

Program EVALPLOT
(Version 2015-2)

by

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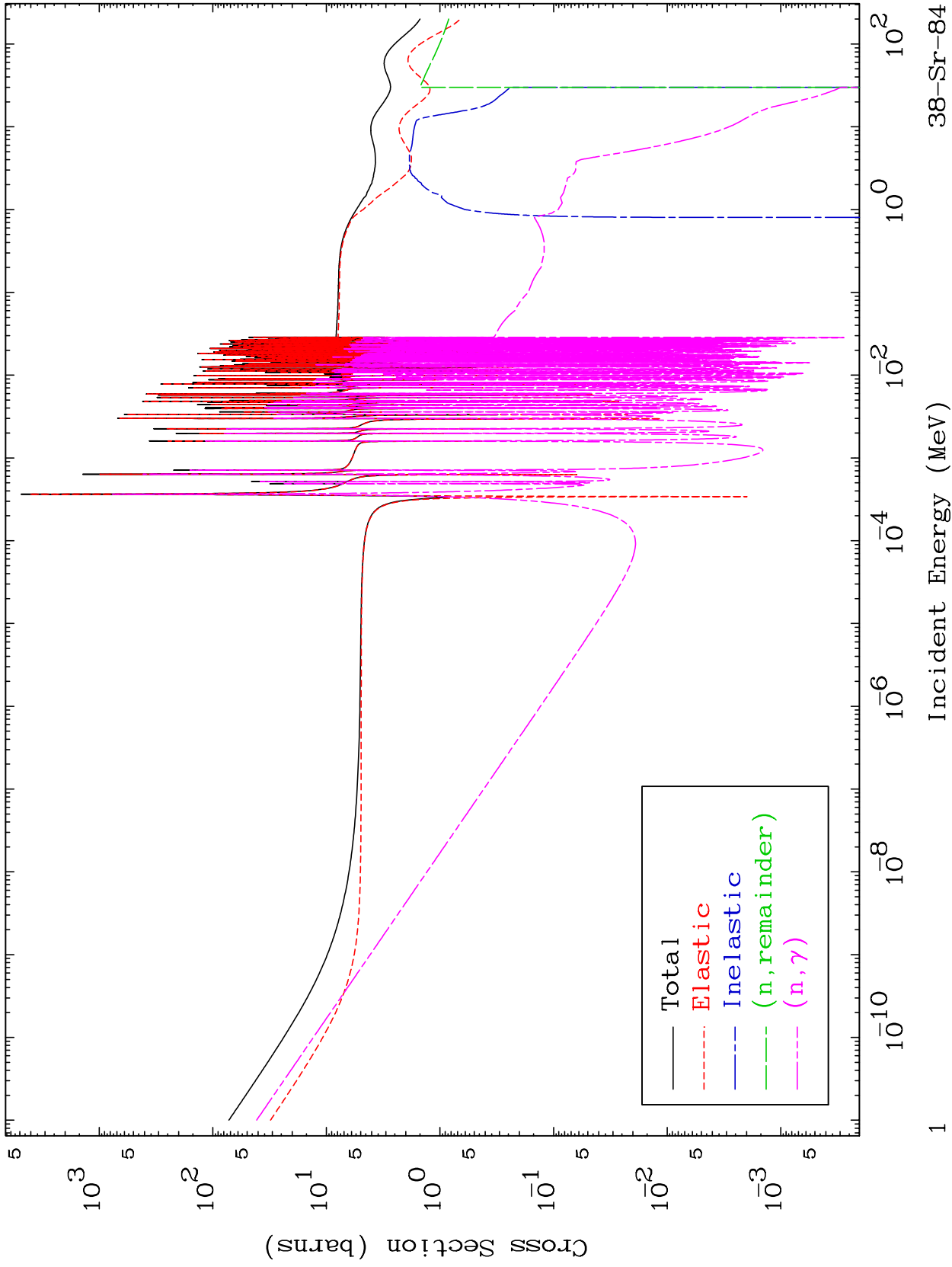
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

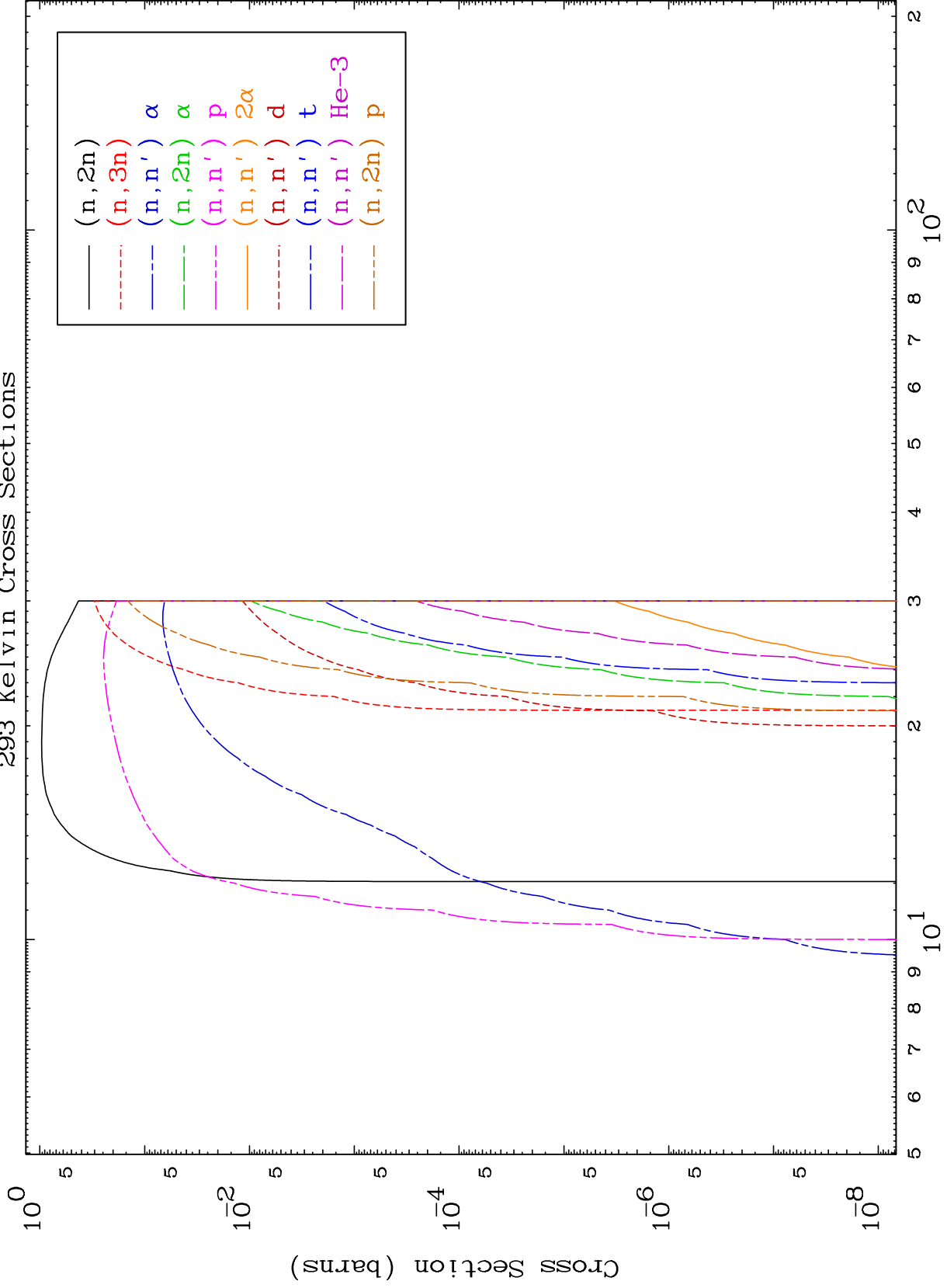
Press Mouse Button to Start

MAT 3825

Major
293 Kelvin Cross Sections

38-Sr-84

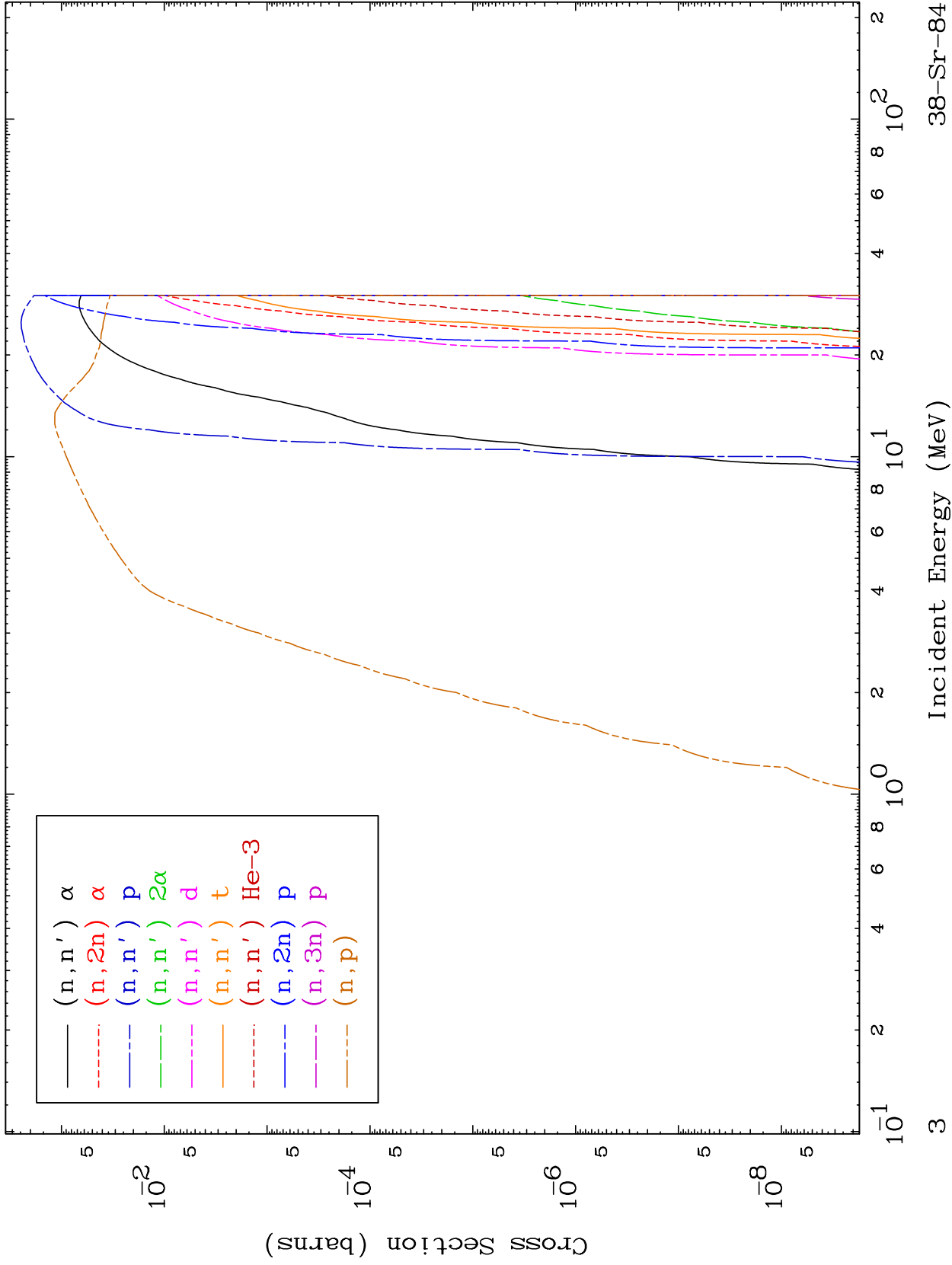




MAT 3825

Charged Particle
293 Kelvin Cross Sections

38-Sr-84



38-Sr-84

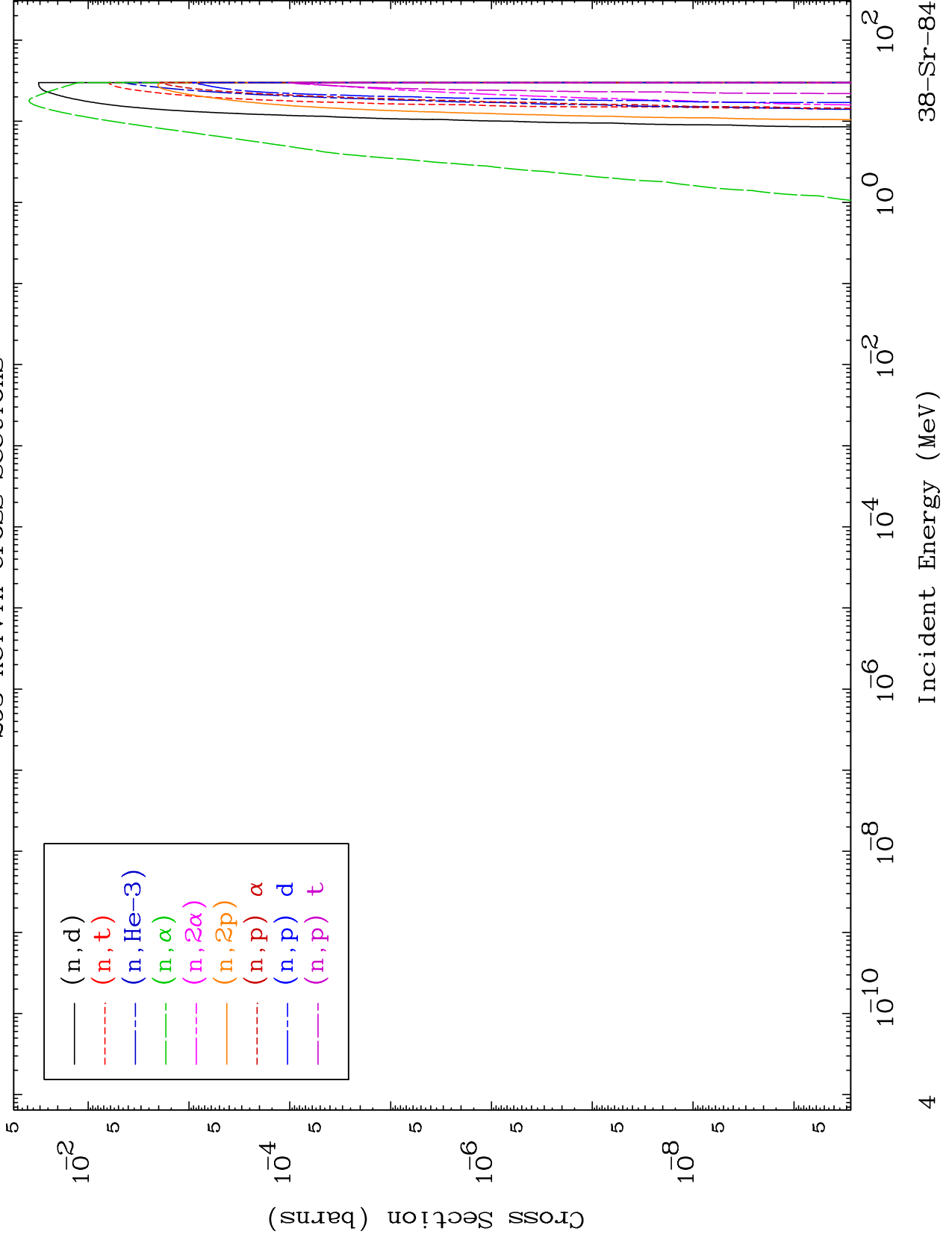
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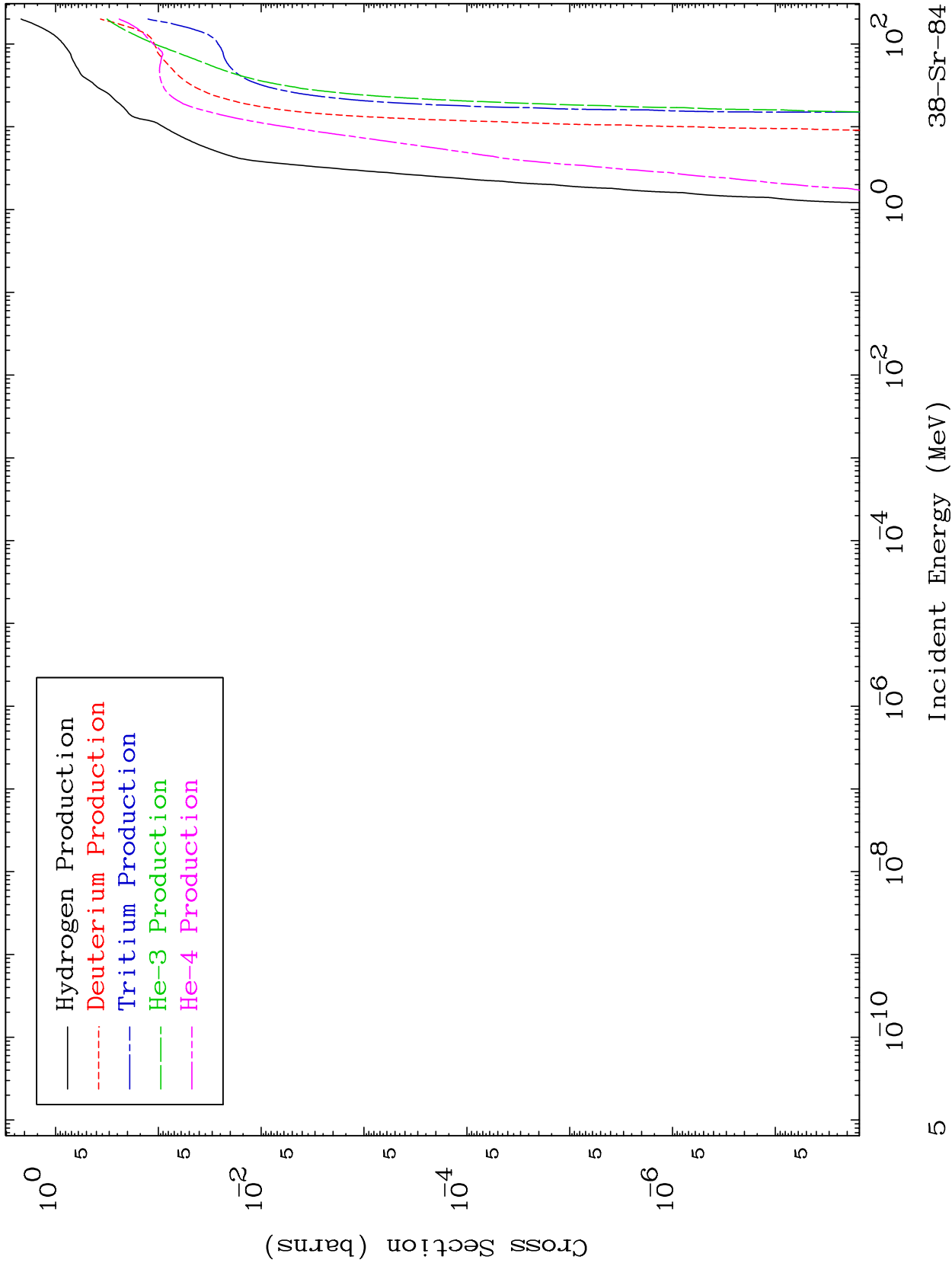
3

MAT 3825

Charged Particle
293 Kelvin Cross Sections

38-Sr-84



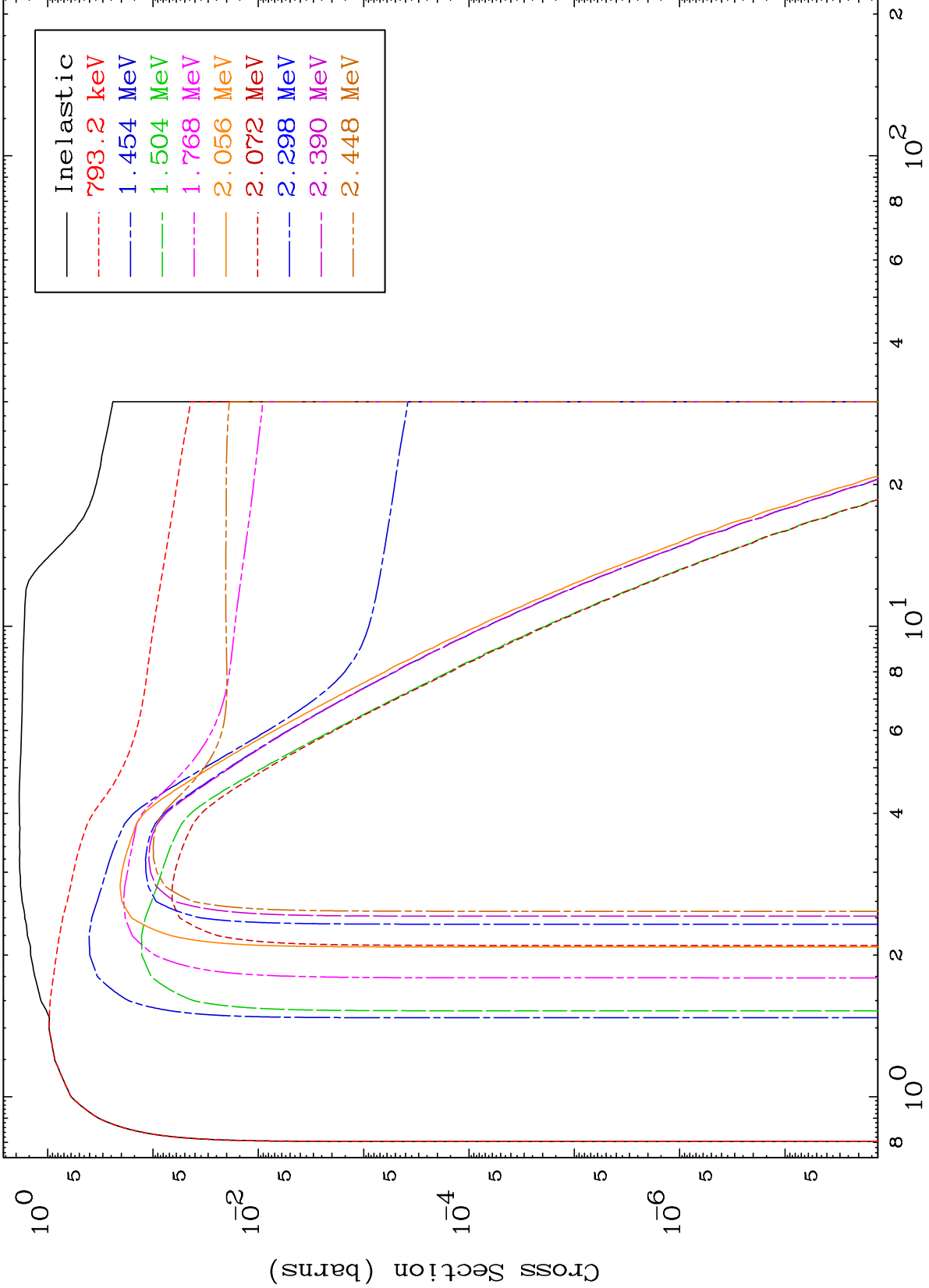


MAT 3825

(n,n') Level

38-Sr-84

293 Kelvin Cross Sections



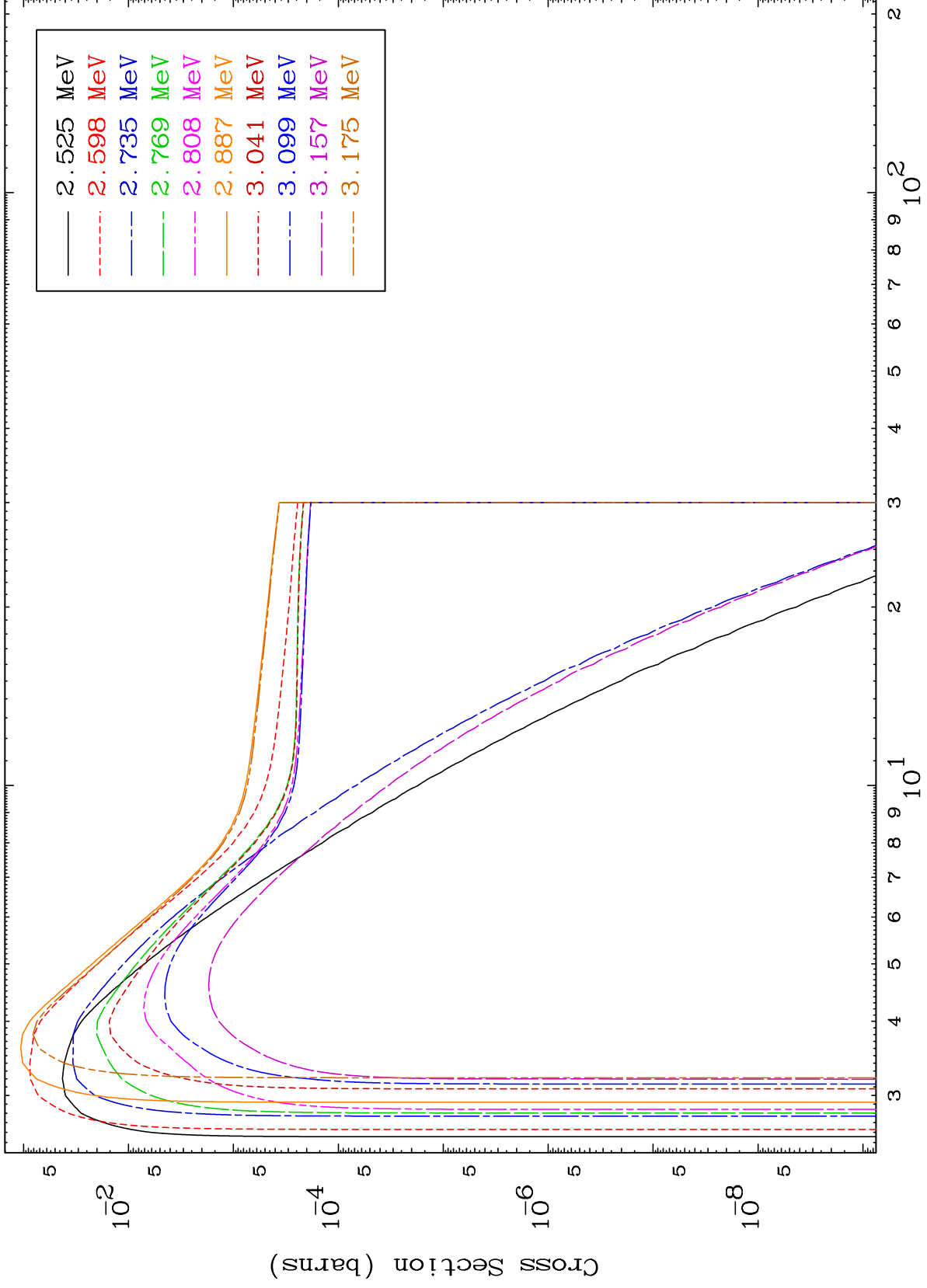
Incident Energy (MeV)

38-Sr-84

MAT 3825

(n,n') Level
293 Kelvin Cross Sections

38-Sr-84

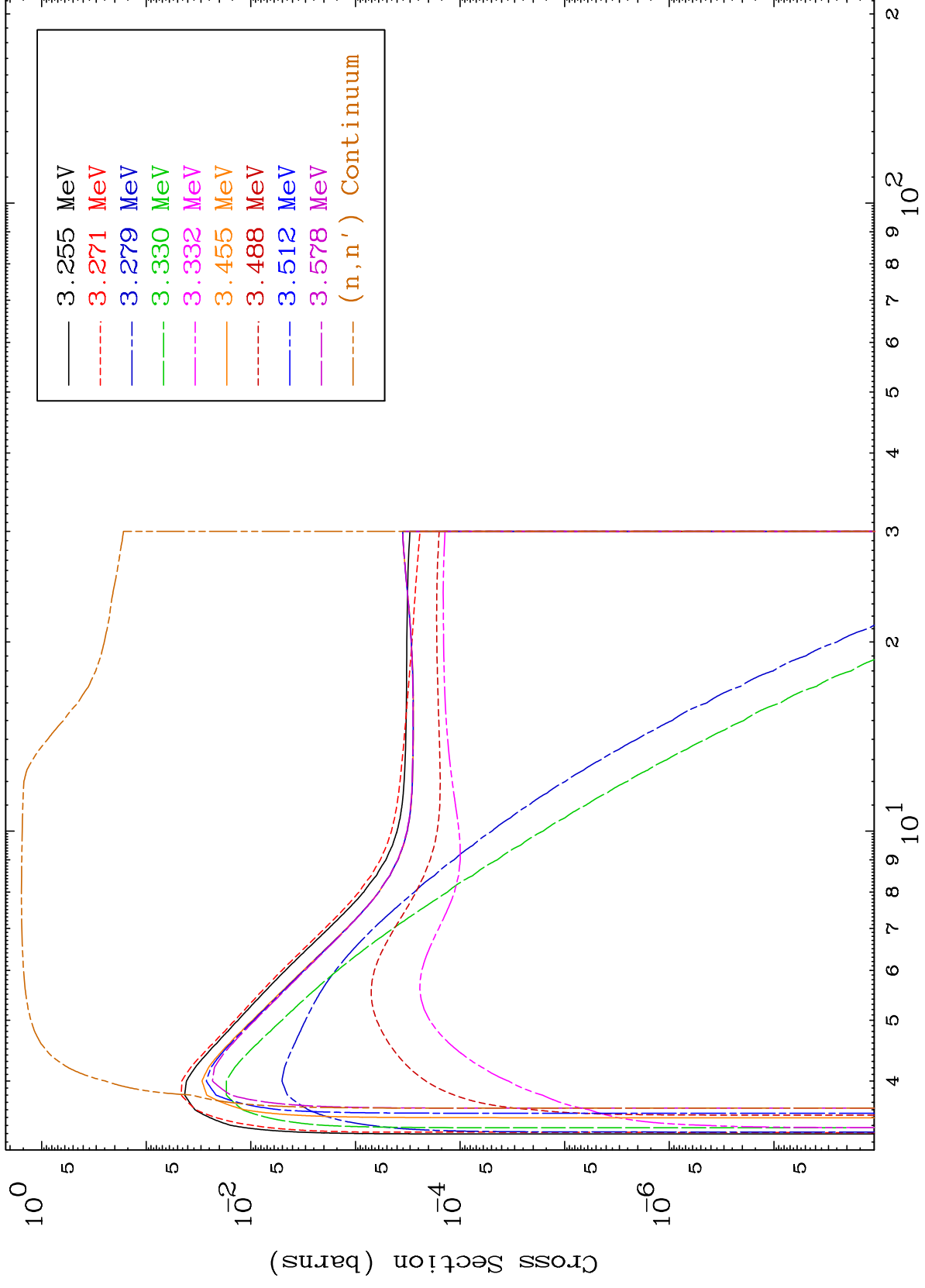


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Incident Energy (MeV)

38-Sr-84

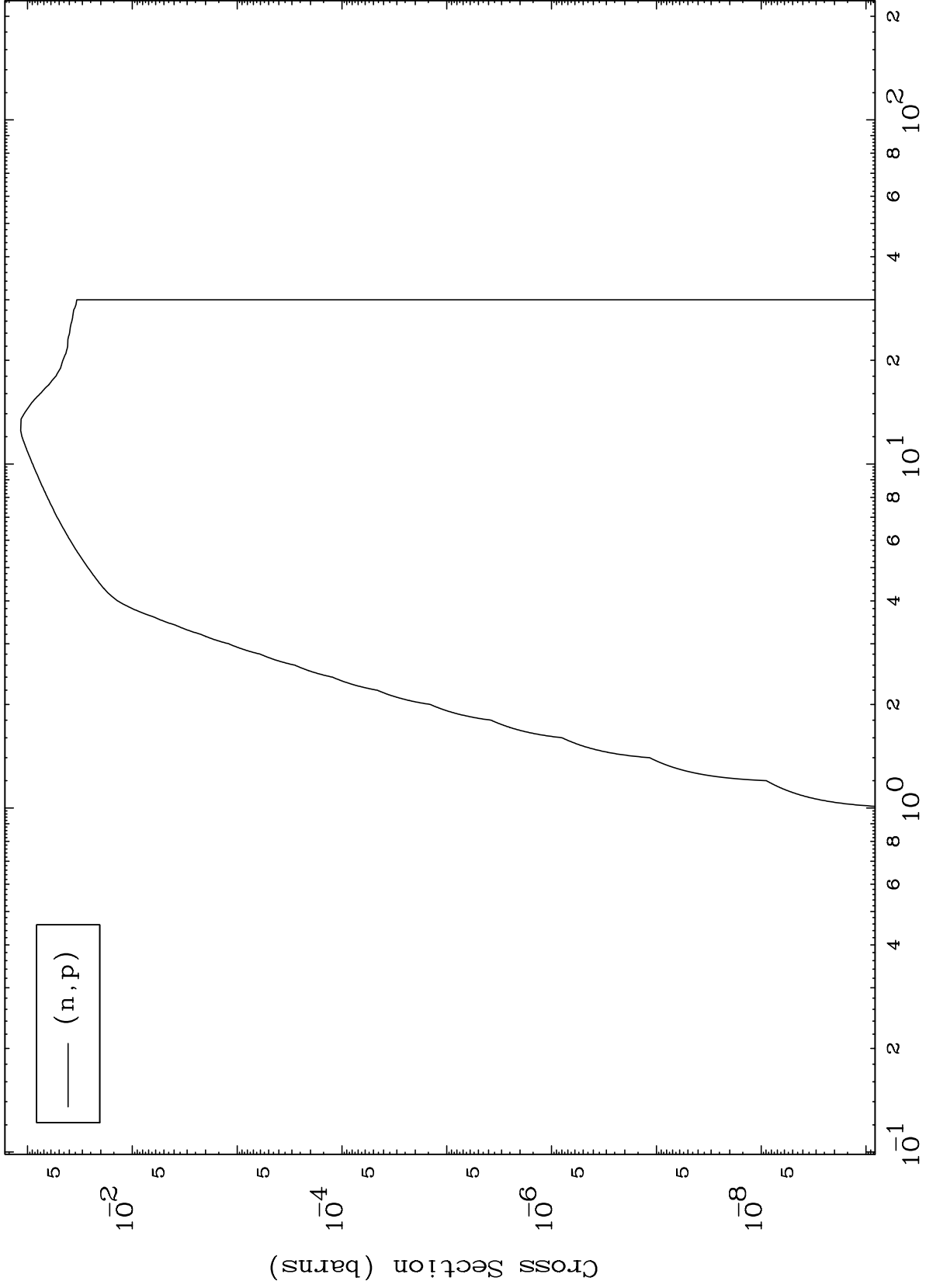
293 Kelvin Cross Sections



MAT 3825

(n,p) Levels
293 Kelvin Cross Sections

38-Sr-84



9

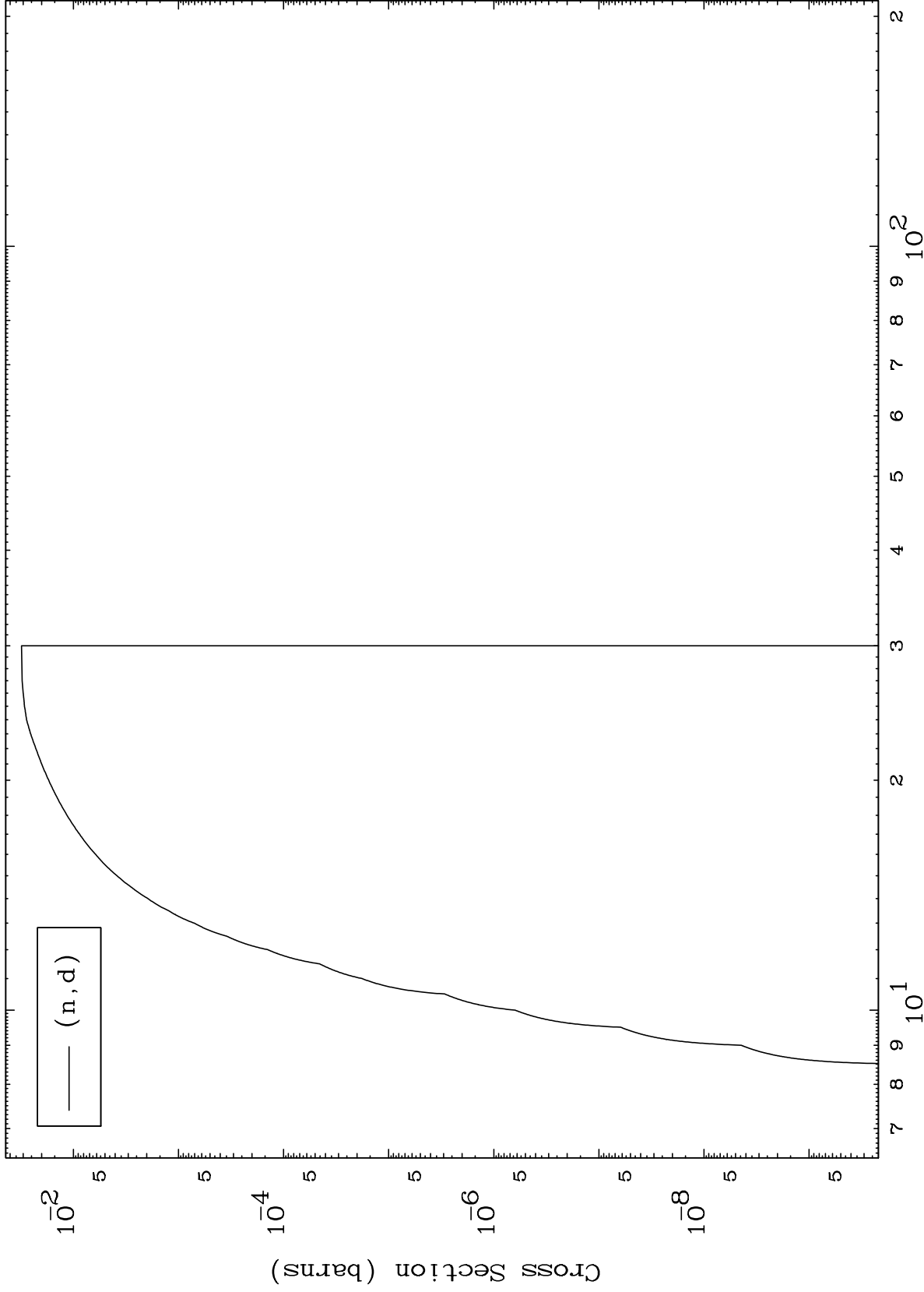
Incident Energy (MeV)

38-Sr-84

MAT 3825

(n,d) Levels
293 Kelvin Cross Sections

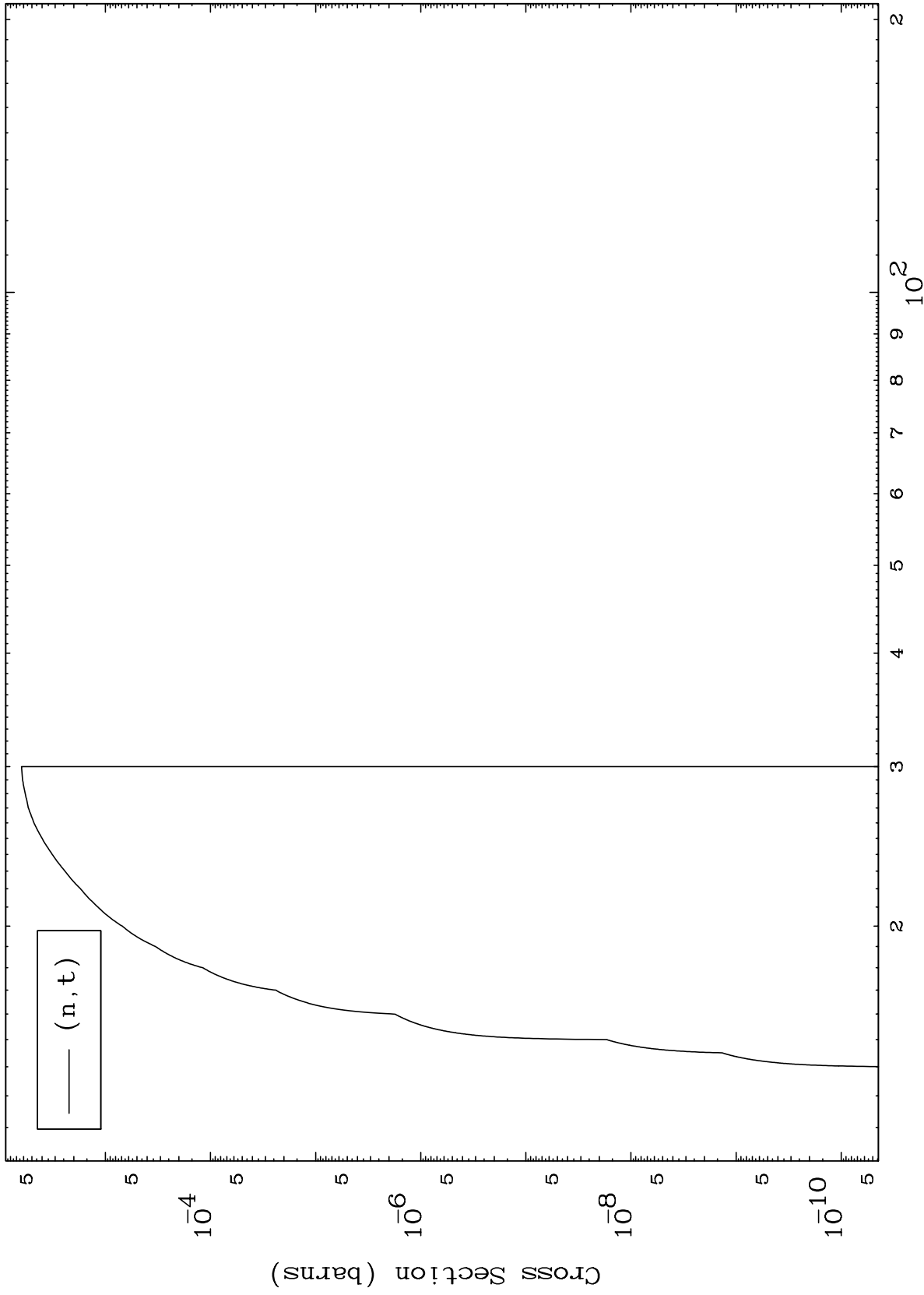
38-Sr-84



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Incident Energy (MeV)

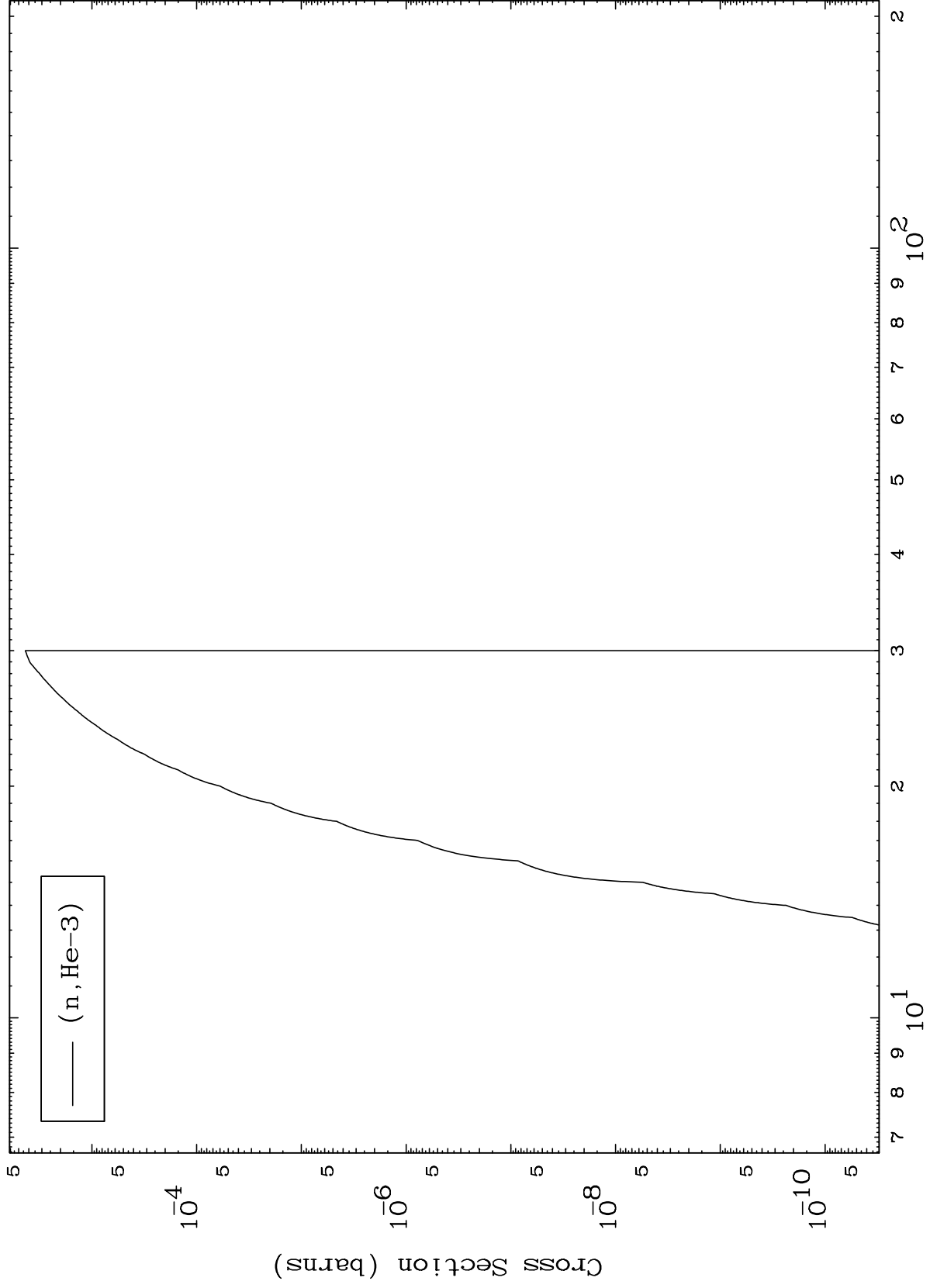
38-Sr-84



MAT 3825

(n,He3) Levels
293 Kelvin Cross Sections

38-Sr-84



12

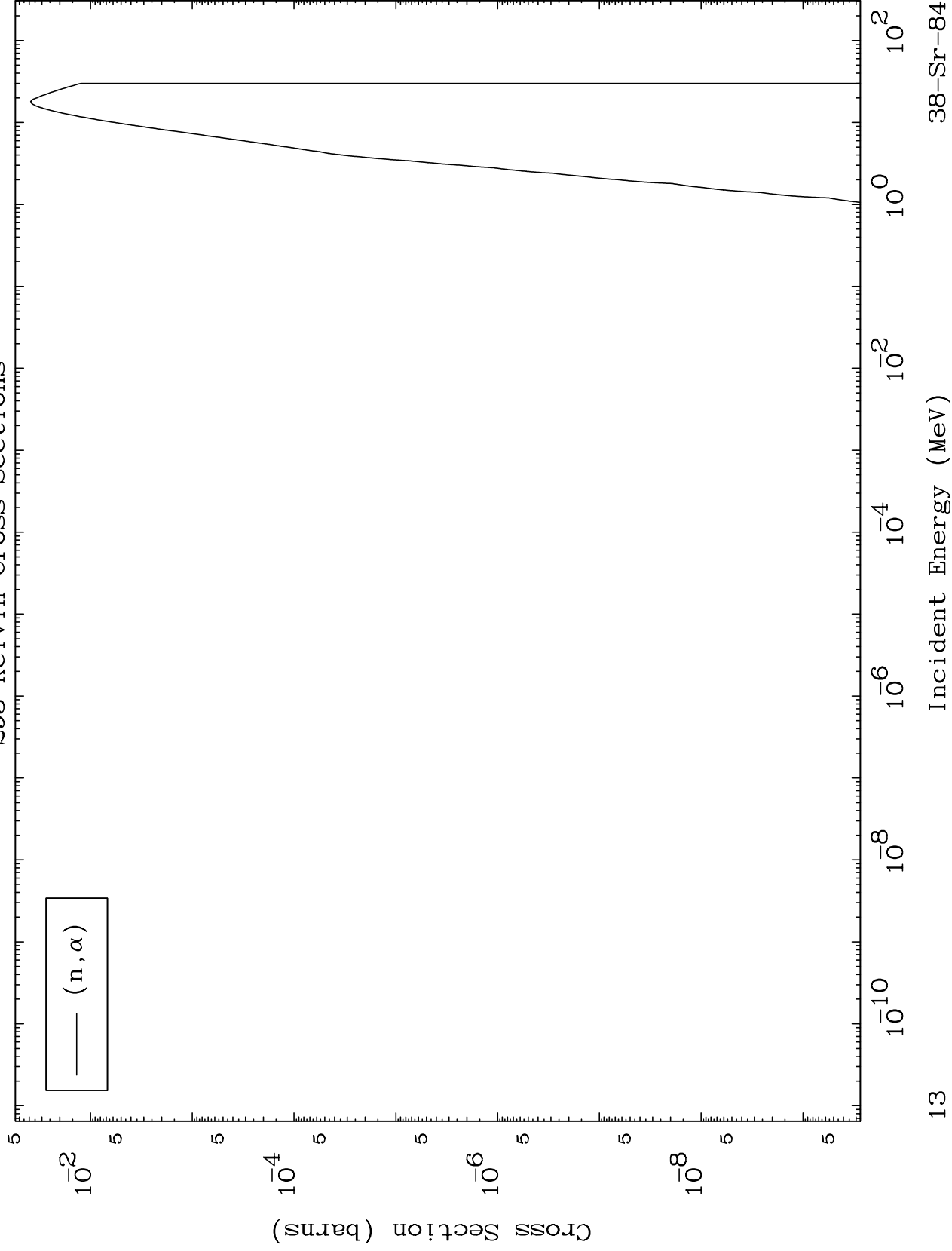
Incident Energy (MeV)

