

Program EVALPLOT
(Version 2021-1)

by

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(Present Contact Information)

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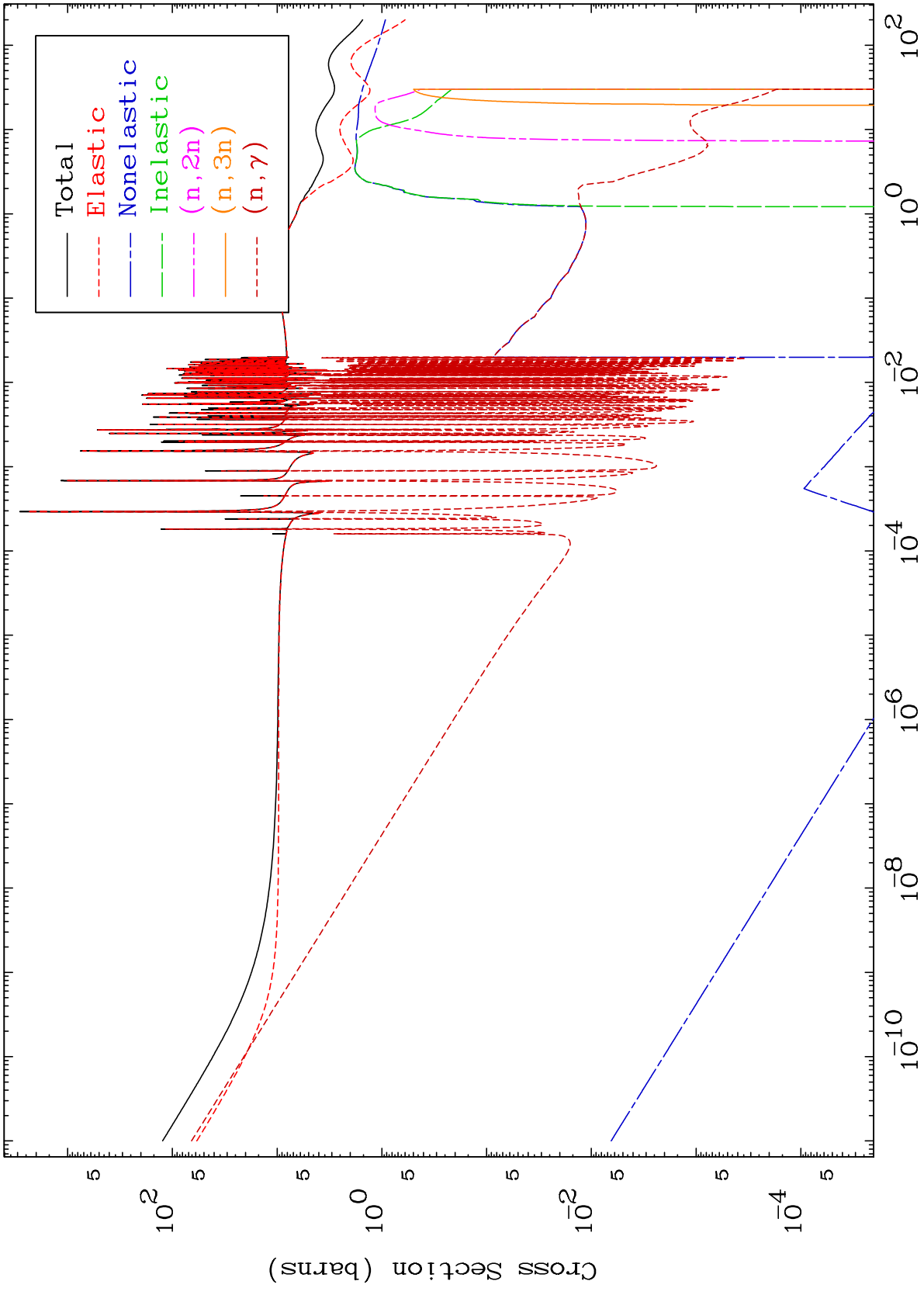
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4028

Neutron Major
293 Kelvin Cross Sections

40-Zr-91

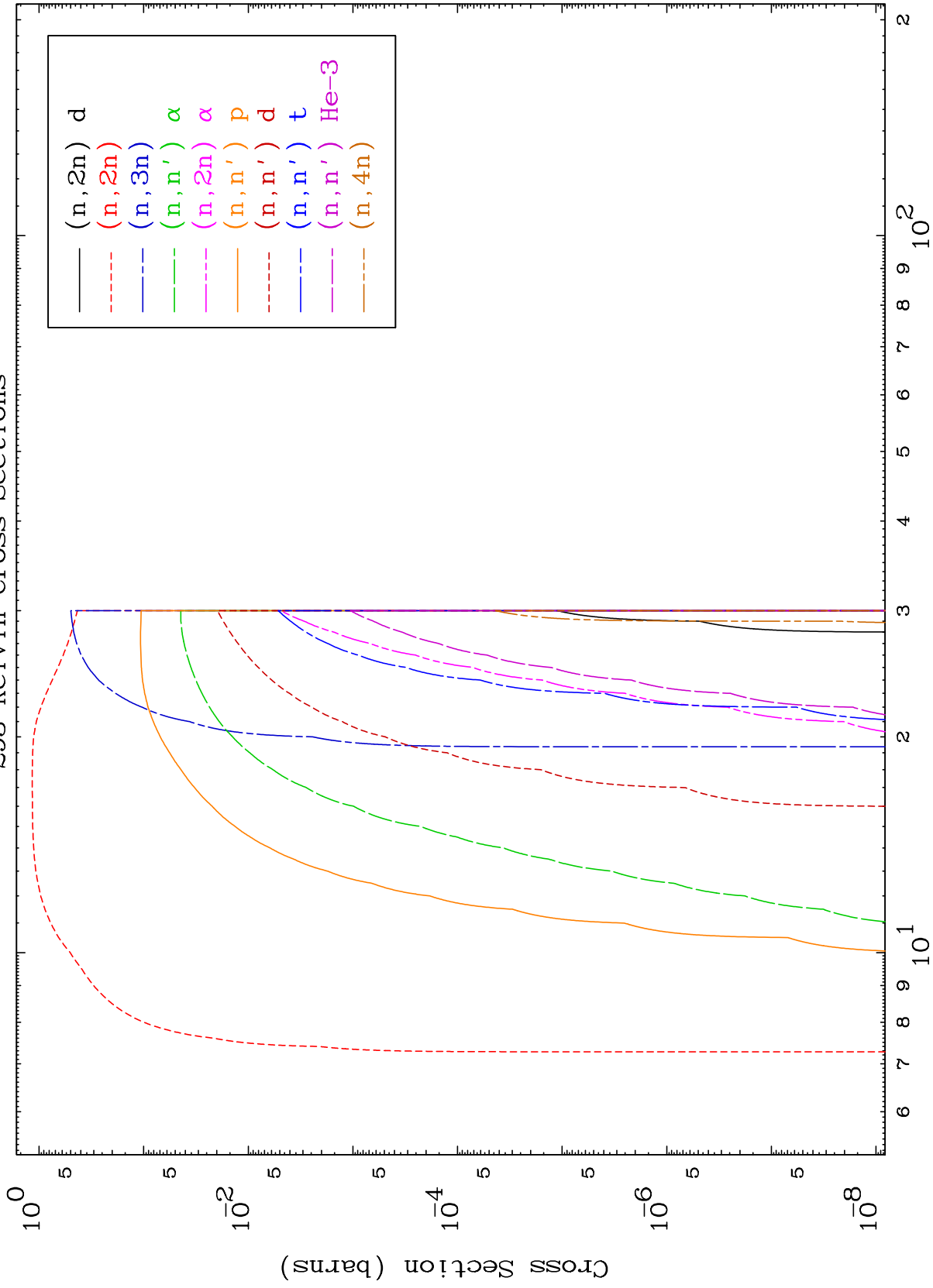


40-Zr-91

MAT 4028

Neutron Absorption
293 Kelvin Cross Sections

40-Zr-91



2

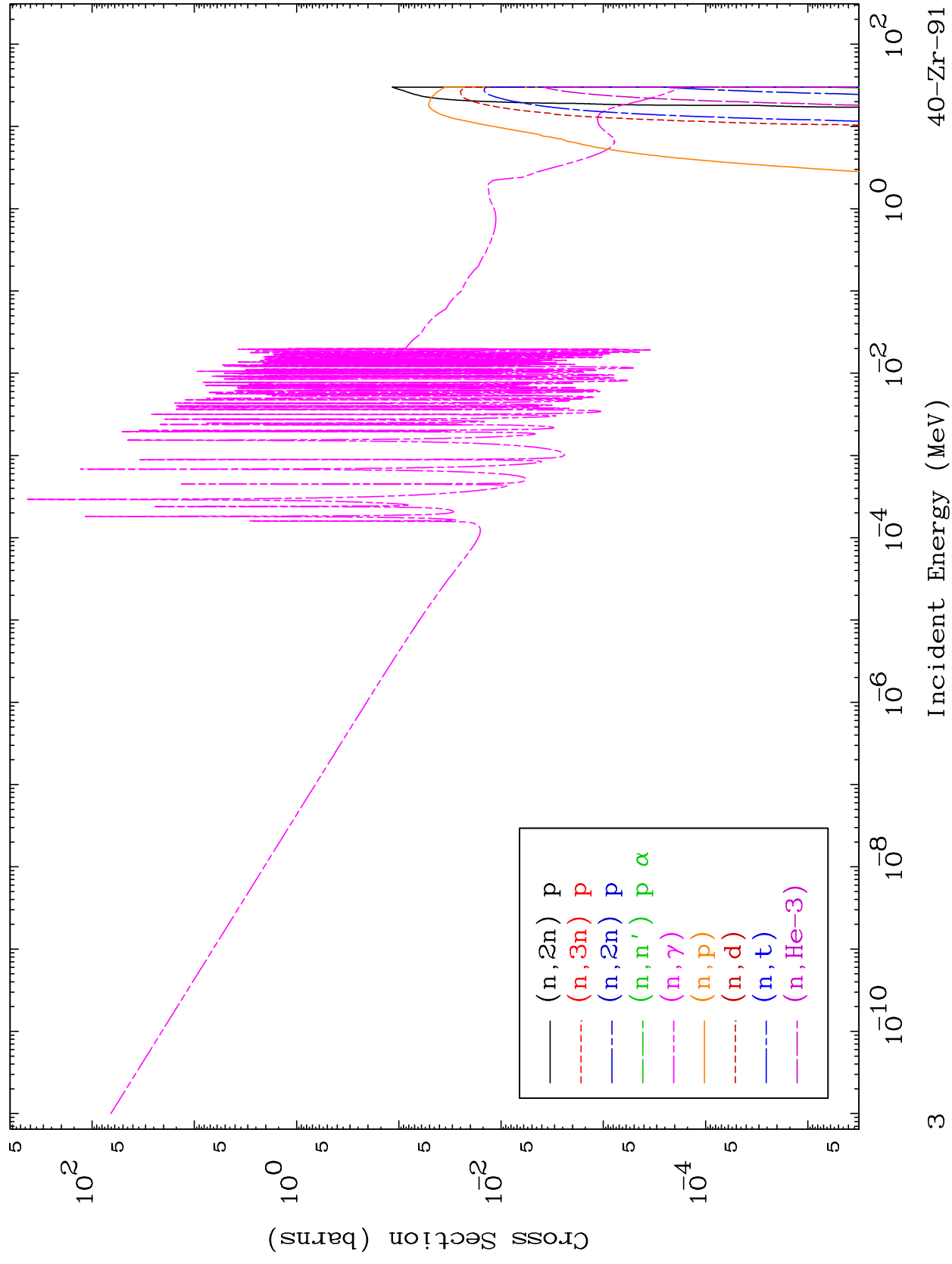
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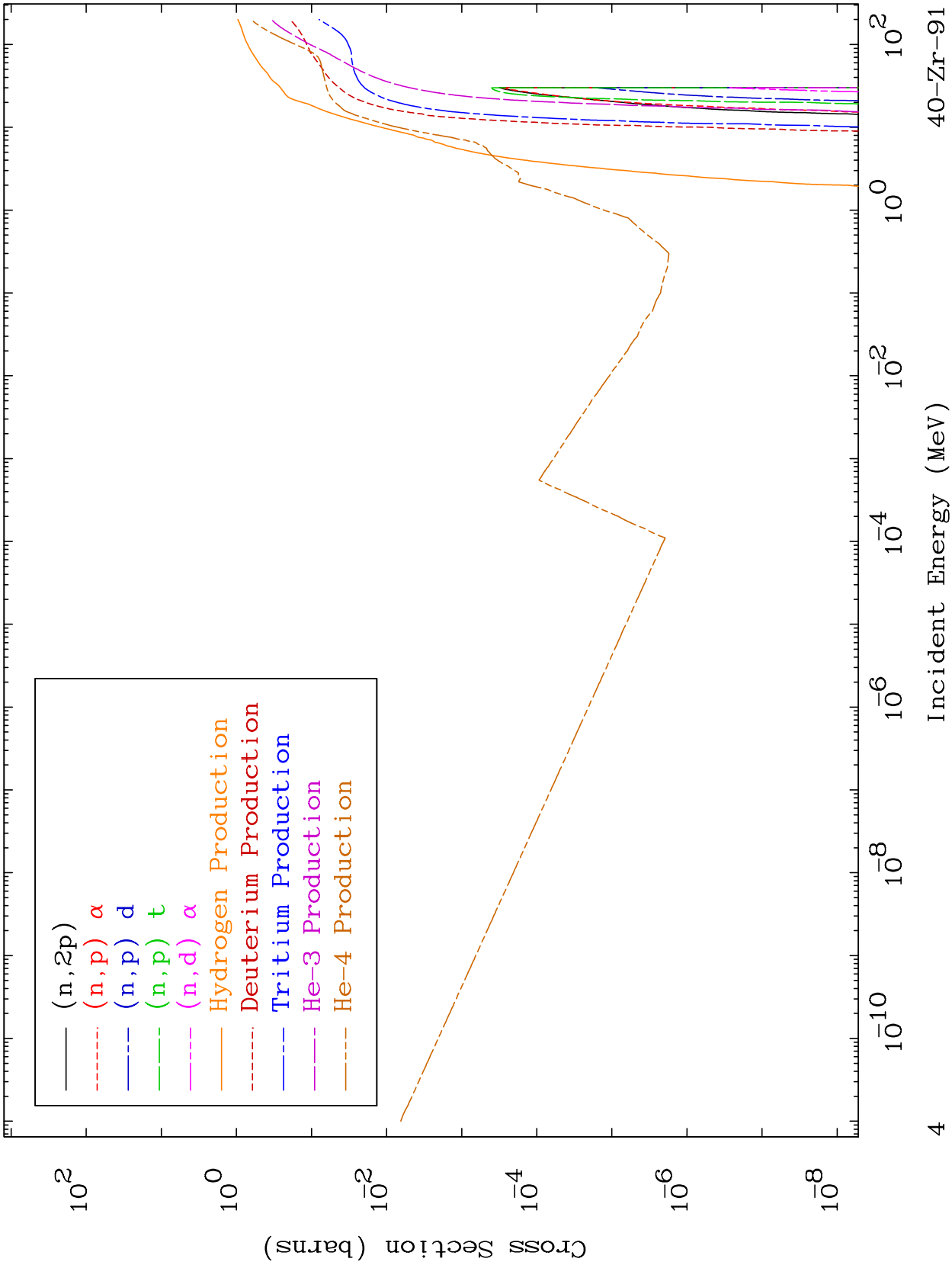
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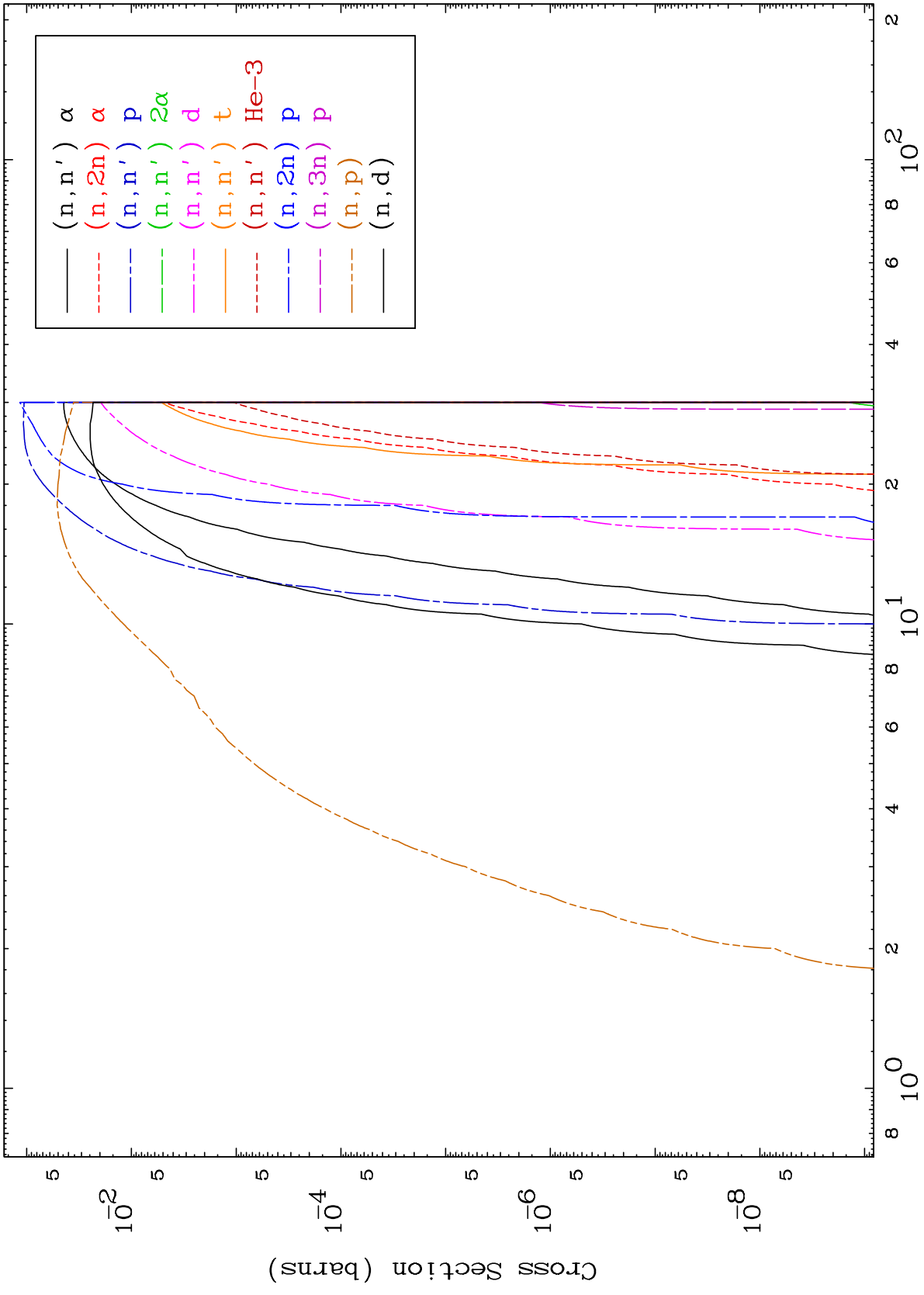
MAT 4028

Neutron Absorption
293 Kelvin Cross Sections

40-Zr-91



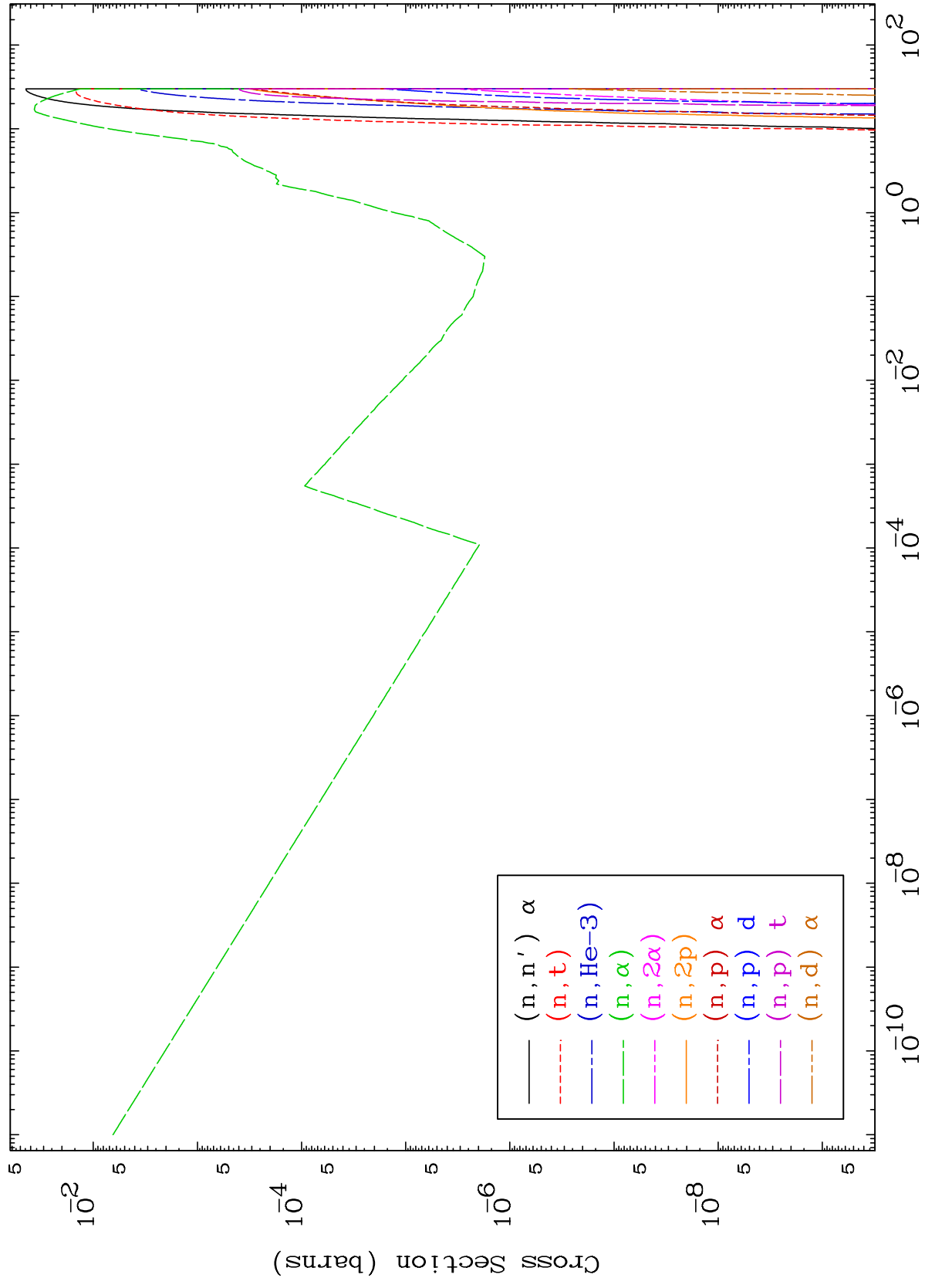




MAT 4028

293 Kelvin Cross Sections

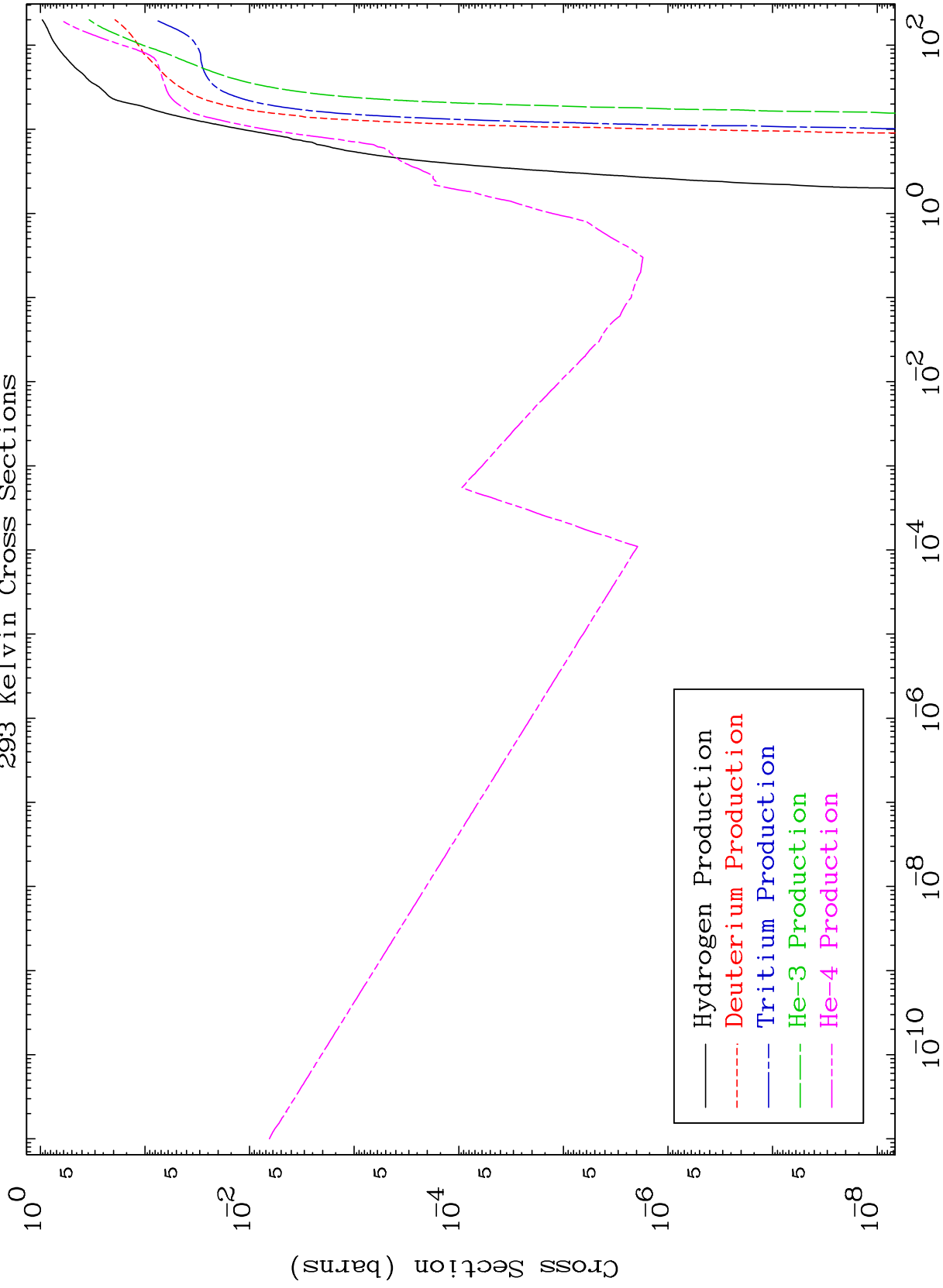
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MAT 4028

Particle Production
293 Kelvin Cross Sections

40-Zr-91



7

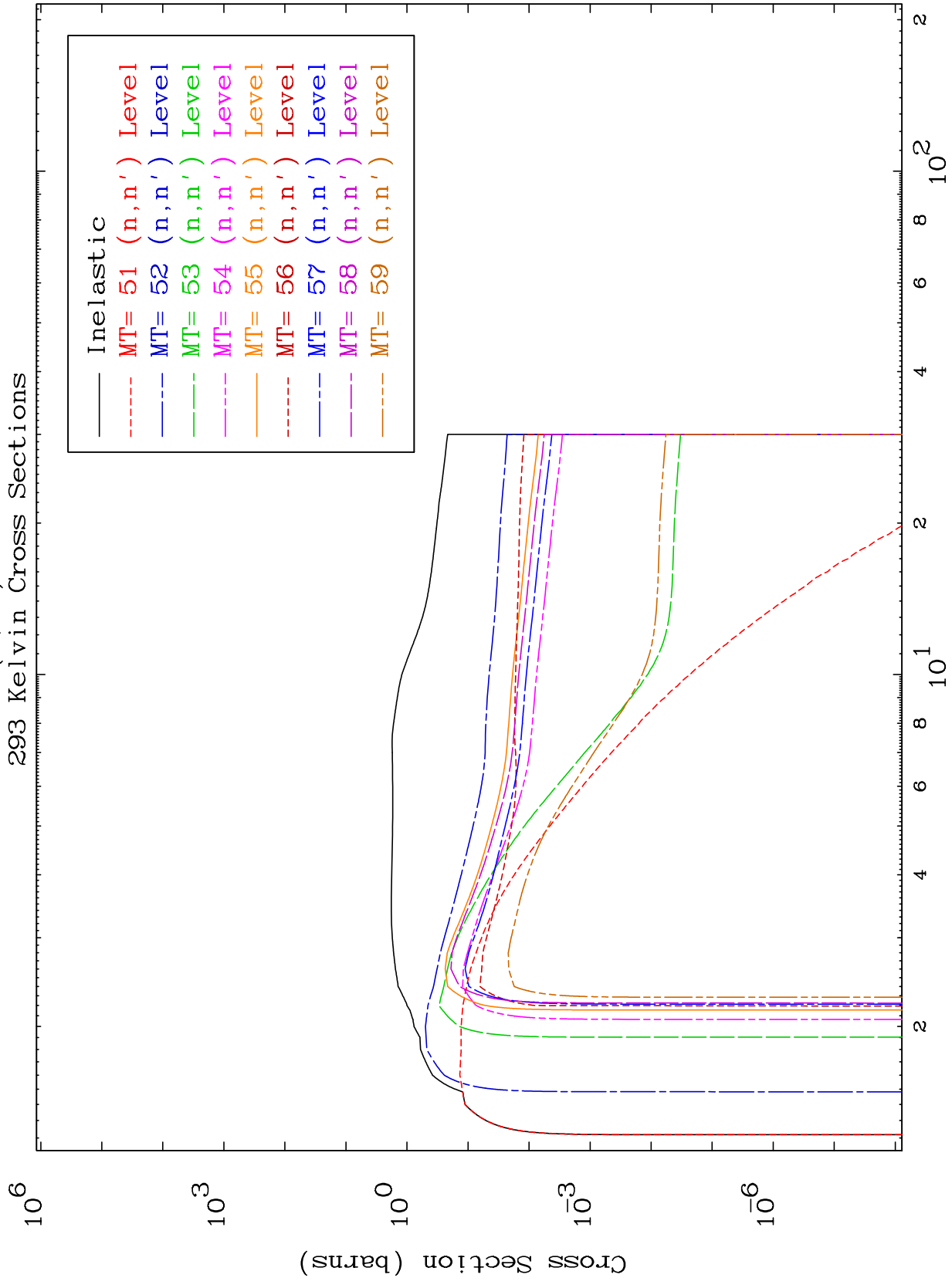
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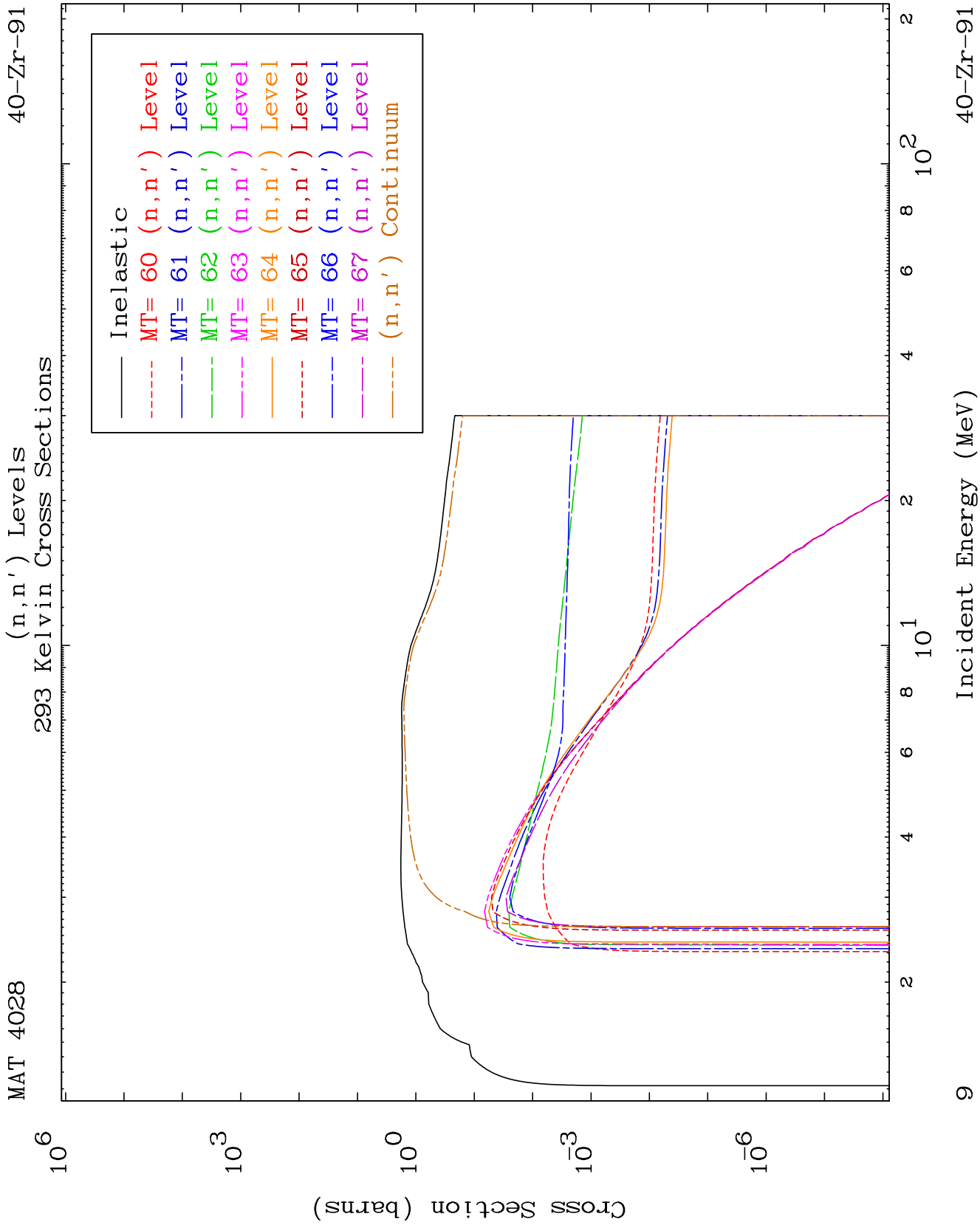
40-Zr-91

MAT 4028

(n,n') Levels

40-Zr-91

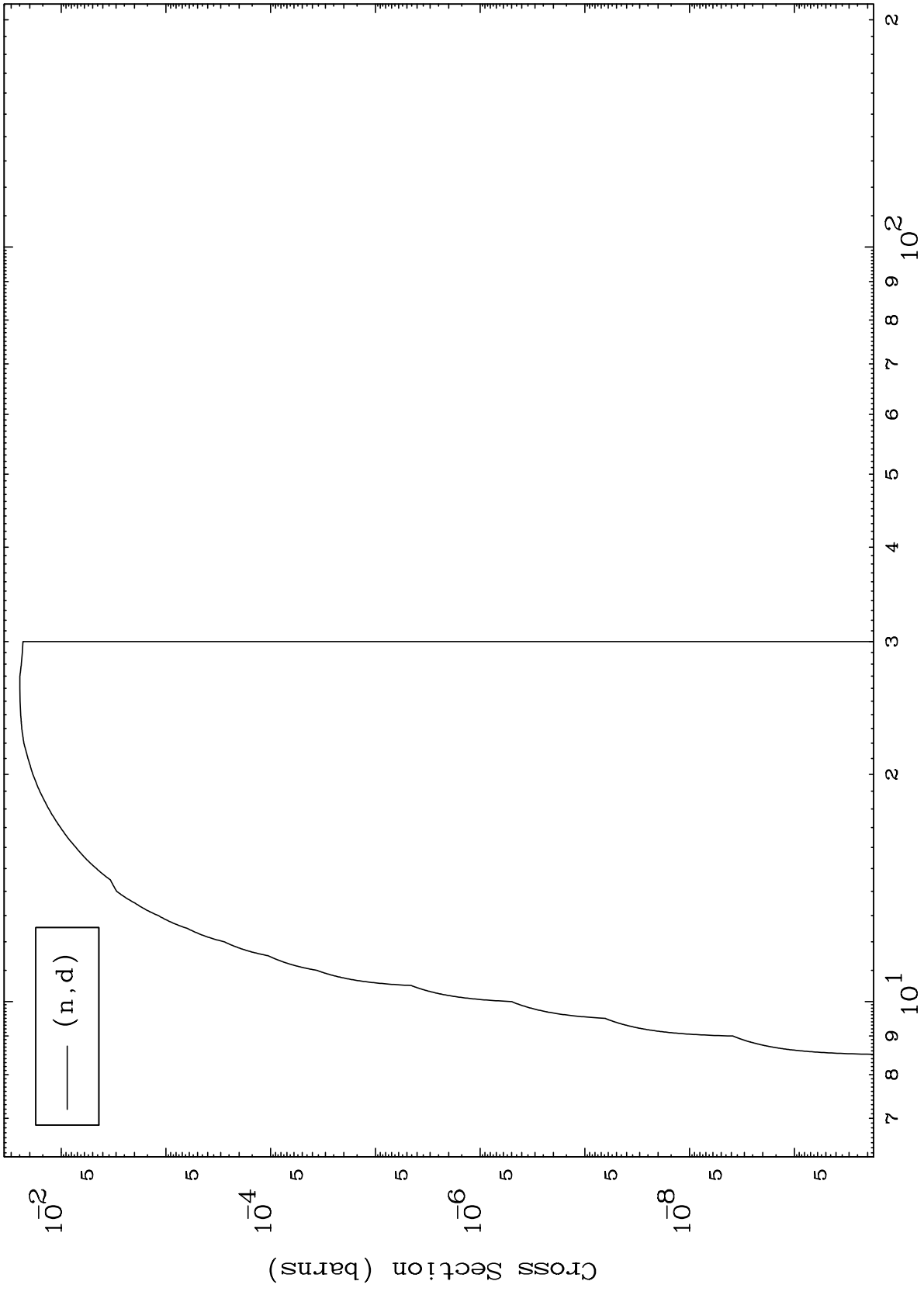




MAT 4028

(n,d) Levels
293 Kelvin Cross Sections

40-Zr-91

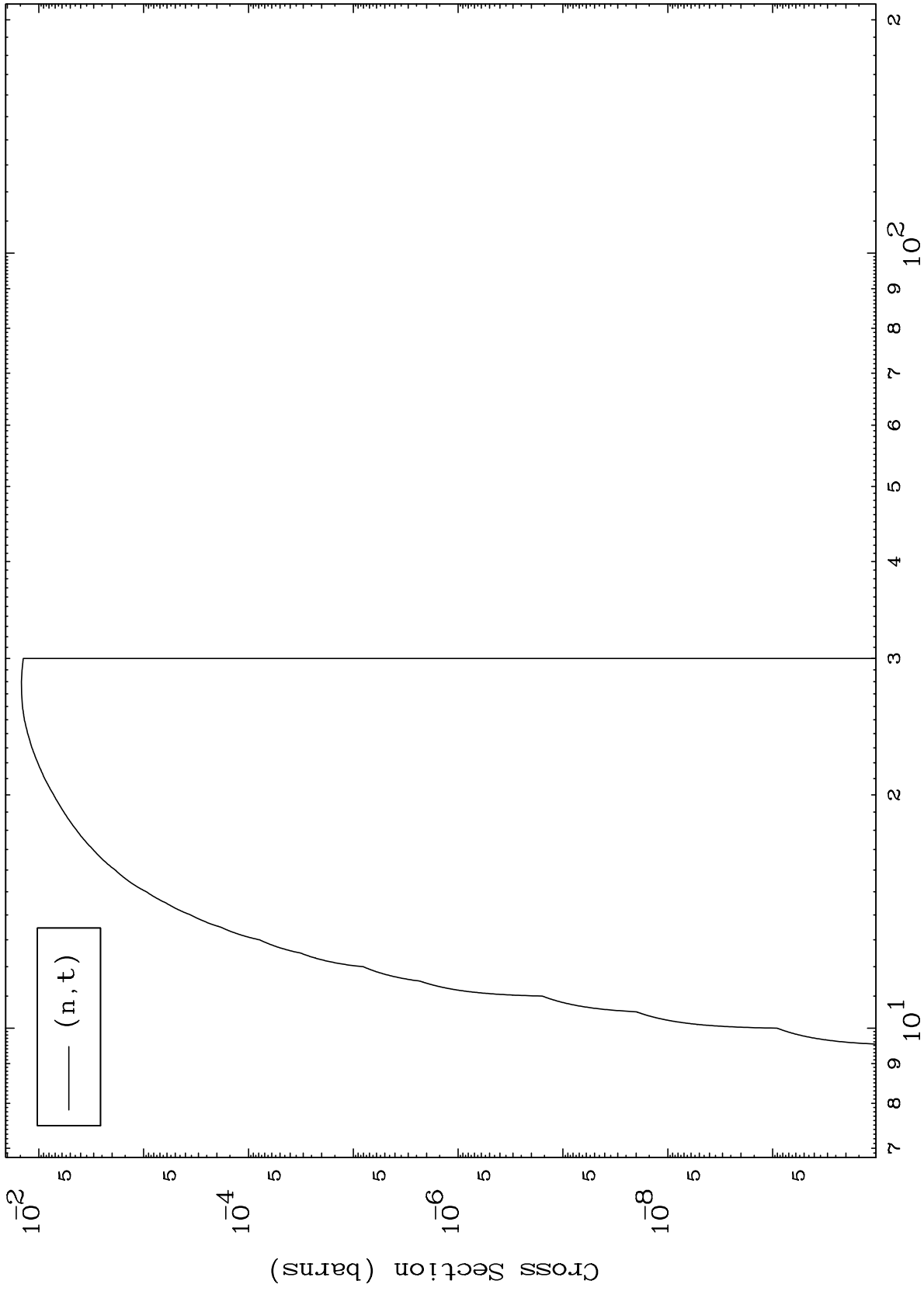


— (n,d)

