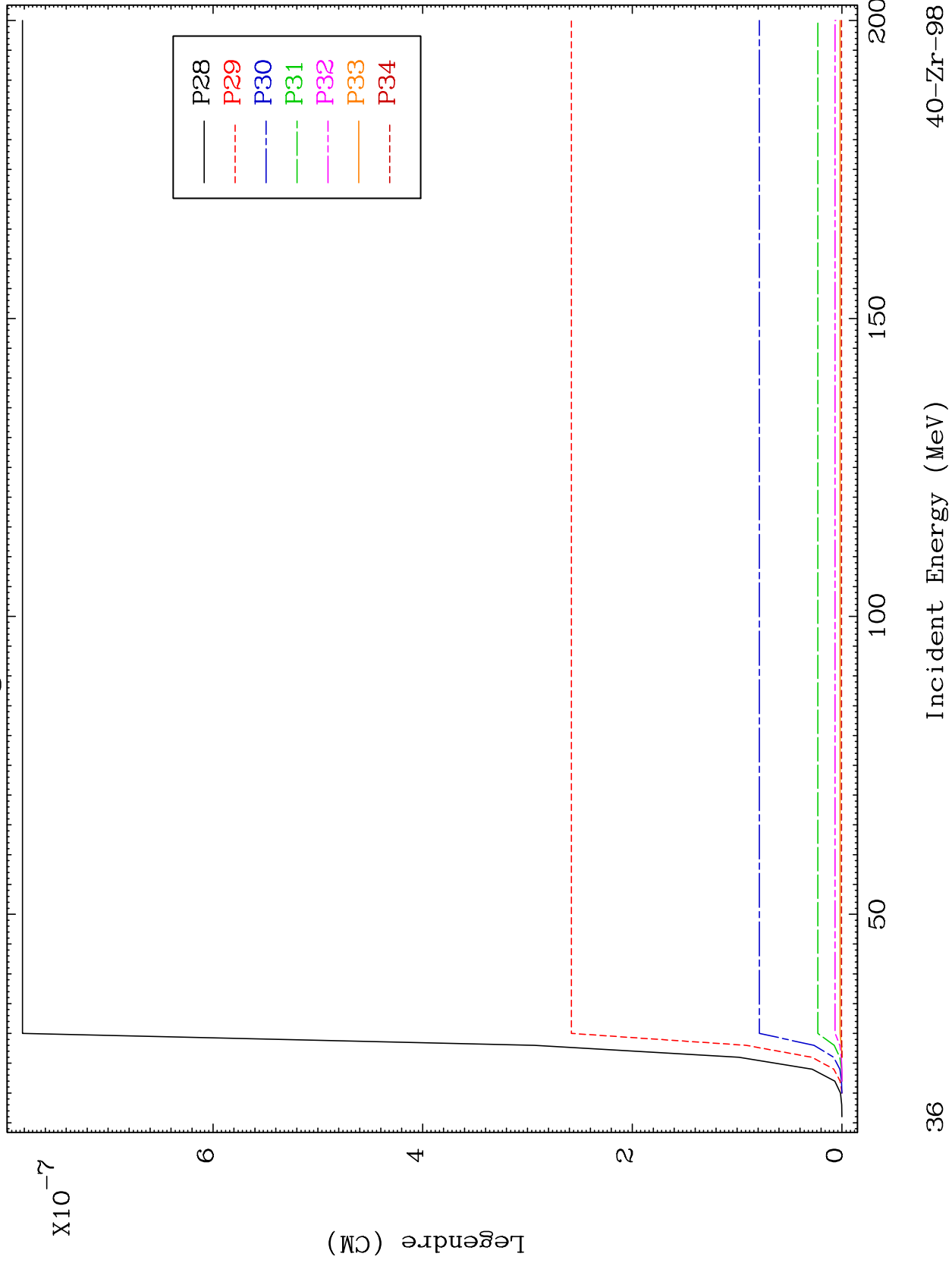
Incident Energy (MeV)

40-Zr-98

MAT 4049

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

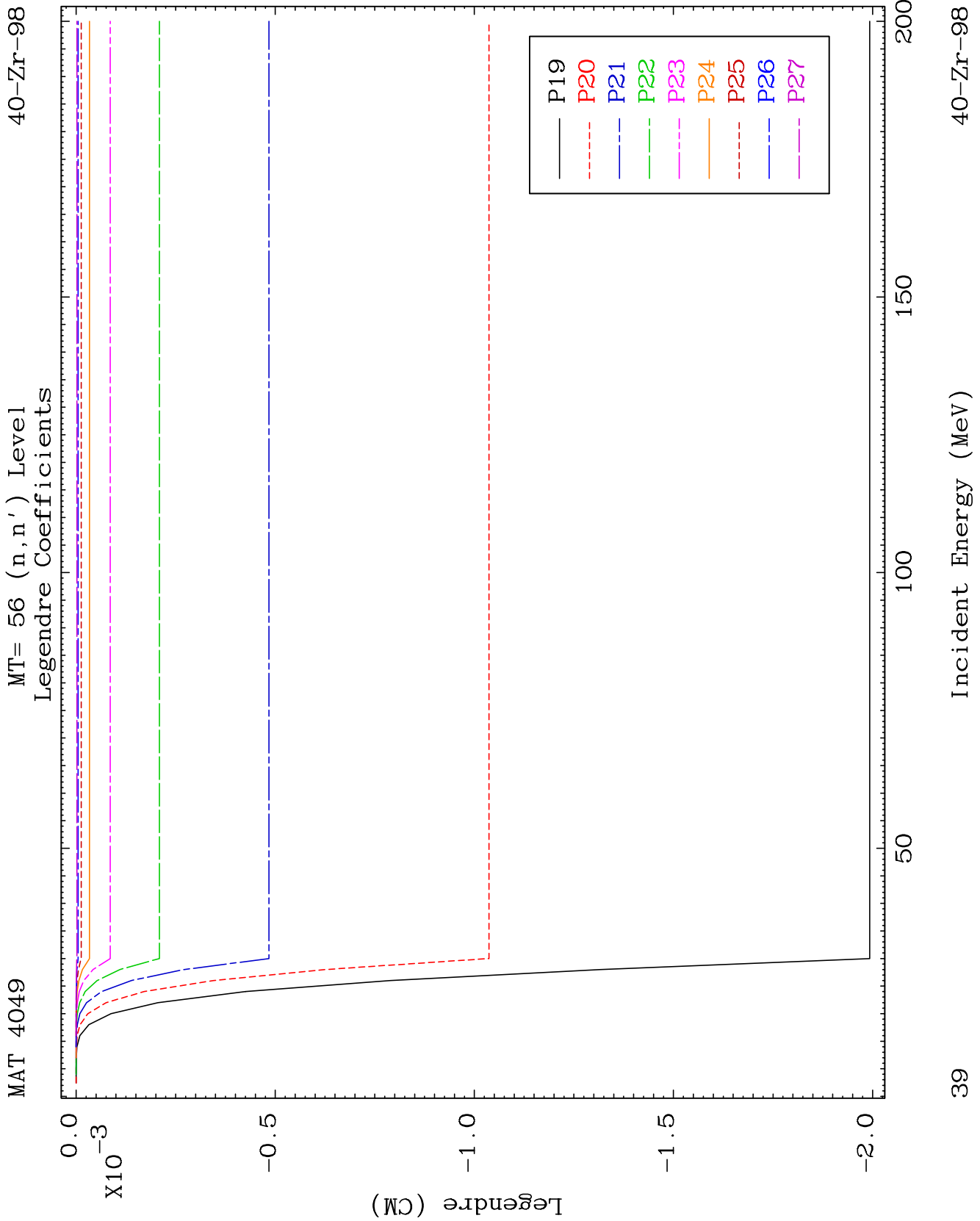
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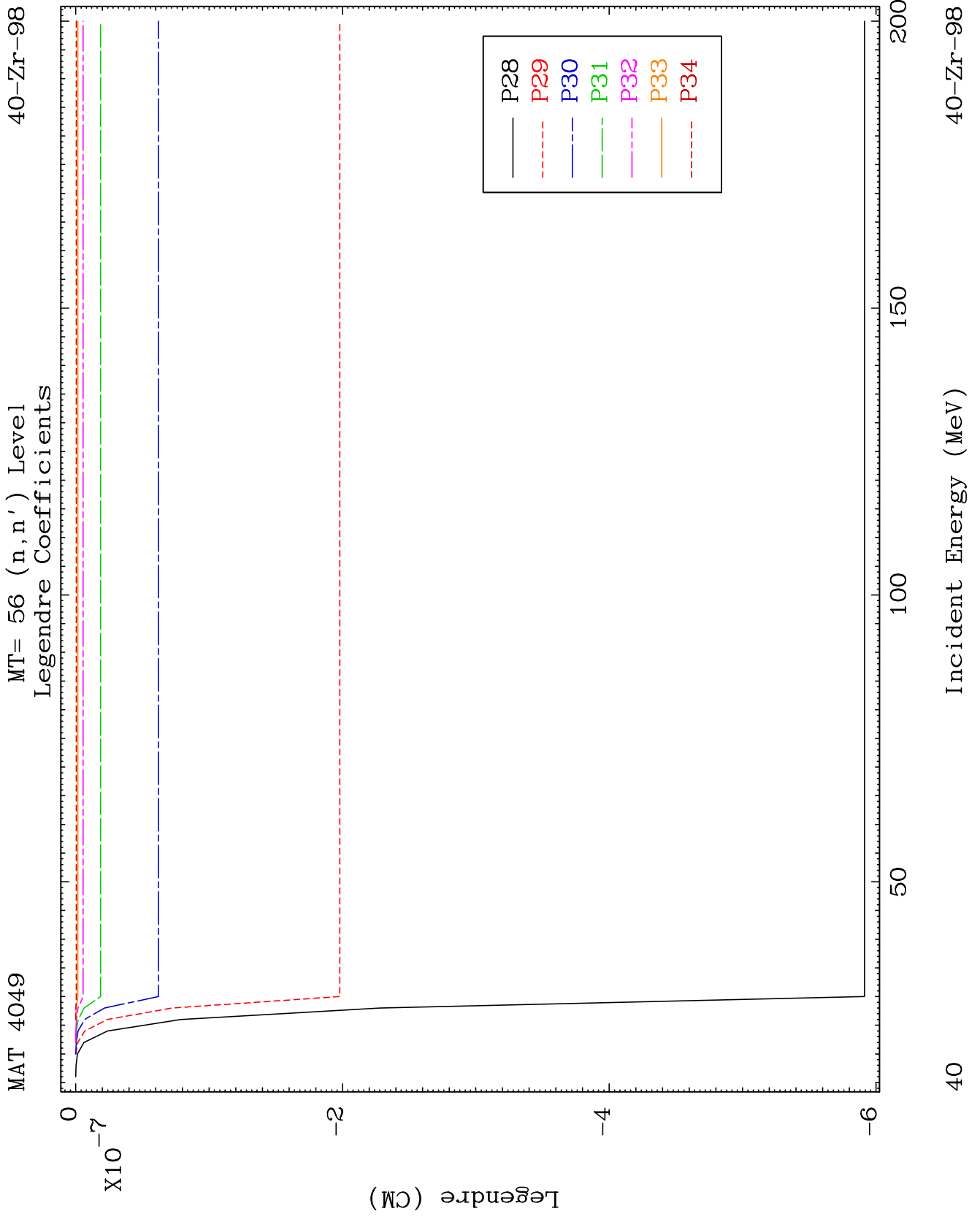


36

Incident Energy (MeV)

40-Zr-98

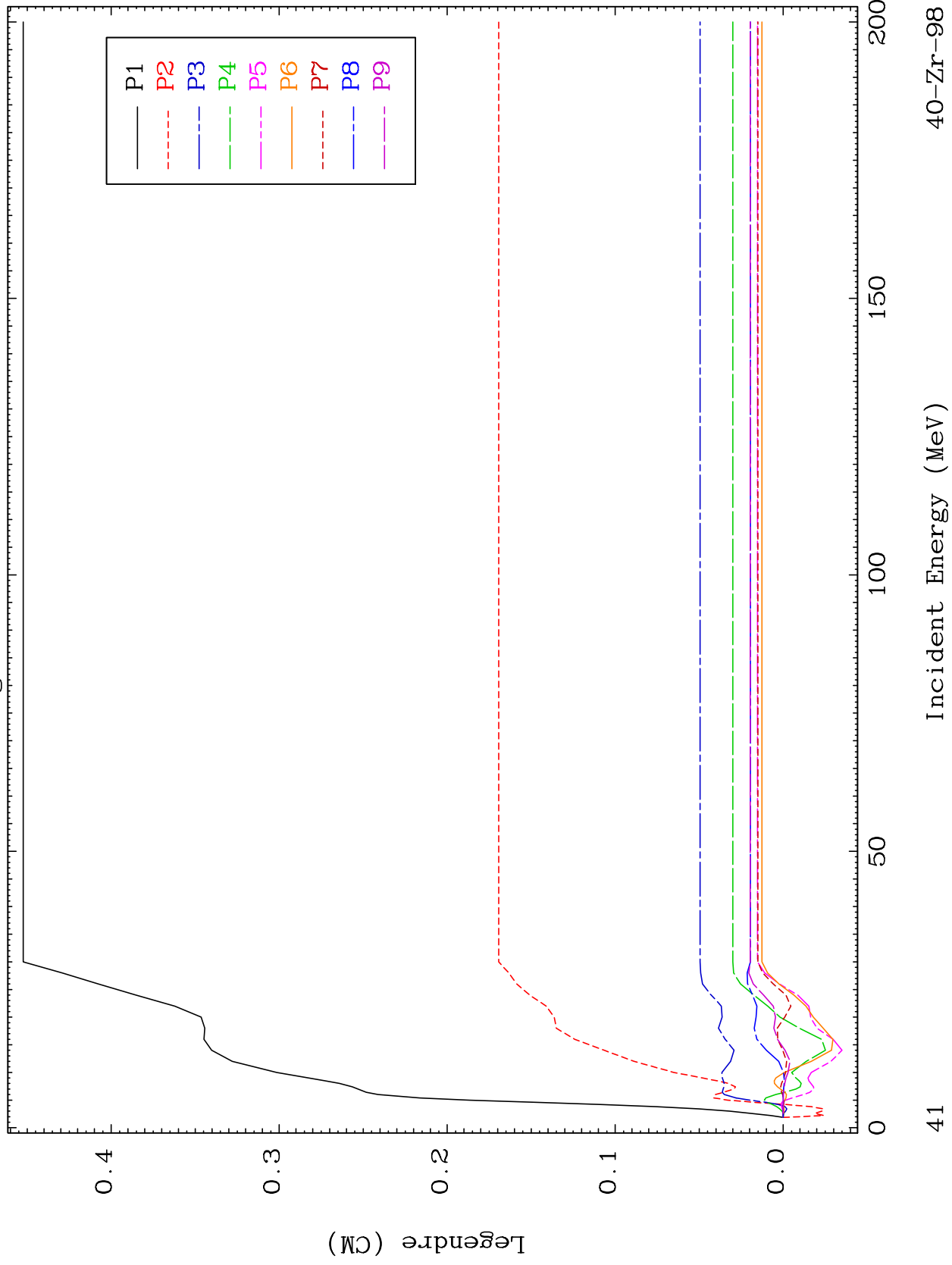




MAT 4049

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

40-Zr-98



41

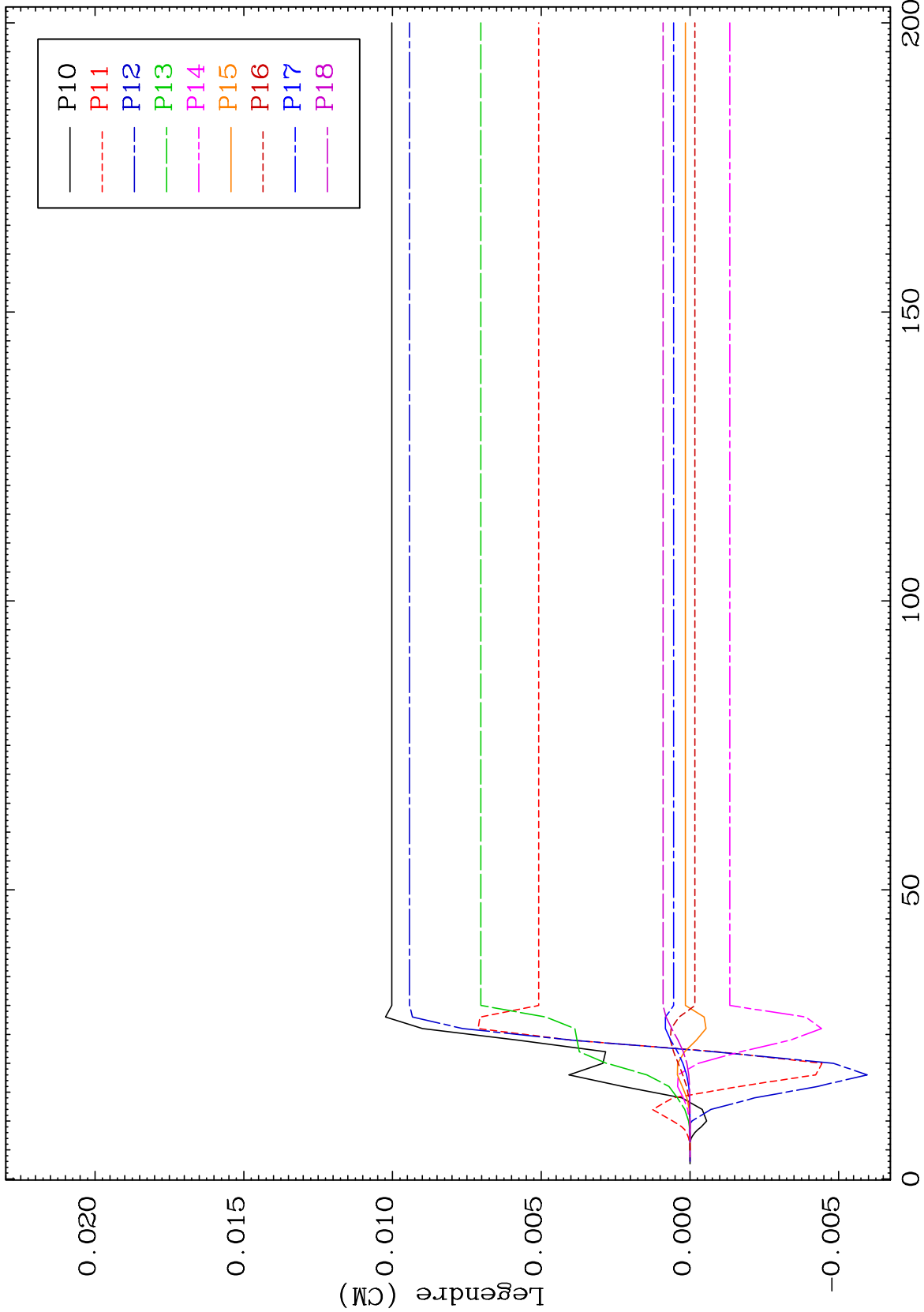
Incident Energy (MeV)

40-Zr-98

MAT 4049

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

40-Zr-98



42

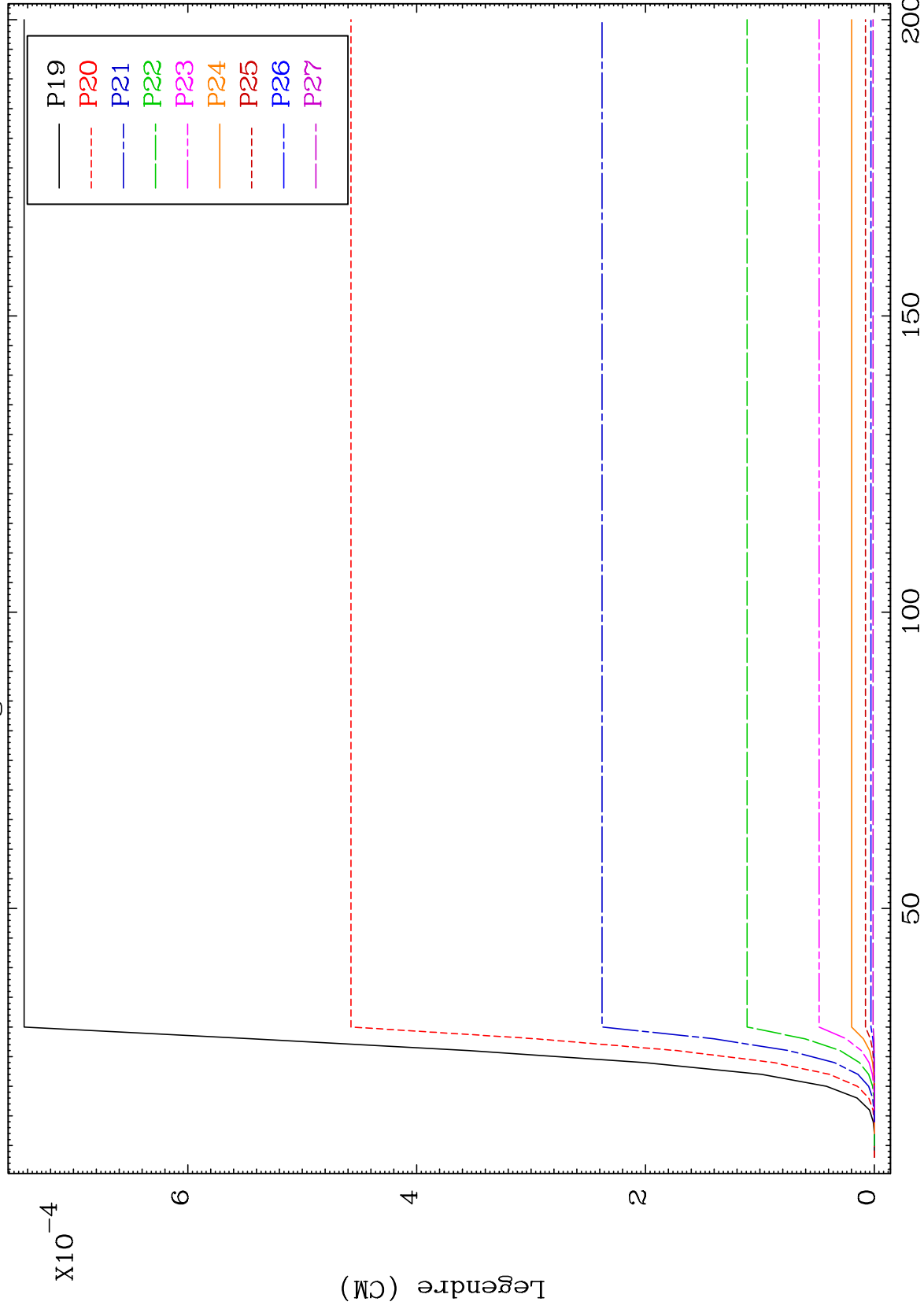
Incident Energy (MeV)