38-Sr-84

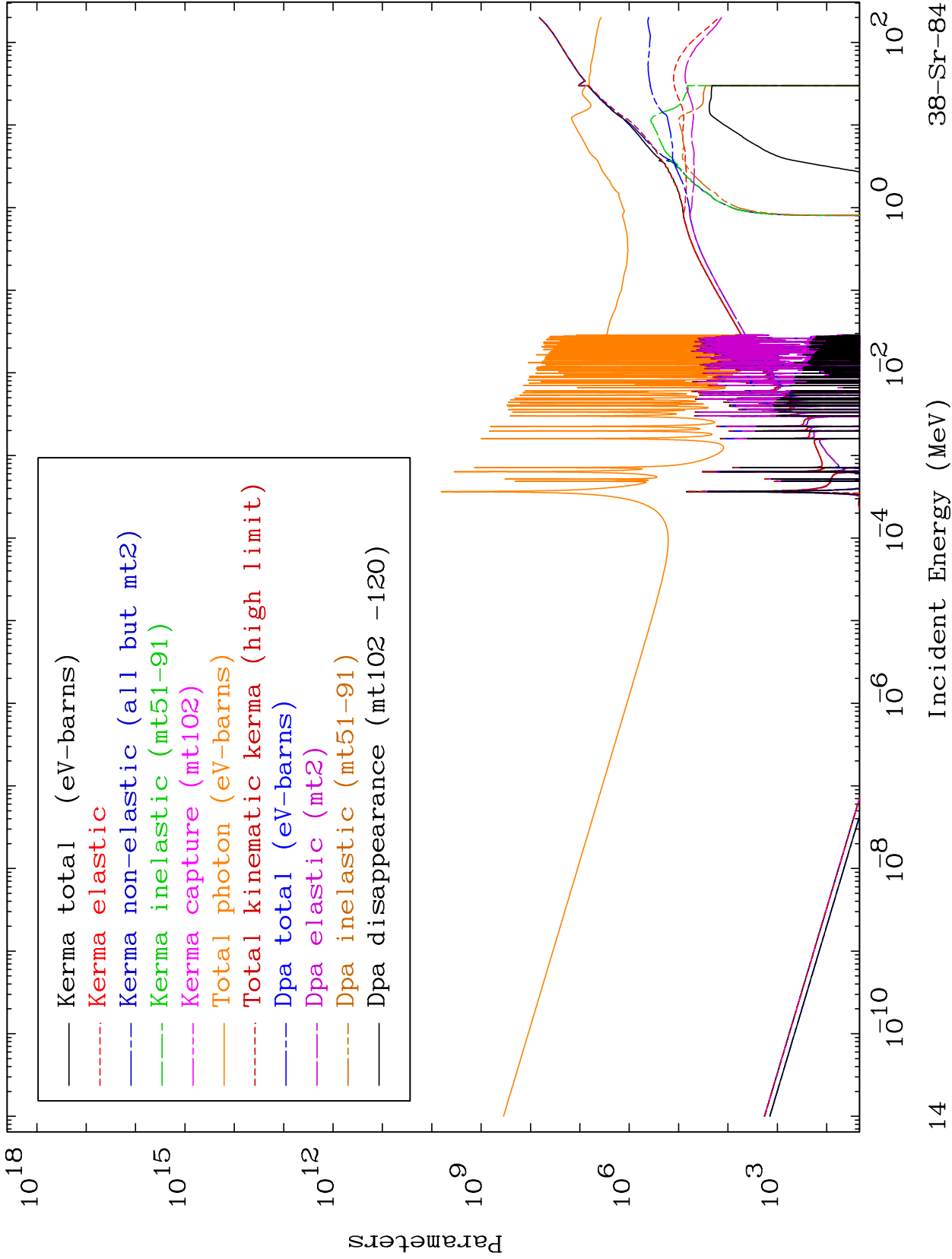
MAT 3825

(n, α) Levels
293 Kelvin Cross Sections

38-Sr-84



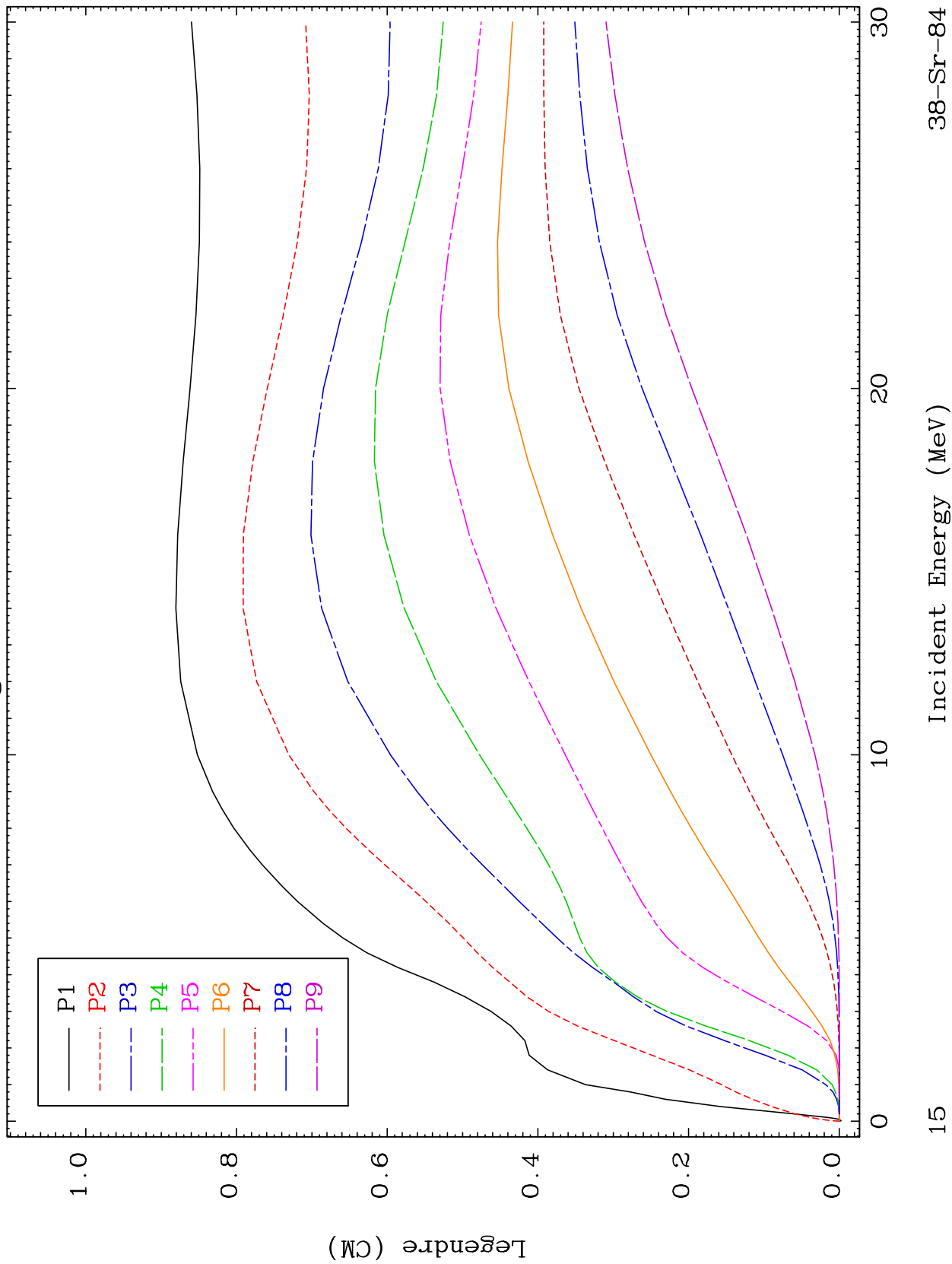
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MAT 3825

Elastic Legendre Coefficients

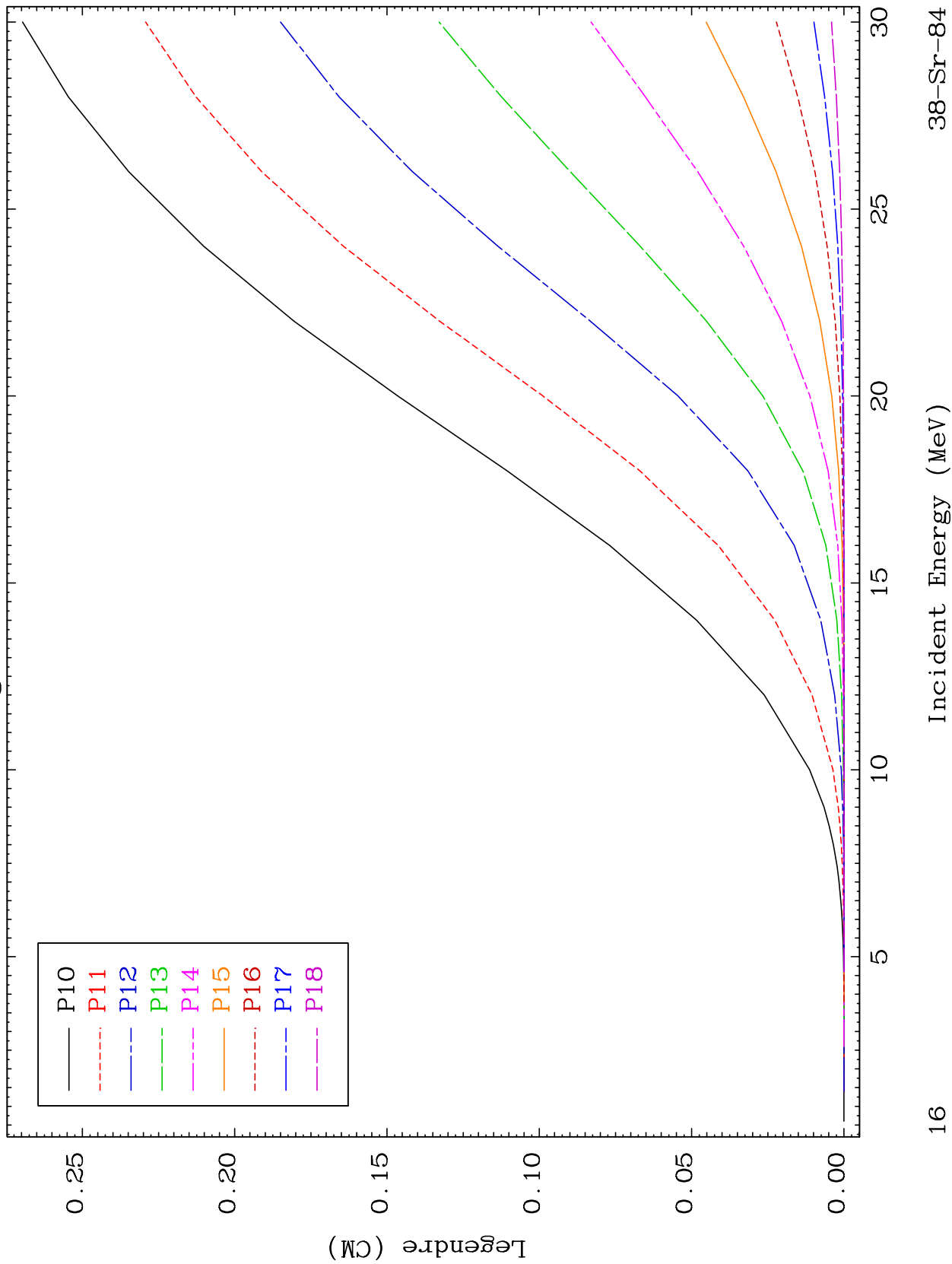
³⁸Sr-84



MAT 3825

Elastic Legendre Coefficients

³⁸Sr-84



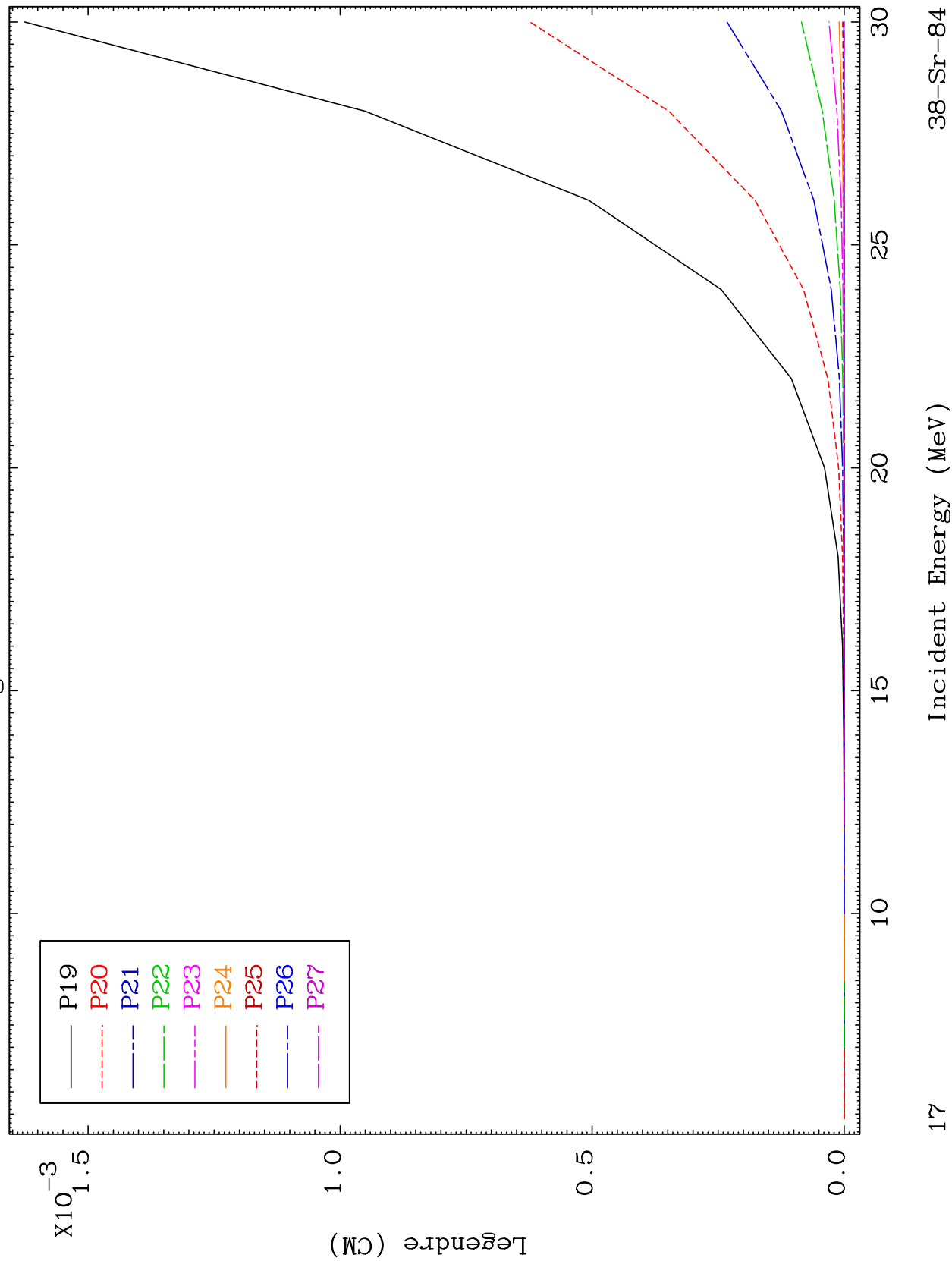
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³⁸Sr-84

MAT 3825

Elastic Legendre Coefficients

38-Sr-84



17

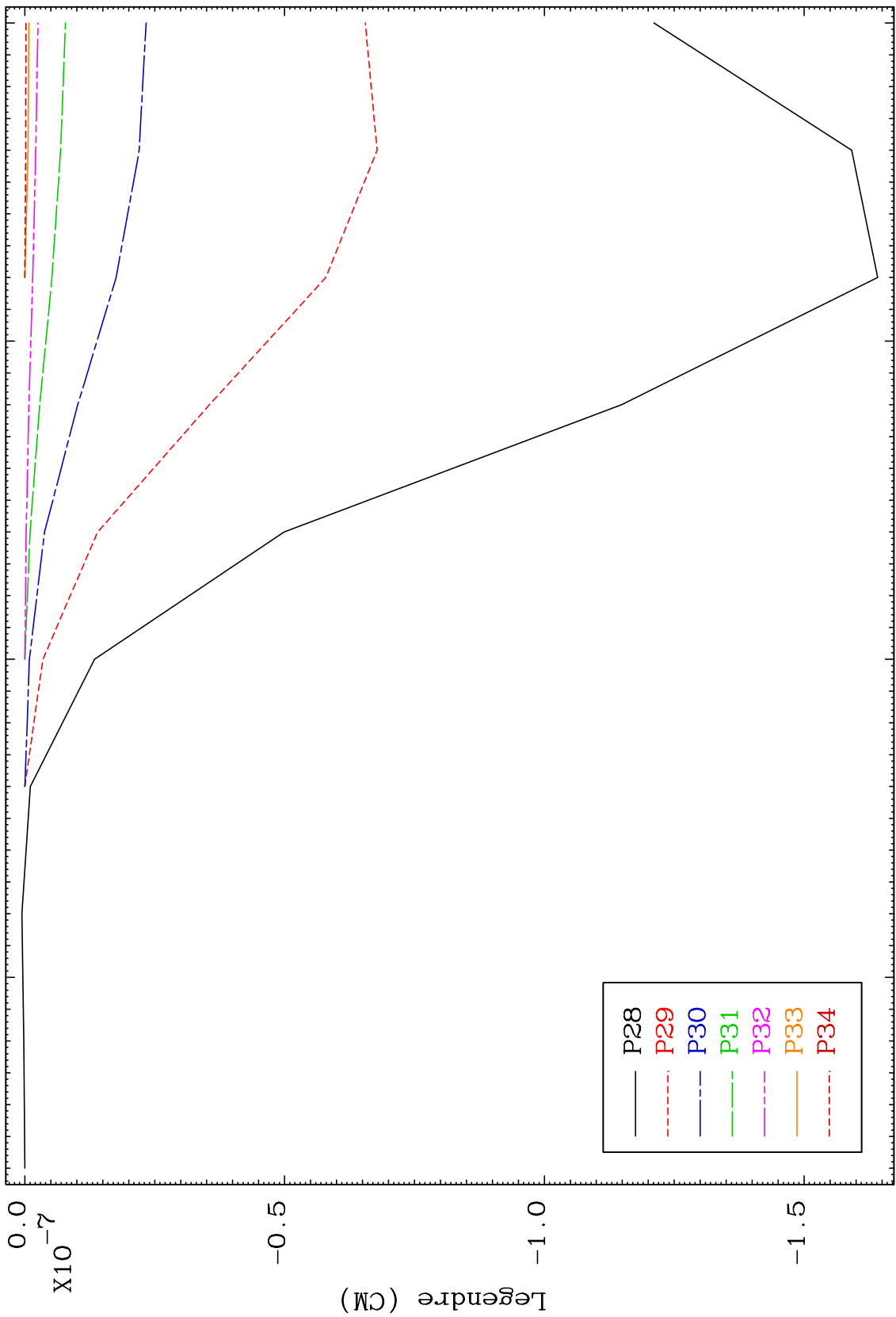
Incident Energy (MeV)

38-Sr-84

MAT 3825

38-Sr-84

Elastic Legendre Coefficients



$\times 10^{-7}$

Legendre (CM)

15

20

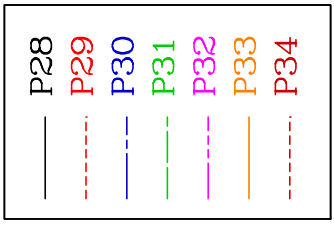
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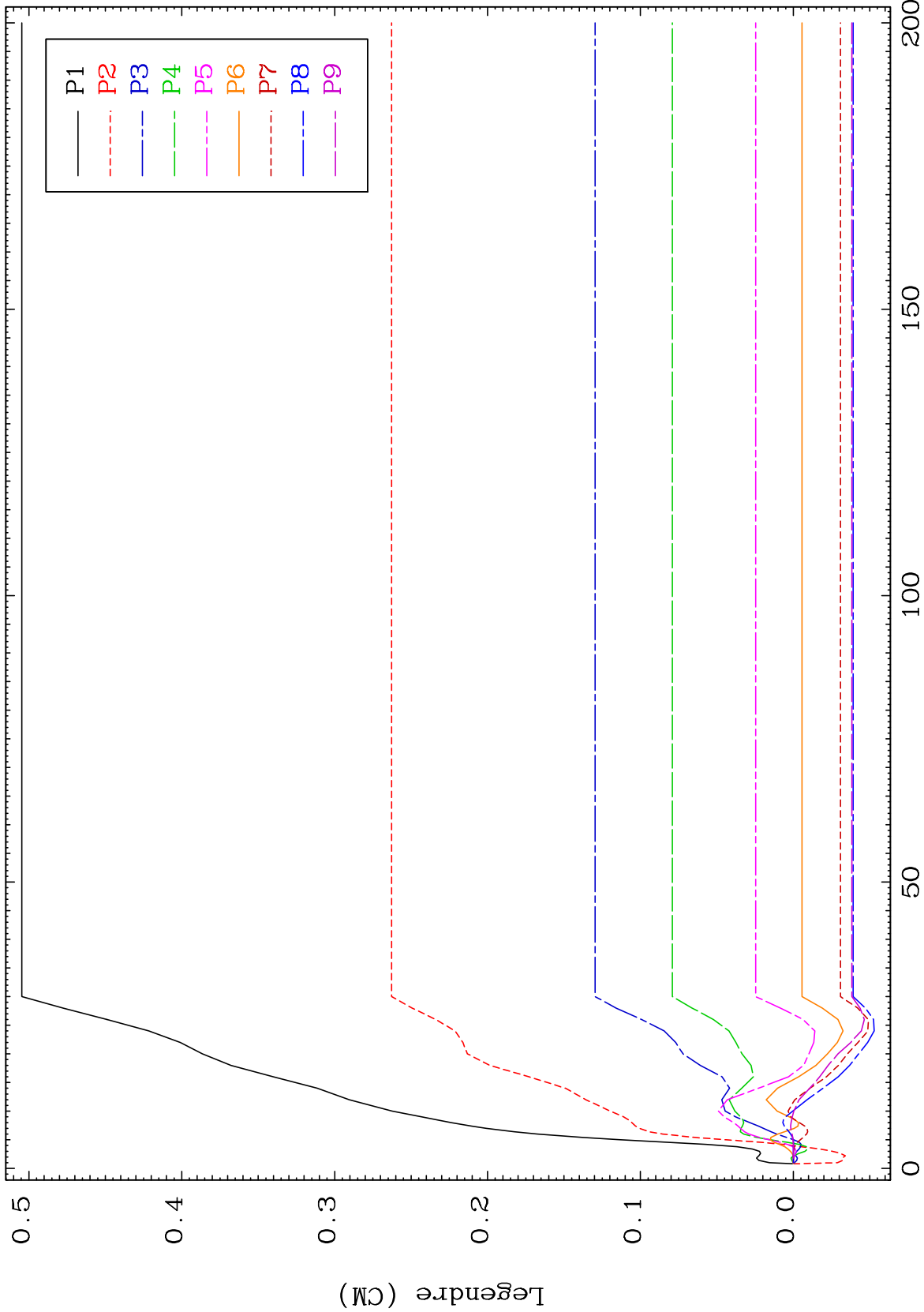
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18

Incident Energy (MeV)

38-Sr-84

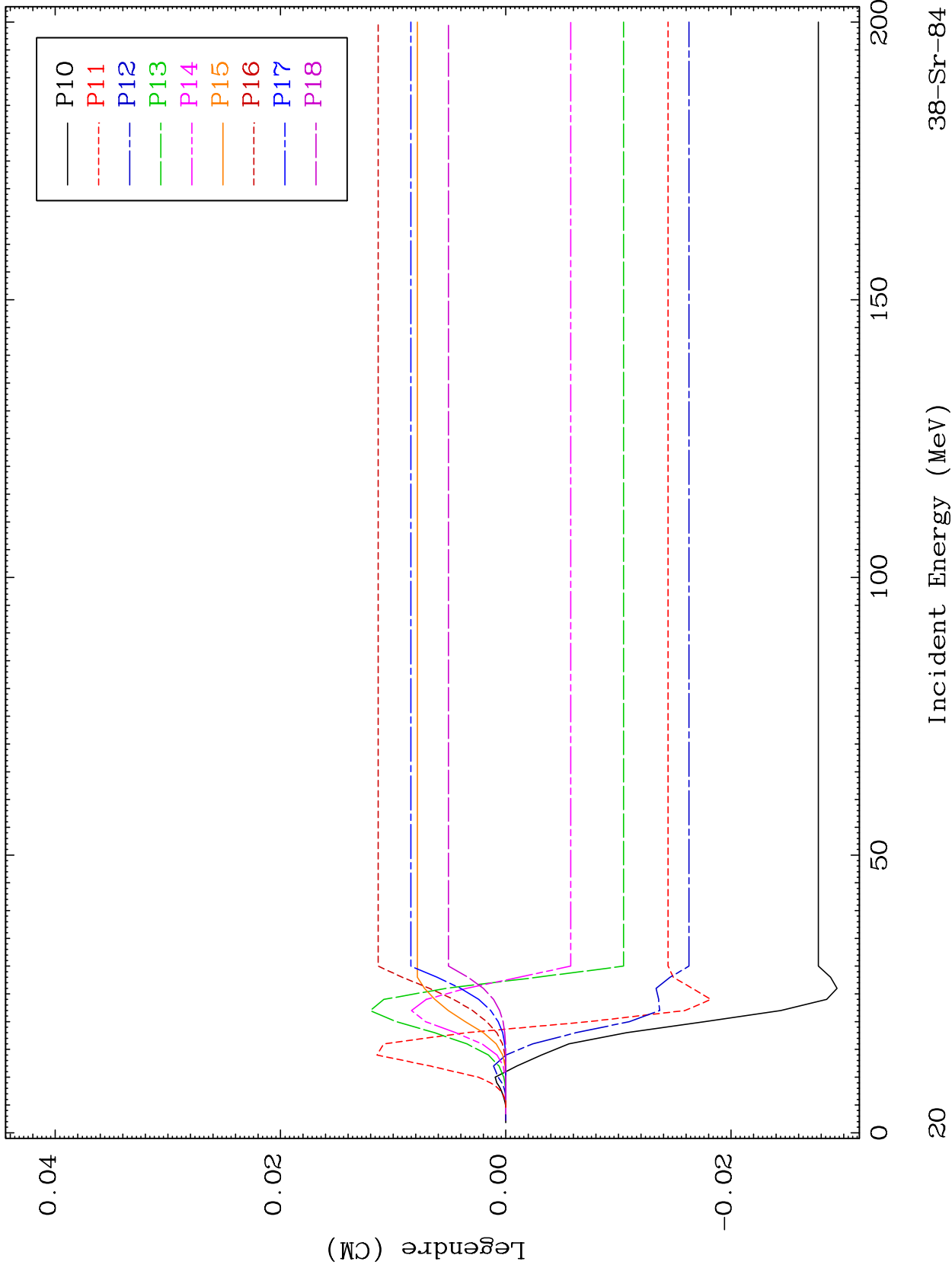




MAT 3825

793.2 keV (n,n') Level
Legendre Coefficients

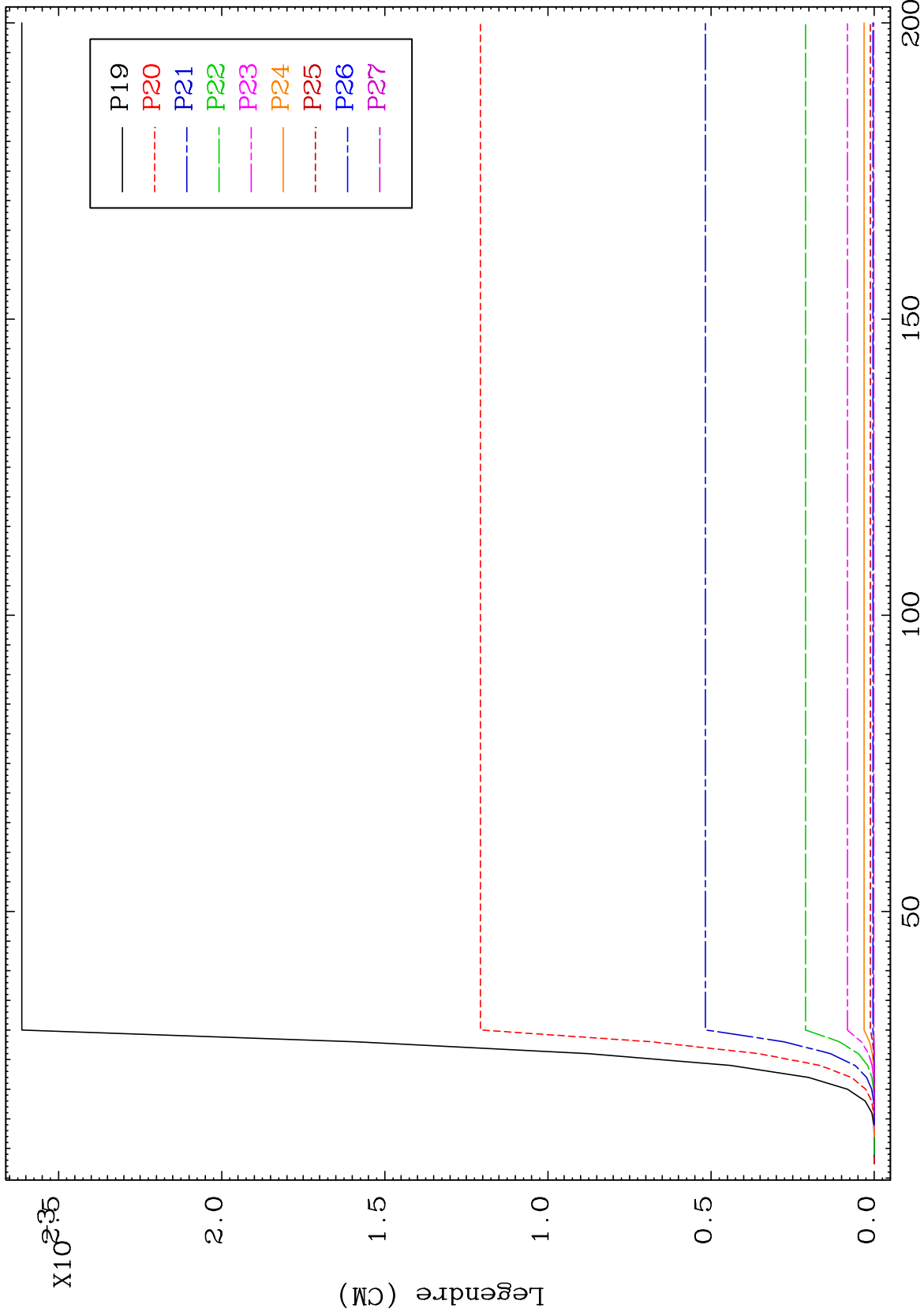
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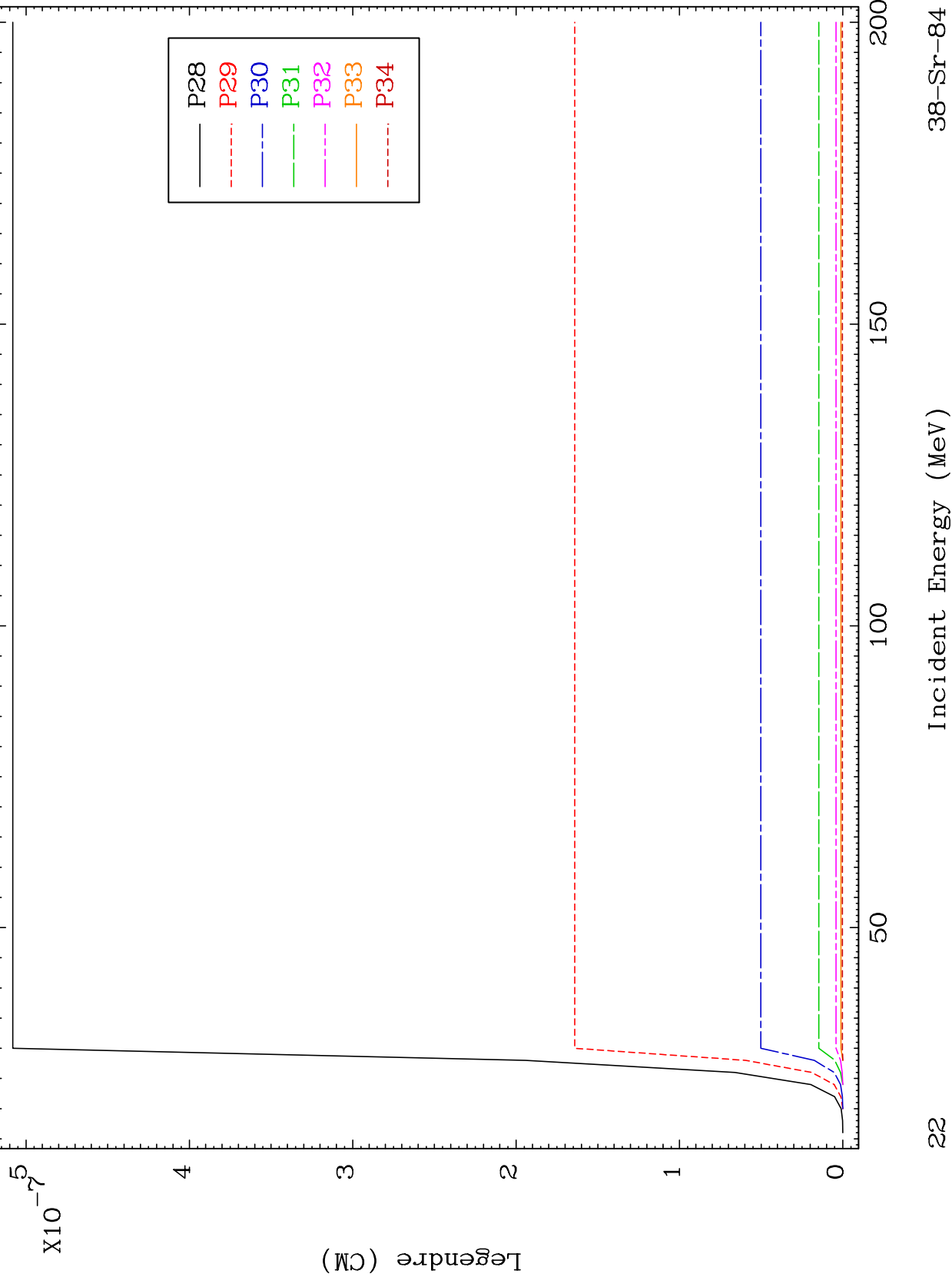


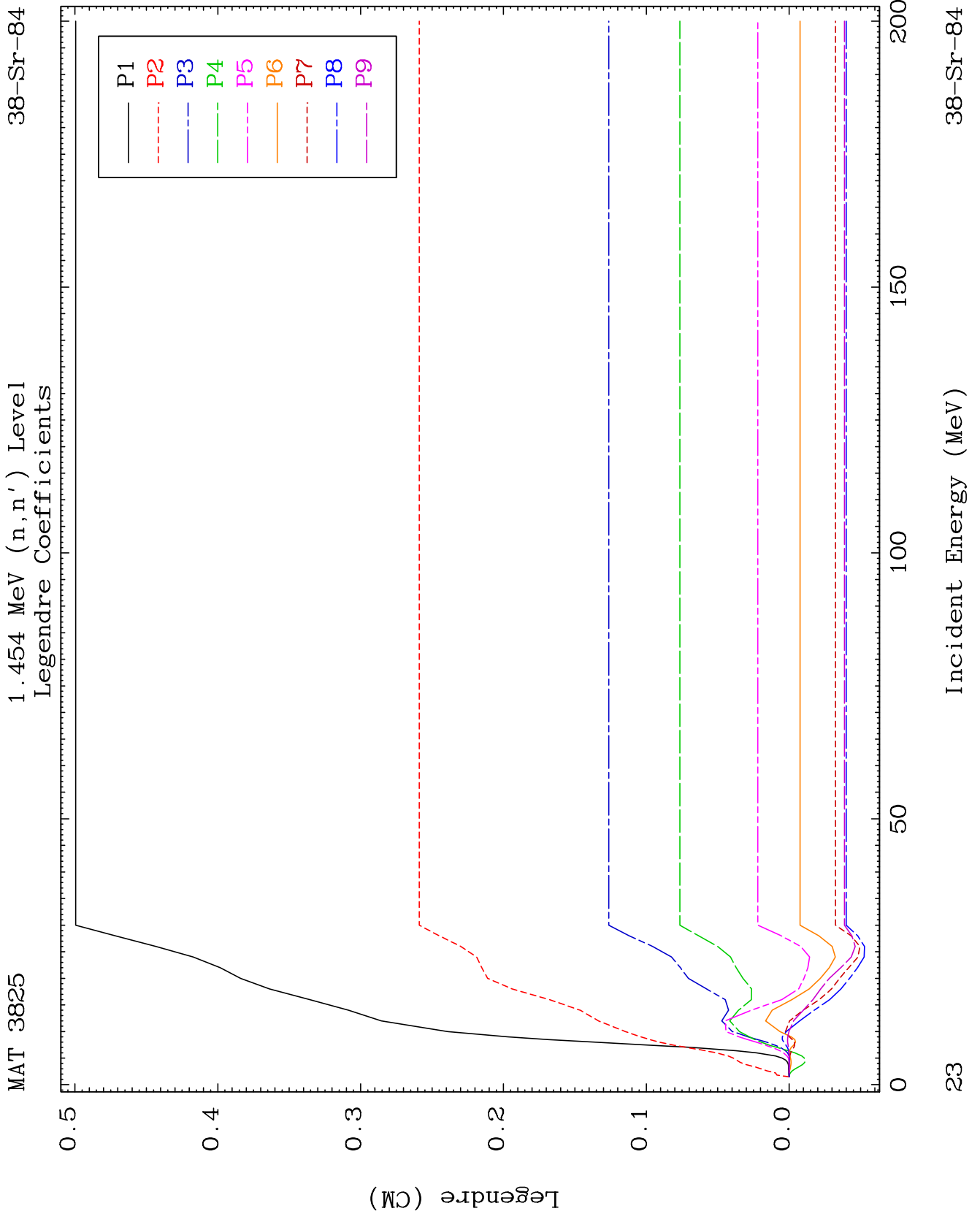
38-Sr-84

Incident Energy (MeV)

20



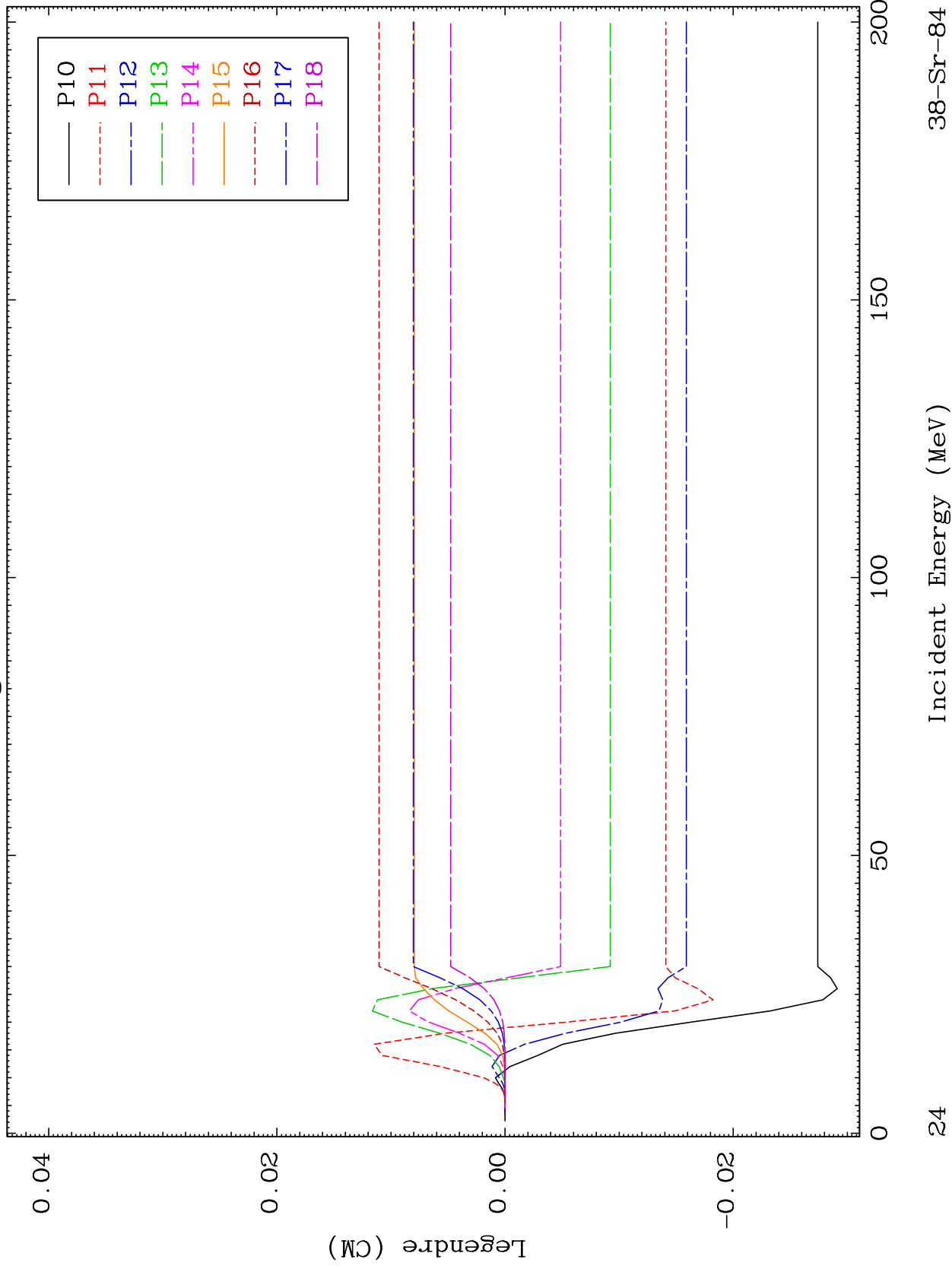




MAT 3825

1.454 MeV (n,n') Level
Legendre Coefficients

38-Sr-84



24

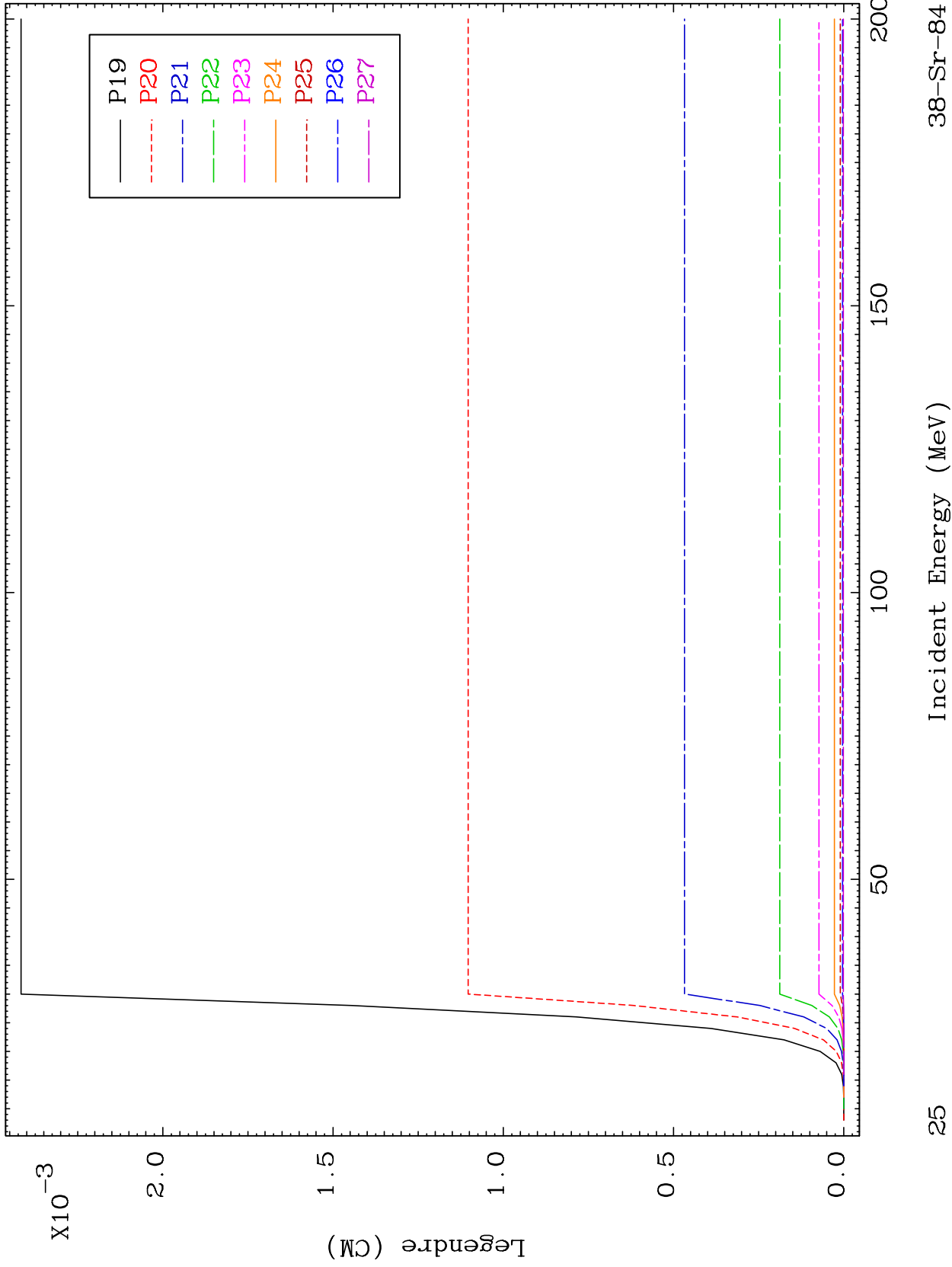
Incident Energy (MeV)