MAT 4028

(n,t) Levels
293 Kelvin Cross Sections

40-Zr-91



12

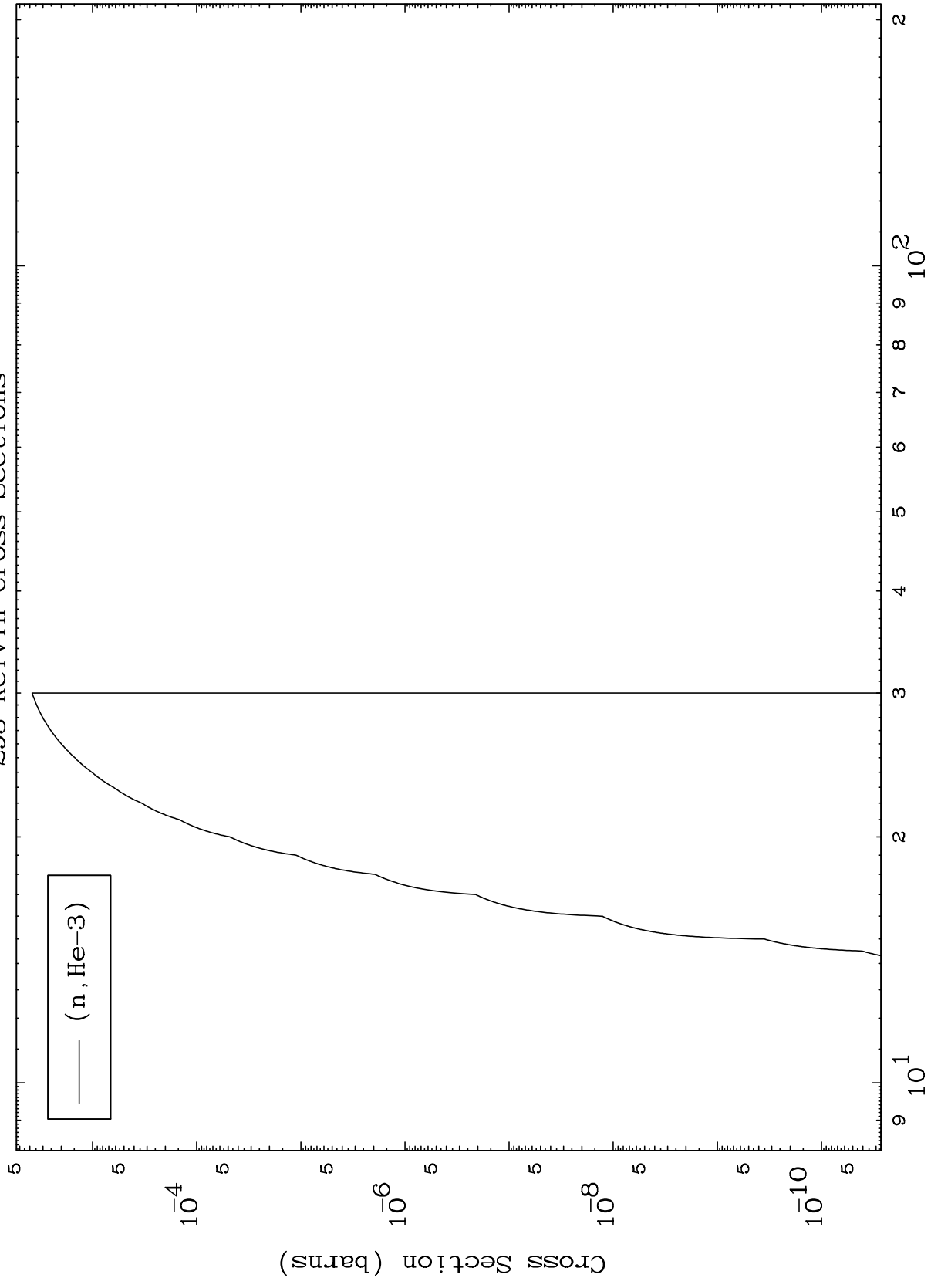
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40-Zr-91

MAT 4028

(n,He3) Levels
293 Kelvin Cross Sections

40-Zr-91



13

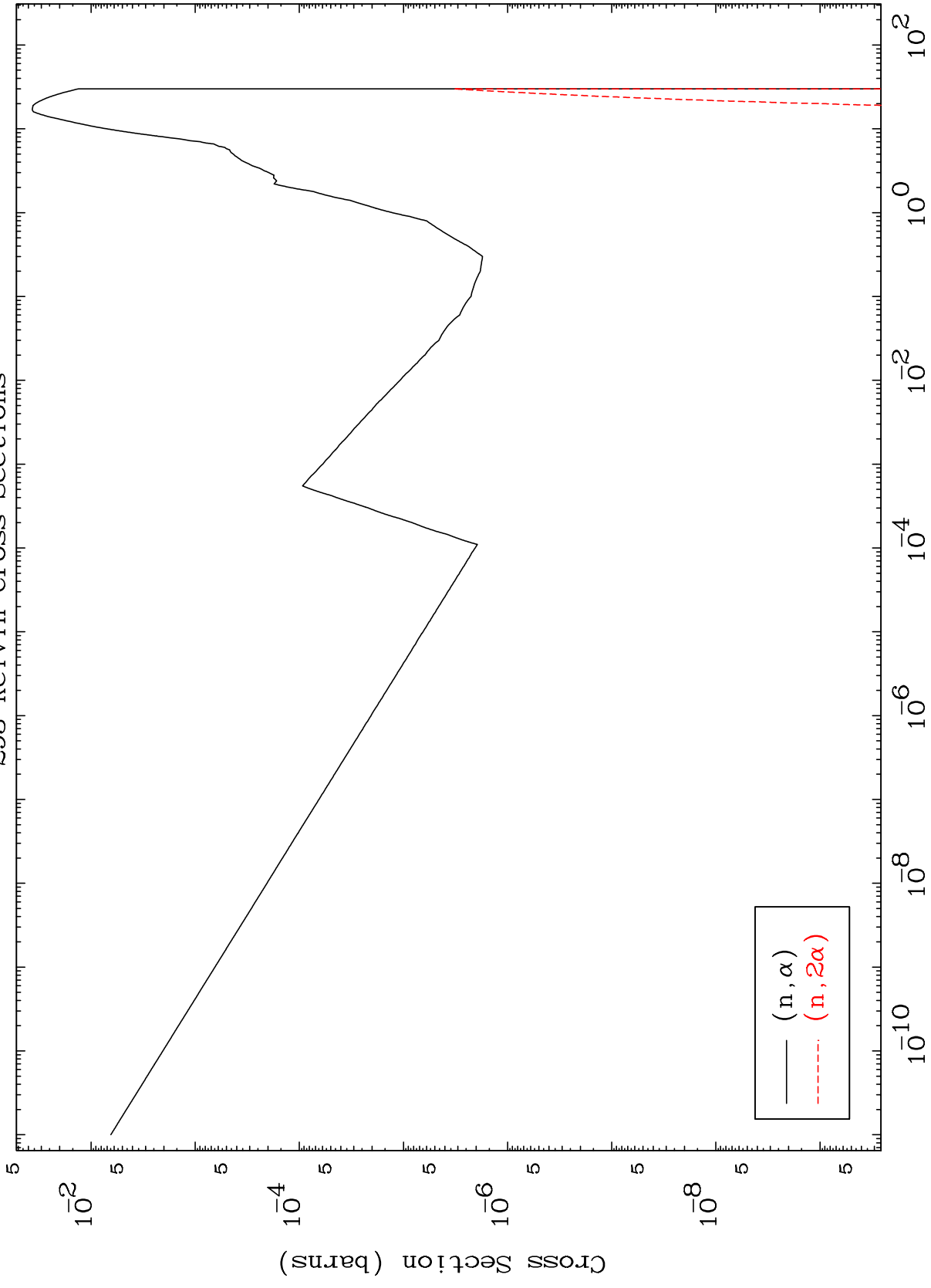
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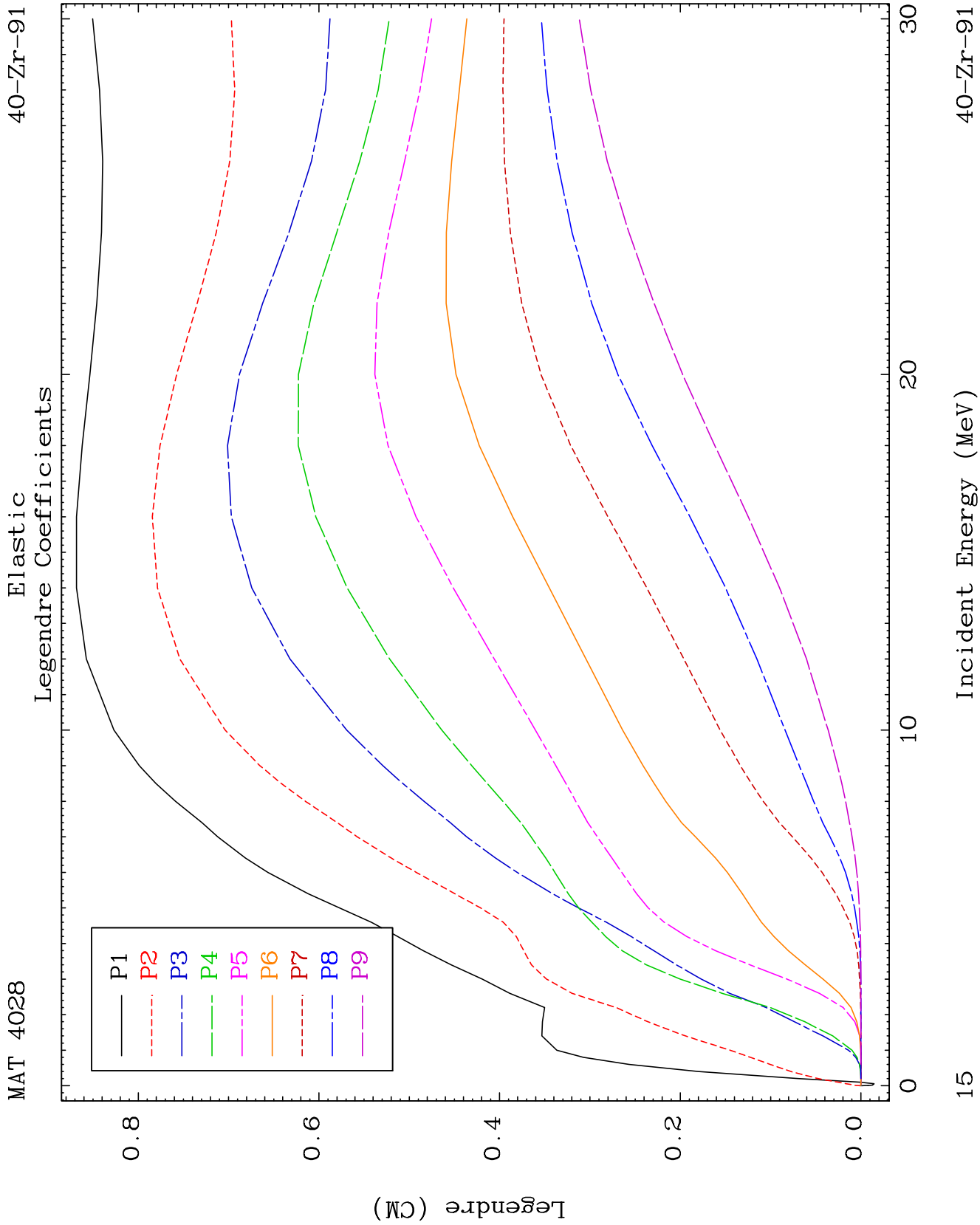
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MAT 4028

293 Kelvin Cross Sections
(n,α) Levels

40-Zr-91

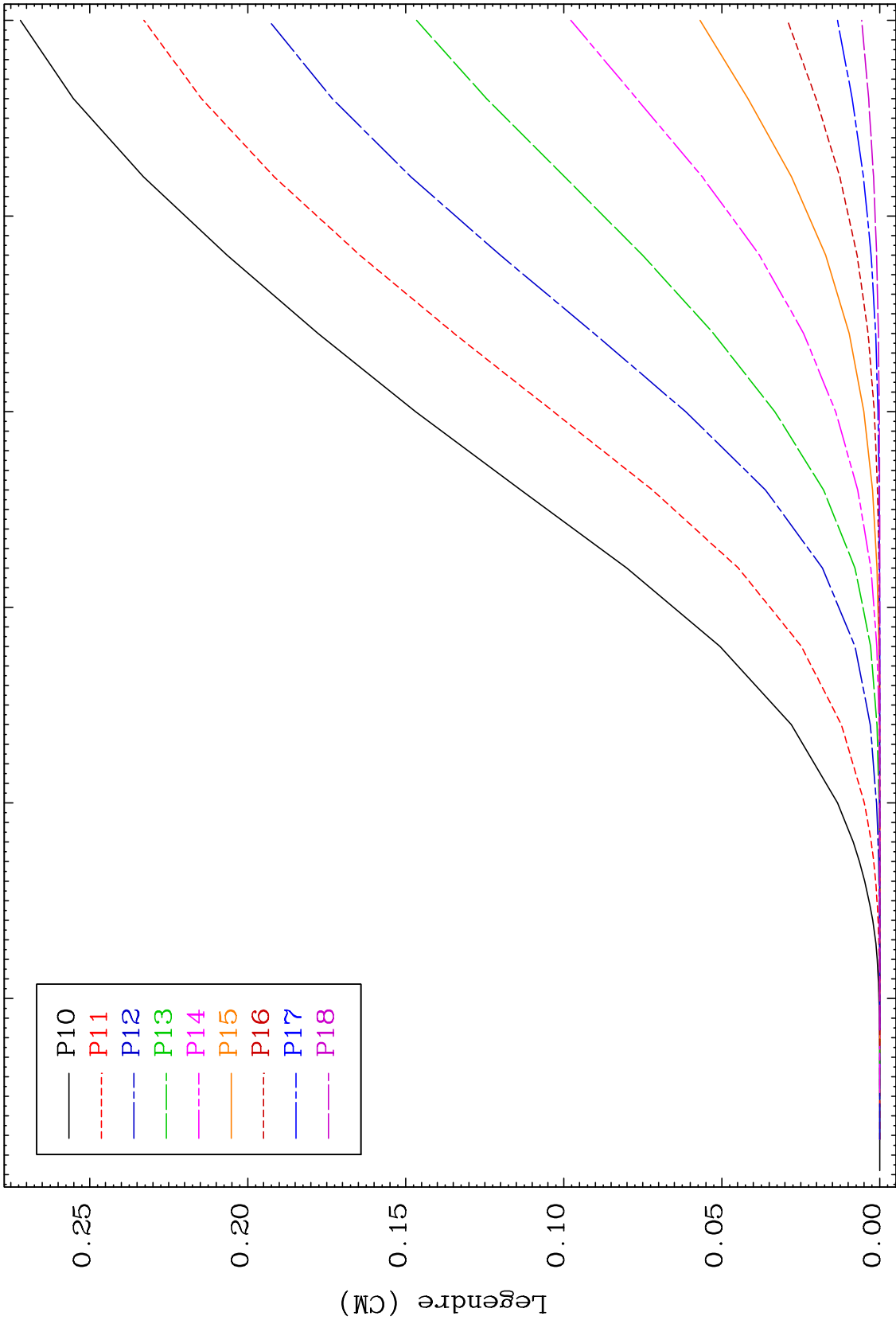




MAT 4028

Elastic Legendre Coefficients

40-Zr-91



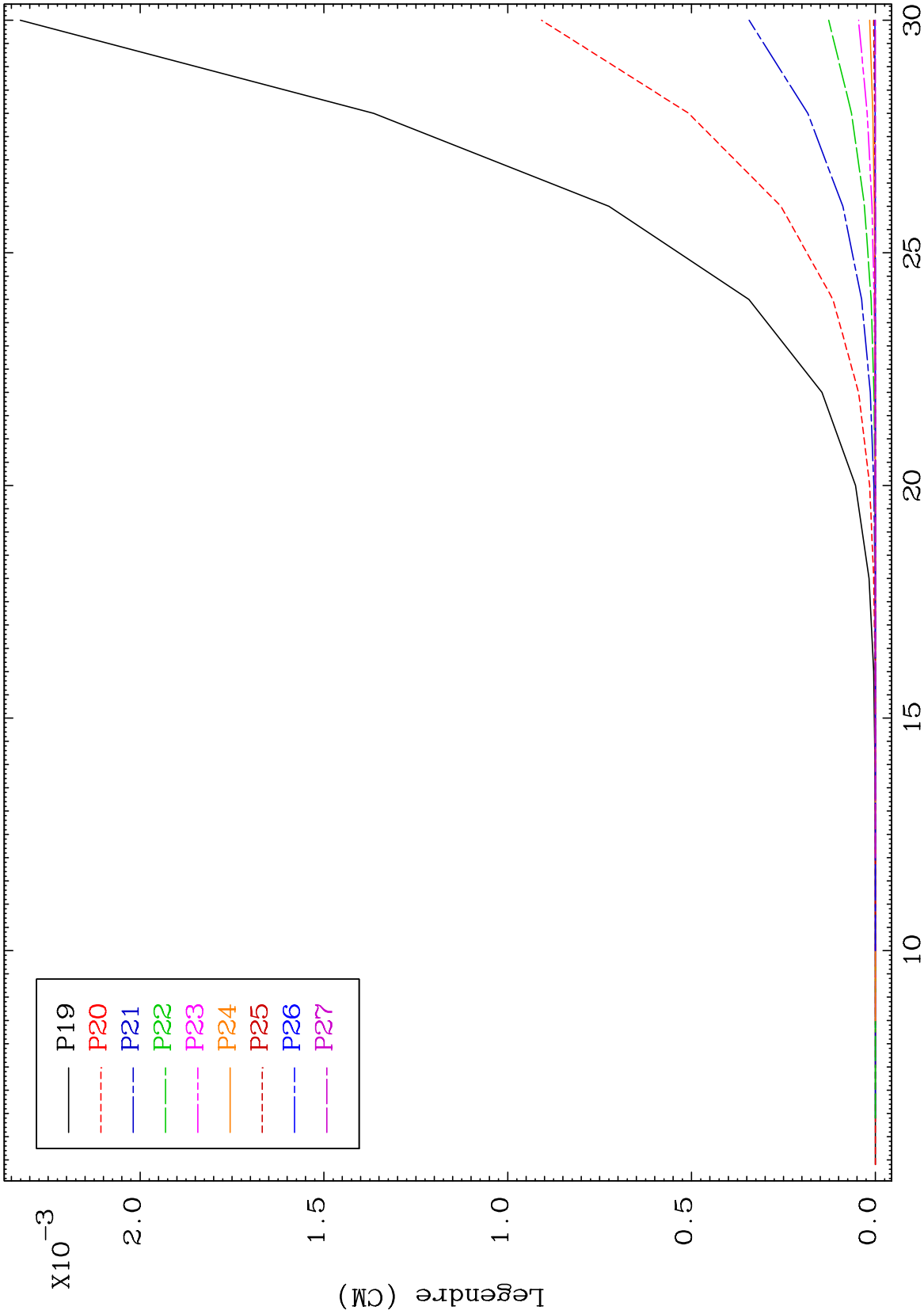
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40-Zr-91

MAT 4028

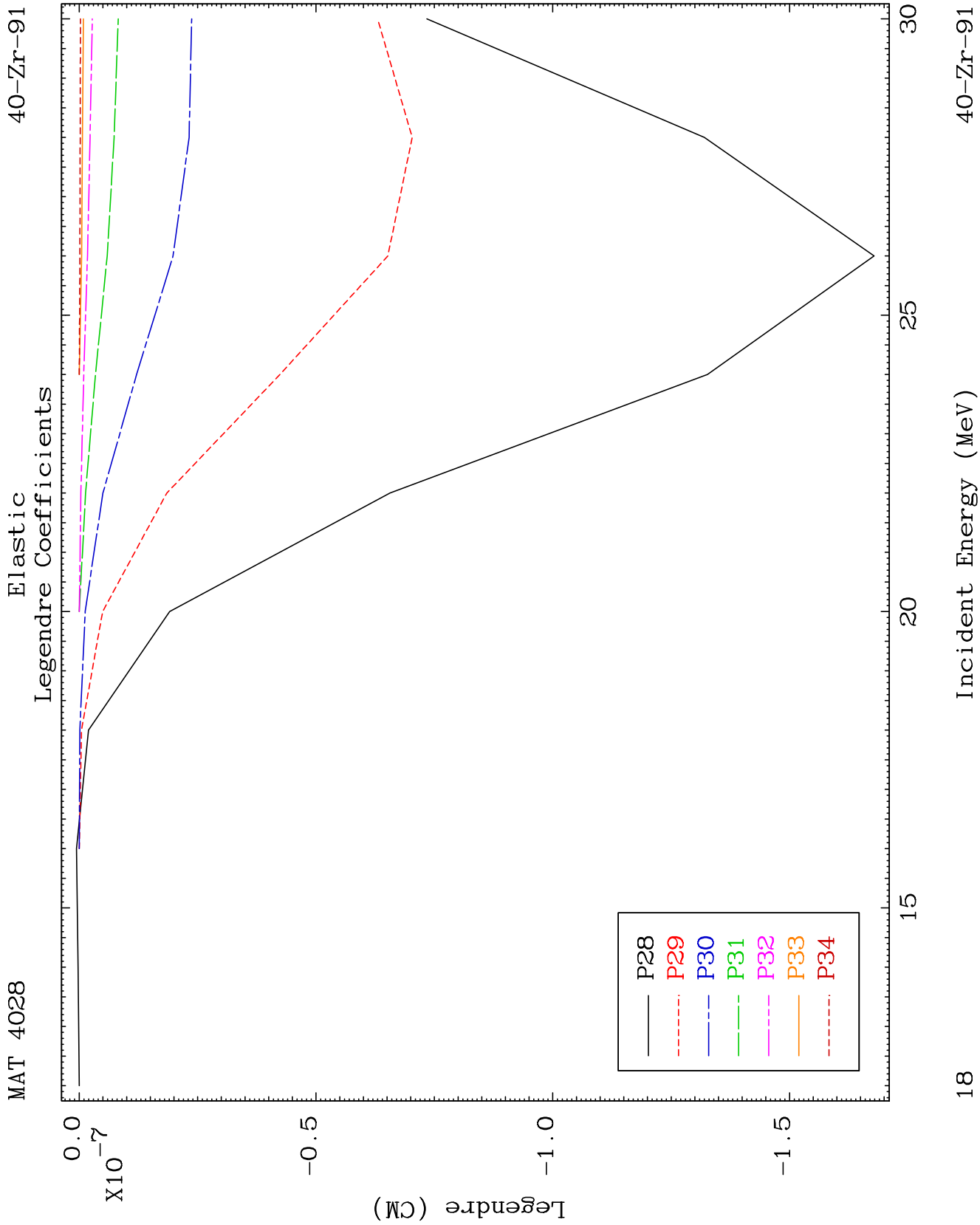
Elastic Legendre Coefficients

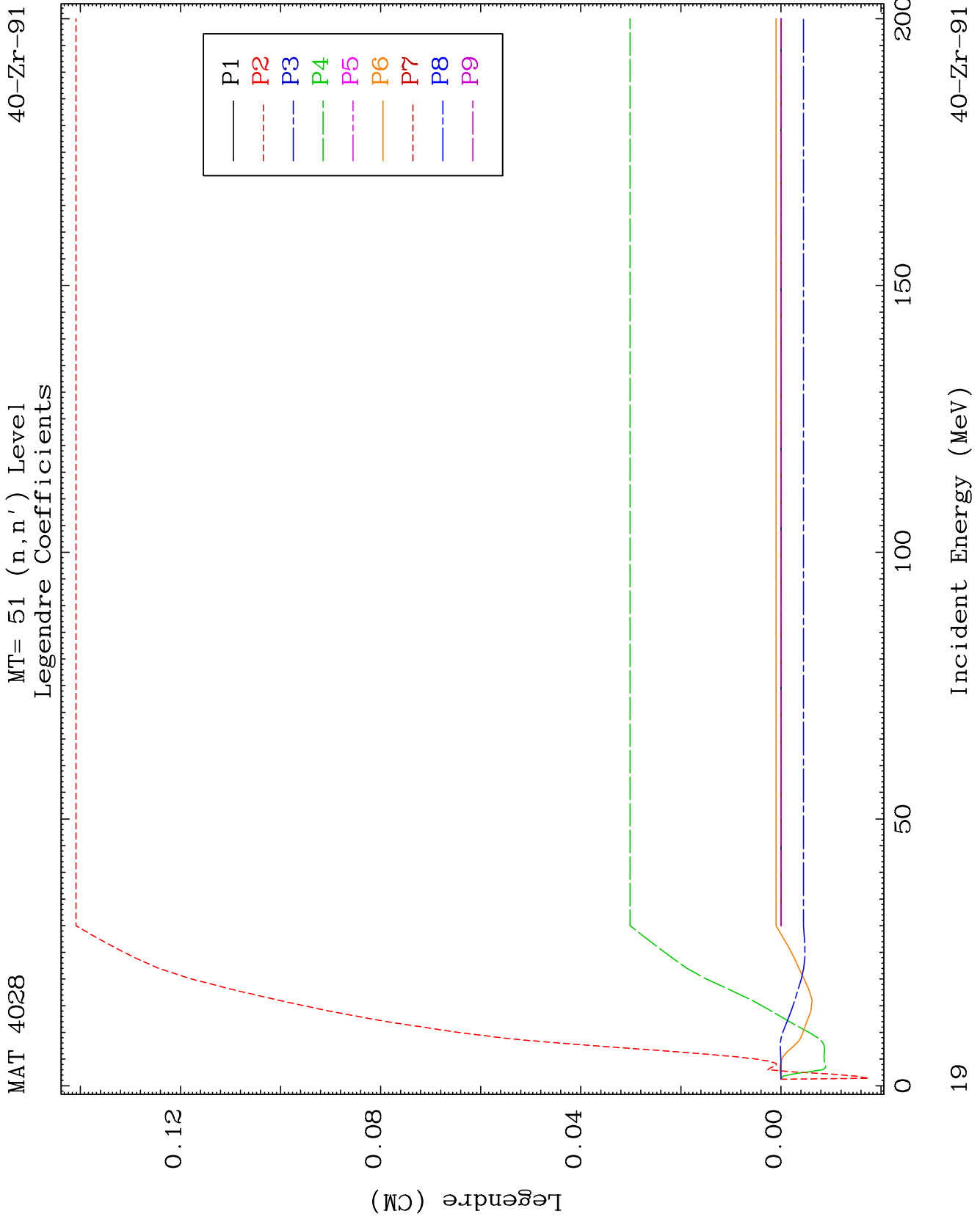
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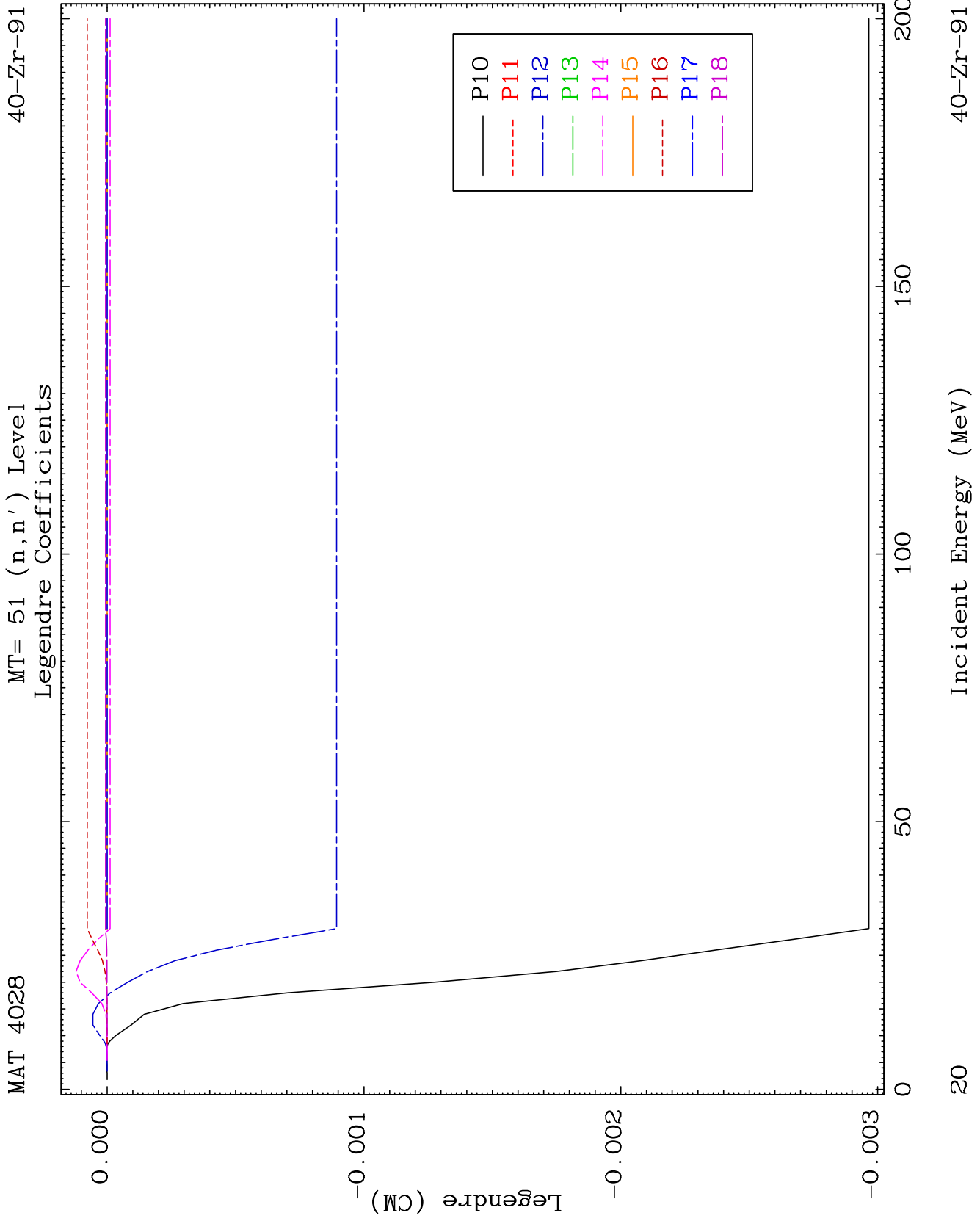


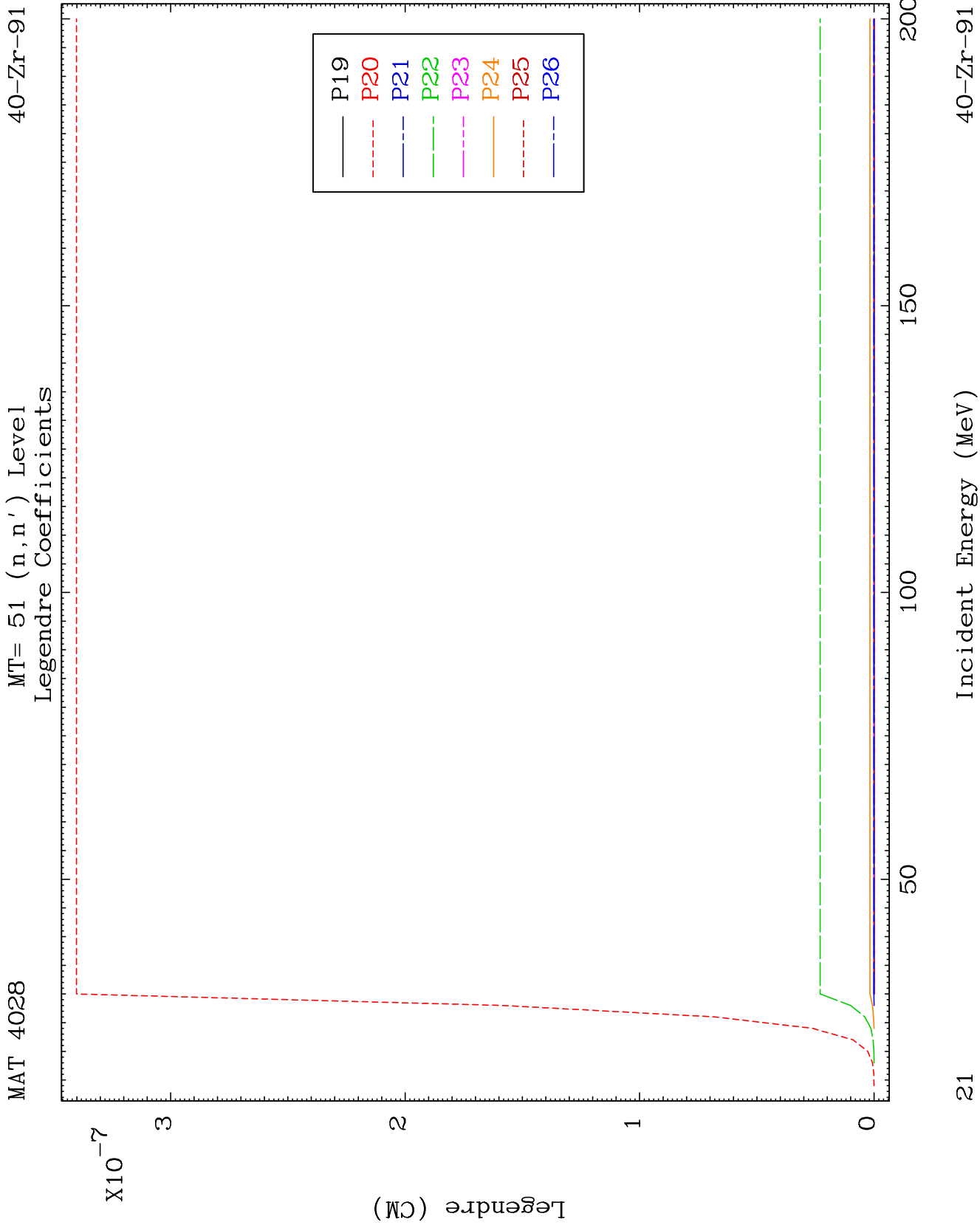
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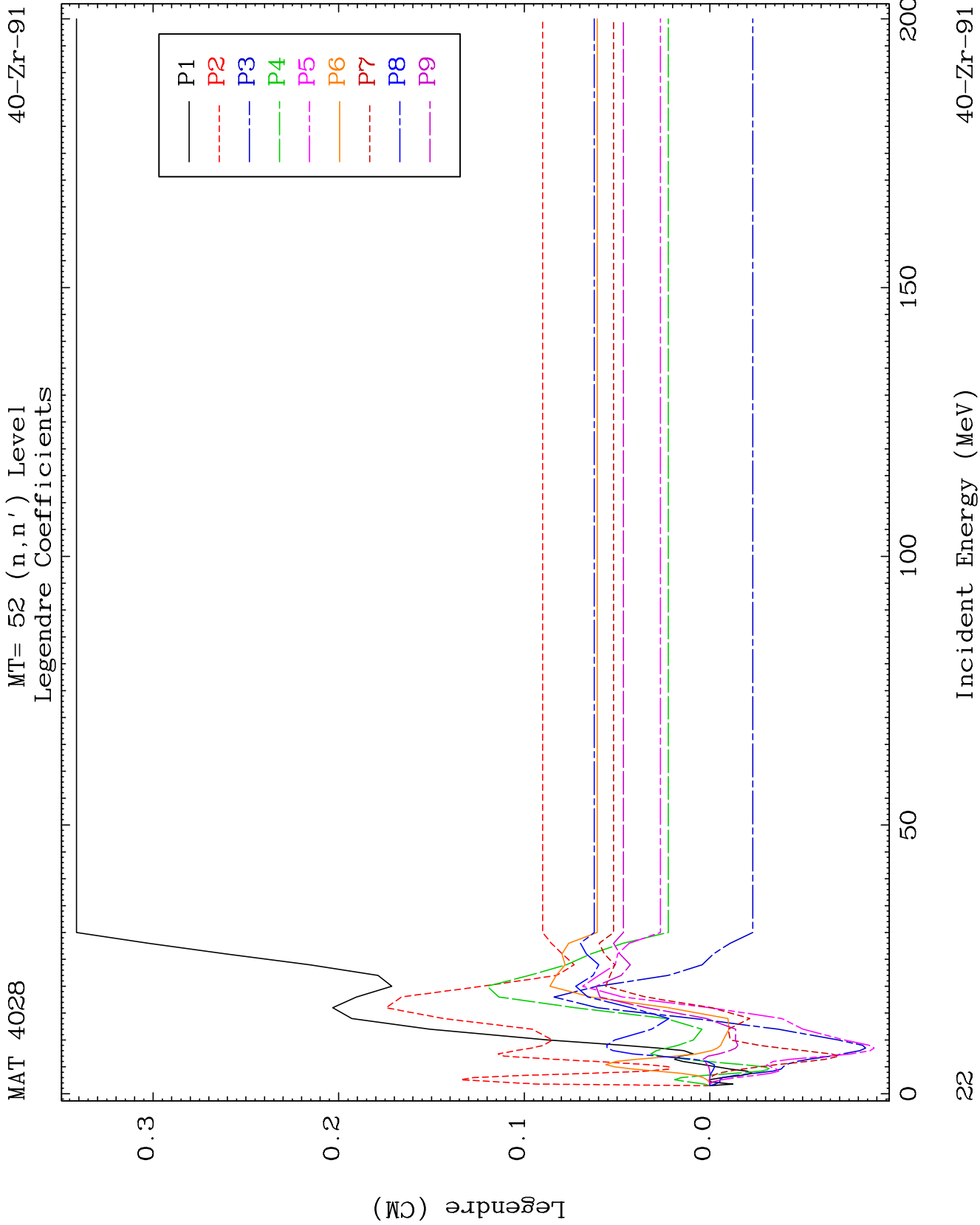
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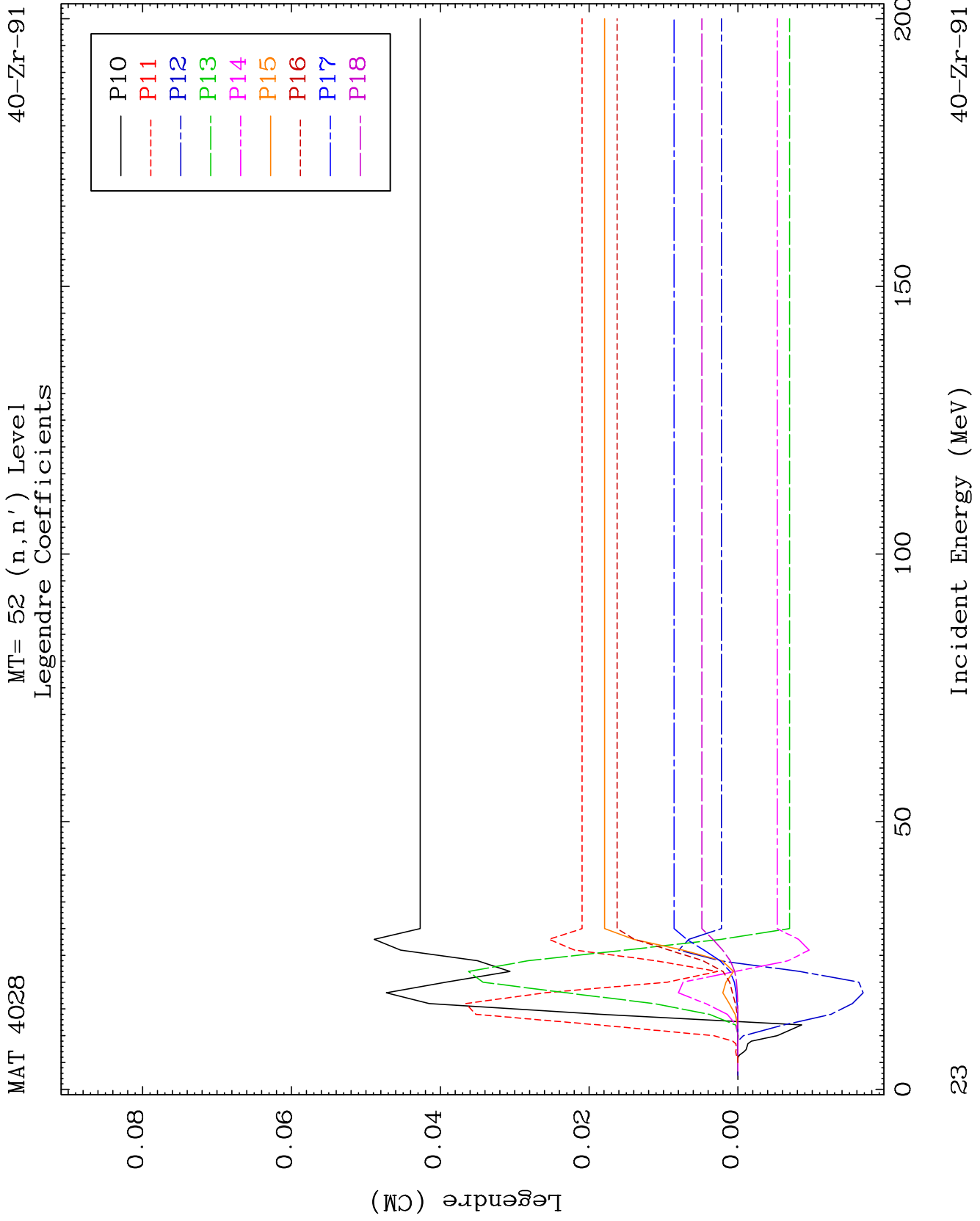