40-Zr-98

MAT 4049

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

40-Zr-98



43

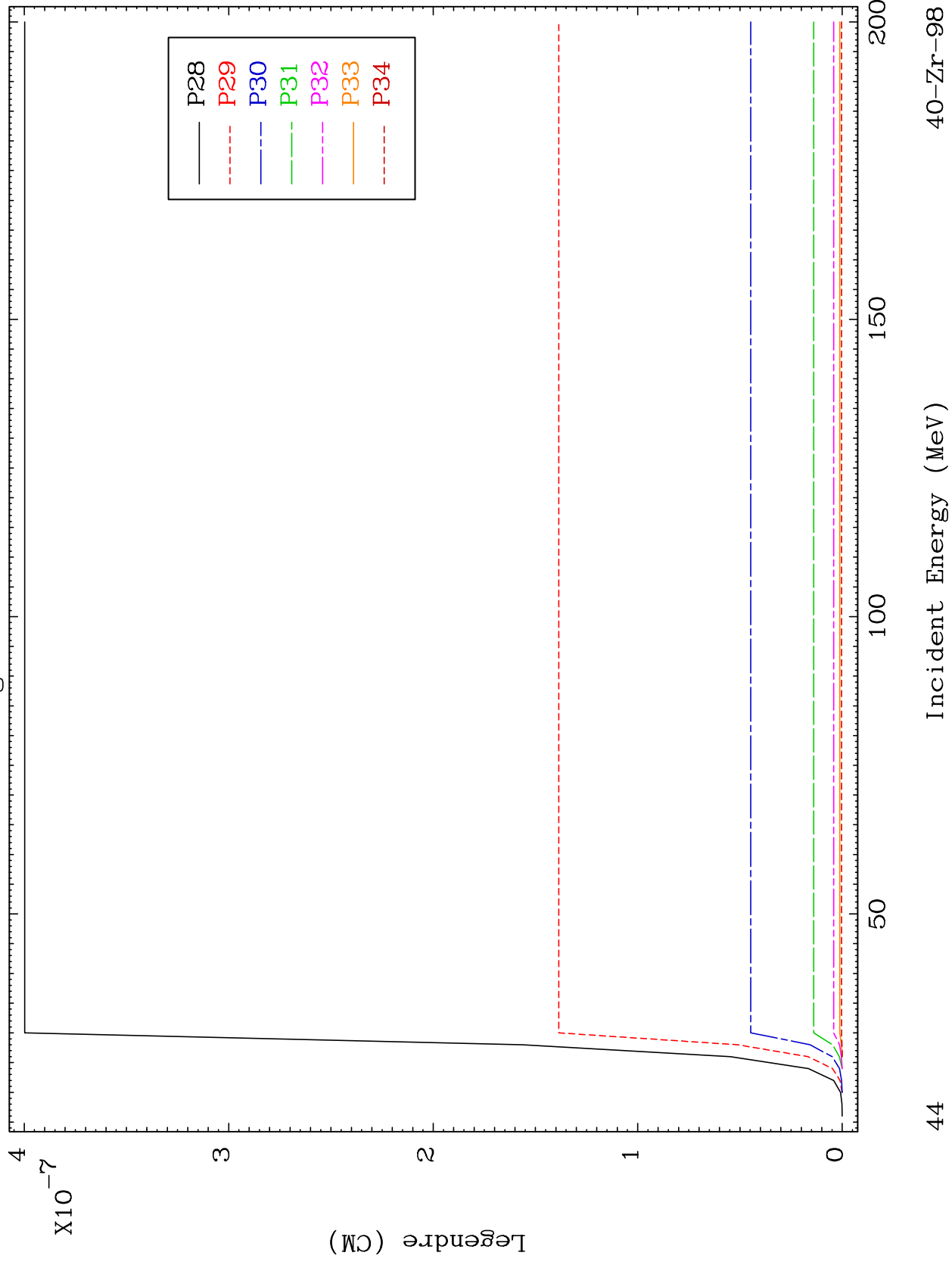
Incident Energy (MeV)

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MAT 4049

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

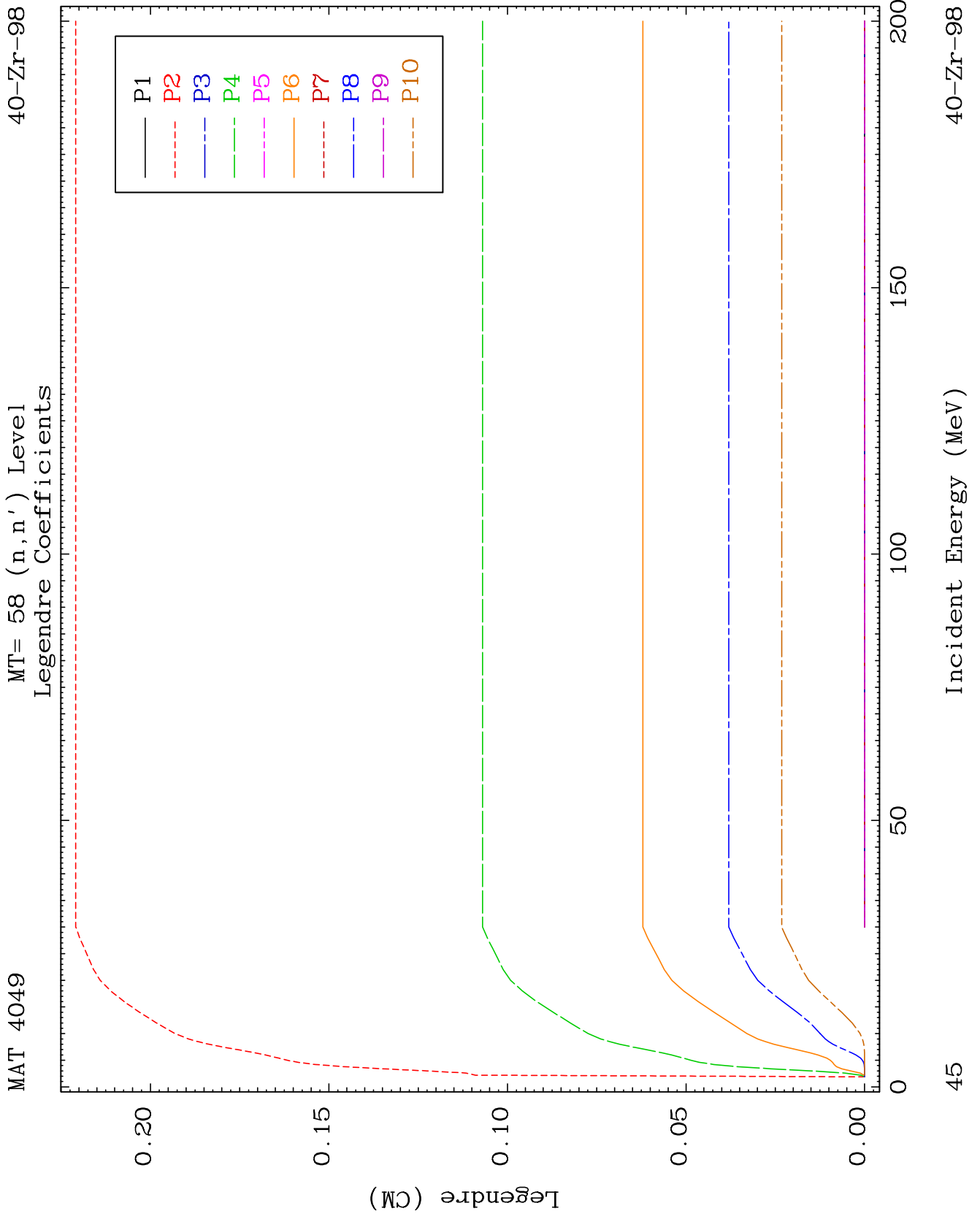
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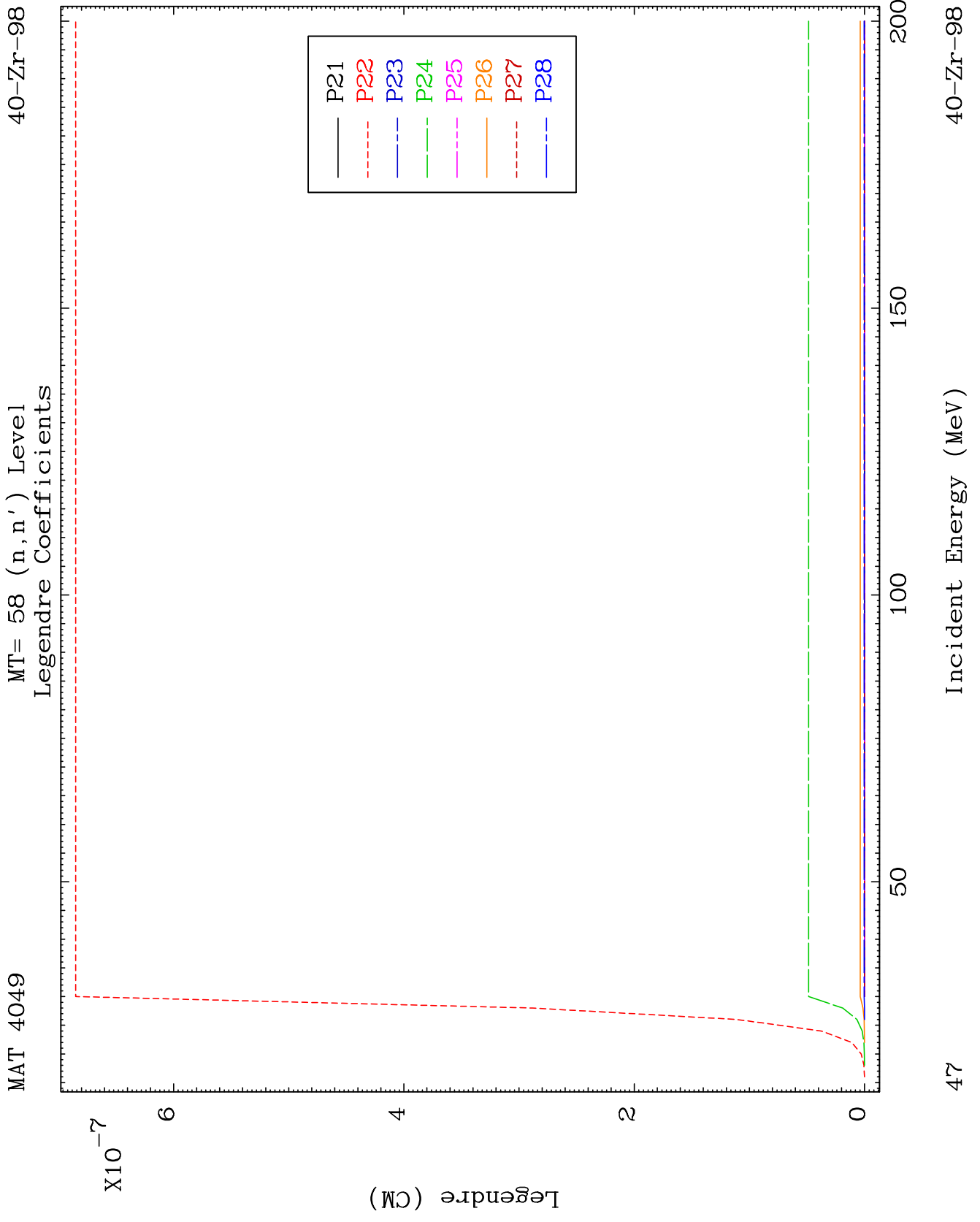


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Incident Energy (MeV)

40-Zr-98

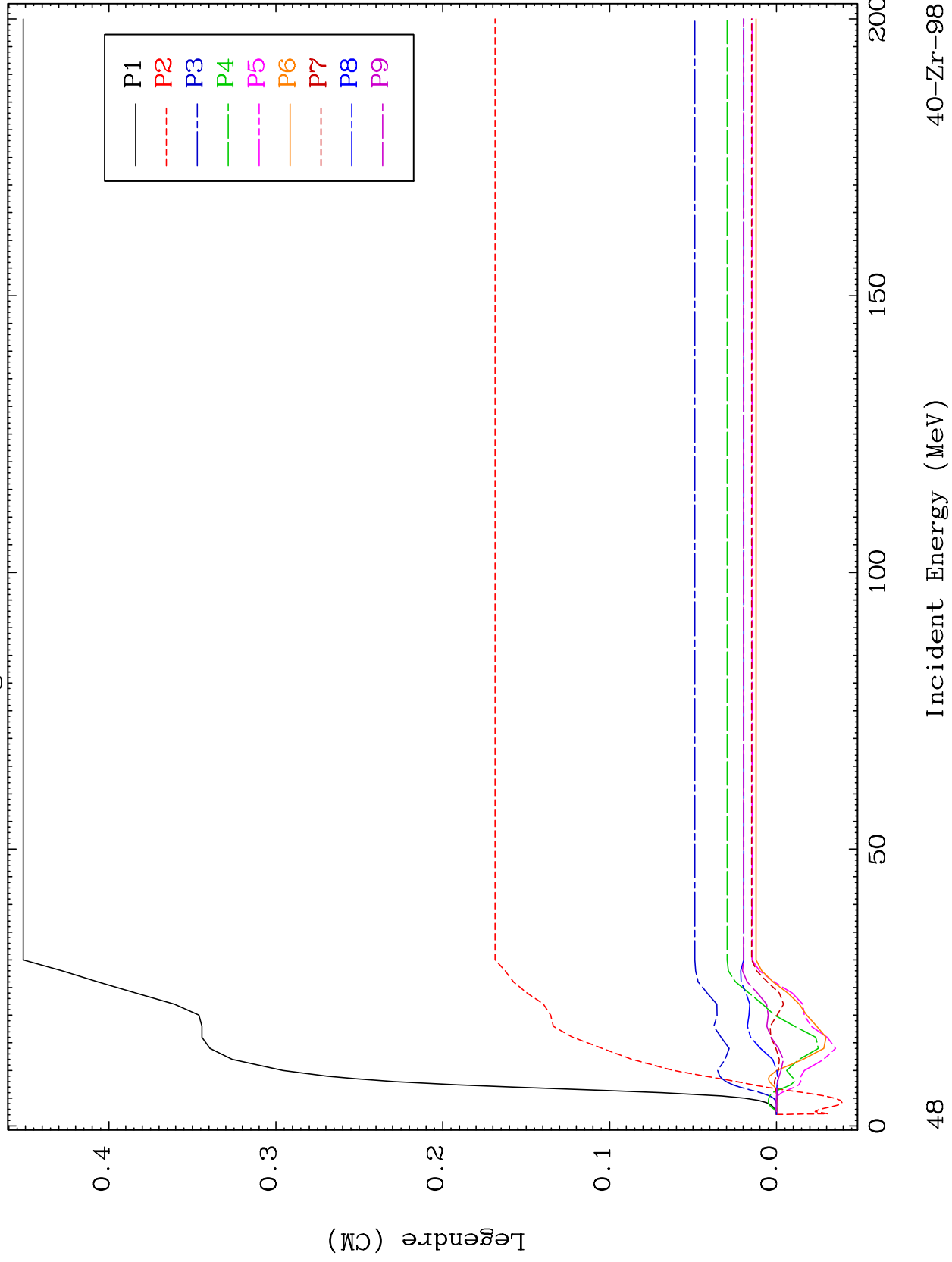




MAT 4049

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

40-Zr-98



40-Zr-98

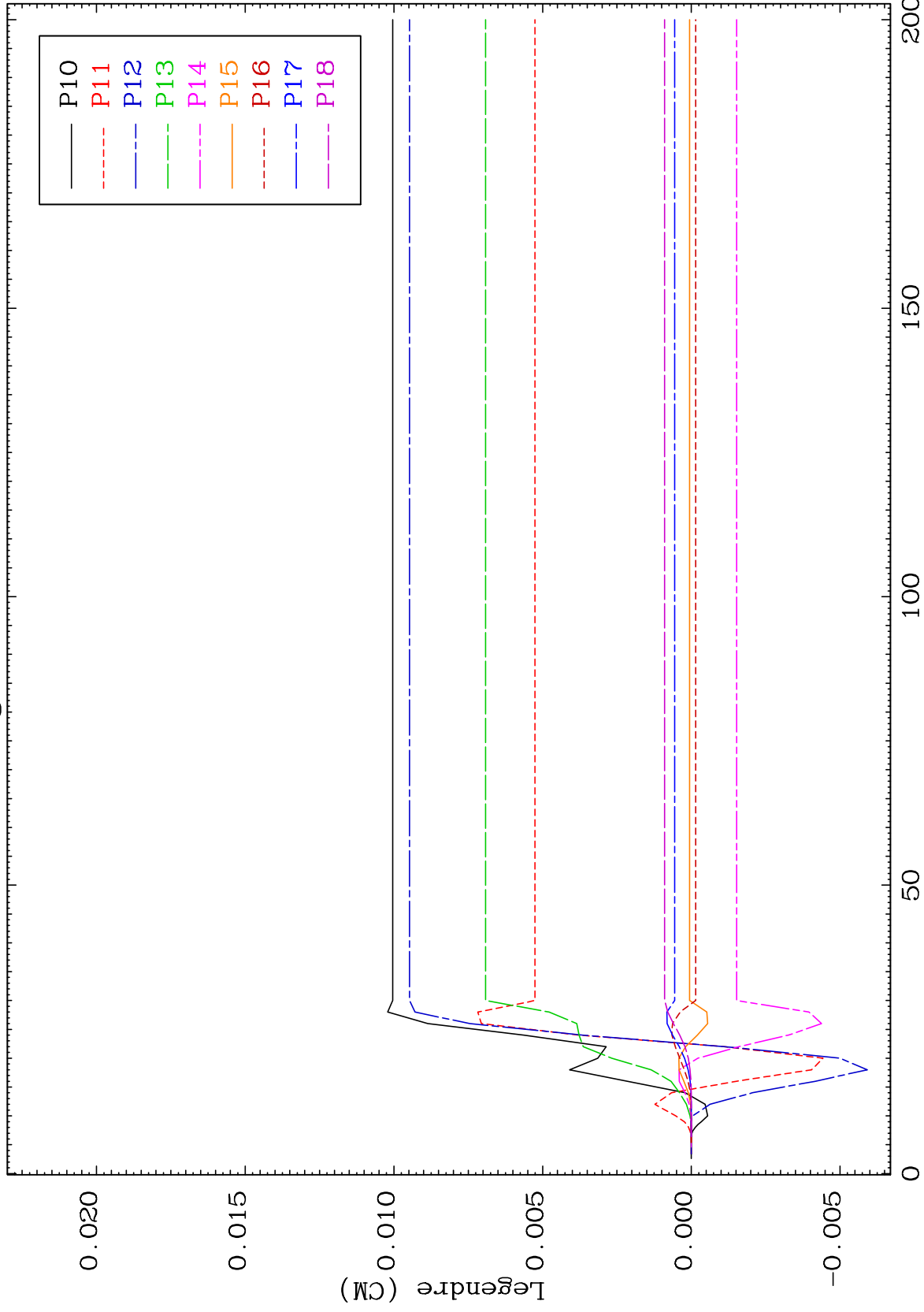
Incident Energy (MeV)