38-Sr-84

MAT 3825

1.454 MeV (n,n') Level
Legendre Coefficients

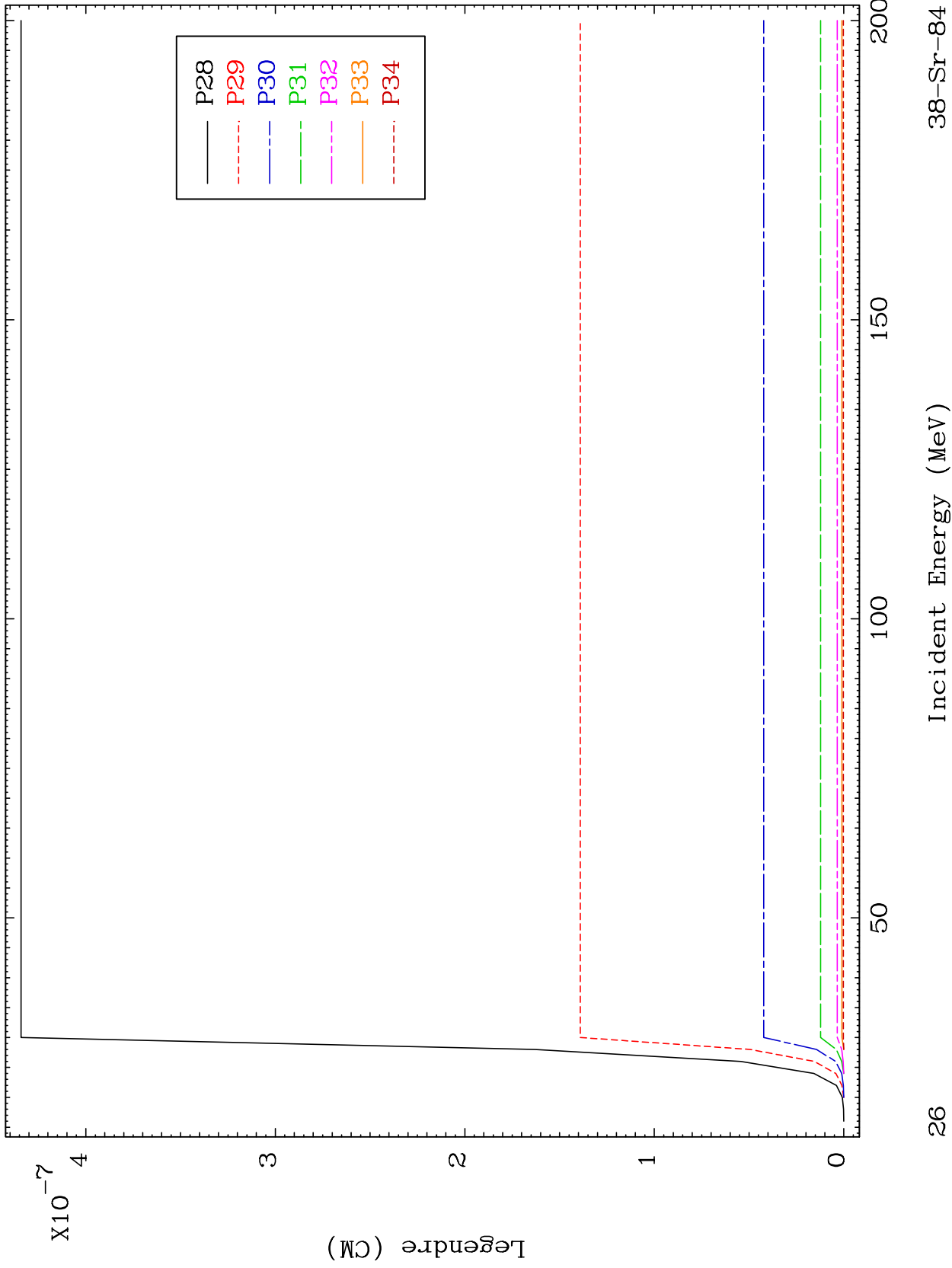
38-Sr-84



MAT 3825

1.454 MeV (n,n') Level
Legendre Coefficients

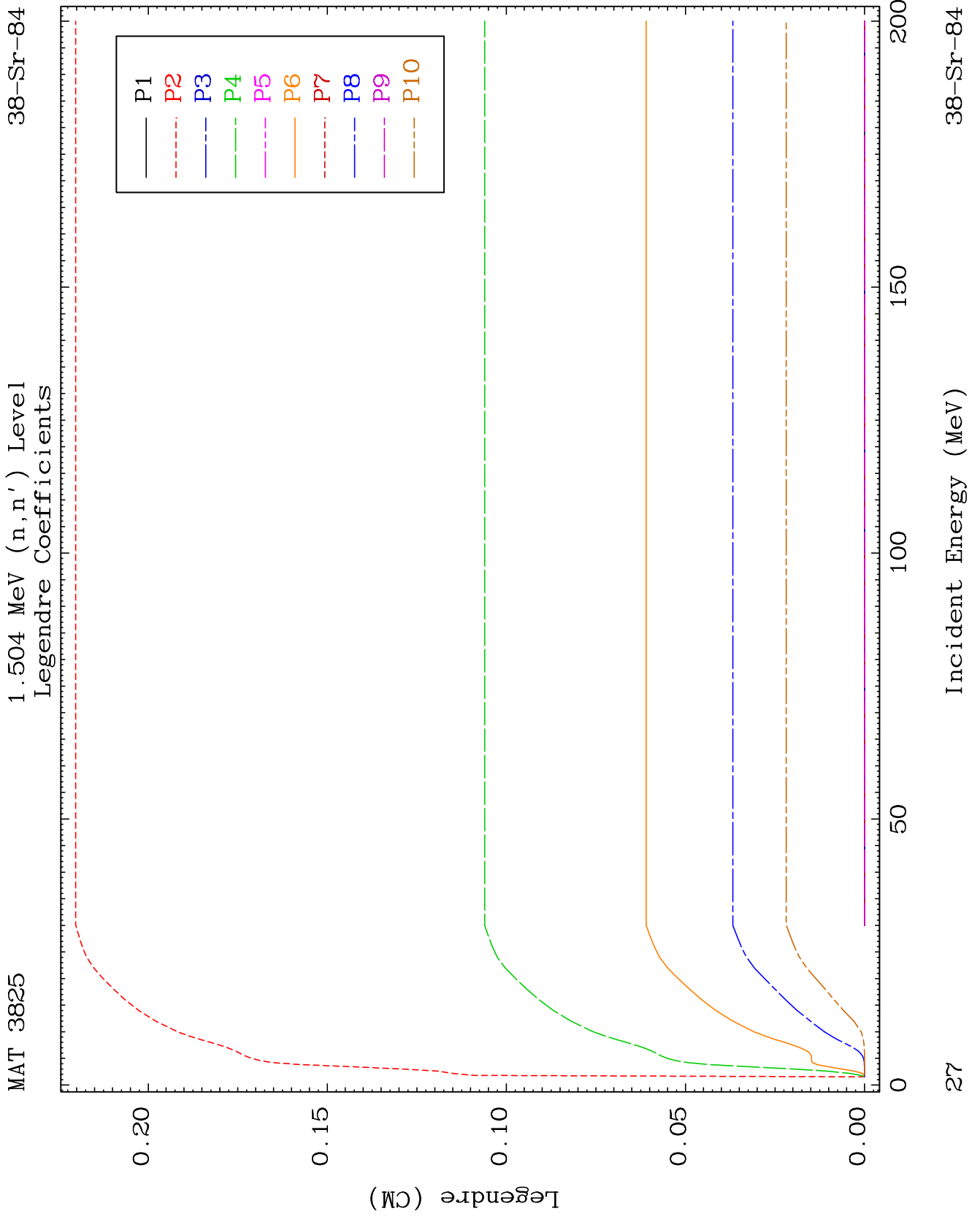
38-Sr-84

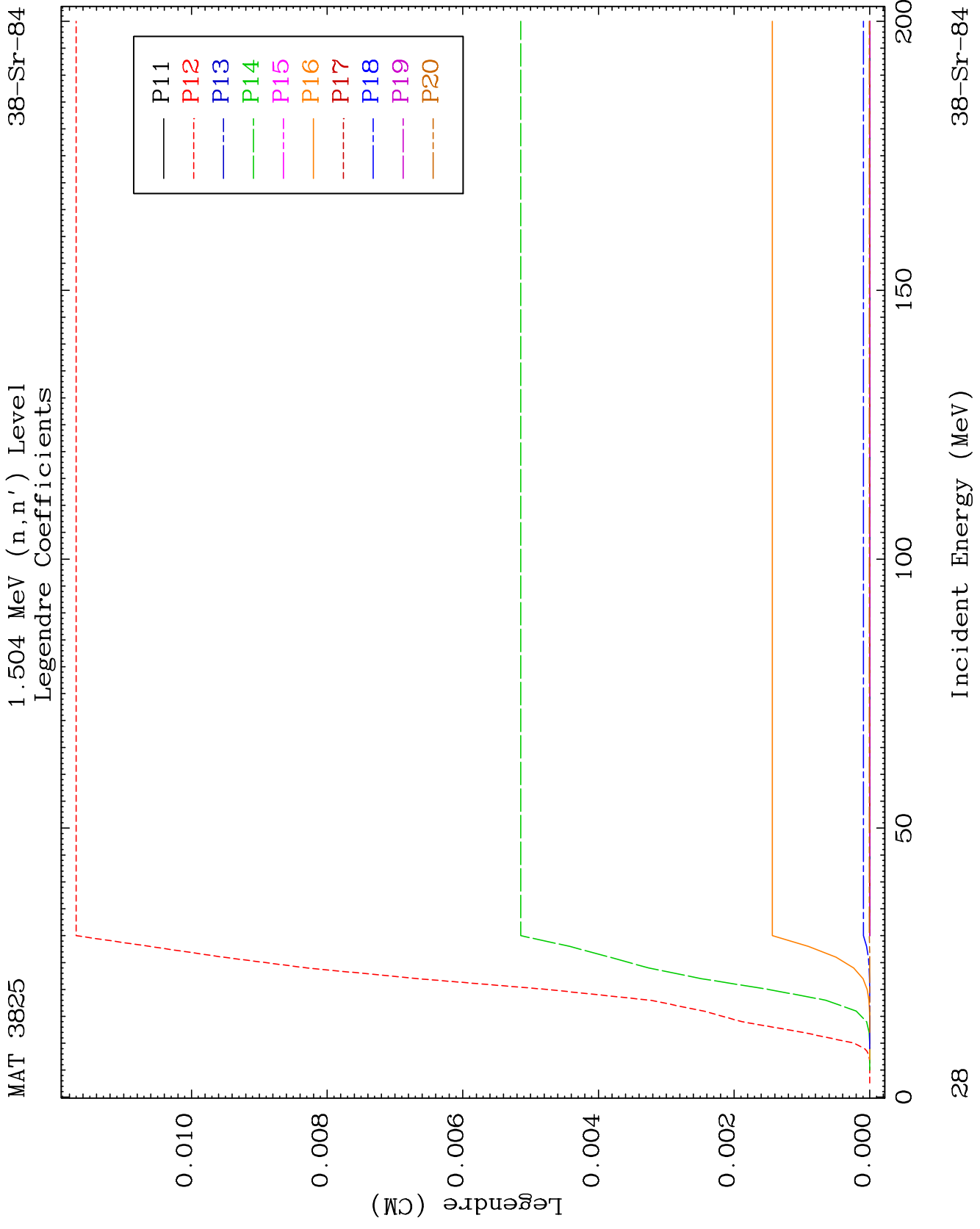


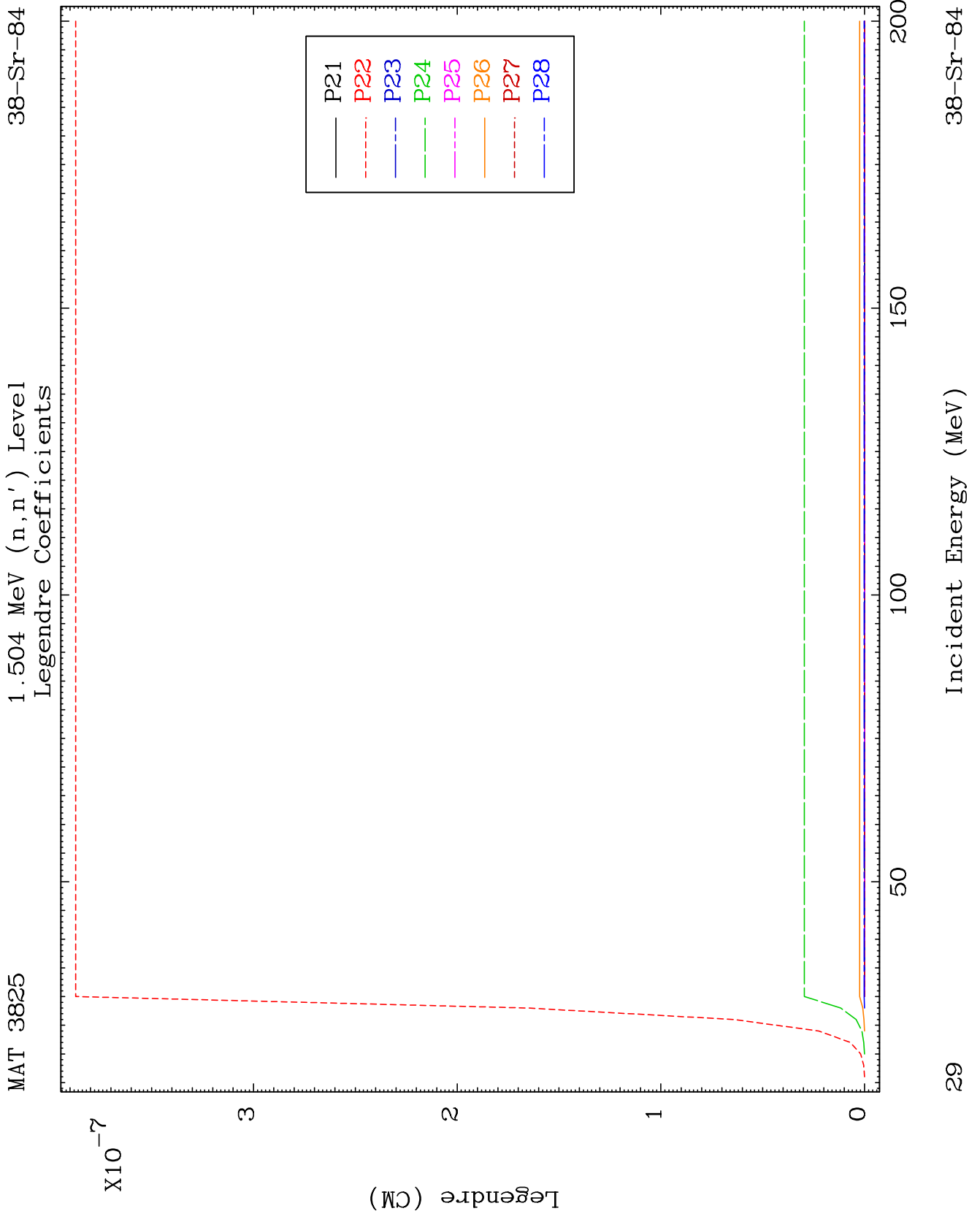
26

Incident Energy (MeV)

38-Sr-84



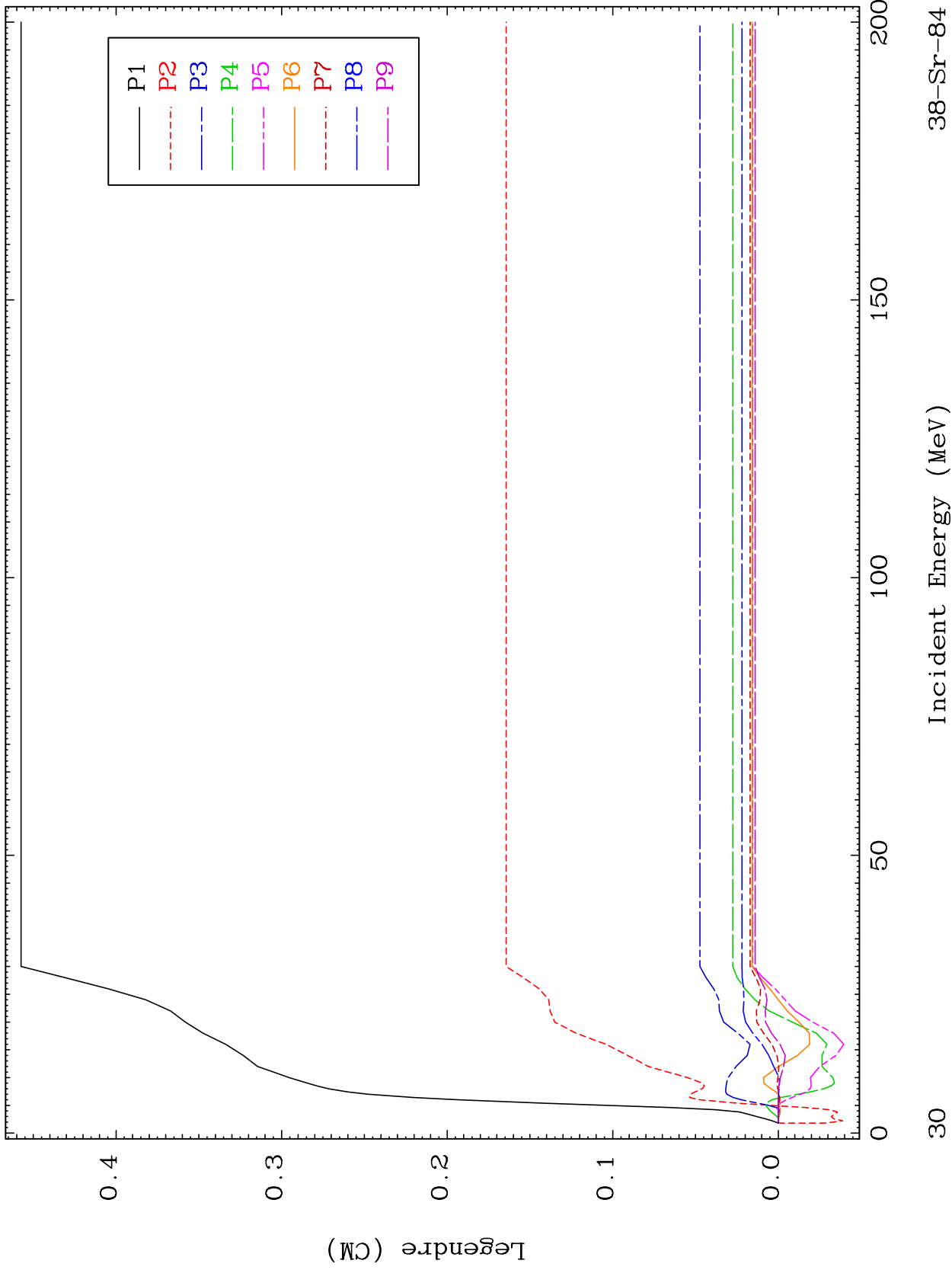




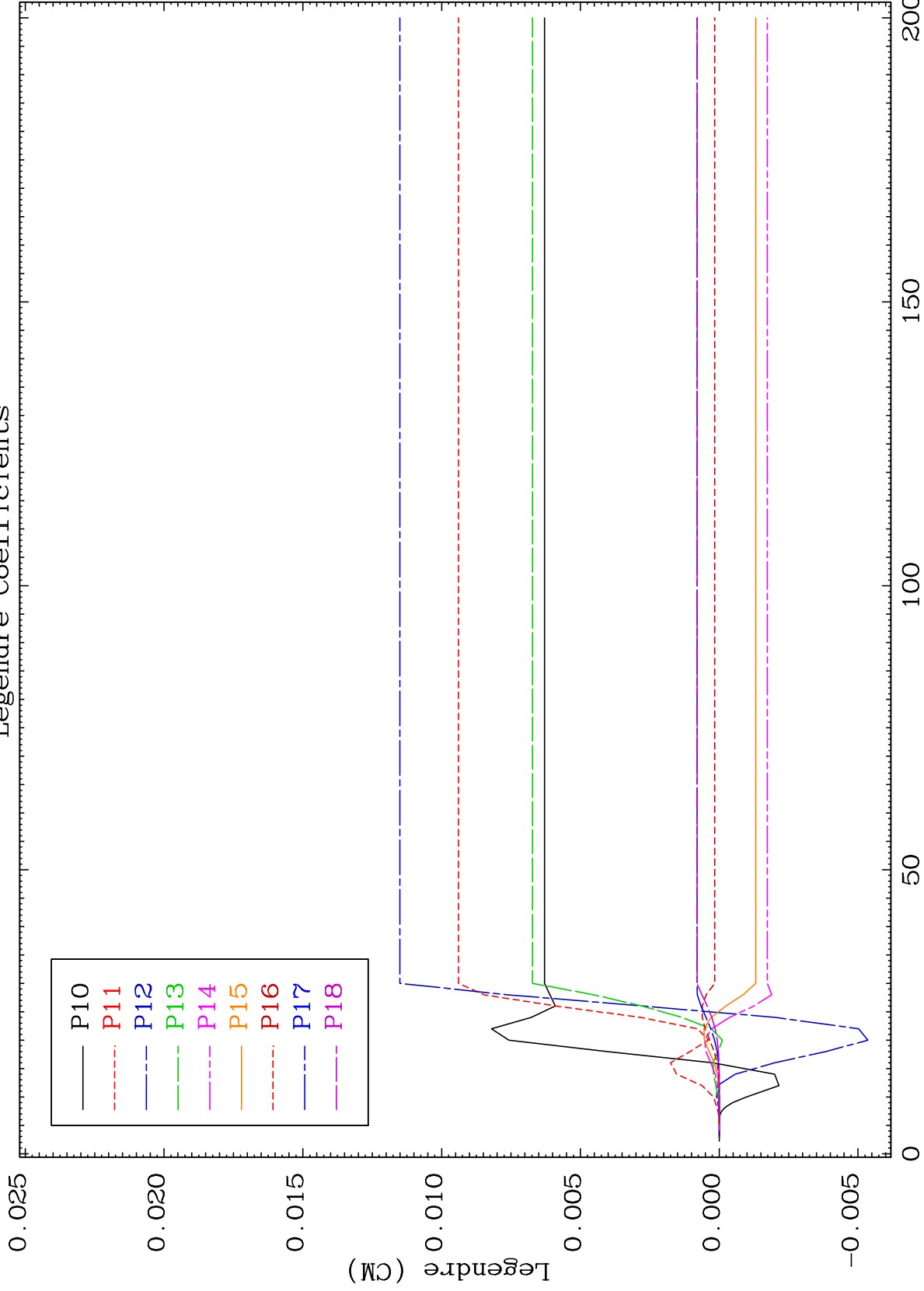
MAT 3825

1.768 MeV (n,n') Level
Legendre Coefficients

38-Sr-84



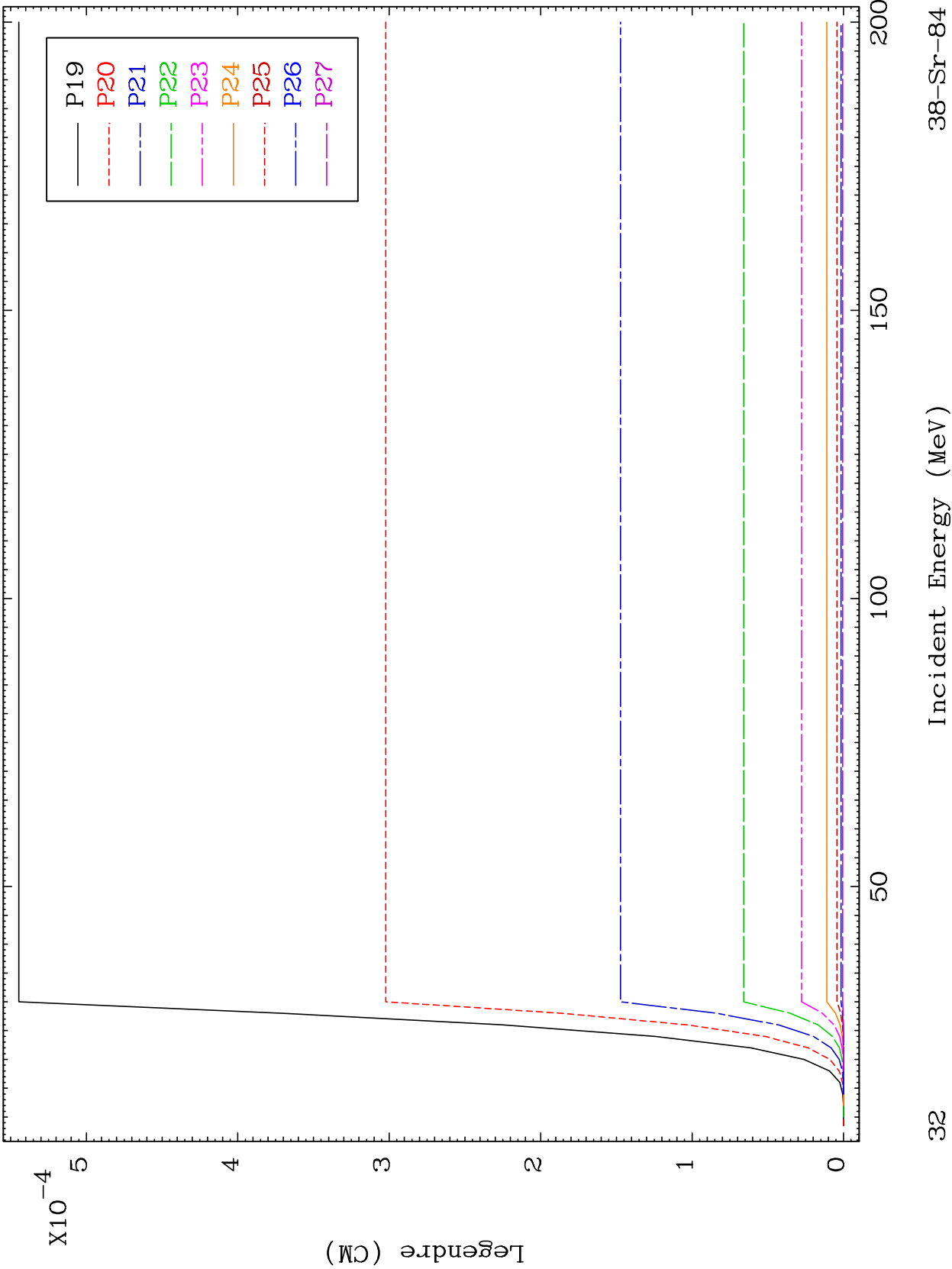
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MAT 3825

1.768 MeV (n,n') Level
Legendre Coefficients

38-Sr-84



32

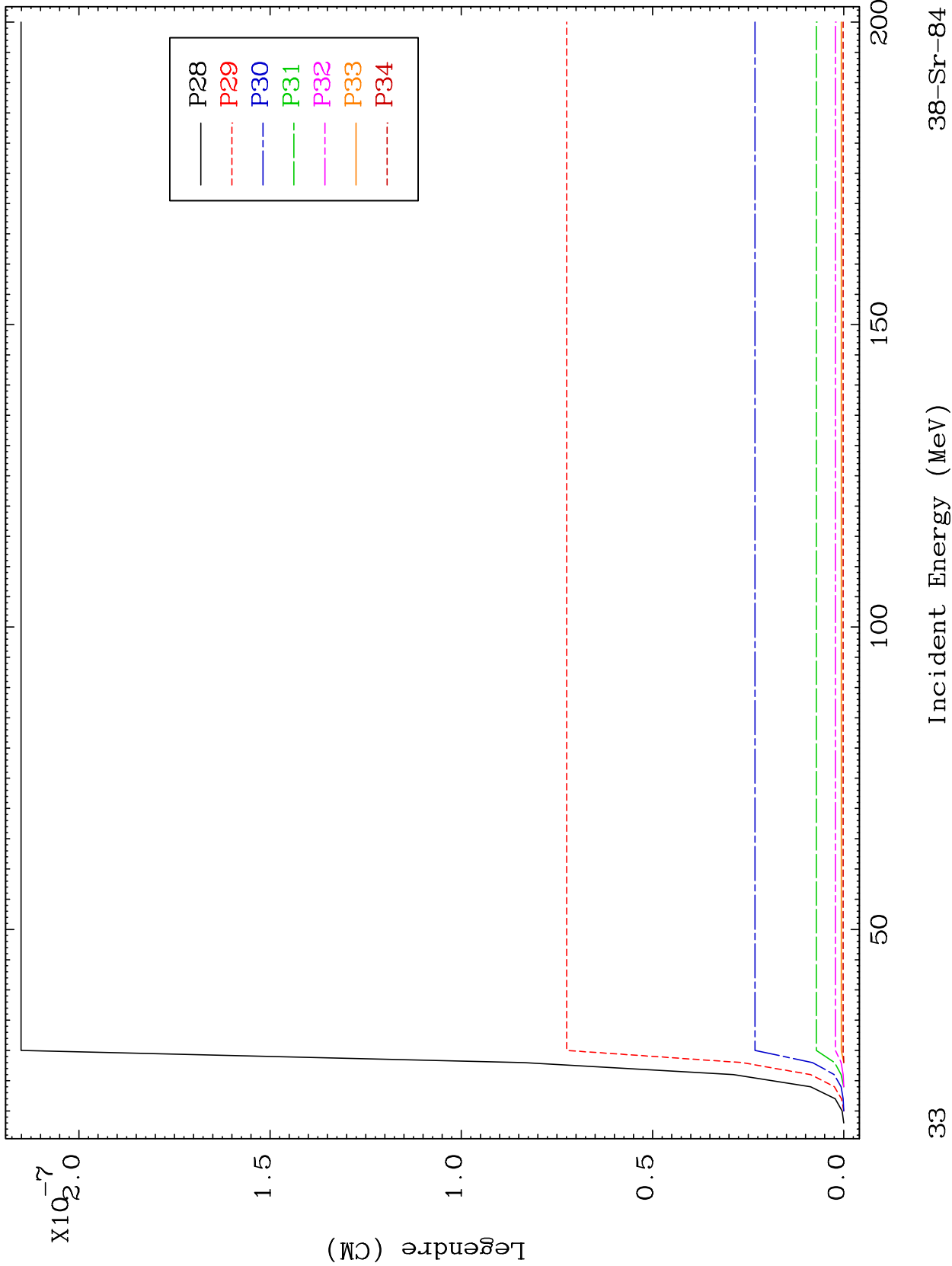
Incident Energy (MeV)

38-Sr-84

MAT 3825

1.768 MeV (n,n') Level
Legendre Coefficients

38-Sr-84



33

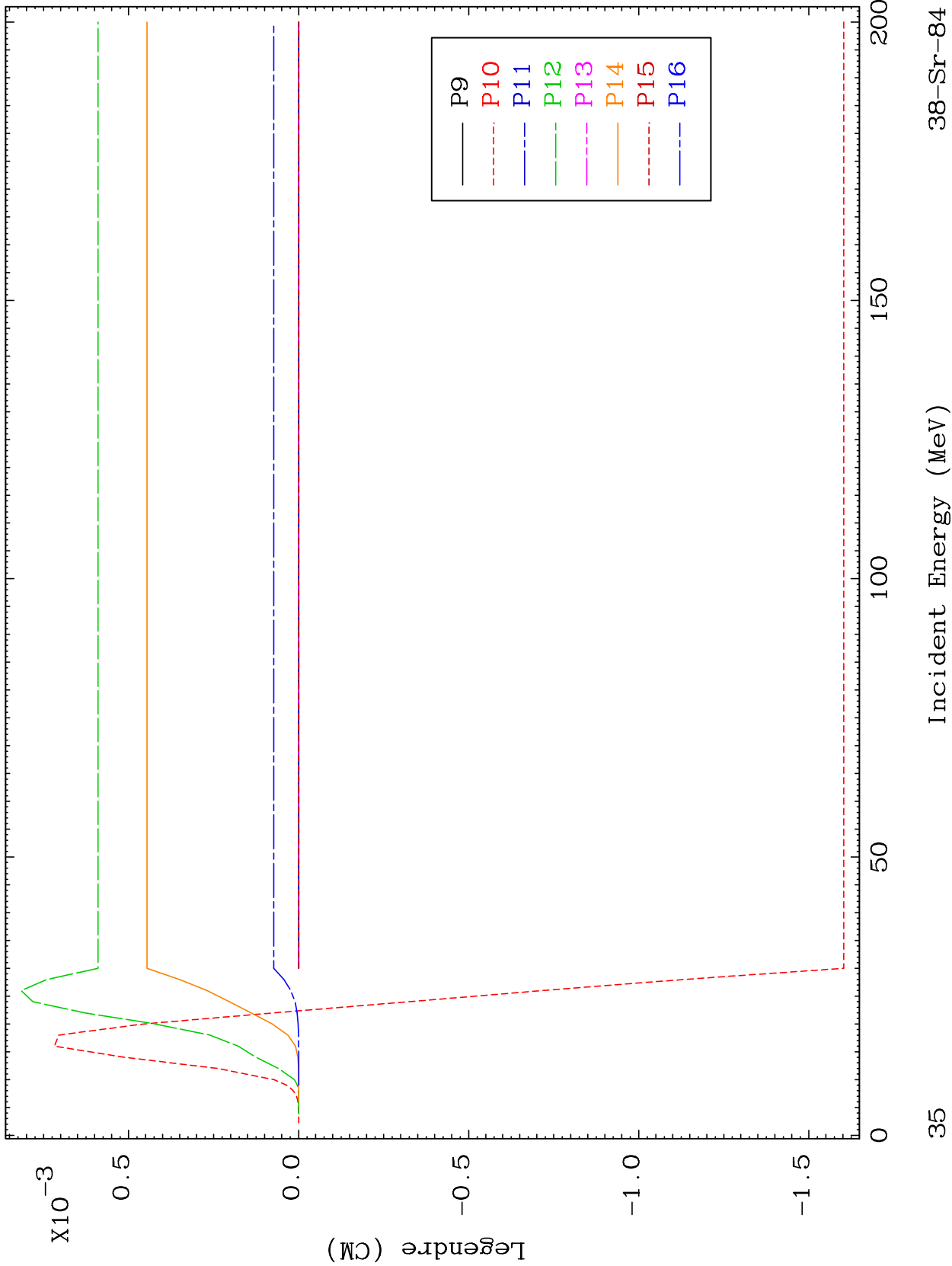
Incident Energy (MeV)

38-Sr-84

MAT 3825

2.056 MeV (n,n') Level
Legendre Coefficients

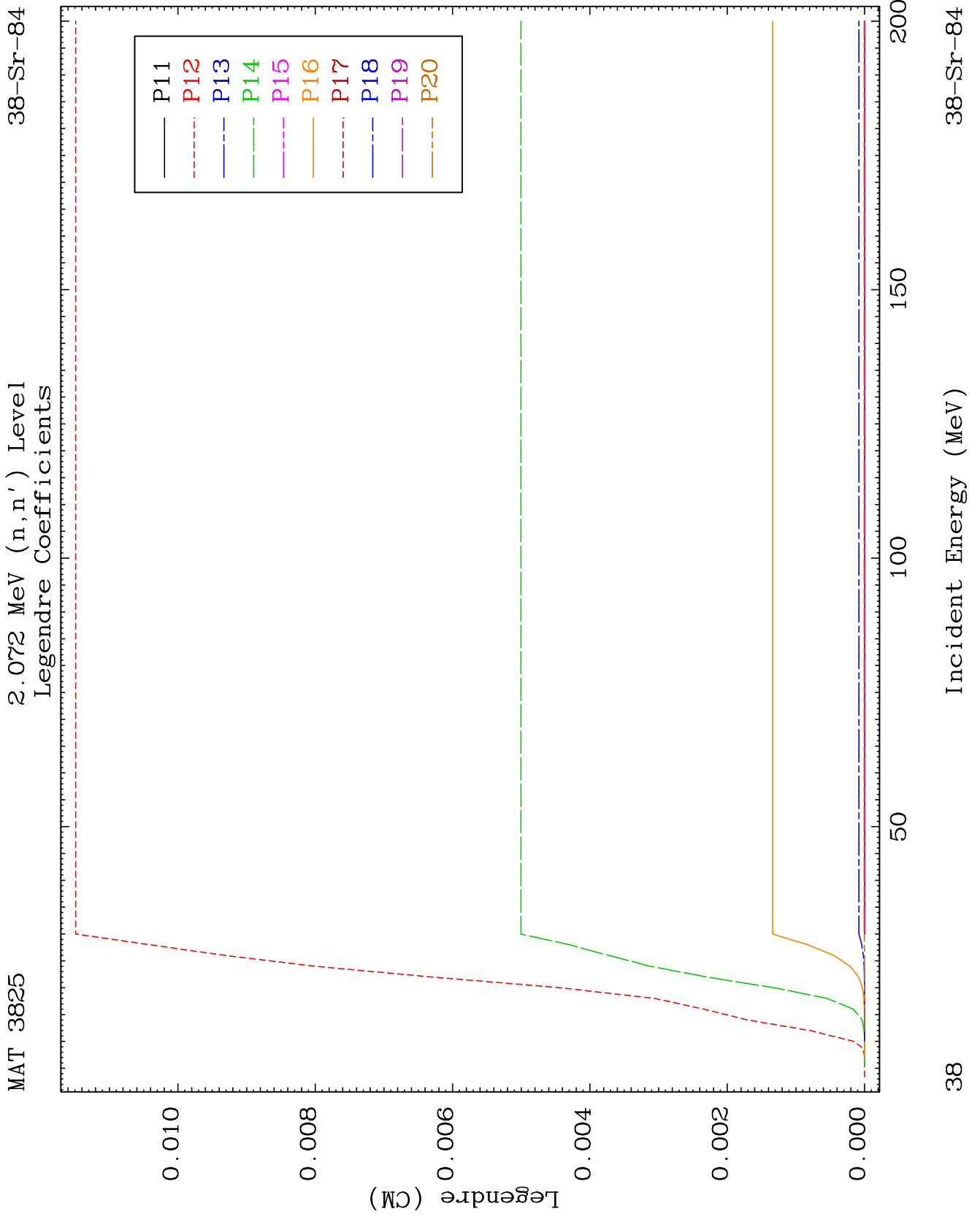
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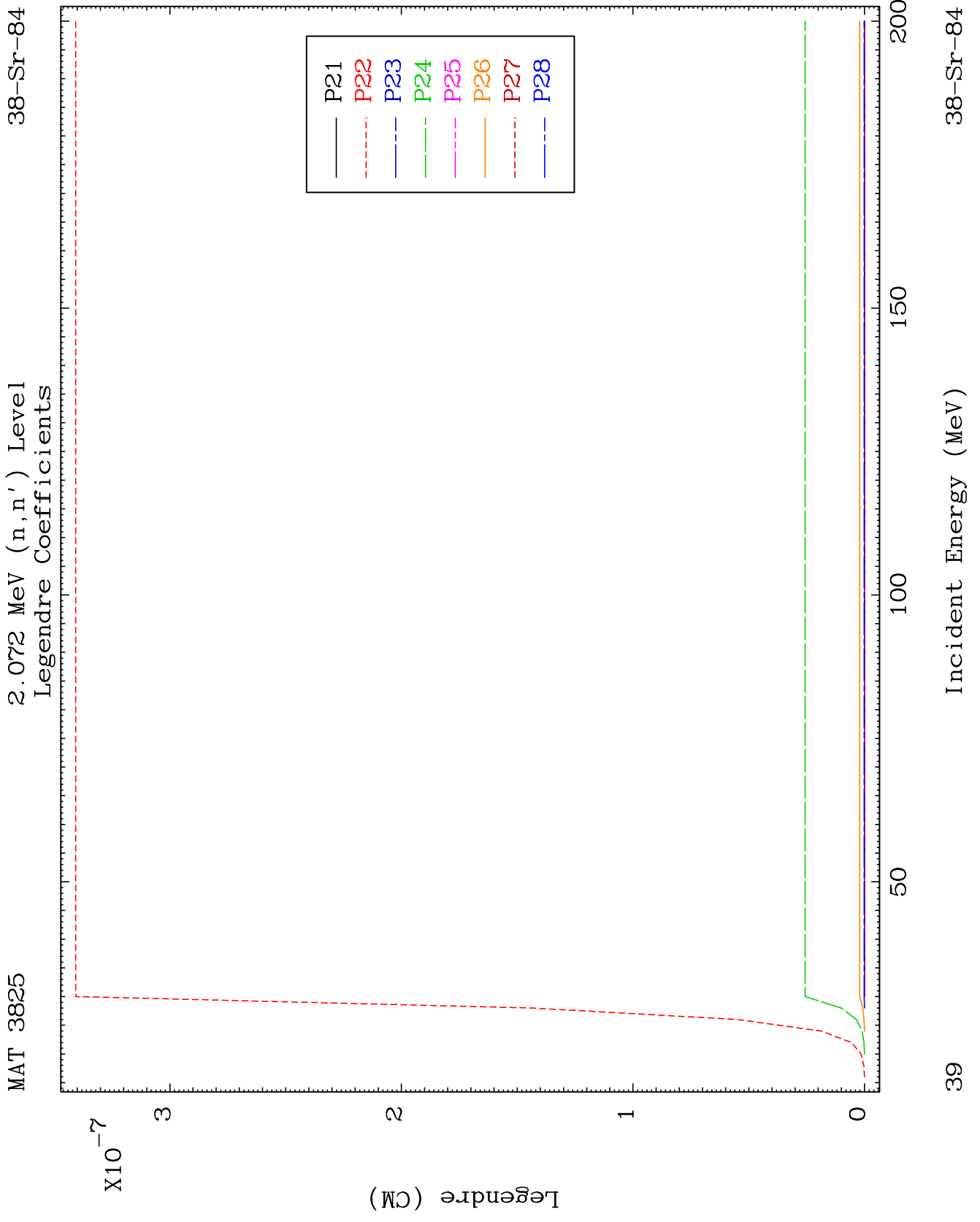


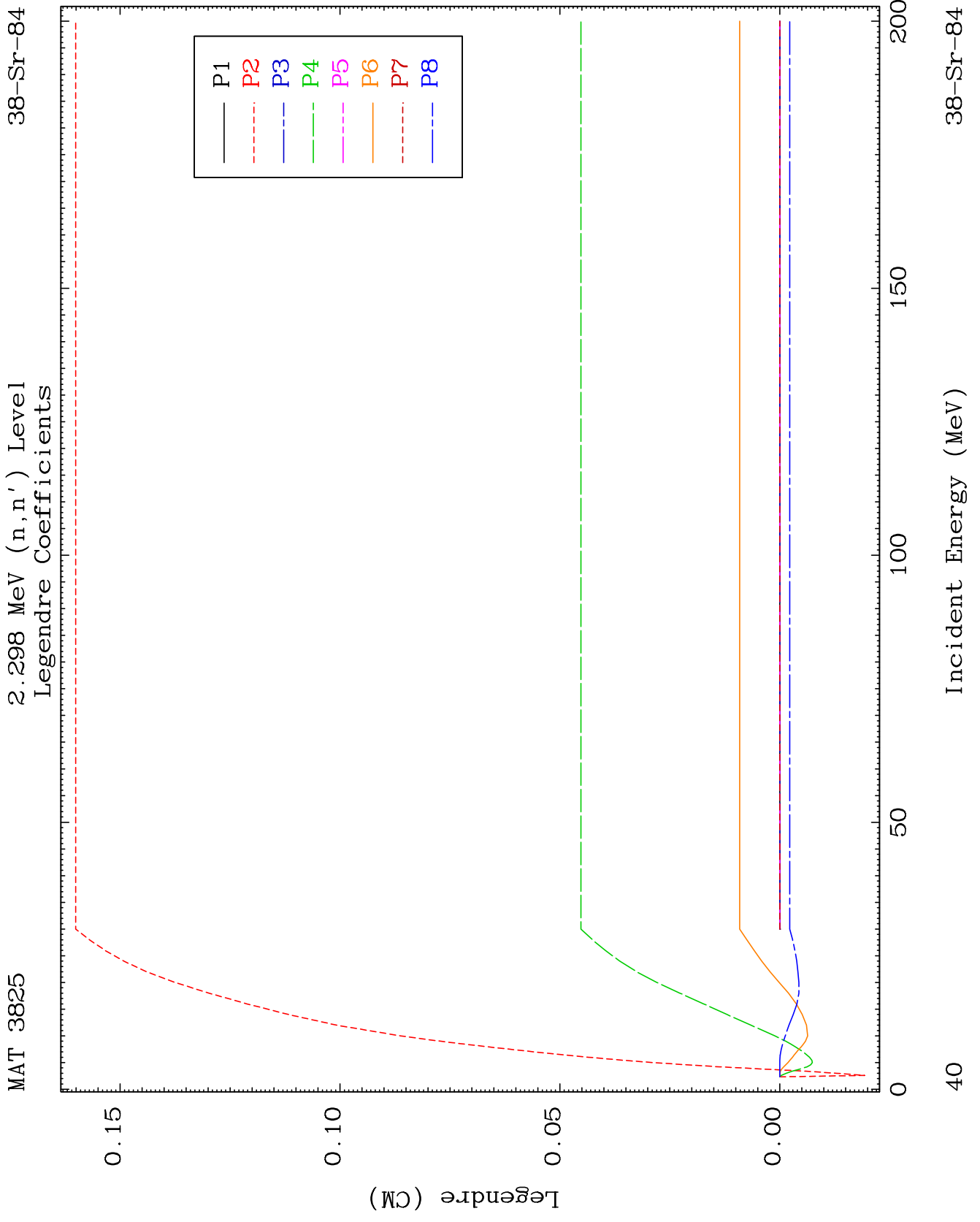
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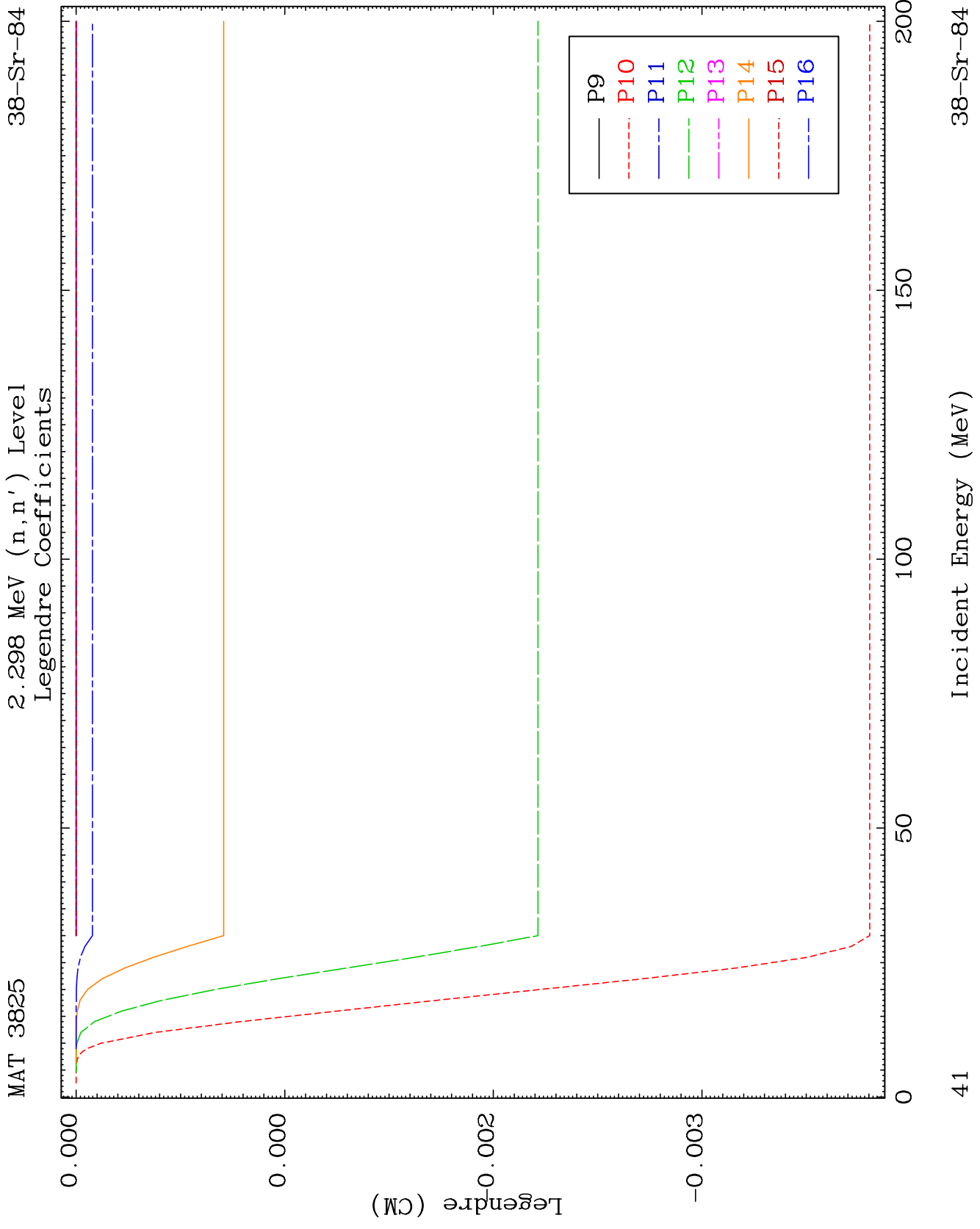
Incident Energy (MeV)