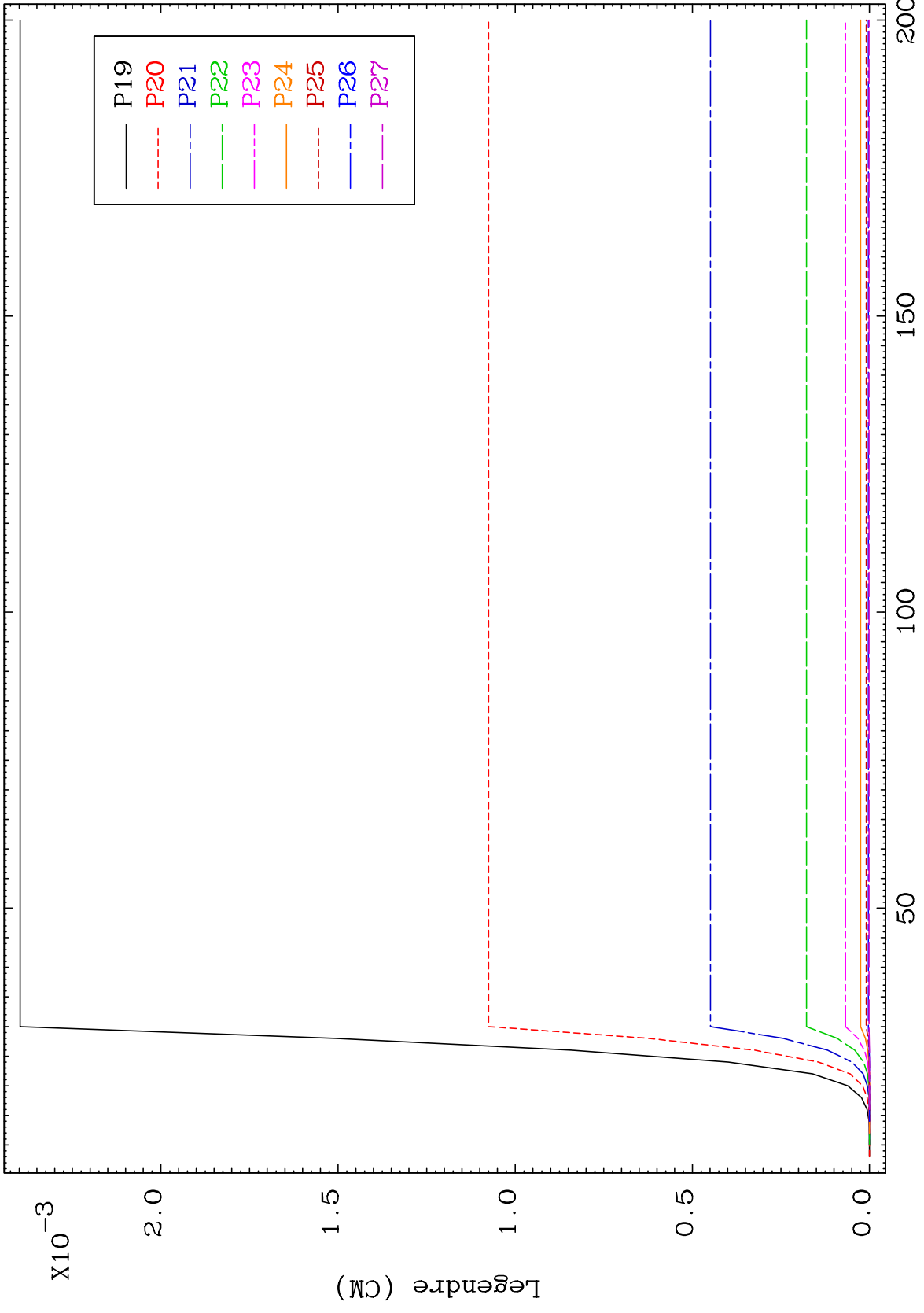




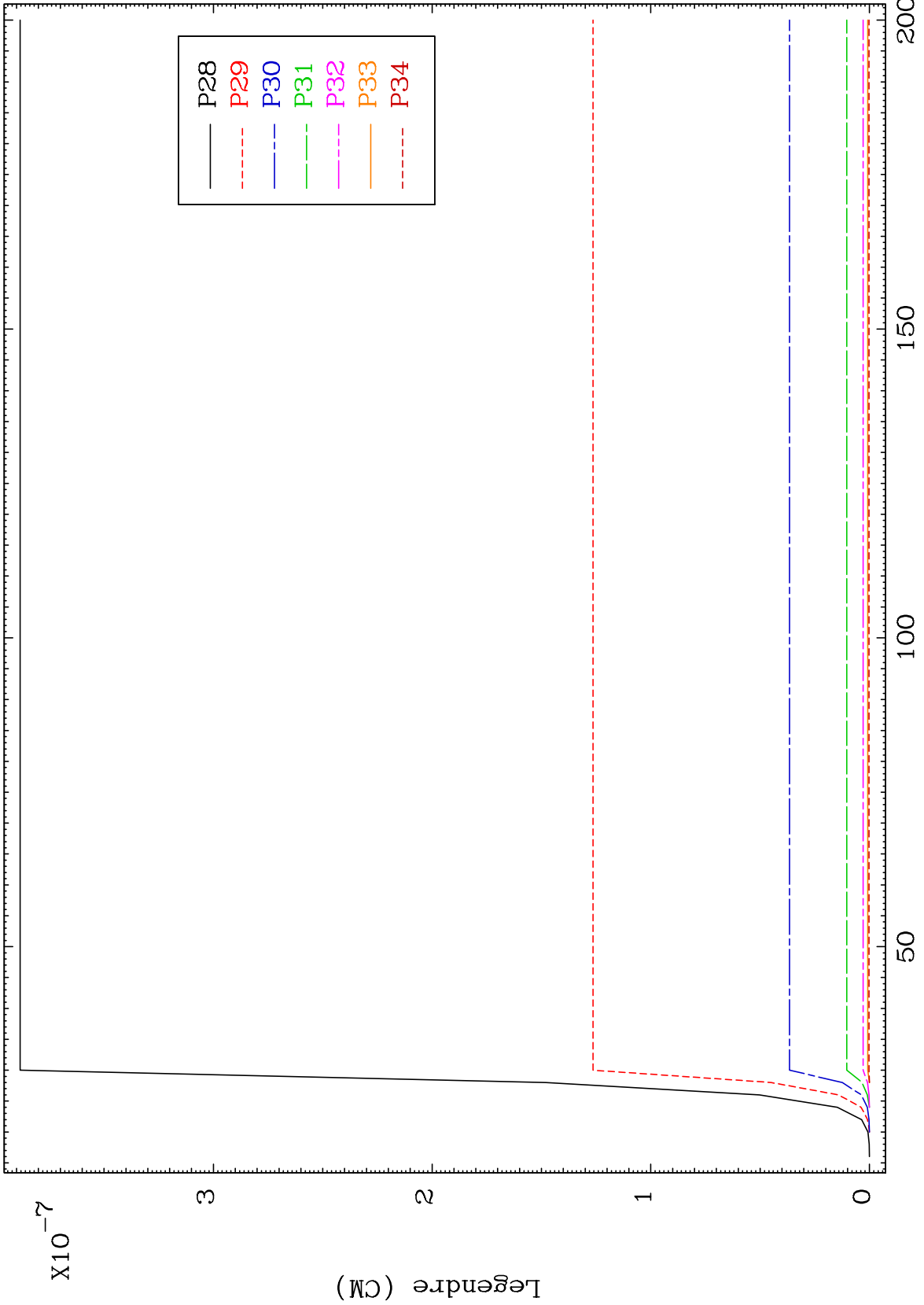




MAT 4028 MT= 52 (n,n') Level Legendre Coefficients 40-Zr-91



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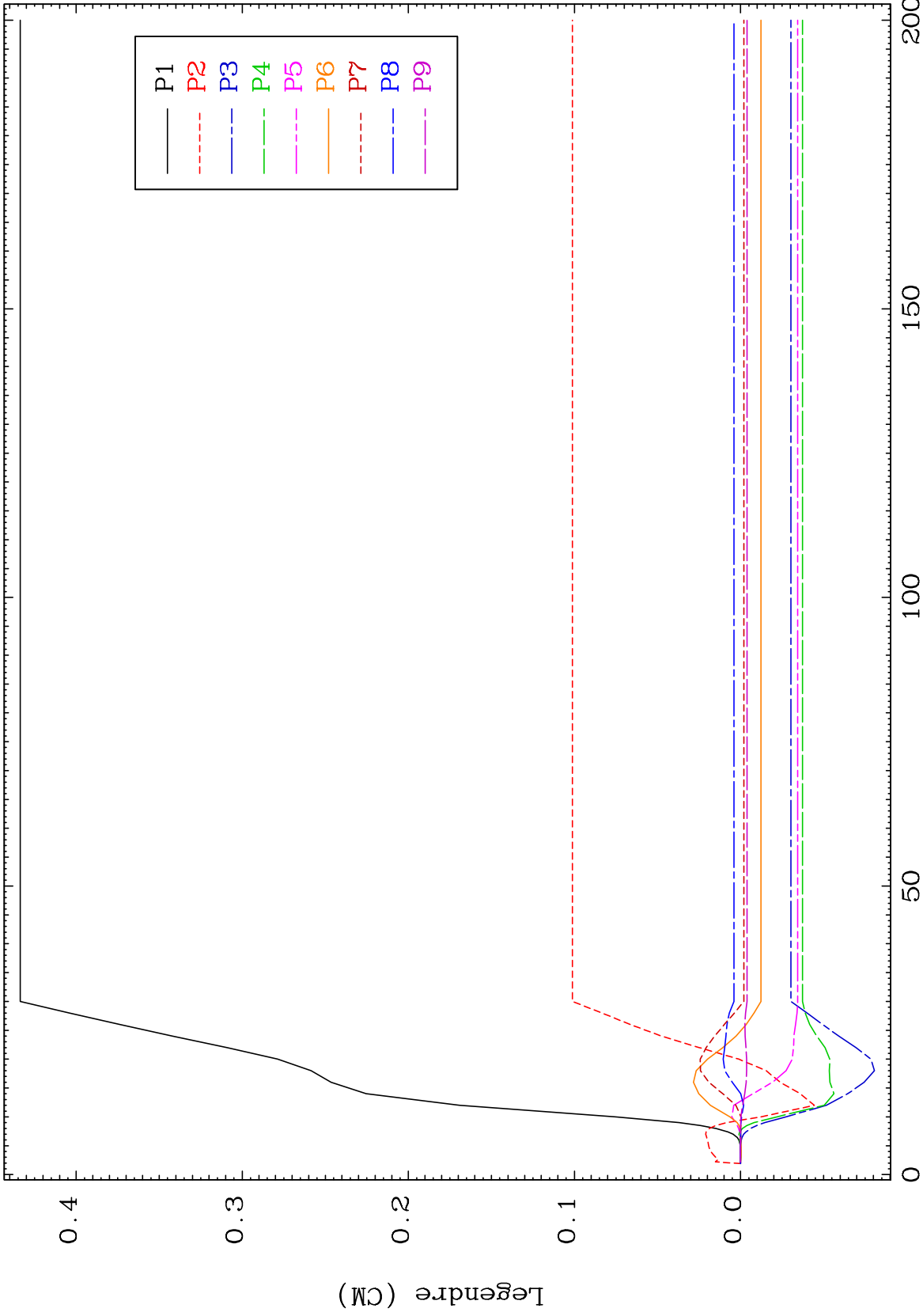


25 50 100 150 200 40-Zr-91

MAT 4028

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

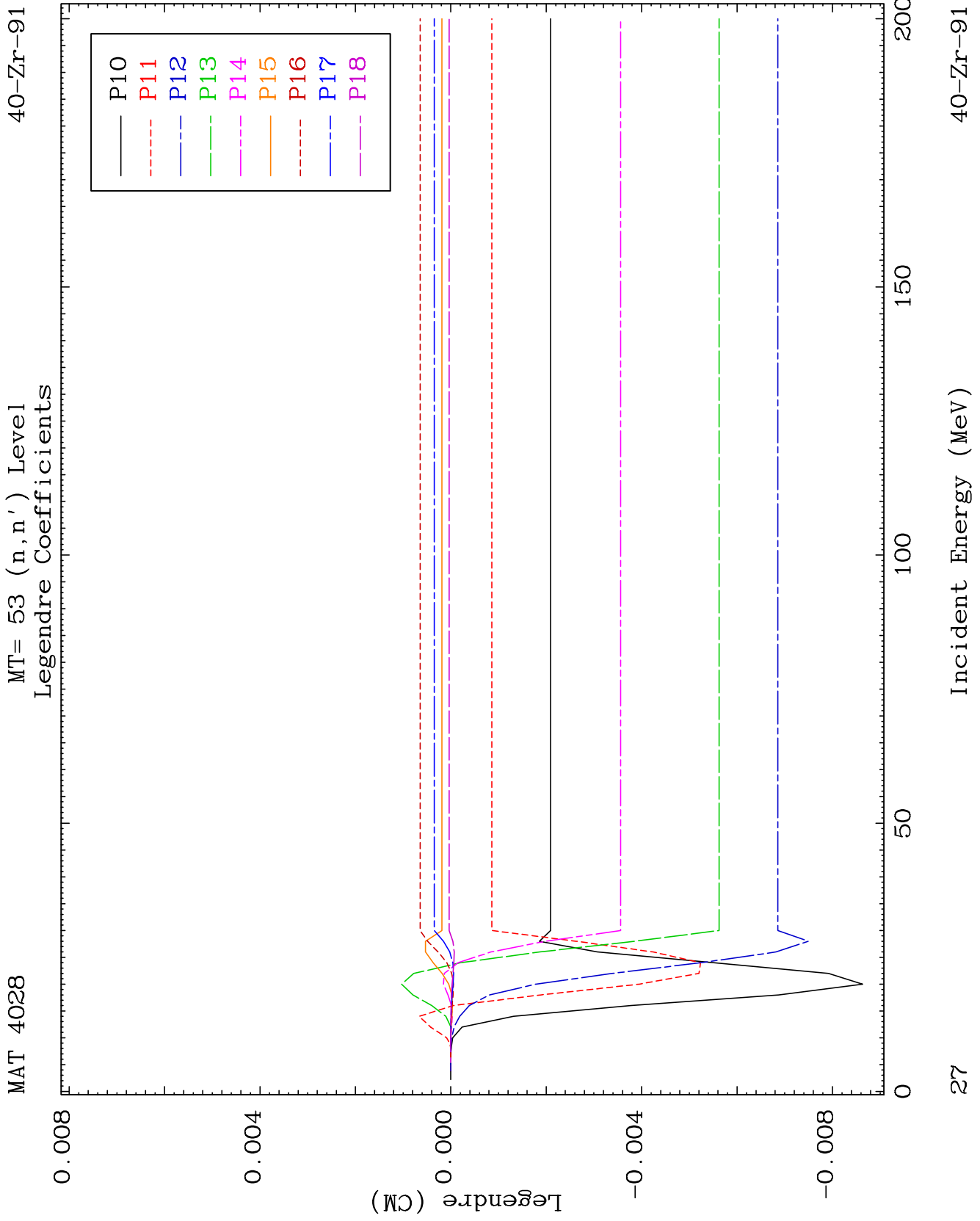
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26

Incident Energy (MeV)

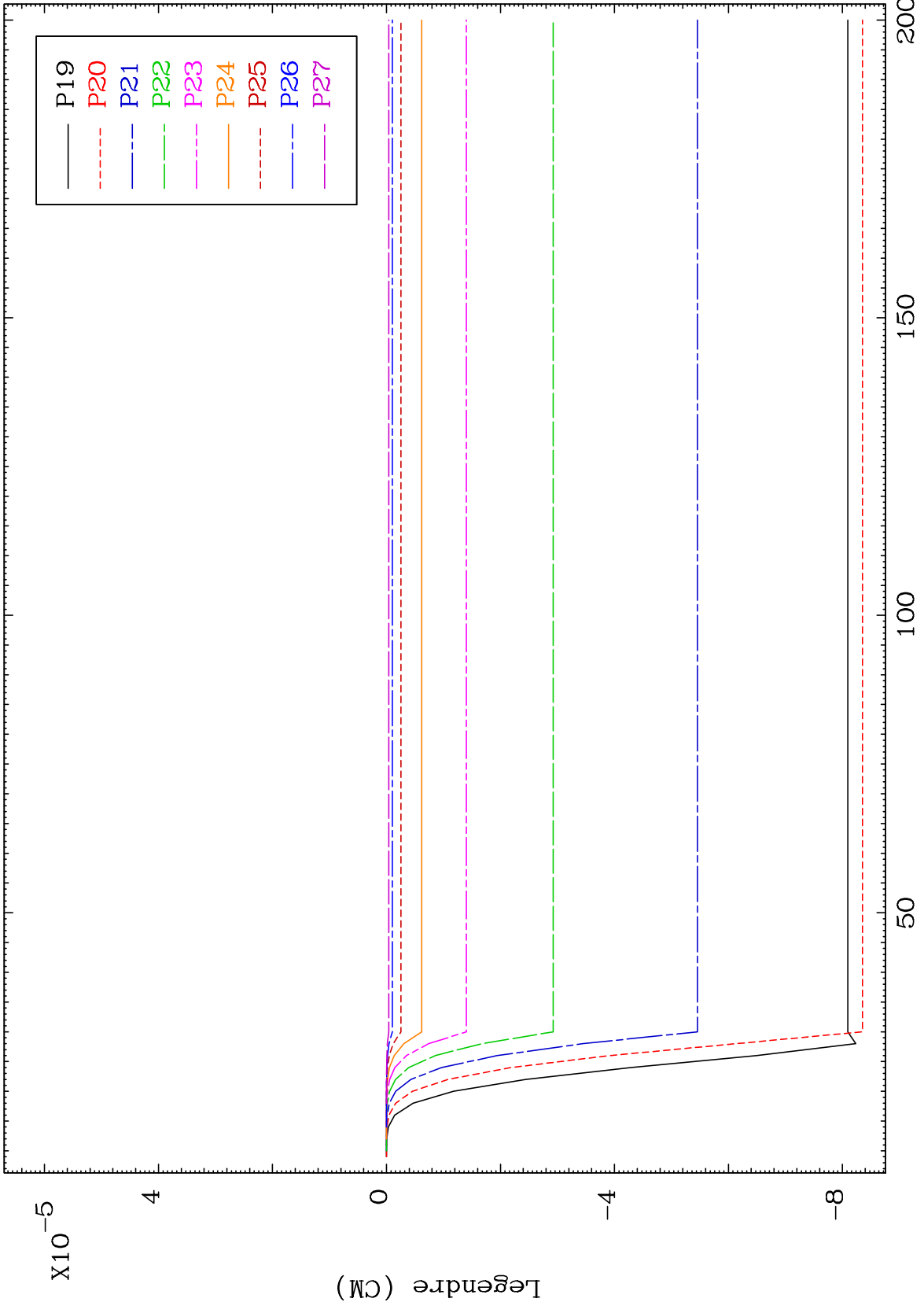
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MAT 4028

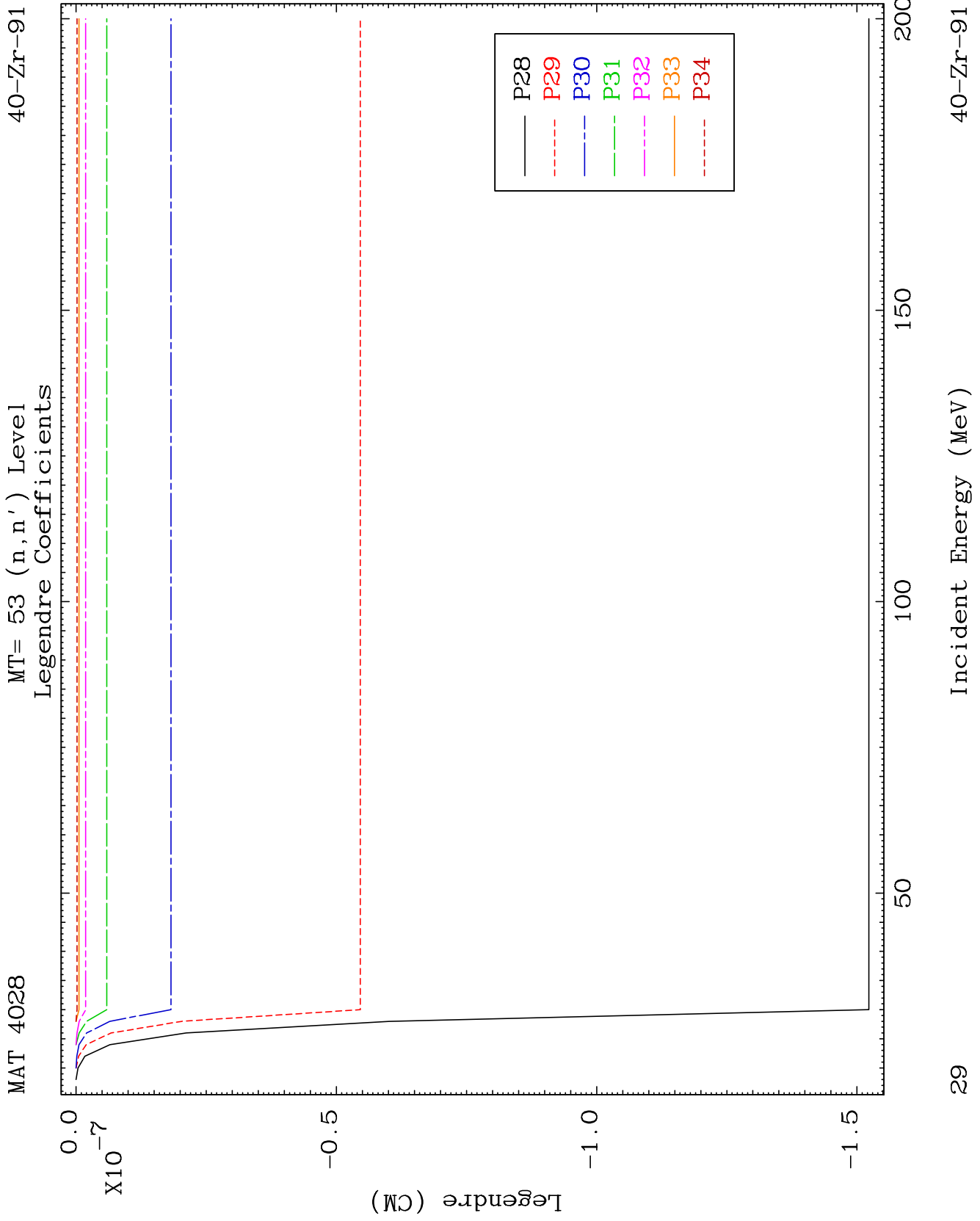
MT= 53 (n,n') Level
Legendre Coefficients

40-Zr-91



28

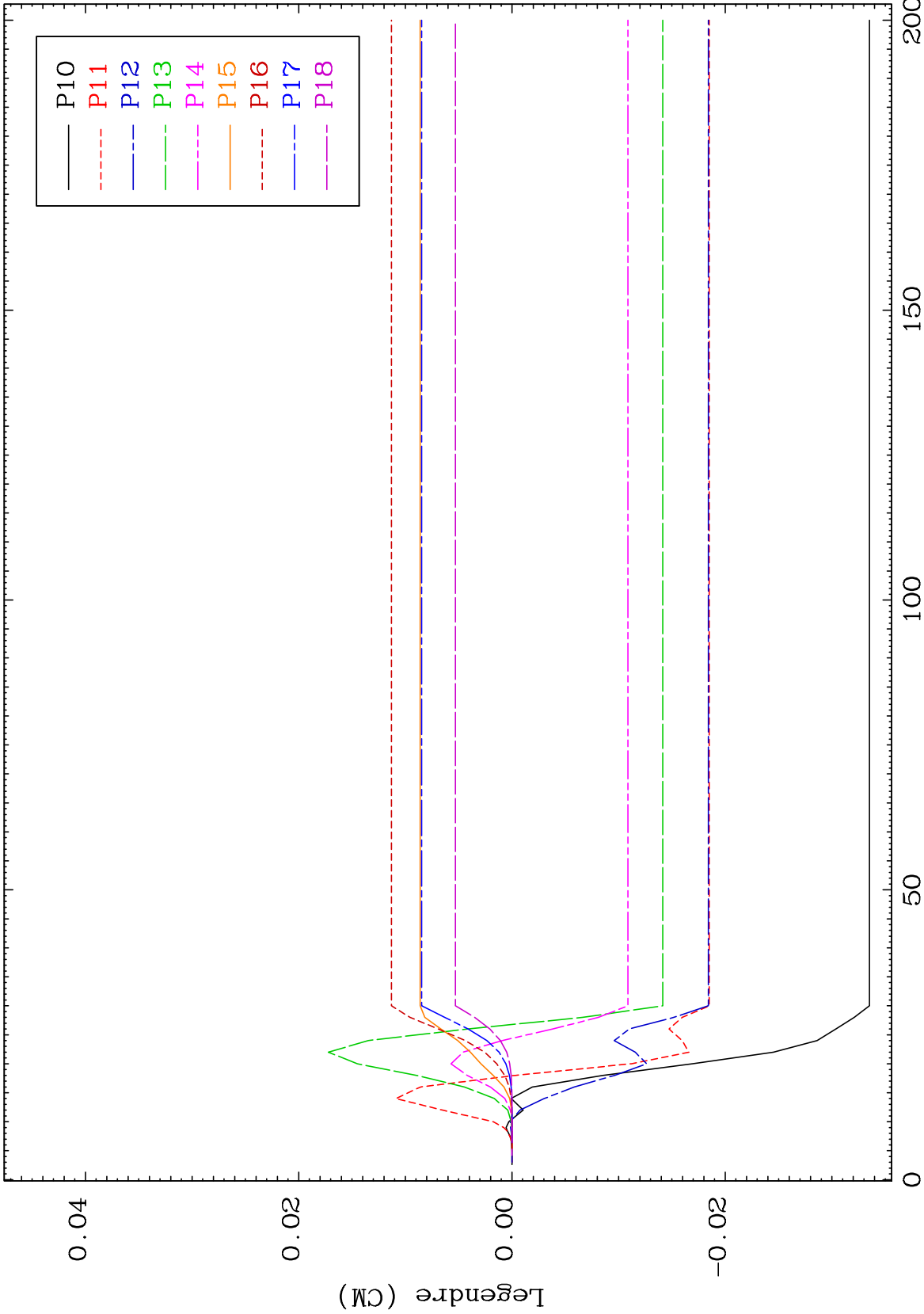
40-Zr-91



MAT 4028

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

40-Zr-91

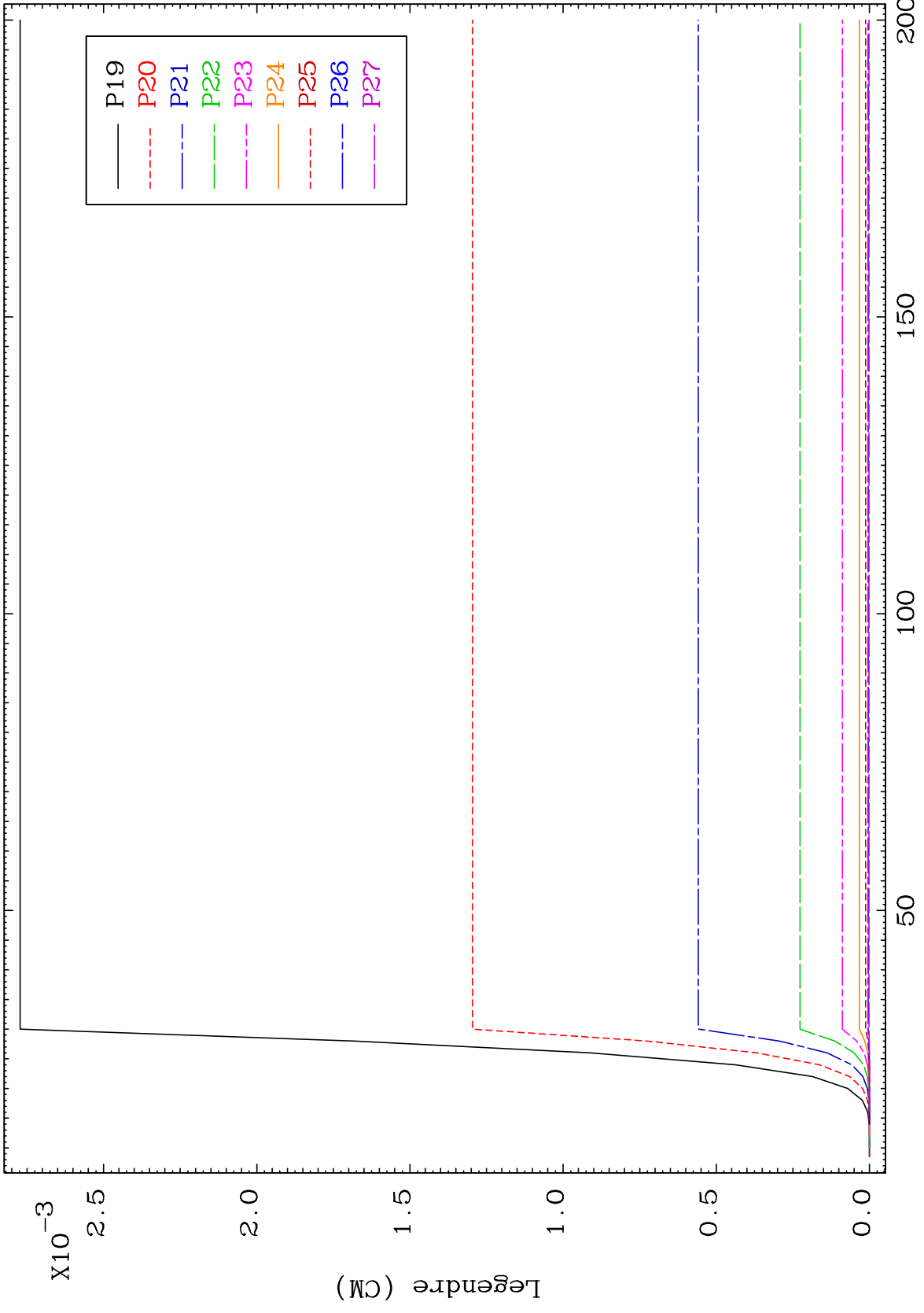


31

Incident Energy (MeV)

40-Zr-91

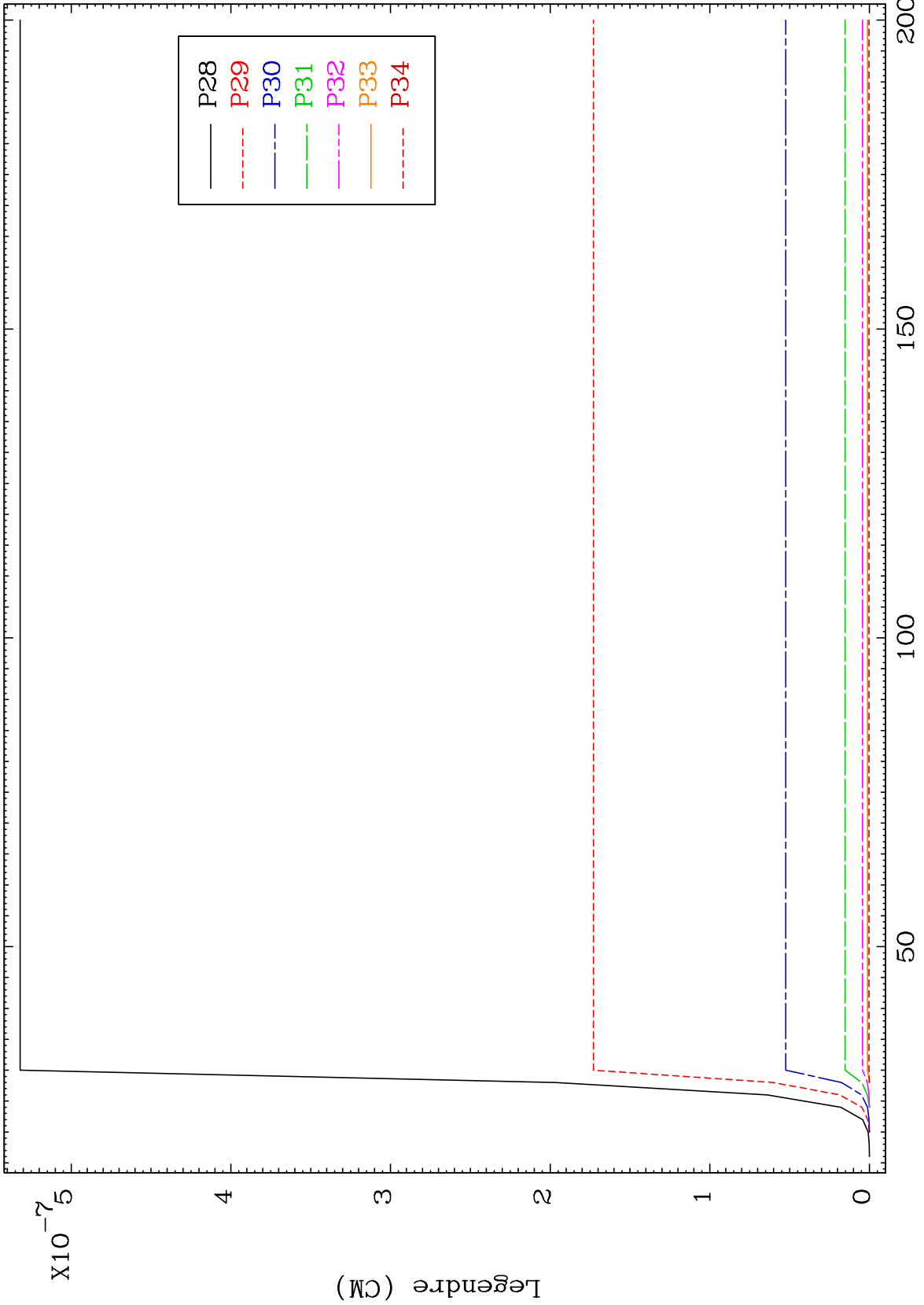
MAT 4028 MT= 54 (n,n') Level Legendre Coefficients 40-Zr-91



MAT 4028

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

40-Zr-91



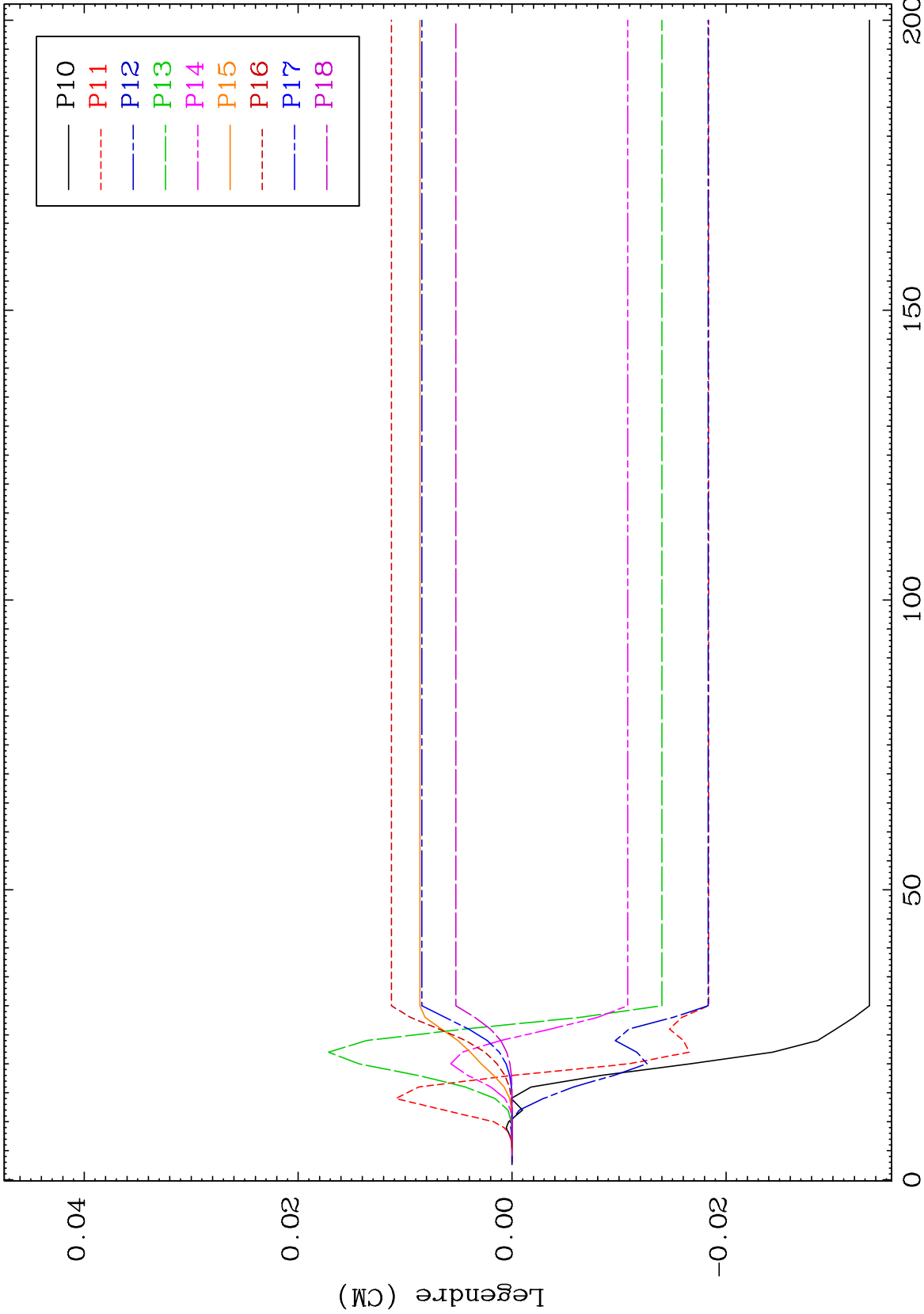
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40-Zr-91

MAT 4028

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

40-Zr-91



35

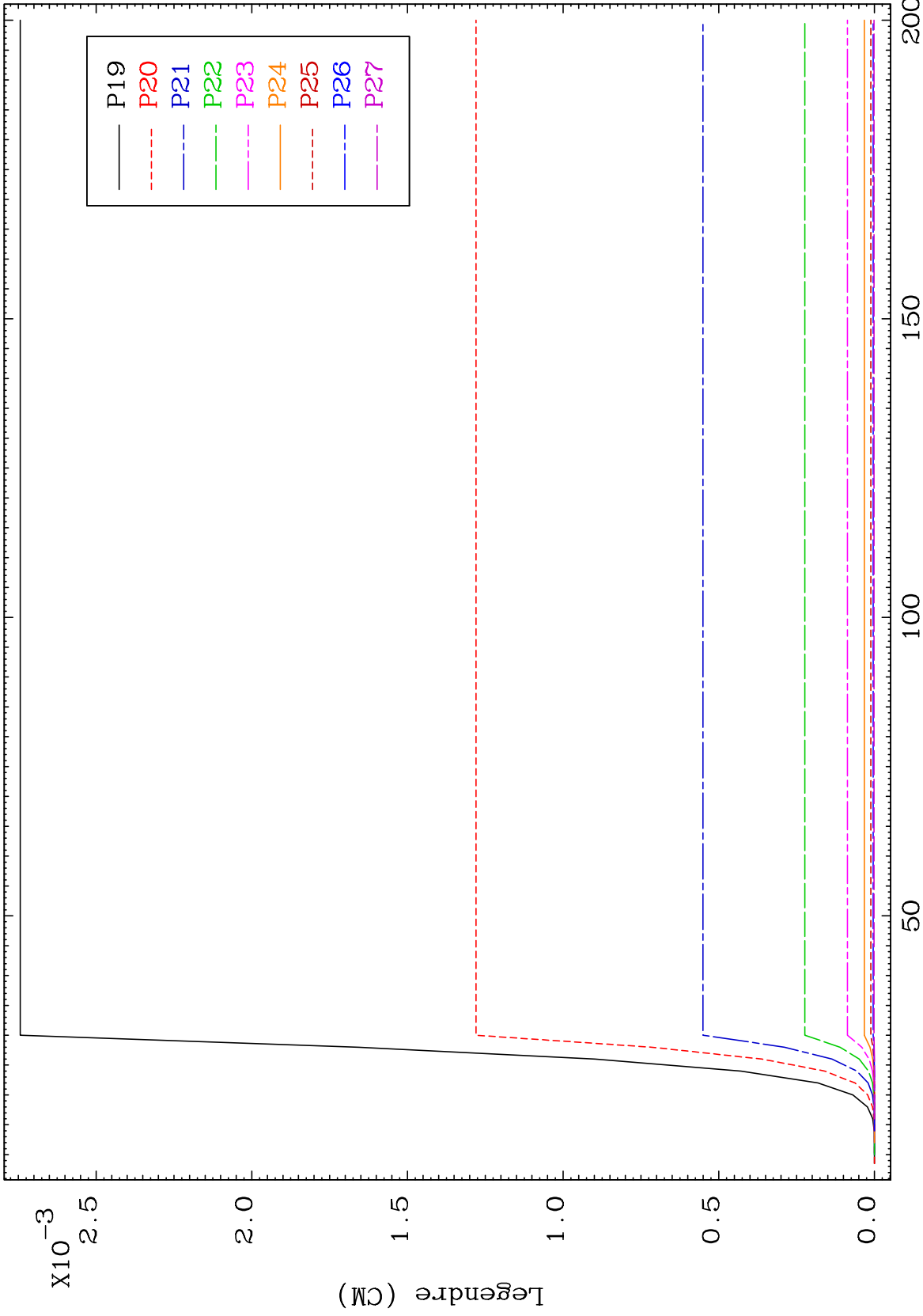
Incident Energy (MeV)

40-Zr-91

MAT 4028

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

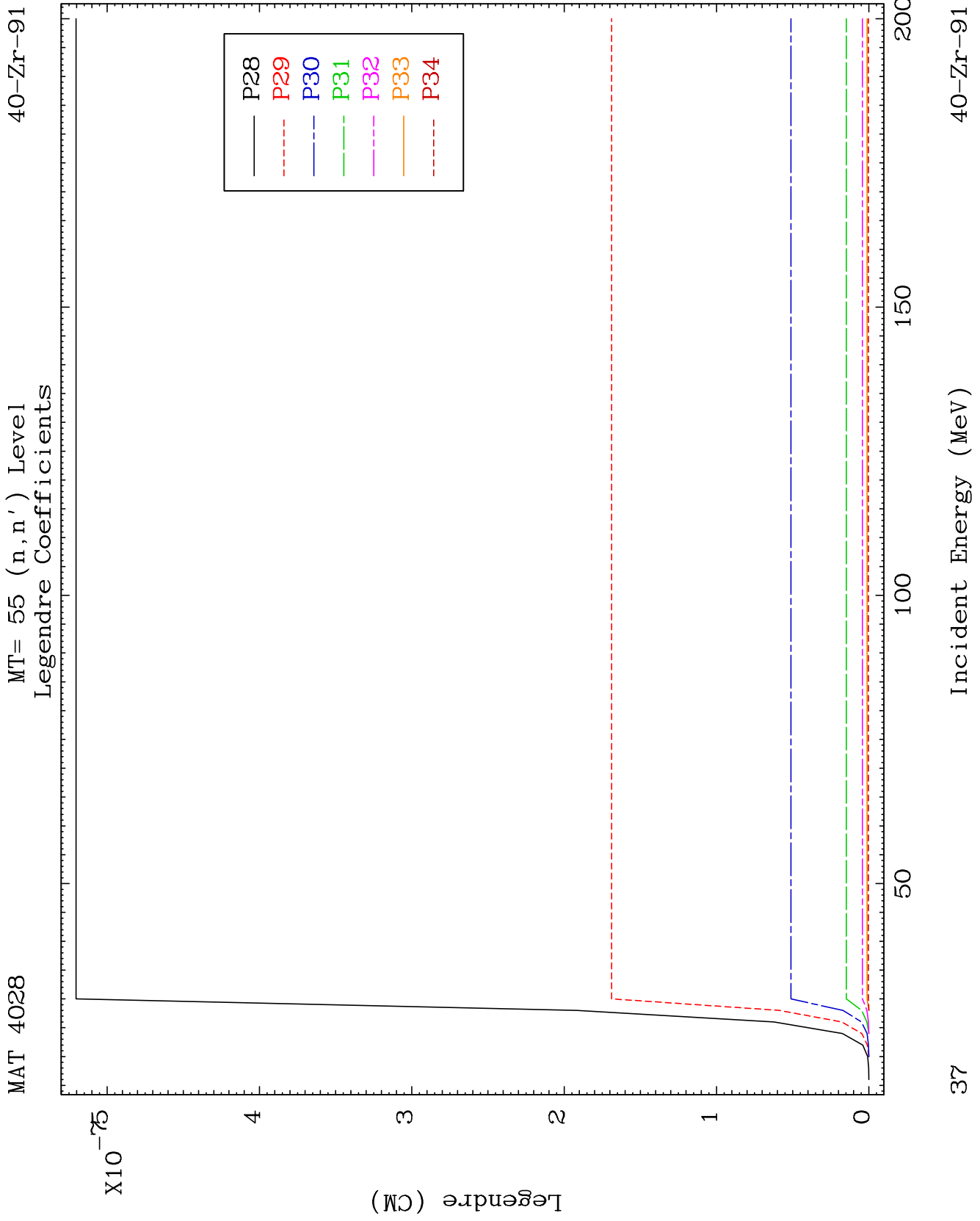
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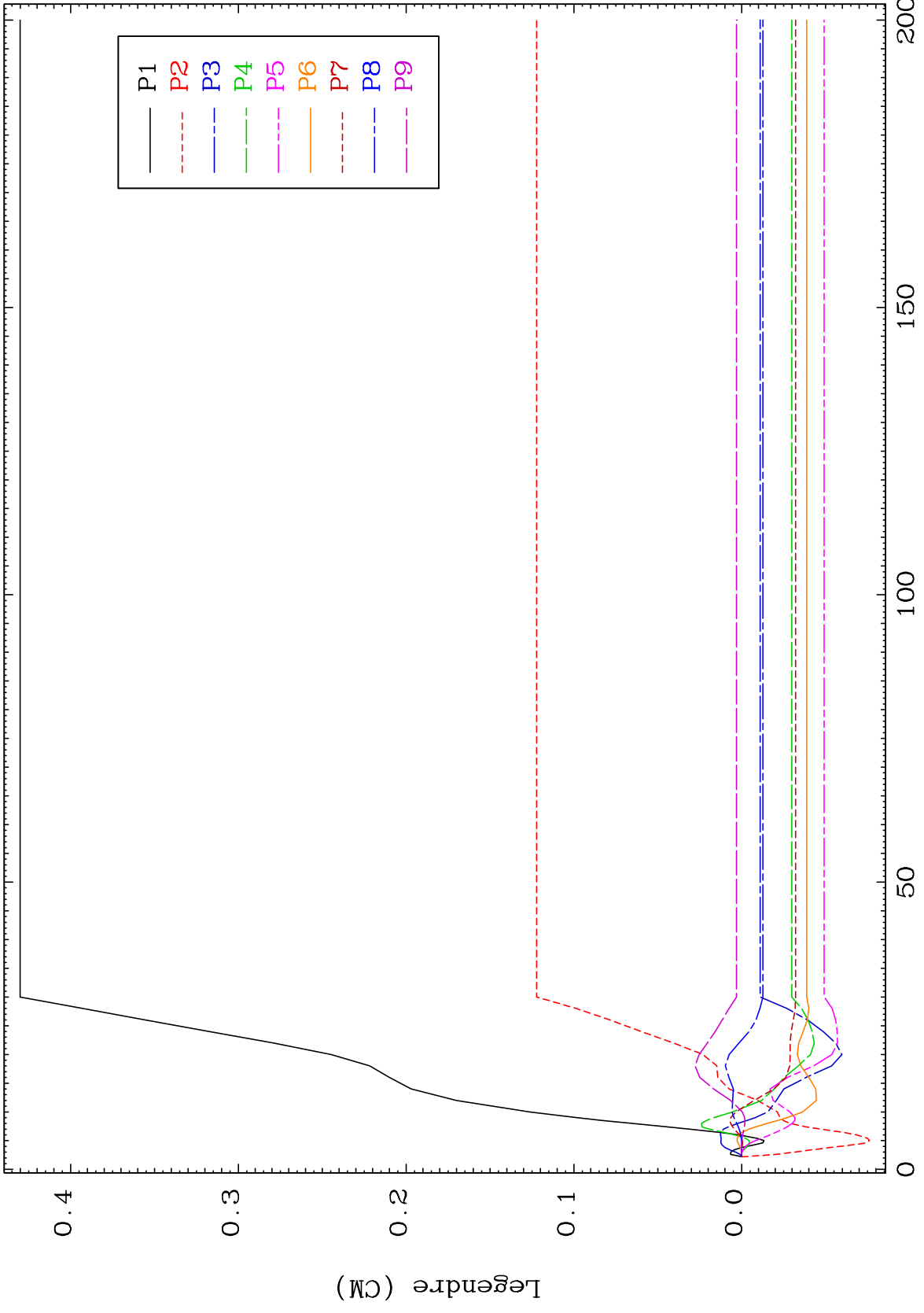
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Incident Energy (MeV)