48

MAT 4049

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

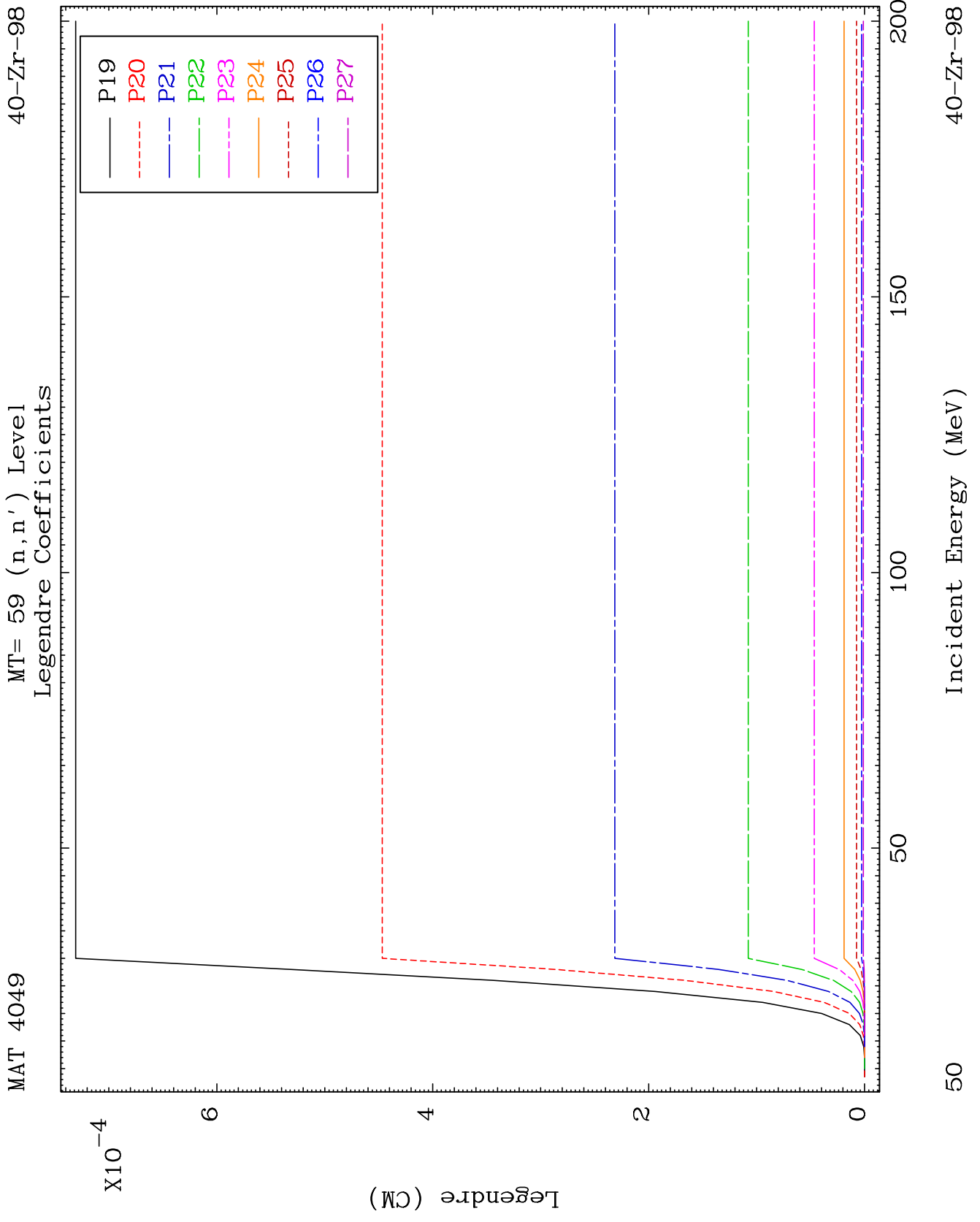
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49

Incident Energy (MeV)

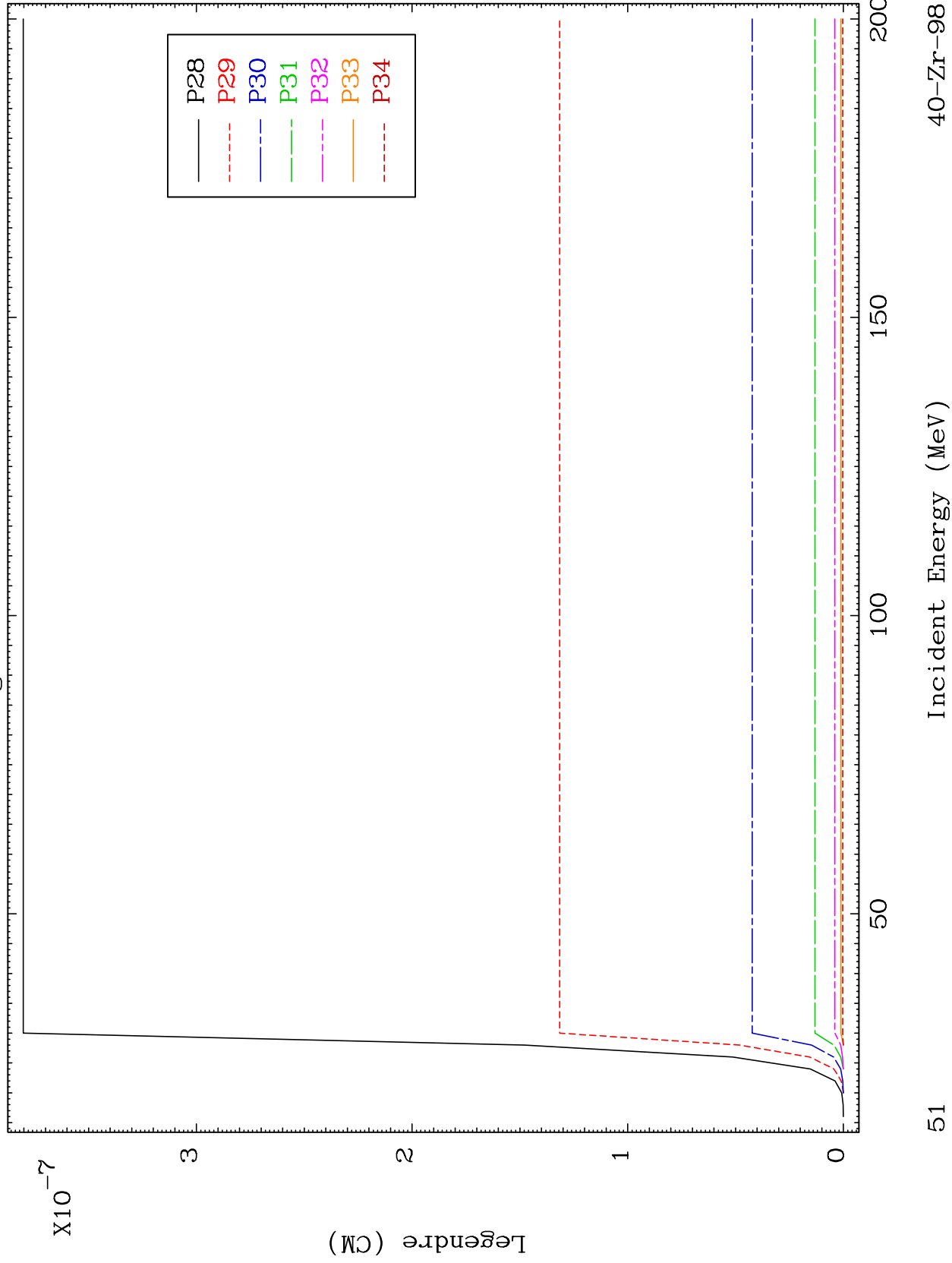
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MAT 4049

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

40-Zr-98



51

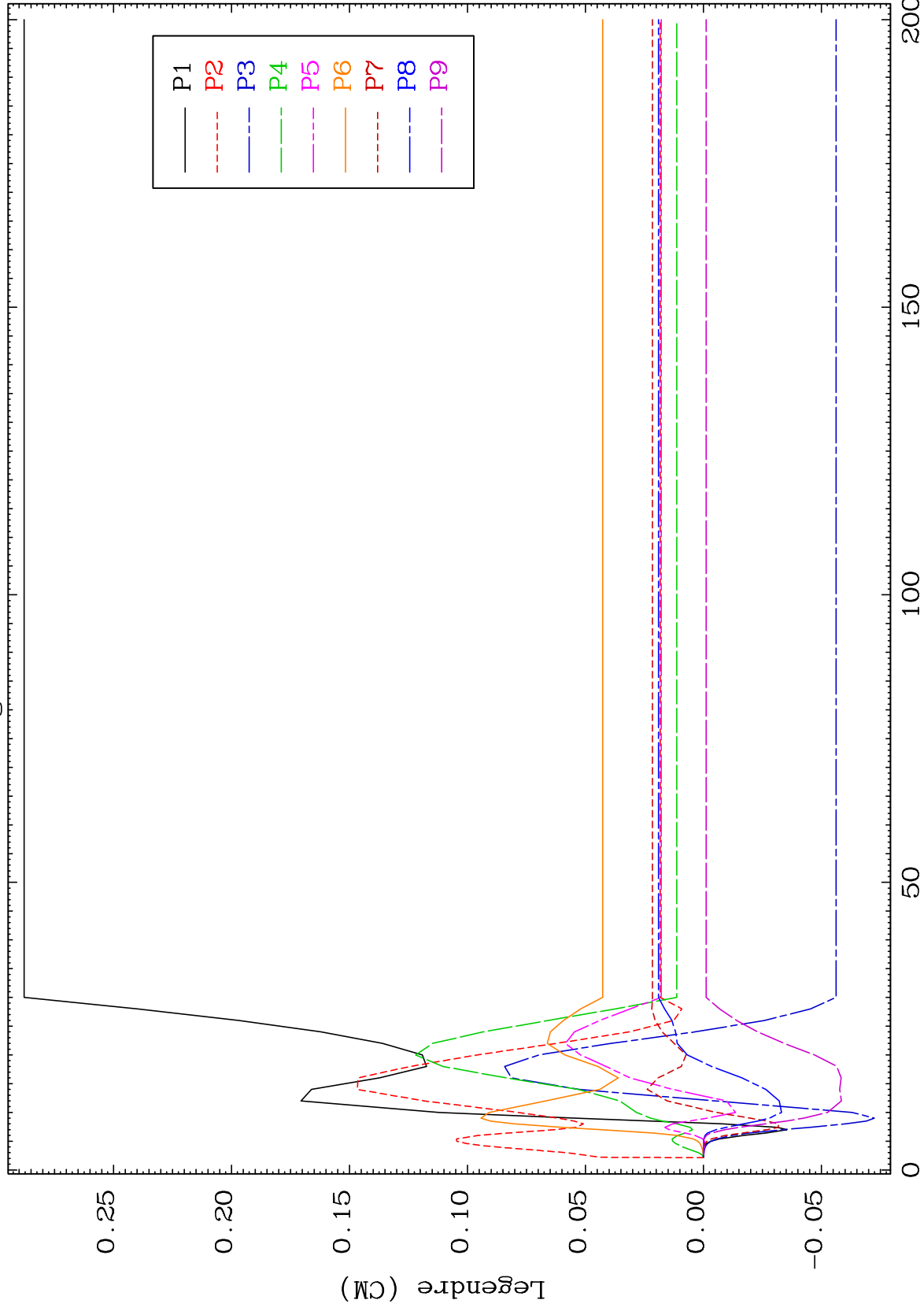
Incident Energy (MeV)

40-Zr-98

MAT 4049

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

40-Zr-98



52

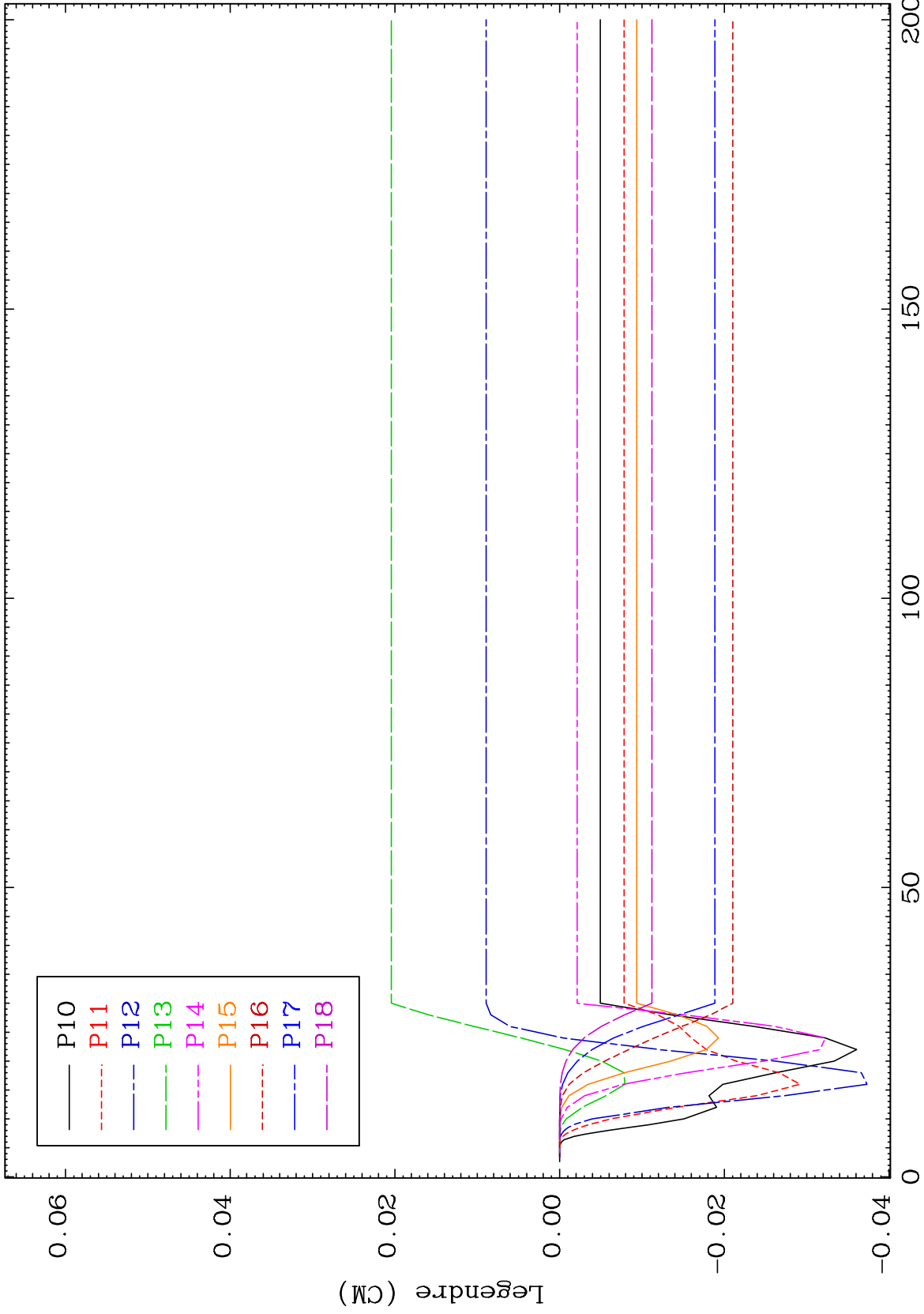
Incident Energy (MeV)

40-Zr-98

MAT 4049

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

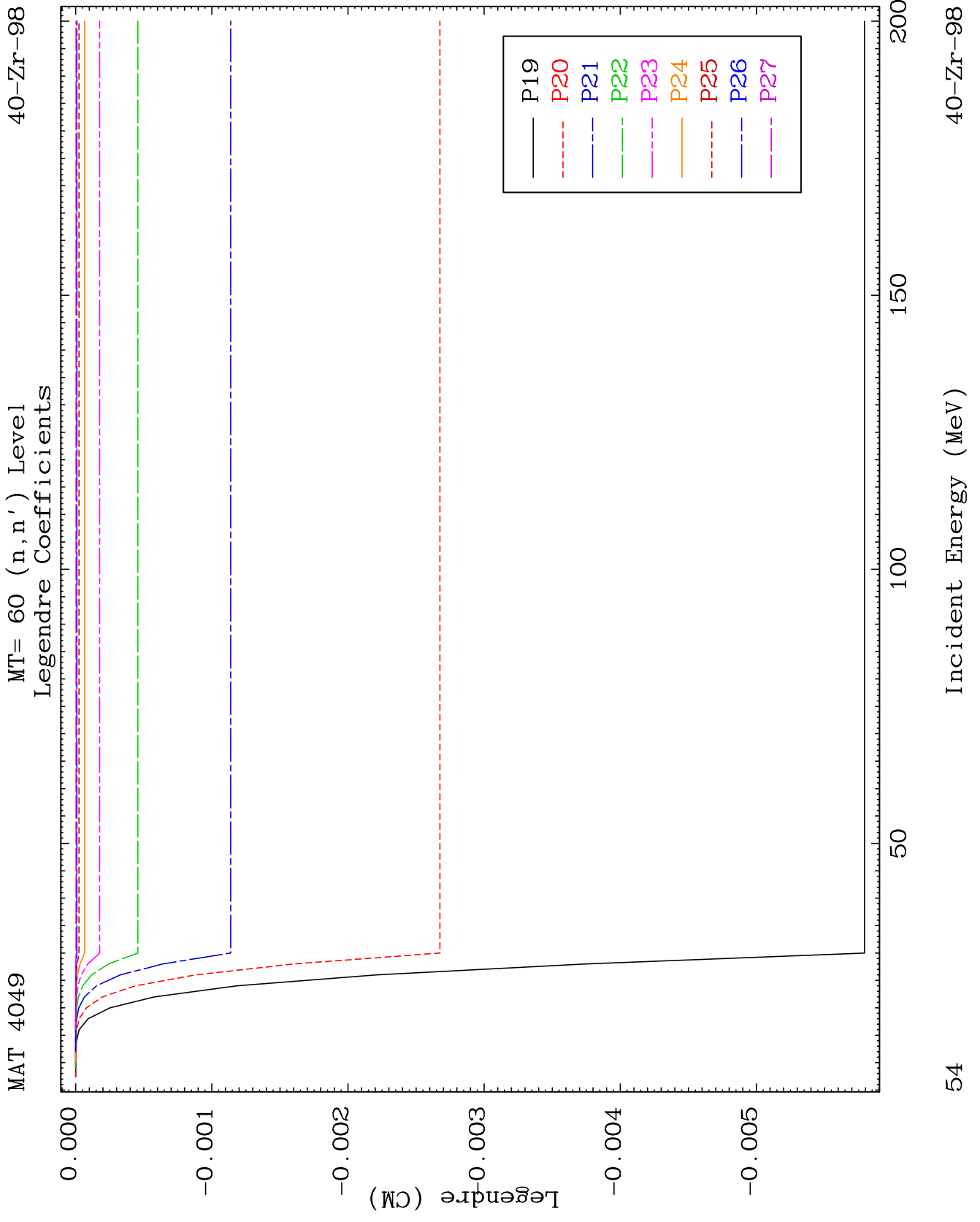
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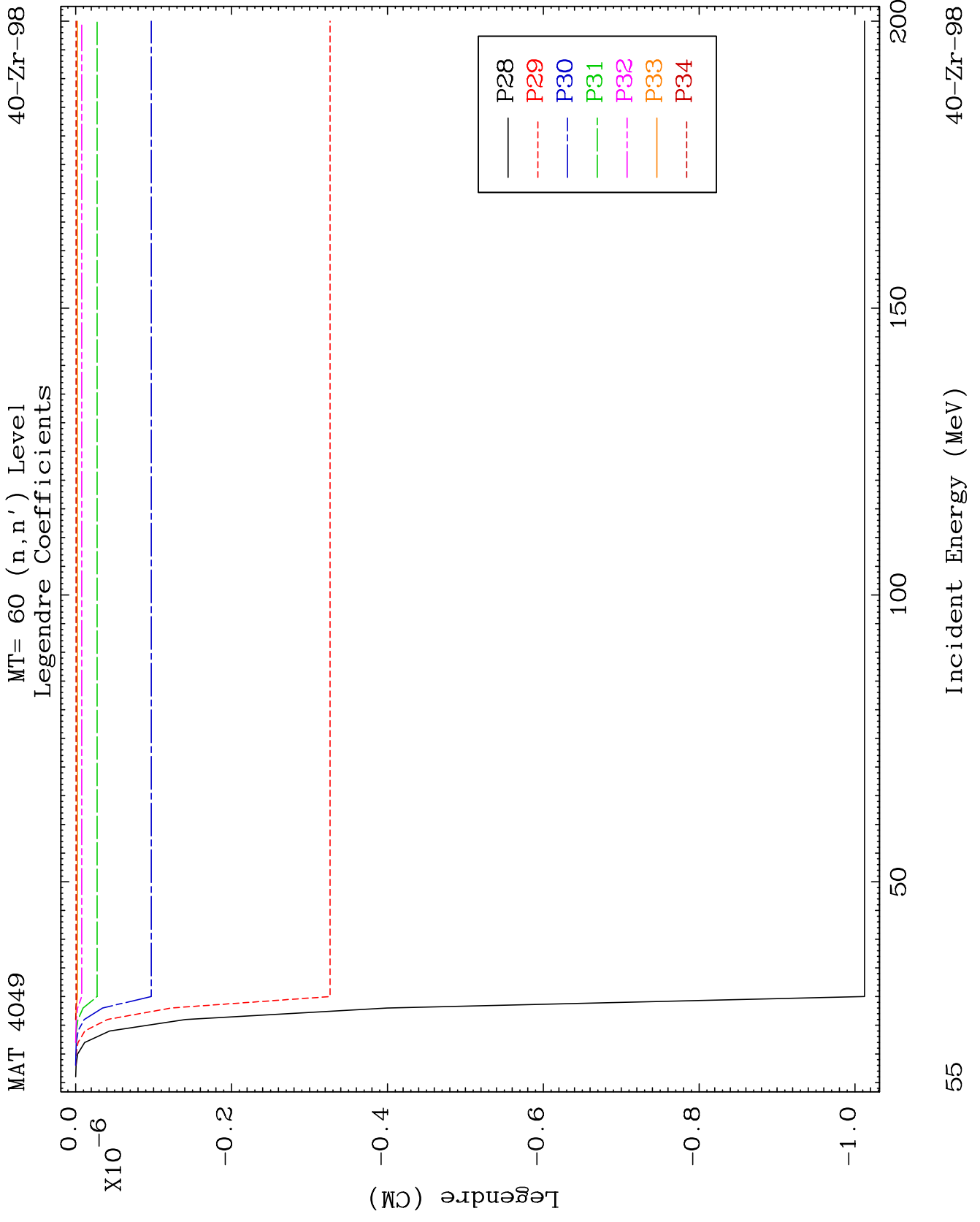