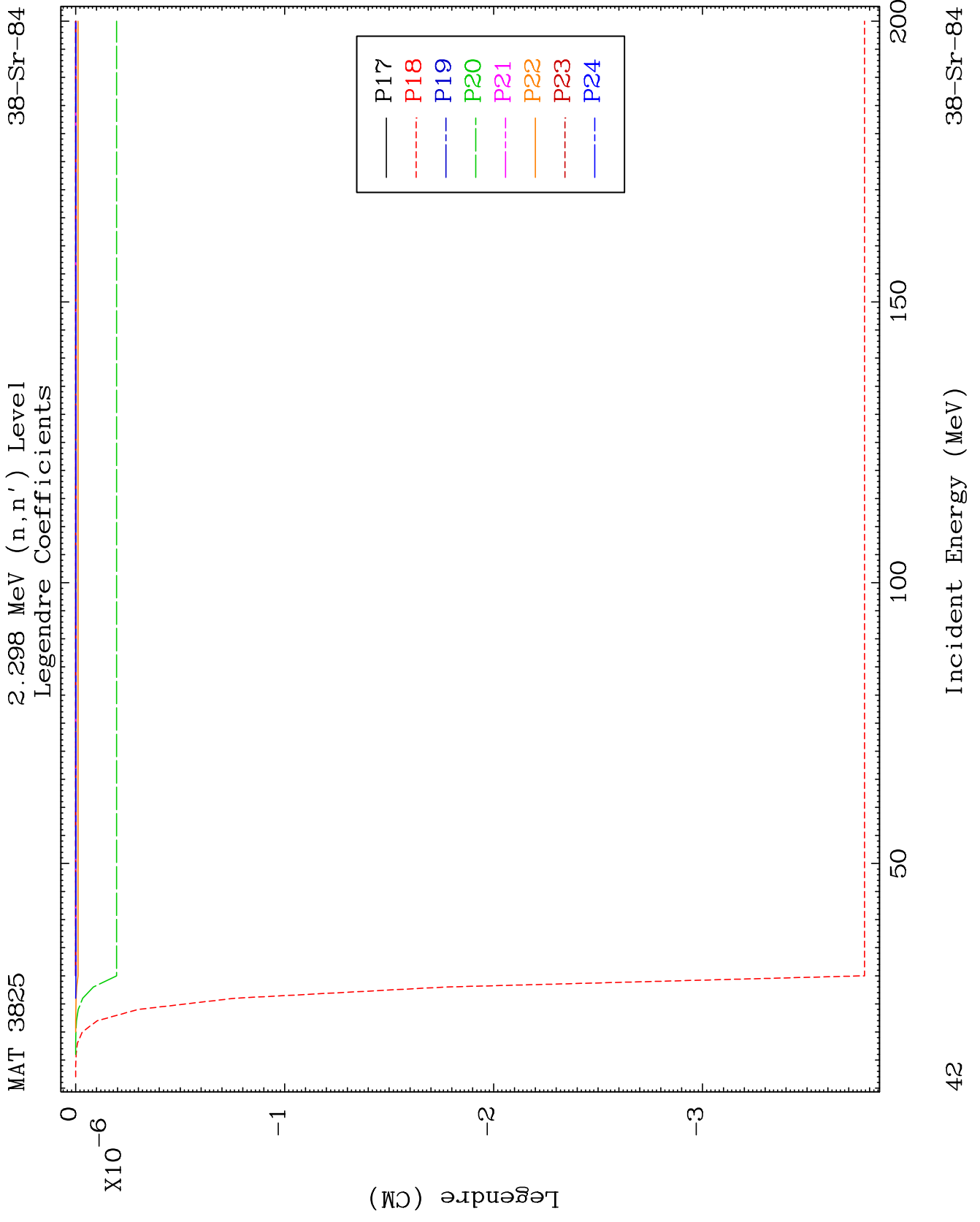
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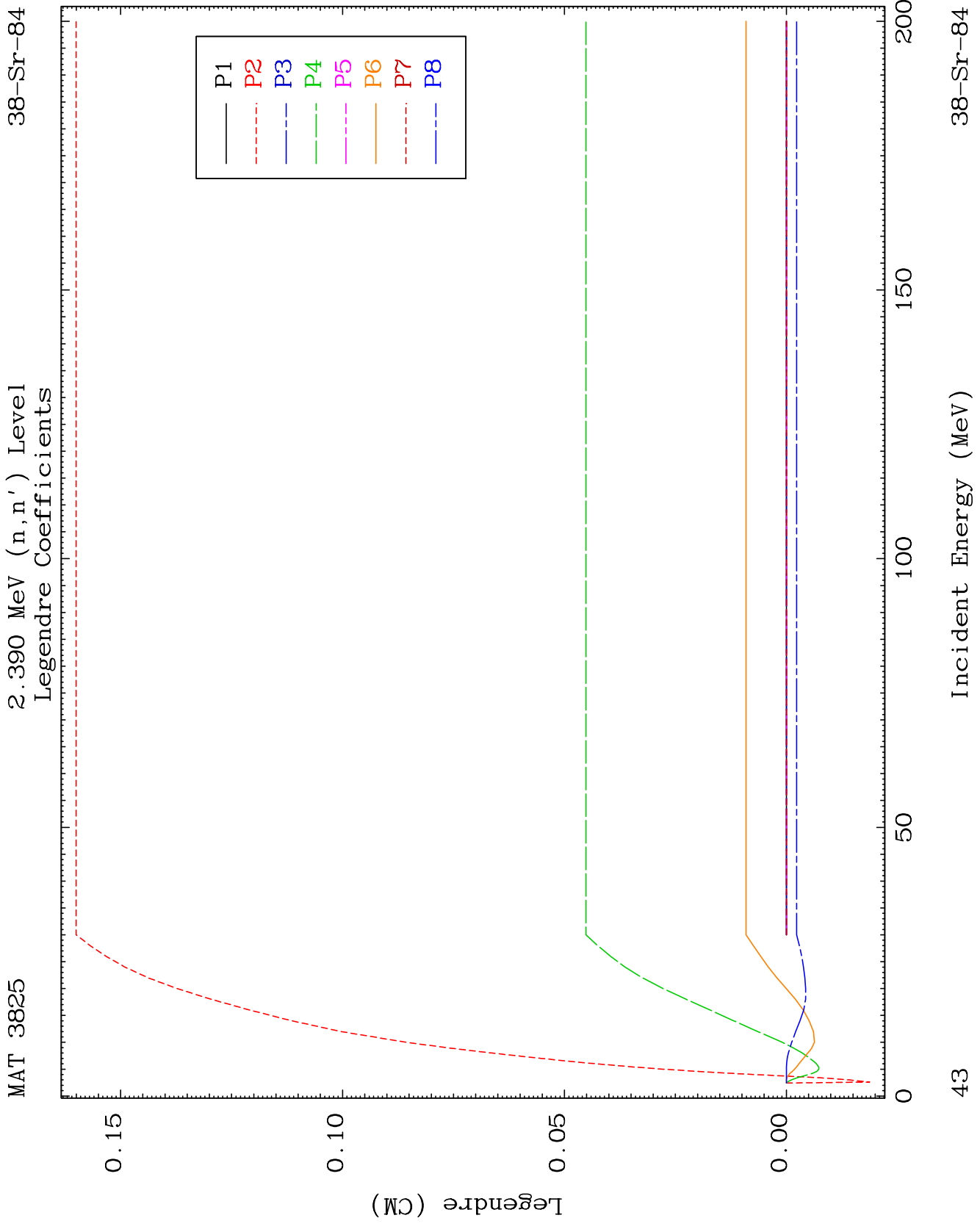


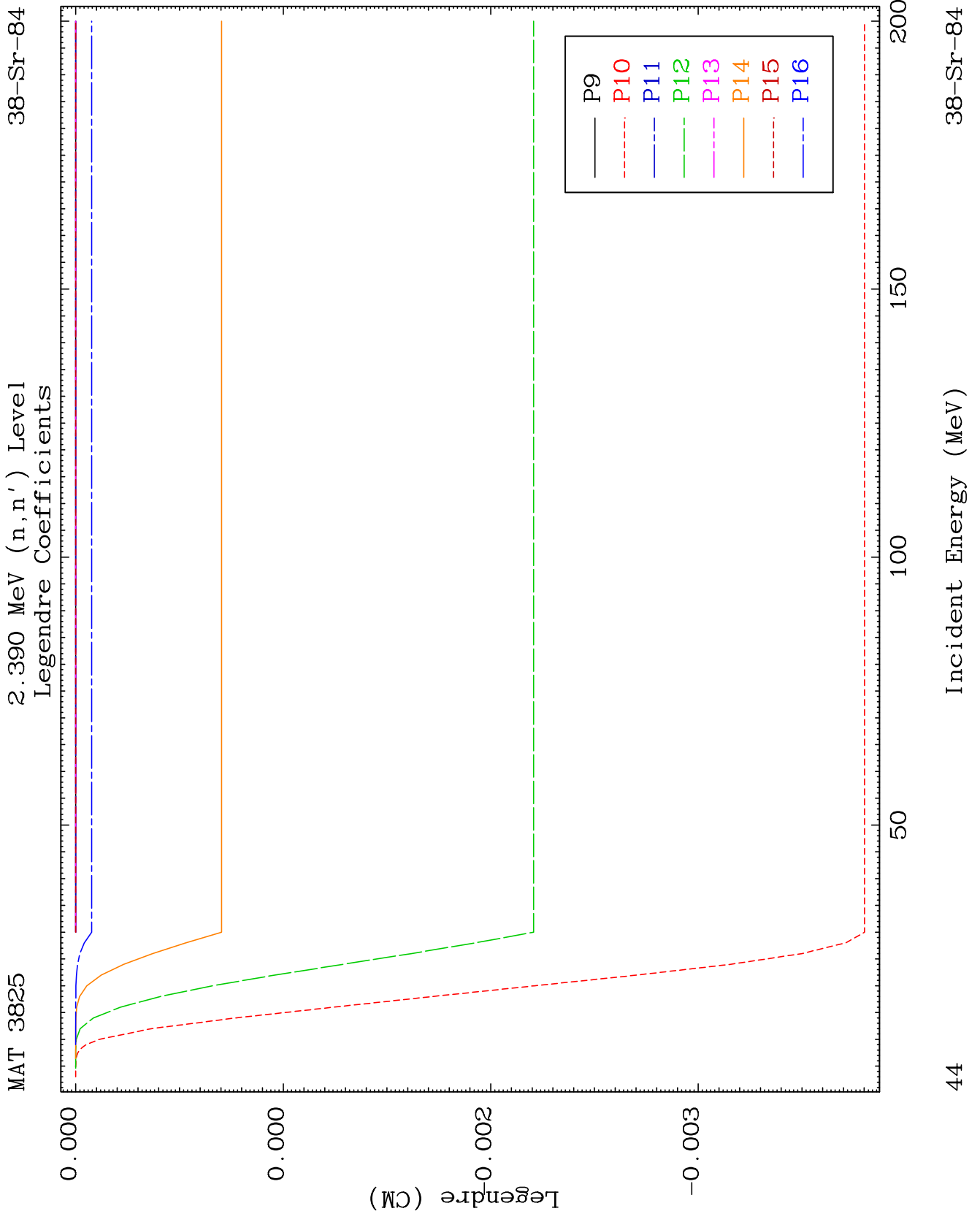


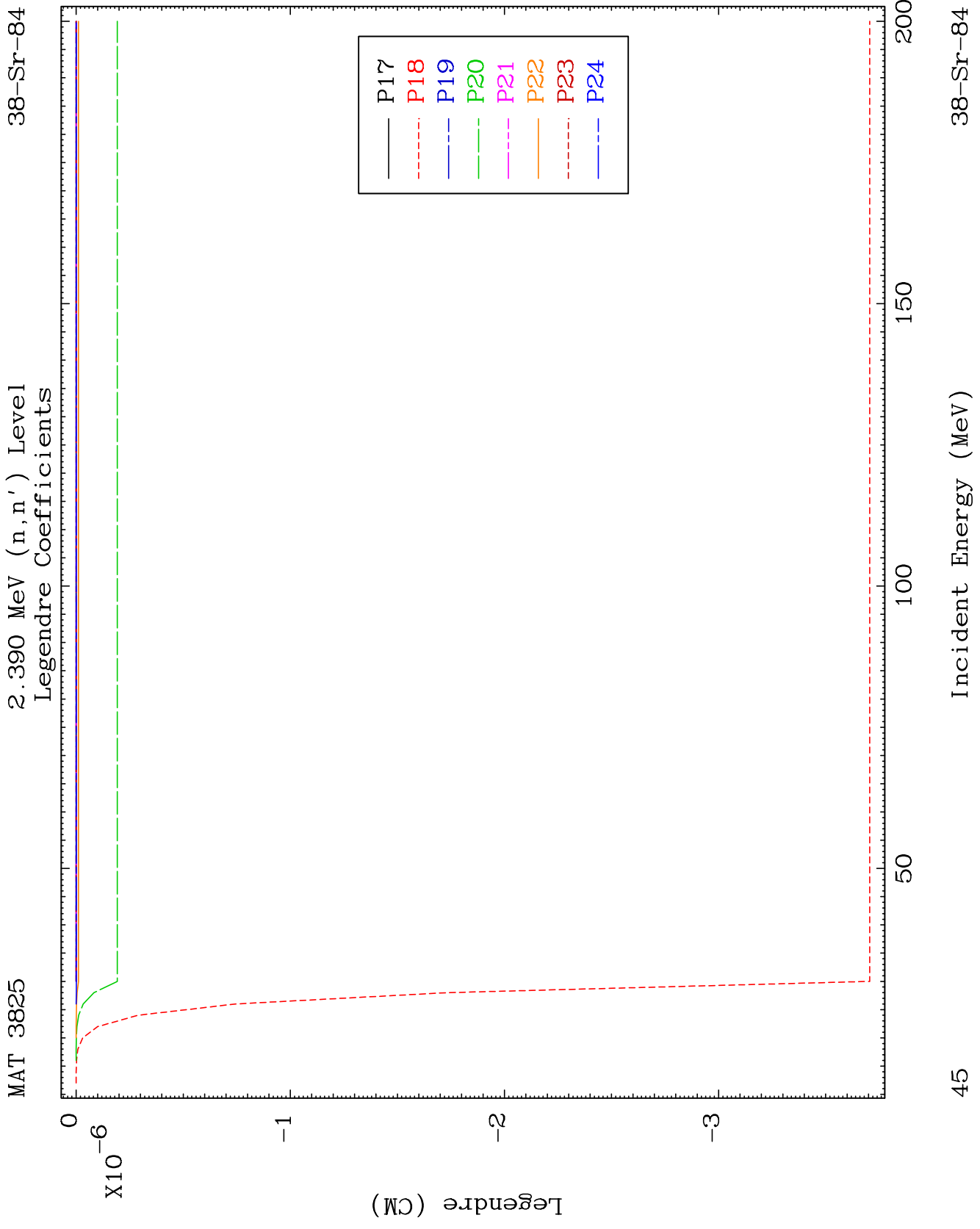








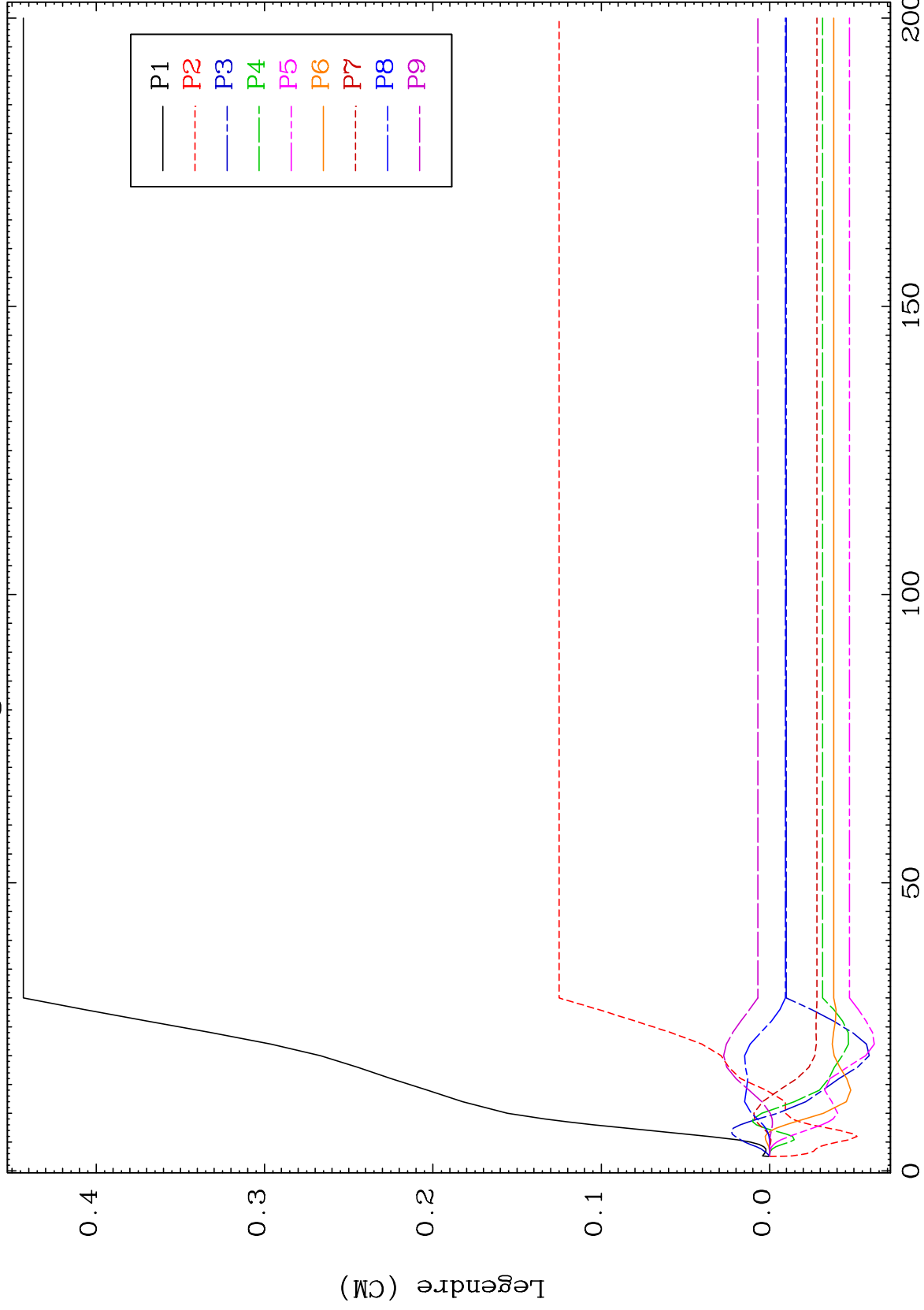




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2.448 MeV (n,n') Level
Legendre Coefficients

38-Sr-84



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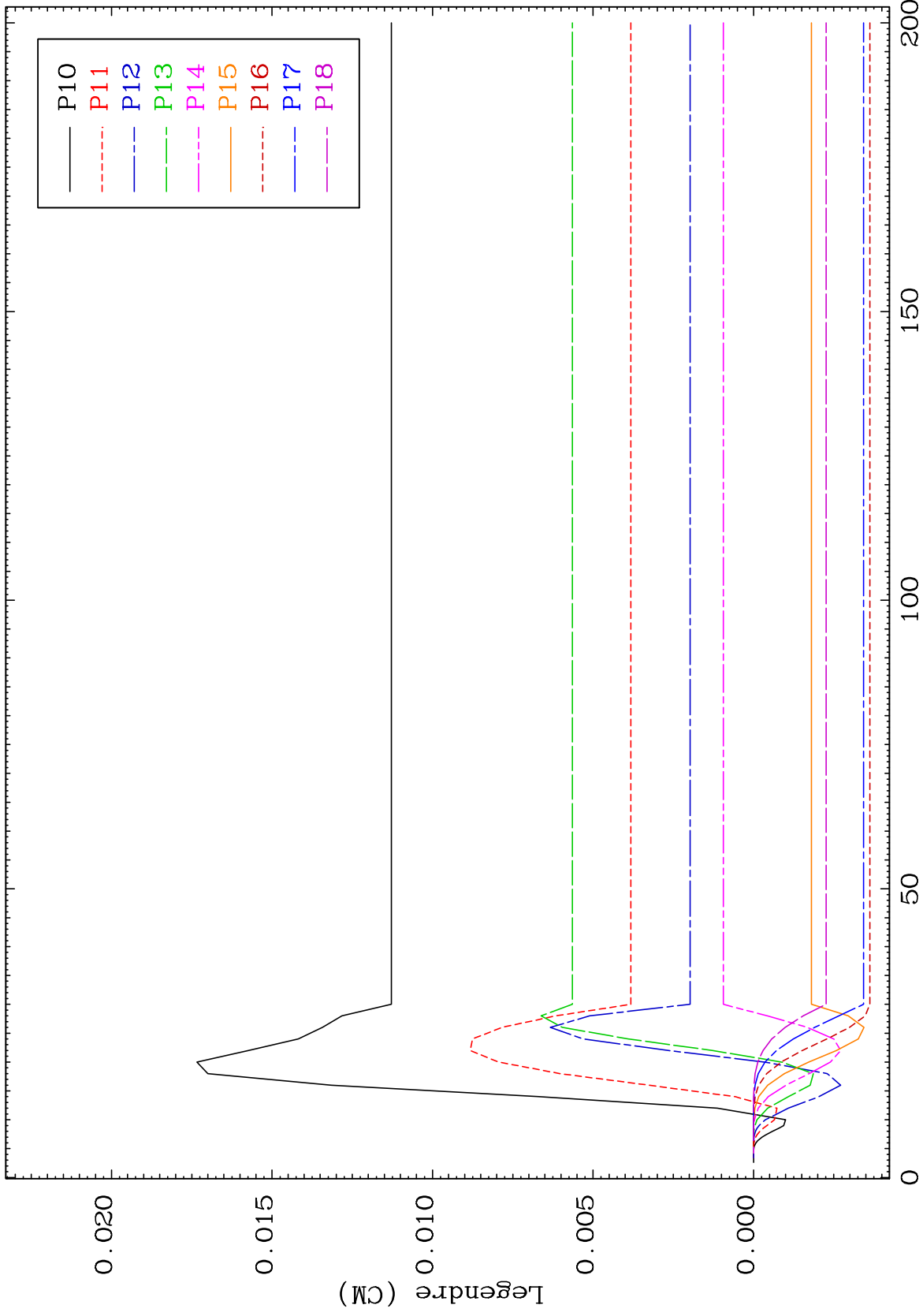
Incident Energy (MeV)

38-Sr-84

MAT 3825

2.448 MeV (n,n') Level
Legendre Coefficients

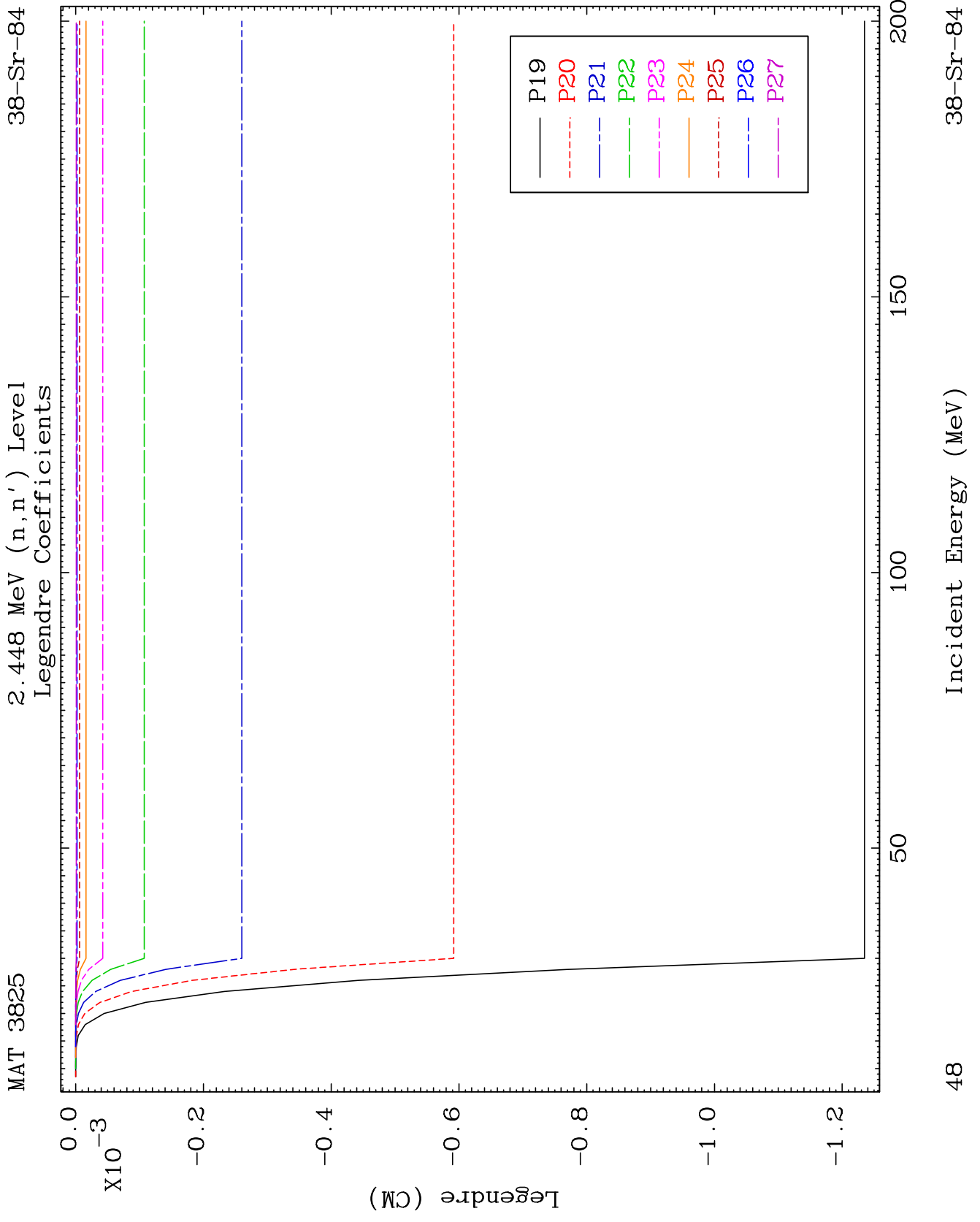
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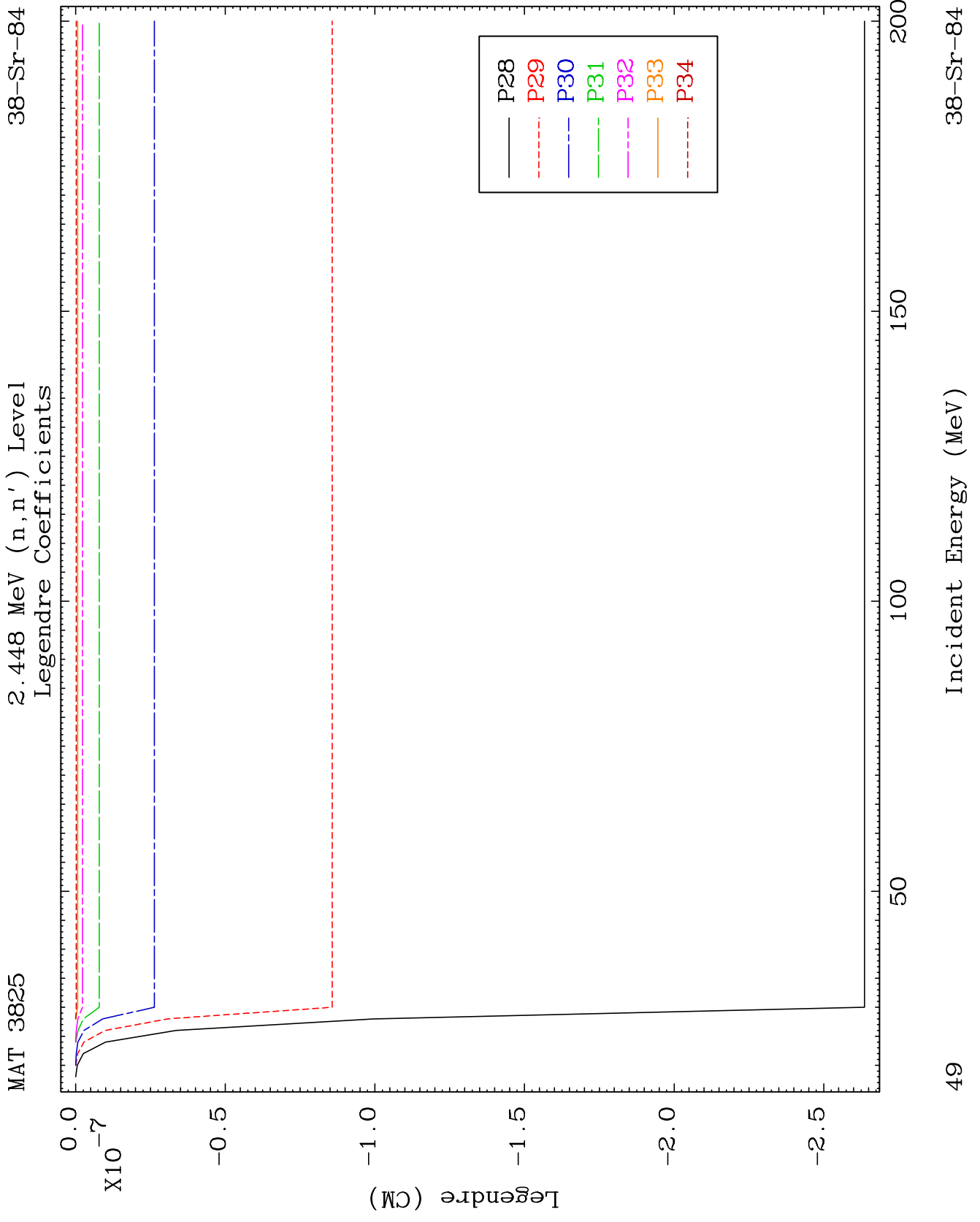


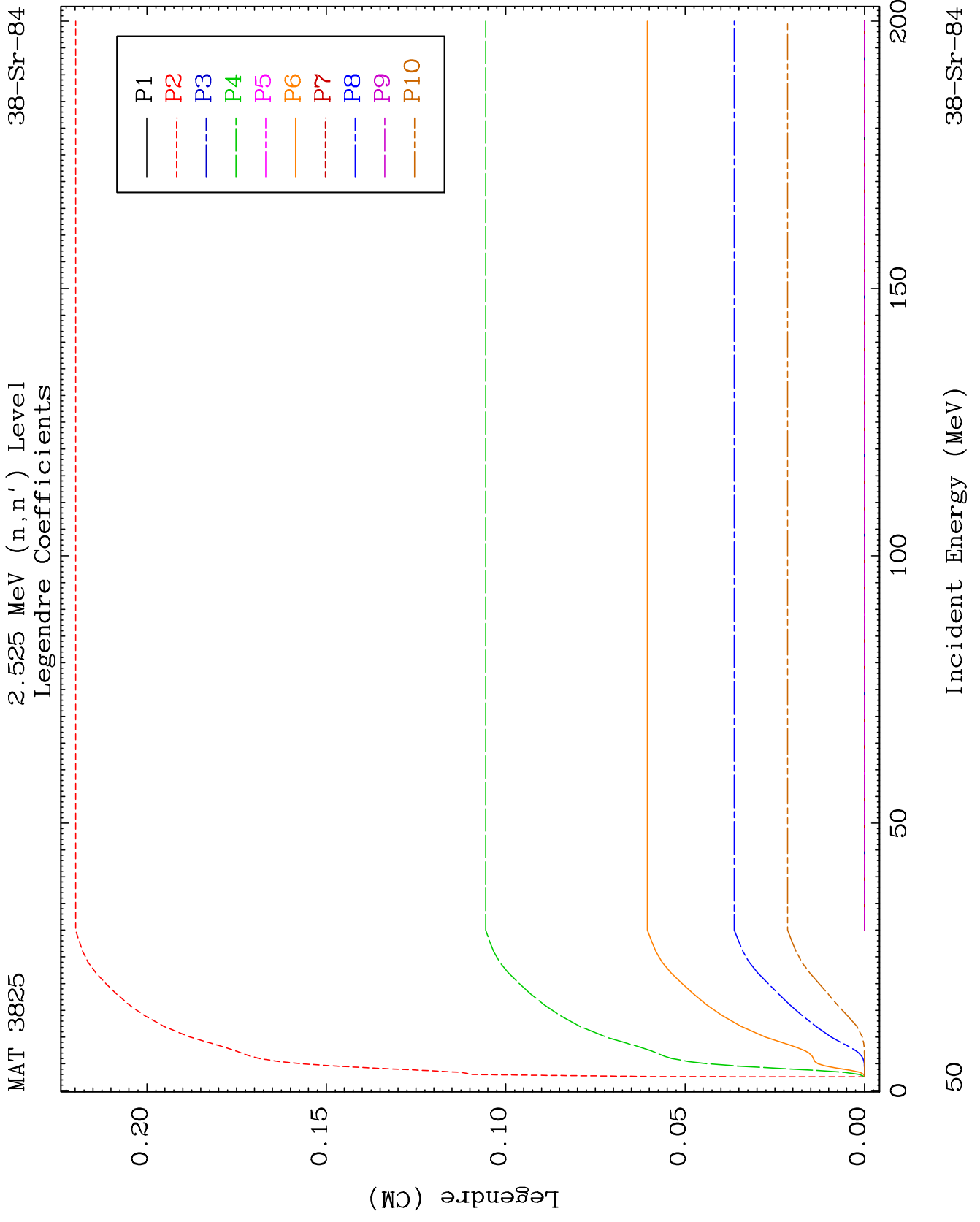
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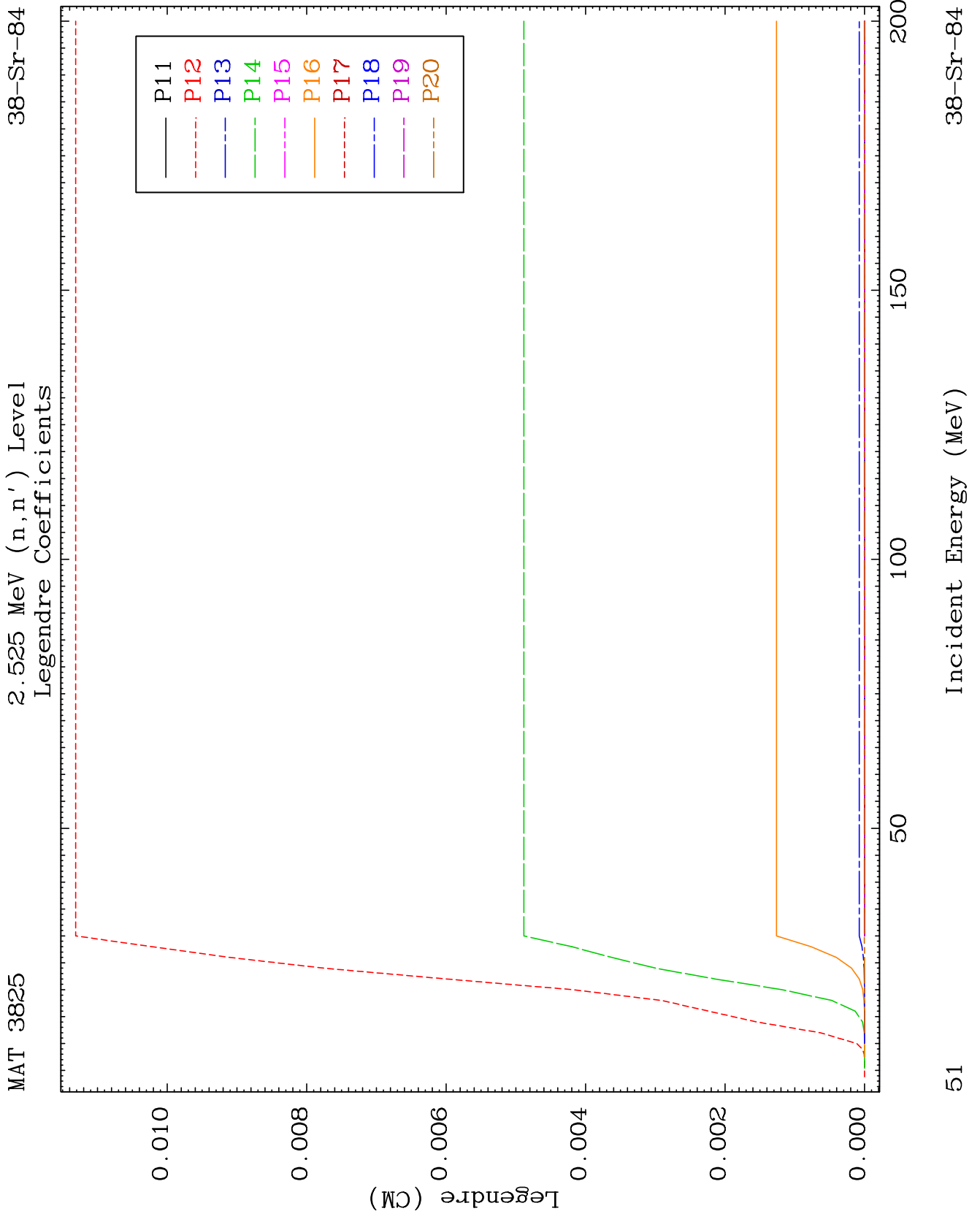
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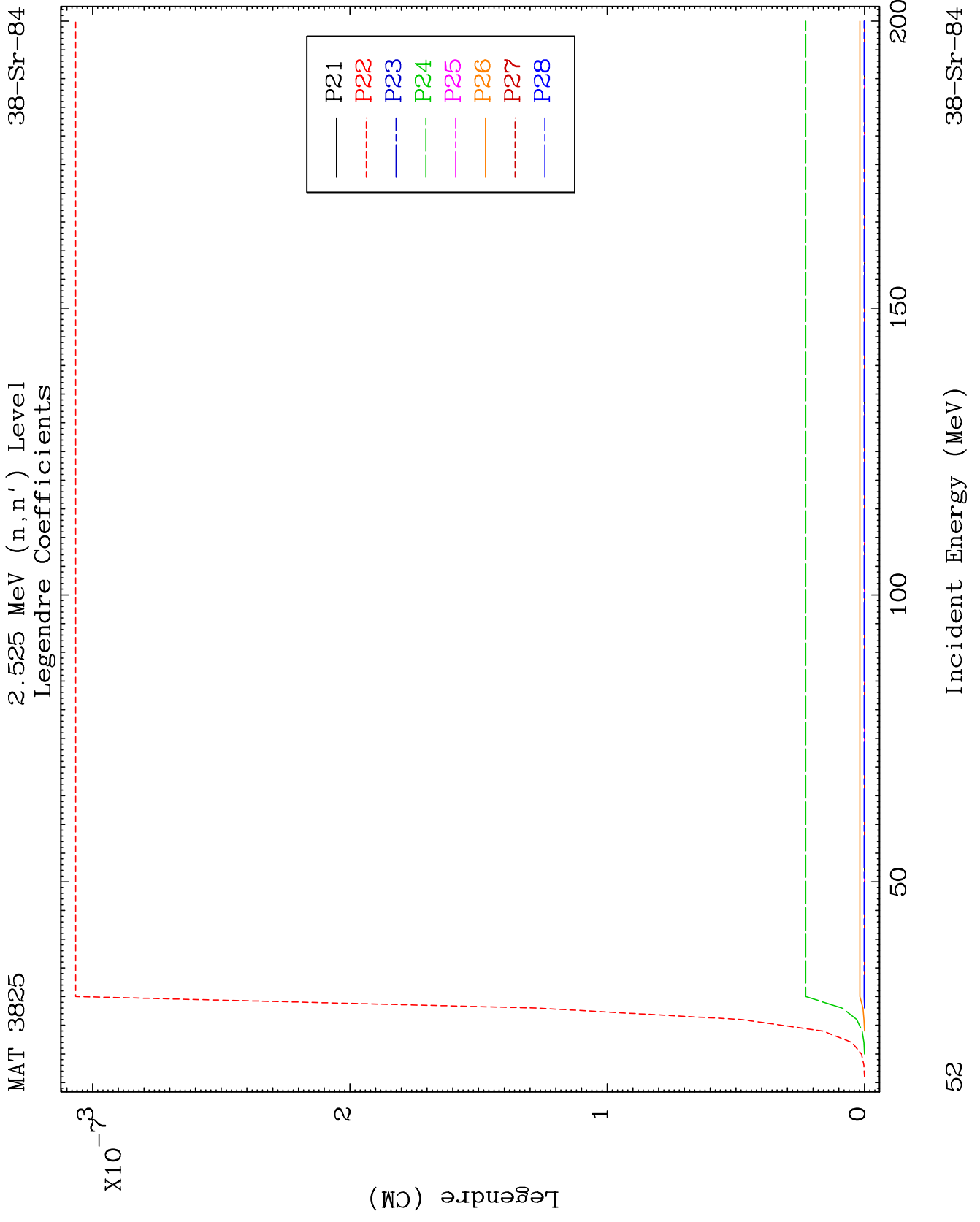
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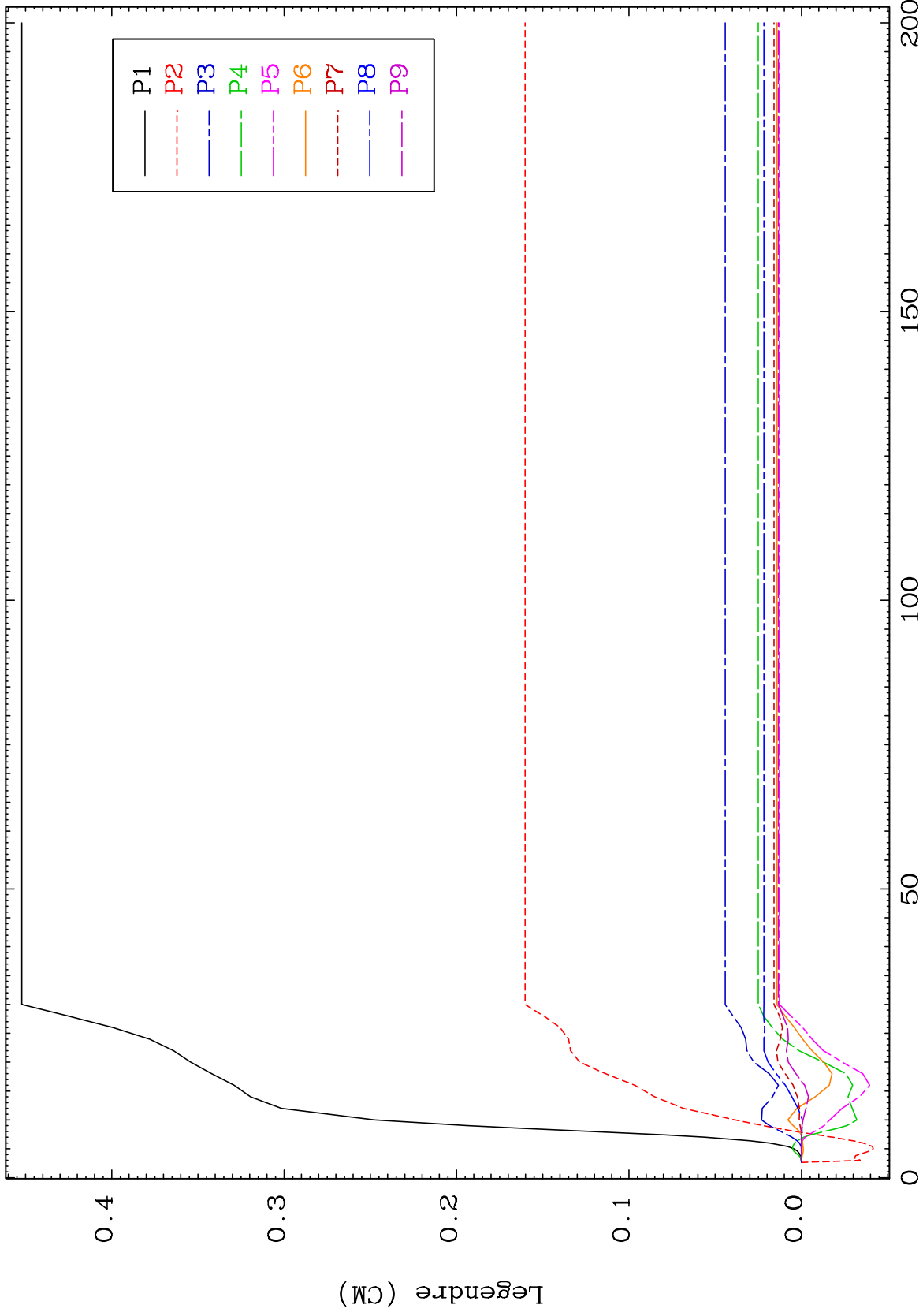




MAT 3825

2.598 MeV (n,n') Level
Legendre Coefficients

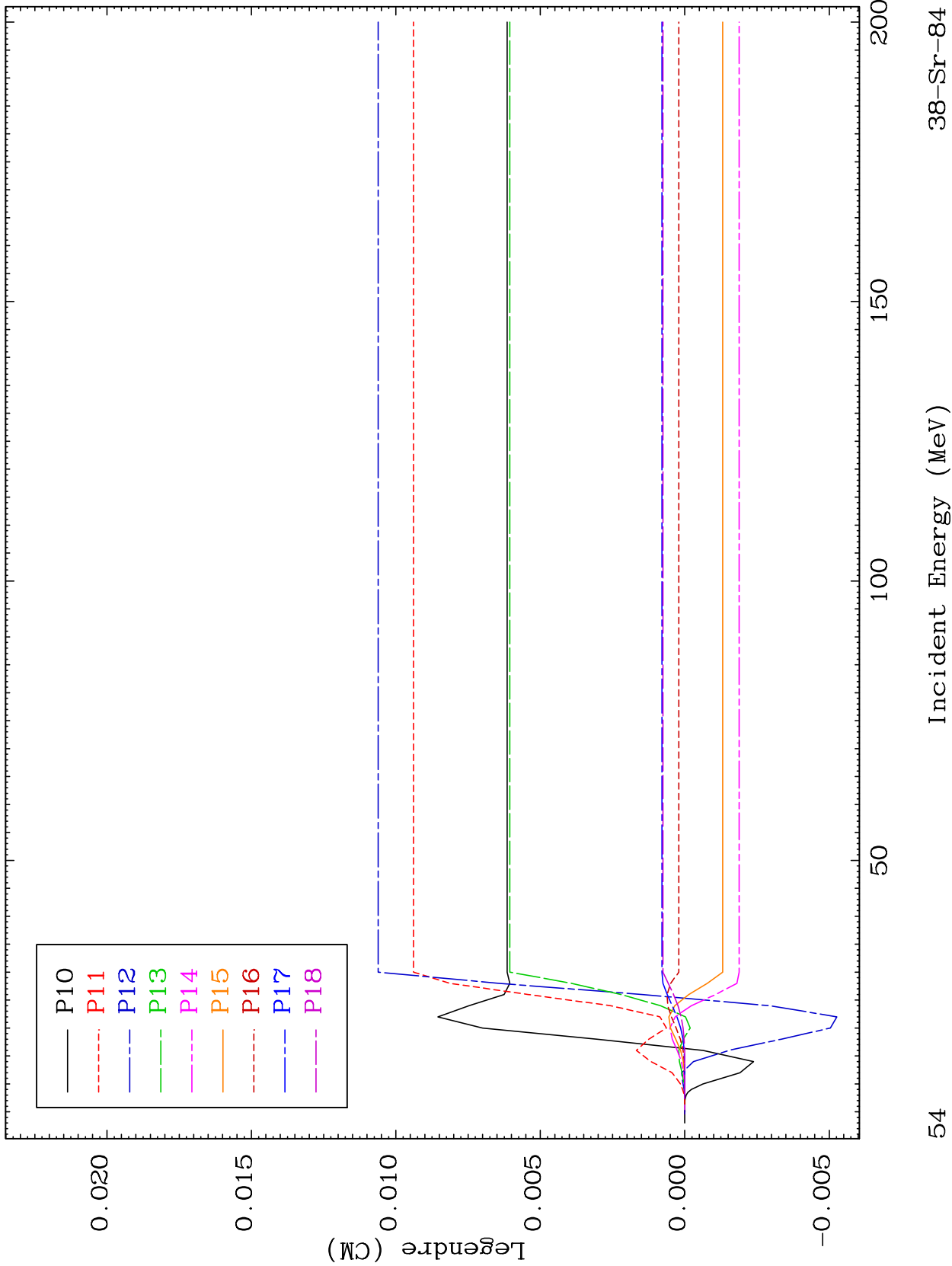
38-Sr-84



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Incident Energy (MeV)