40-Zr-91



MAT 4028 MT= 56 (n,n') Level Legendre Coefficients 40-Zr-91

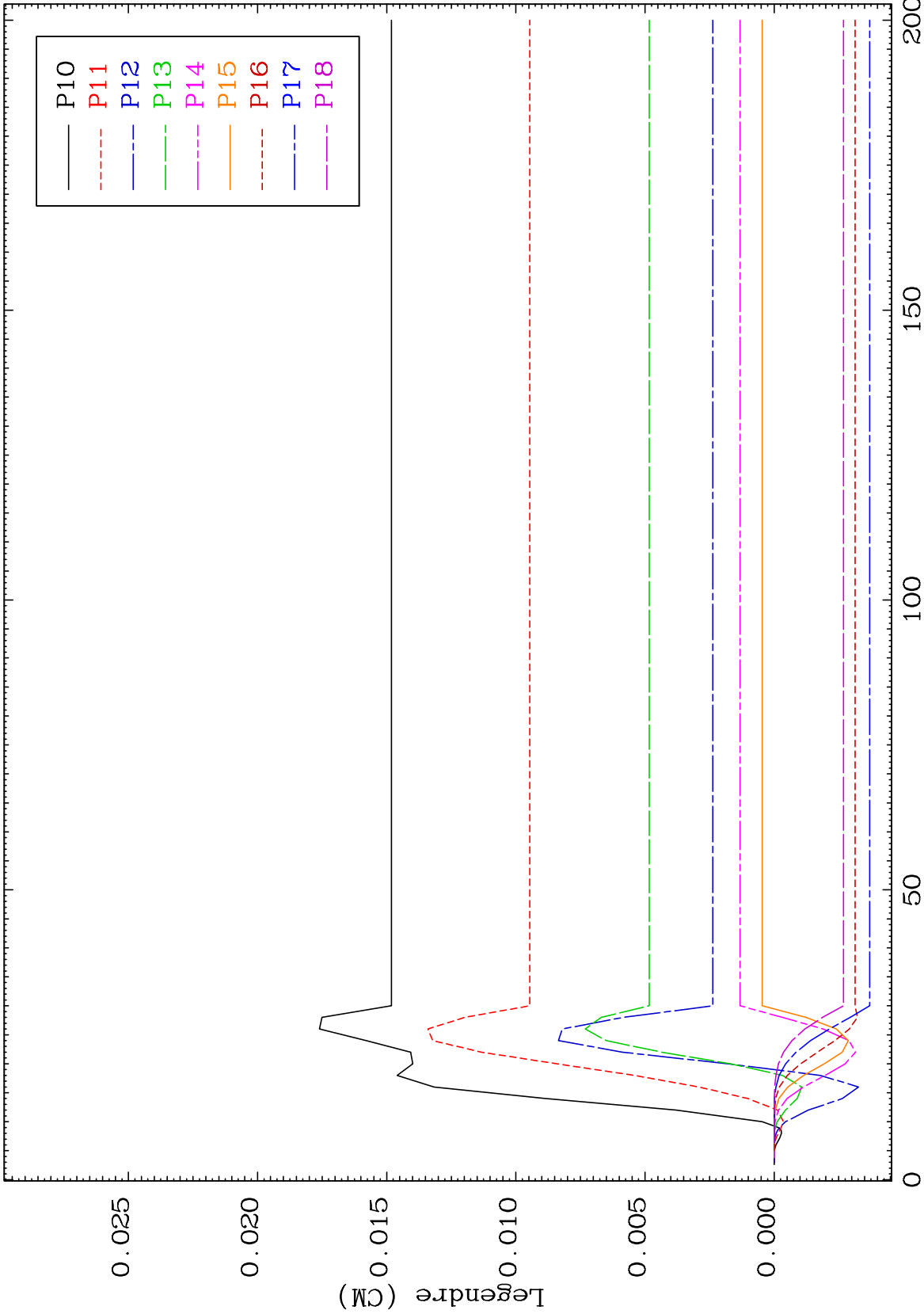


38 Incident Energy (MeV) 40-Zr-91

MAT 4028

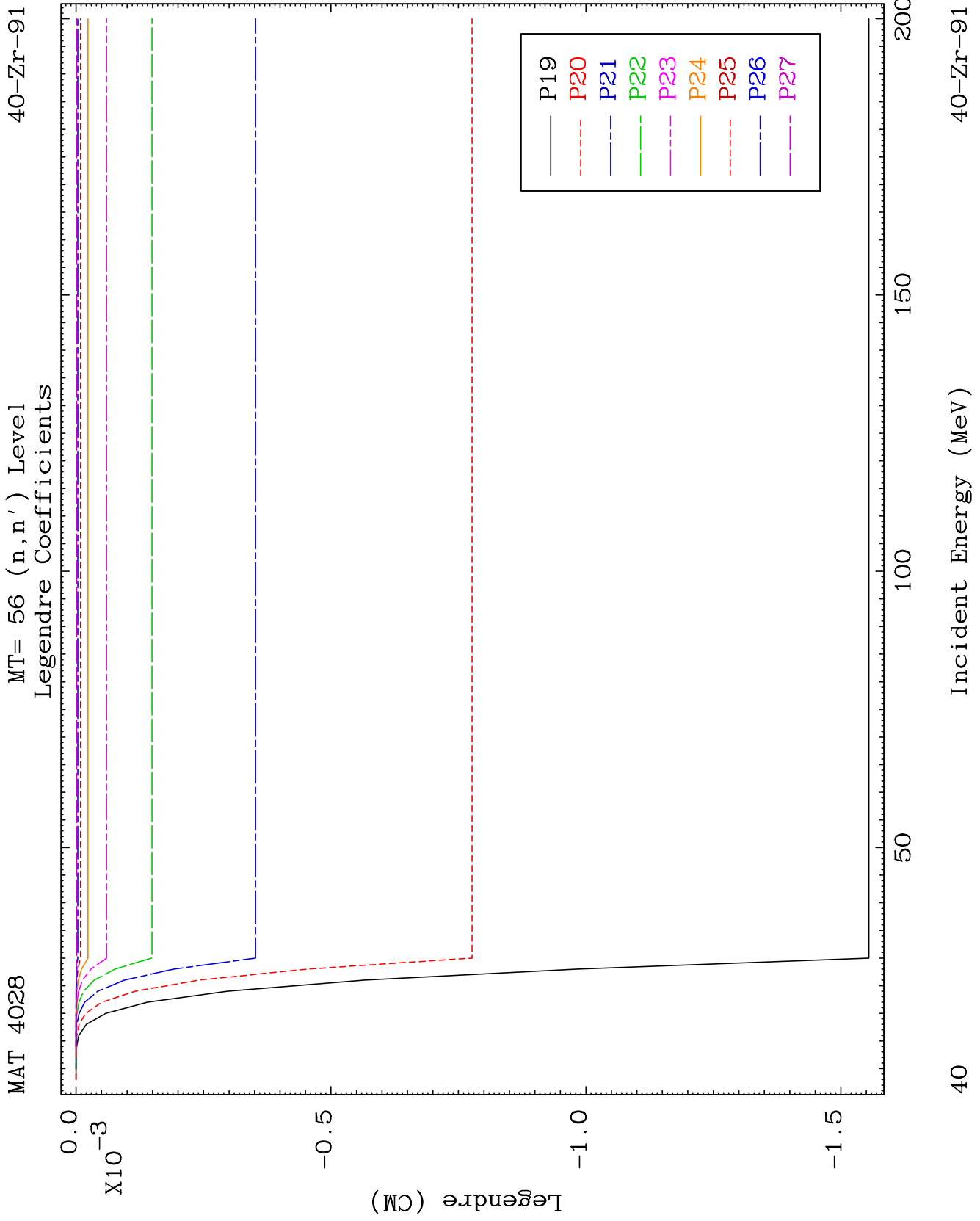
MT= 56 (n,n') Level
Legendre Coefficients

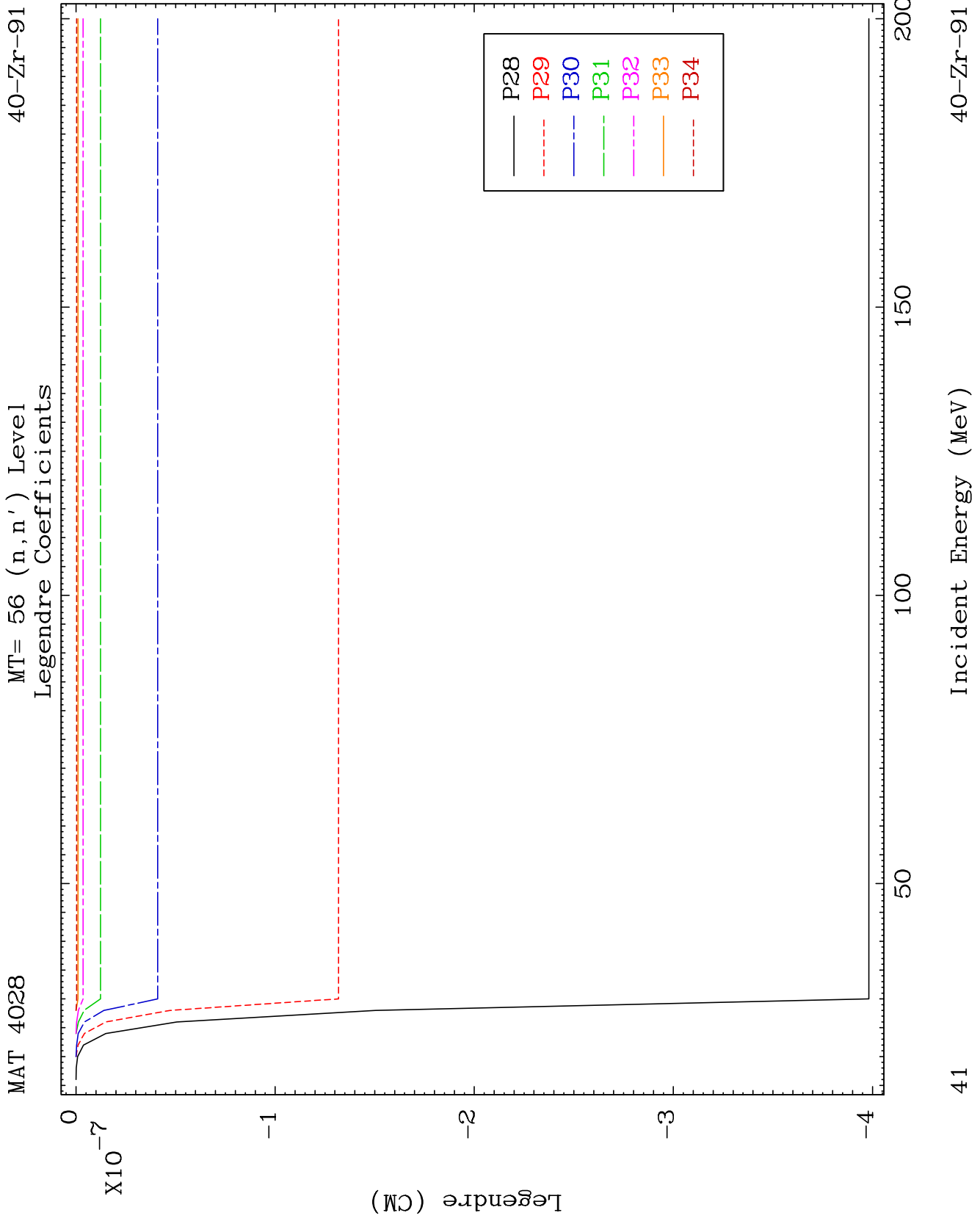
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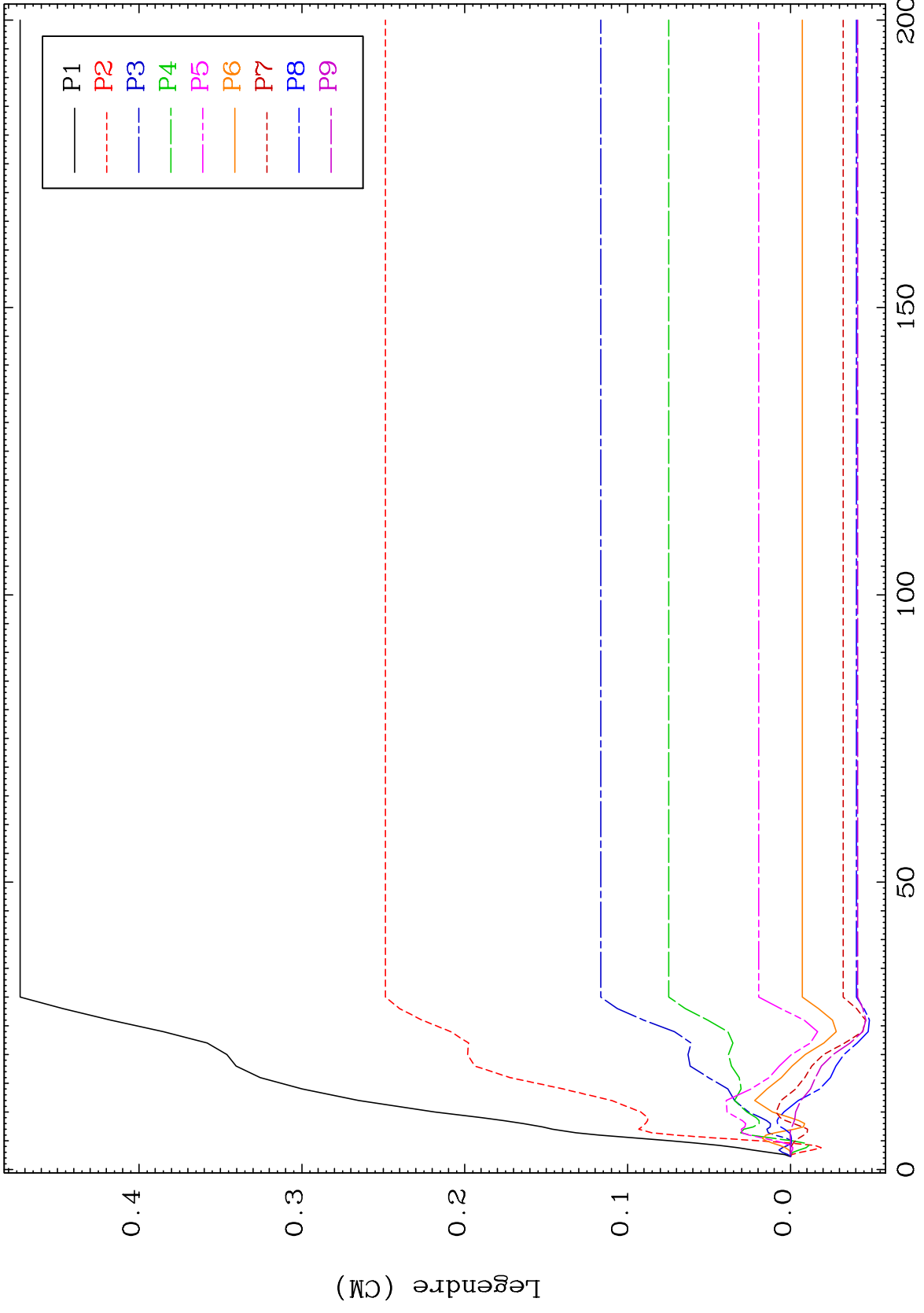
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40-Zr-91





MAT 4028 MT= 57 (n,n') Level Legendre Coefficients 40-Zr-91

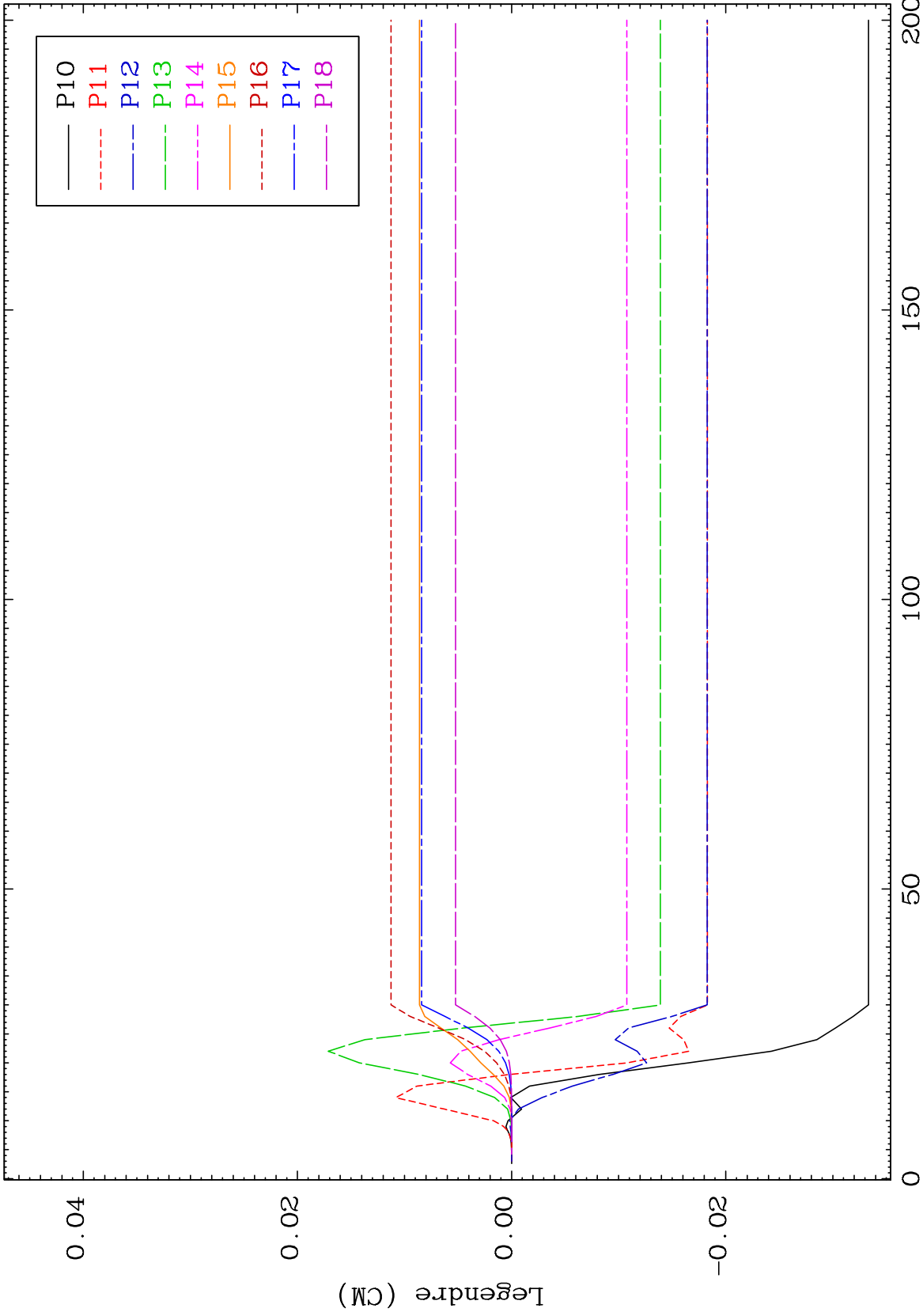


42 40-Zr-91

MAT 4028

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

40-Zr-91



43

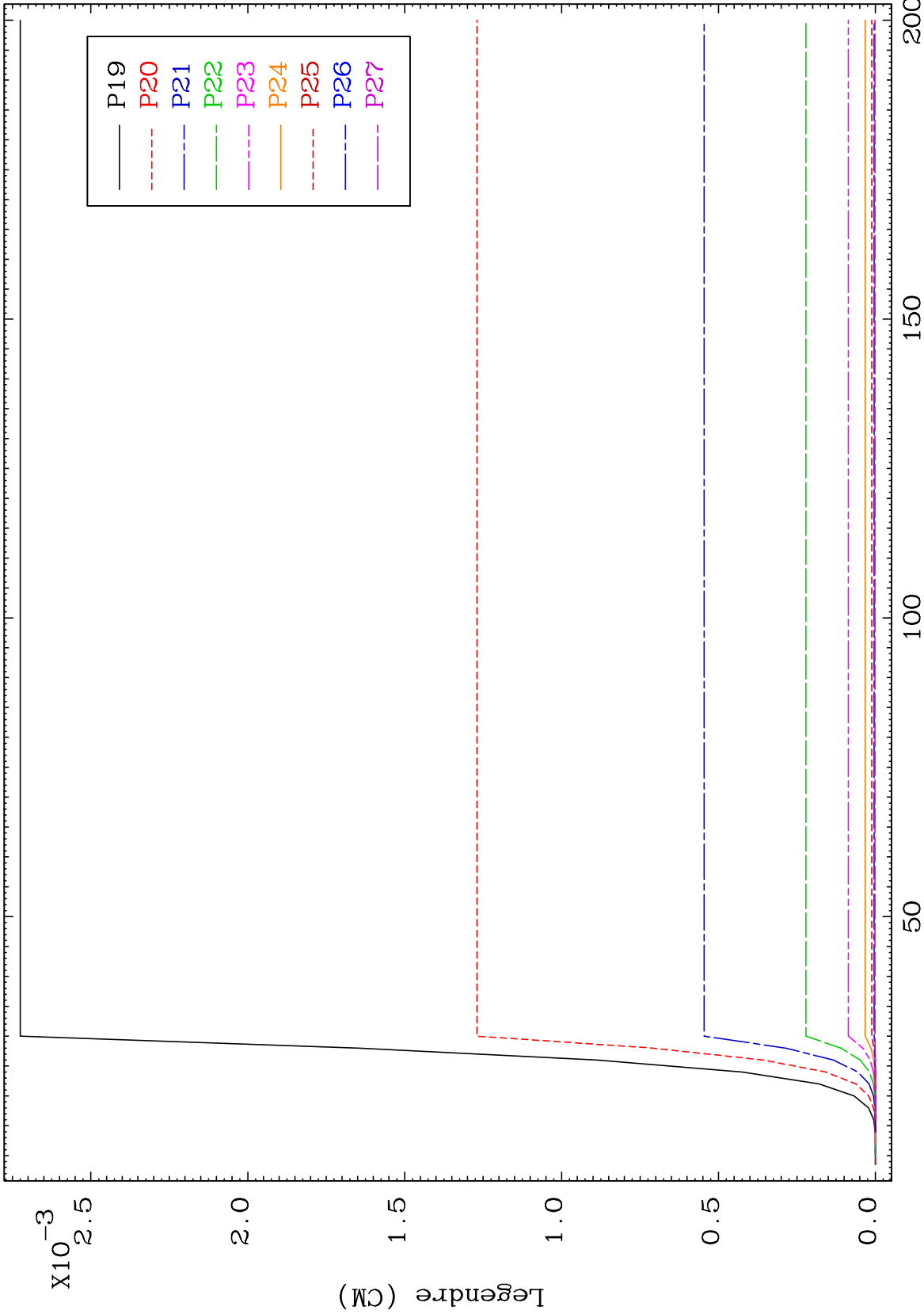
Incident Energy (MeV)

40-Zr-91

MAT 4028

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

40-Zr-91



44

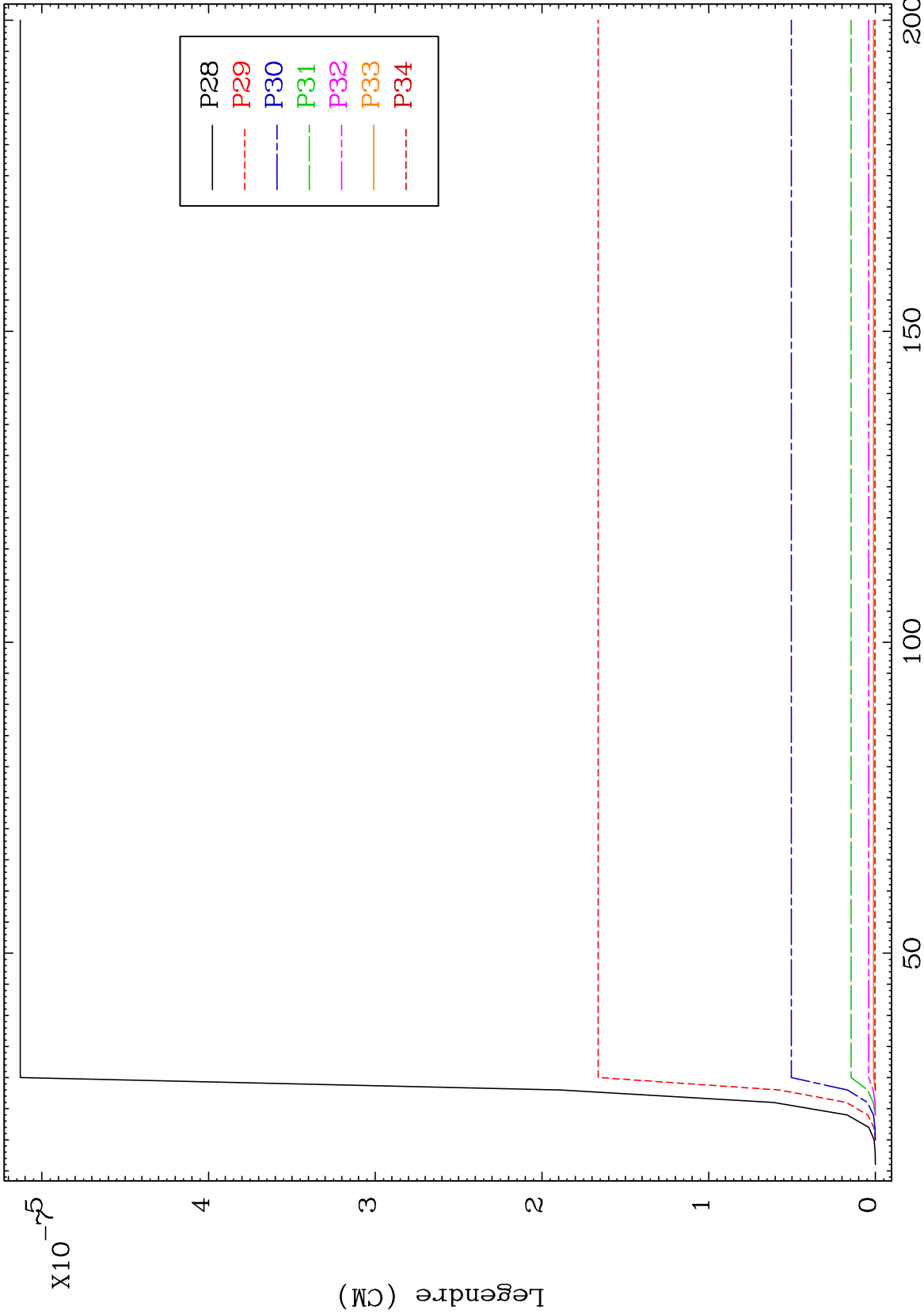
Incident Energy (MeV)

40-Zr-91

MAT 4028

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

40-Zr-91

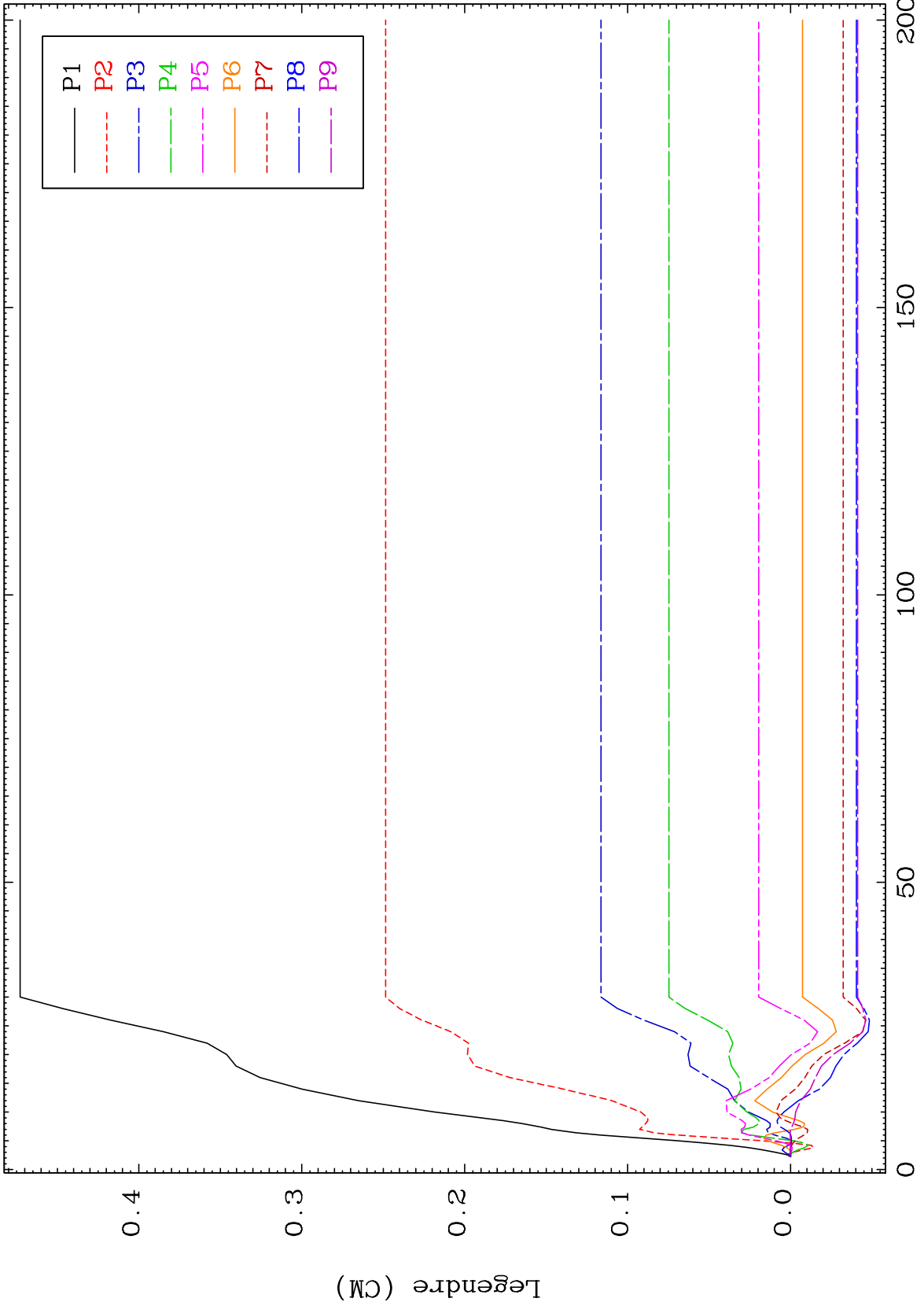


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Incident Energy (MeV)

40-Zr-91

MAT 4028 MT= 58 (n,n') Level Legendre Coefficients 40-Zr-91

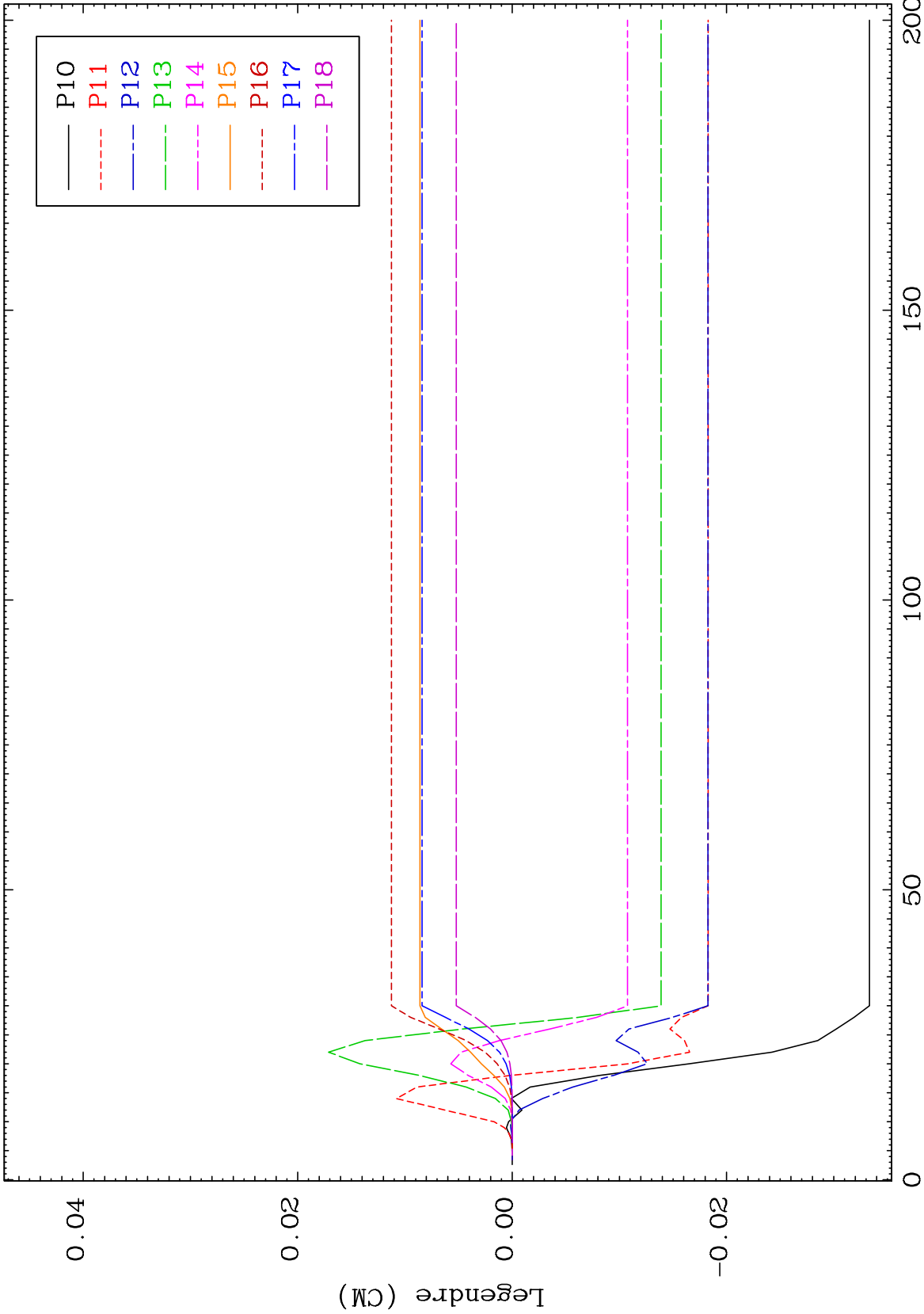


46 40-Zr-91

MAT 4028

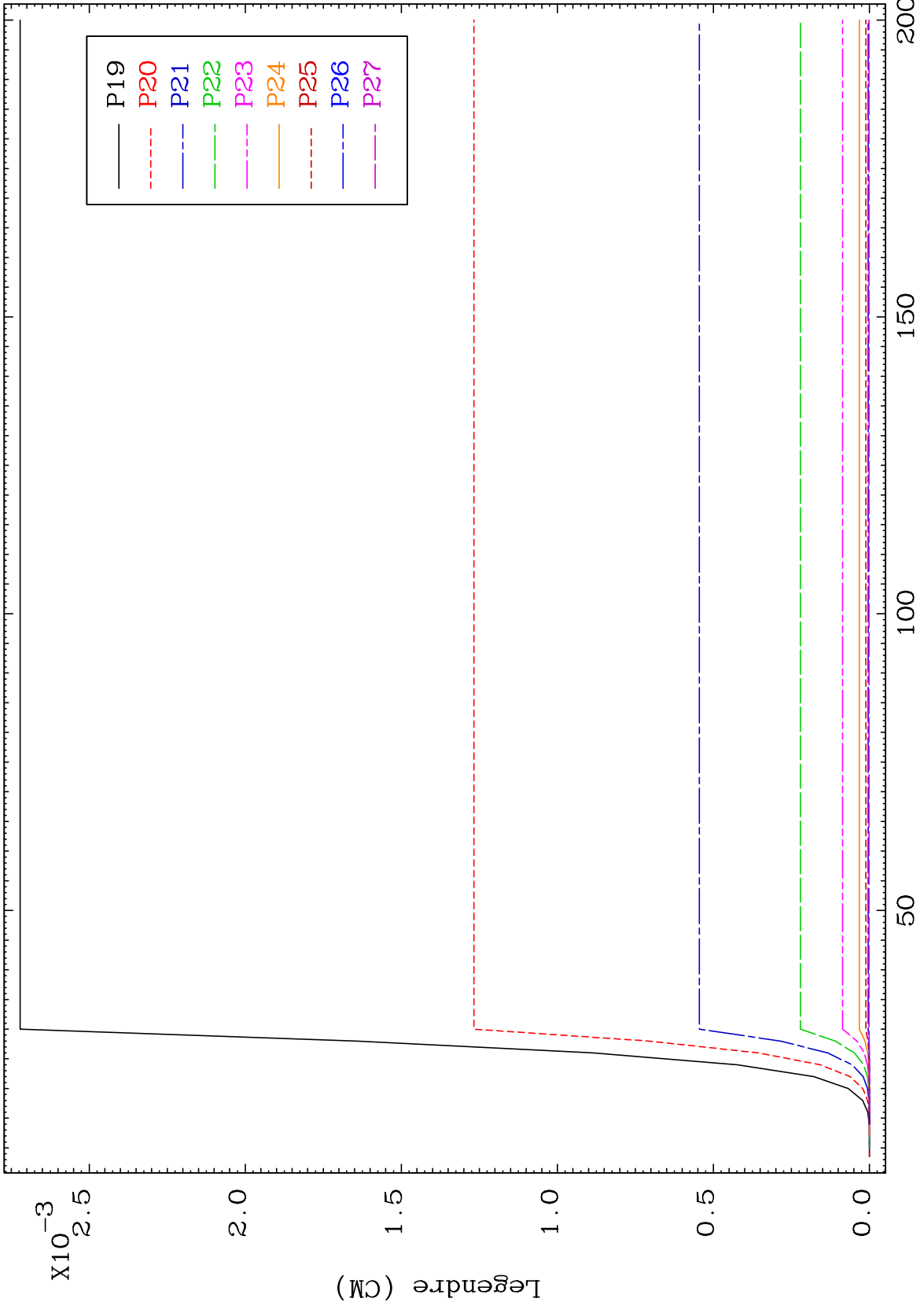
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Legendre Coefficients

40-Zr-91



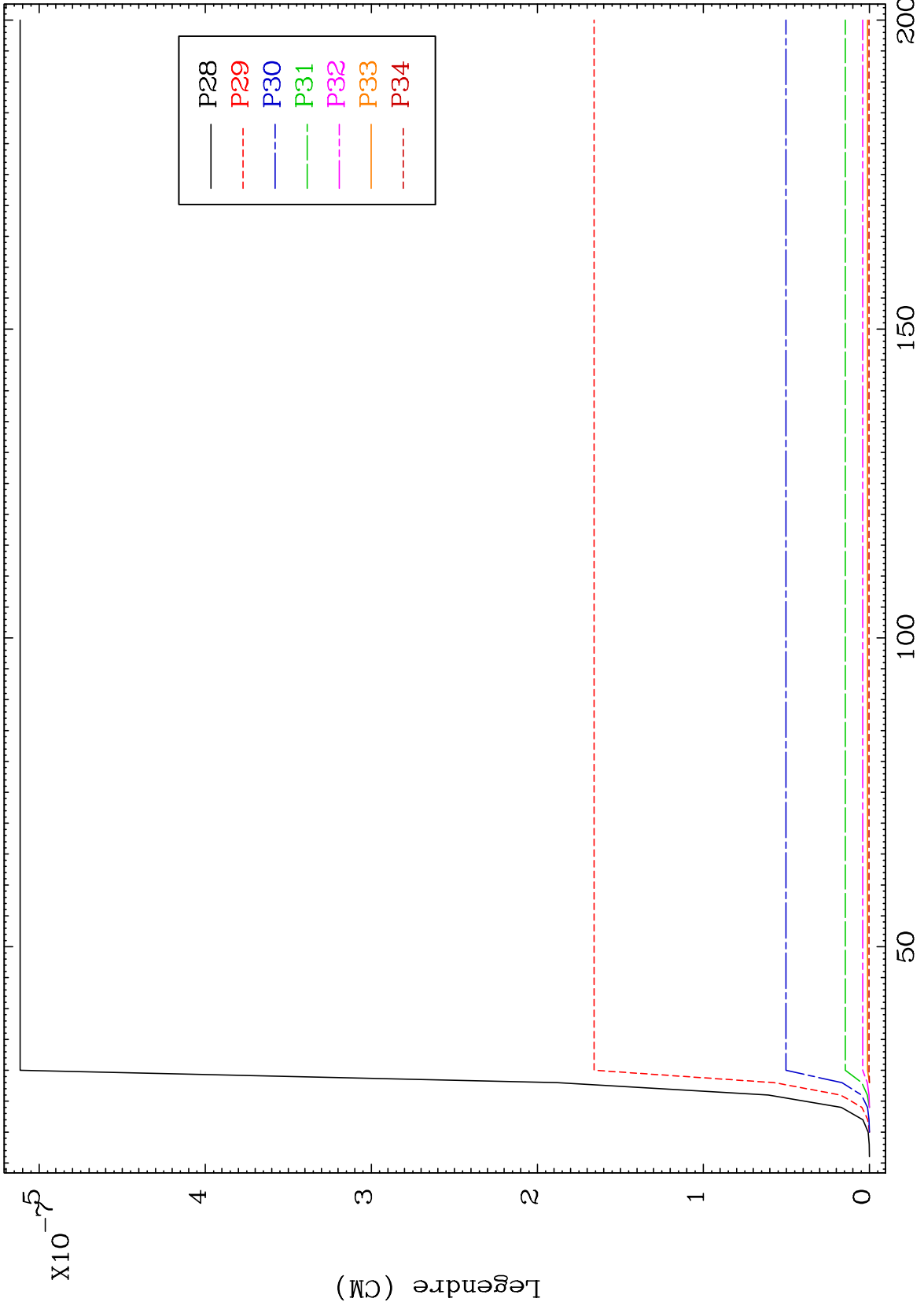
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MAT 4028 MT= 58 (n,n') Level Legendre Coefficients 40-Zr-91