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Incident Energy (MeV)

40-Zr-98

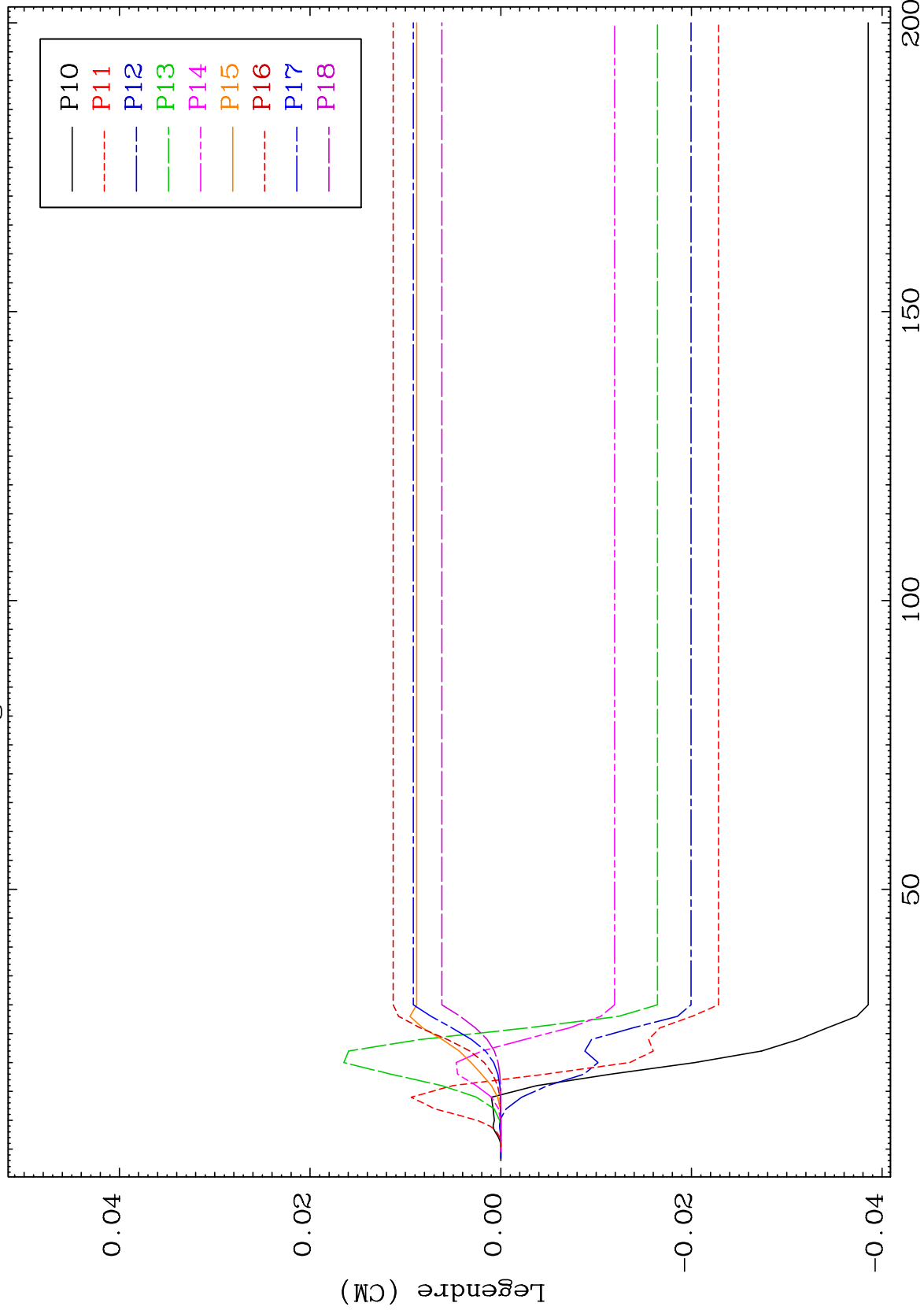




MAT 4049

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

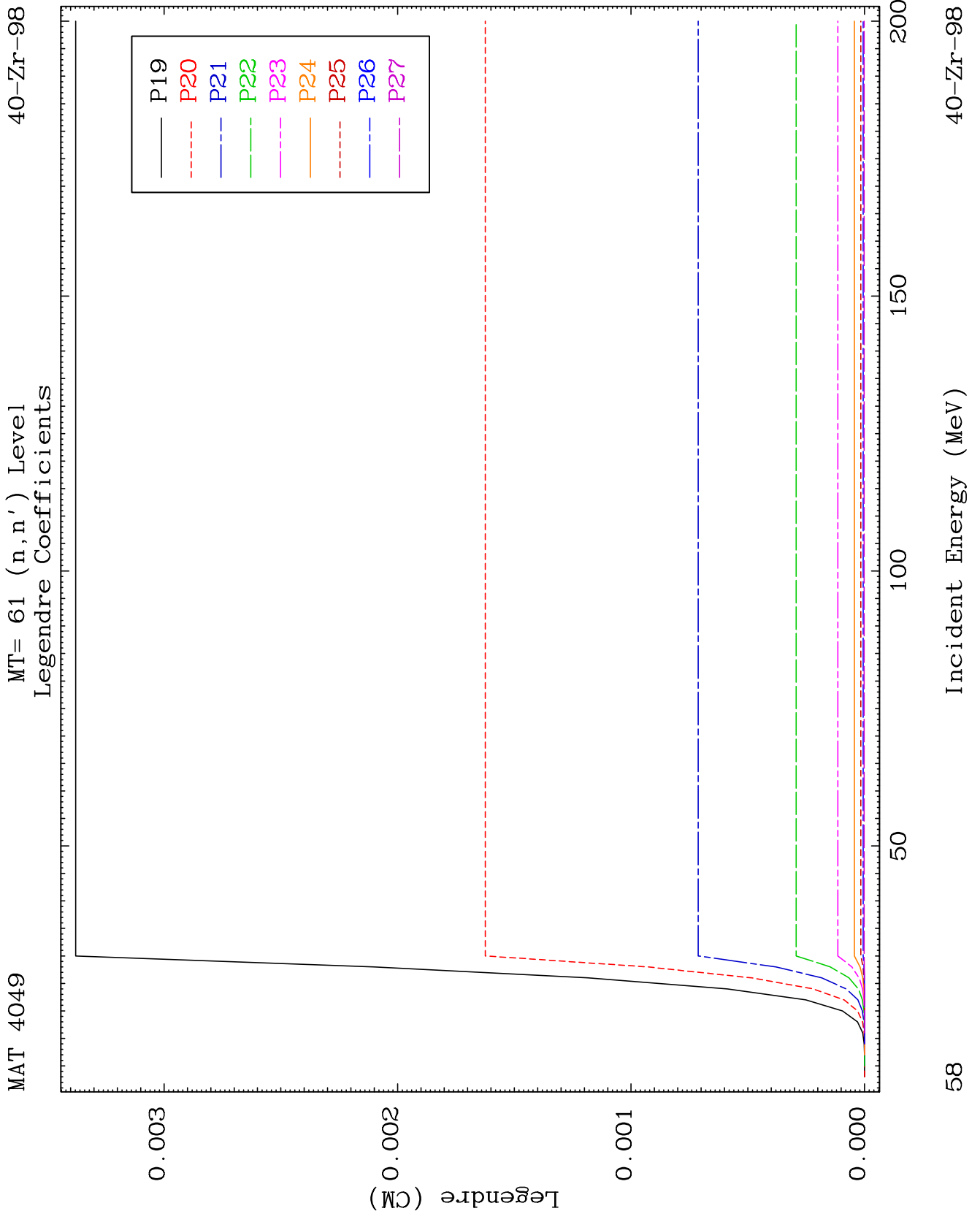
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57

Incident Energy (MeV)

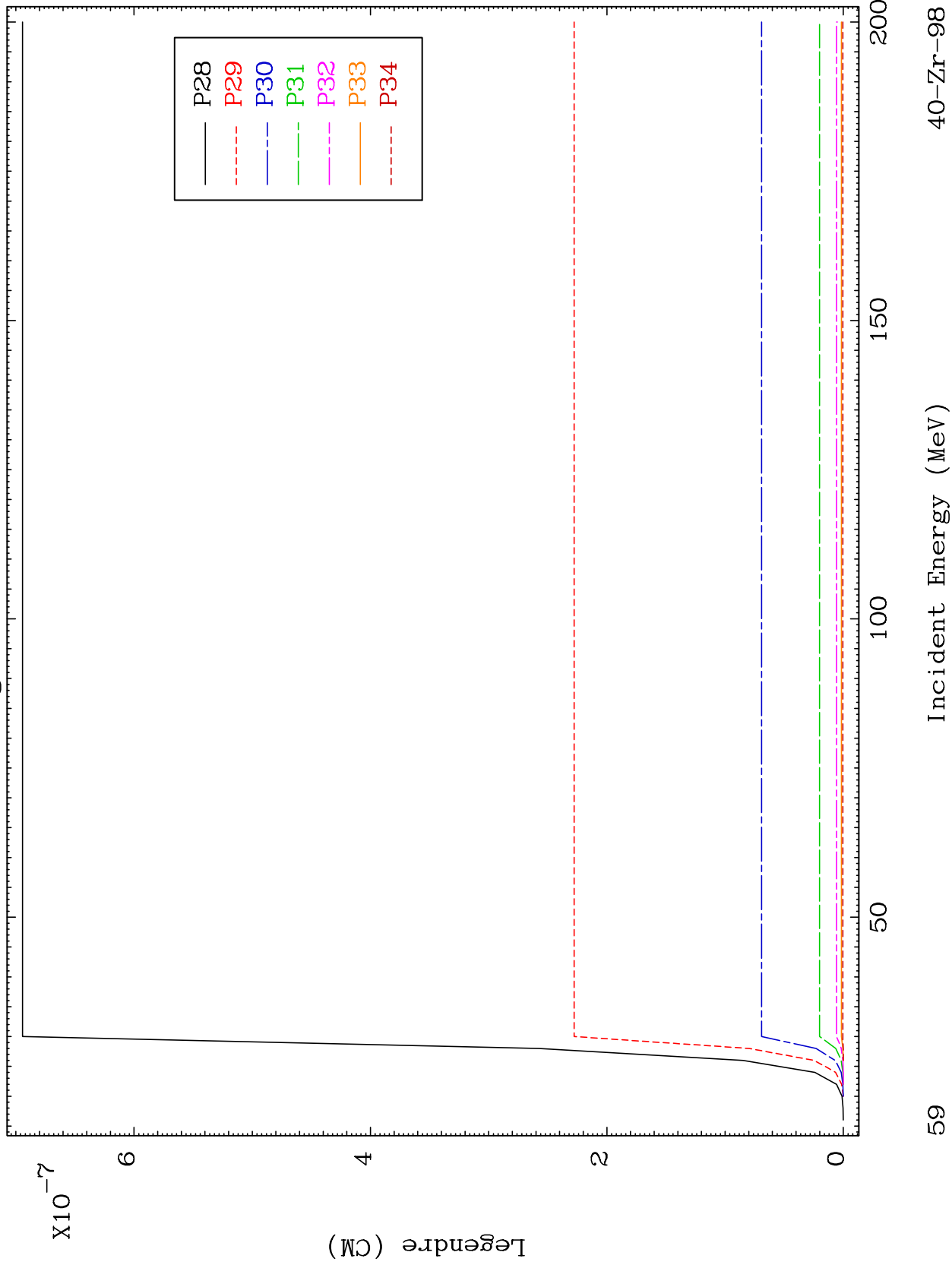
40-Zr-98



MAT 4049

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

40-Zr-98



59

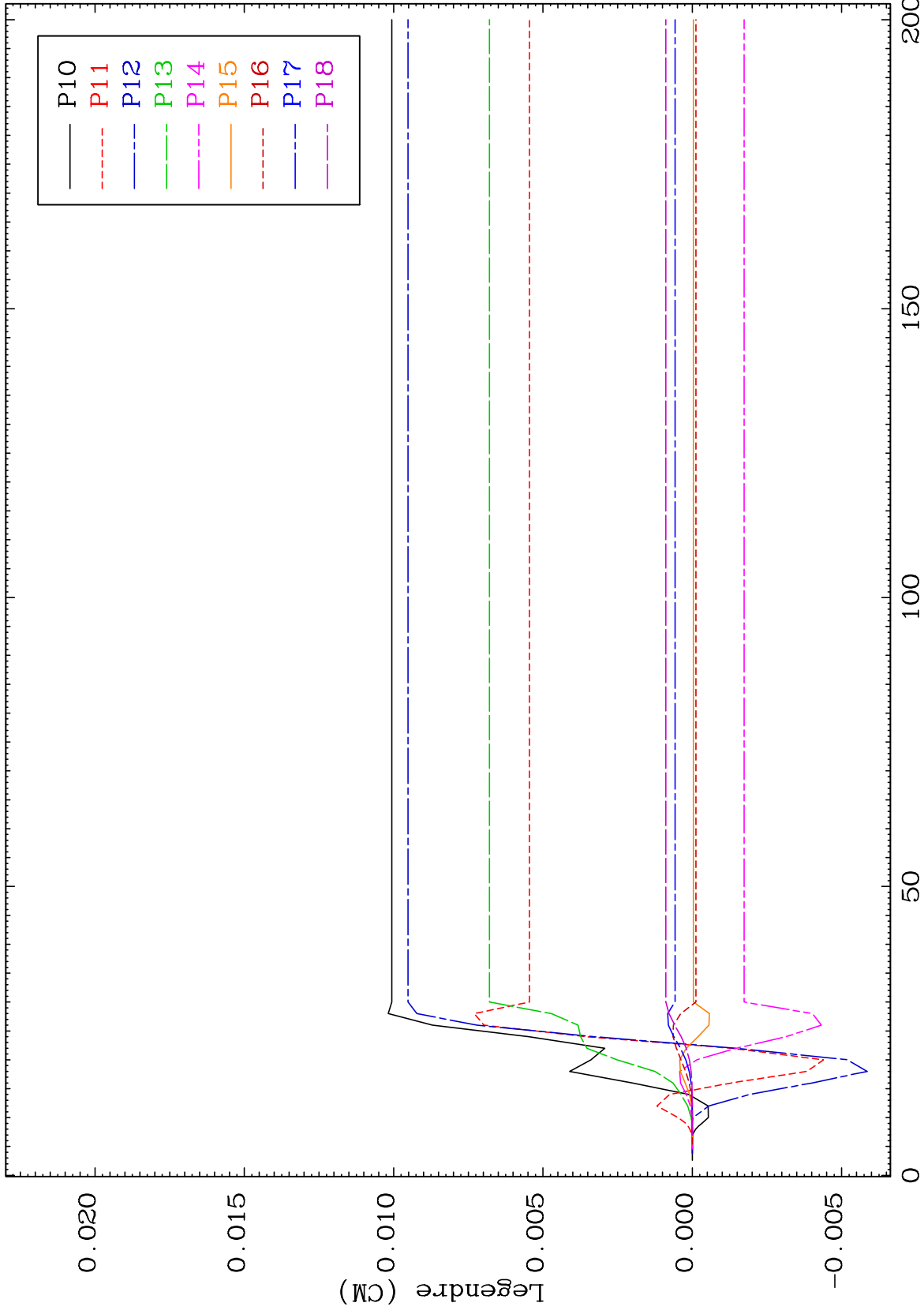
Incident Energy (MeV)

40-Zr-98

MAT 4049

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

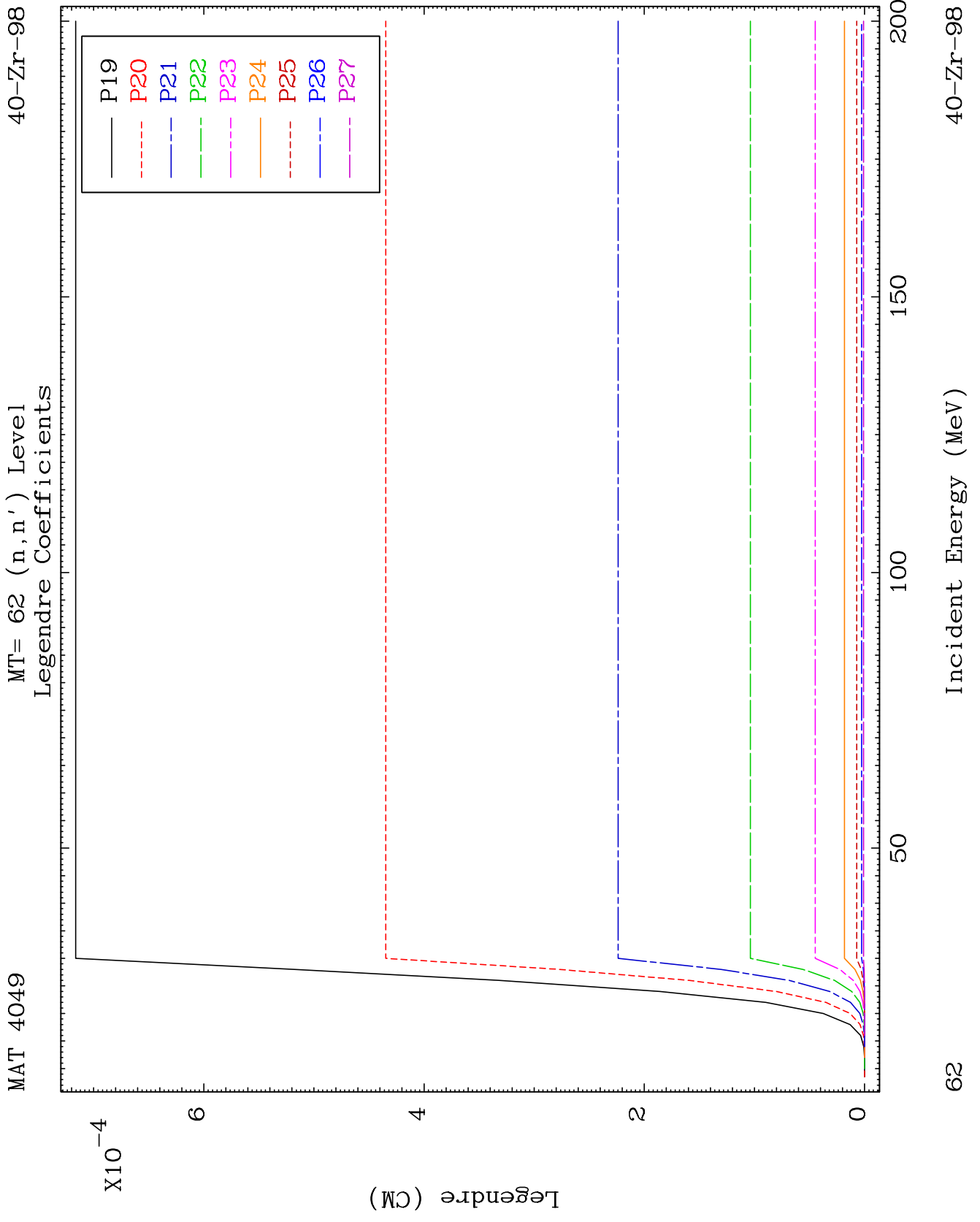
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61

Incident Energy (MeV)