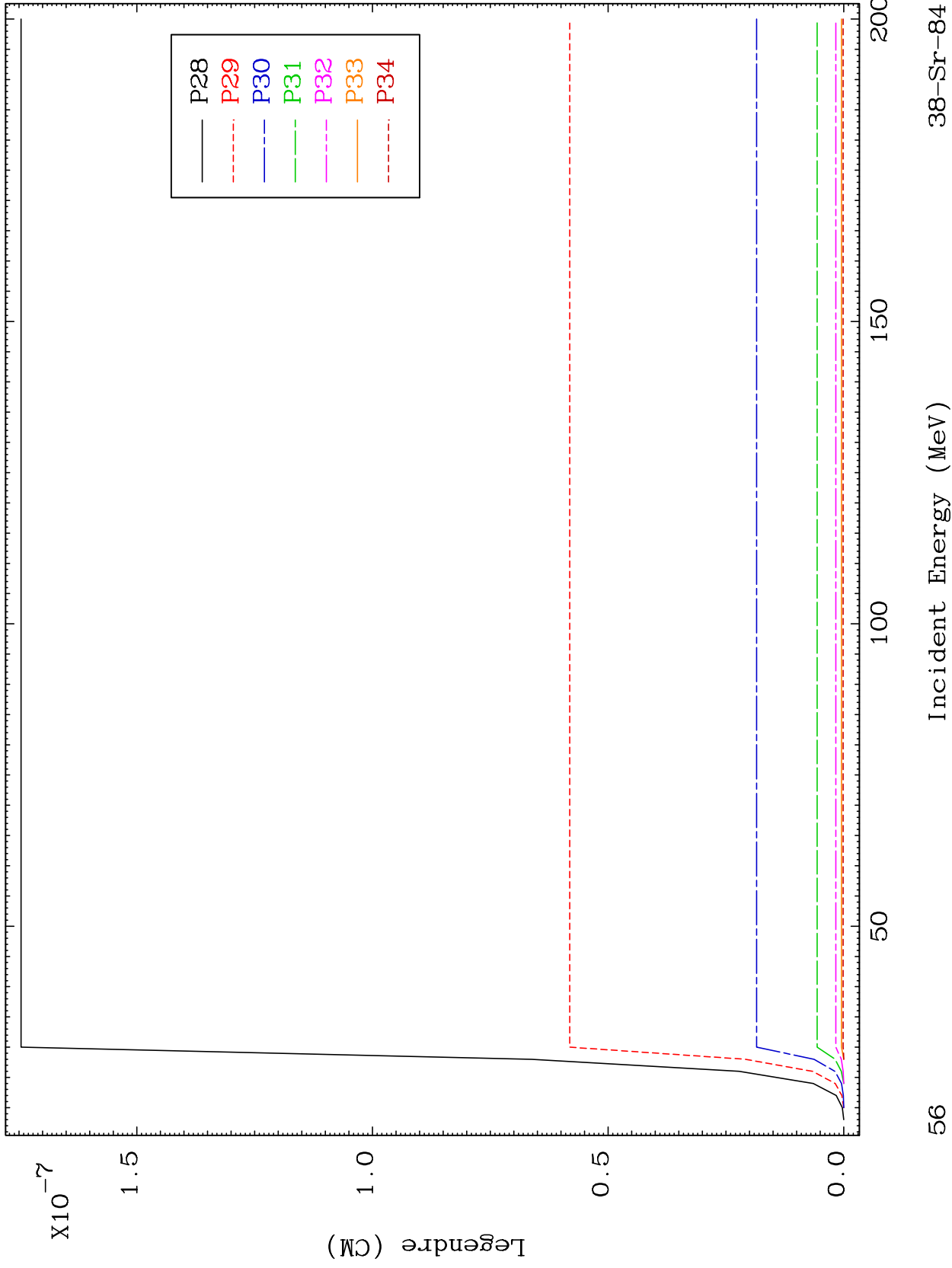
38-Sr-84



MAT 3825

2.598 MeV (n,n') Level
Legendre Coefficients

38-Sr-84



56

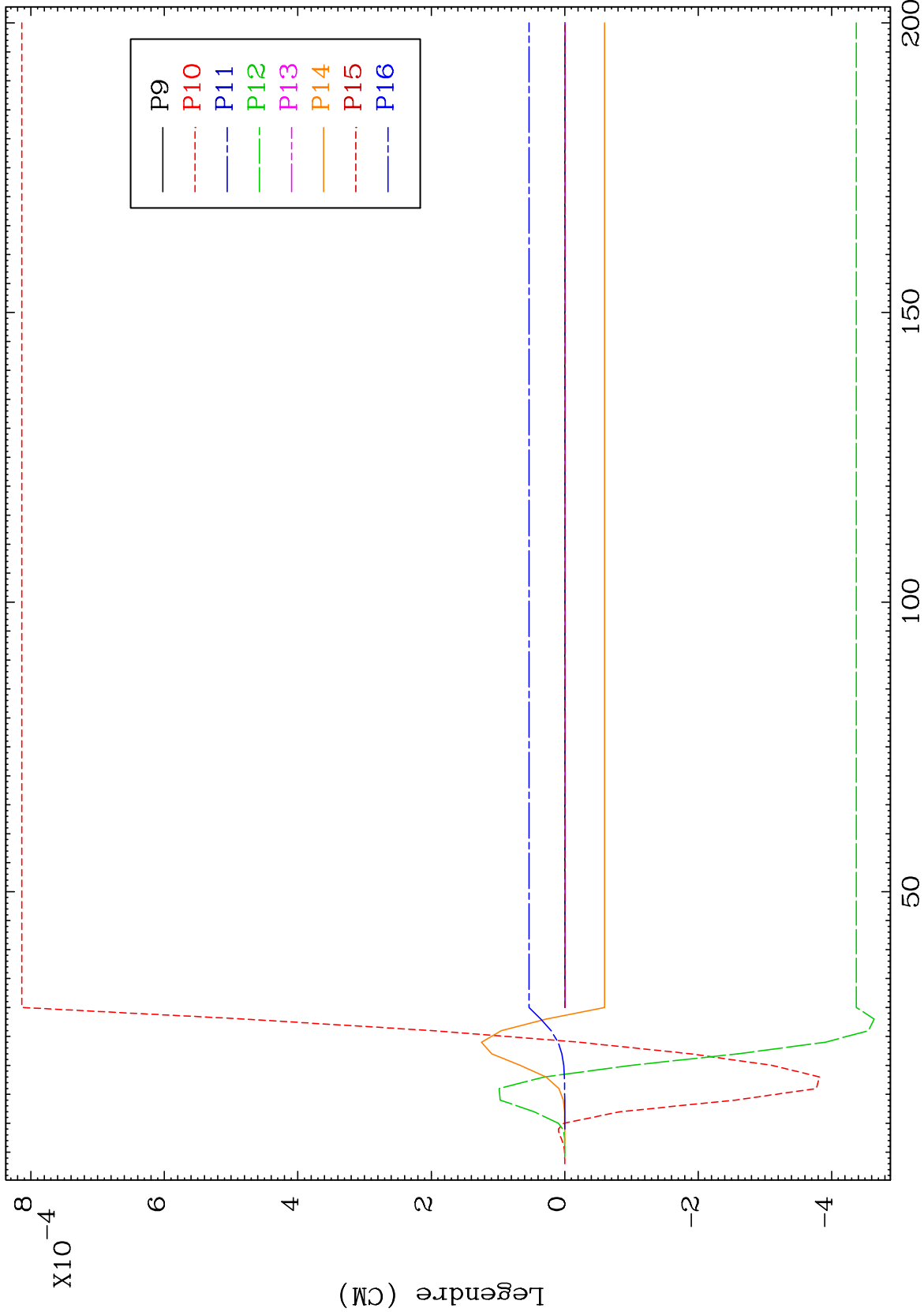
Incident Energy (MeV)

38-Sr-84

MAT 3825

2.735 MeV (n,n') Level
Legendre Coefficients

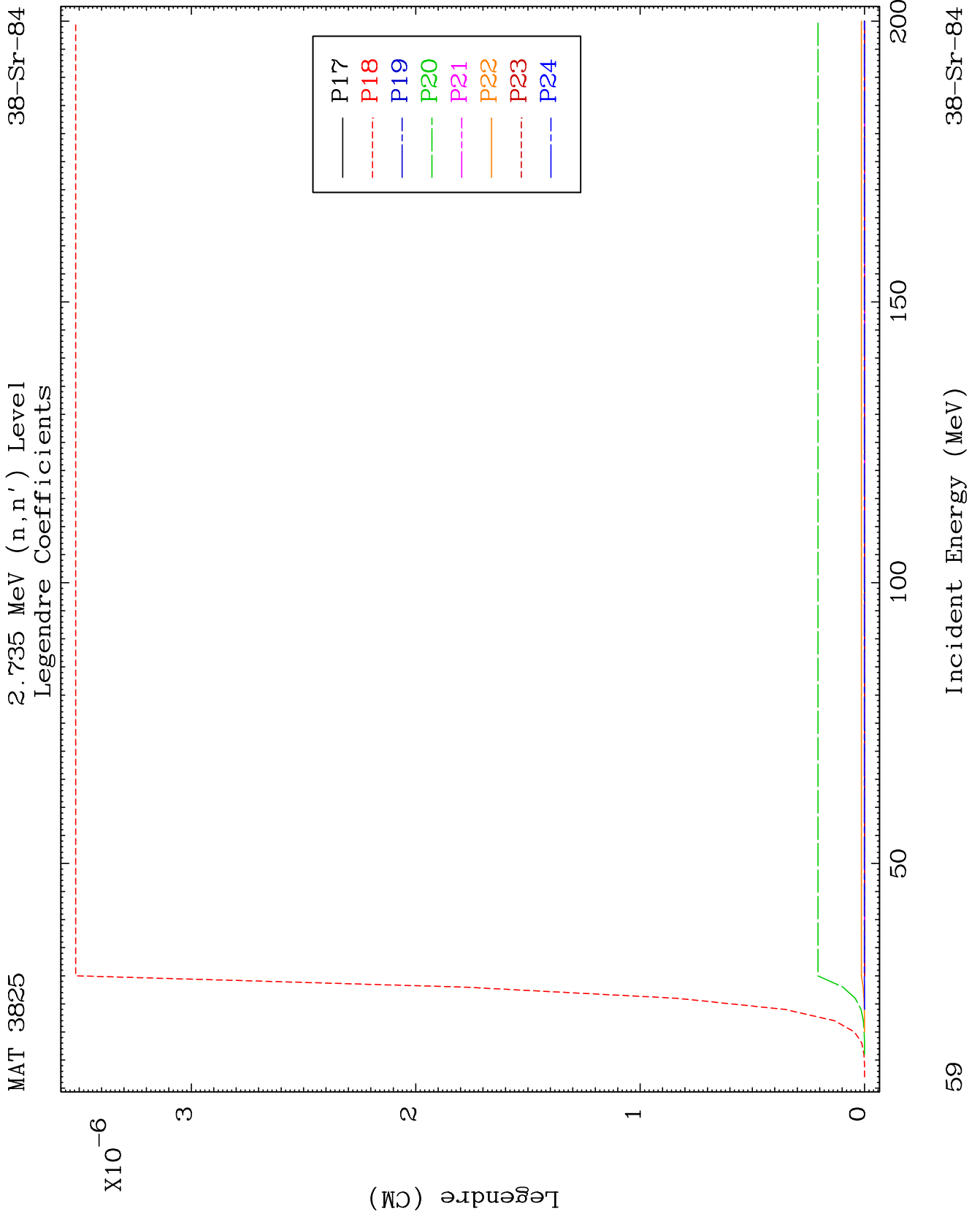
38-Sr-84



58

Incident Energy (MeV)

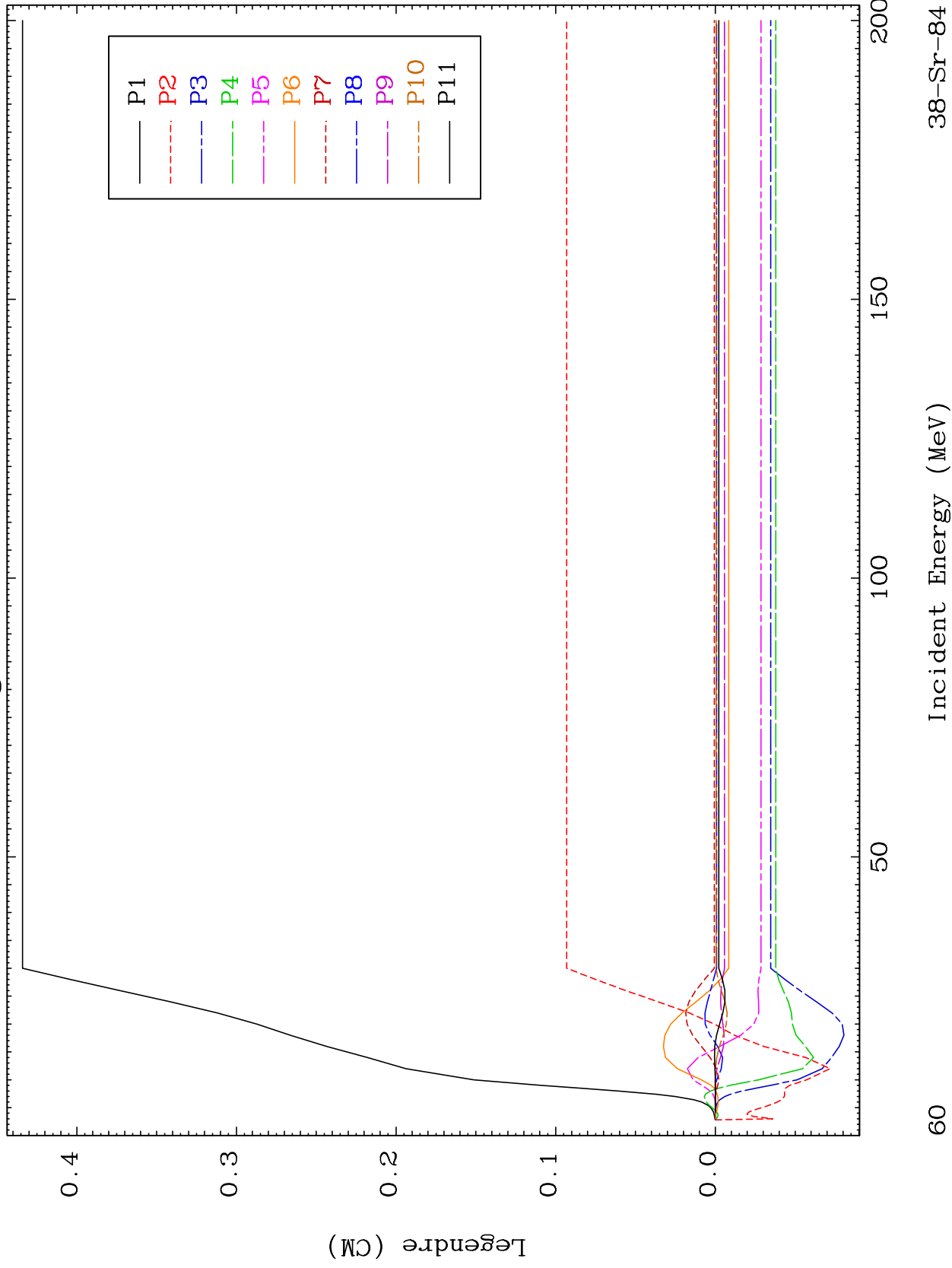
38-Sr-84



MAT 3825

2.769 MeV (n,n') Level
Legendre Coefficients

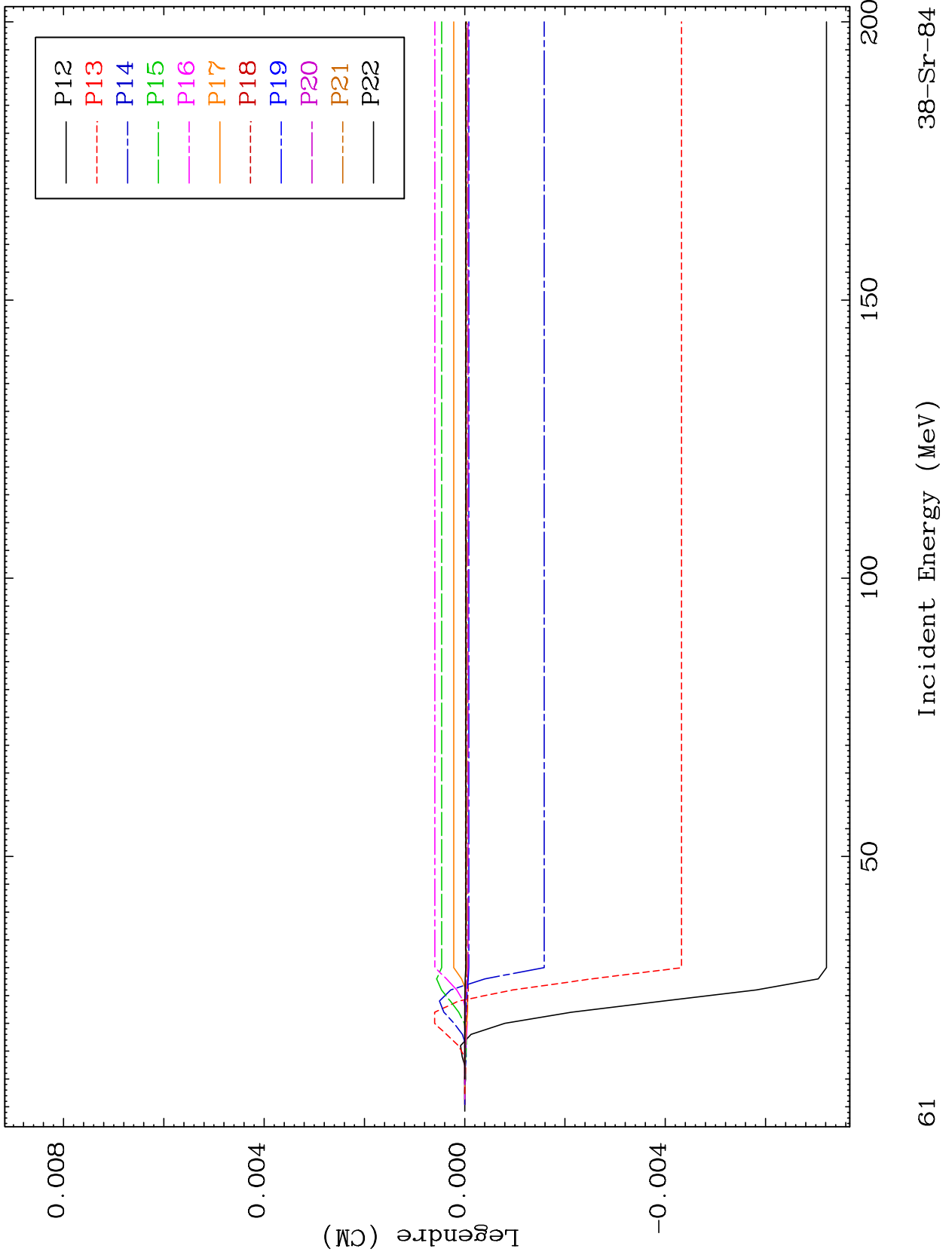
38-Sr-84



MAT 3825

2.769 MeV (n,n') Level
Legendre Coefficients

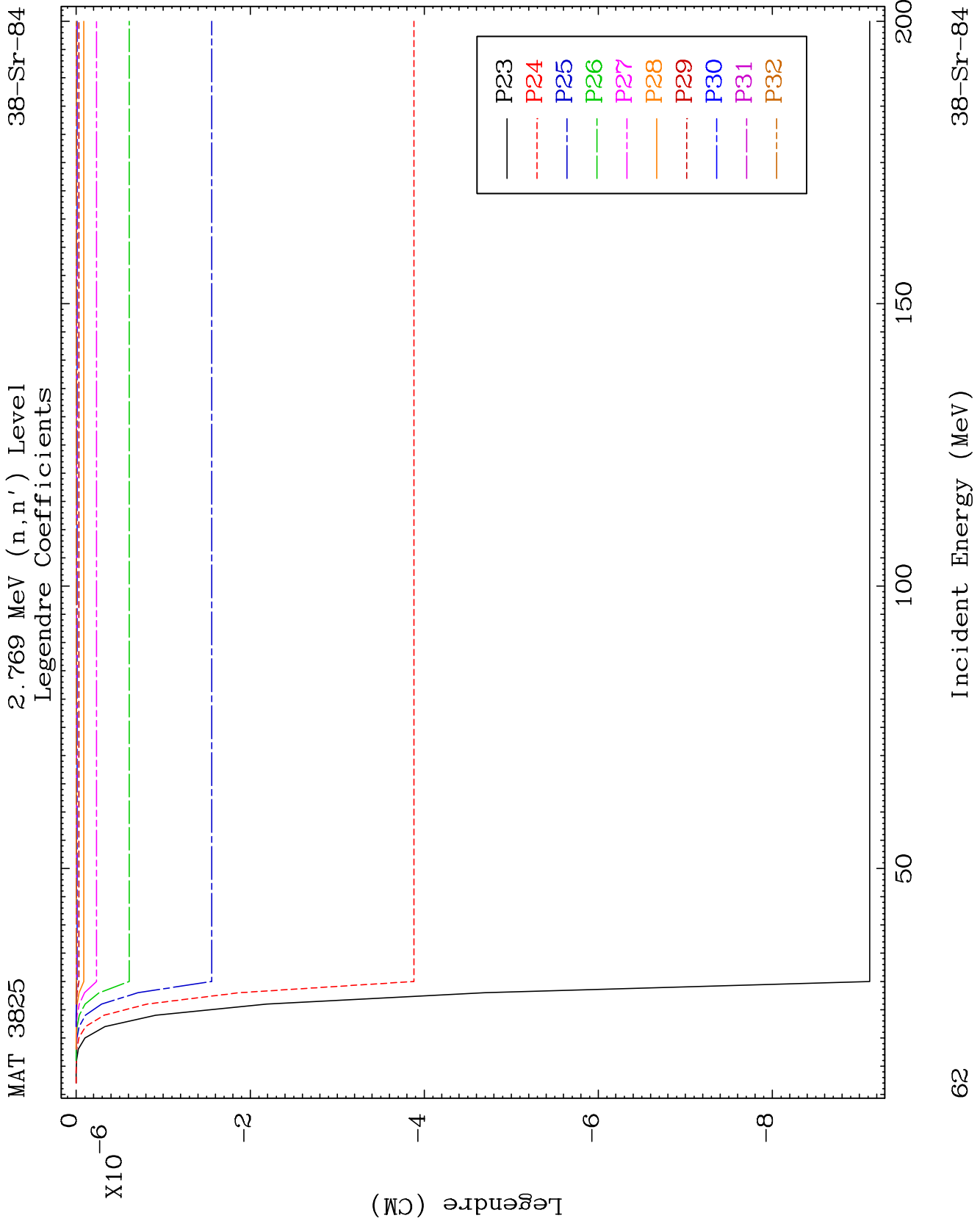
38-Sr-84



61

Incident Energy (MeV)

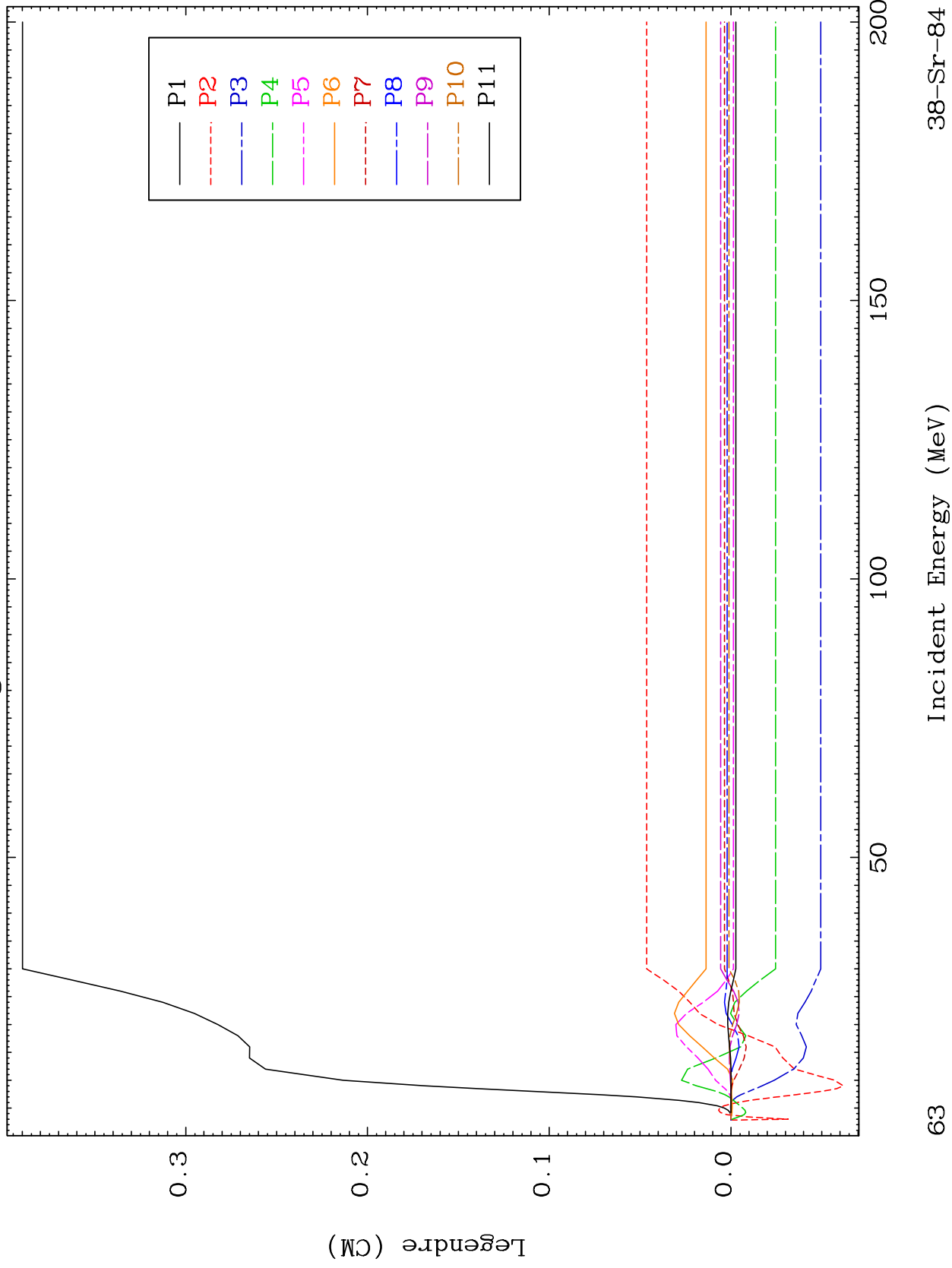
38-Sr-84



MAT 3825

2.808 MeV (n,n') Level
Legendre Coefficients

38-Sr-84



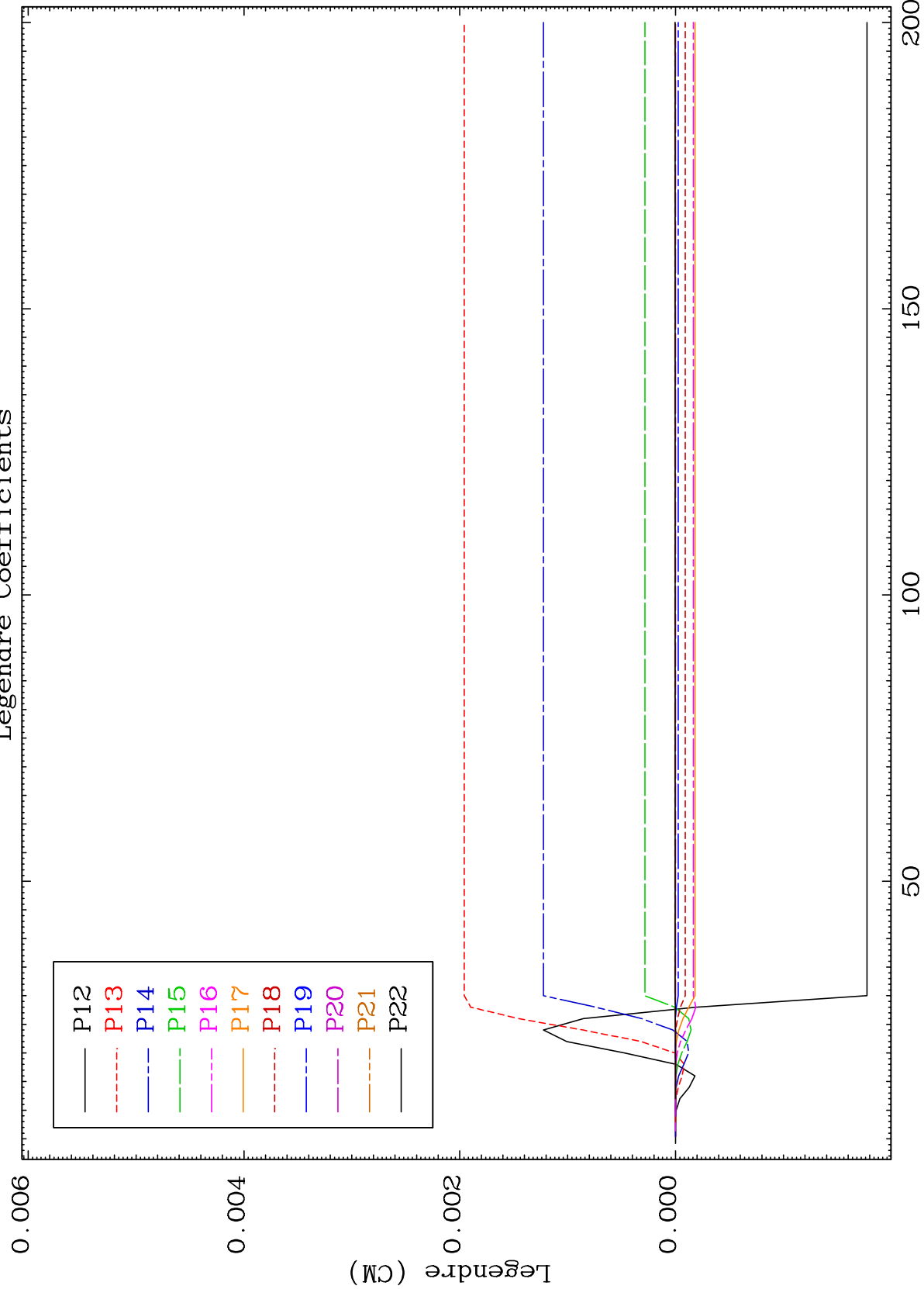
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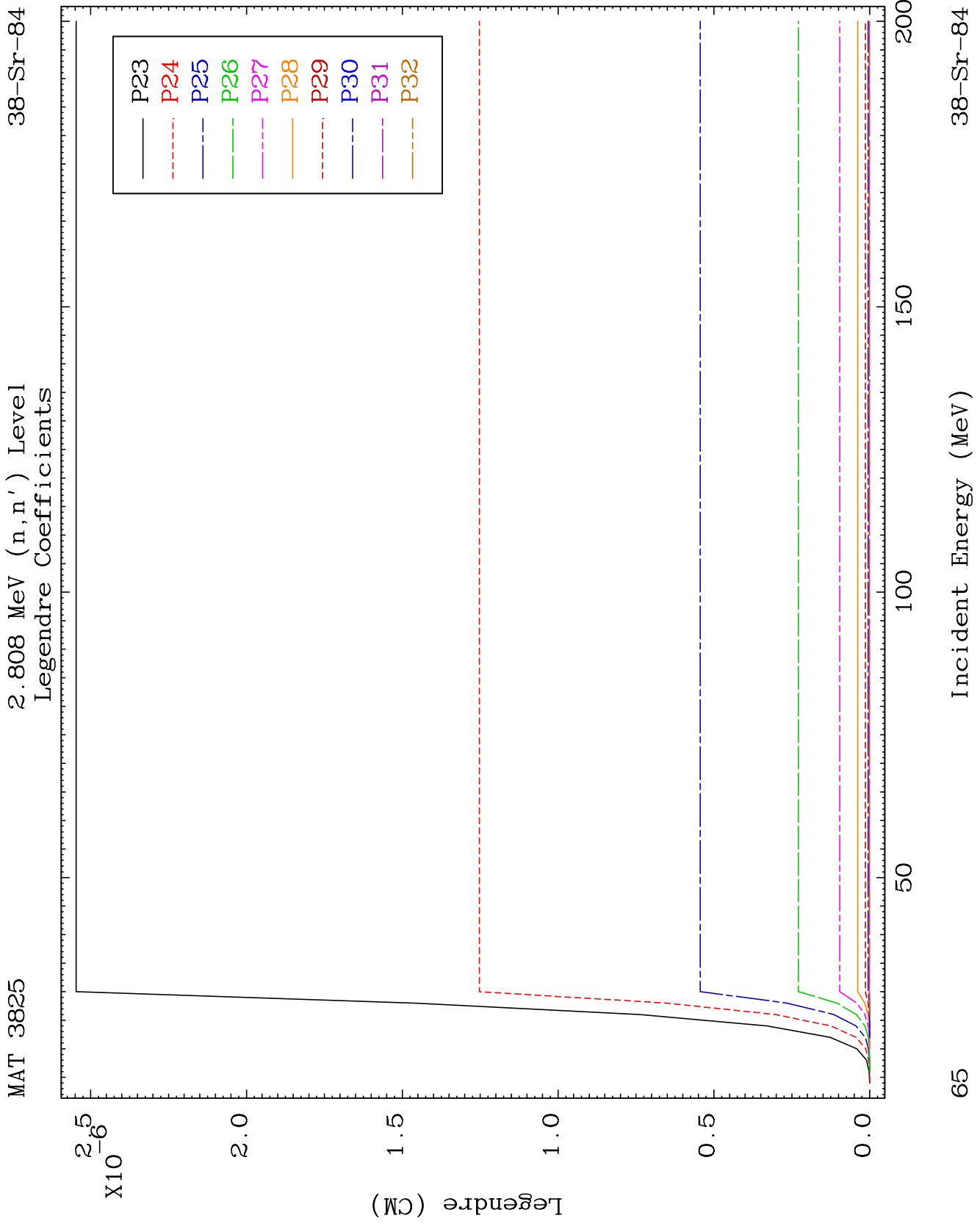
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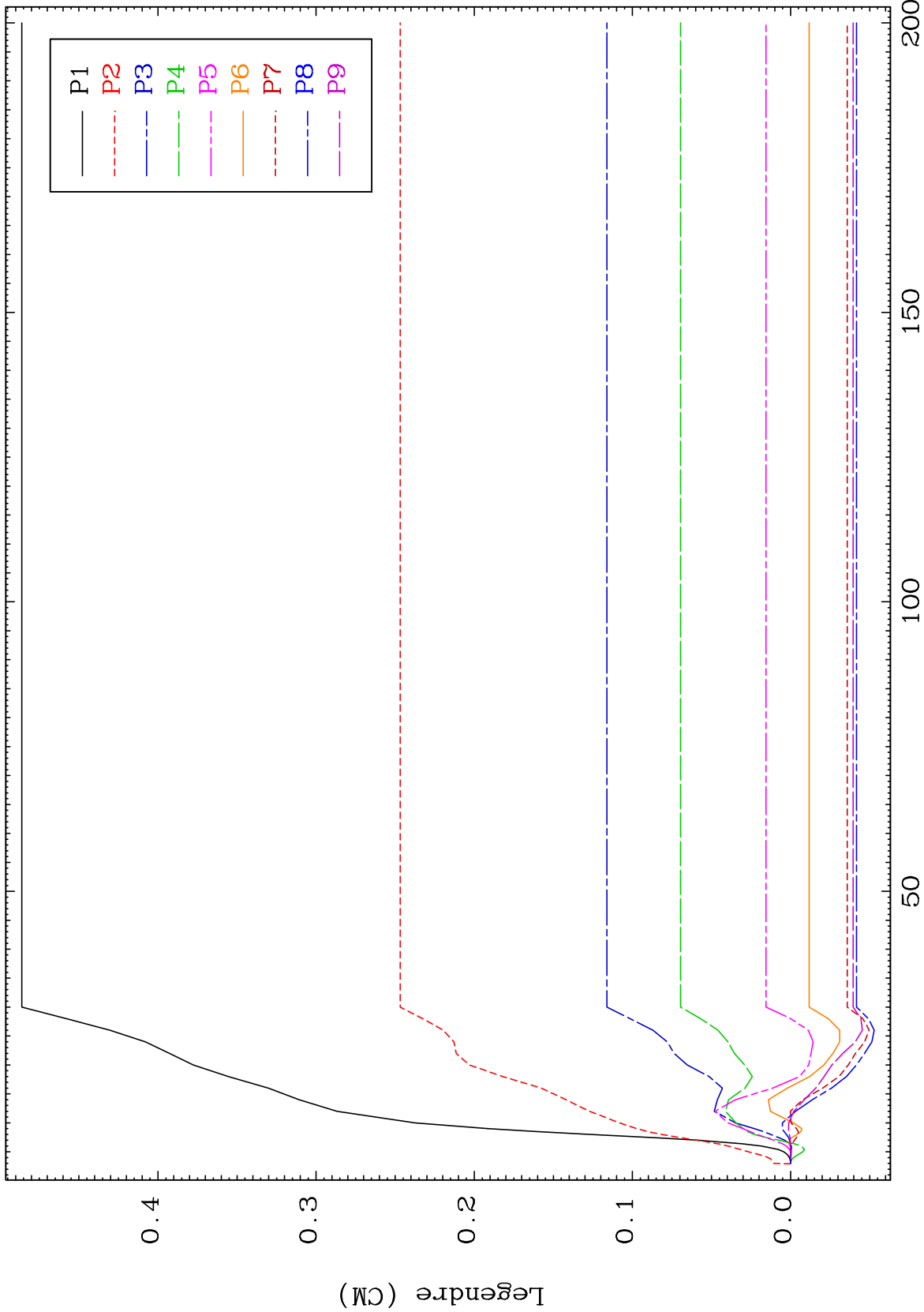
MAT 3825

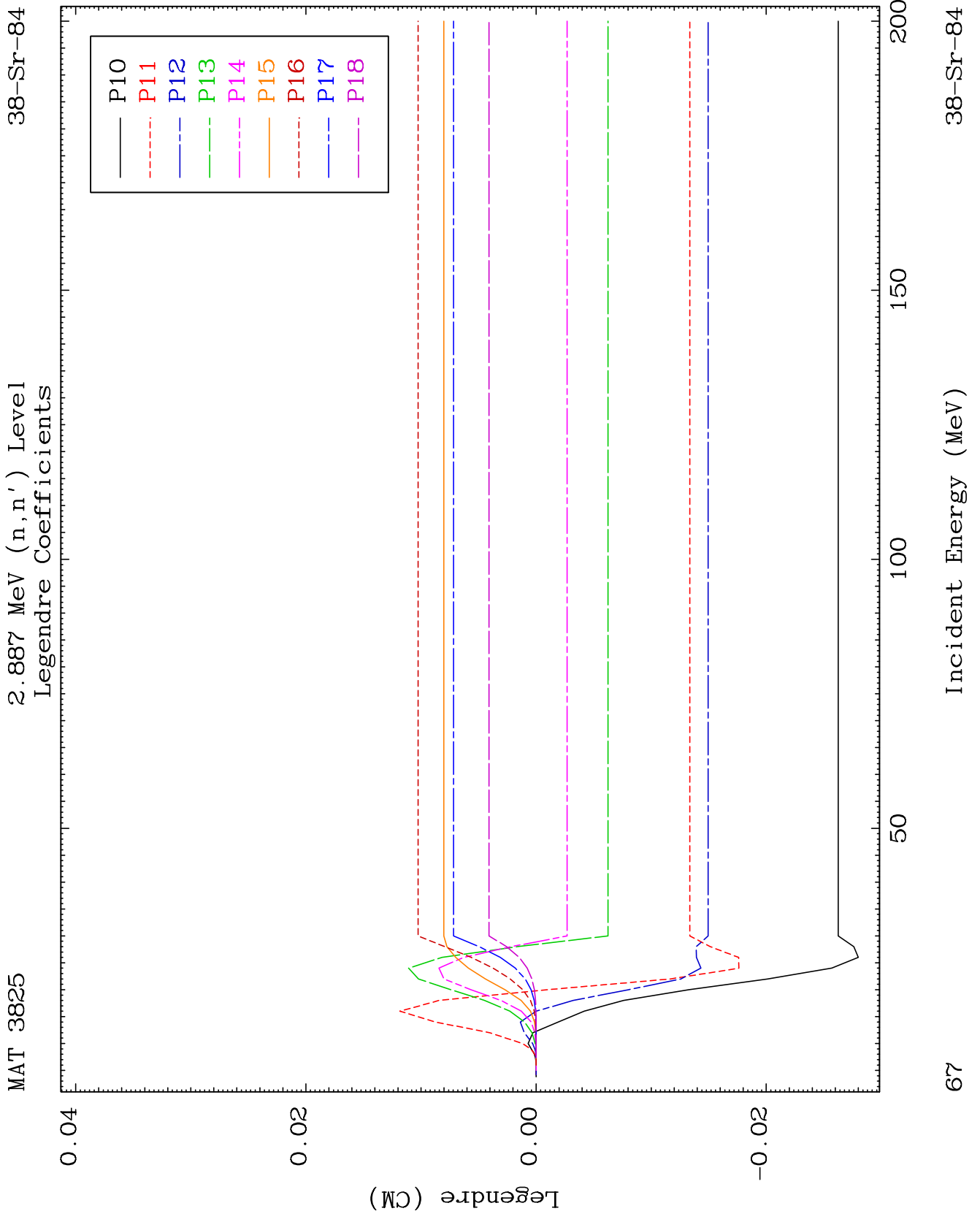
2.808 MeV (n,n') Level
Legendre Coefficients

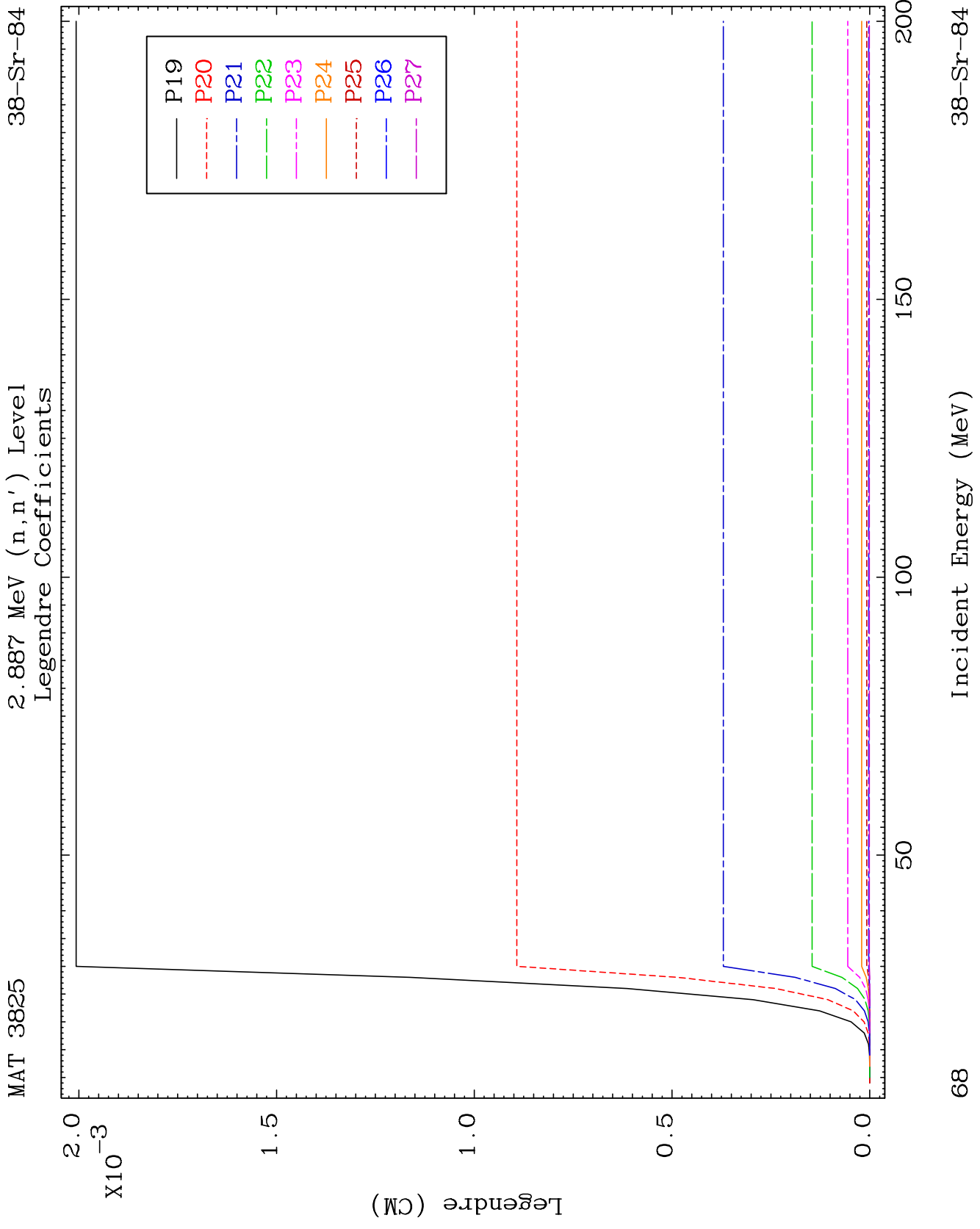
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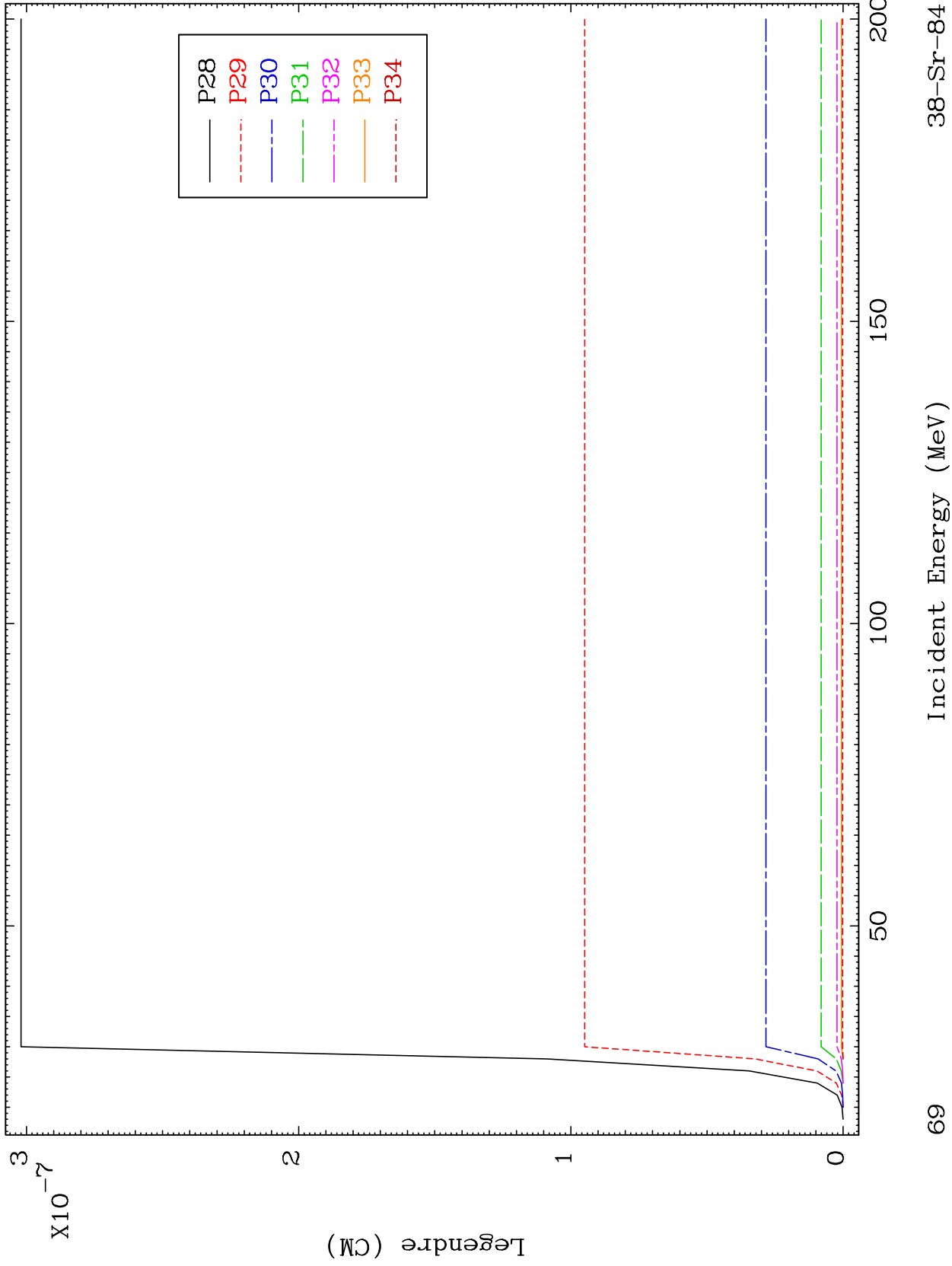