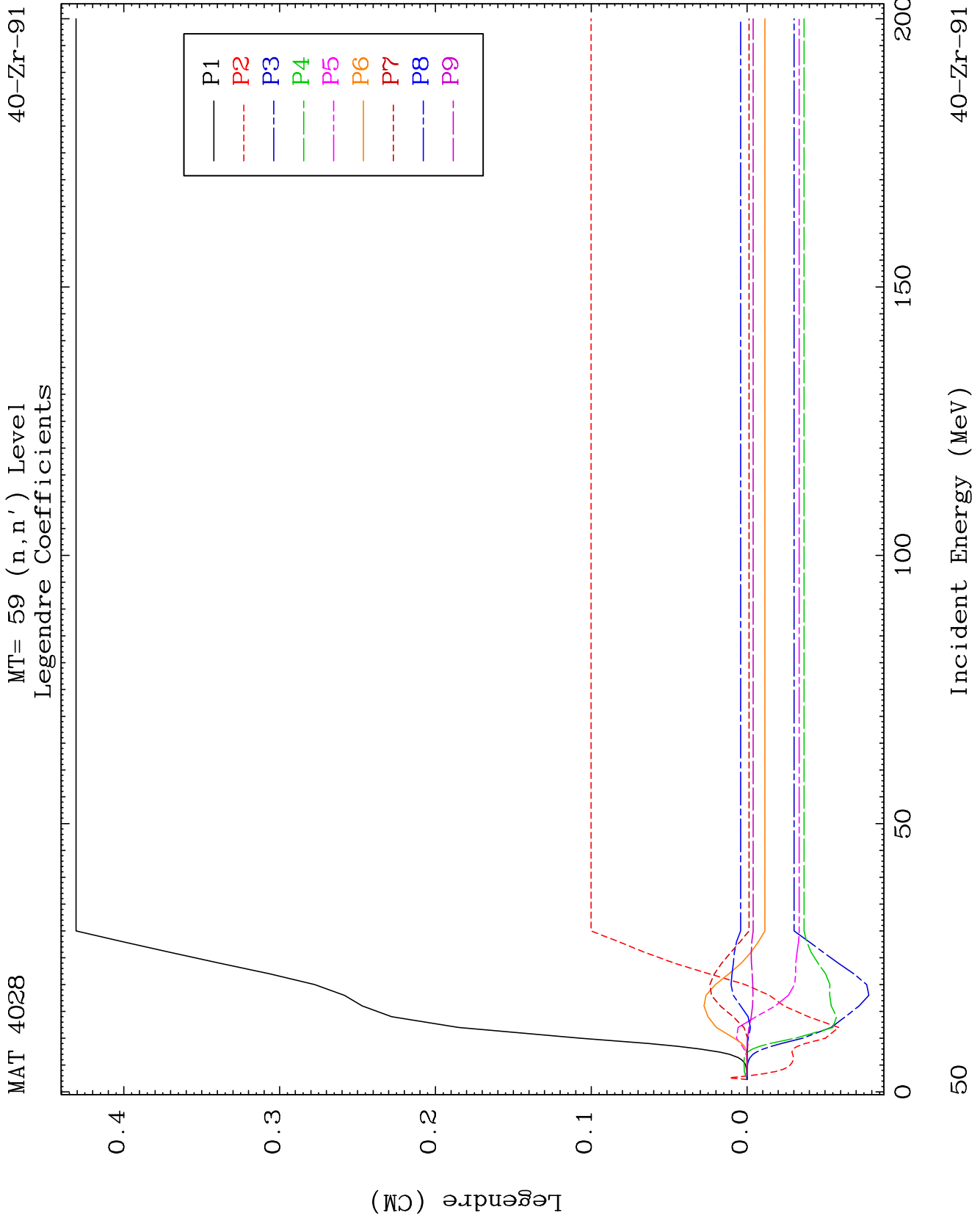


48 Incident Energy (MeV) 40-Zr-91

MAT 4028 MT= 58 (n,n') Level Legendre Coefficients 40-Zr-91



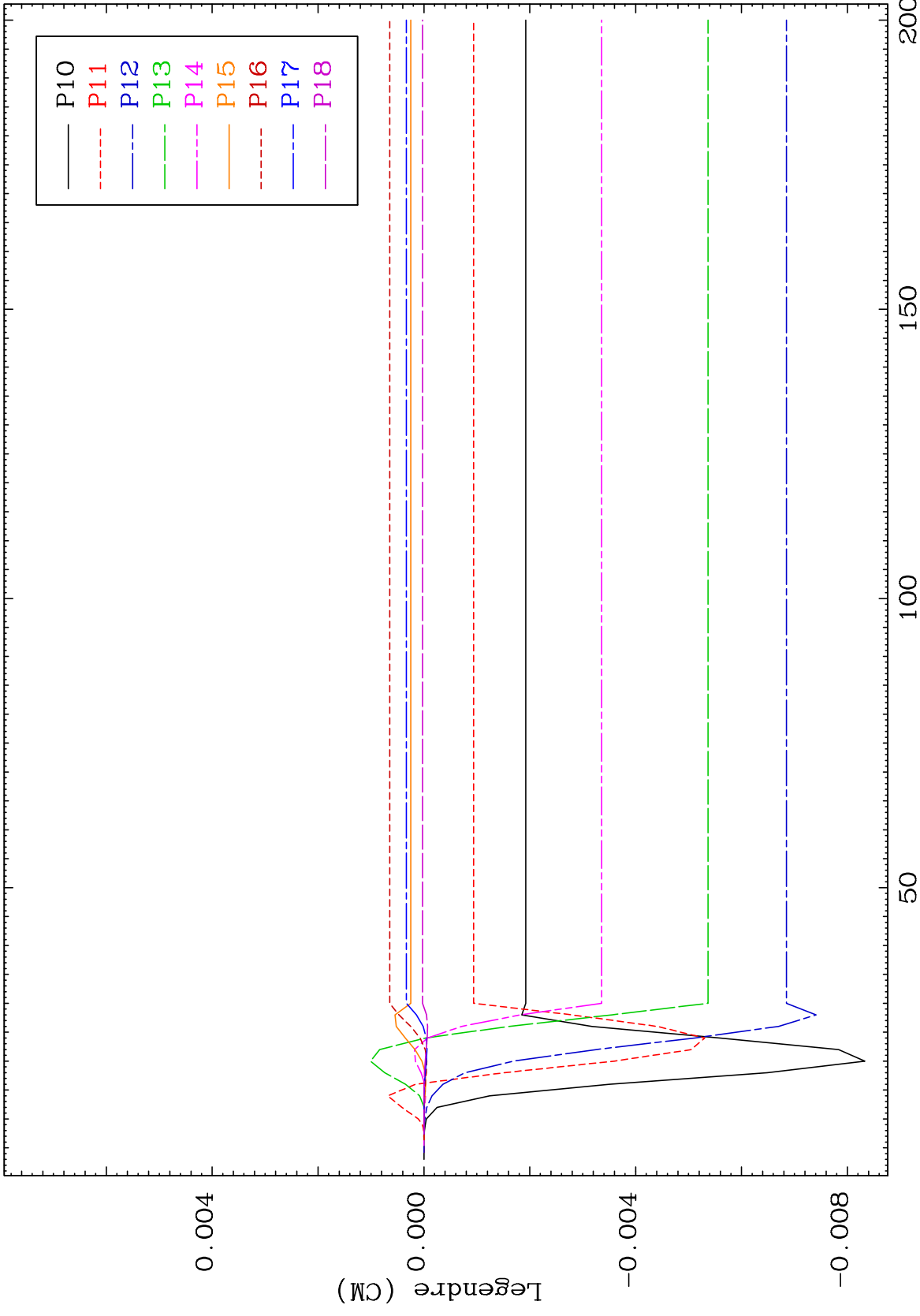
49 40-Zr-91



MAT 4028

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

40-Zr-91



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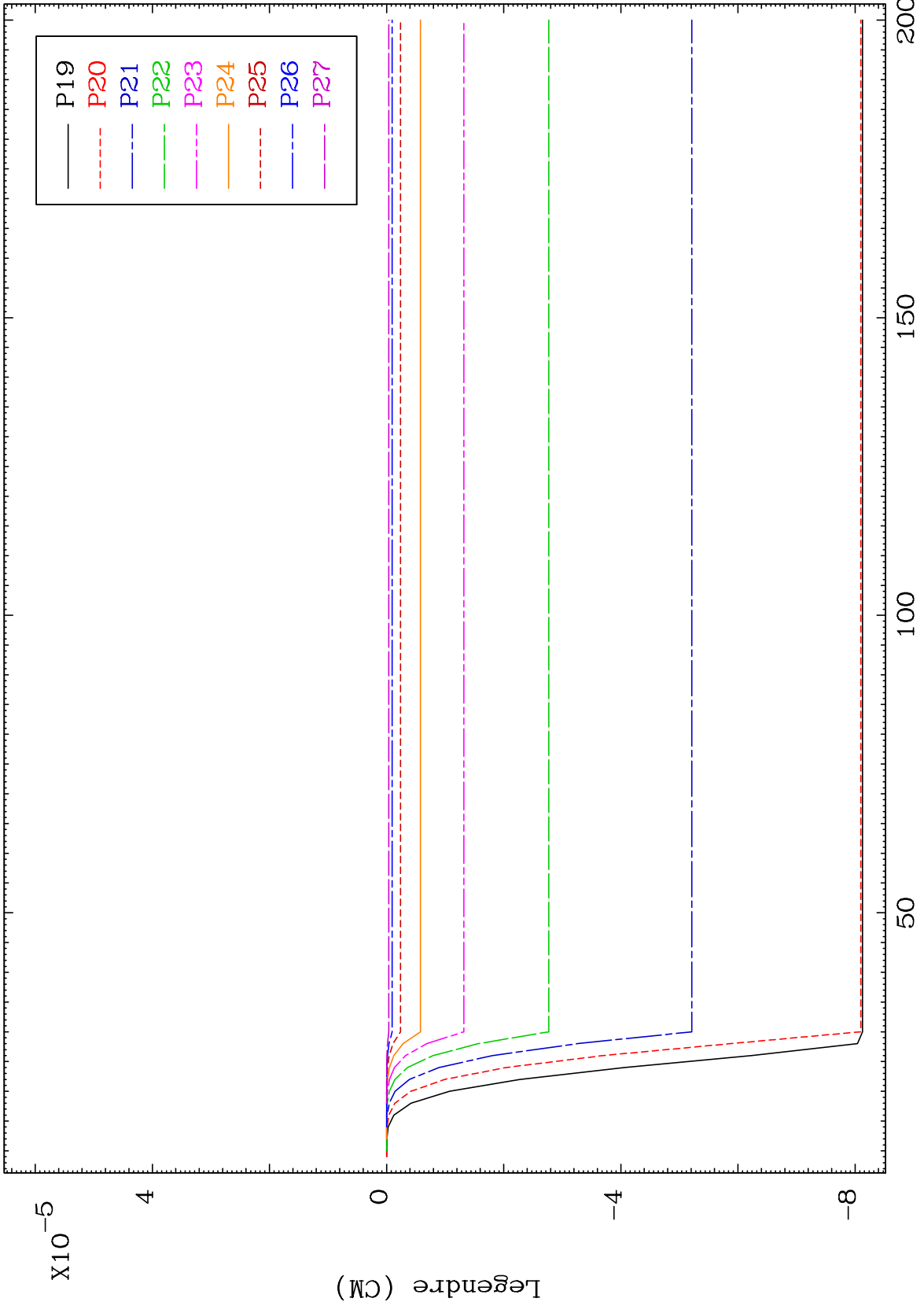
Incident Energy (MeV)

40-Zr-91

MAT 4028

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

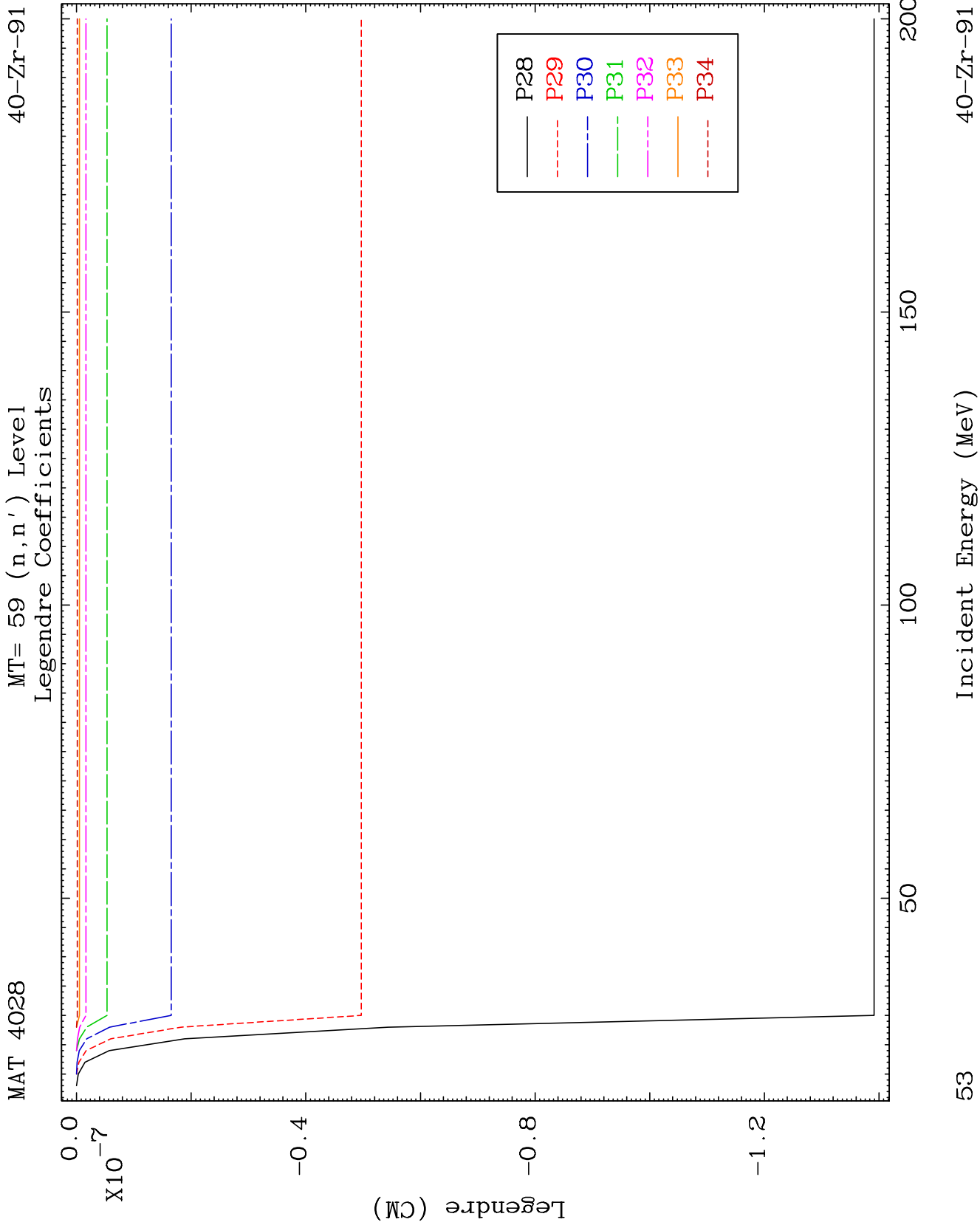
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52

Incident Energy (MeV)

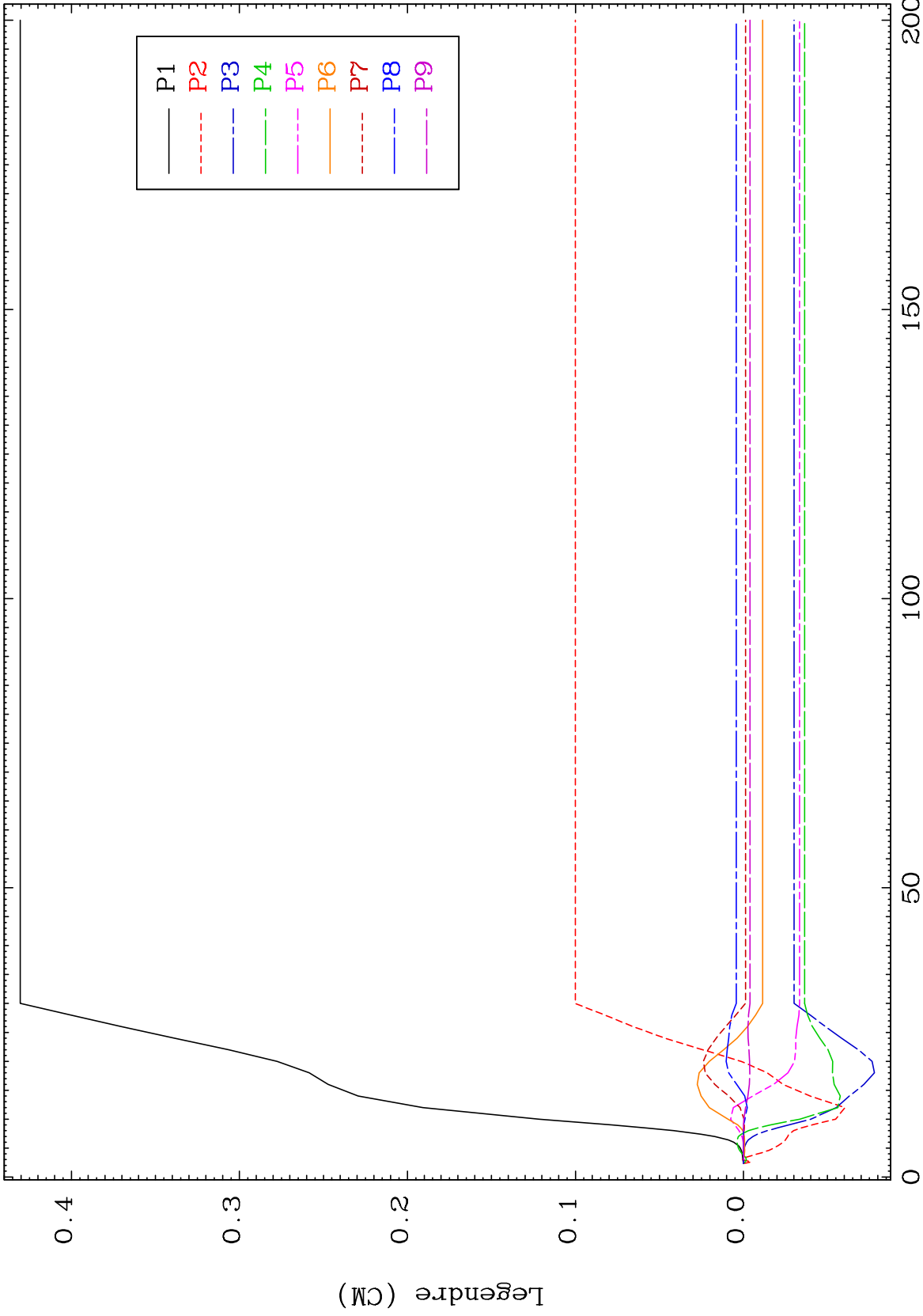
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MAT 4028

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

40-Zr-91



54

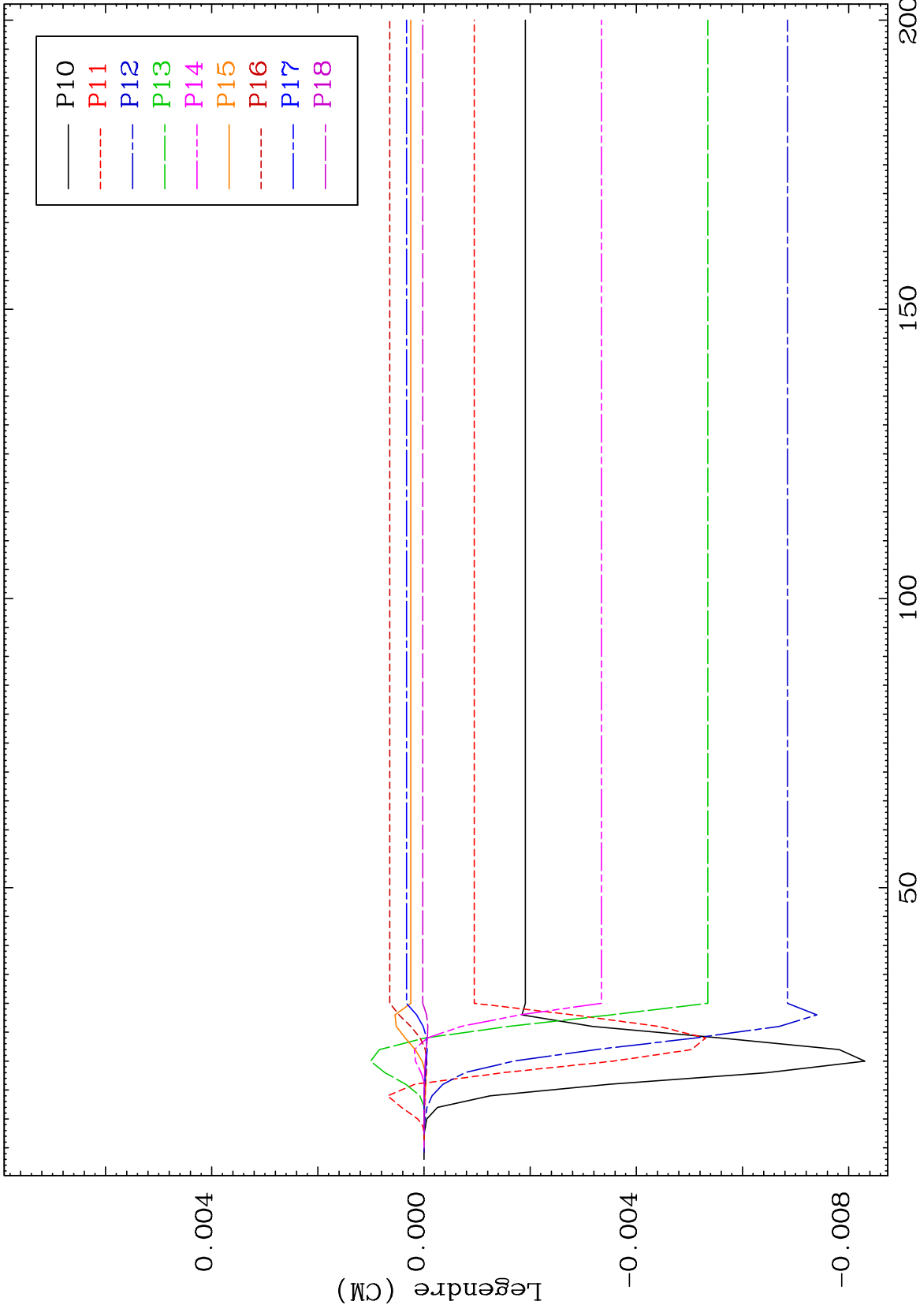
Incident Energy (MeV)

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MAT 4028

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

40-Zr-91



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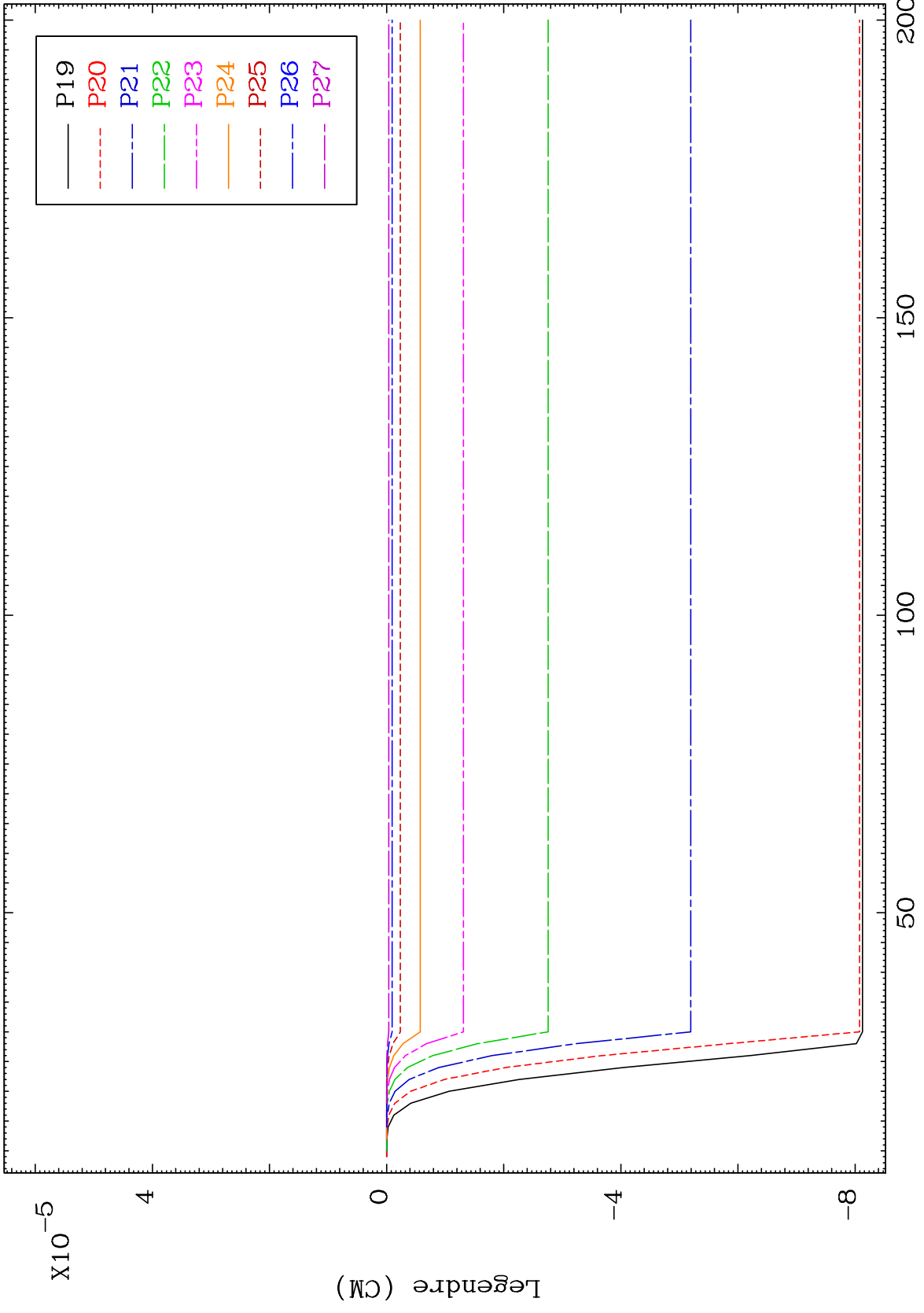
Incident Energy (MeV)

40-Zr-91

MAT 4028

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

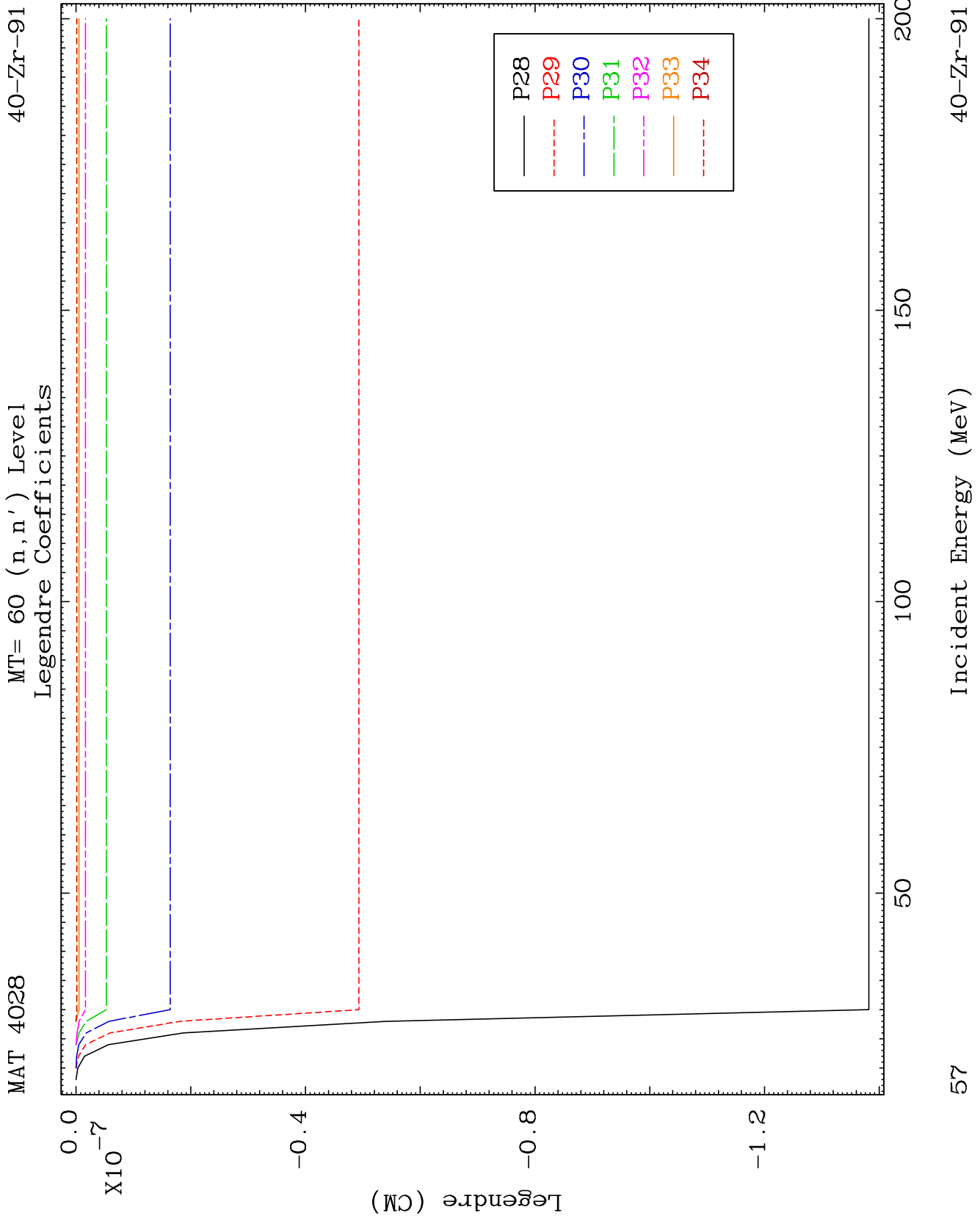
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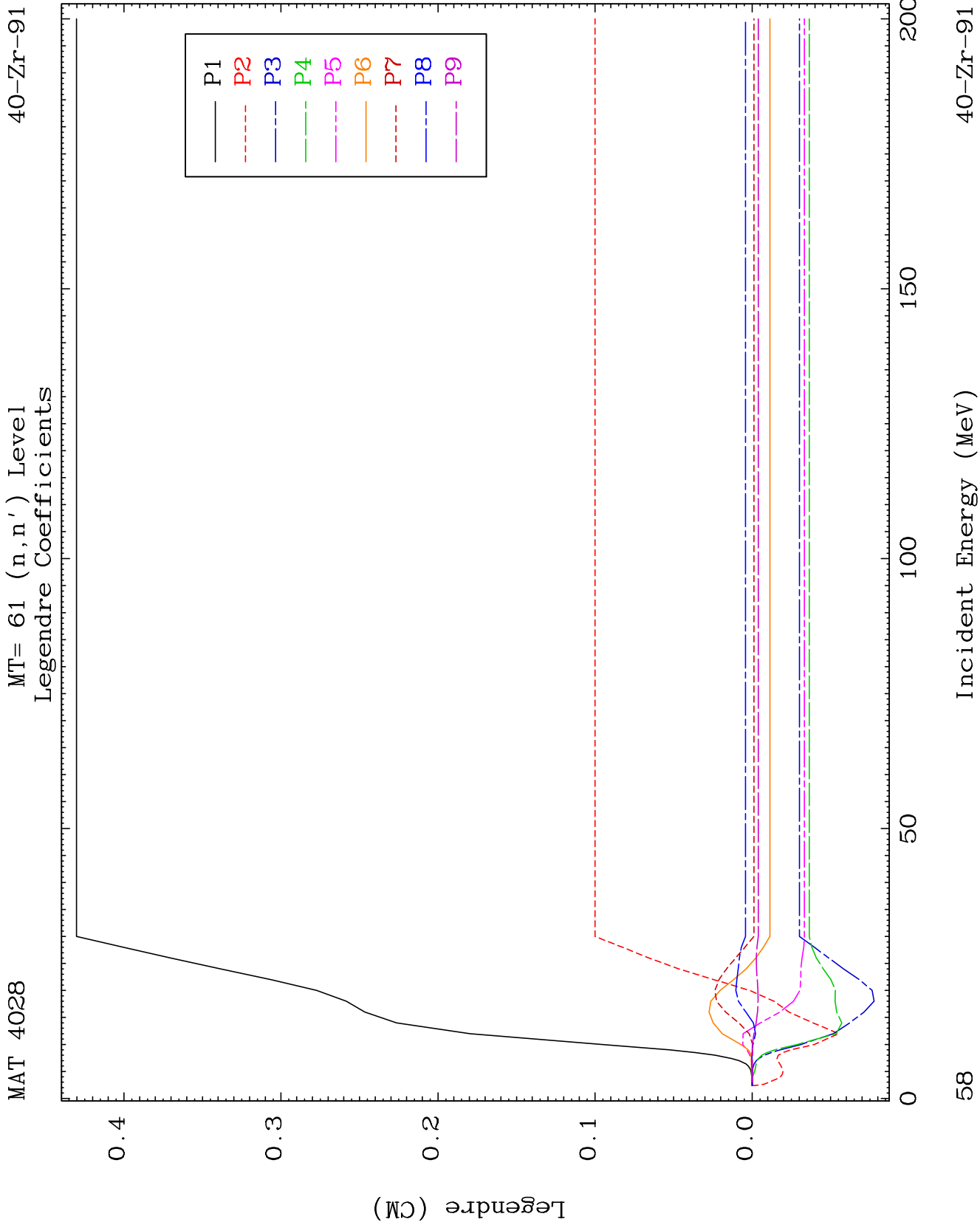


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Incident Energy (MeV)

40-Zr-91

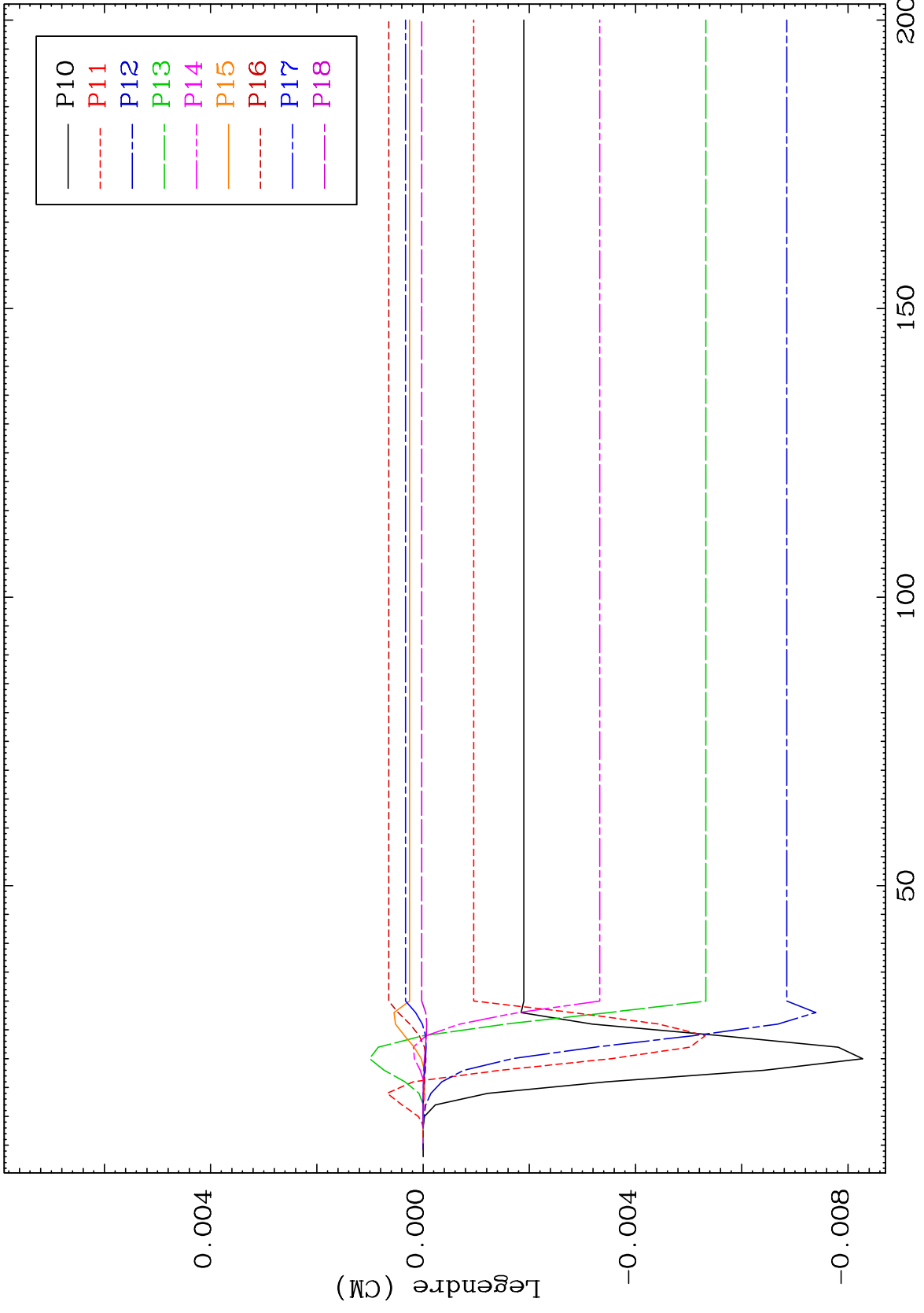




MAT 4028

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

40-Zr-91



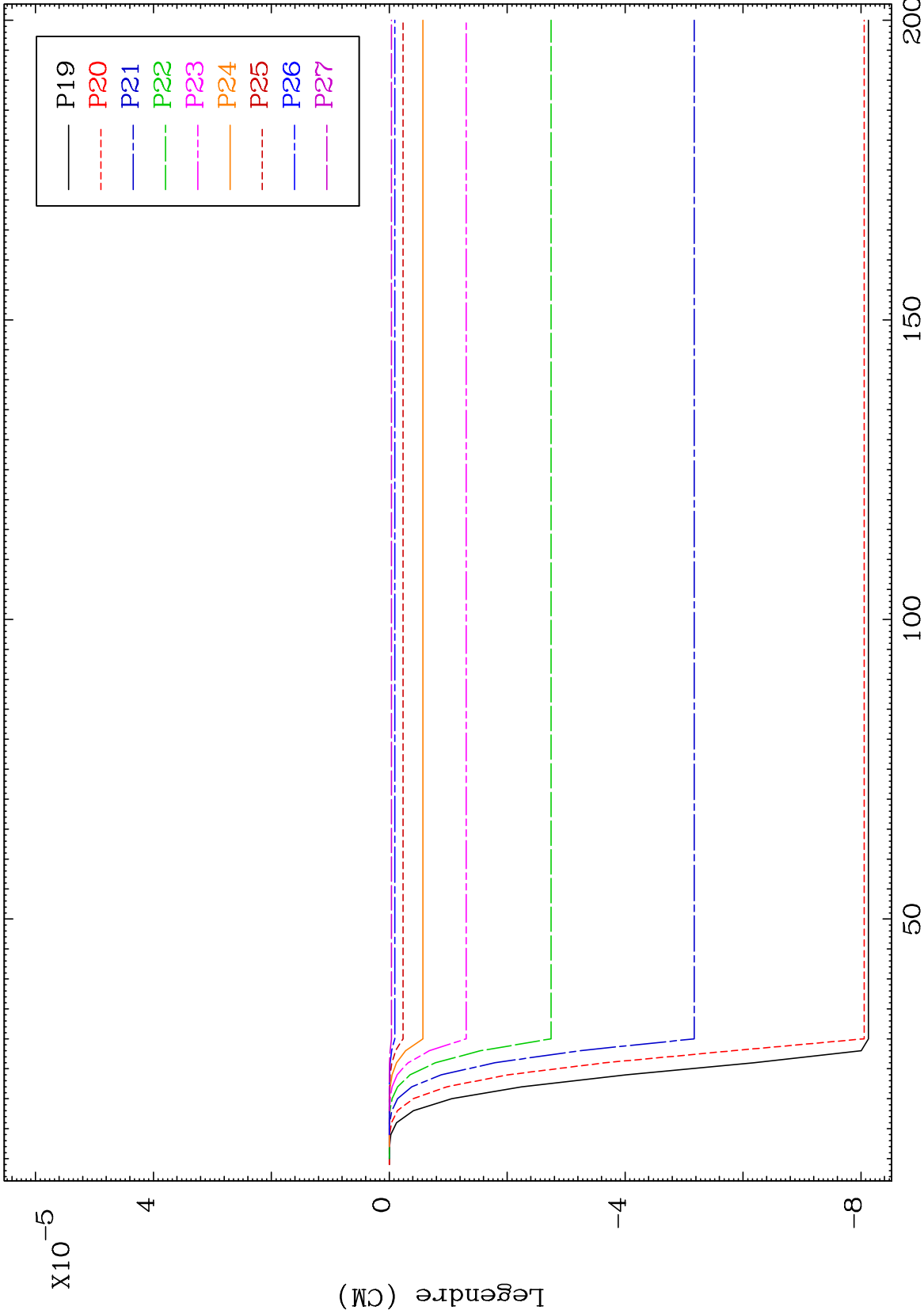
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40-Zr-91