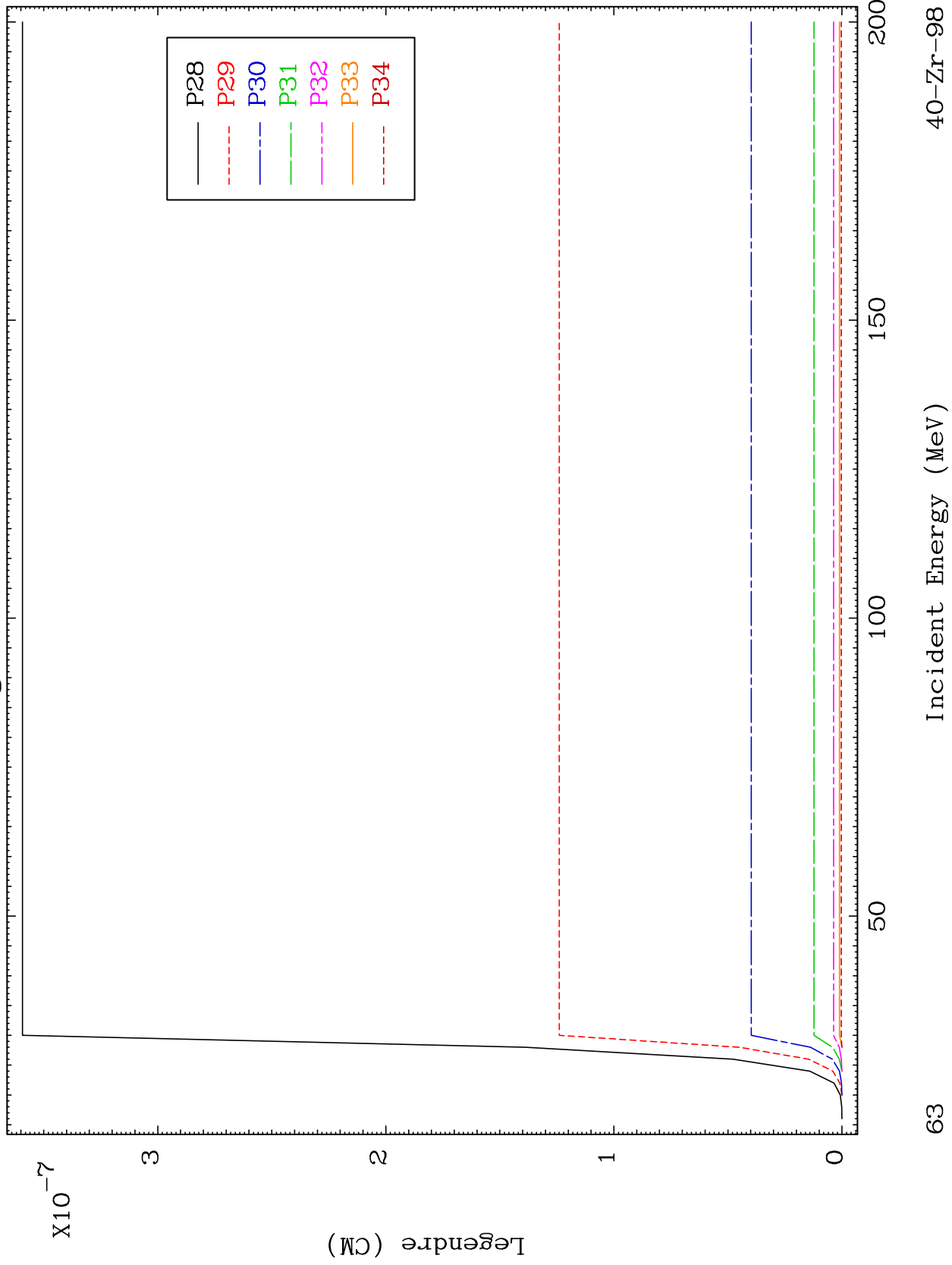
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MAT 4049

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

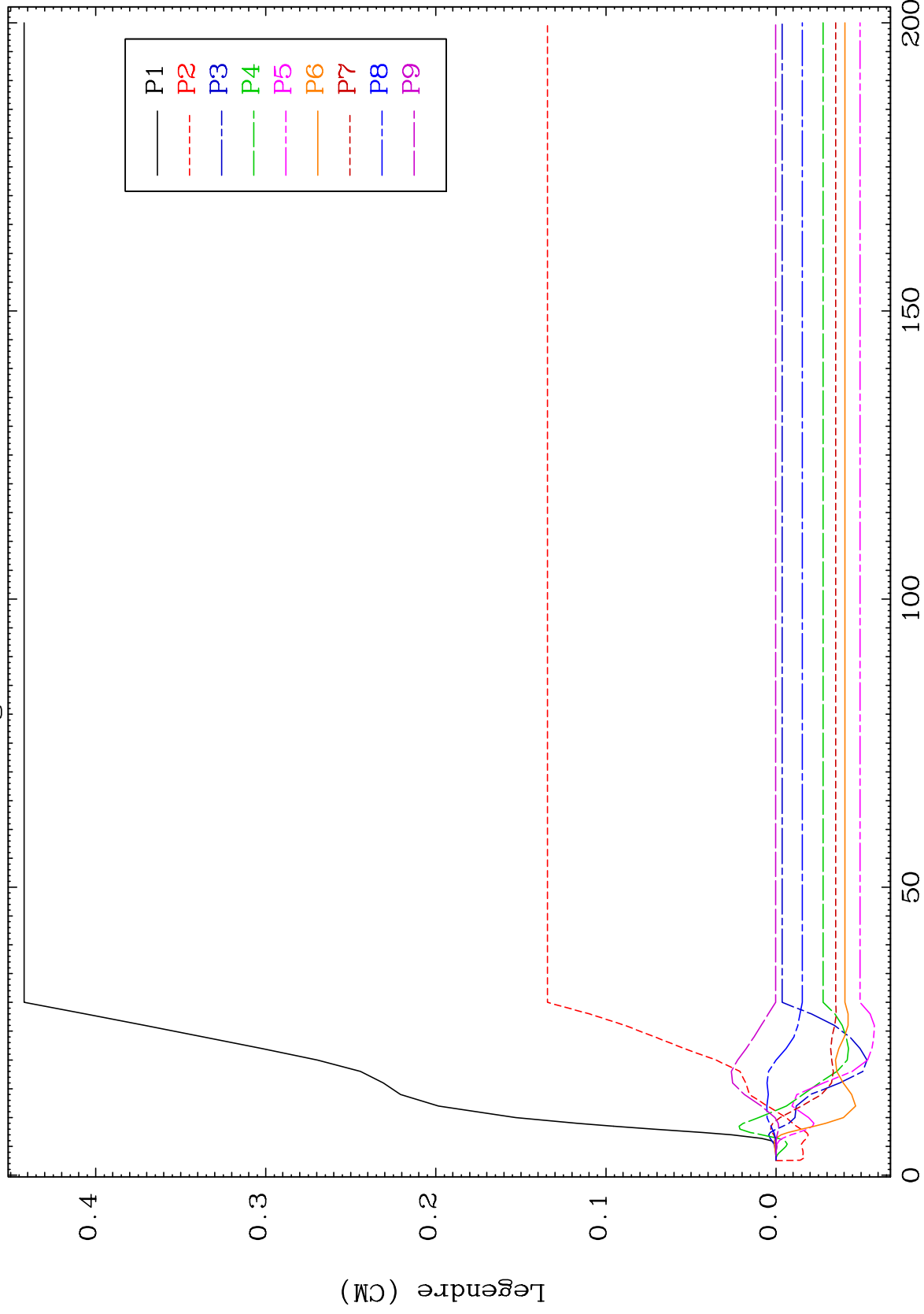
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MAT 4049

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

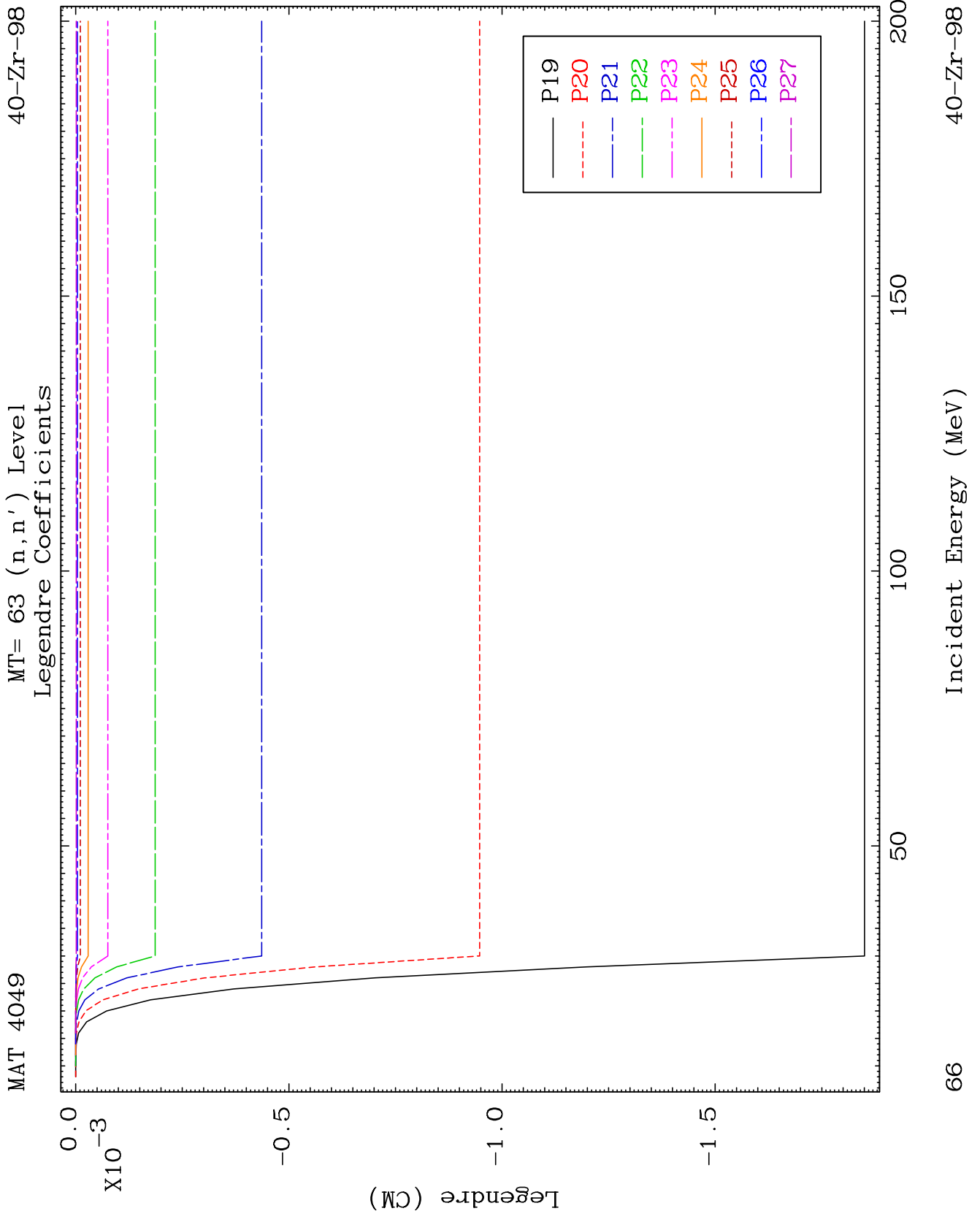
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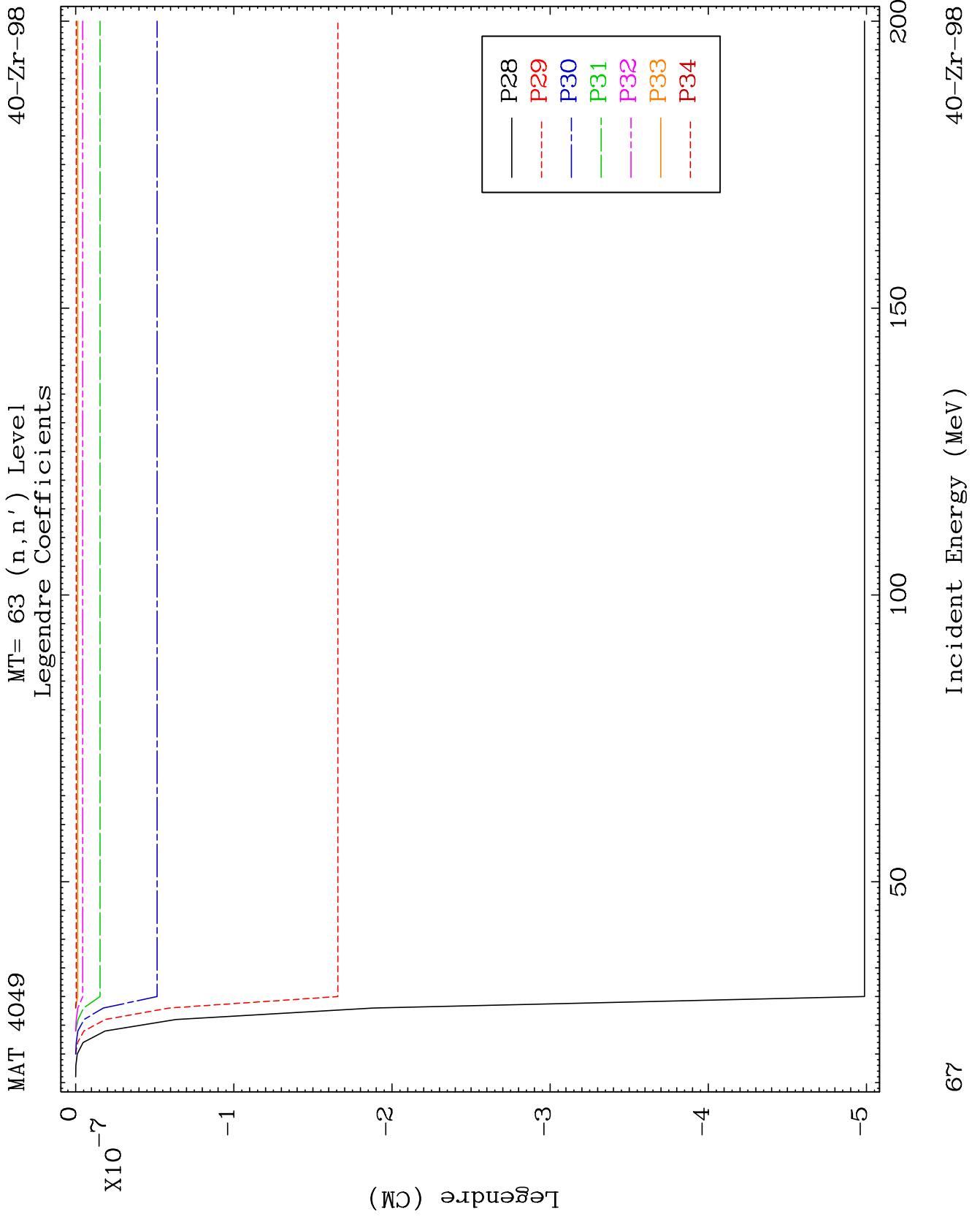


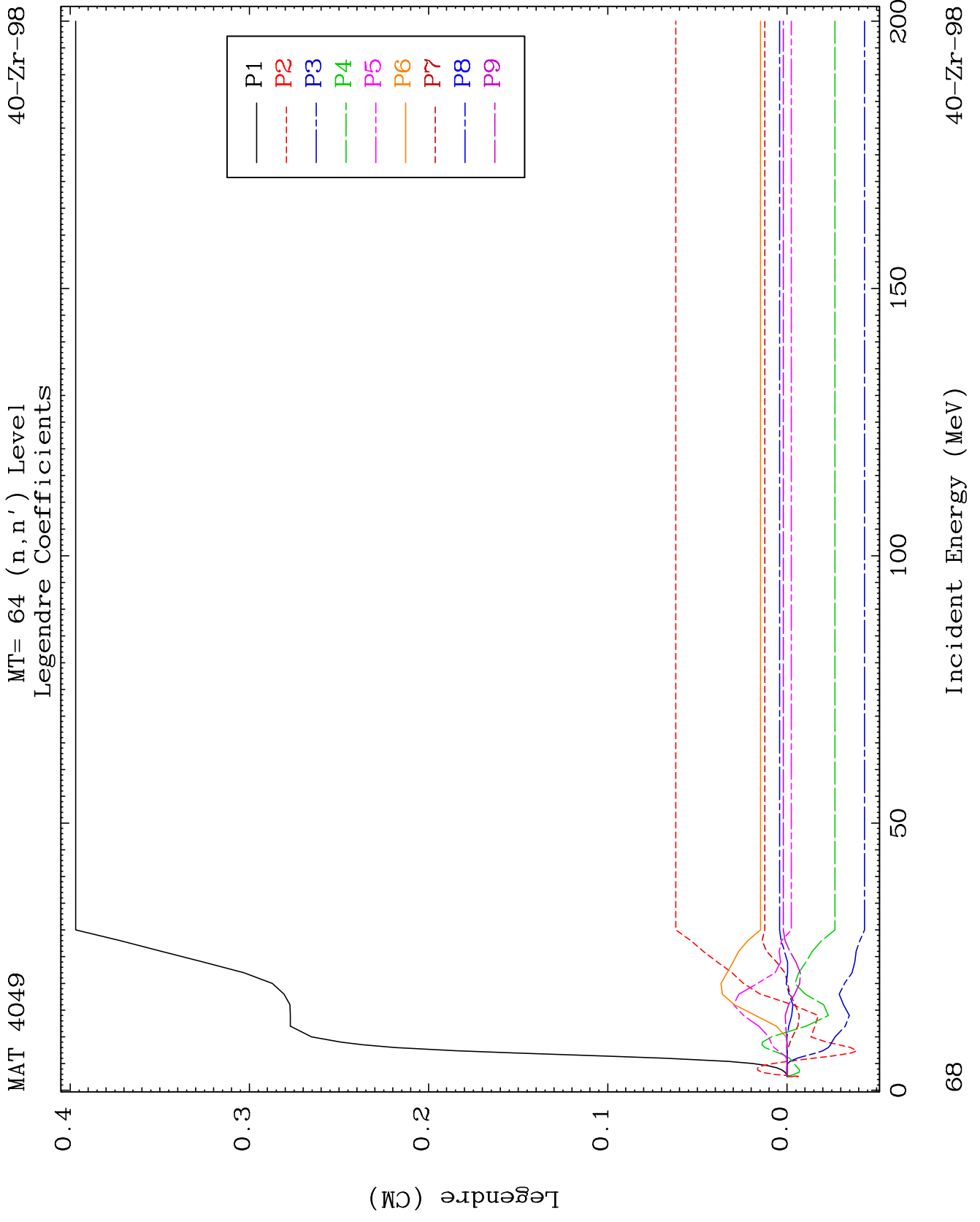
64

Incident Energy (MeV)