MAT 3825

2.887 MeV (n,n') Level
Legendre Coefficients

38-Sr-84

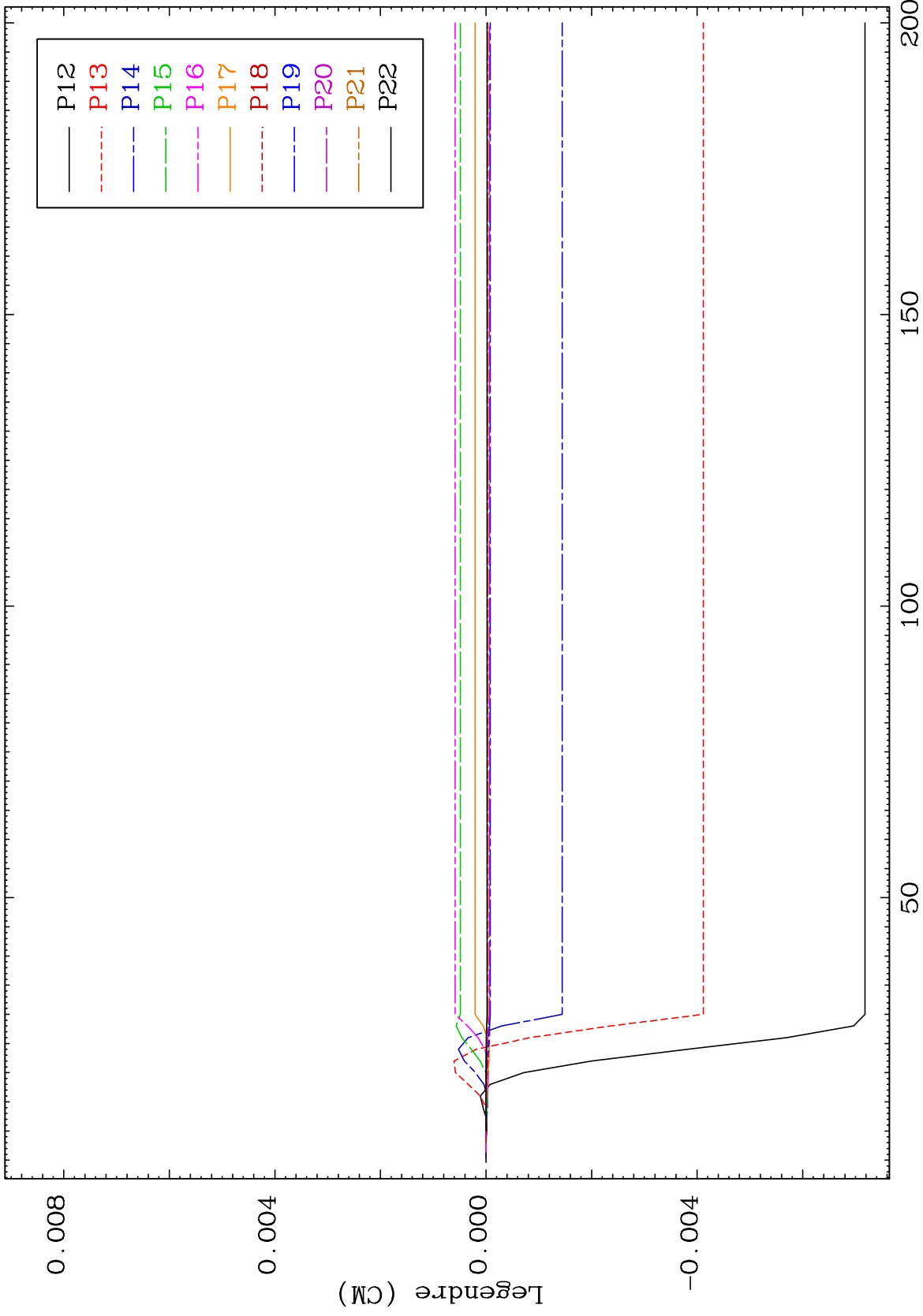


69

MAT 3825

3.041 MeV (n,n') Level
Legendre Coefficients

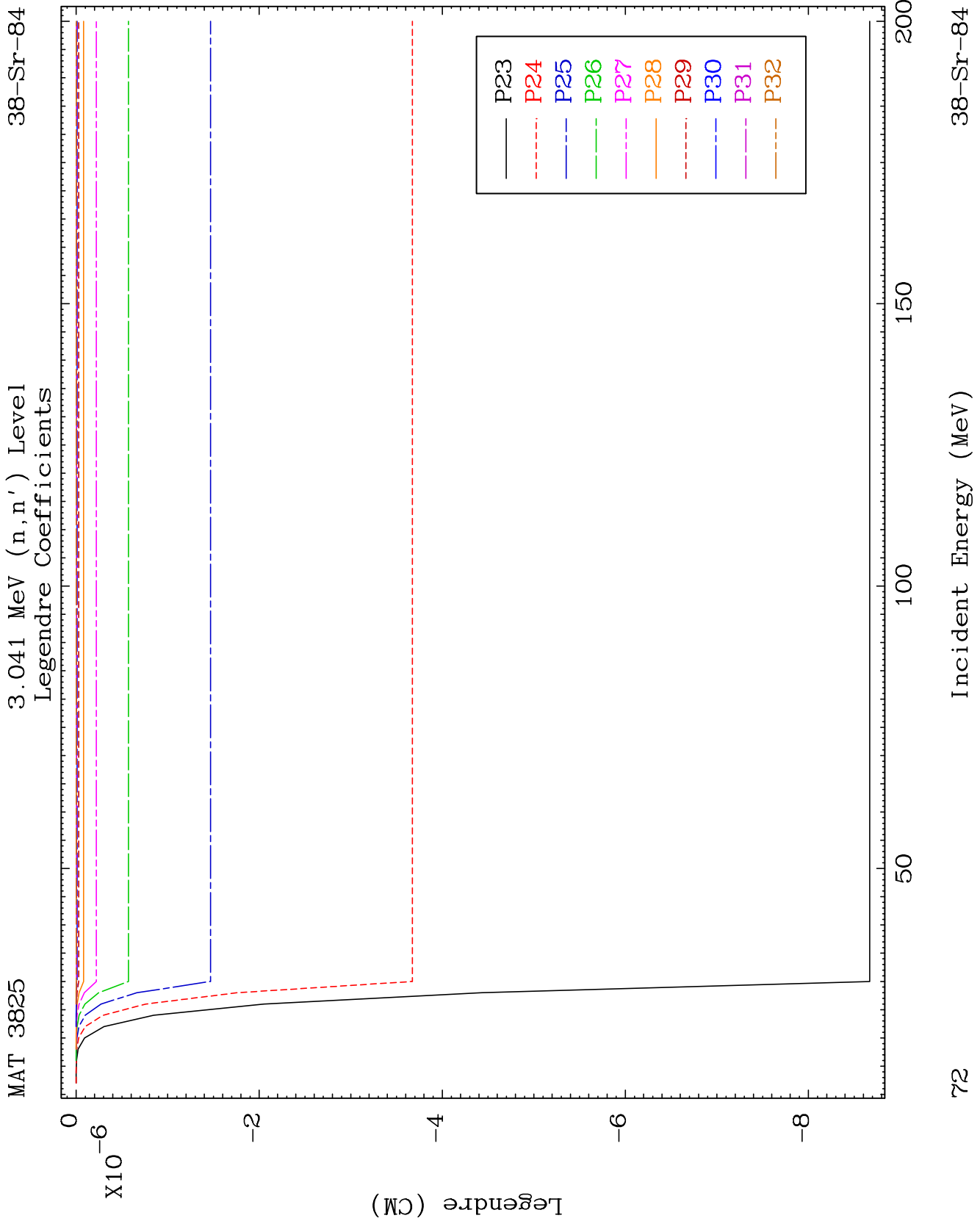
38-Sr-84



71

Incident Energy (MeV)

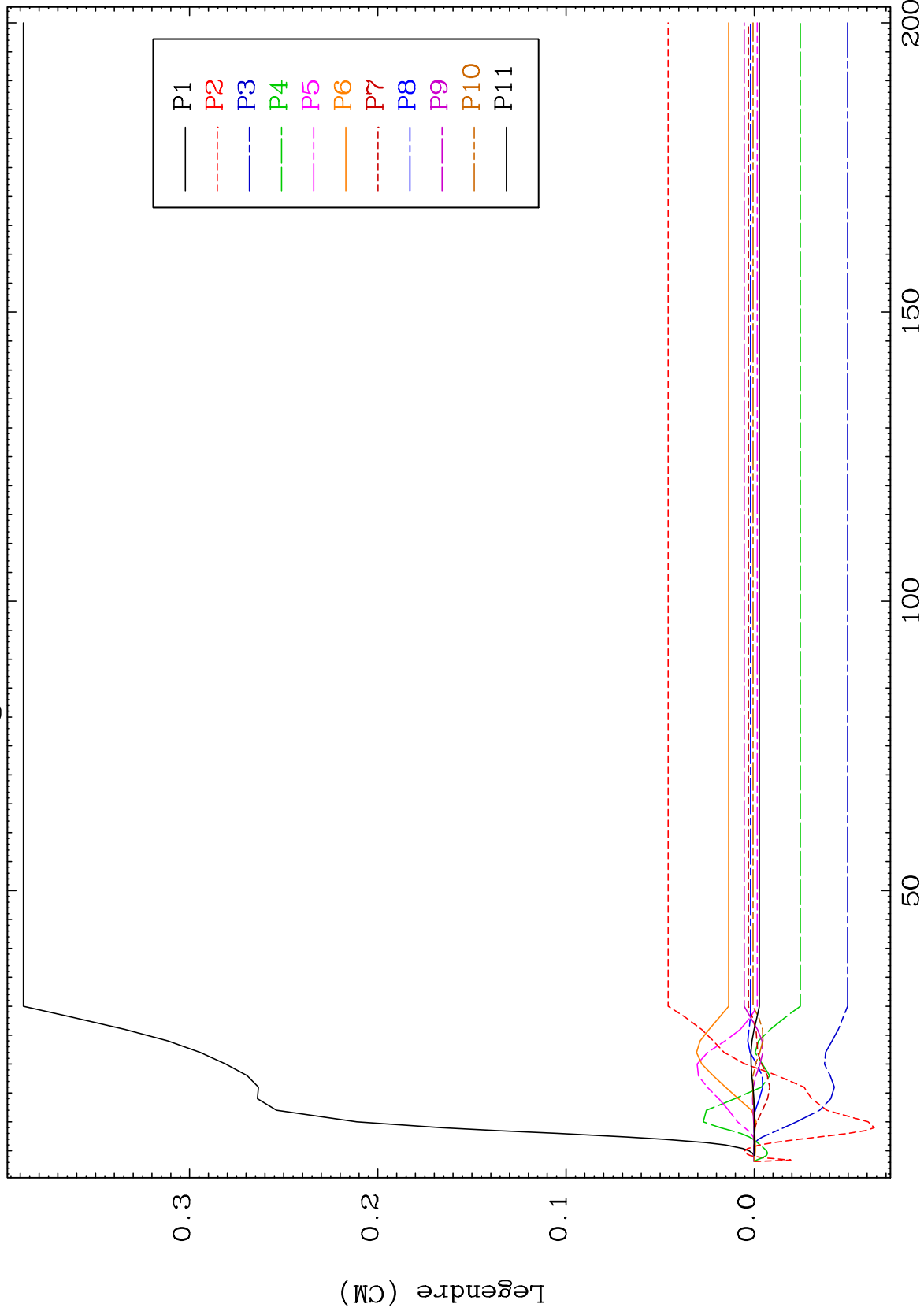
38-Sr-84



MAT 3825

3.099 MeV (n,n') Level
Legendre Coefficients

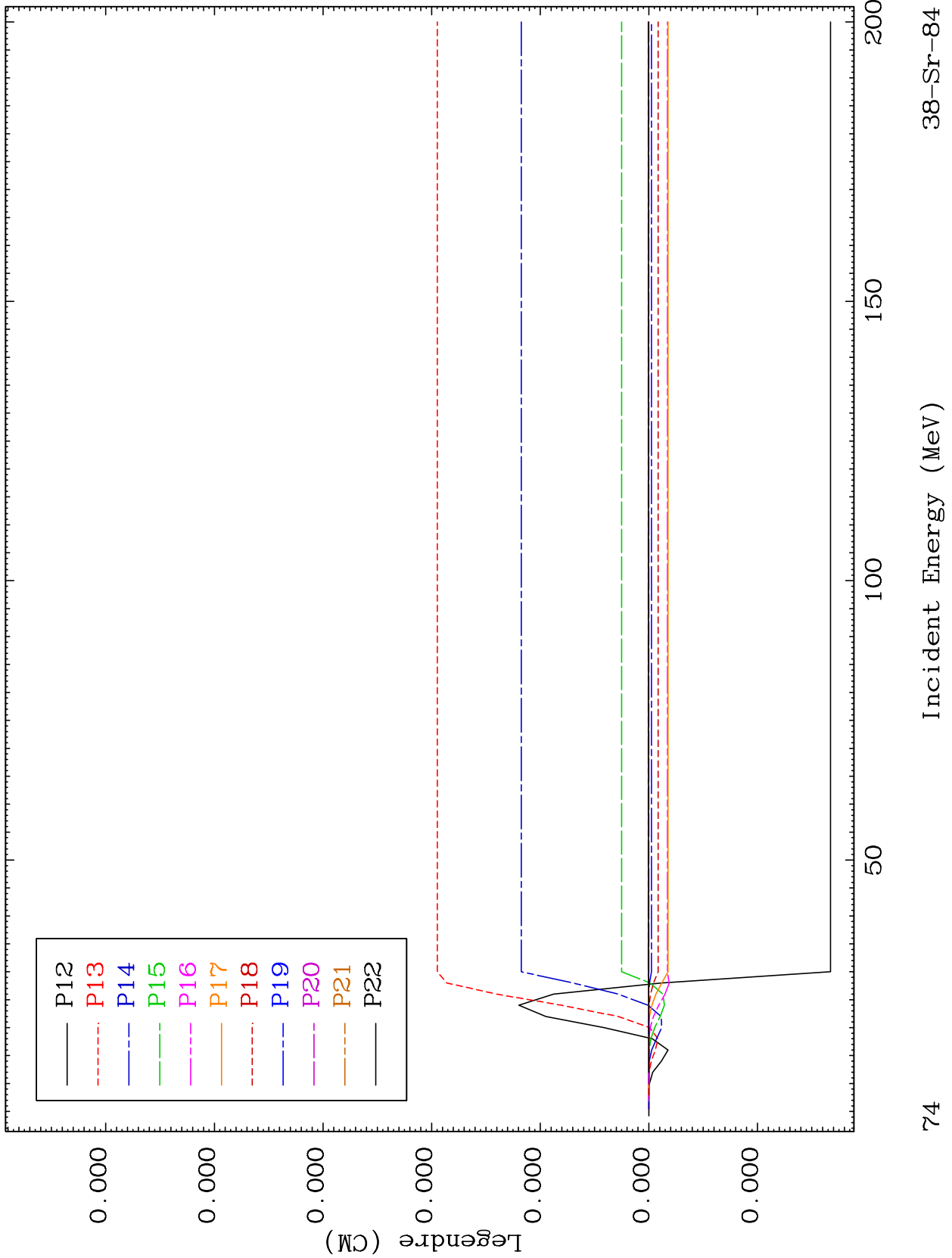
38-Sr-84



73

Incident Energy (MeV)

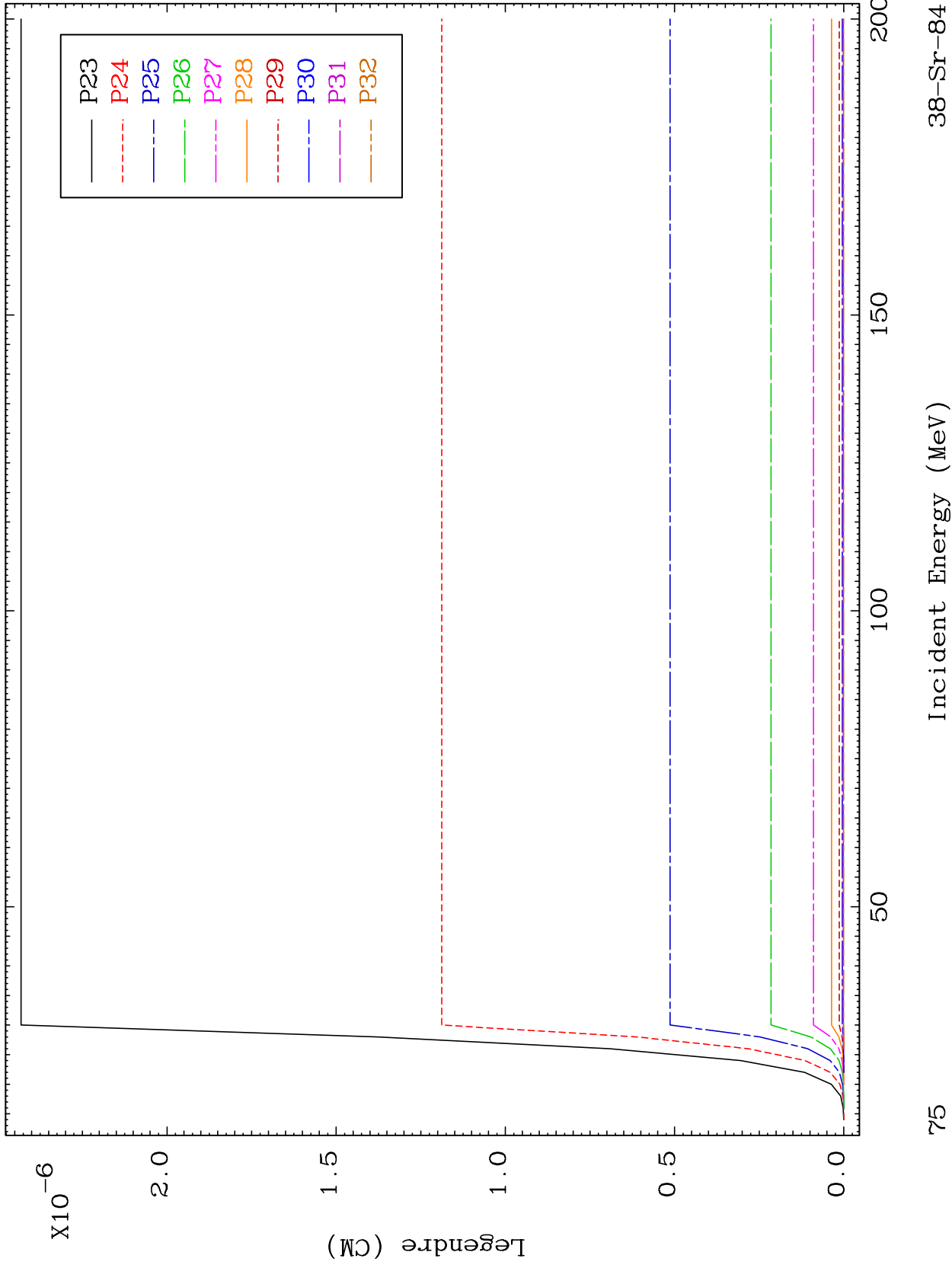
38-Sr-84



MAT 3825

3.099 MeV (n,n') Level
Legendre Coefficients

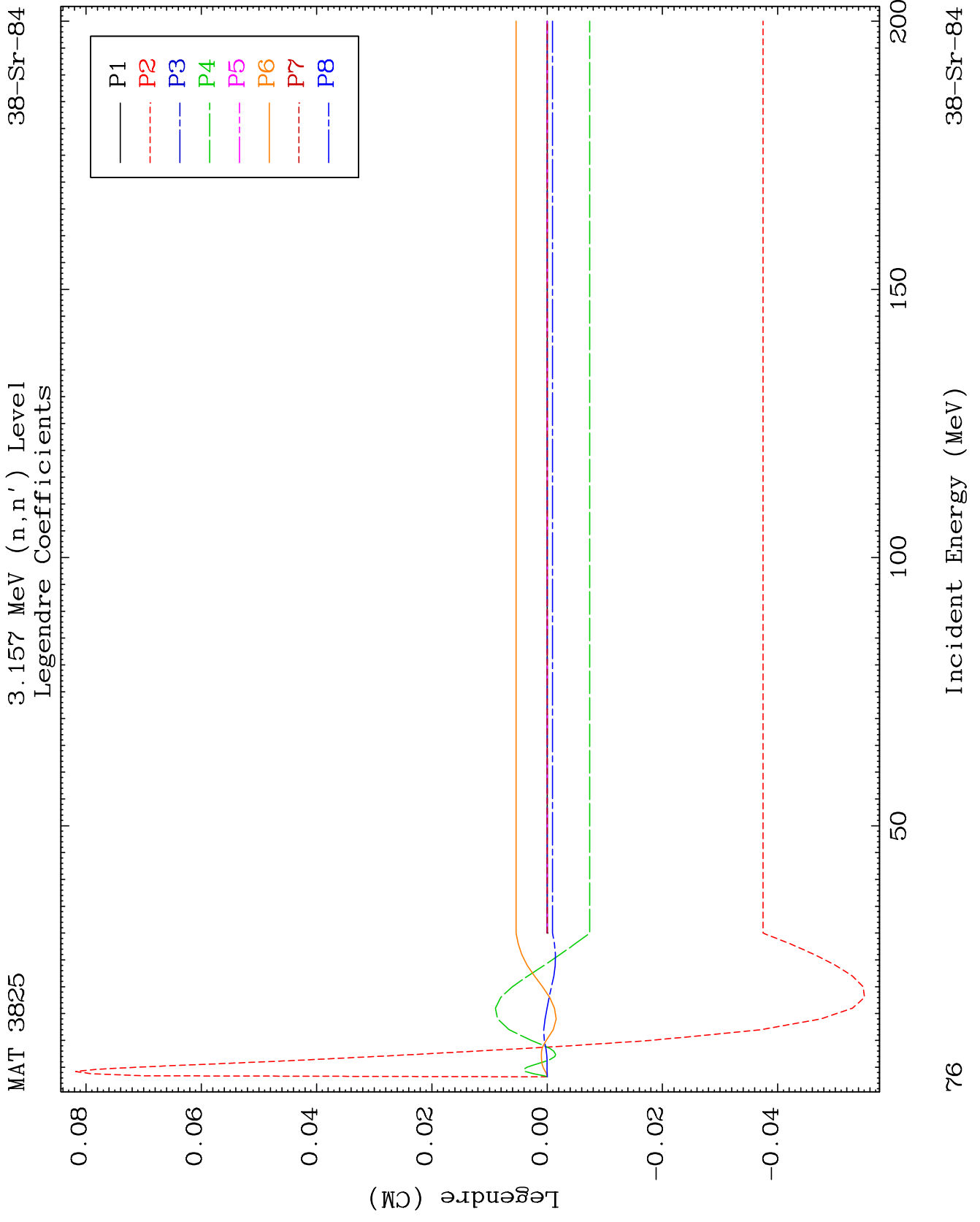
38-Sr-84



75

Incident Energy (MeV)

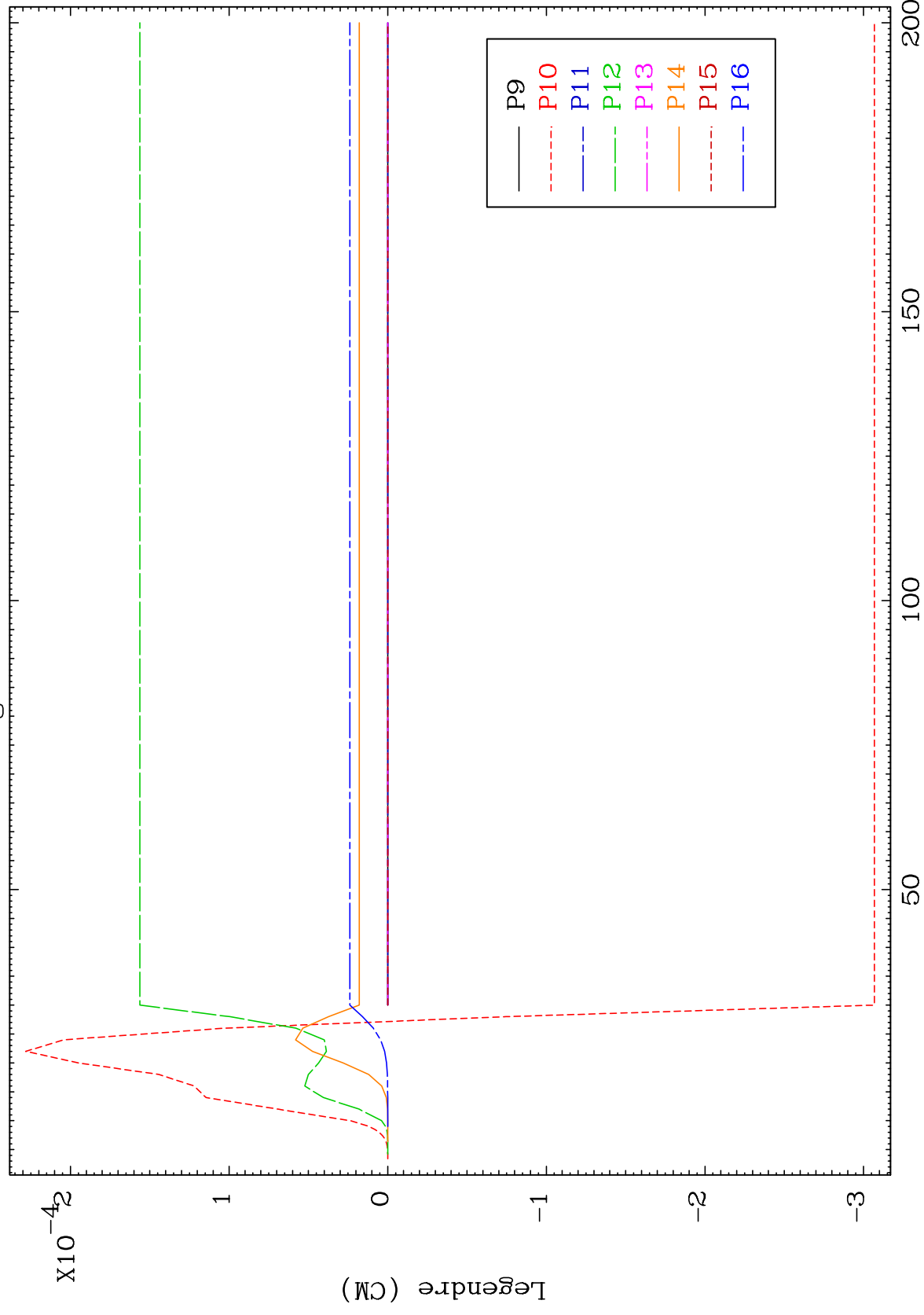
38-Sr-84



MAT 3825

3.157 MeV (n,n') Level
Legendre Coefficients

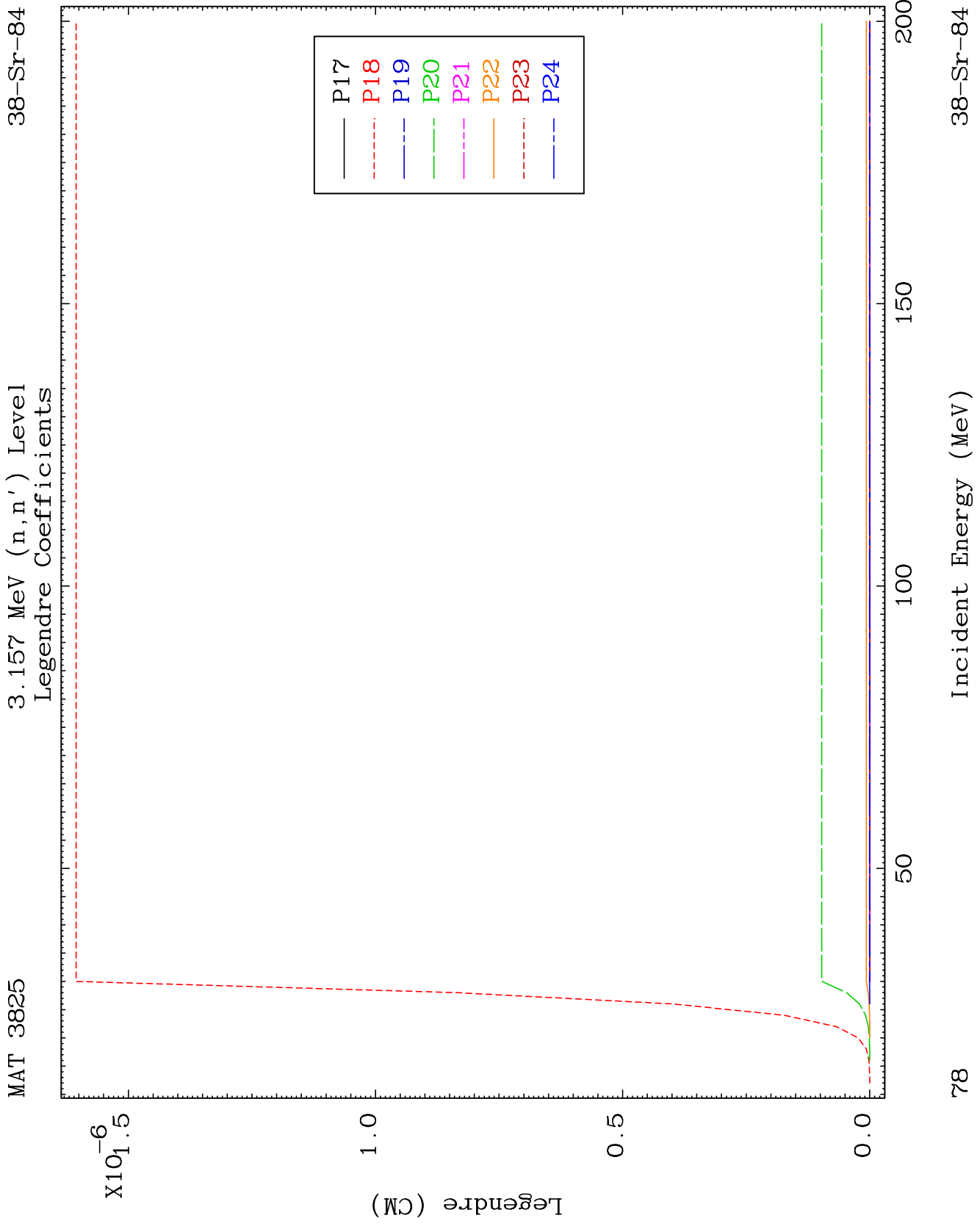
38-Sr-84



77

Incident Energy (MeV)

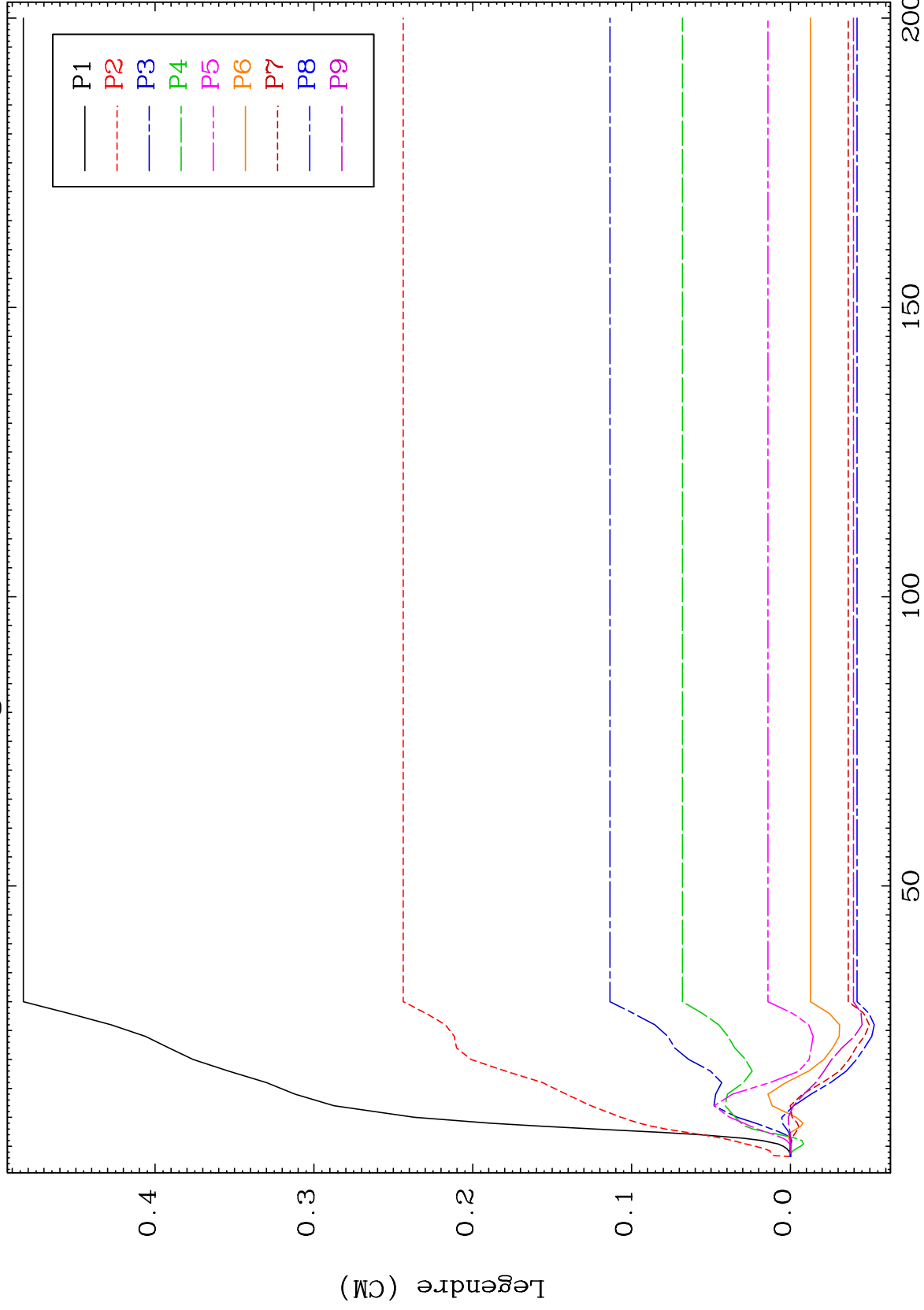
38-Sr-84



MAT 3825

3.175 MeV (n,n') Level
Legendre Coefficients

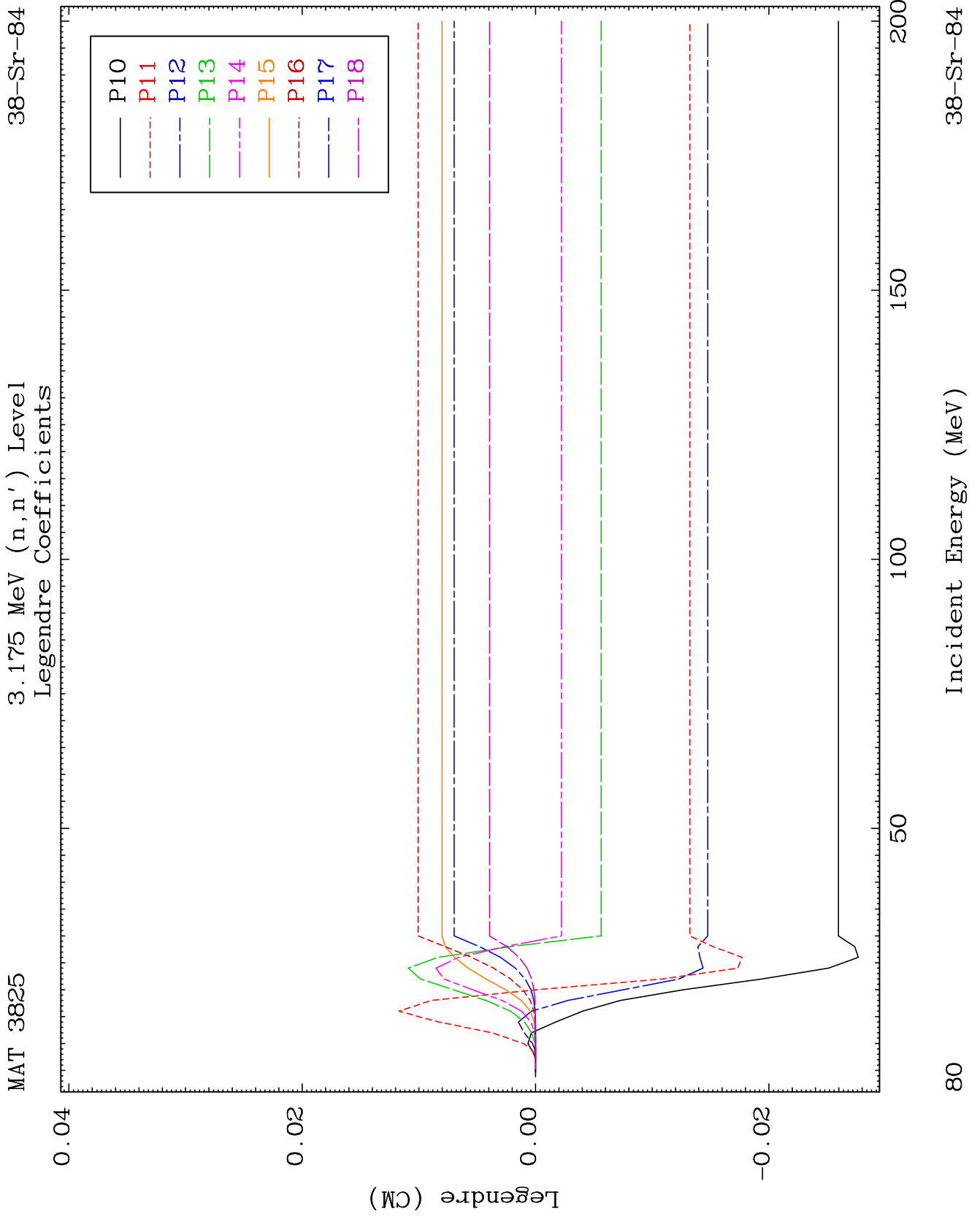
38-Sr-84



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Incident Energy (MeV)