MAT 4028

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

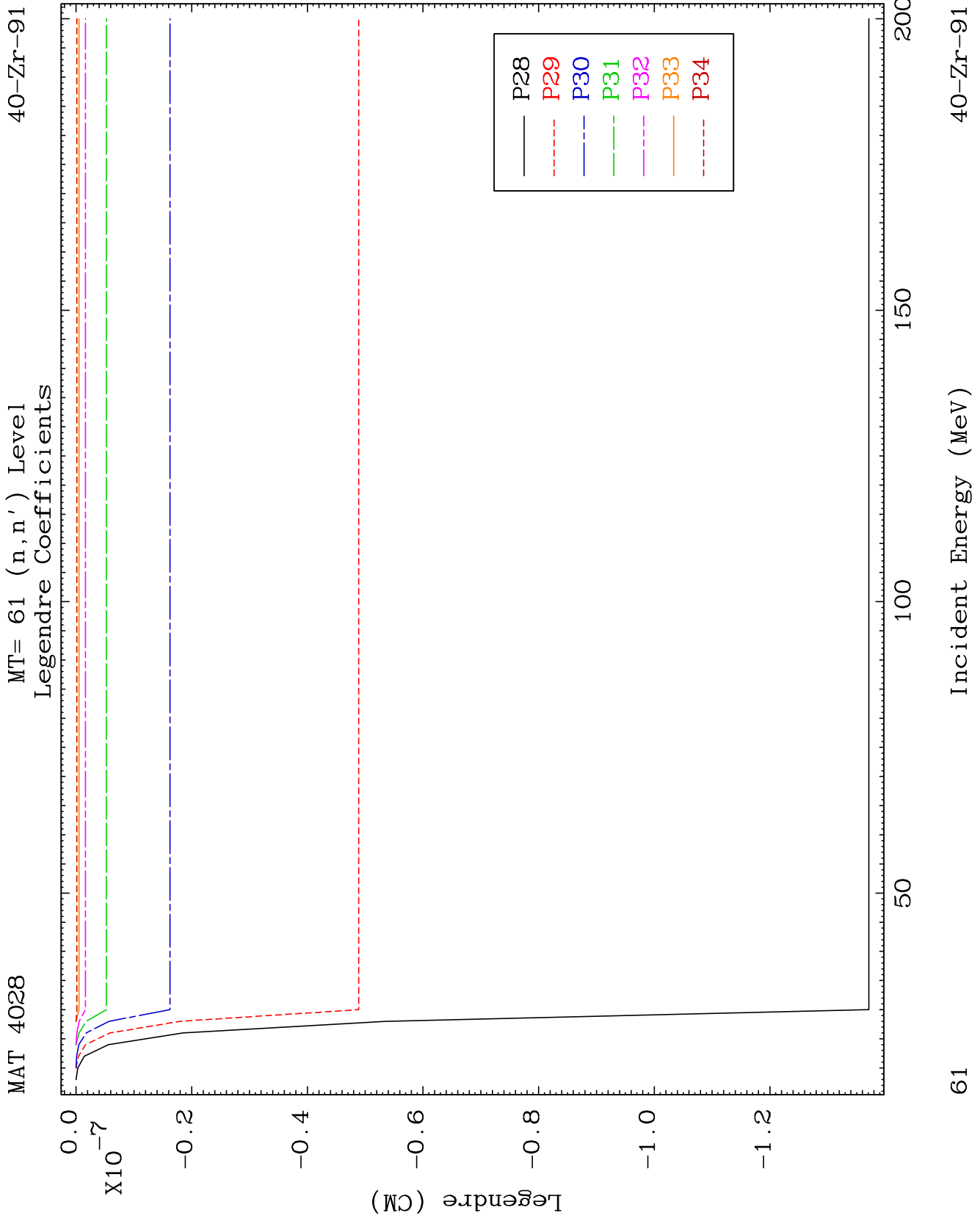
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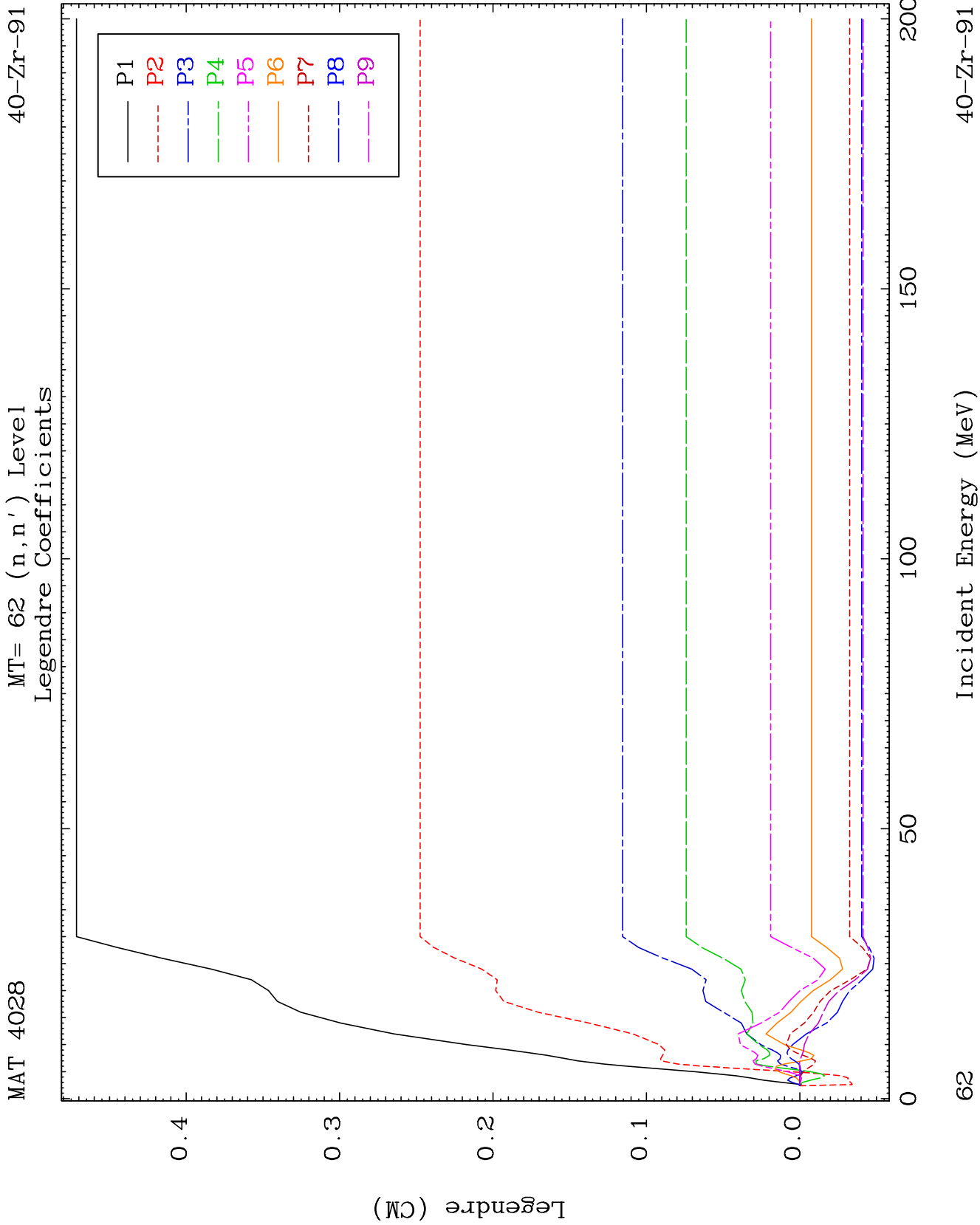


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Incident Energy (MeV)

40-Zr-91

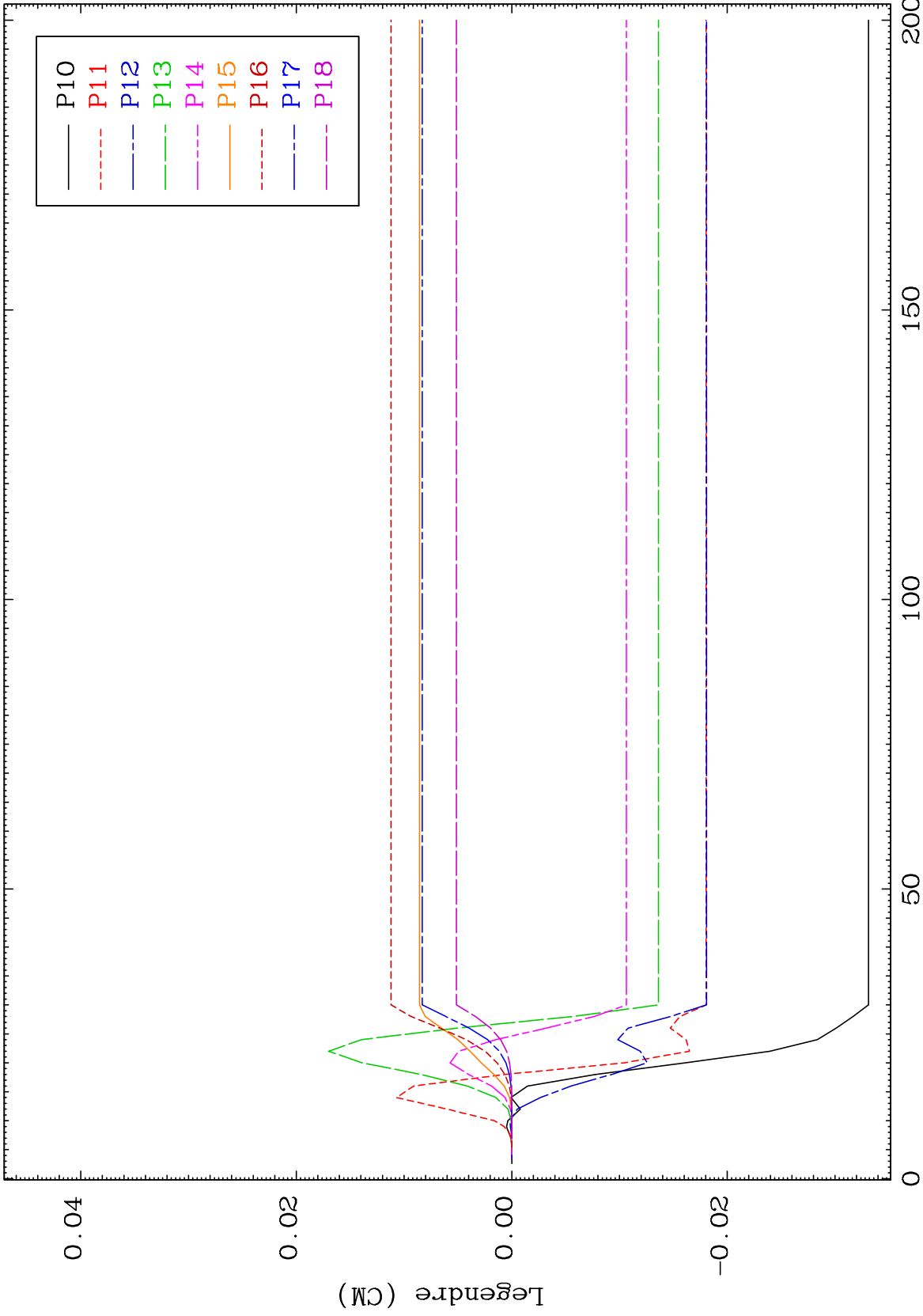




MAT 4028

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

40-Zr-91



63

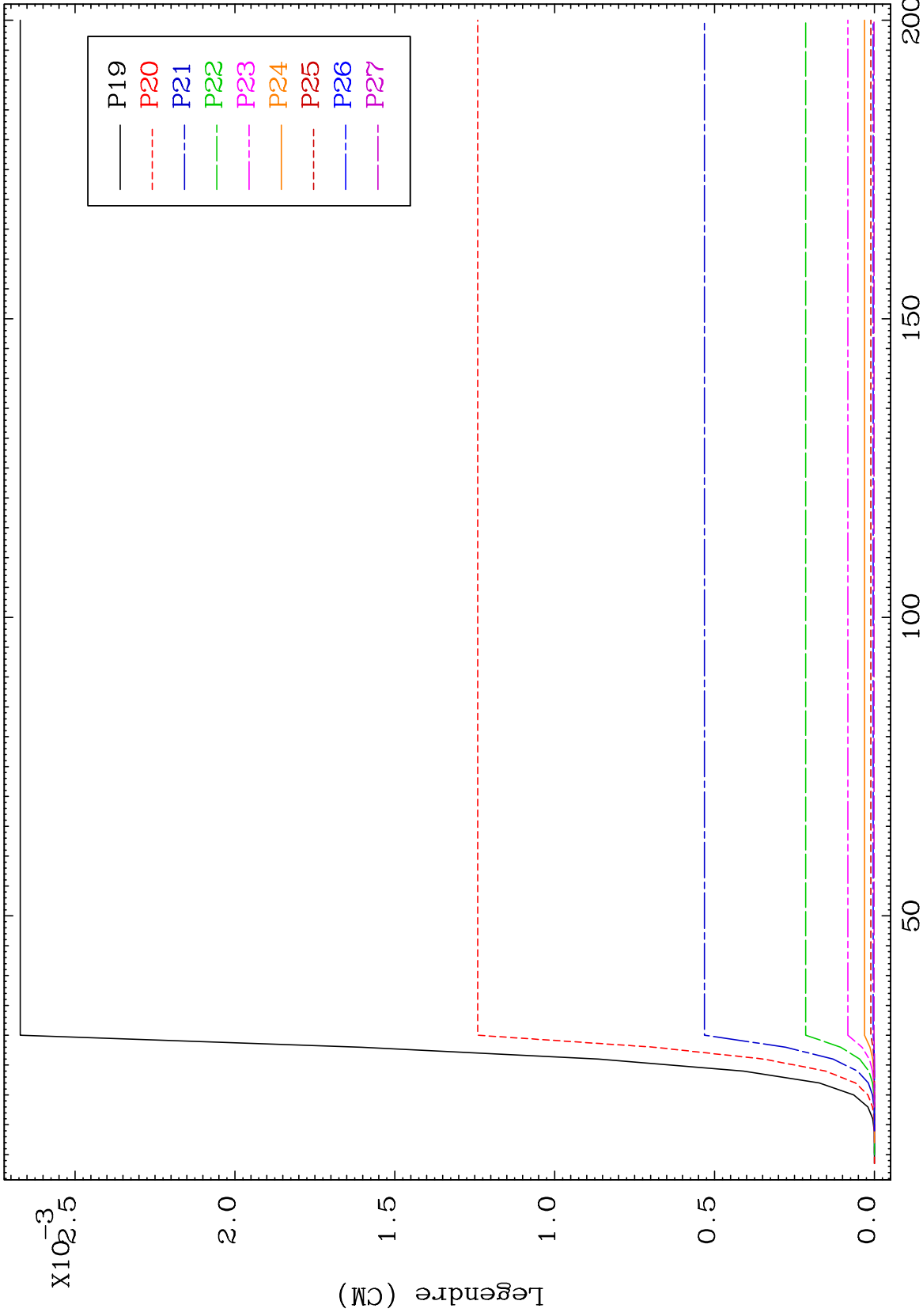
Incident Energy (MeV)

40-Zr-91

MAT 4028

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

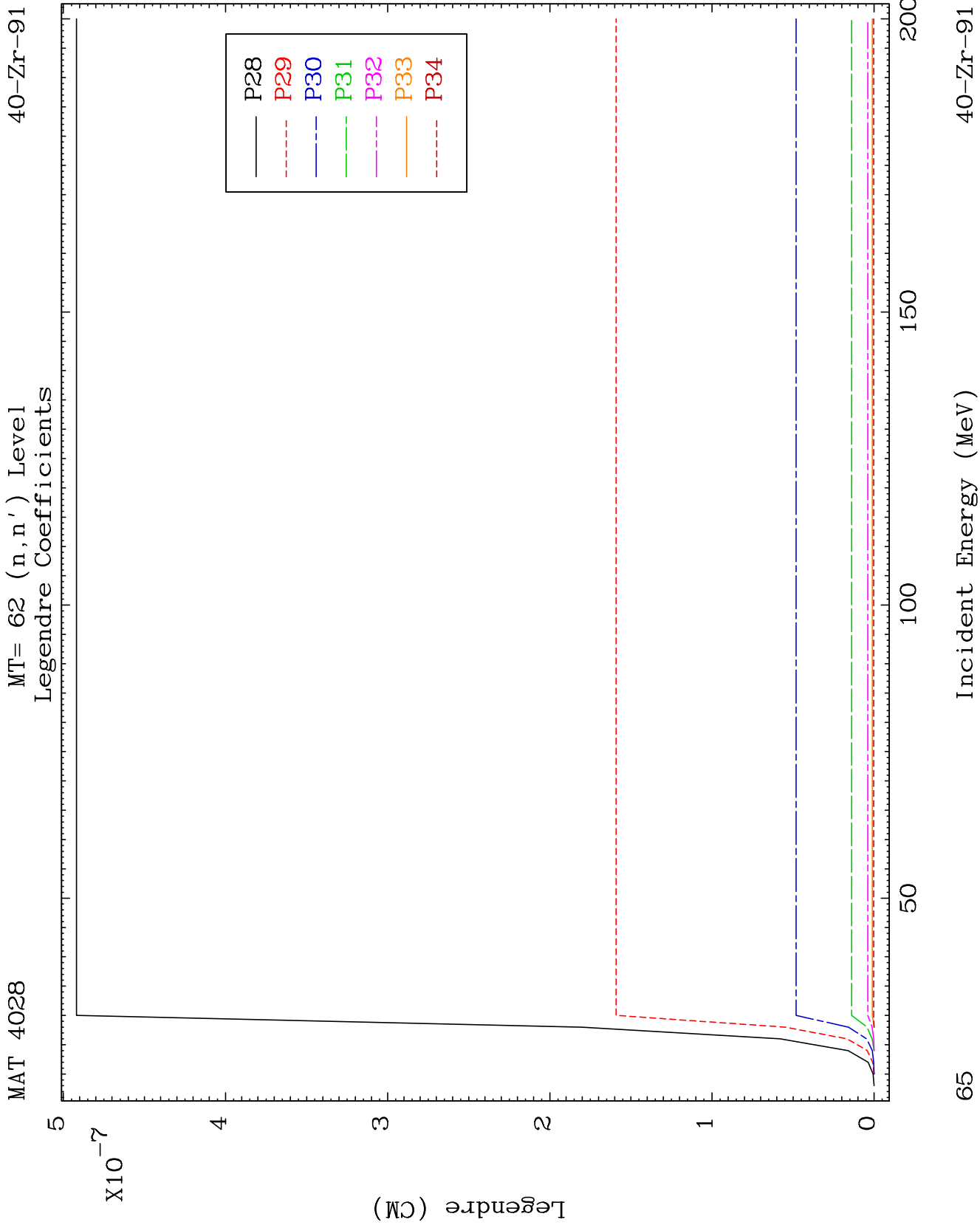
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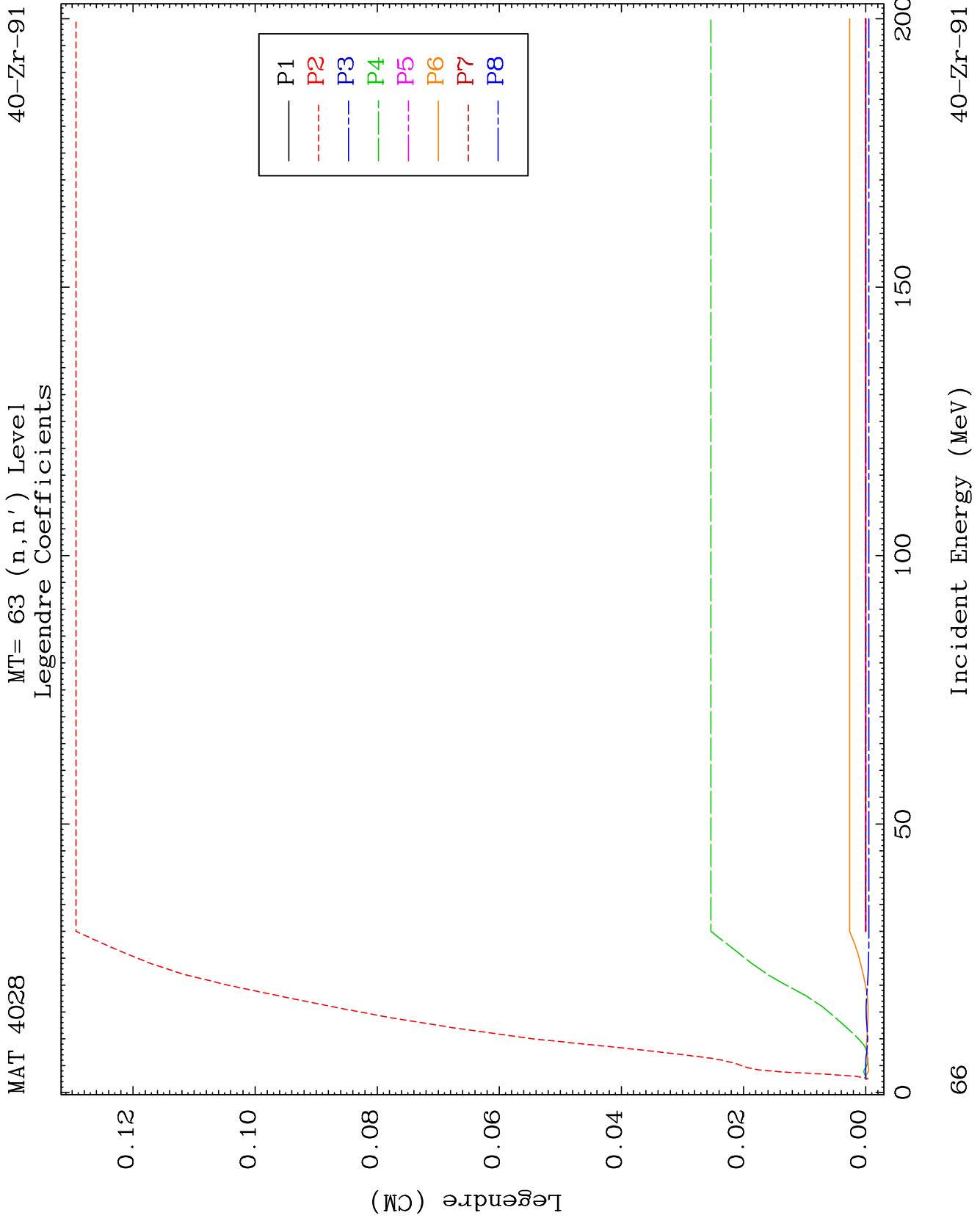


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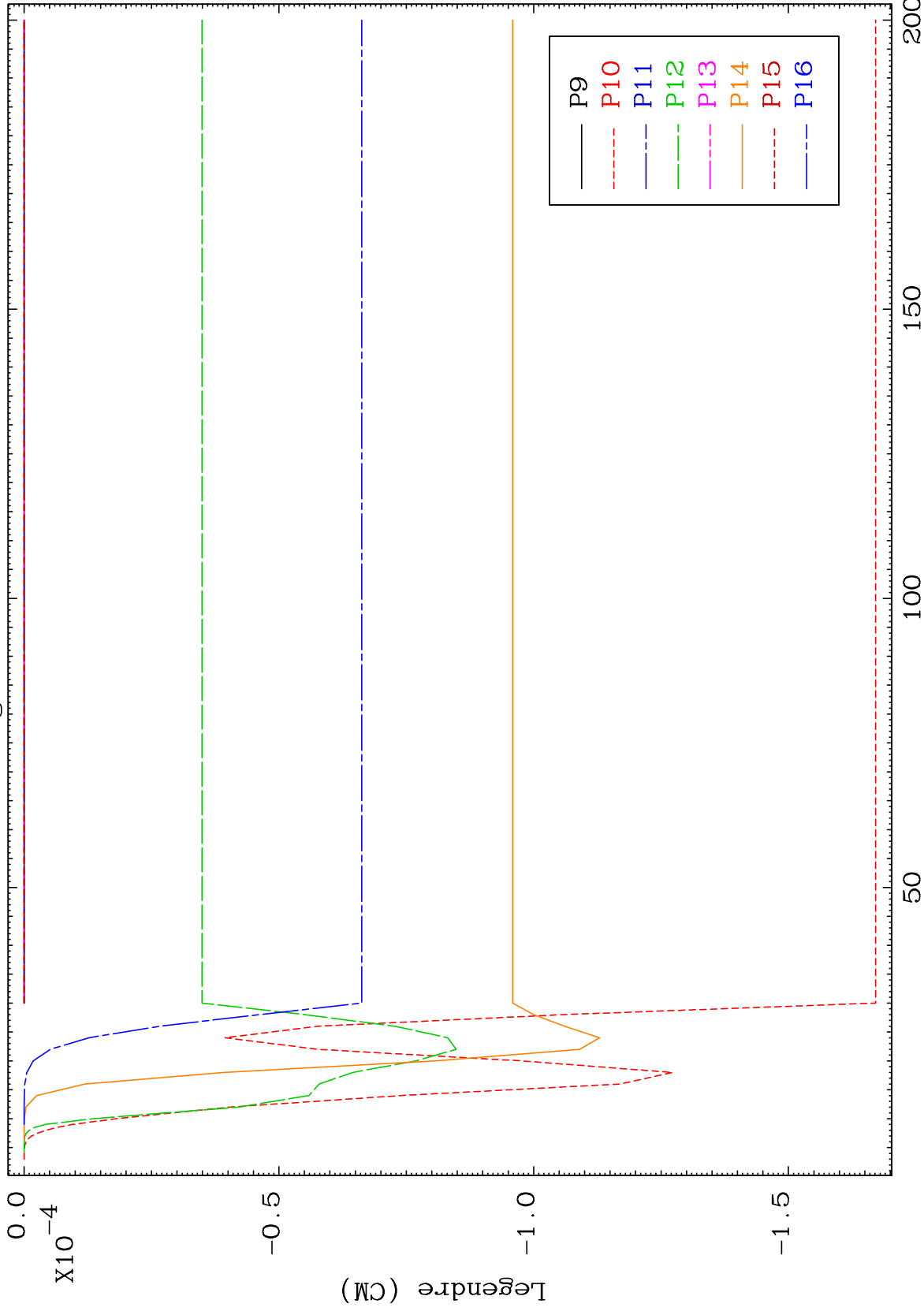
Incident Energy (MeV)

40-Zr-91

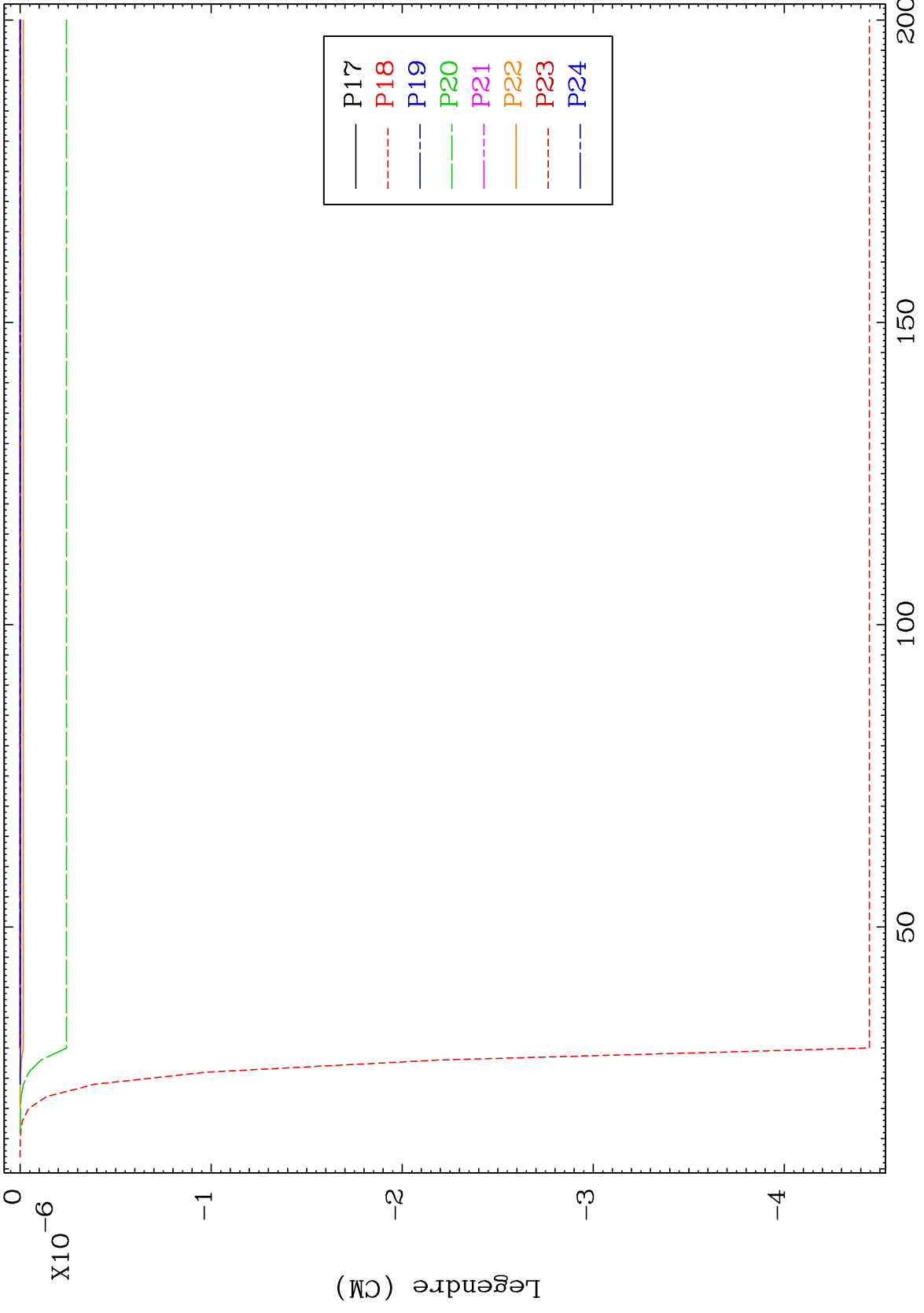




MAT 4028 MT= 63 (n,n') Level Legendre Coefficients 40-Zr-91



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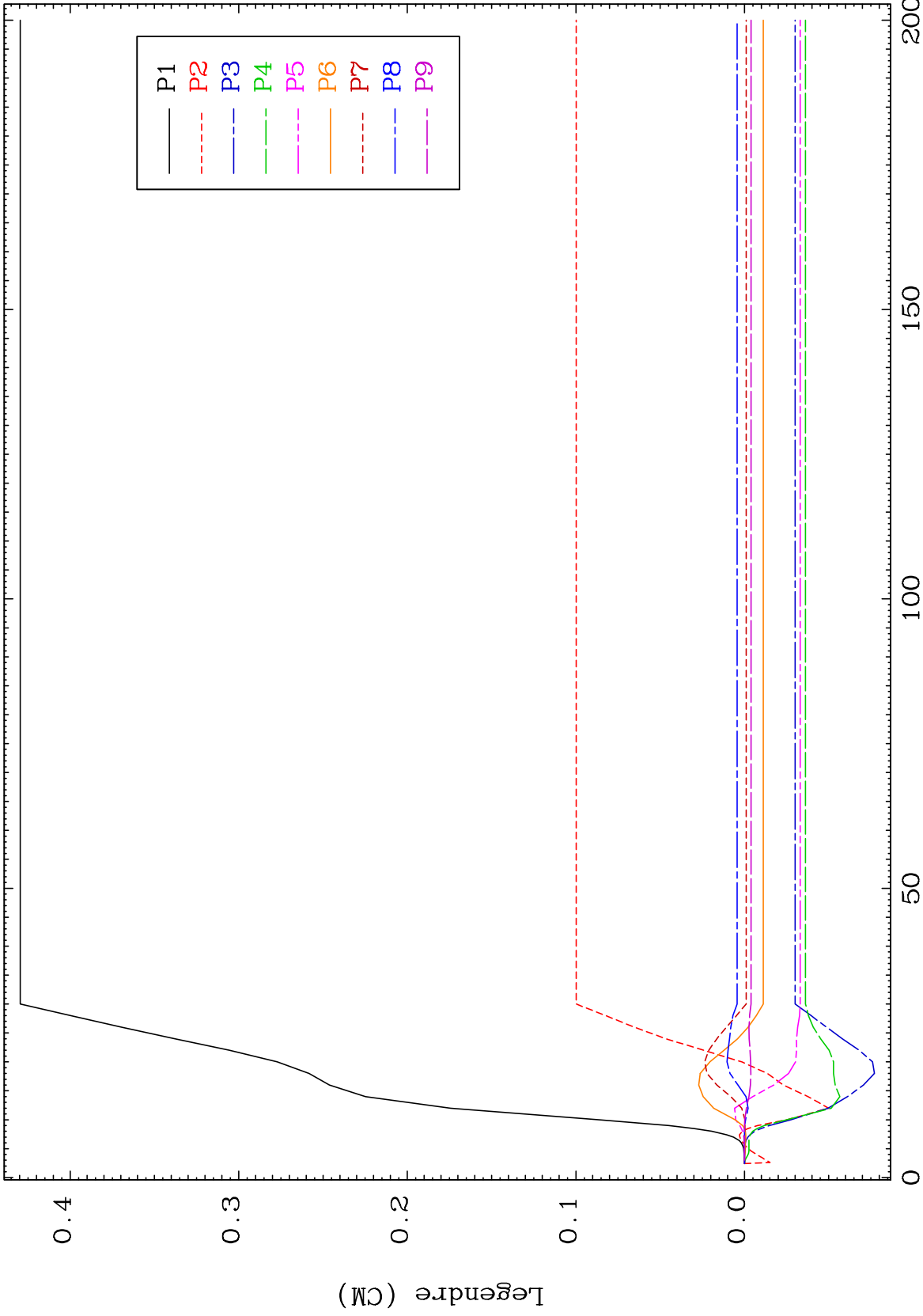


68 Incident Energy (MeV) 40-Zr-91

MAT 4028

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

40-Zr-91



69

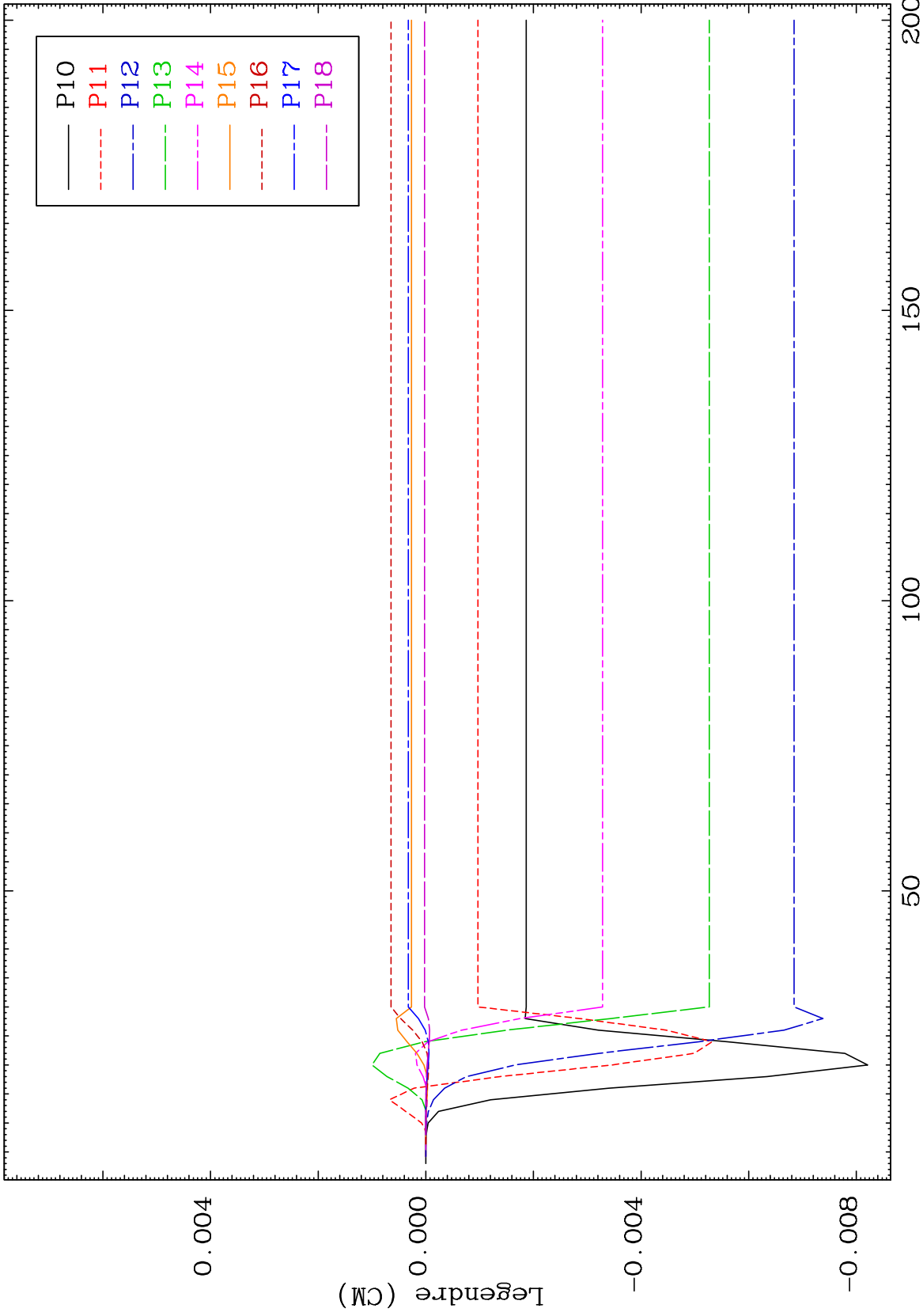
Incident Energy (MeV)

40-Zr-91

MAT 4028

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

40-Zr-91



70

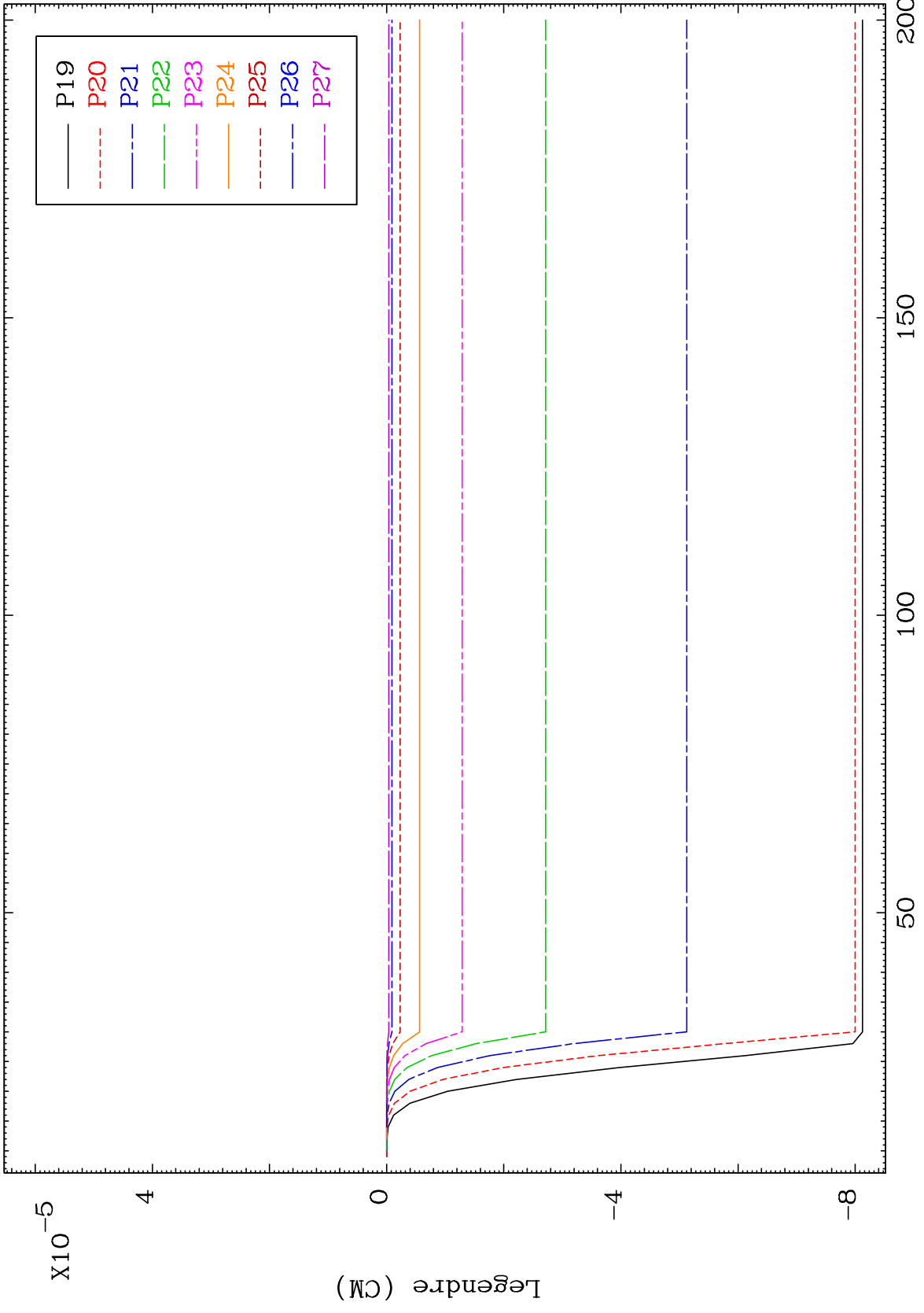
Incident Energy (MeV)