40-Zr-98



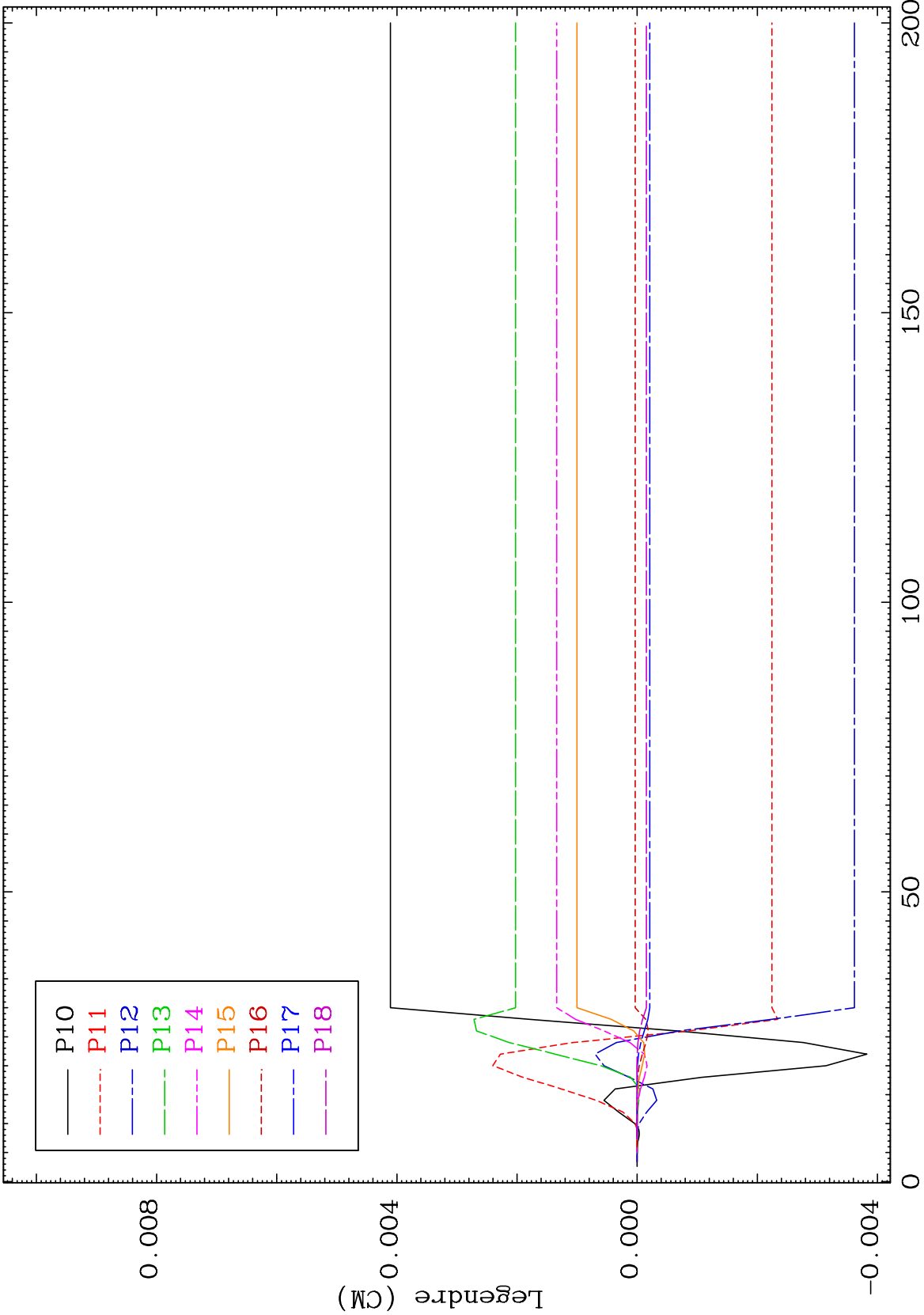




MAT 4049

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

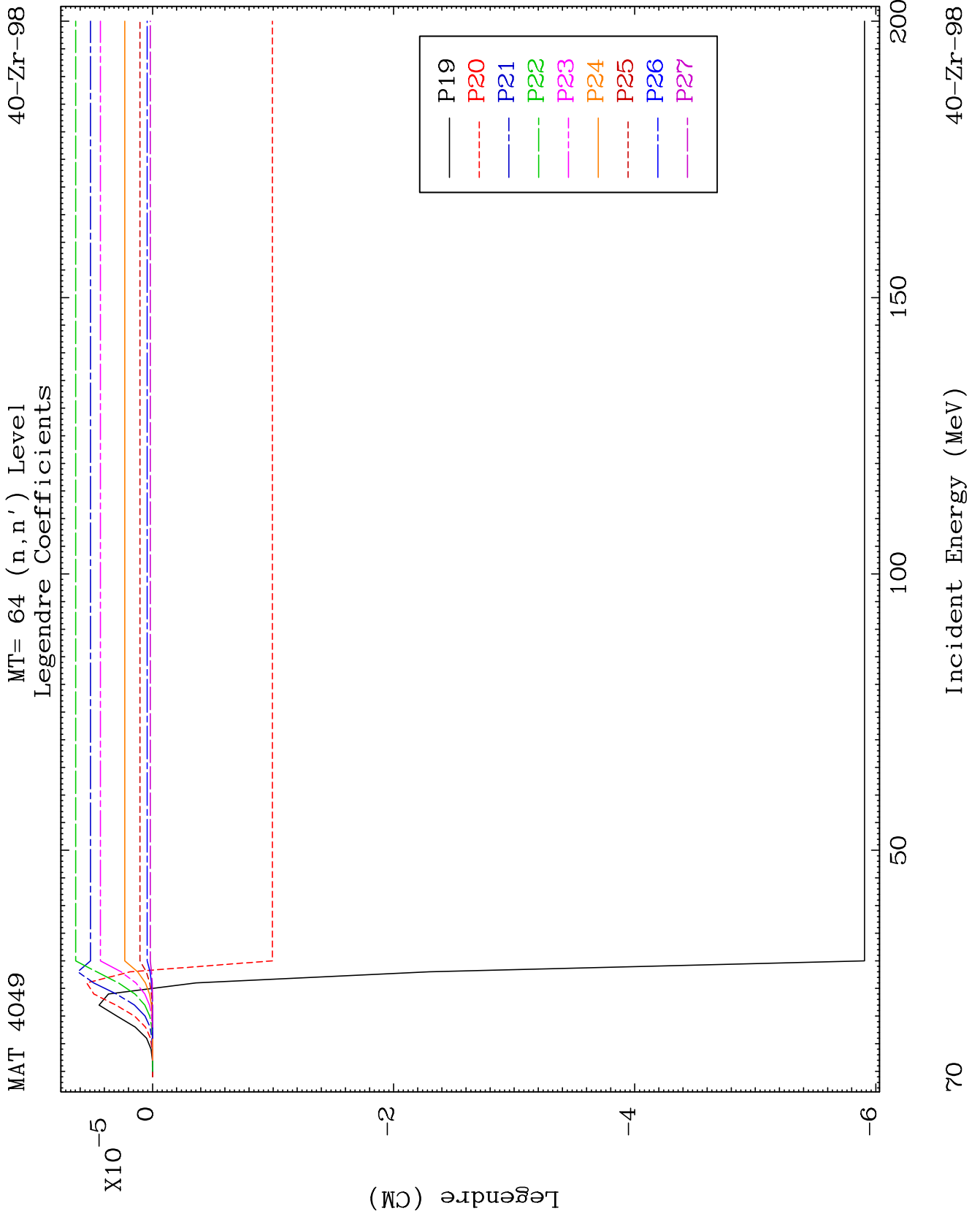
40-Zr-98



69

Incident Energy (MeV)

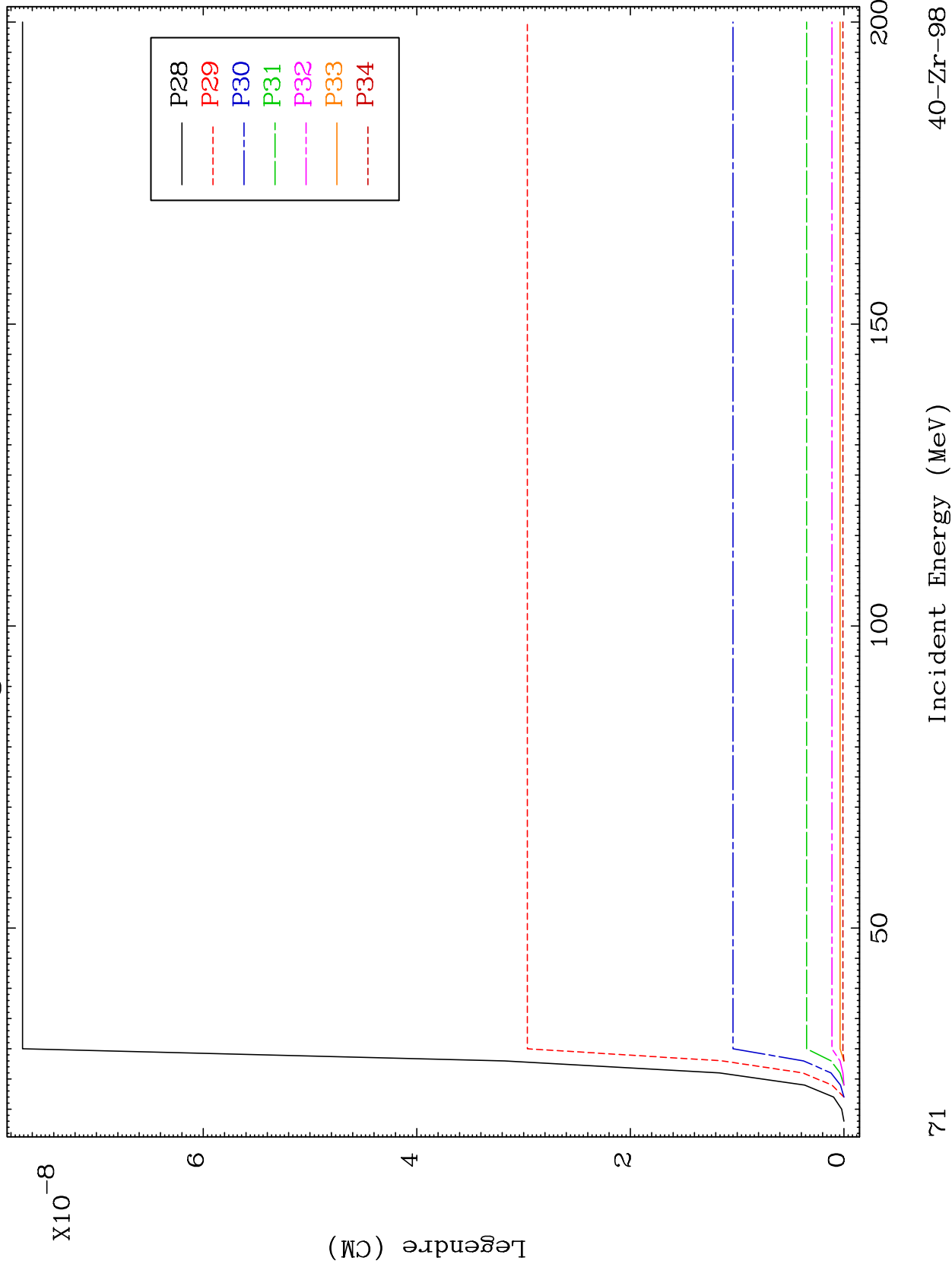
40-Zr-98



MAT 4049

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

40-Zr-98



71

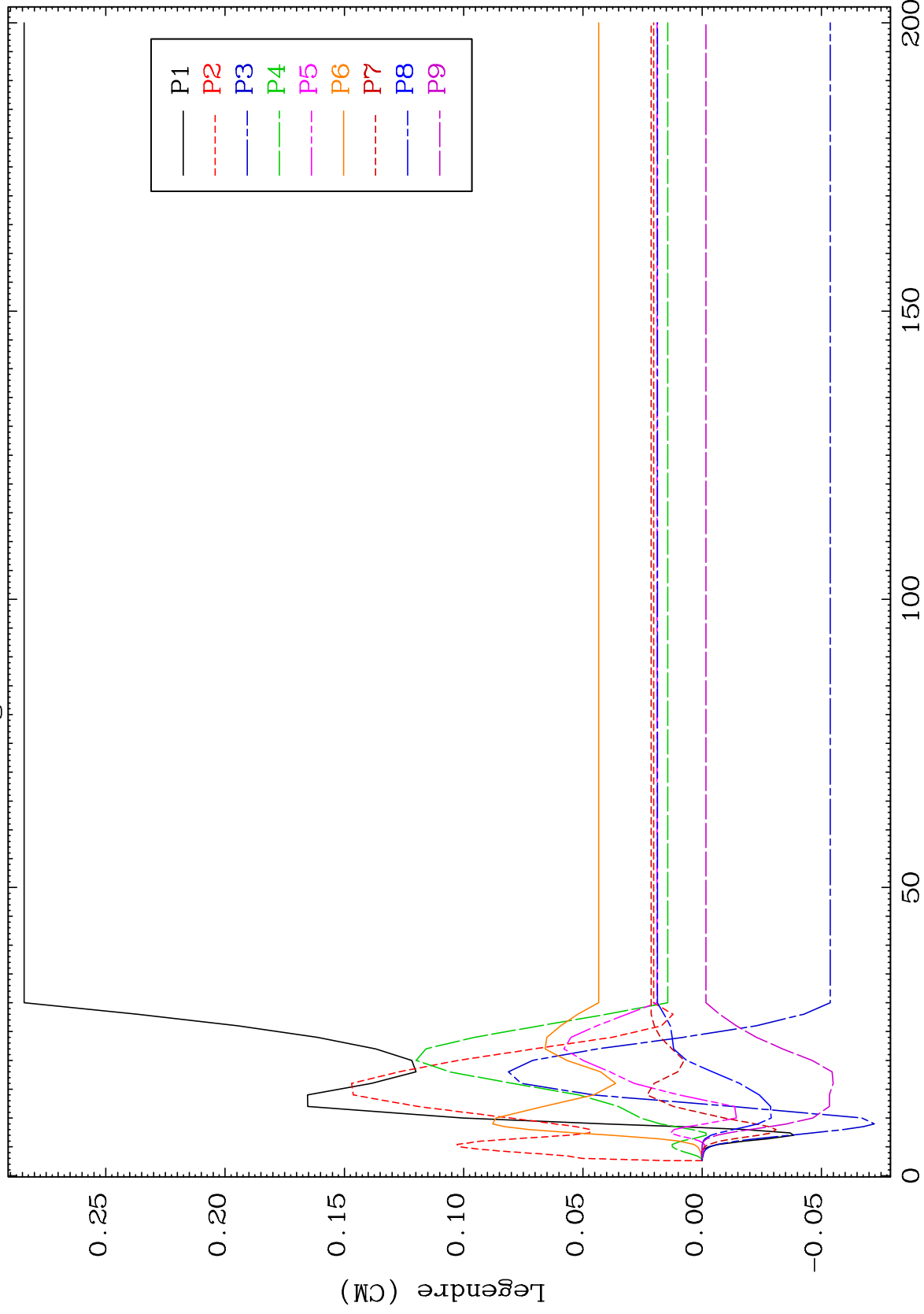
Incident Energy (MeV)

40-Zr-98

MAT 4049

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

40-Zr-98



72

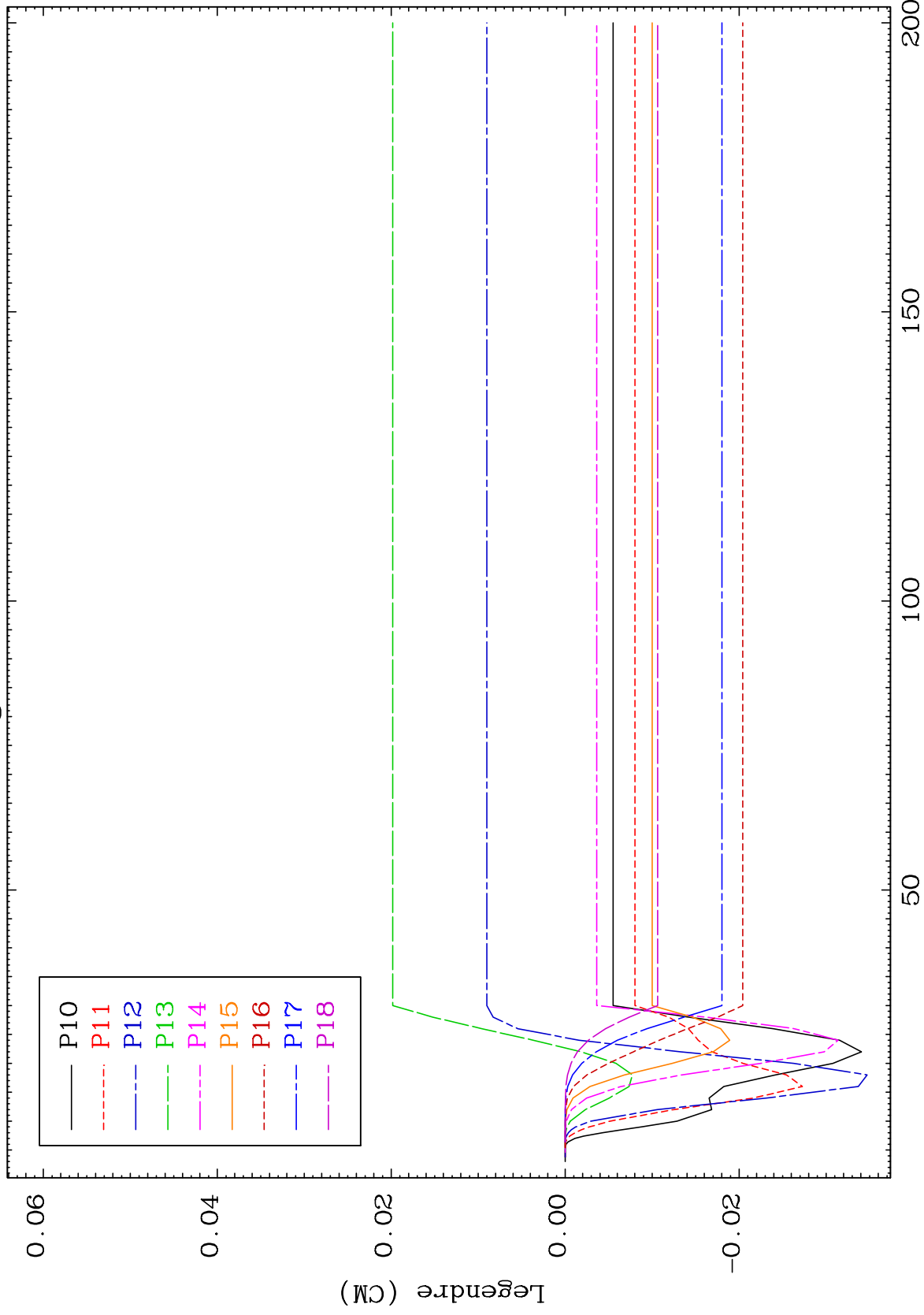
Incident Energy (MeV)

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MAT 4049

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

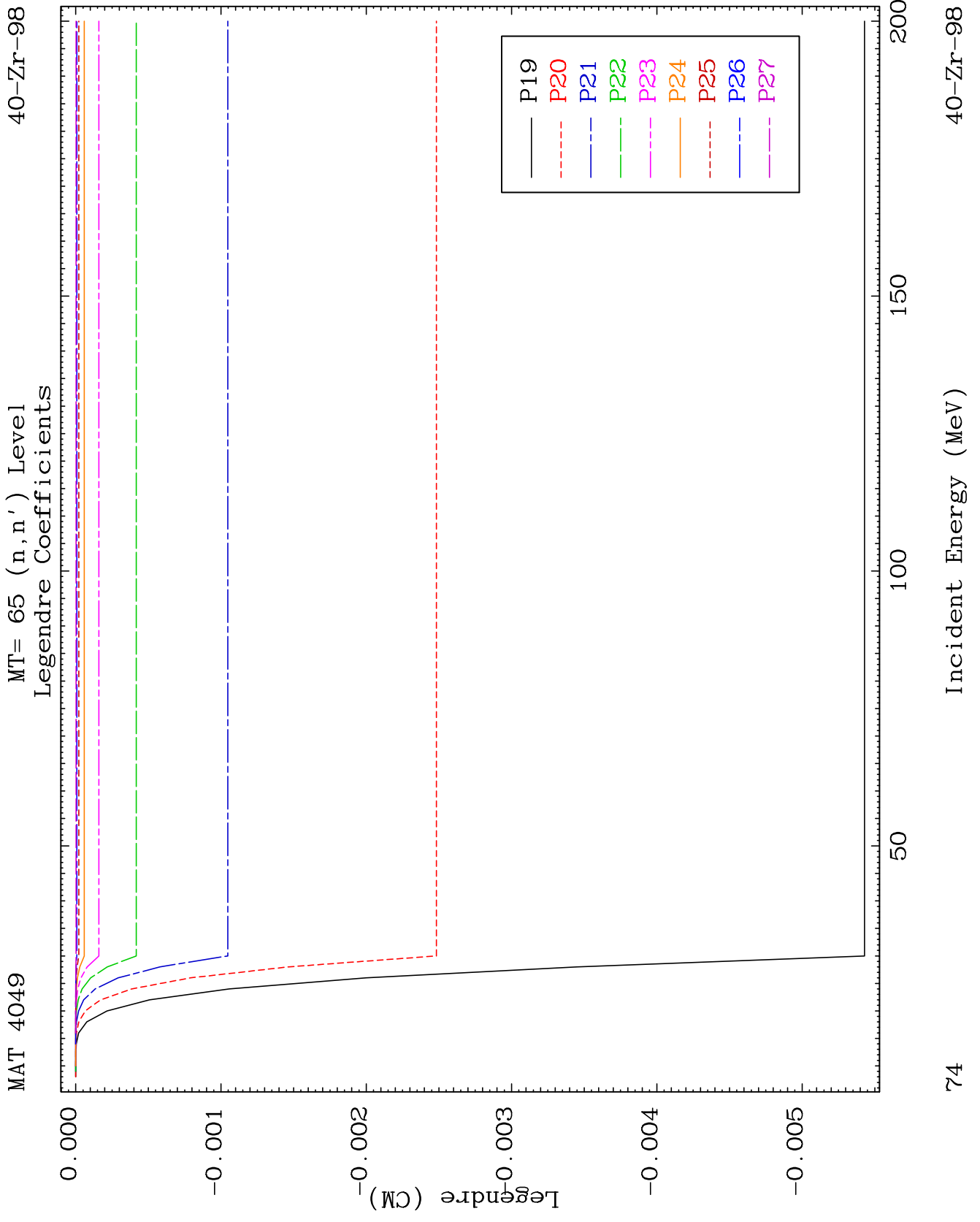
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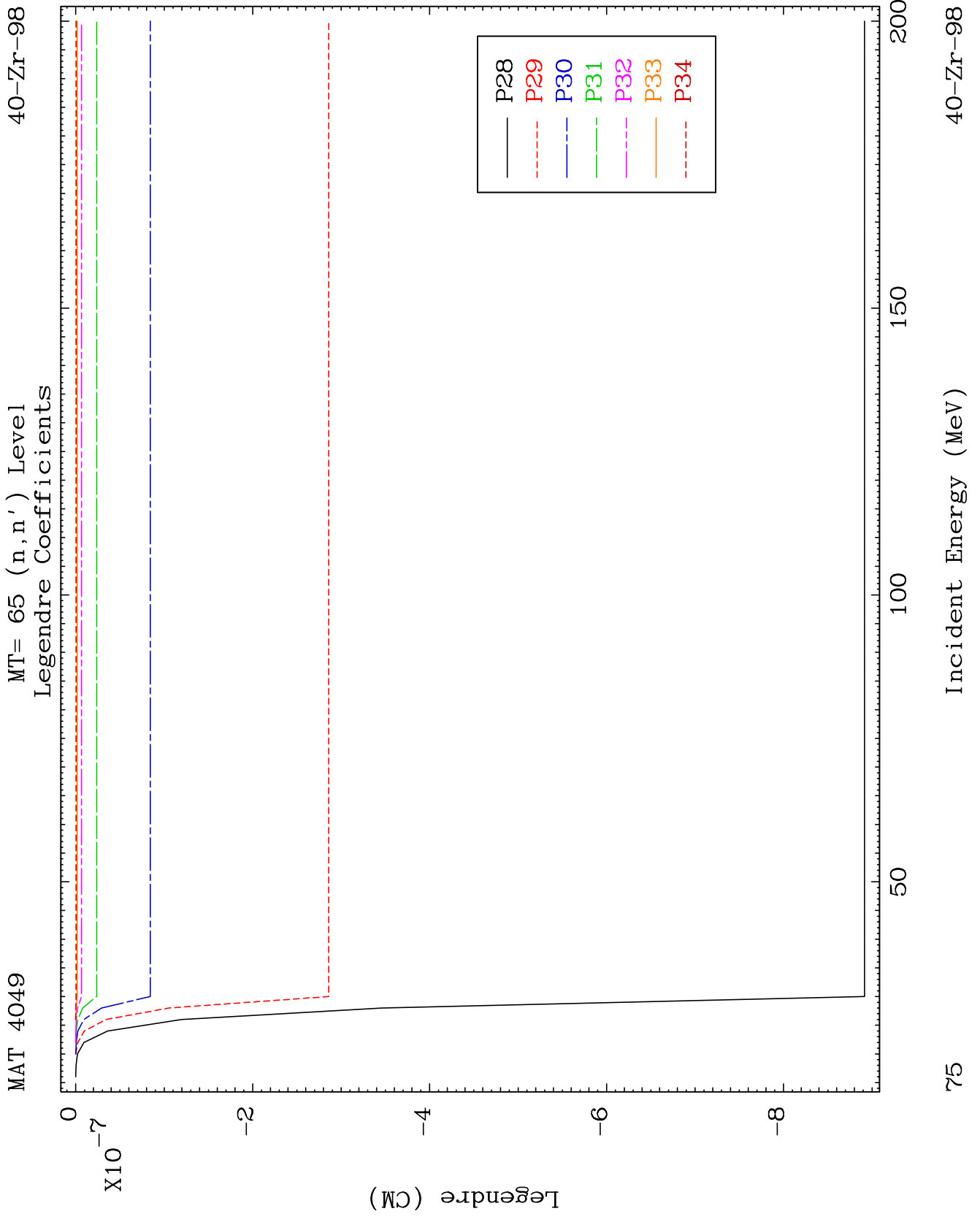