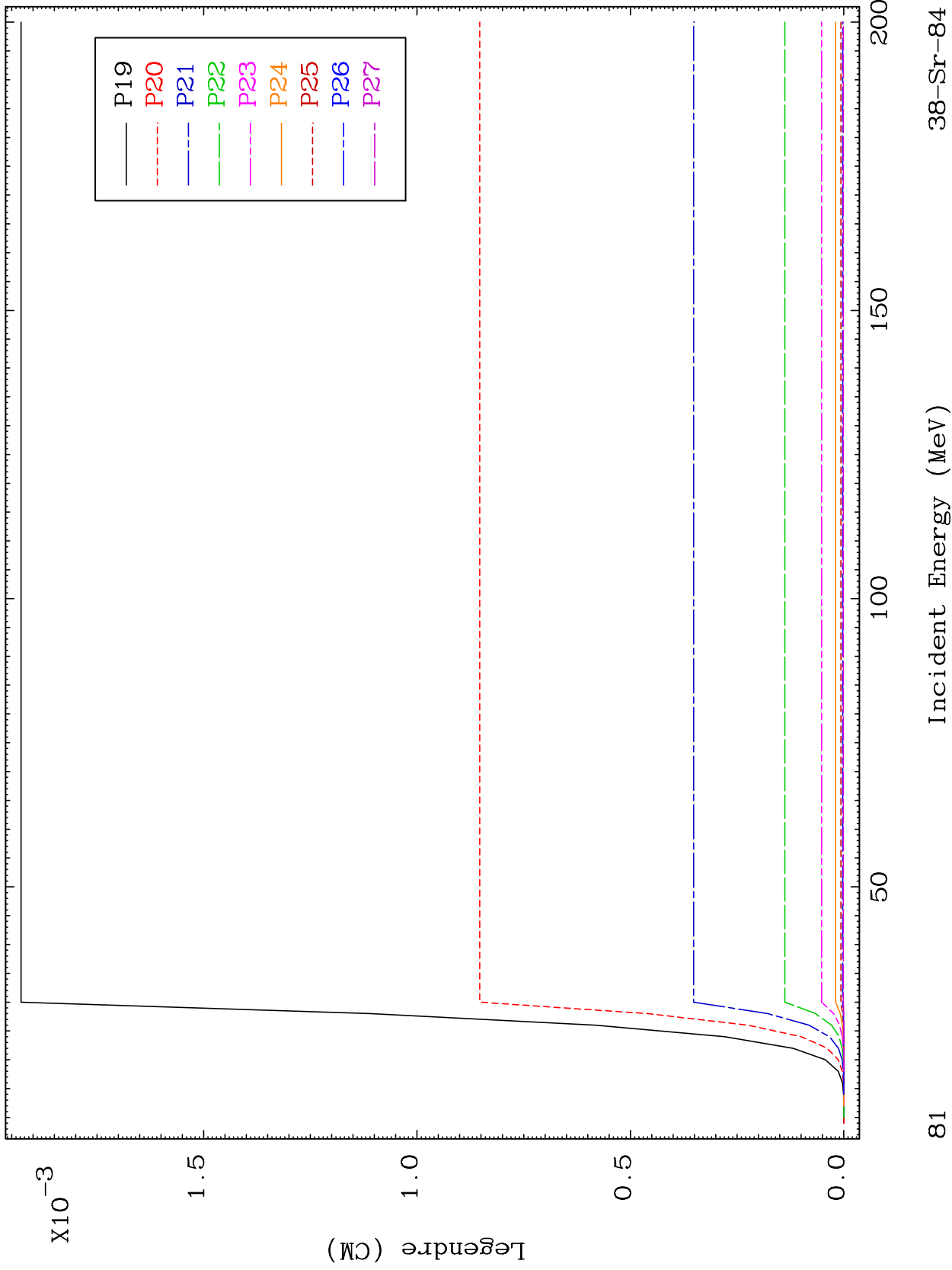
38-Sr-84



MAT 3825

3.175 MeV (n,n') Level
Legendre Coefficients

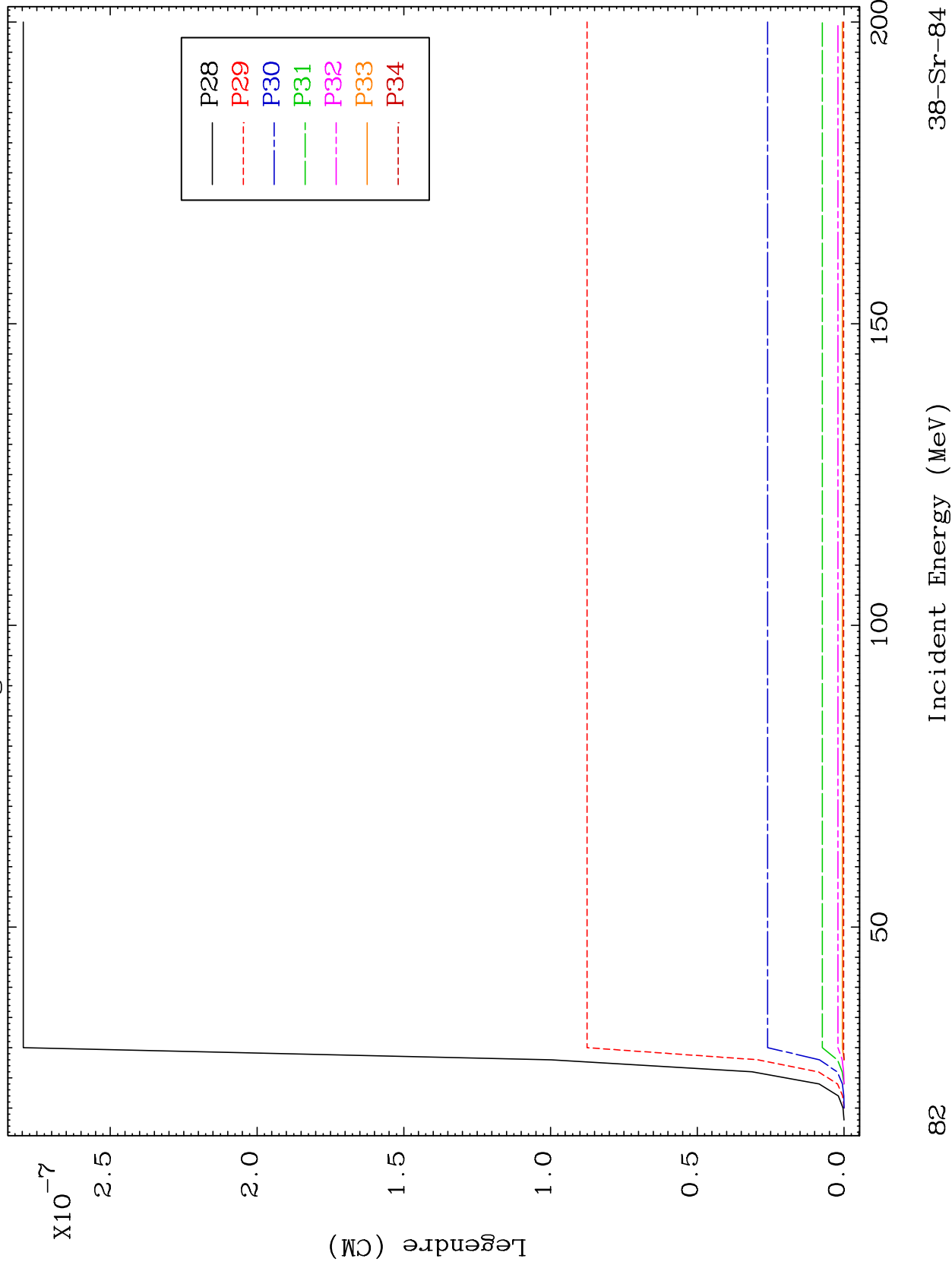
38-Sr-84



MAT 3825

3.175 MeV (n,n') Level
Legendre Coefficients

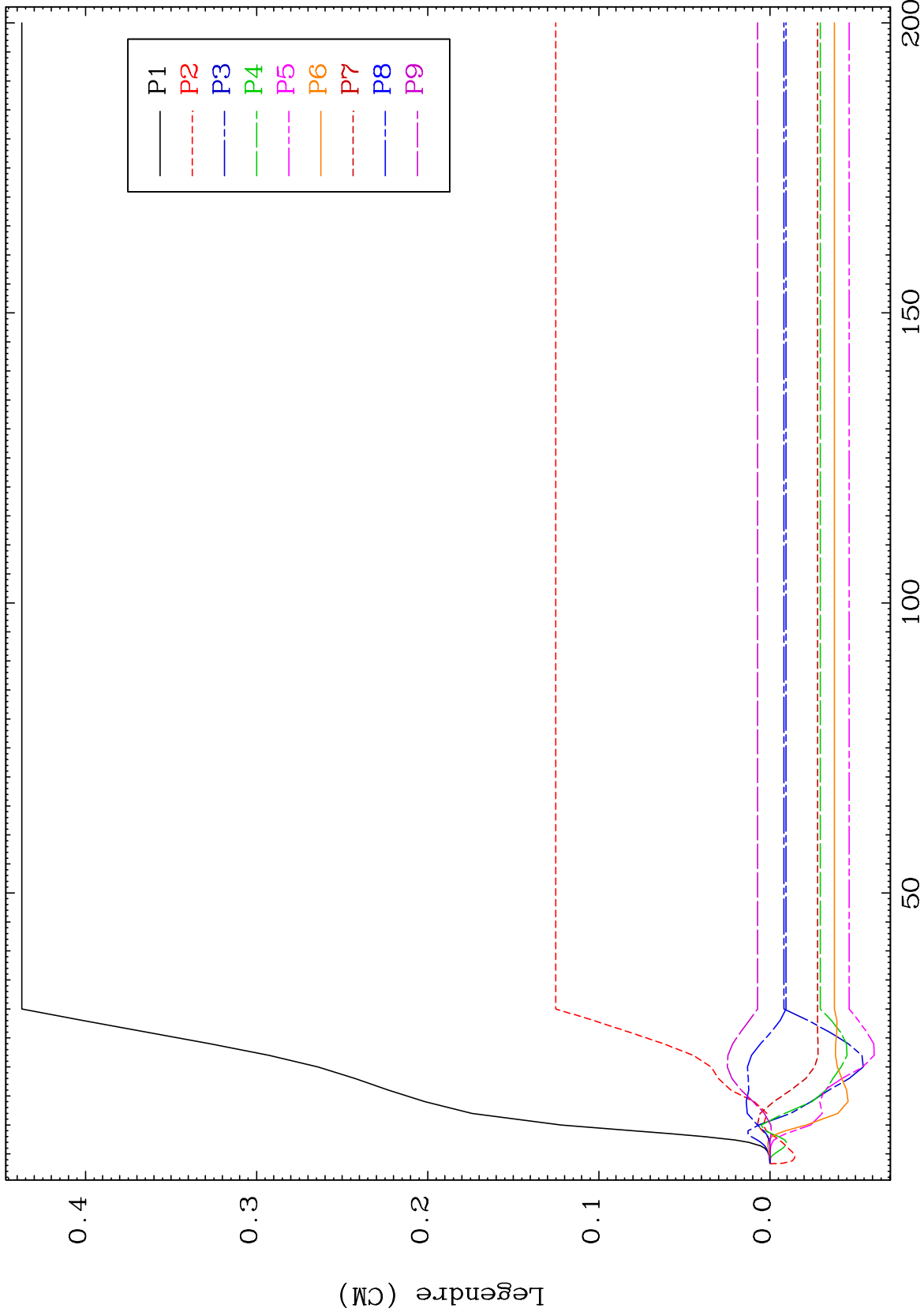
38-Sr-84

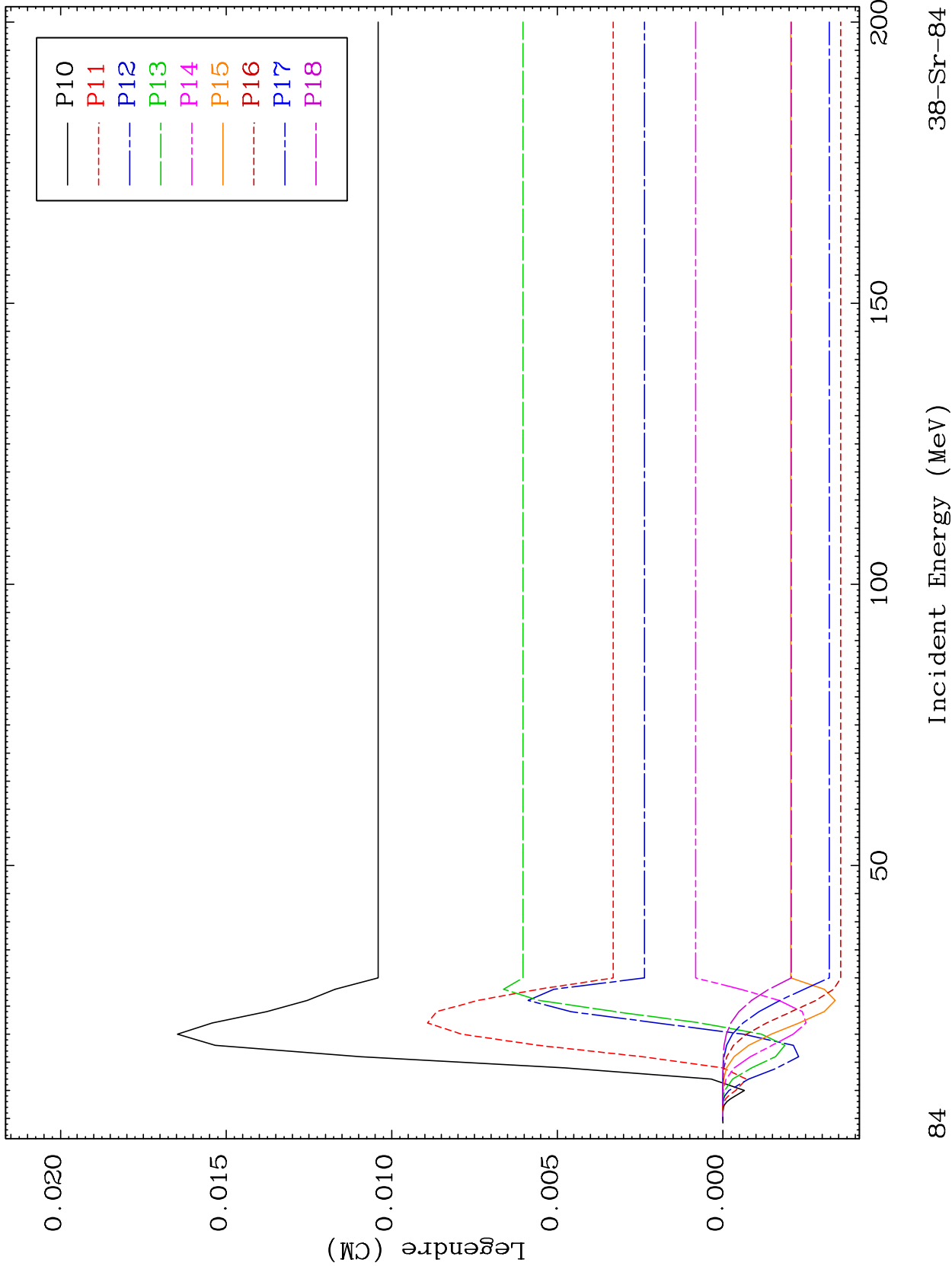


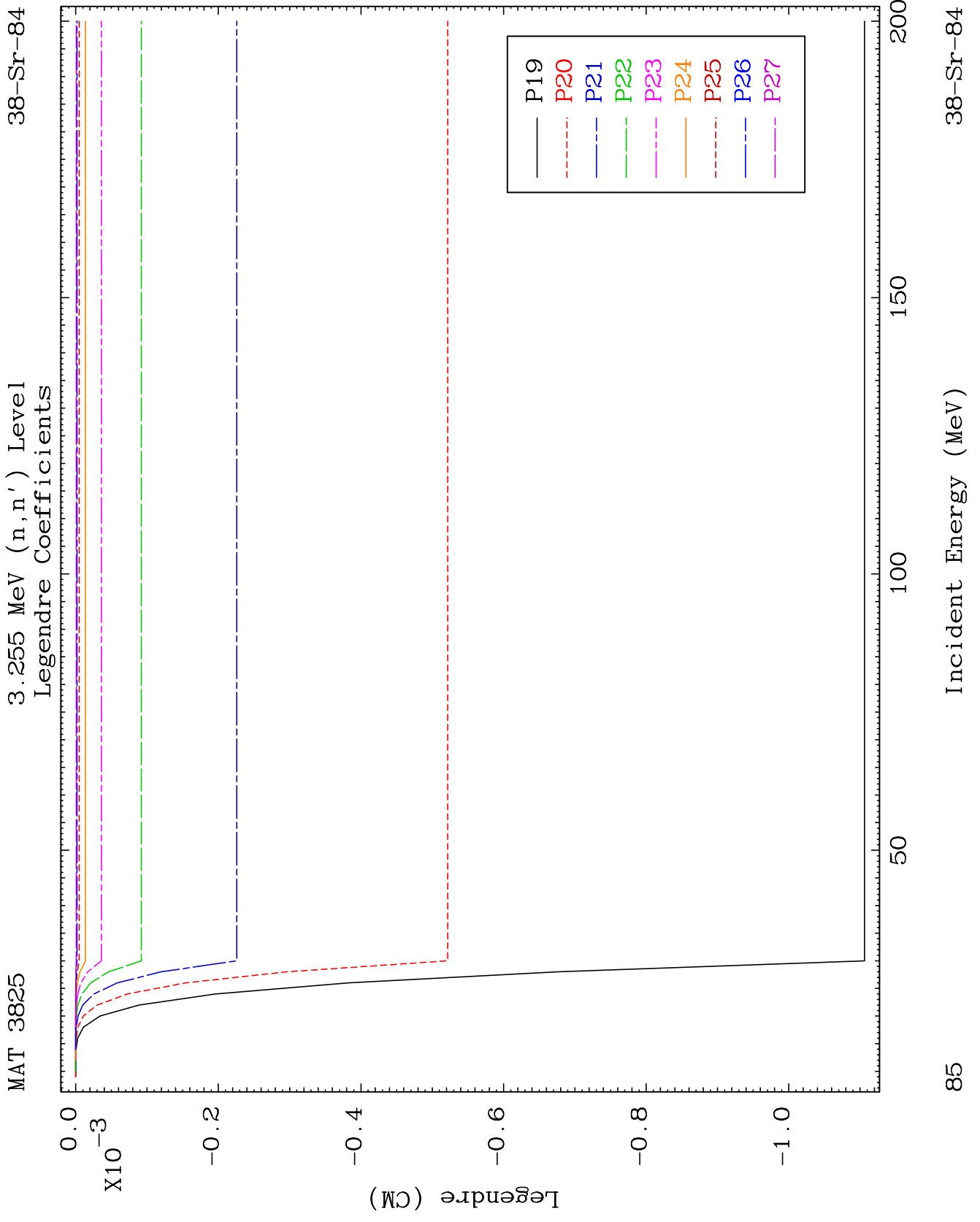
82

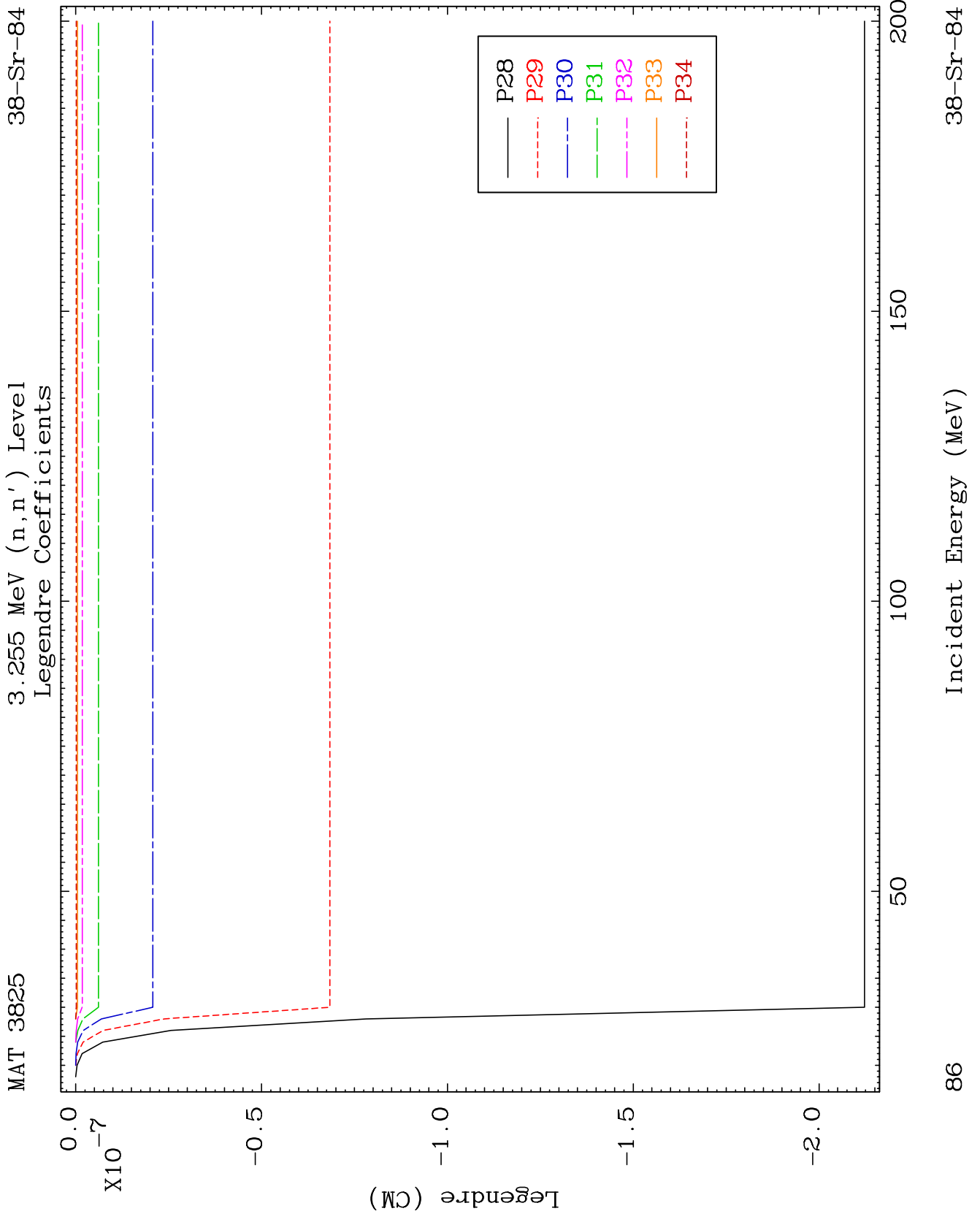
Incident Energy (MeV)

38-Sr-84





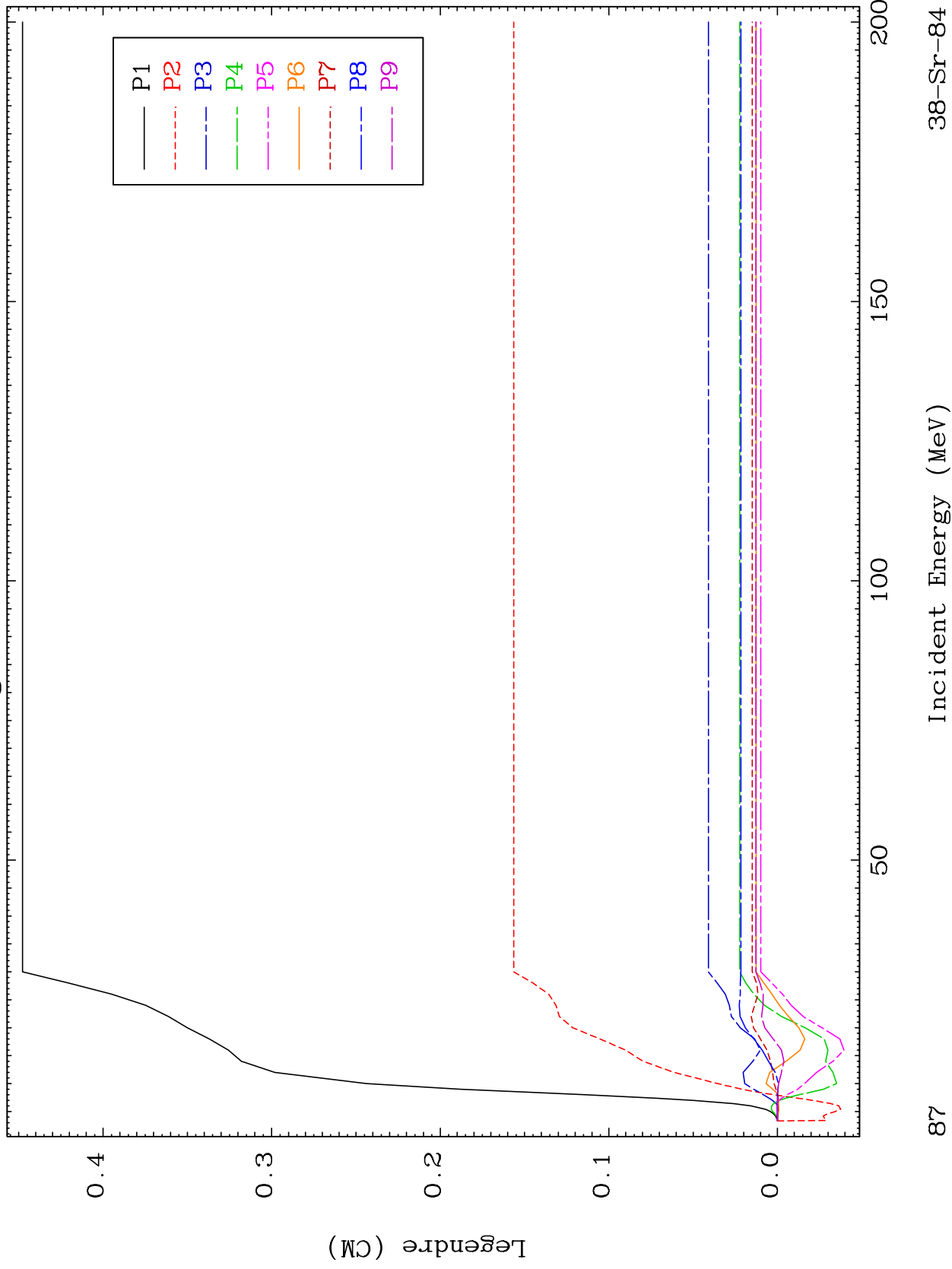




MAT 3825

3.271 MeV (n,n') Level
Legendre Coefficients

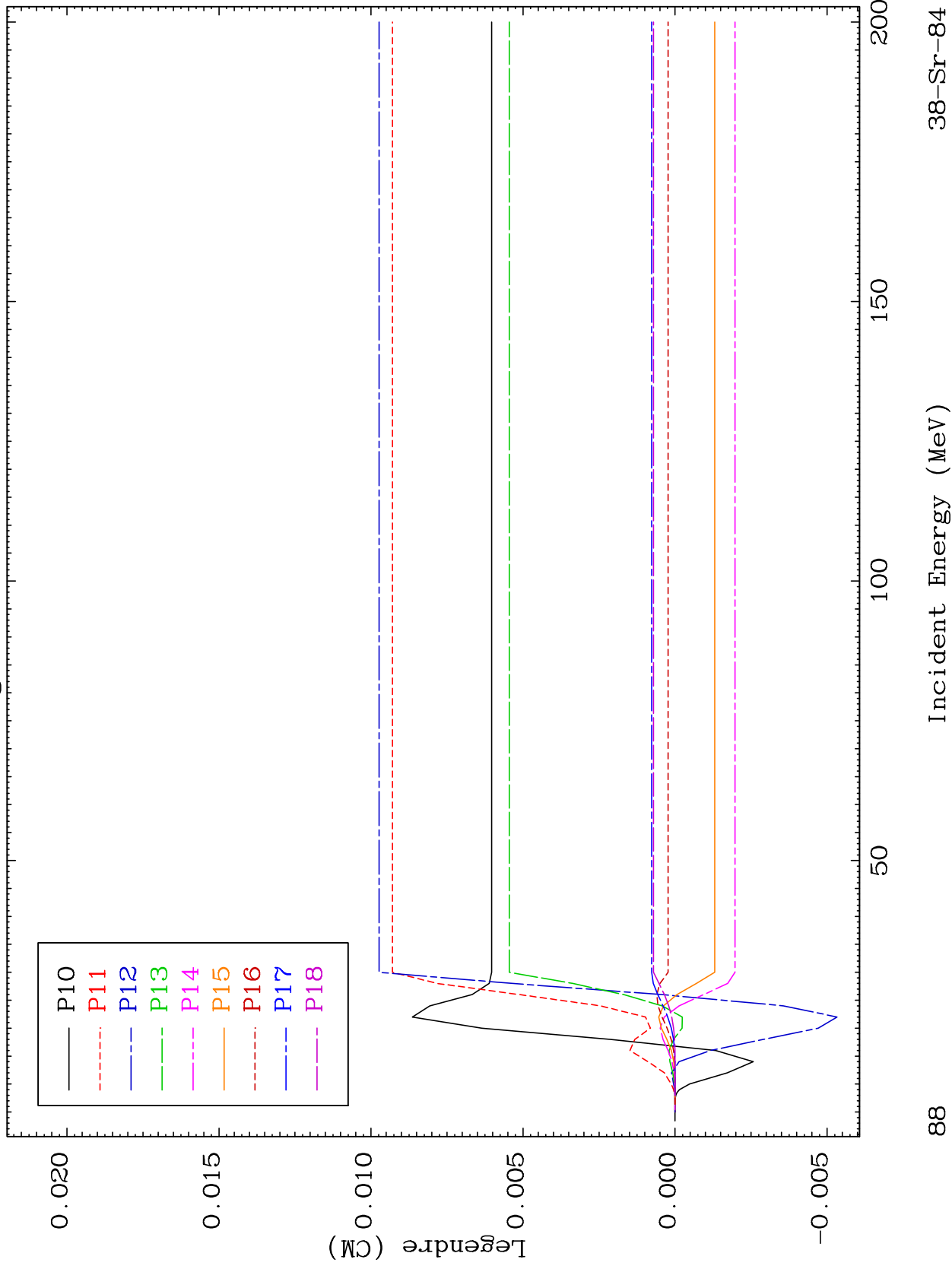
³⁸Sr-84



87

Incident Energy (MeV)

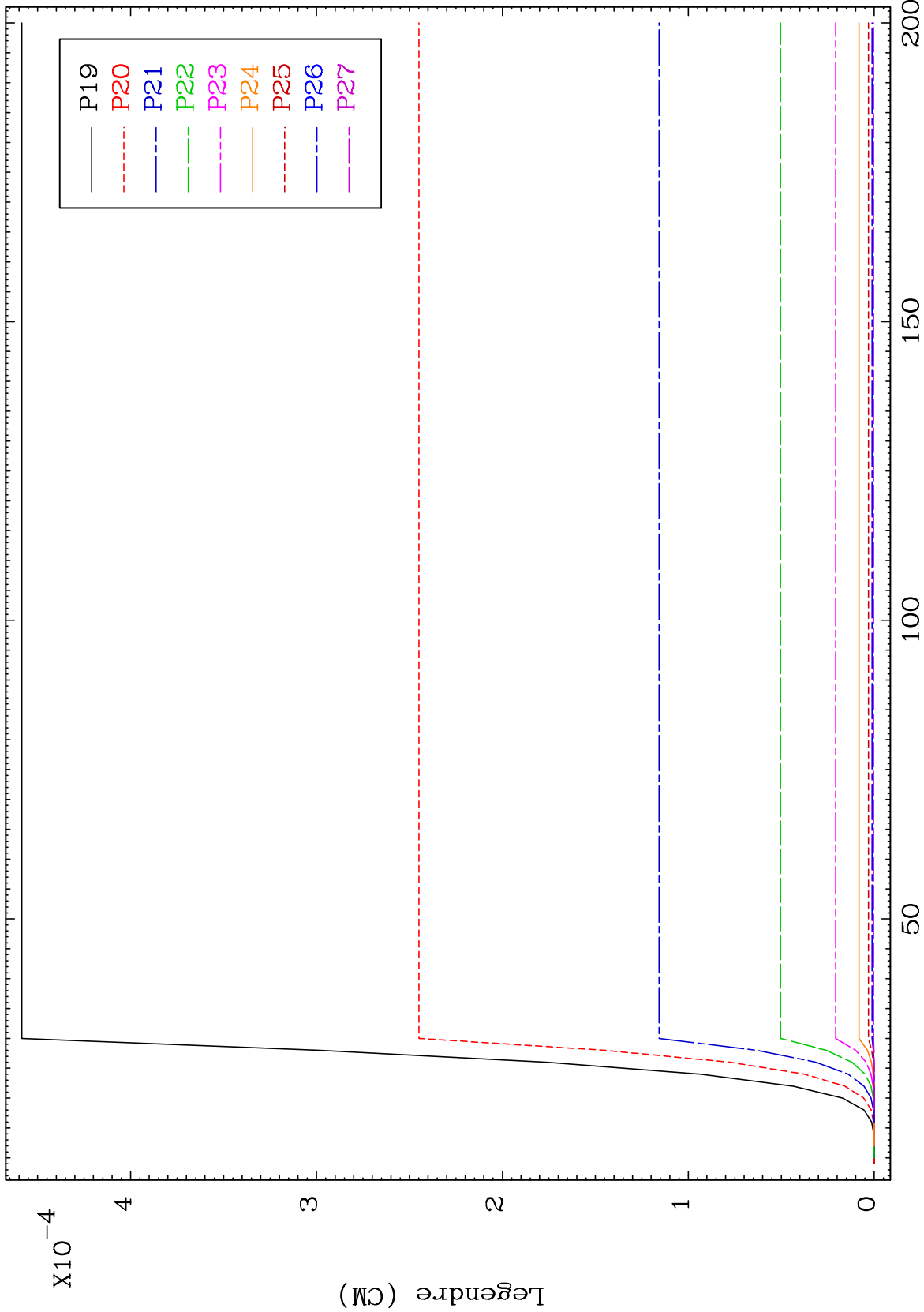
³⁸Sr-84



MAT 3825

3.271 MeV (n,n') Level
Legendre Coefficients

38-Sr-84



89

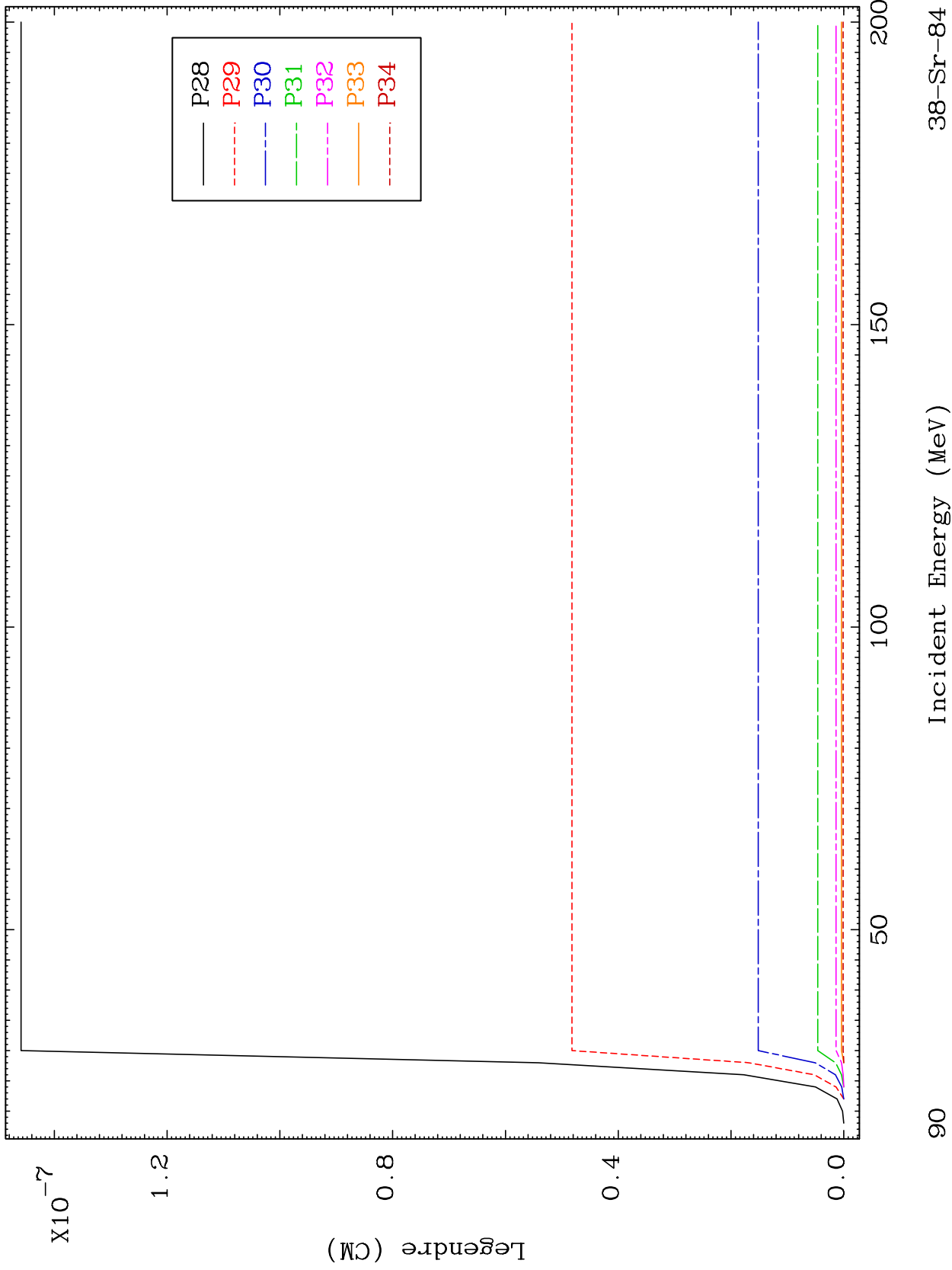
Incident Energy (MeV)

38-Sr-84

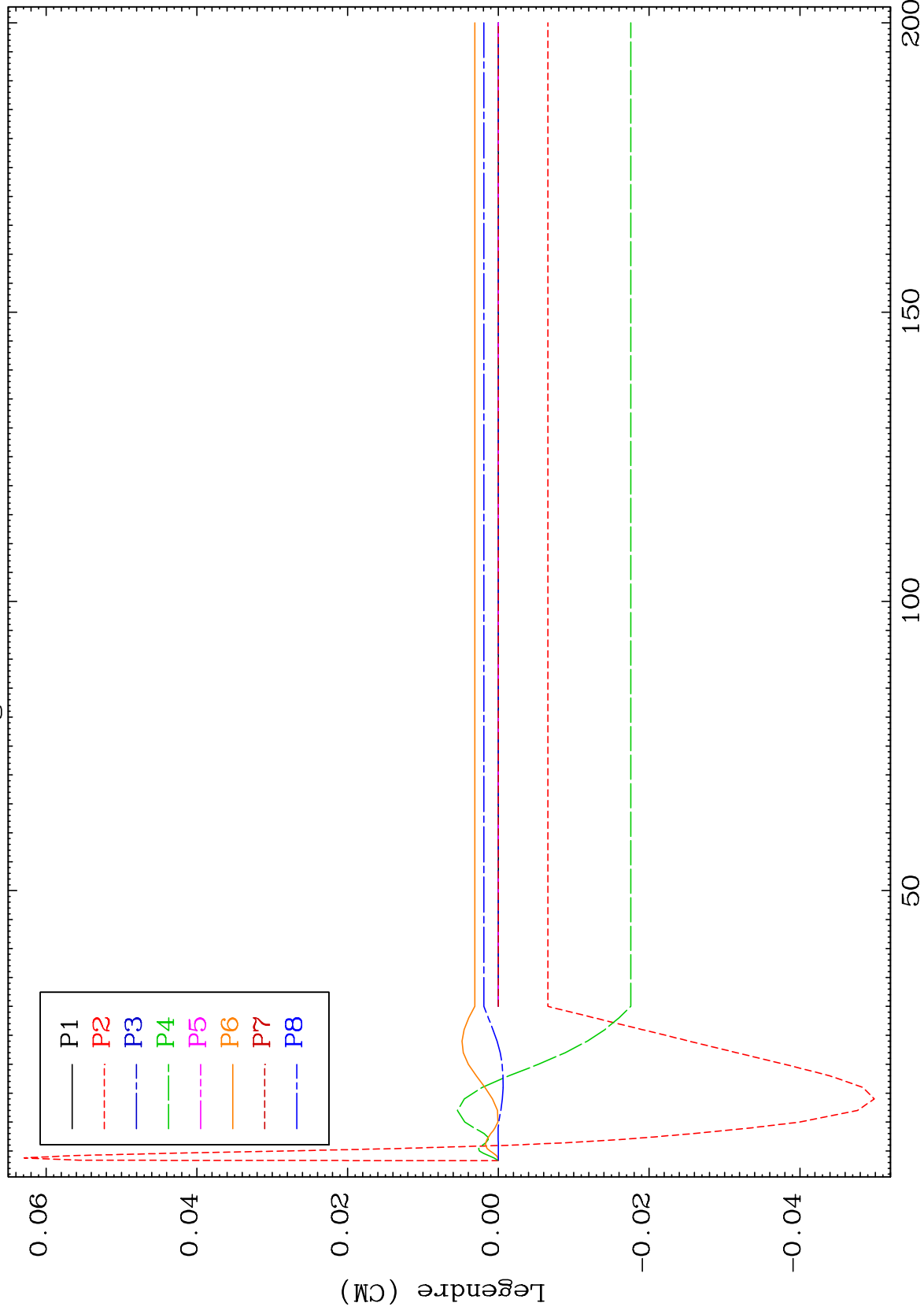
MAT 3825

3.271 MeV (n,n') Level
Legendre Coefficients

38-Sr-84



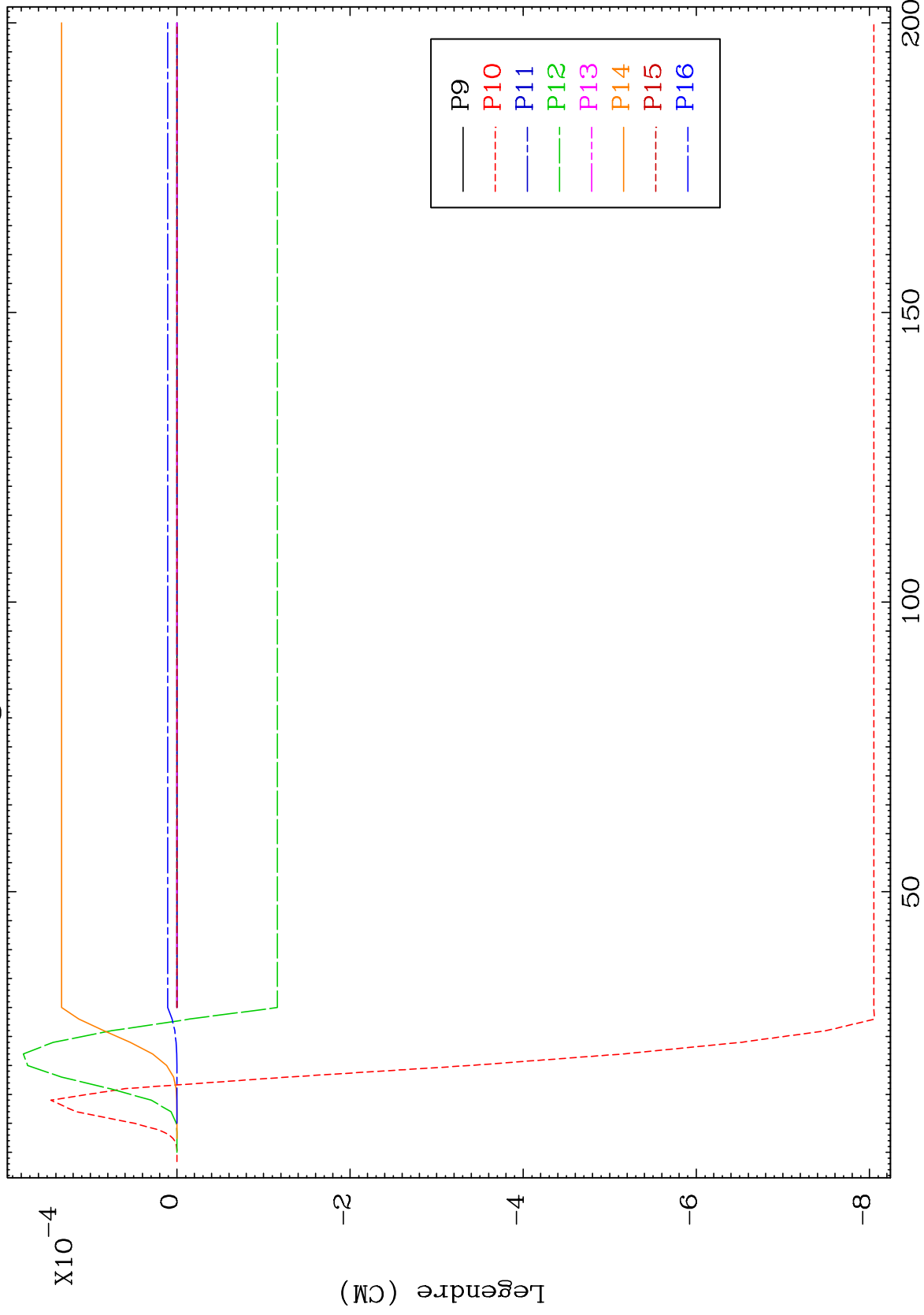
38-Sr-84



MAT 3825

3.279 MeV (n,n') Level
Legendre Coefficients

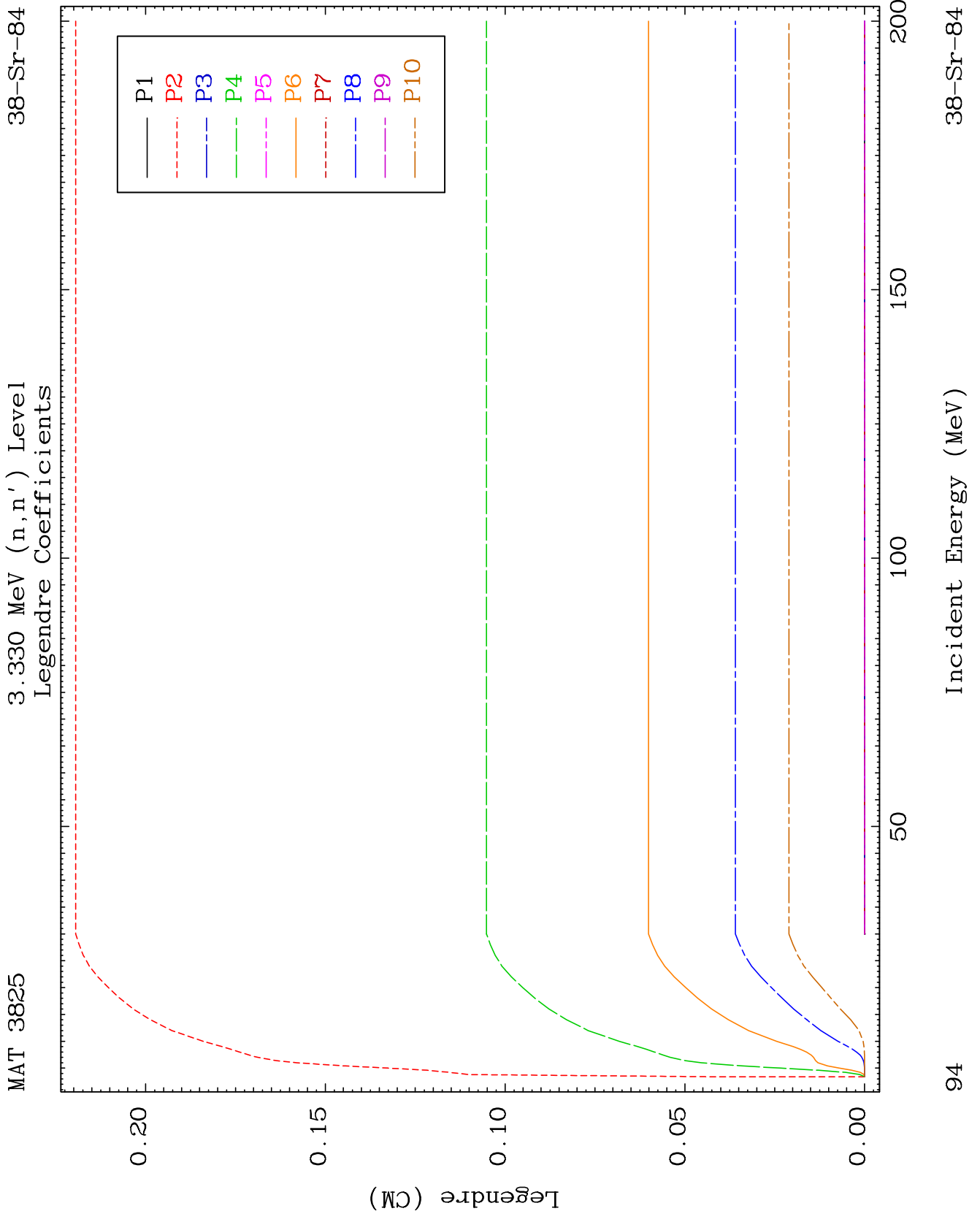
38-Sr-84

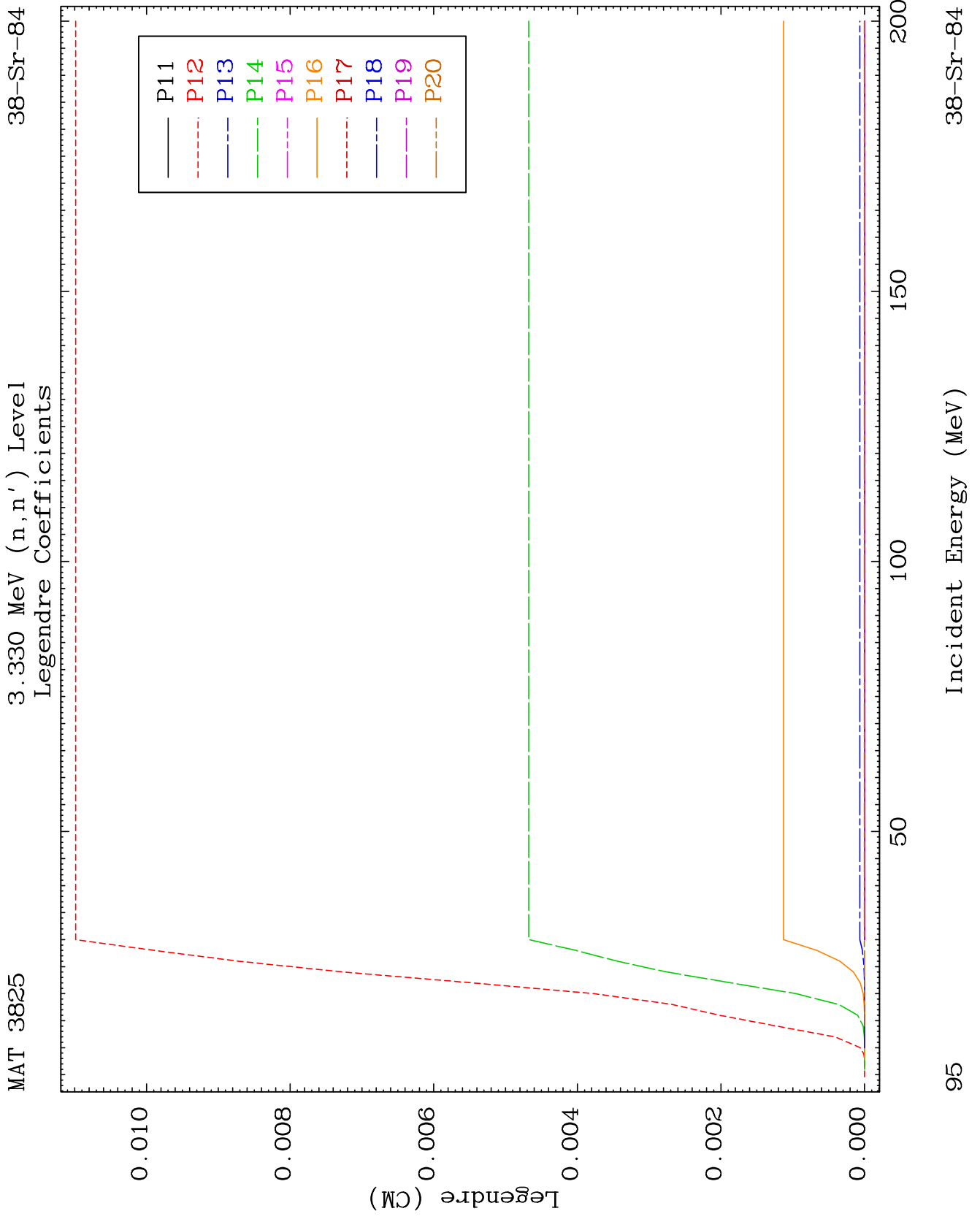


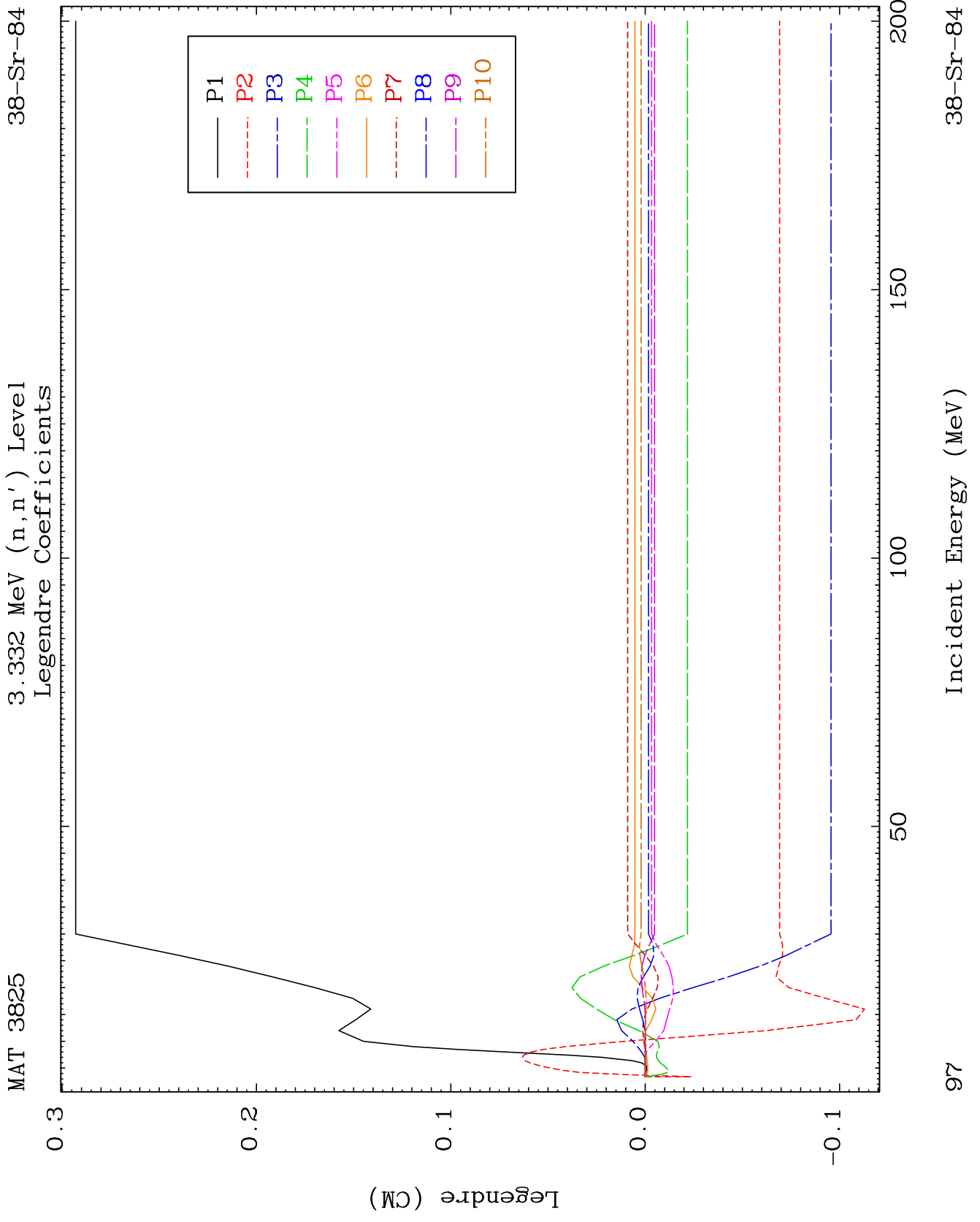
92

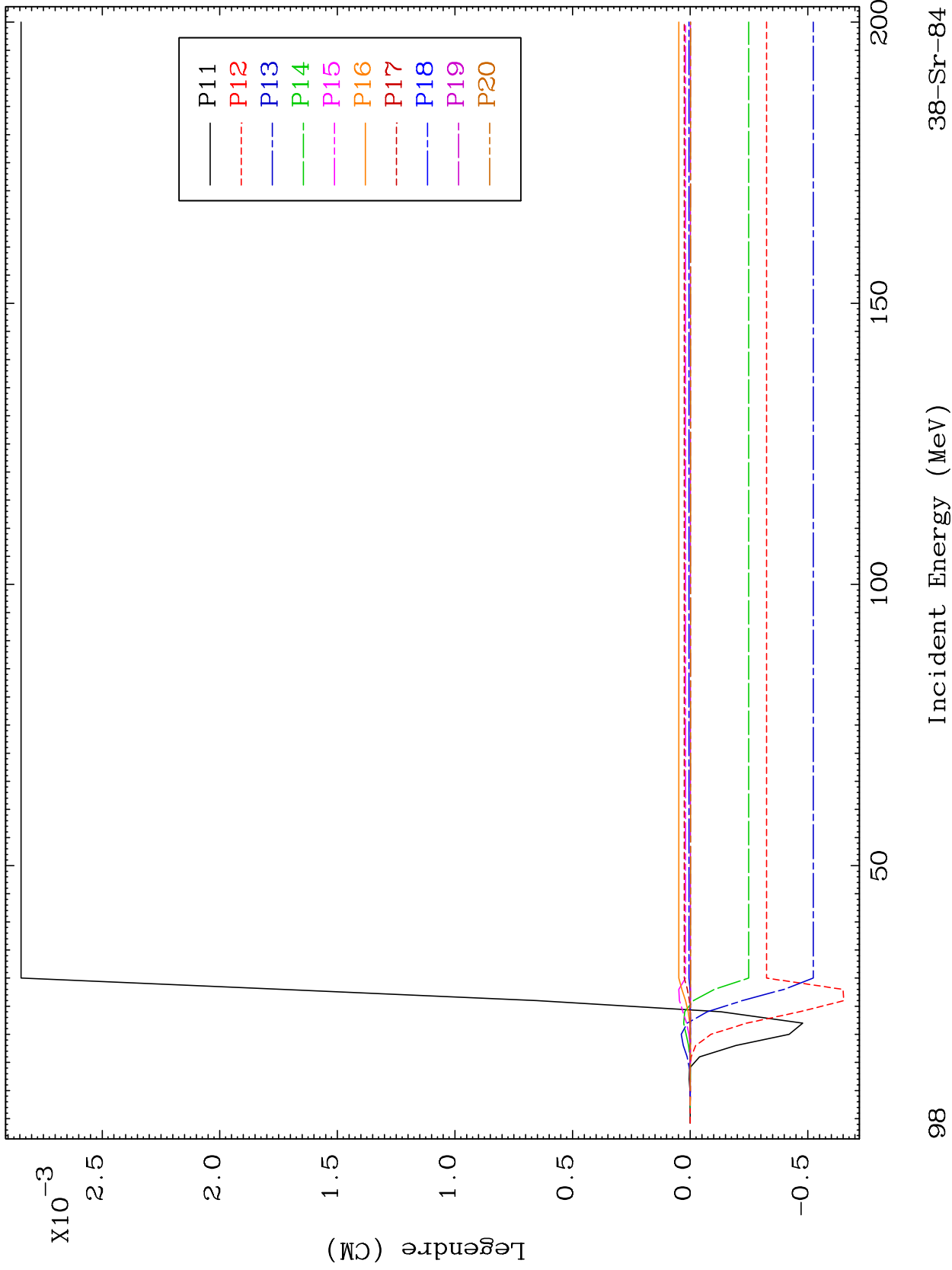
Incident Energy (MeV)