40-Zr-91

MAT 4028

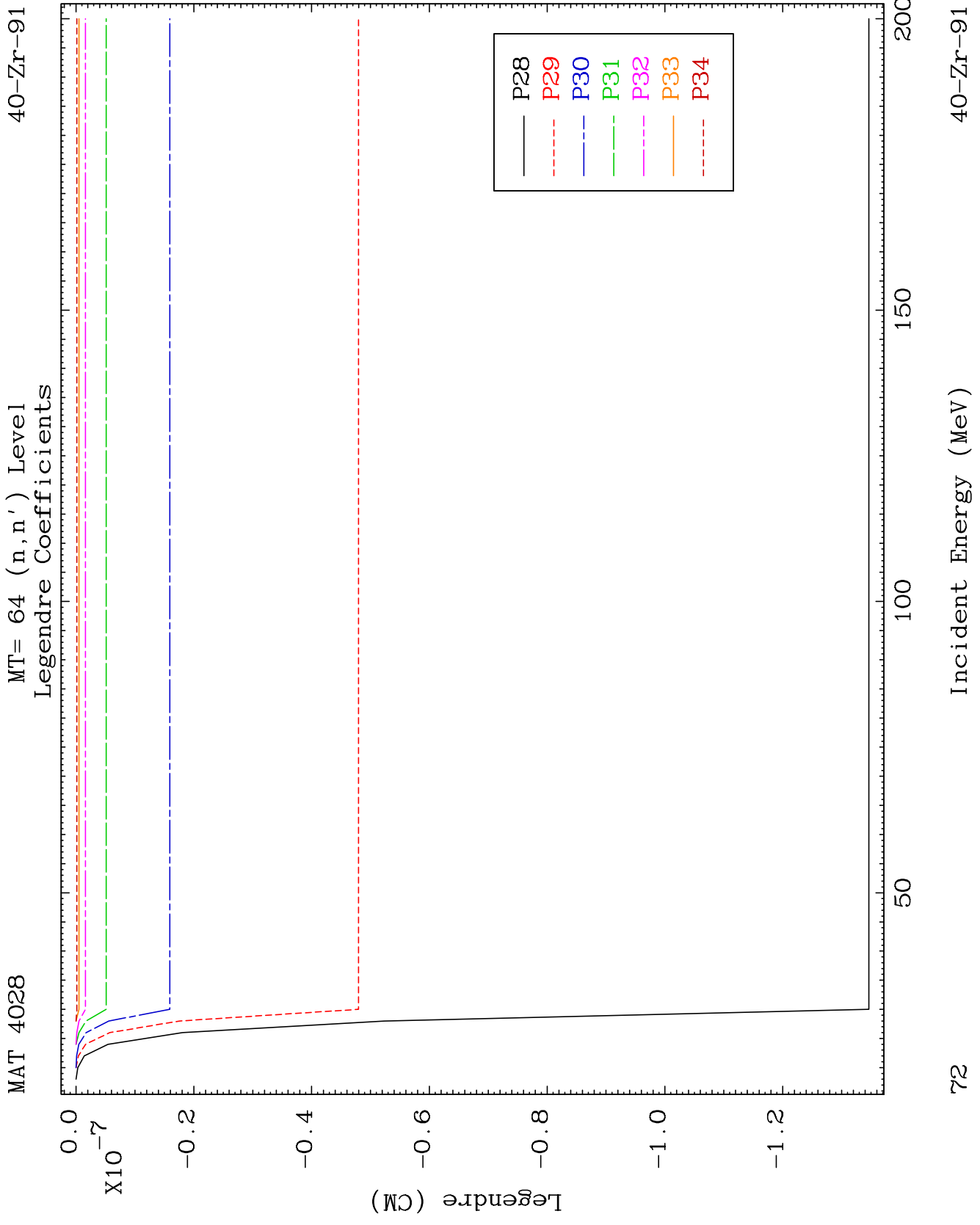
MT= 64 (n,n') Level
Legendre Coefficients

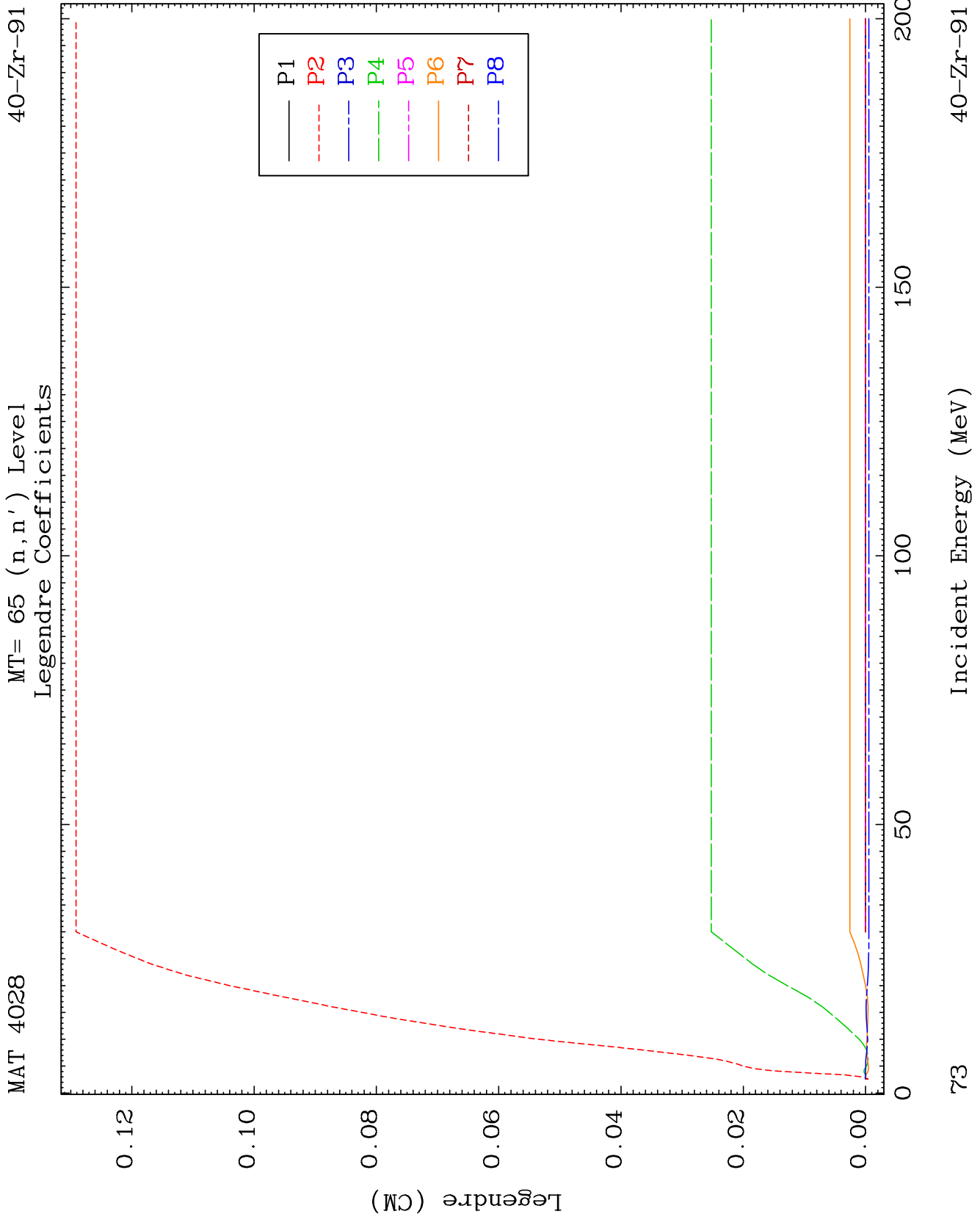
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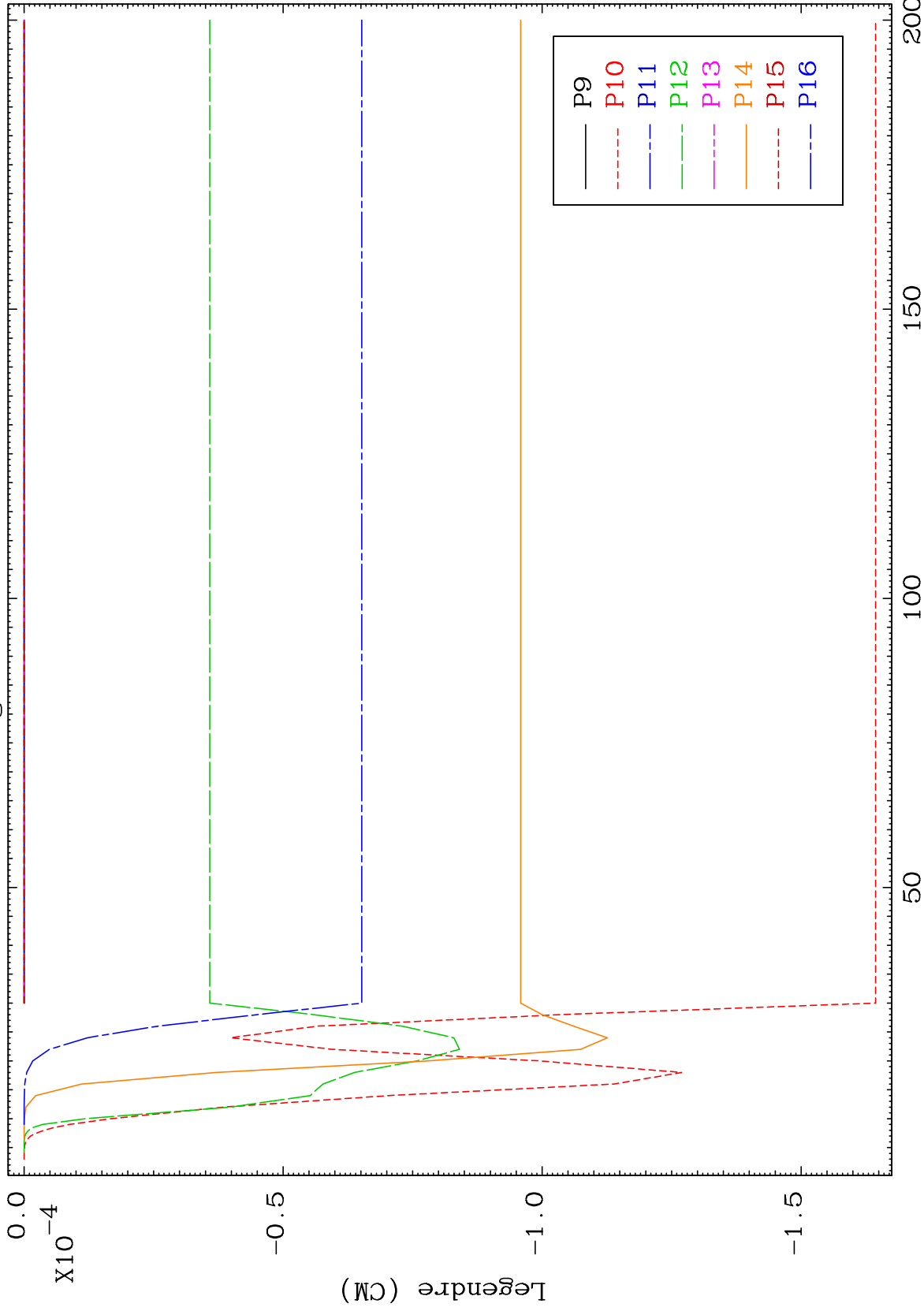
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40-Zr-91

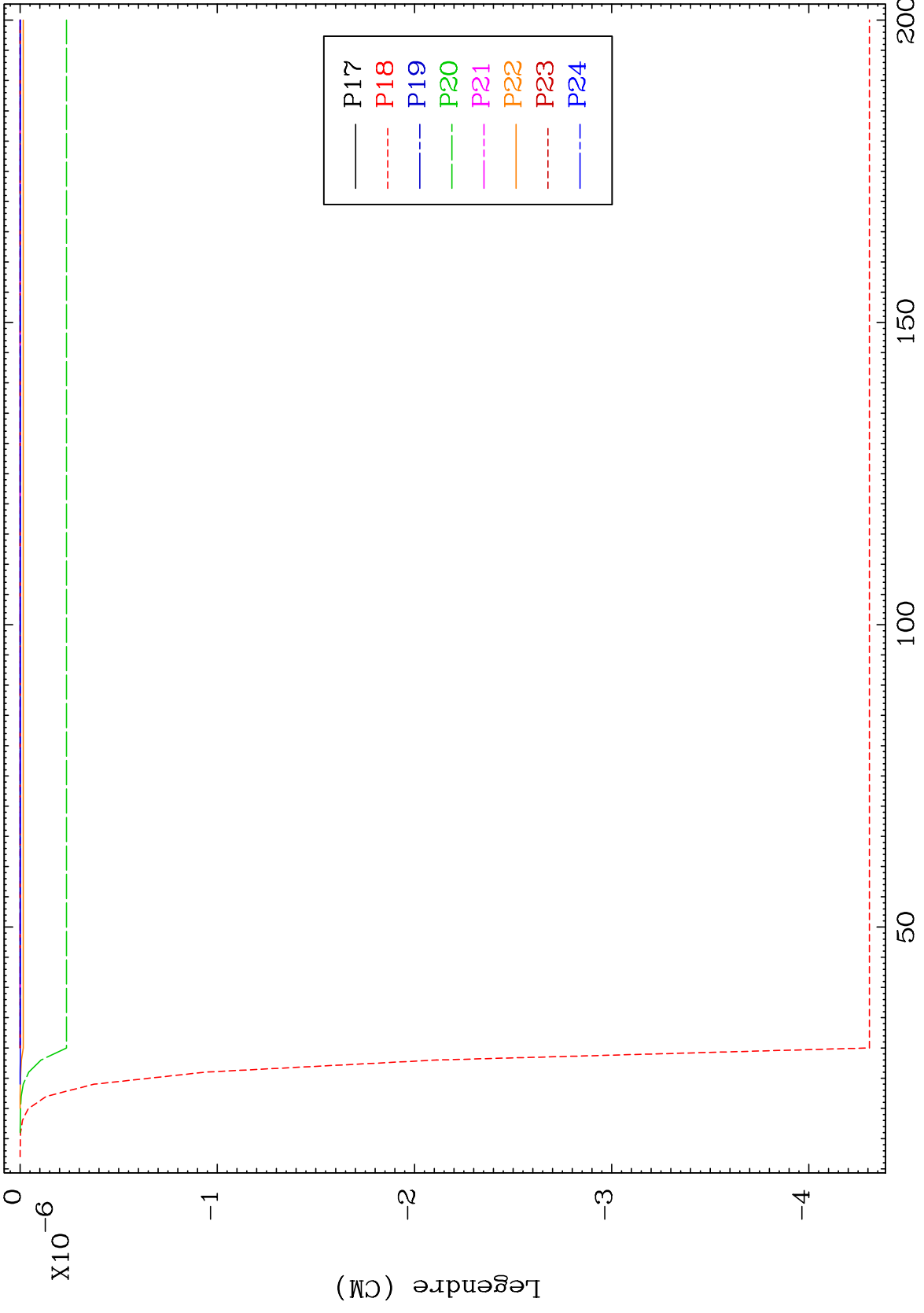




MAT 4028 MT= 65 (n,n') Level Legendre Coefficients 40-Zr-91

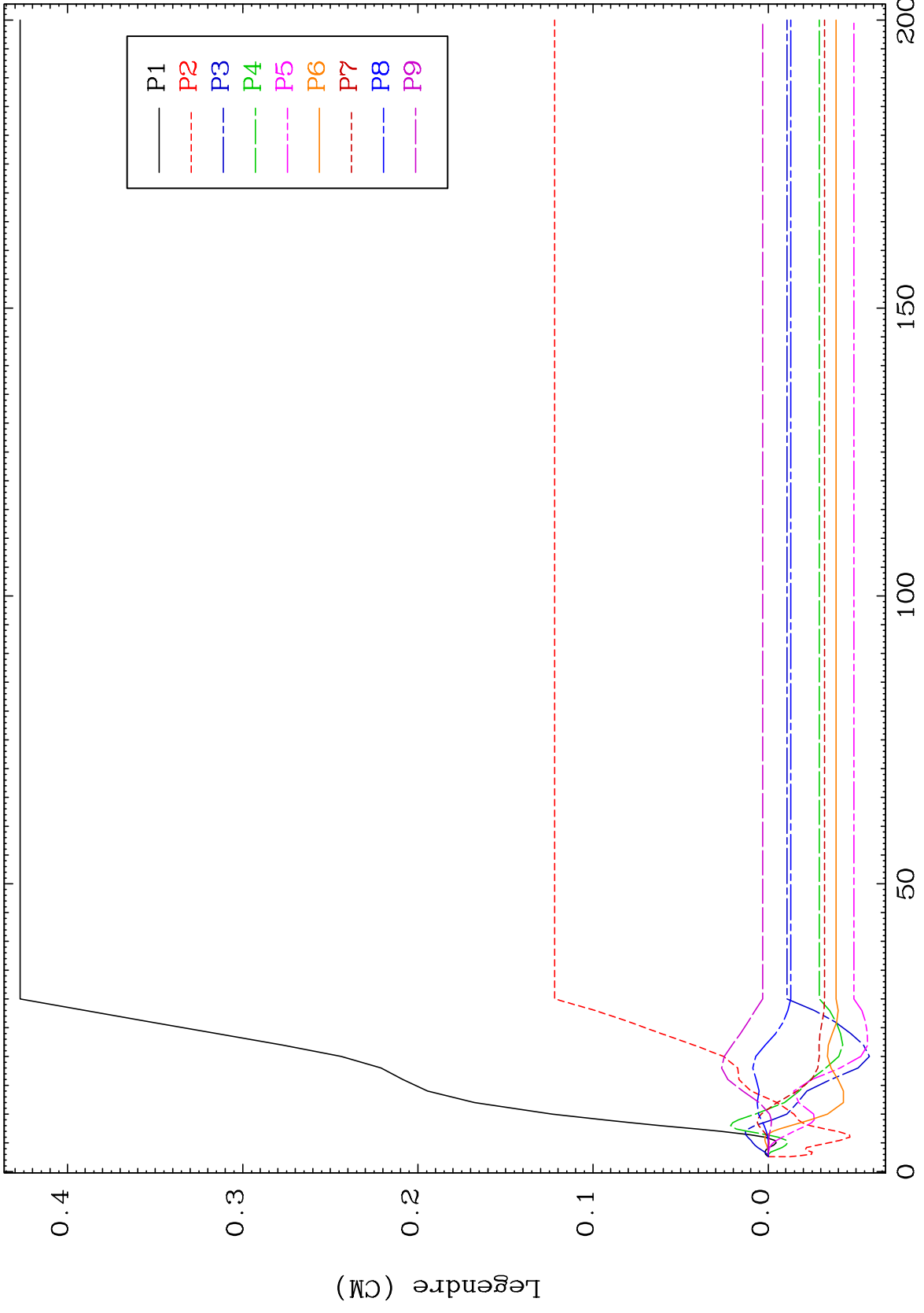


MAT 4028 MT= 65 (n,n') Level Legendre Coefficients 40-Zr-91



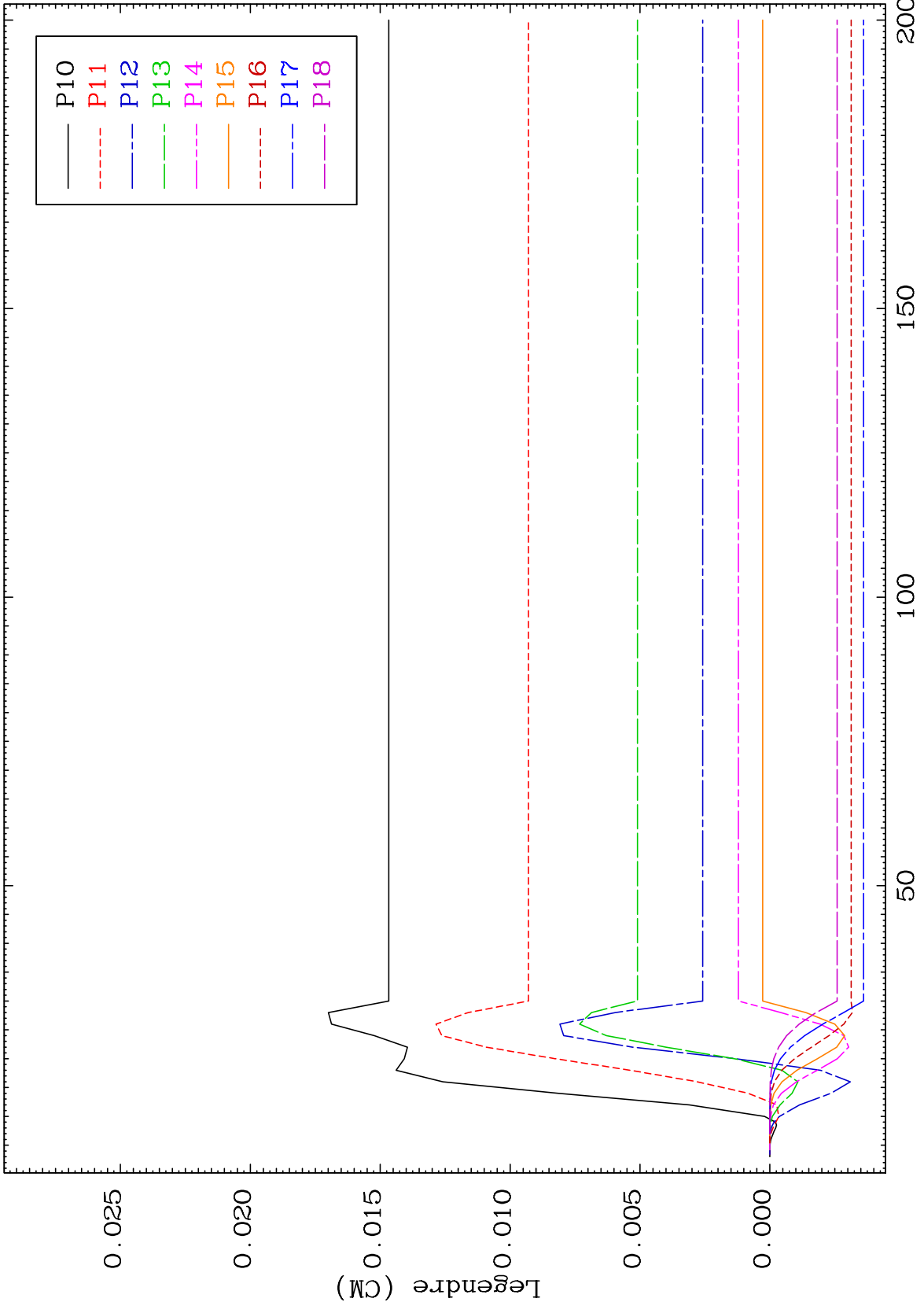
75 Incident Energy (MeV) 40-Zr-91

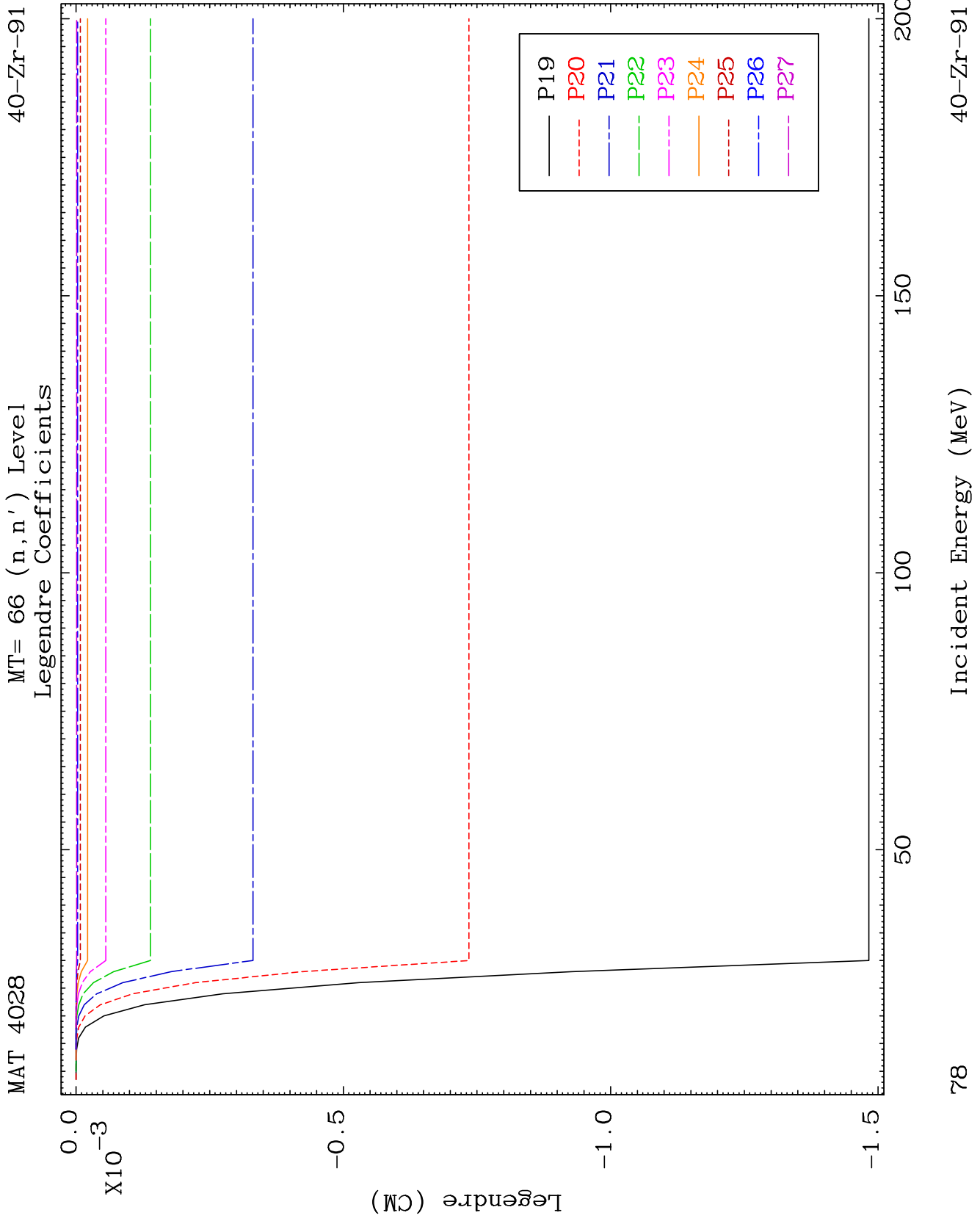
MAT 4028 MT= 66 (n,n') Level Legendre Coefficients 40-Zr-91

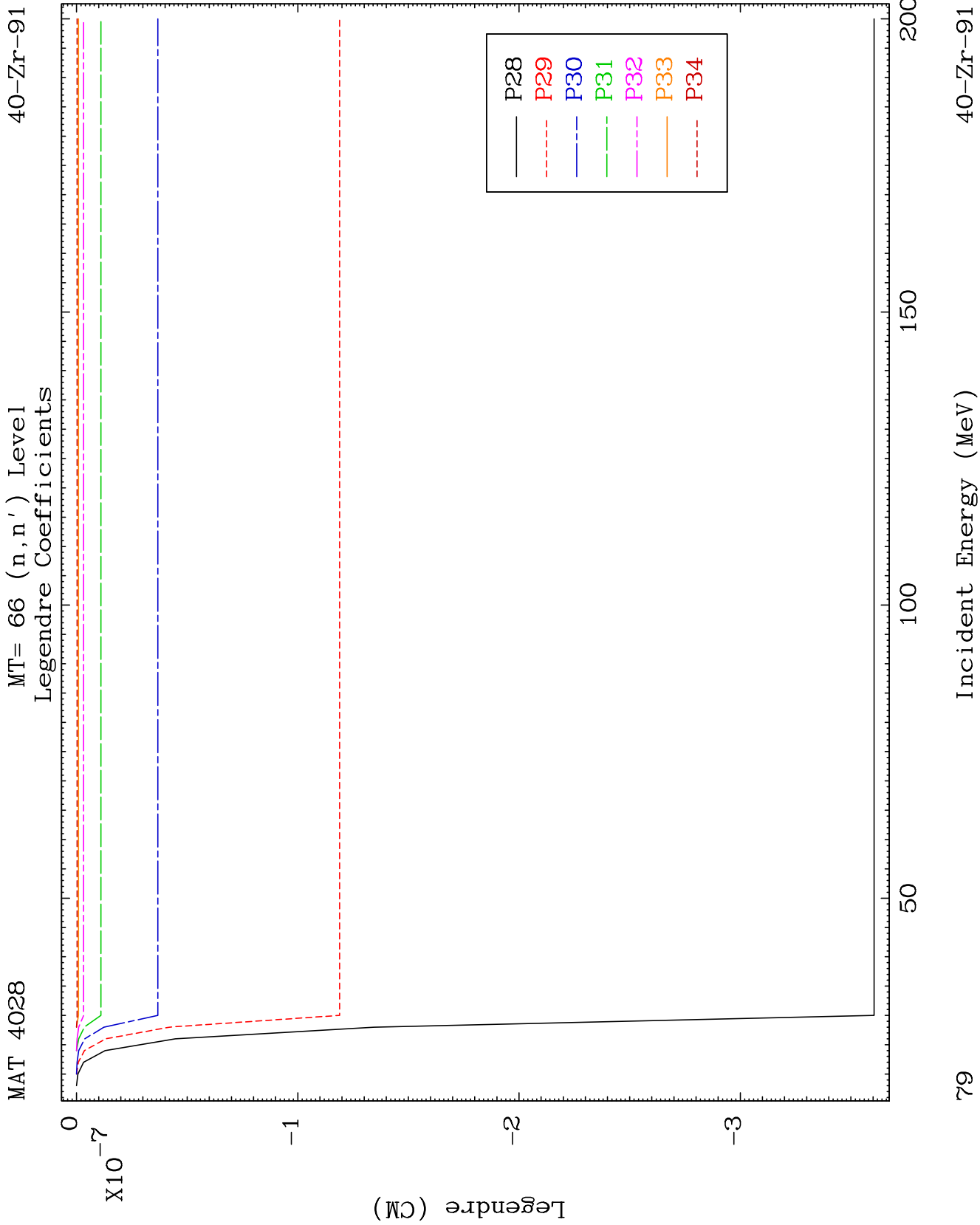


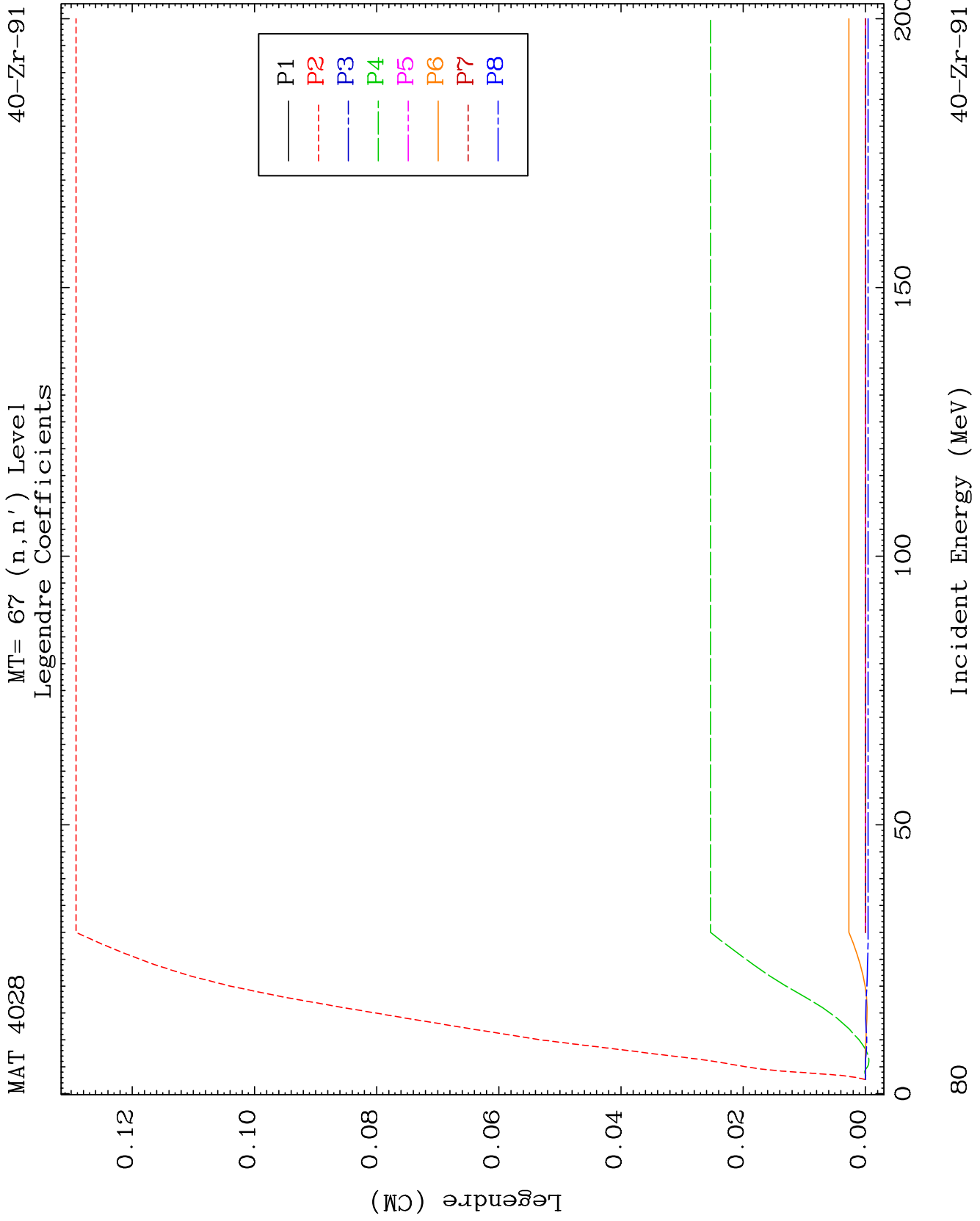
76 Incident Energy (MeV) 40-Zr-91

MAT 4028 MT= 66 (n,n') Level Legendre Coefficients 40-Zr-91





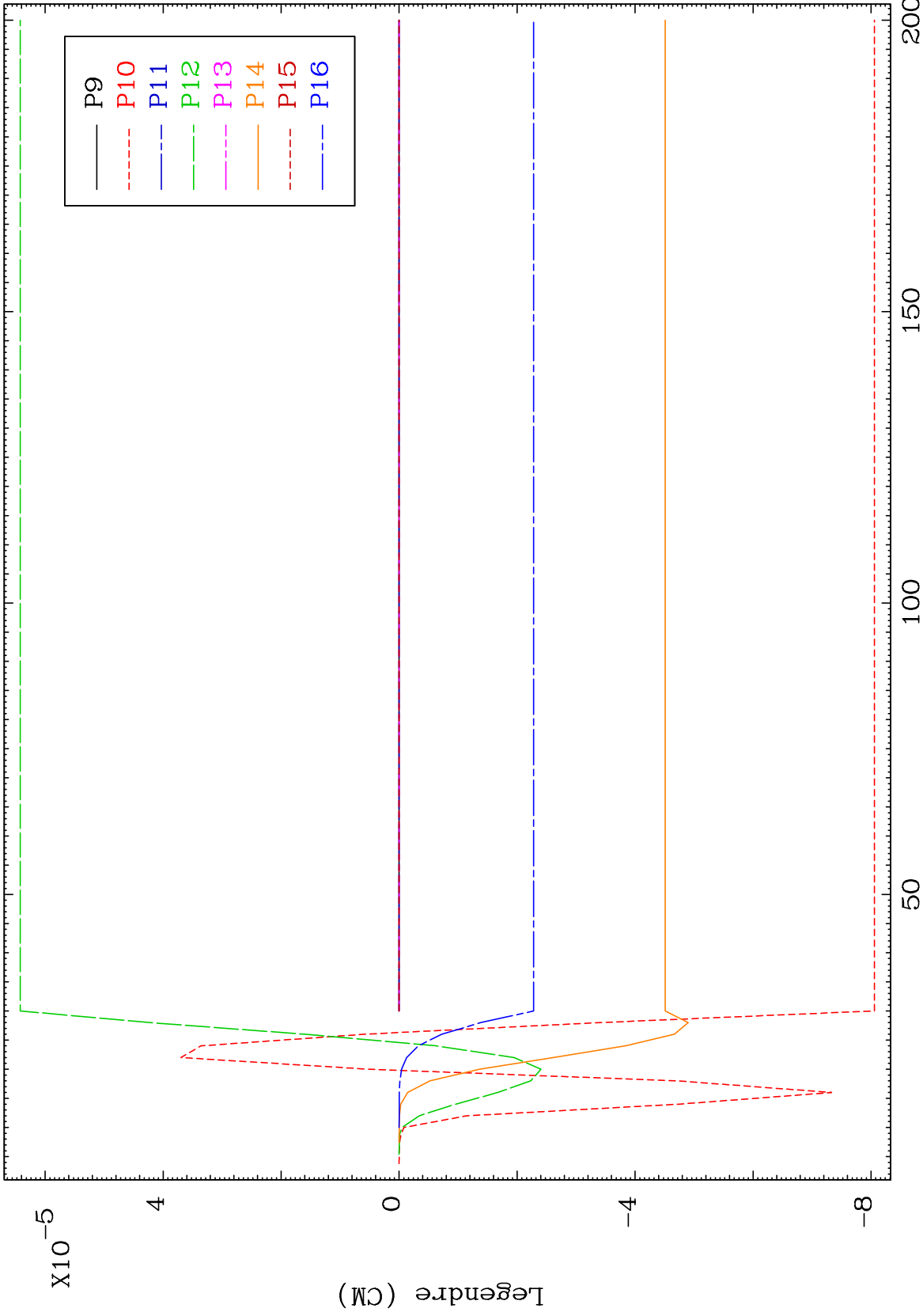




MAT 4028

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

40-Zr-91

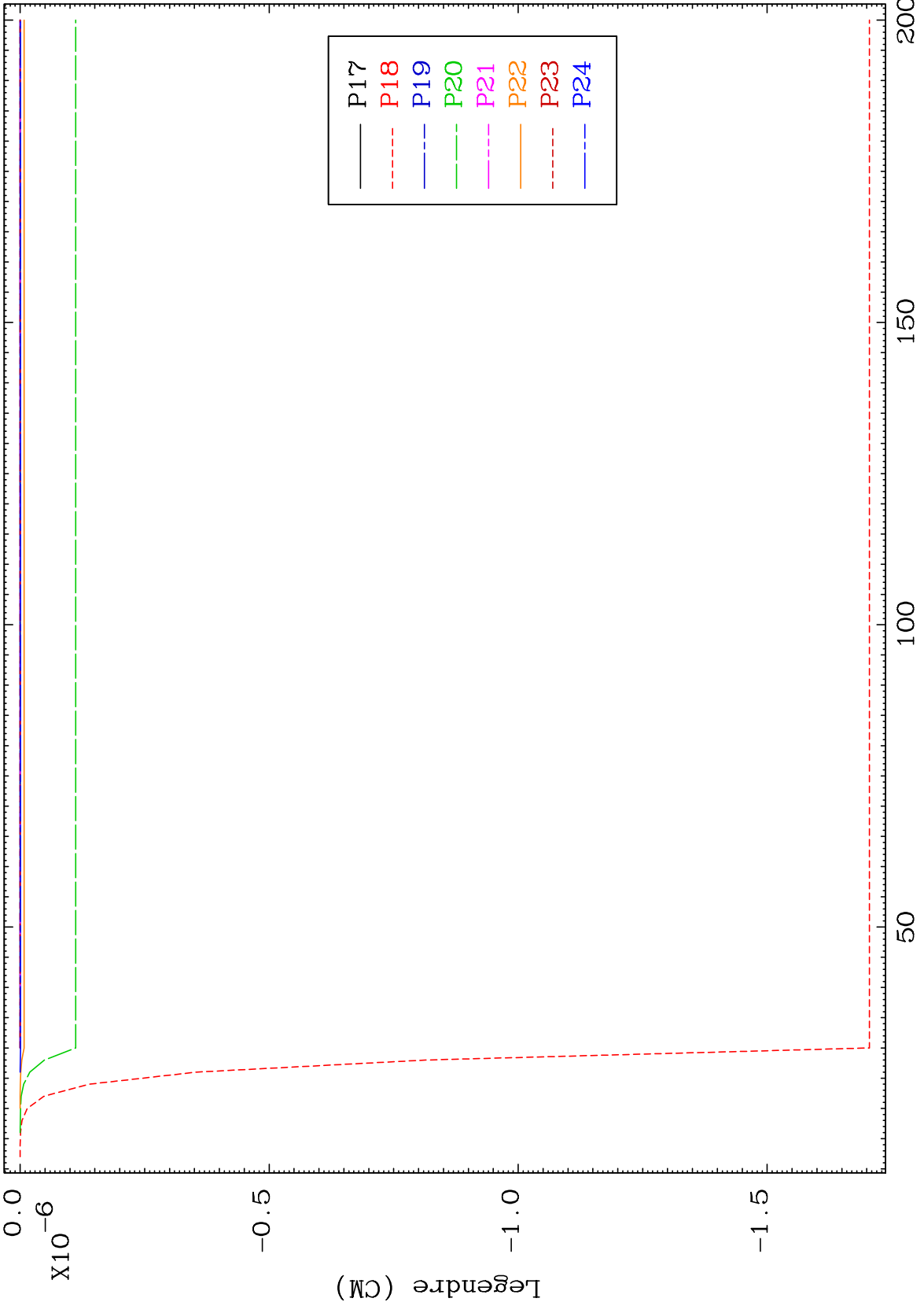


81

Incident Energy (MeV)

40-Zr-91

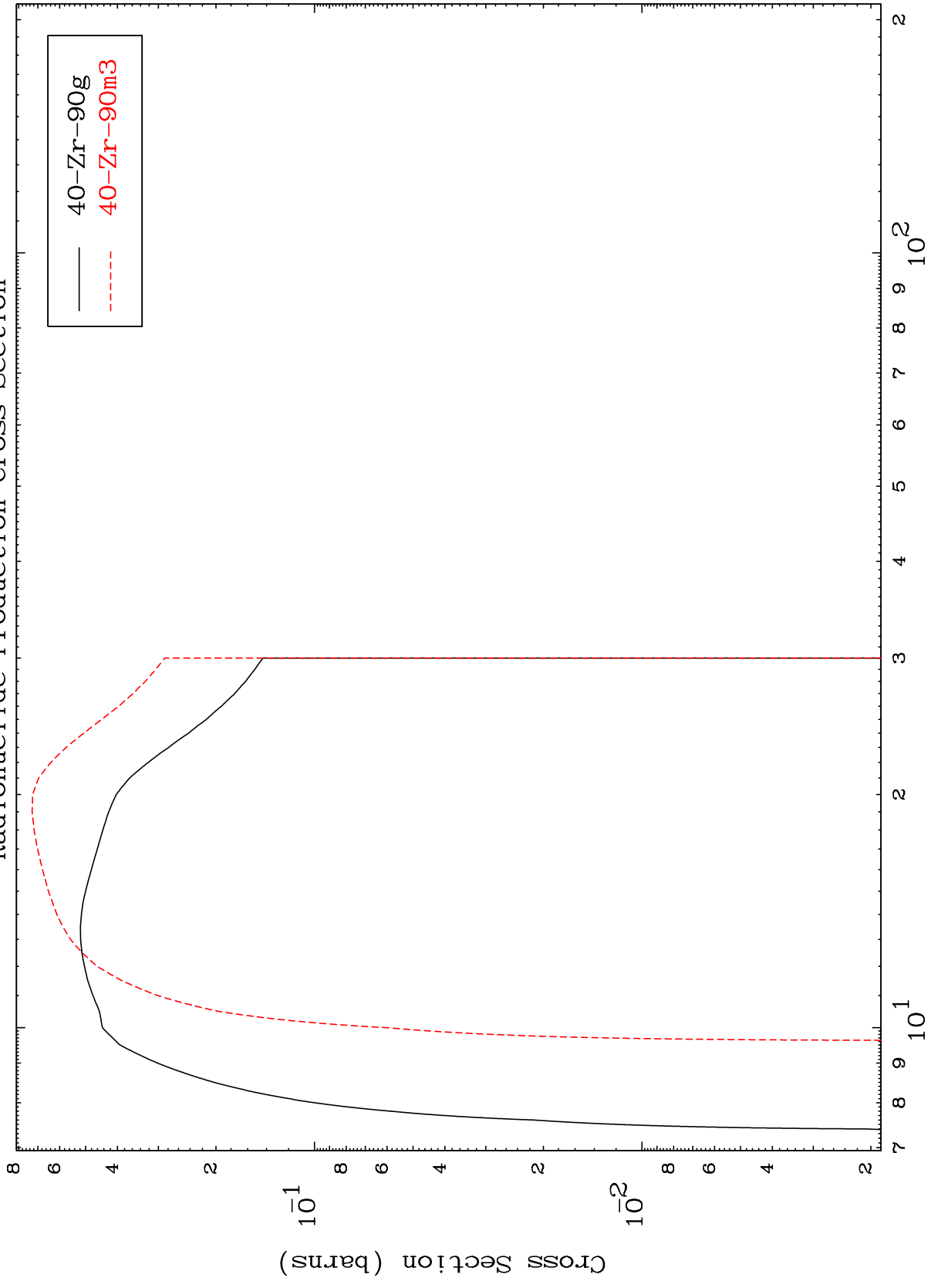
MAT 4028 MT= 67 (n,n') Level Legendre Coefficients 40-Zr-91