73

Incident Energy (MeV)

40-Zr-98

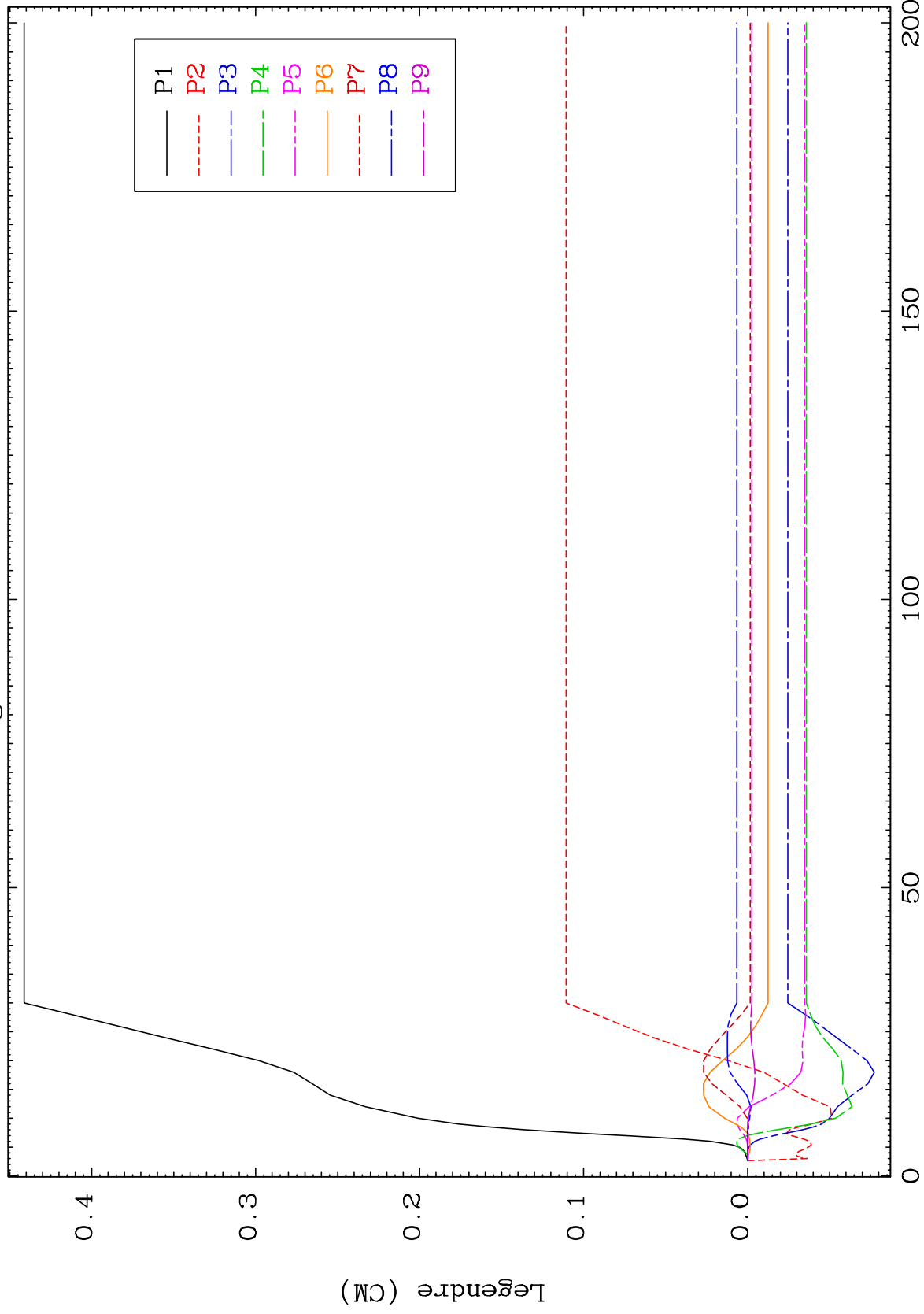




MAT 4049

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

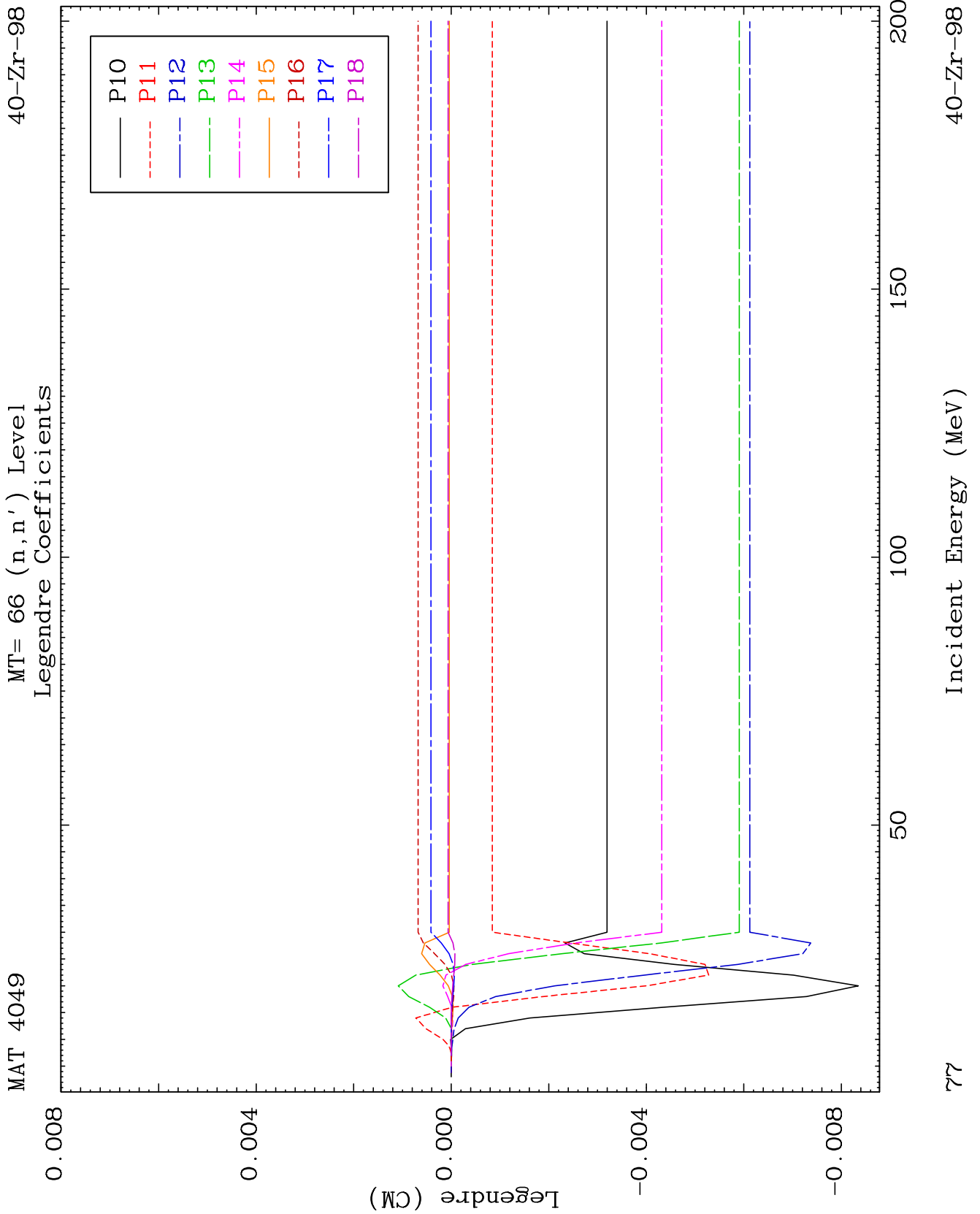
40-Zr-98



76

Incident Energy (MeV)

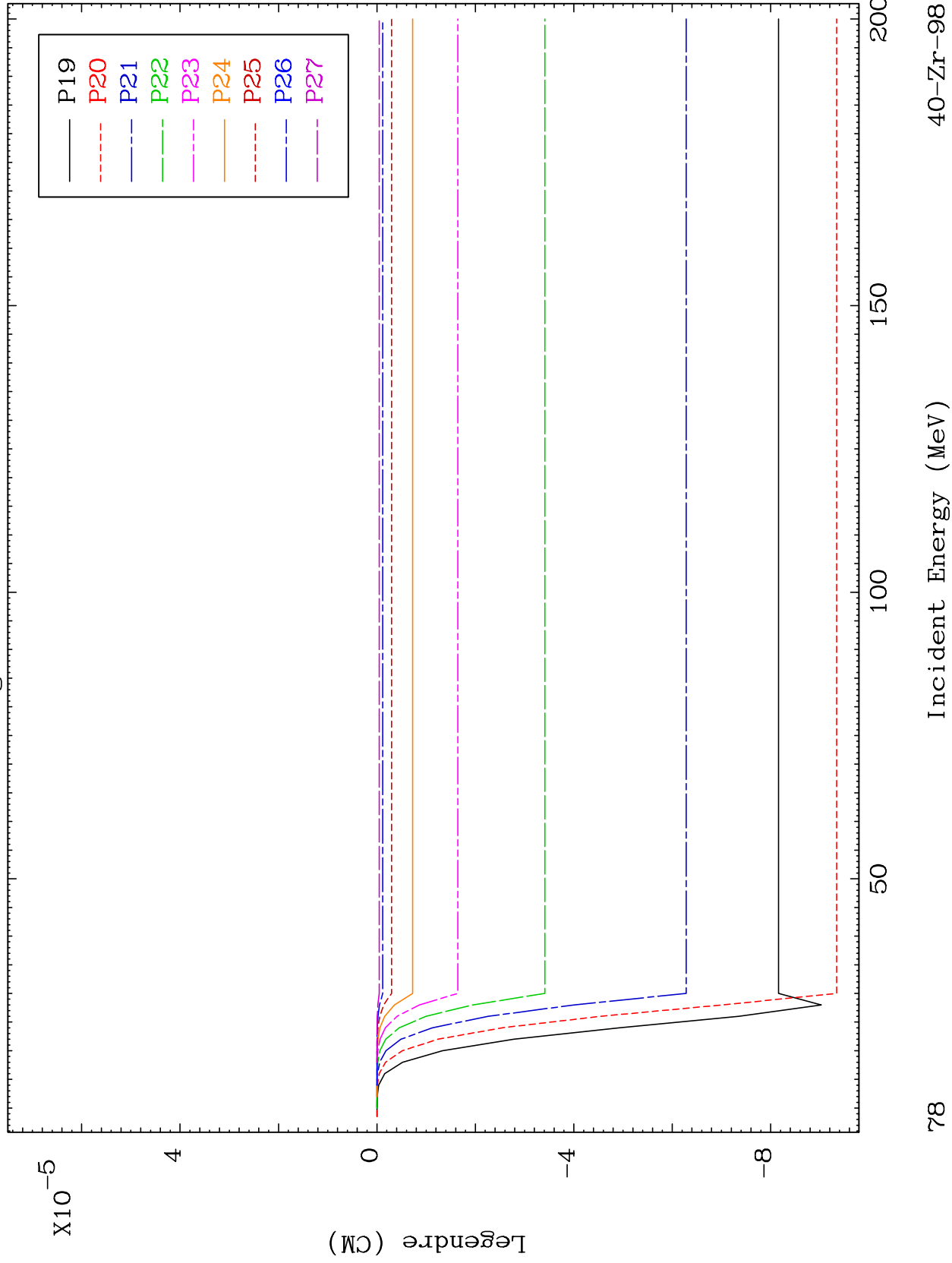
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MAT 4049

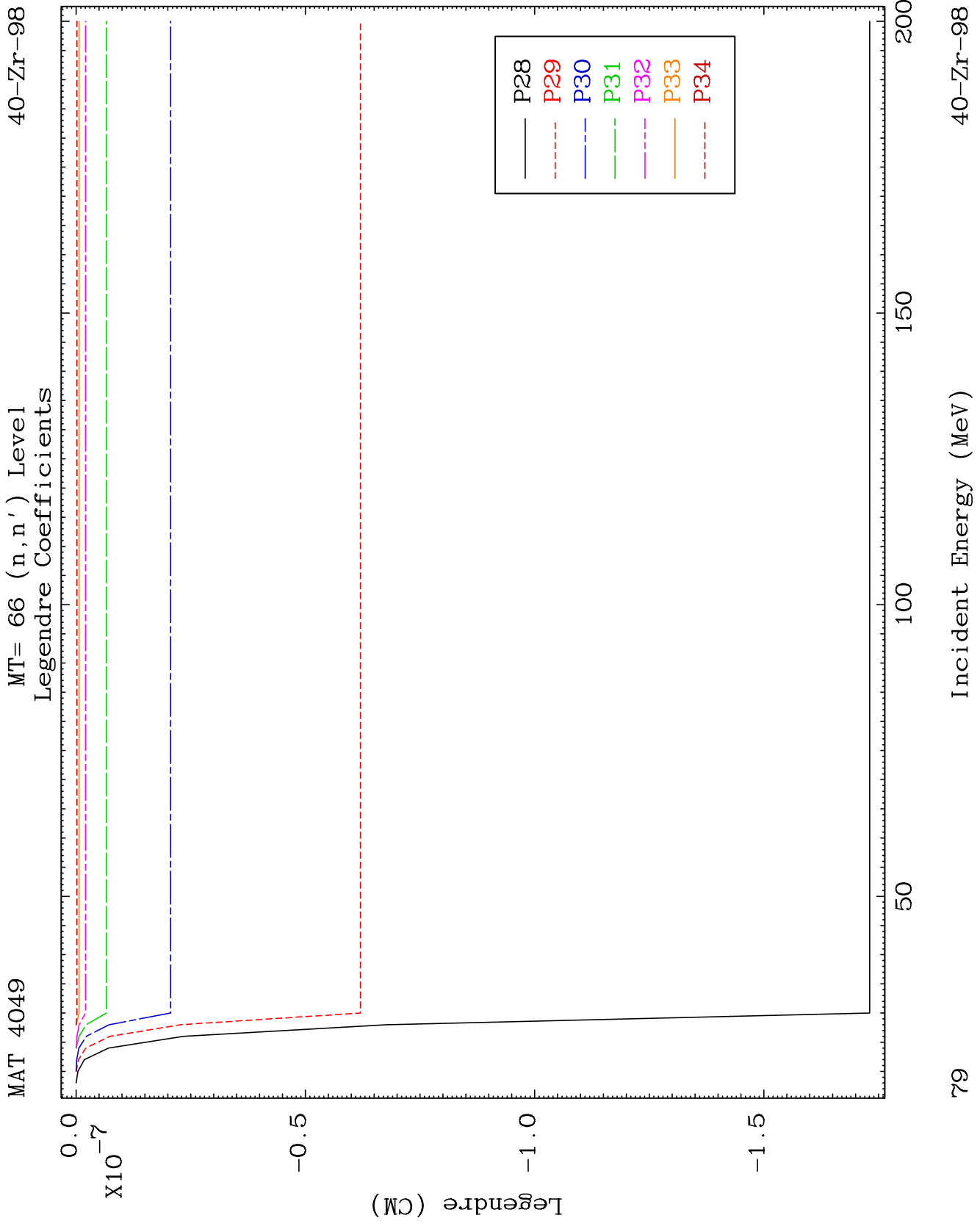
MT= 66 (n,n') Level
Legendre Coefficients

40-Zr-98



78

40-Zr-98

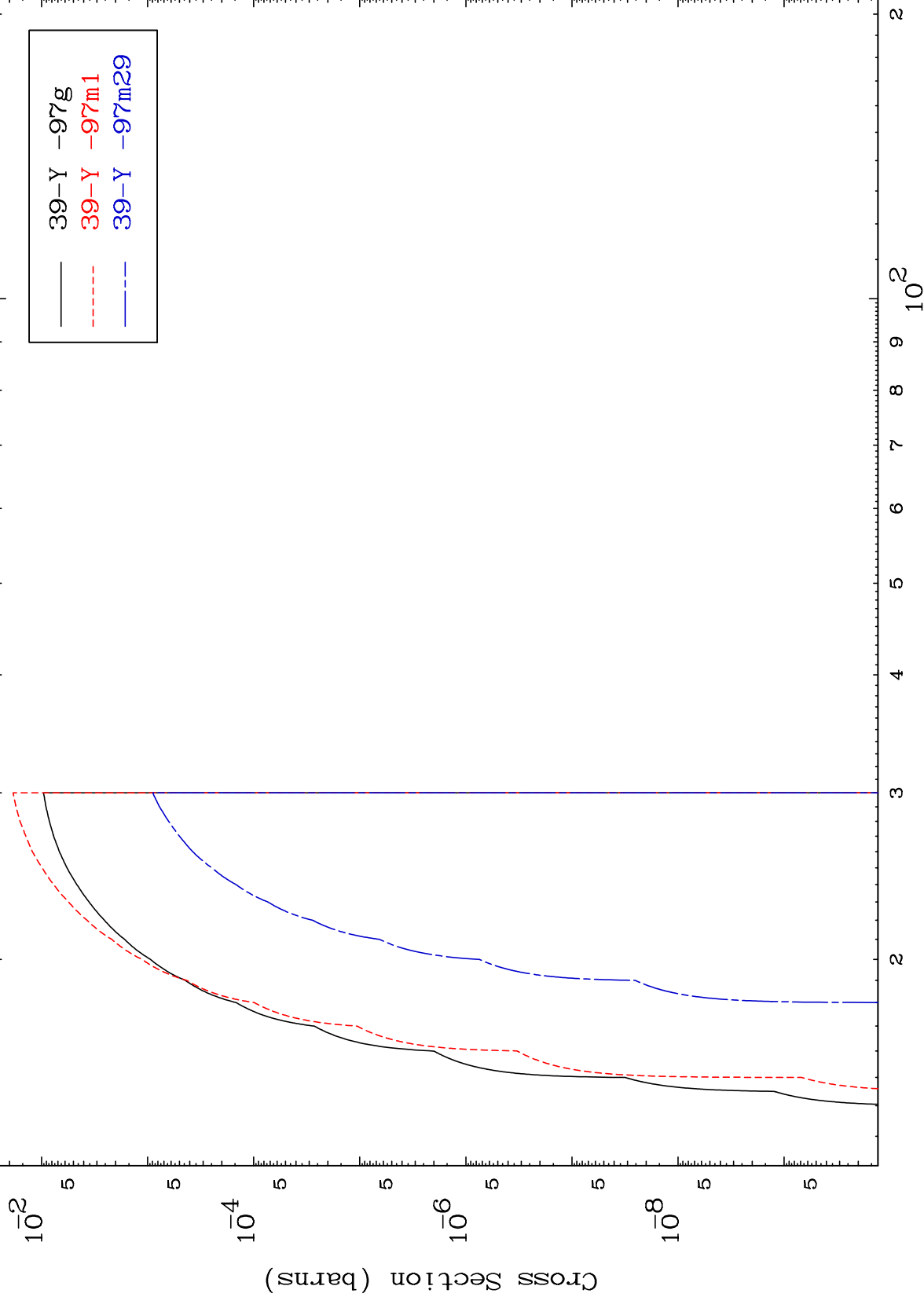


MAT 4049

(n,n') p

40-Zr-98

Radionuclide Production Cross Section



80

Incident Energy (MeV)