MAT 4028

40-Zr-91

(n,2n)
Radionuclide Production Cross Section



40-Zr-90g
40-Zr-90m3

83

40-Zr-91

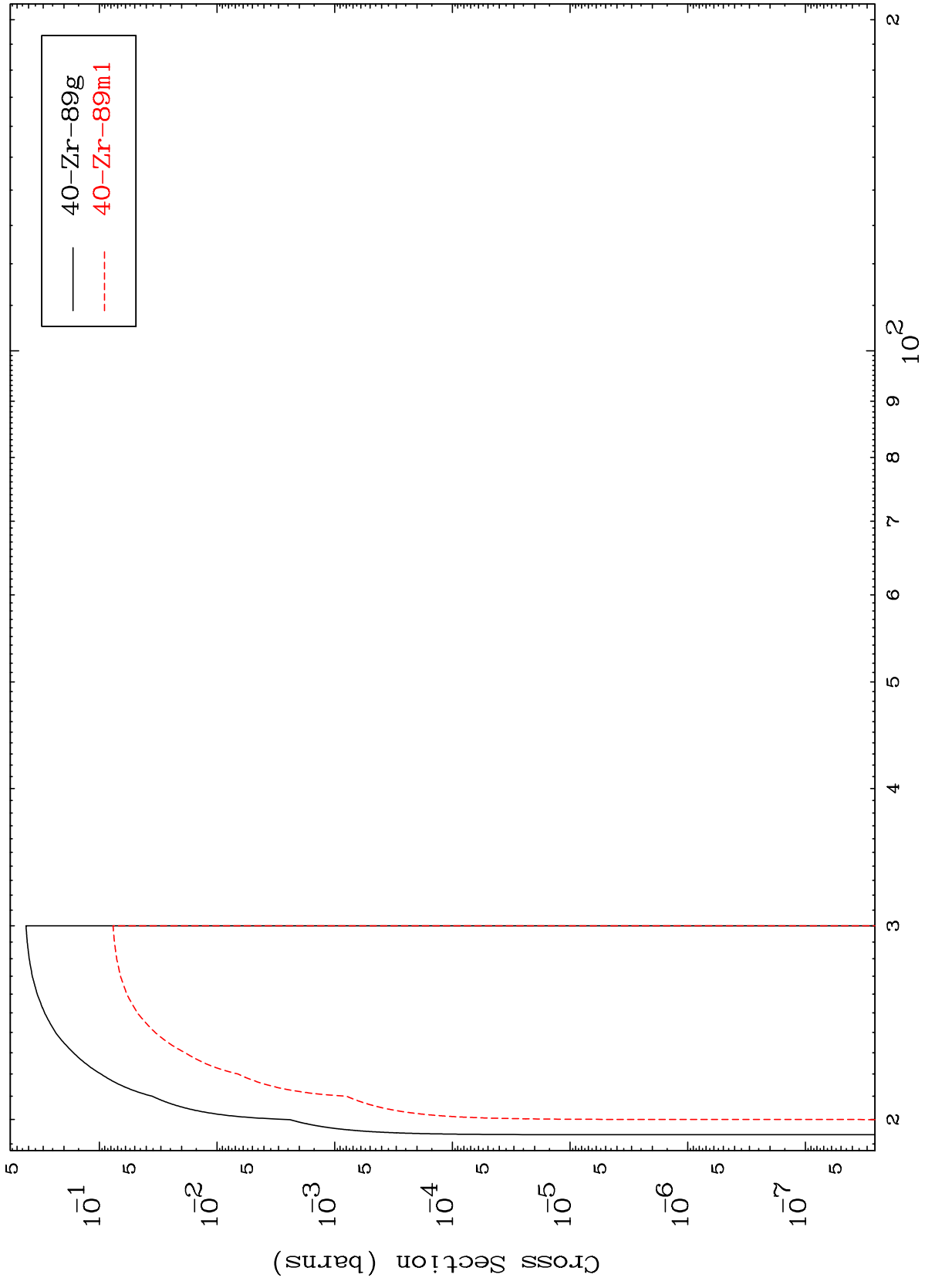
Incident Energy (MeV)

MAT 4028

(n,3n)

40-Zr-91

Radionuclide Production Cross Section



40-Zr-89g
40-Zr-89m1

84

Incident Energy (MeV)

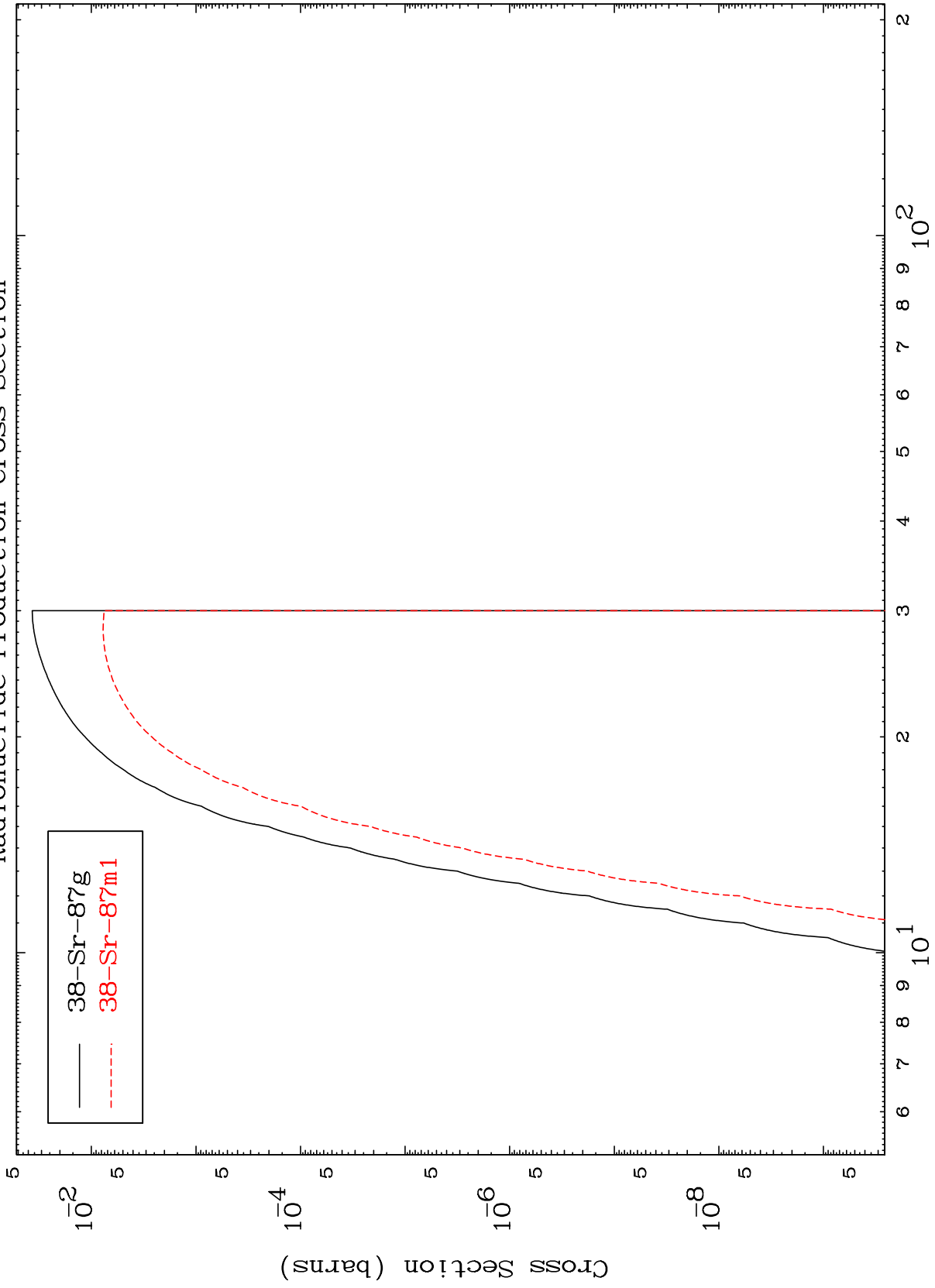
40-Zr-91

MAT 4028

(n,n') α

40-Zr-91

Radionuclide Production Cross Section

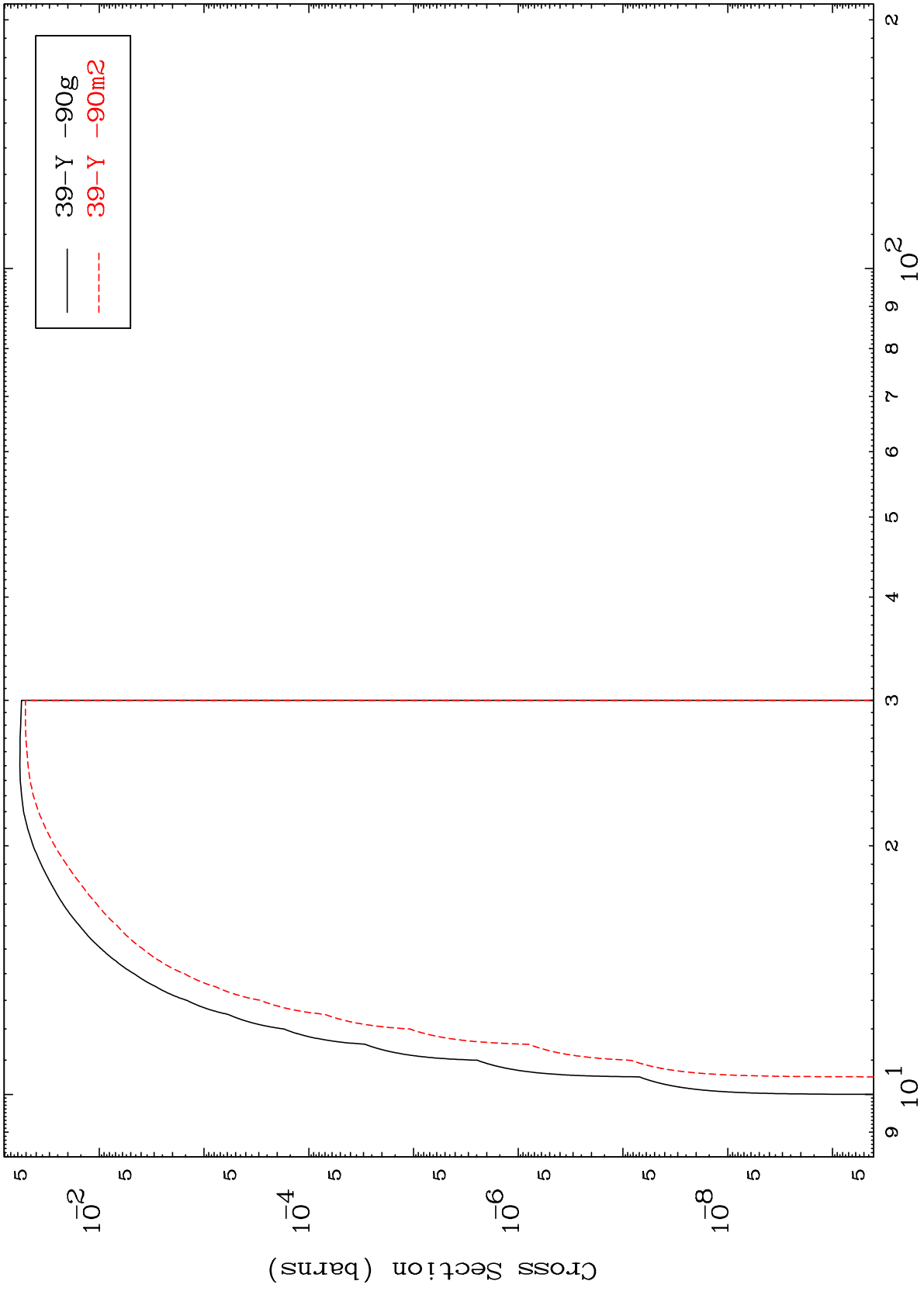


38-Sr-87g
38-Sr-87m1

MAT 4028

40-Zr-91

(n,n') p
Radionuclide Production Cross Section



86

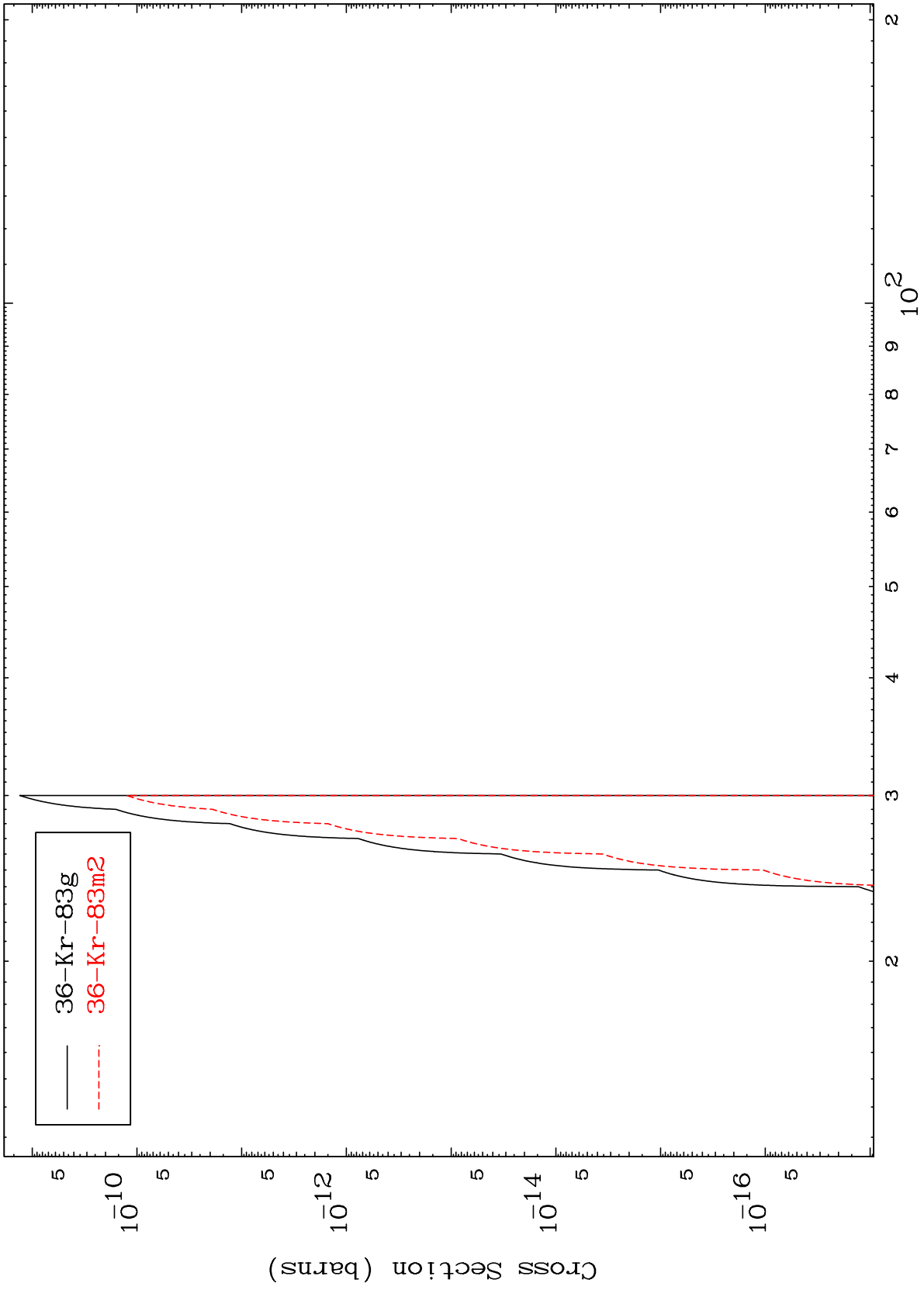
40-Zr-91

Incident Energy (MeV)

MAT 4028

40-Zr-91

(n,n') 2α
Radionuclide Production Cross Section



87

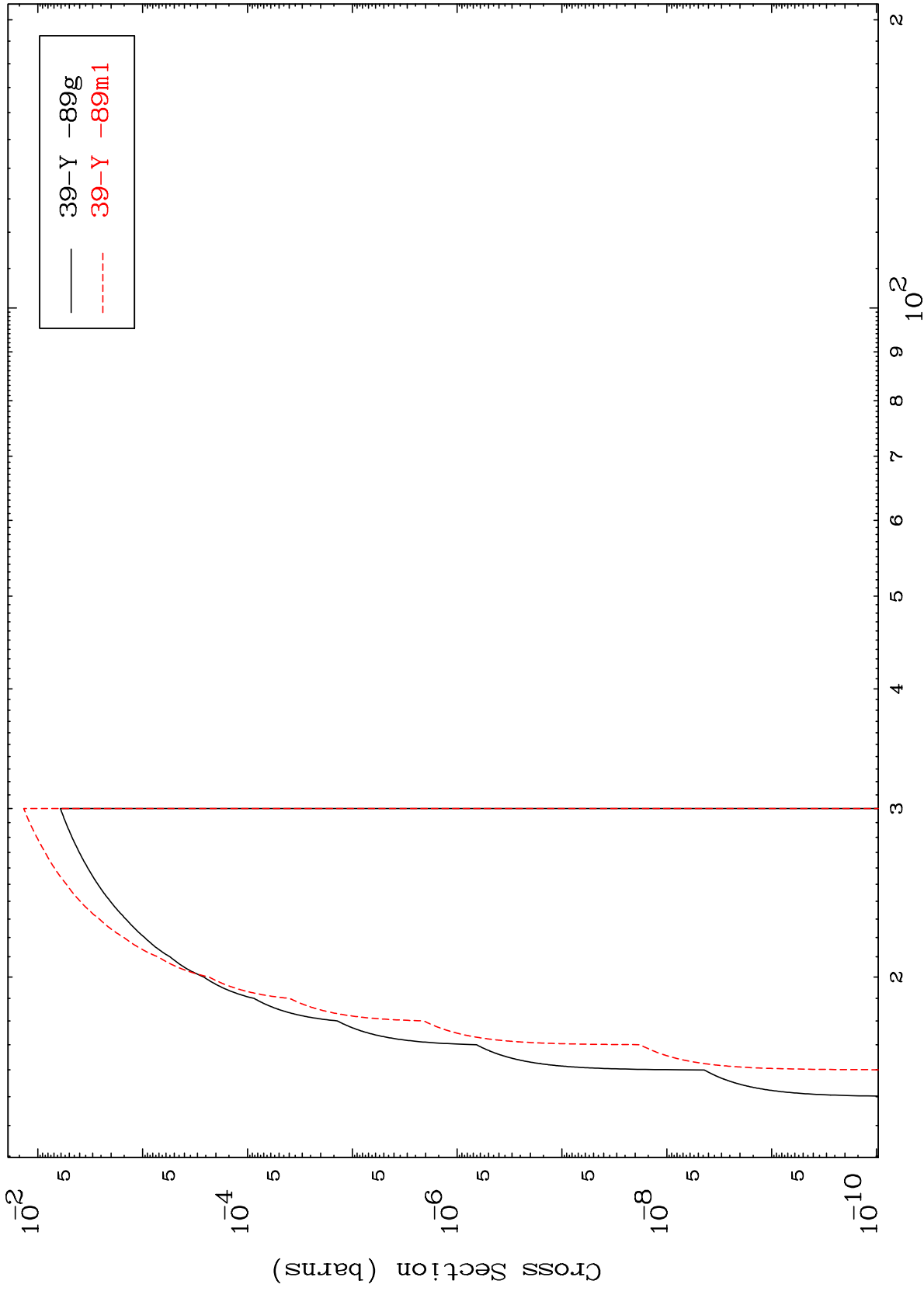
40-Zr-91

MAT 4028

(n,n') d

40-Zr-91

Radionuclide Production Cross Section



88

Incident Energy (MeV)

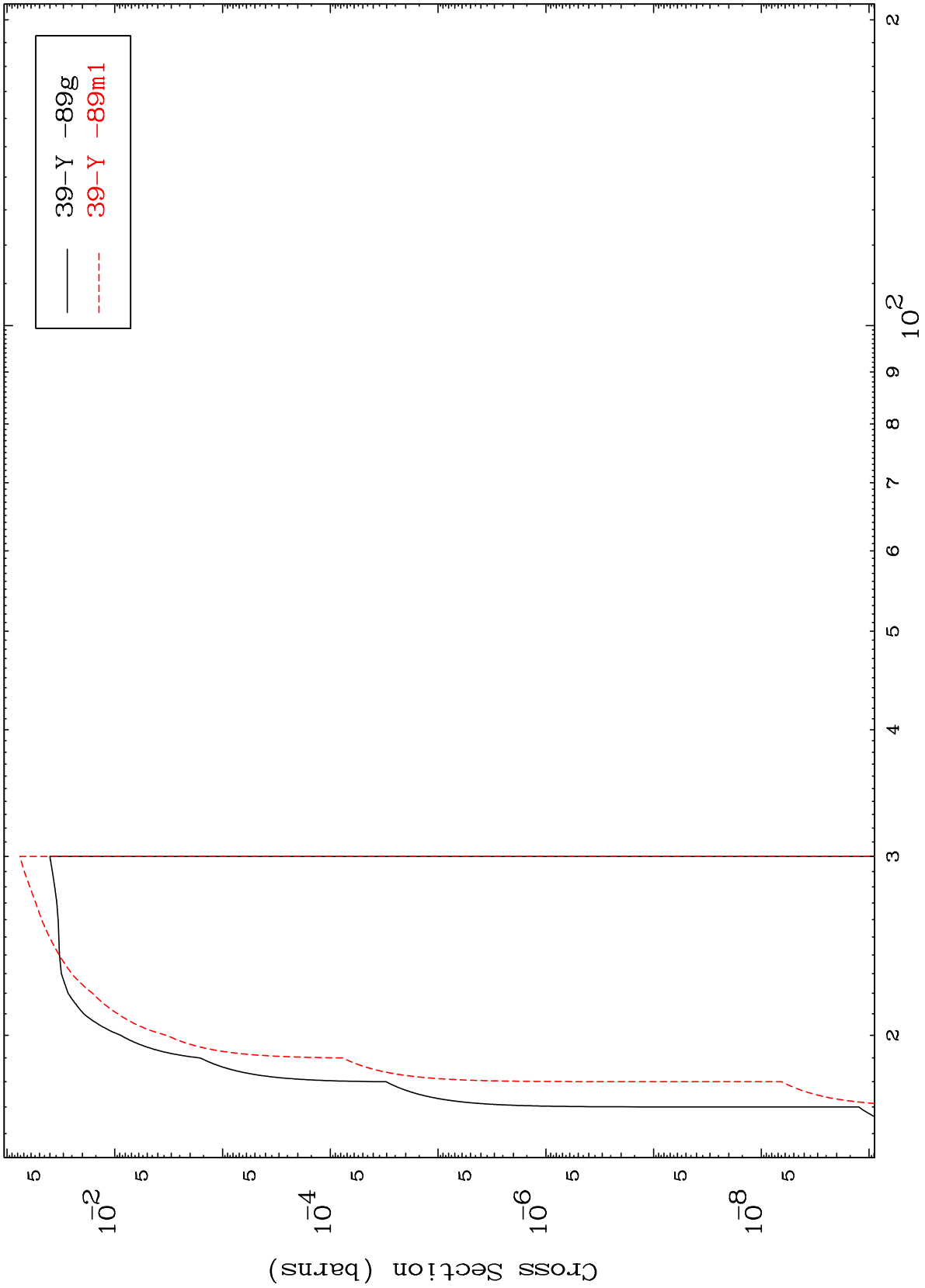
40-Zr-91

MAT 4028

(n,2n) p

40-Zr-91

Radionuclide Production Cross Section



39-Y -89g
39-Y -89m1

89

Incident Energy (MeV)

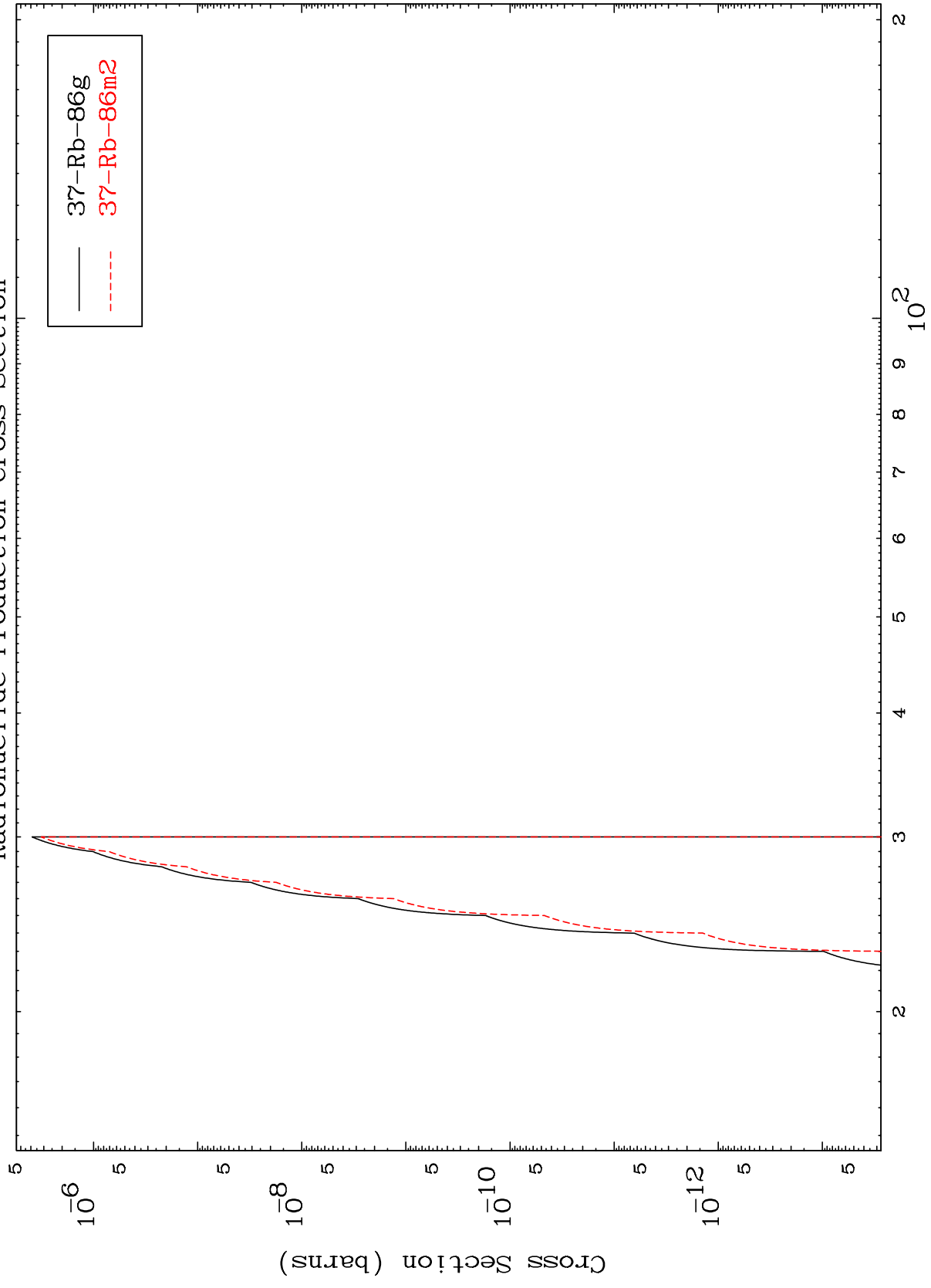
40-Zr-91

MAT 4028

(n,n') p α

40-Zr-91

Radionuclide Production Cross Section



90

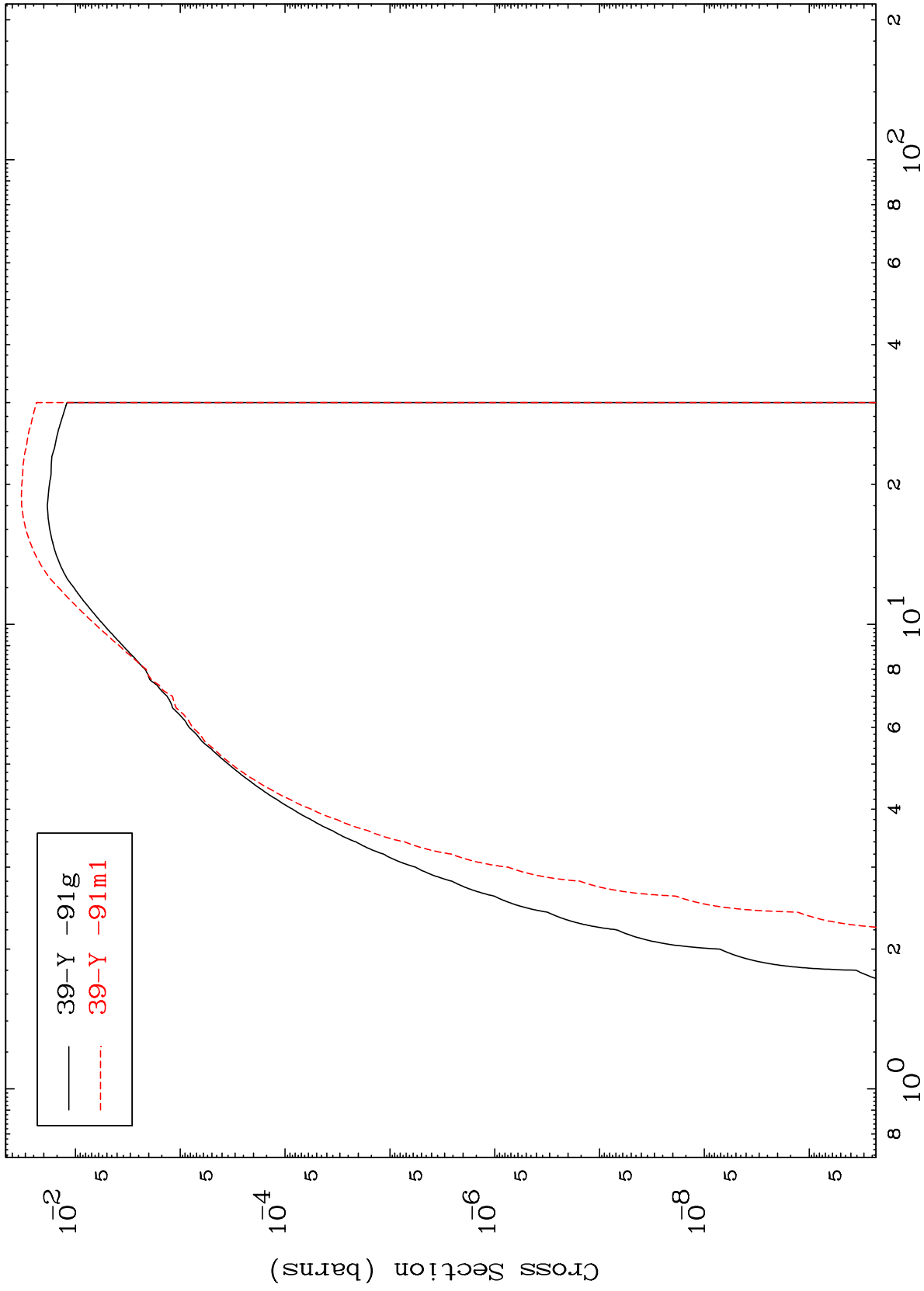
Incident Energy (MeV)

40-Zr-91

MAT 4028

40-Zr-91

Radionuclide Production Cross Section (n,p)



91

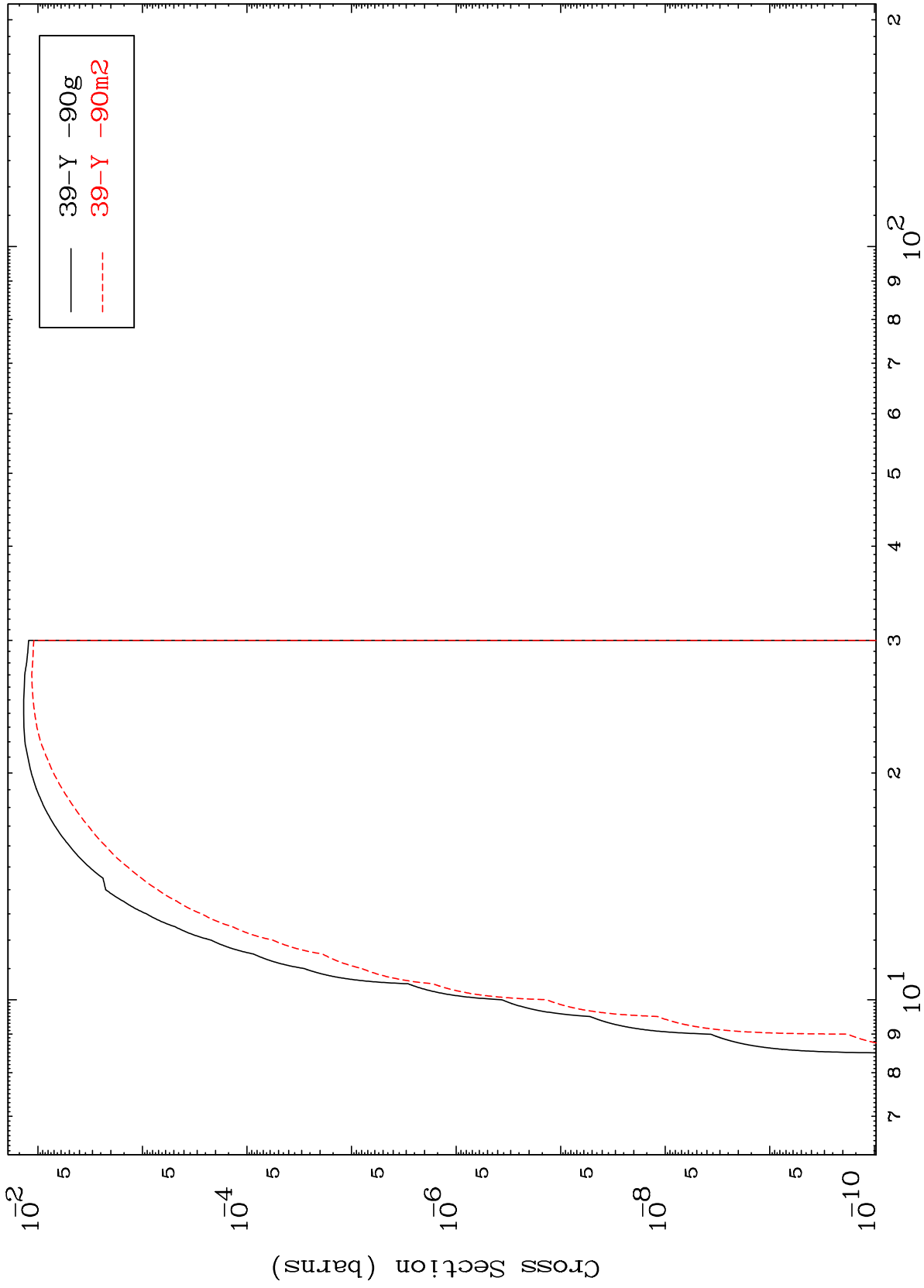
Incident Energy (MeV)

40-Zr-91

MAT 4028

40-Zr-91

(n,d)
Radionuclide Production Cross Section



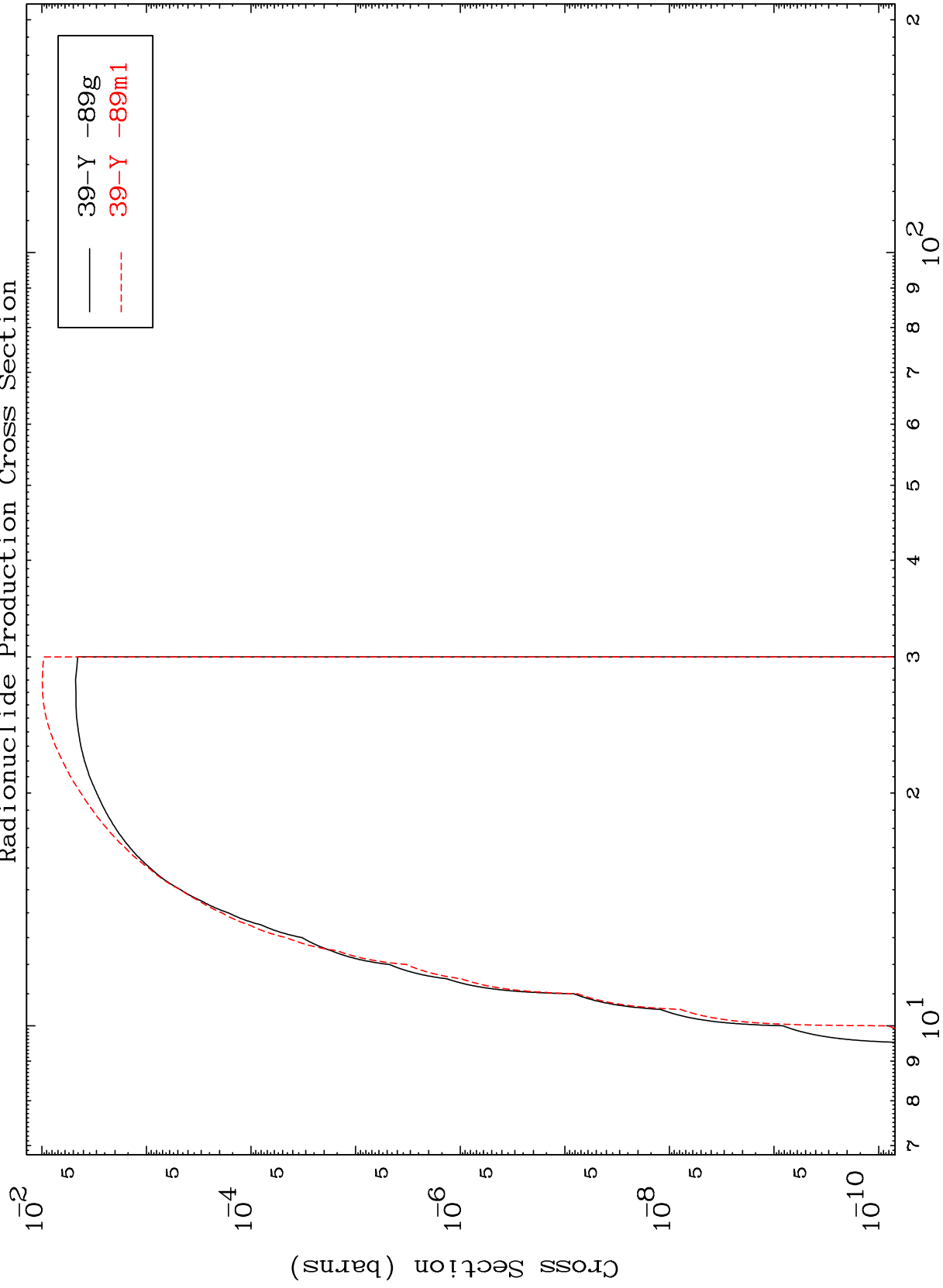
92

40-Zr-91

MAT 4028

40-Zr-91

(n, t)
Radionuclide Production Cross Section



93

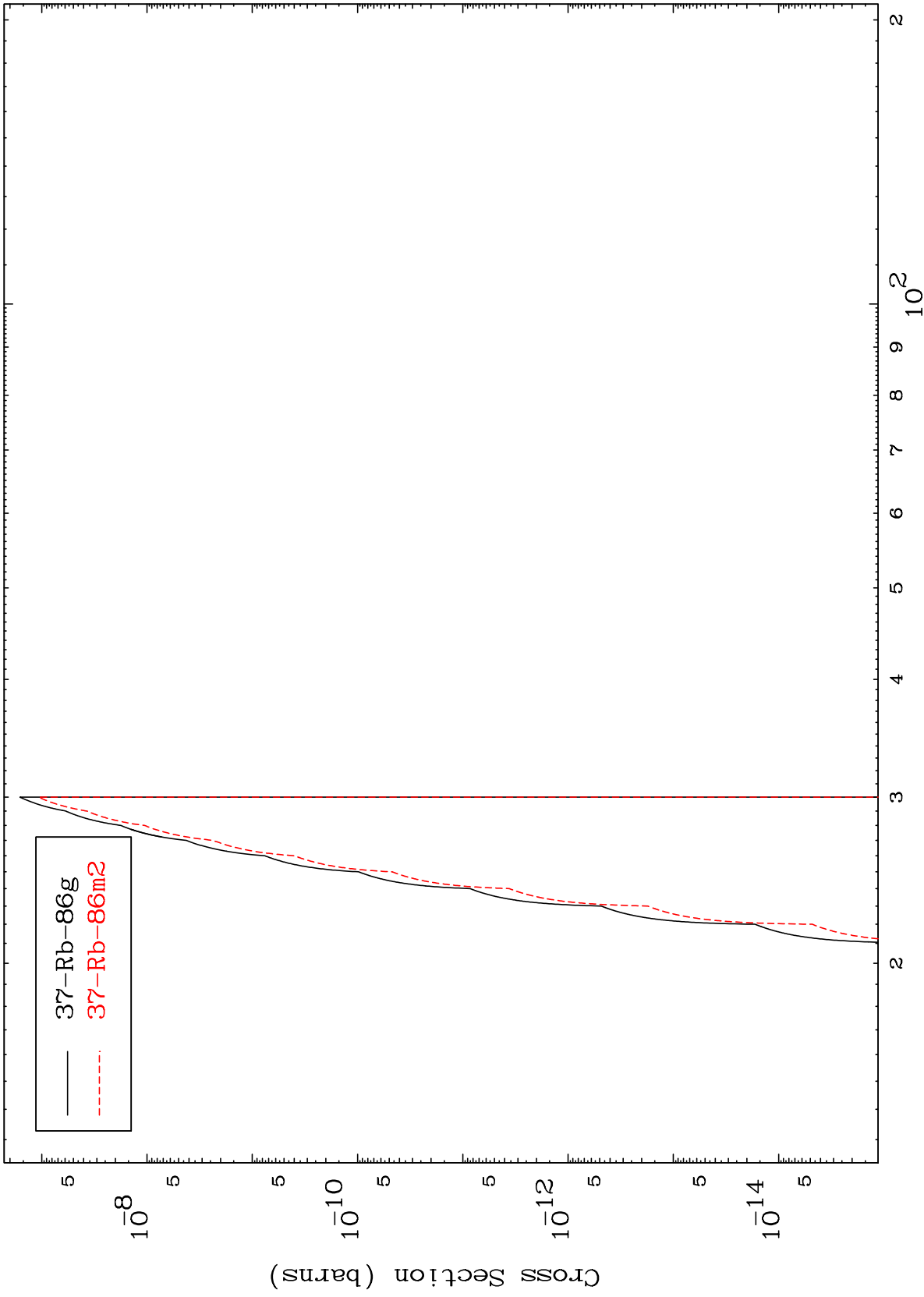
40-Zr-91

MAT 4028

(n,d) α

40-Zr-91

Radionuclide Production Cross Section



94

Incident Energy (MeV)

40-Zr-91