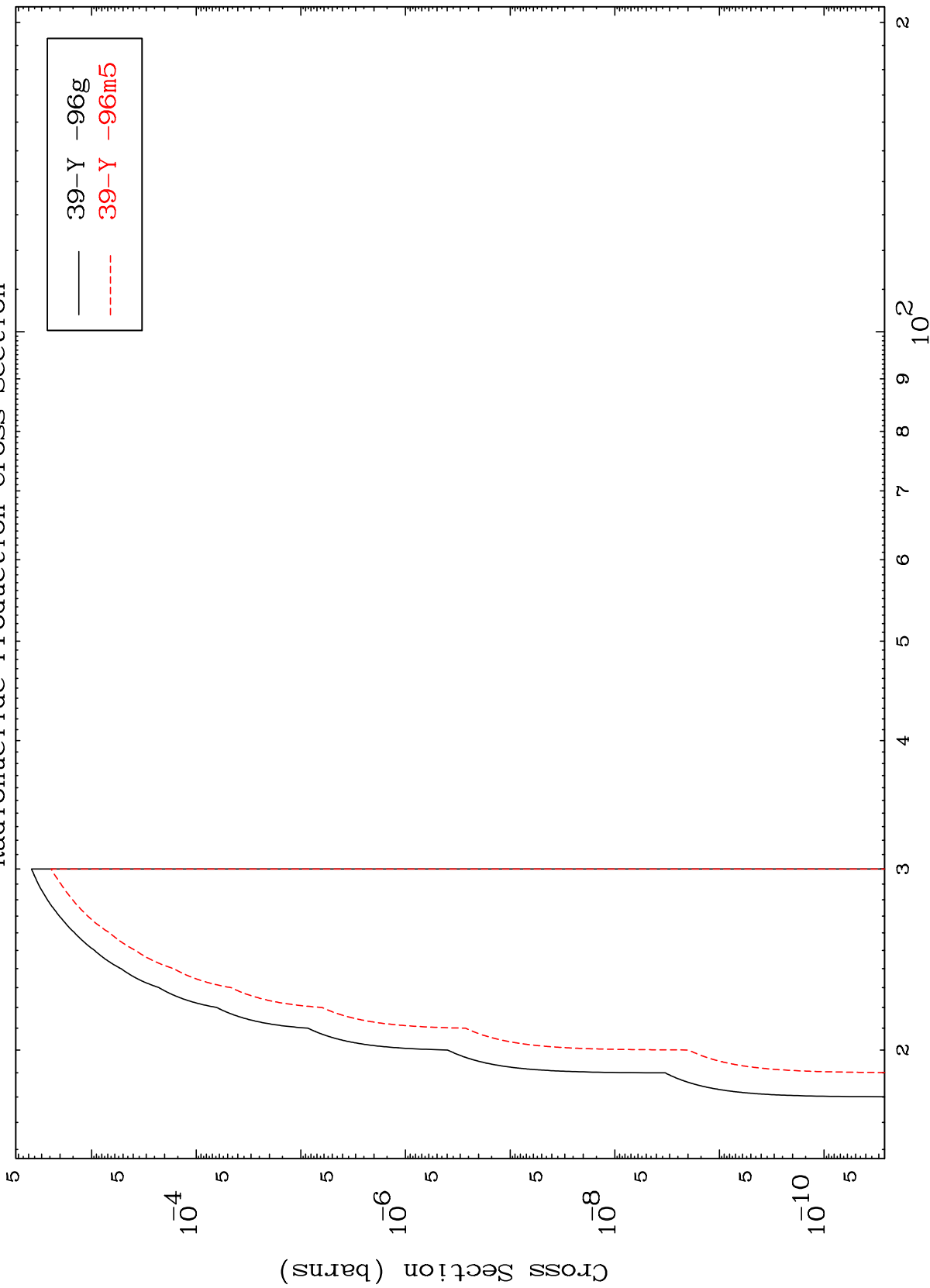
40-Zr-98

MAT 4049

(n,n') d

40-Zr-98

Radionuclide Production Cross Section



81

Incident Energy (MeV)

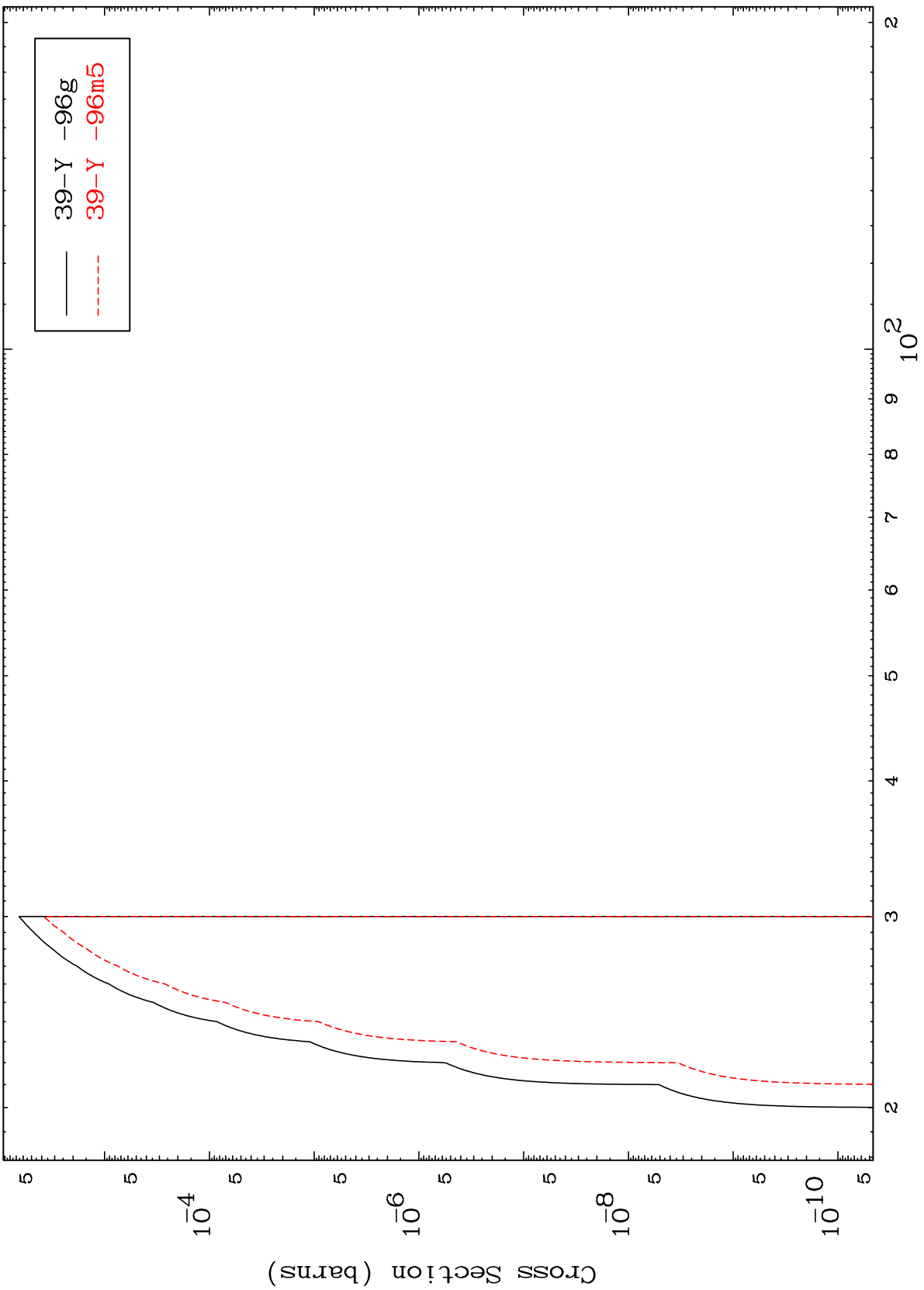
40-Zr-98

MAT 4049

(n,2n) p

40-Zr-98

Radionuclide Production Cross Section



39-Y -96g
39-Y -96m5

82

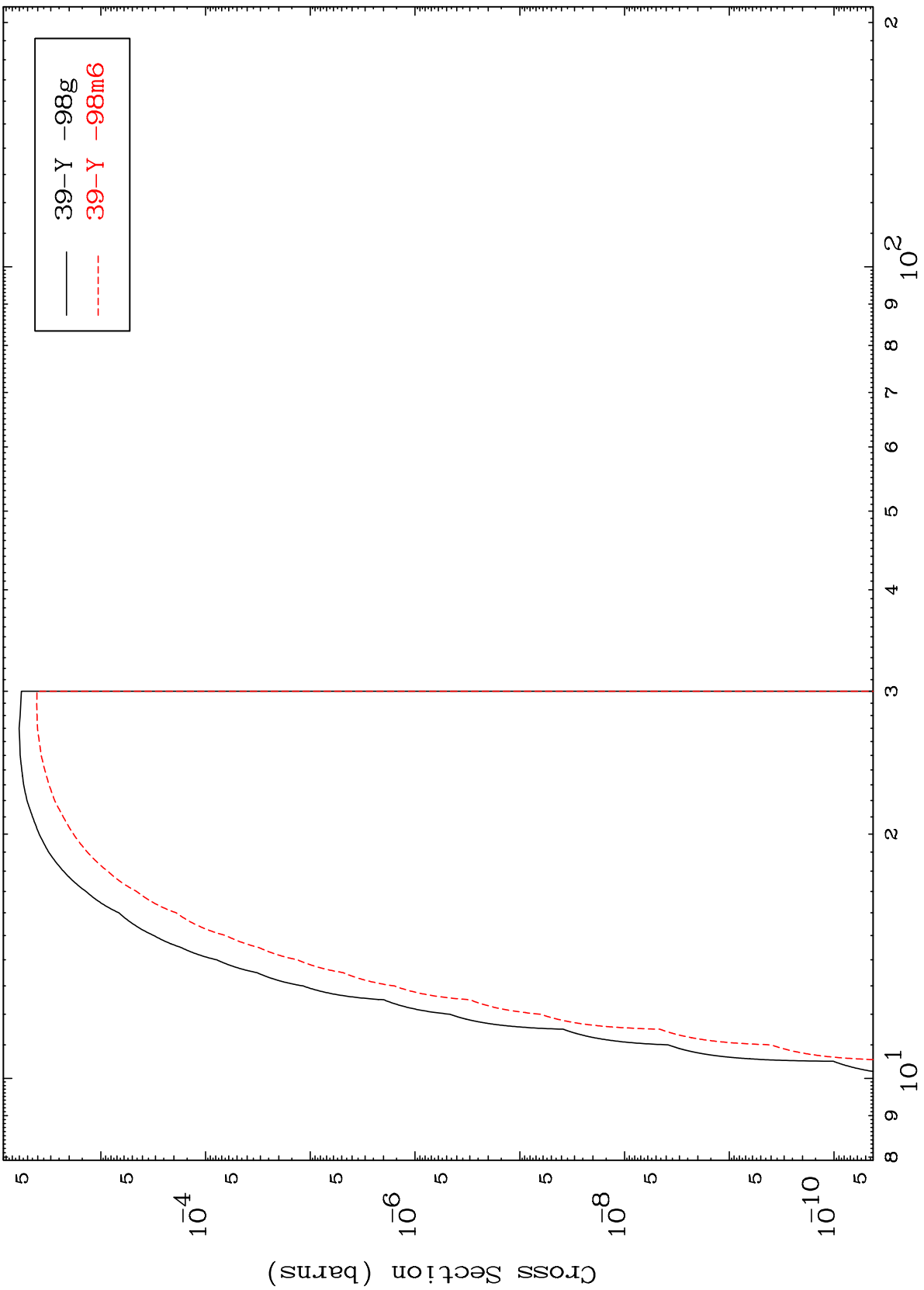
Incident Energy (MeV)

40-Zr-98

MAT 4049

40-Zr-98

(n,p)
Radionuclide Production Cross Section



83

Incident Energy (MeV)

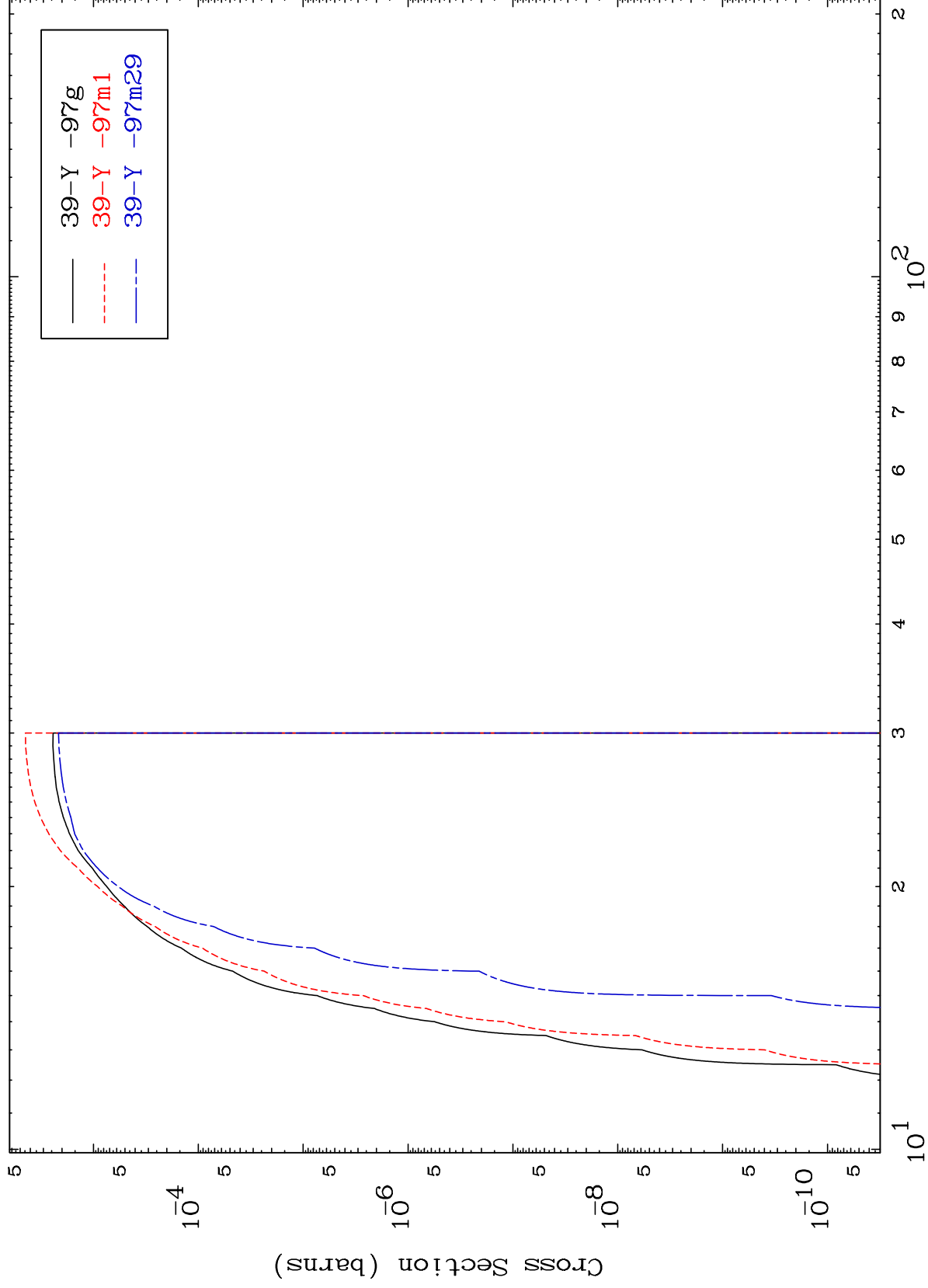
40-Zr-98

MAT 4049

(n,d)

40-Zr-98

Radionuclide Production Cross Section



Incident Energy (MeV)

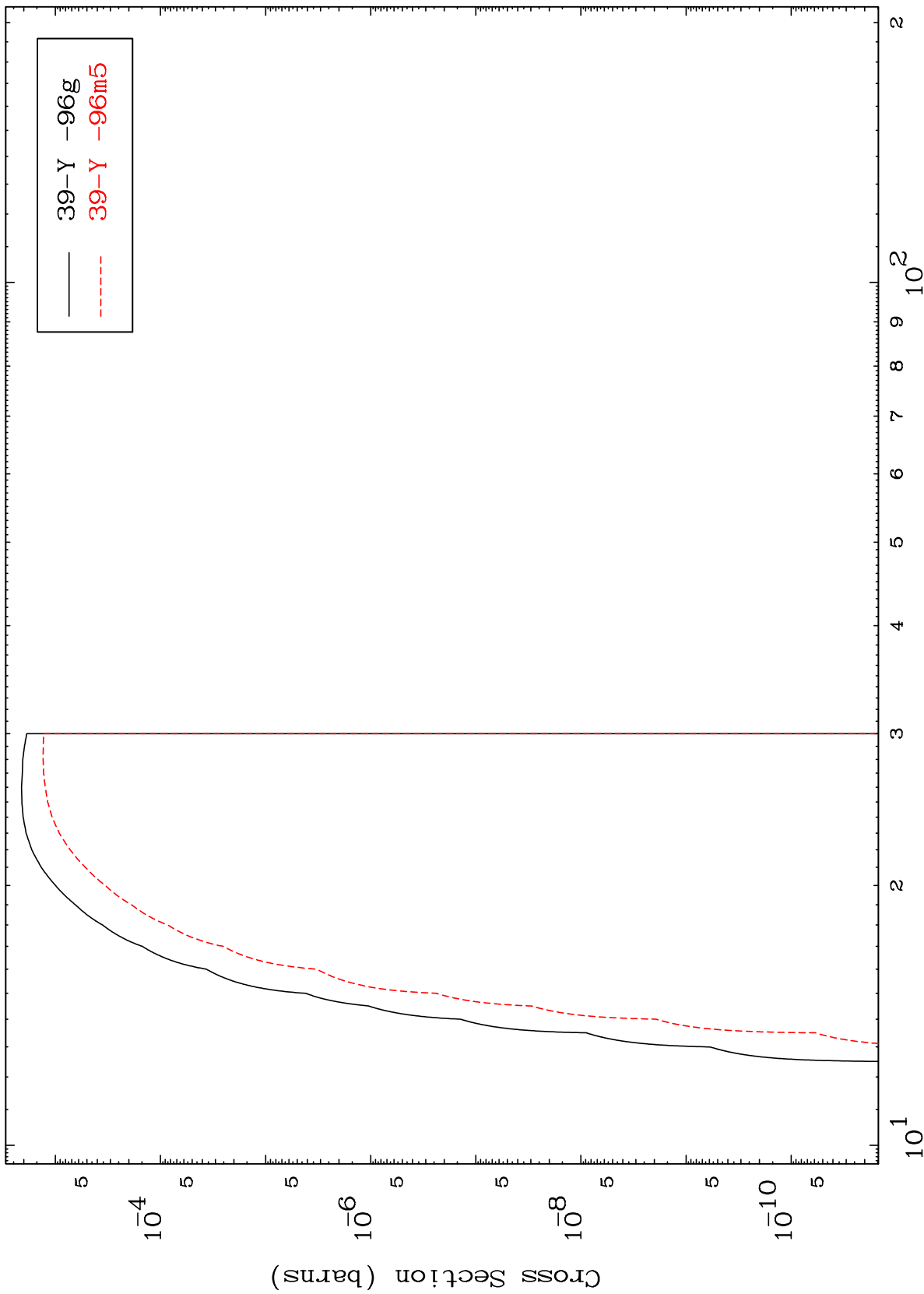
40-Zr-98

84

MAT 4049

40-Zr-98

(n, t)
Radionuclide Production Cross Section



40-Zr-98

Incident Energy (MeV)

85