38-Sr-84





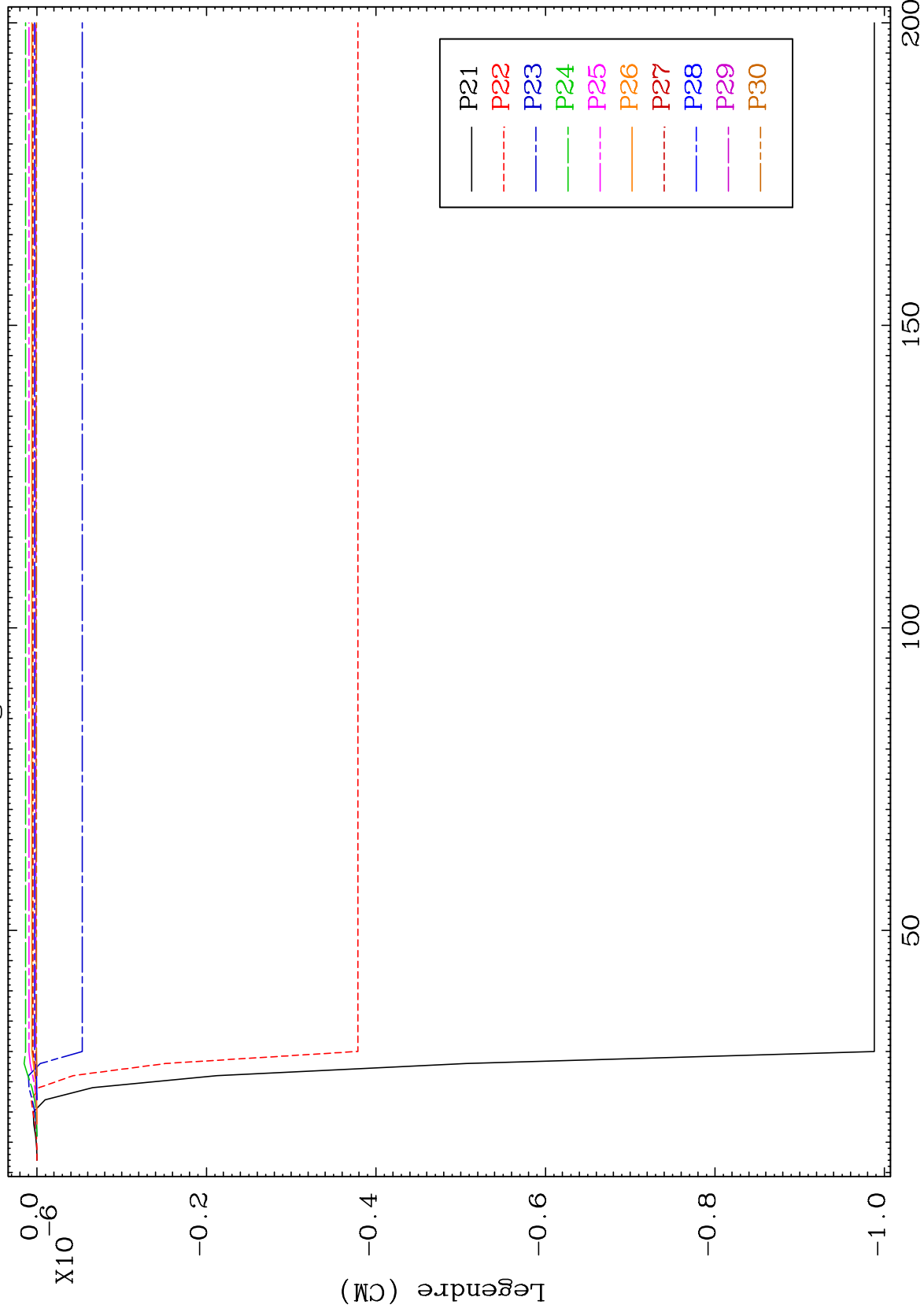




MAT 3825

3.332 MeV (n,n') Level
Legendre Coefficients

38-Sr-84



99

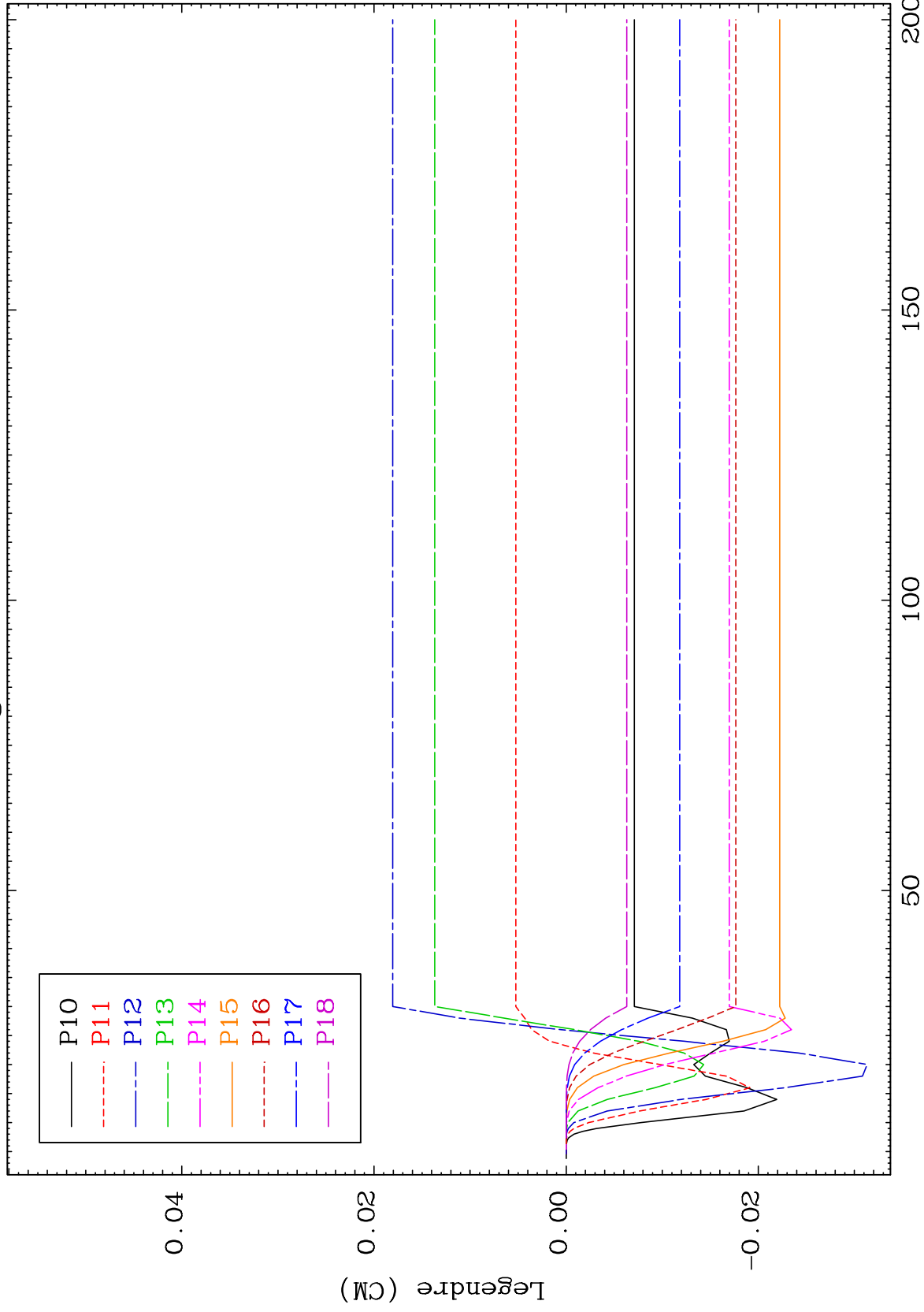
Incident Energy (MeV)

38-Sr-84

MAT 3825

3.455 MeV (n,n') Level
Legendre Coefficients

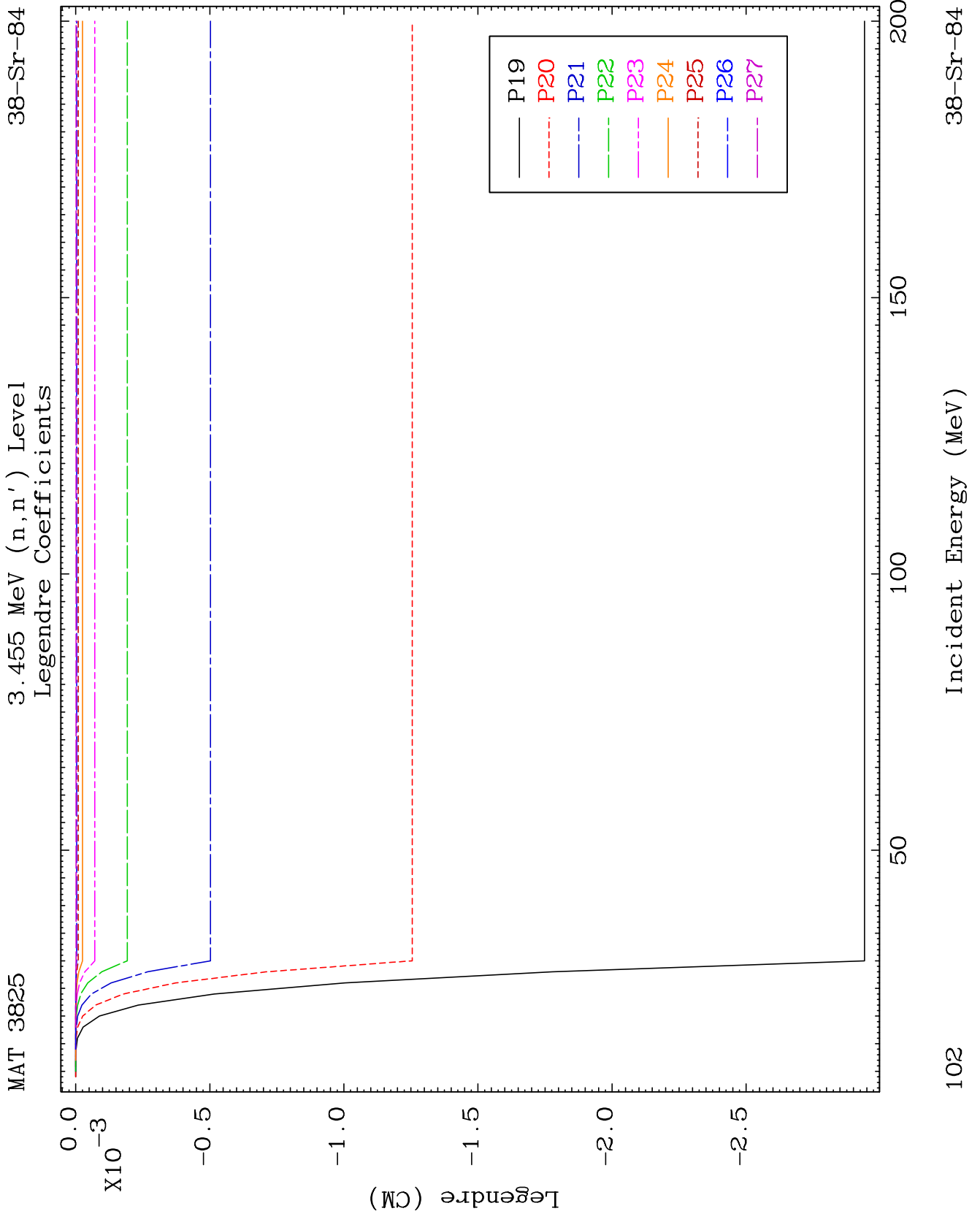
38-Sr-84

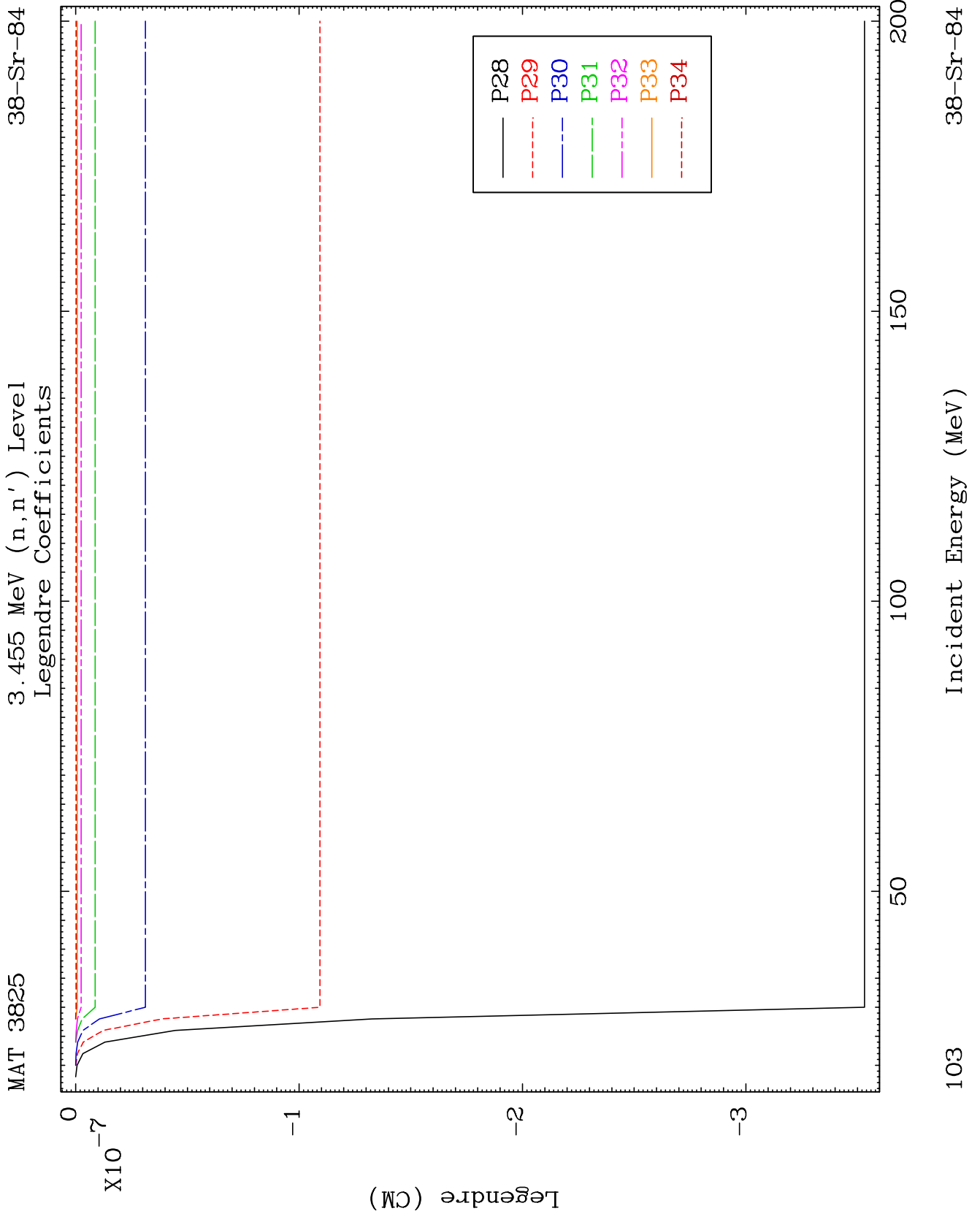


101

Incident Energy (MeV)

38-Sr-84

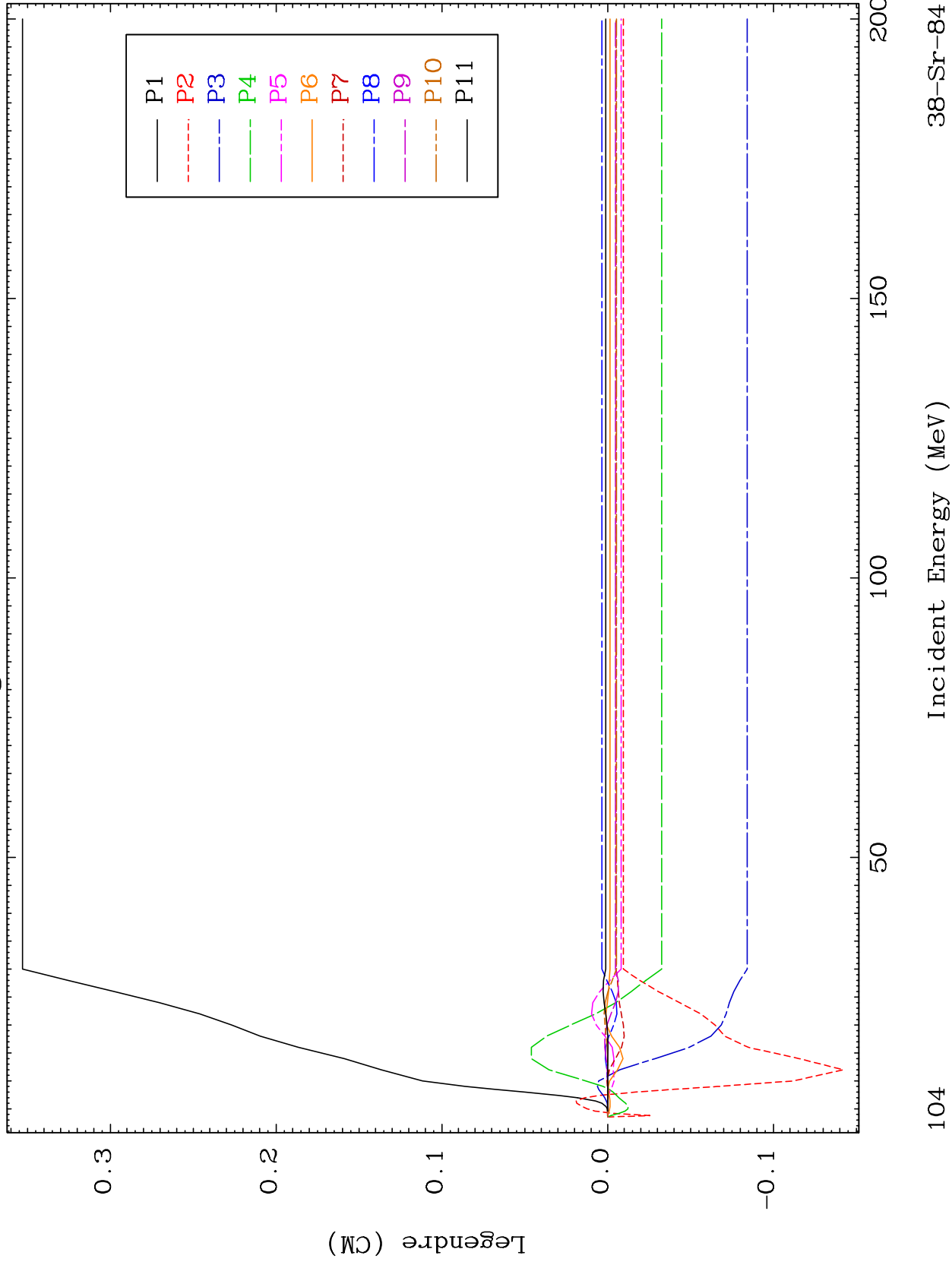




MAT 3825

3.488 MeV (n,n') Level
Legendre Coefficients

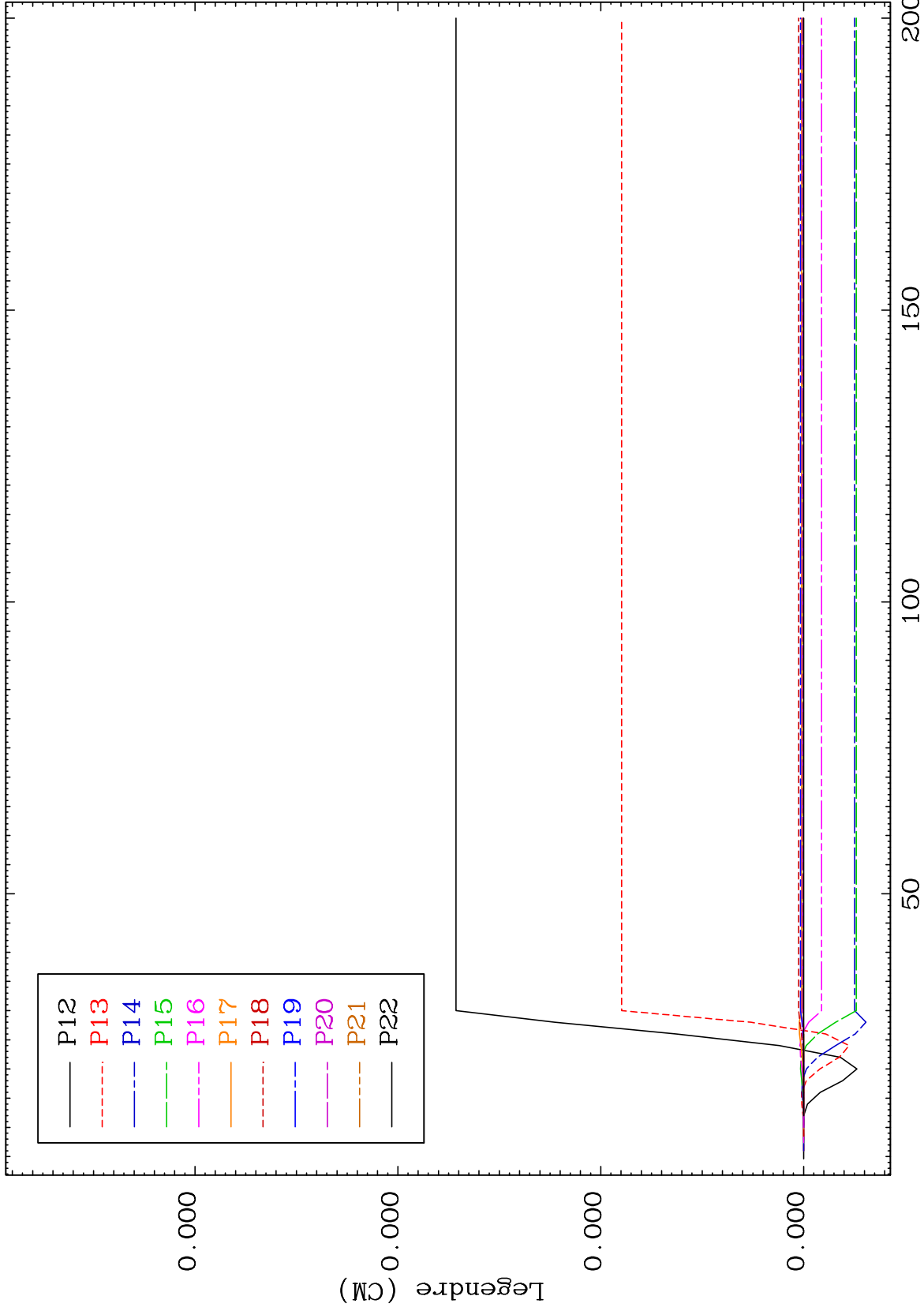
38-Sr-84



104

Incident Energy (MeV)

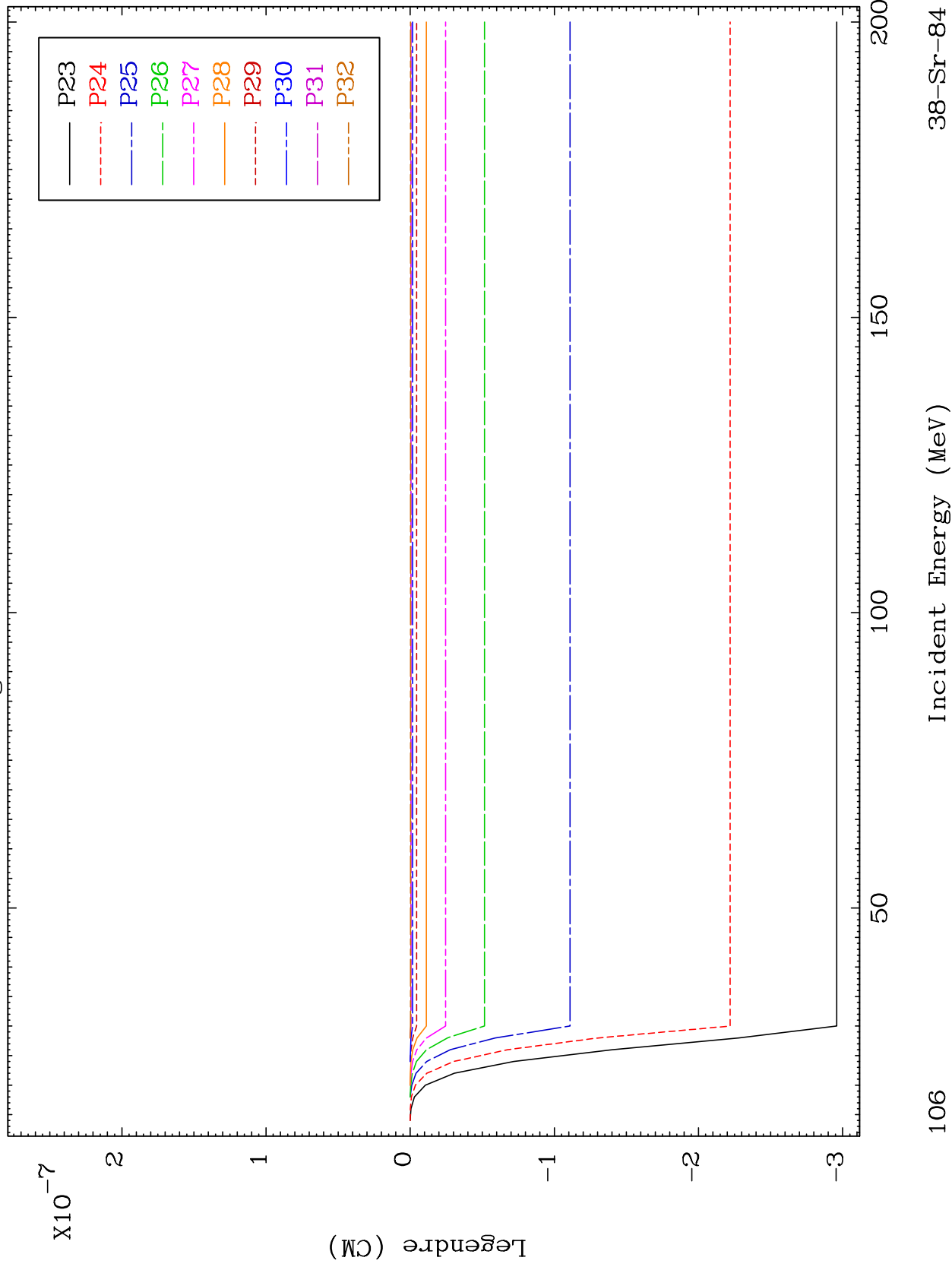
38-Sr-84



MAT 3825

3.488 MeV (n,n') Level
Legendre Coefficients

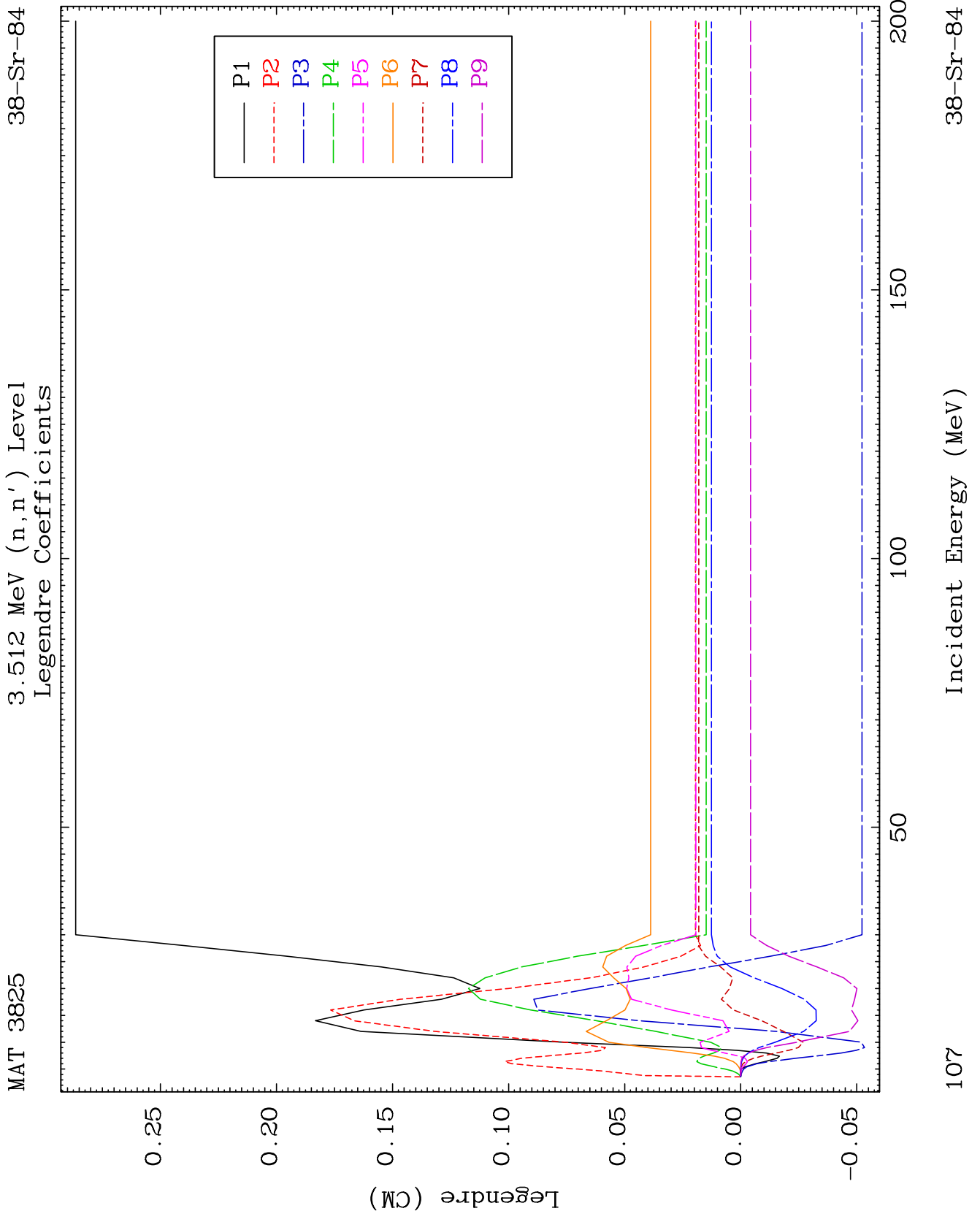
38-Sr-84



106

Incident Energy (MeV)

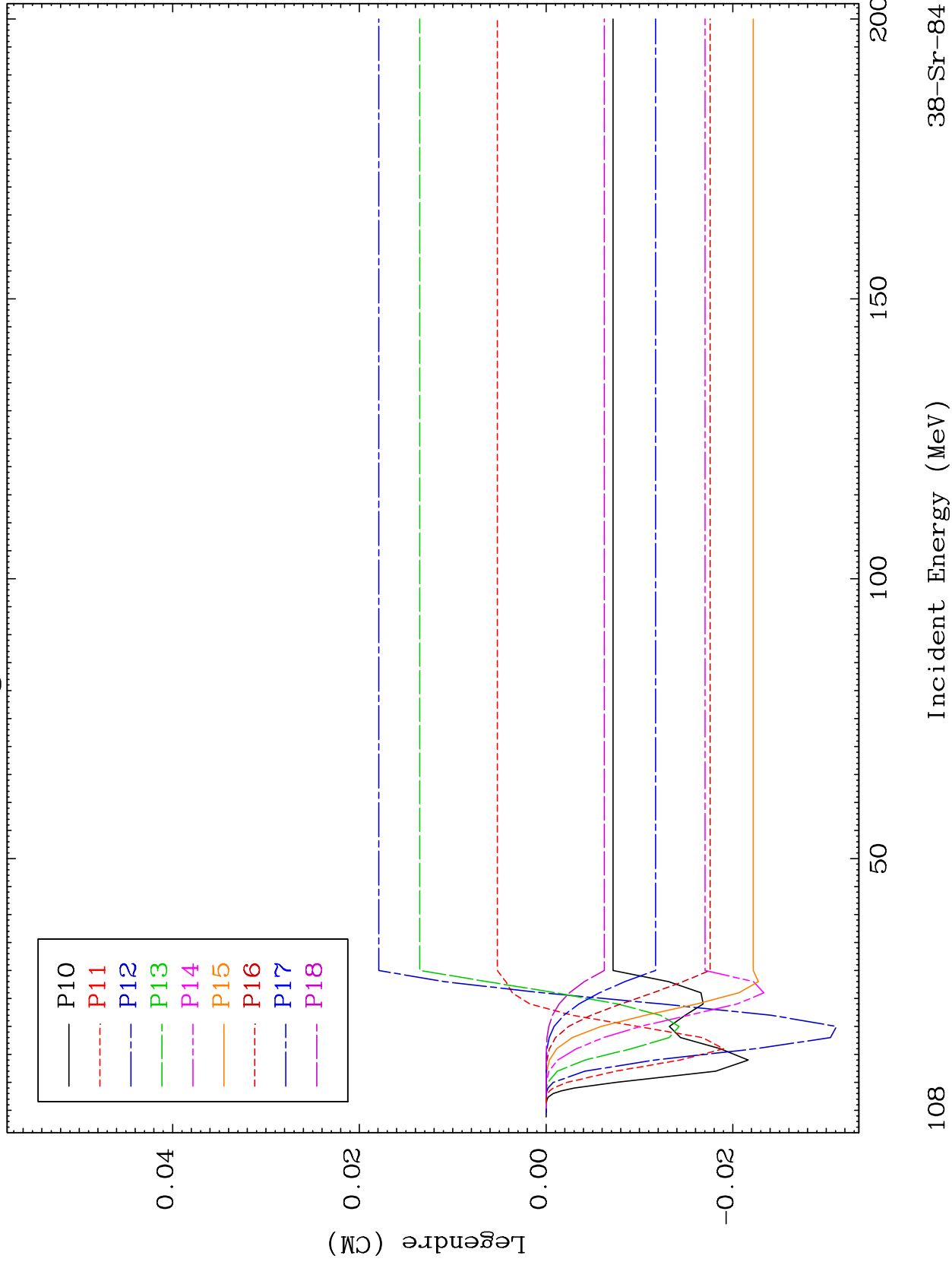
38-Sr-84



MAT 3825

3.512 MeV (n,n') Level
Legendre Coefficients

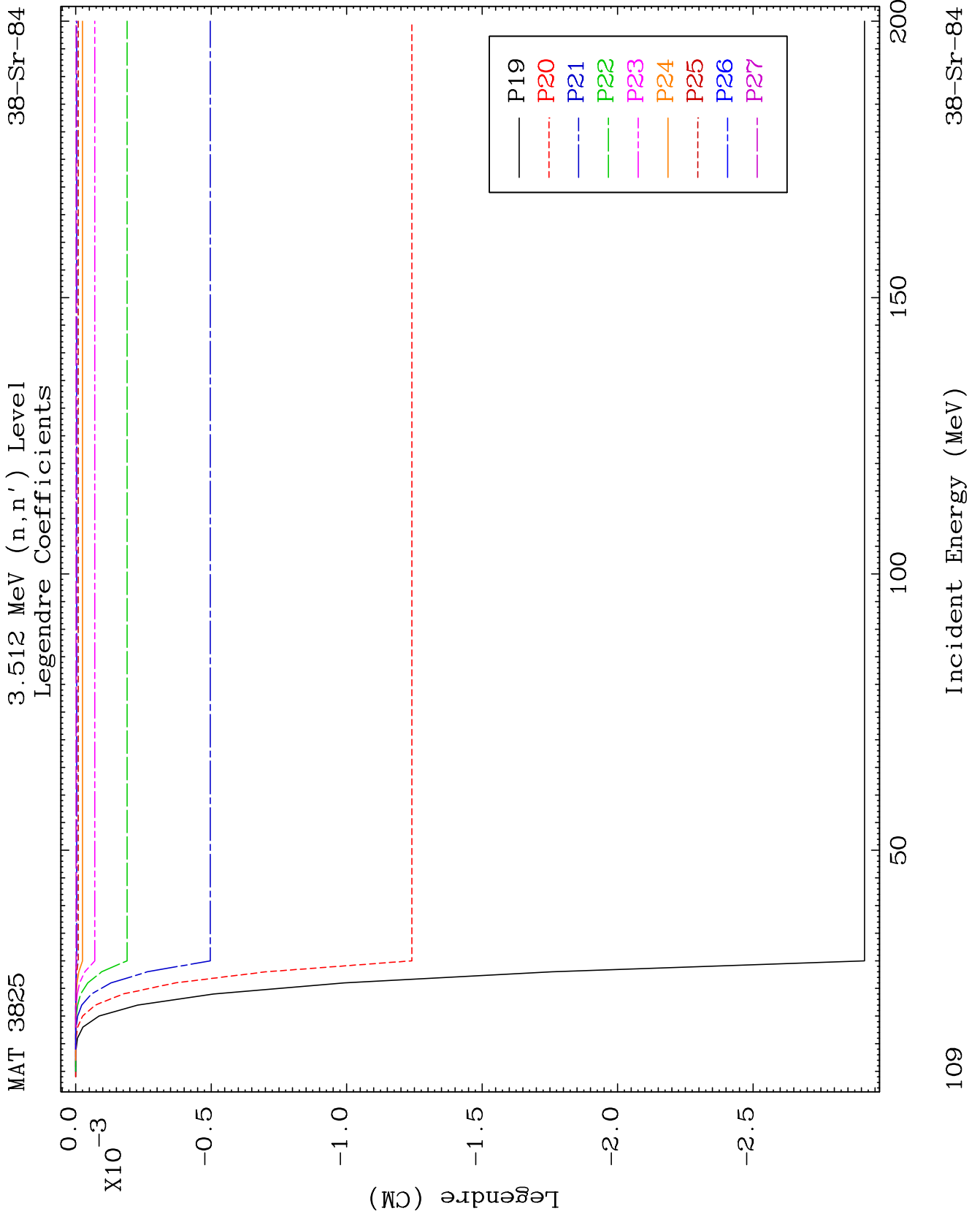
38-Sr-84

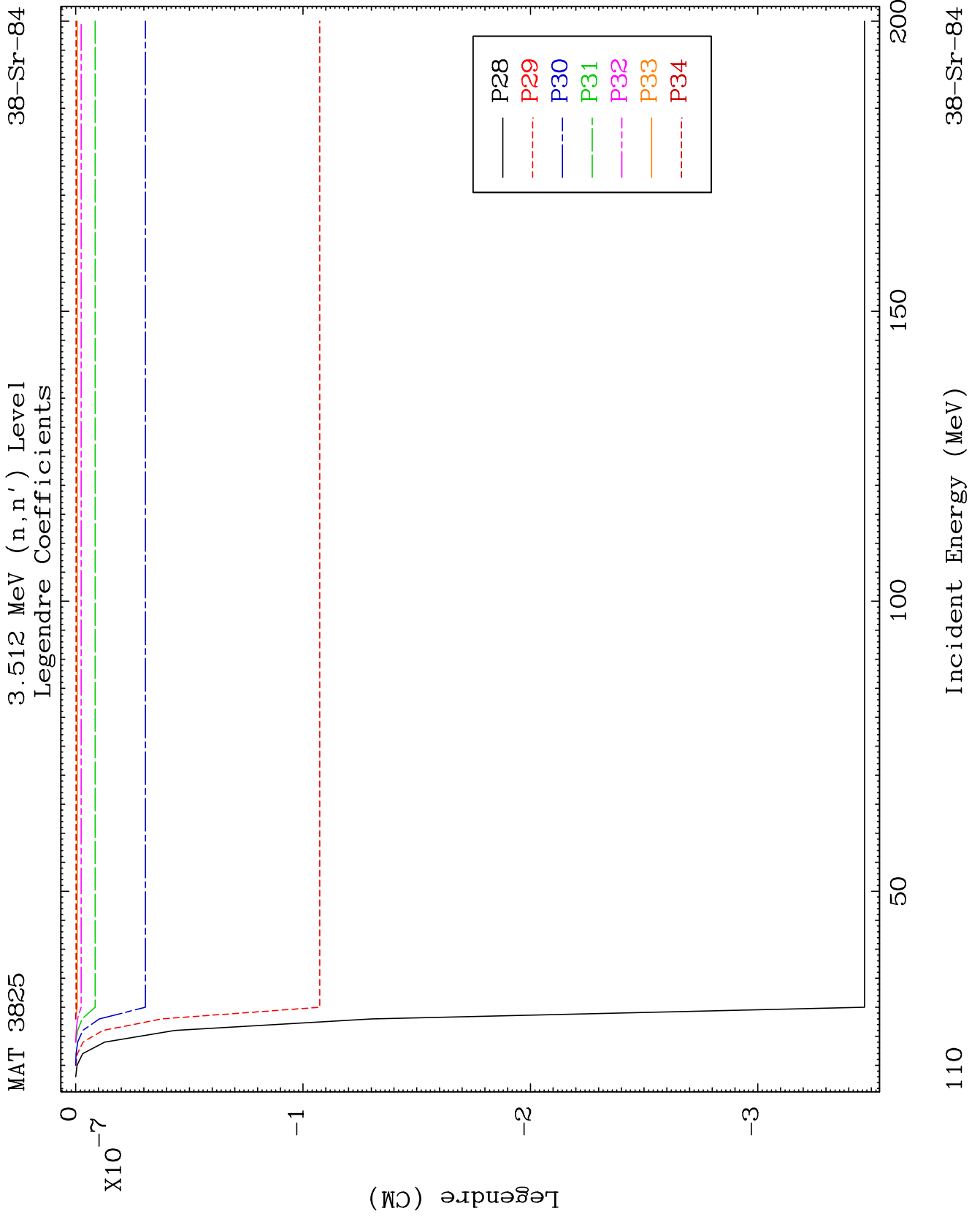


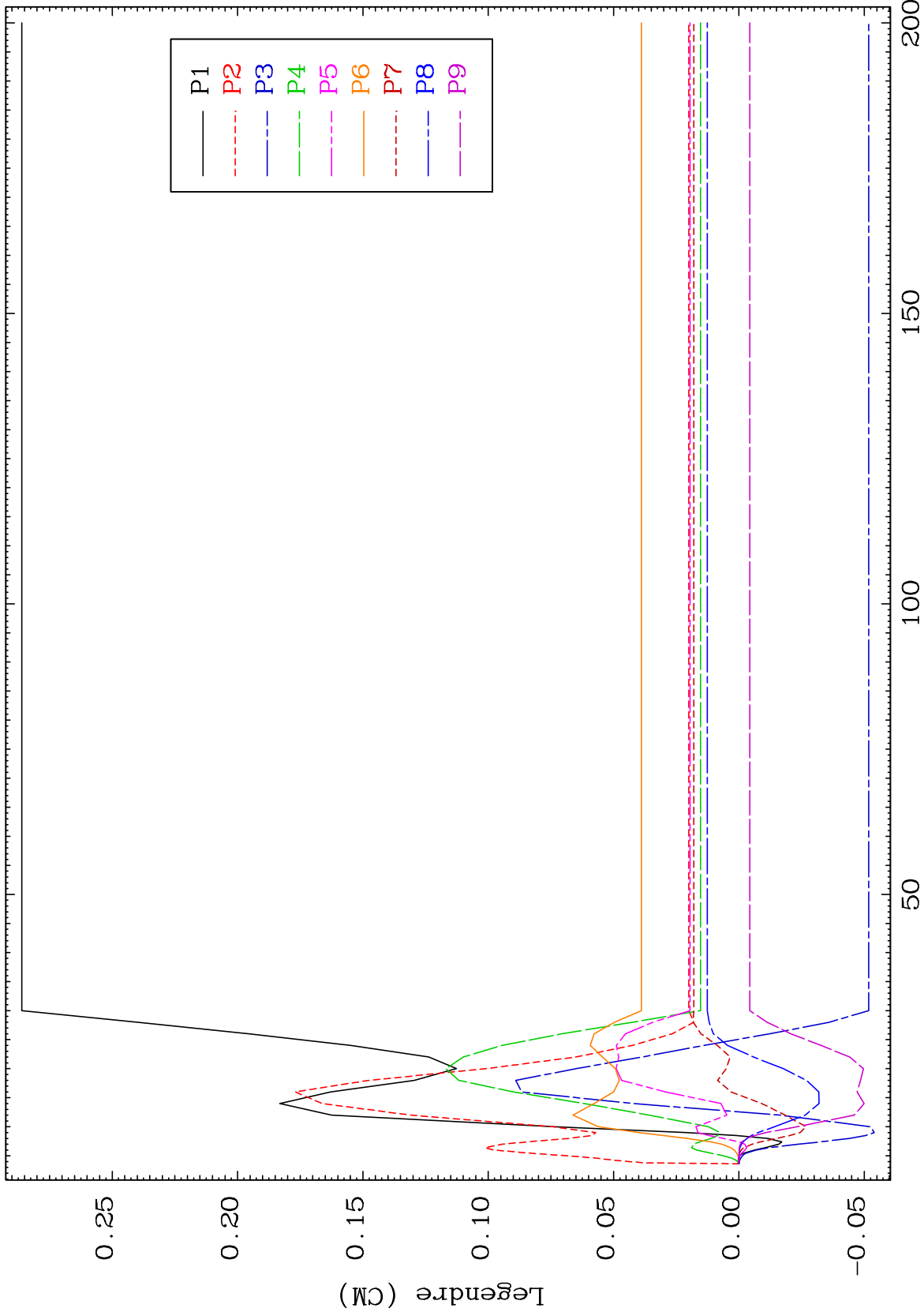
108

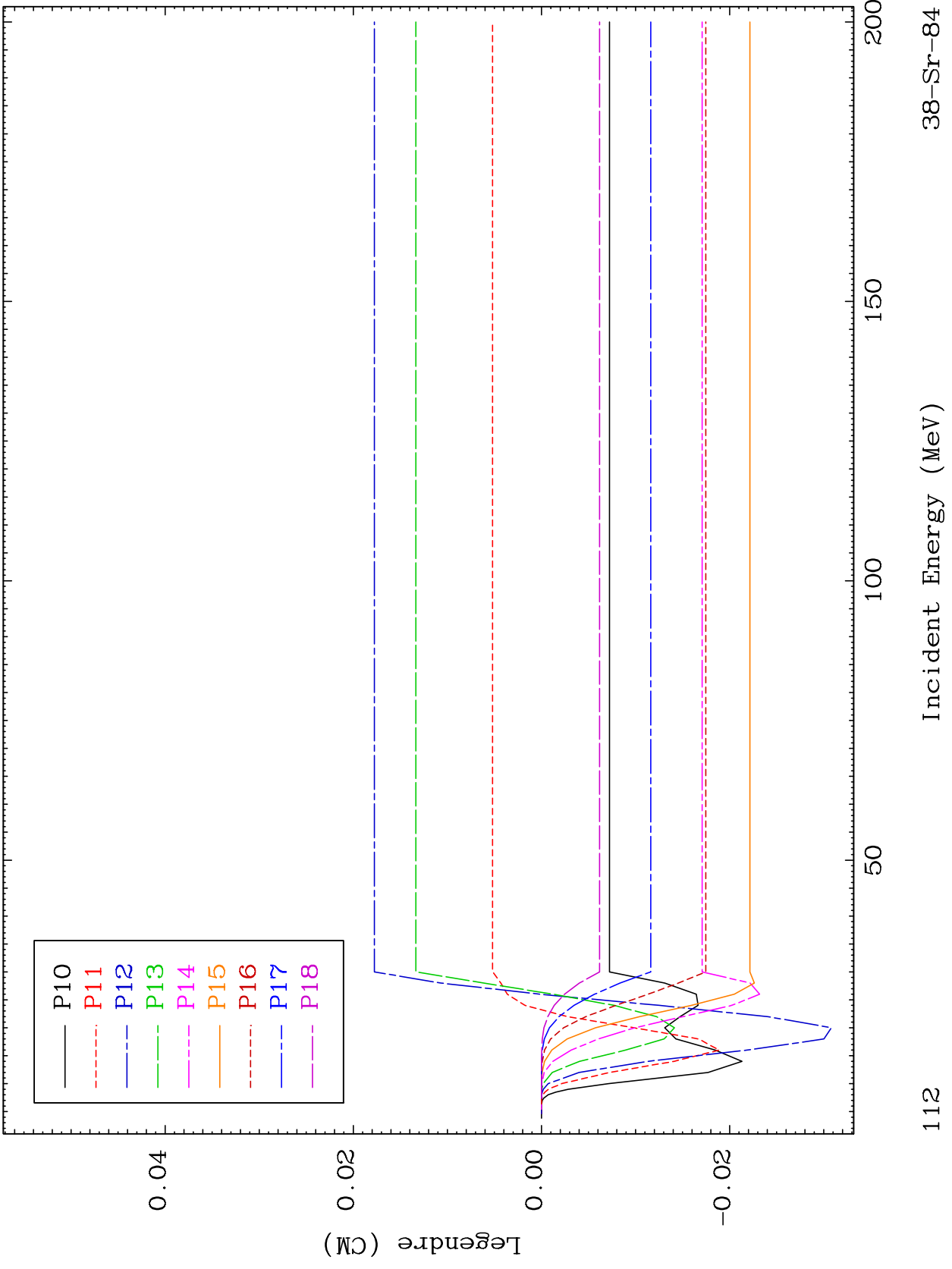
Incident Energy (MeV)

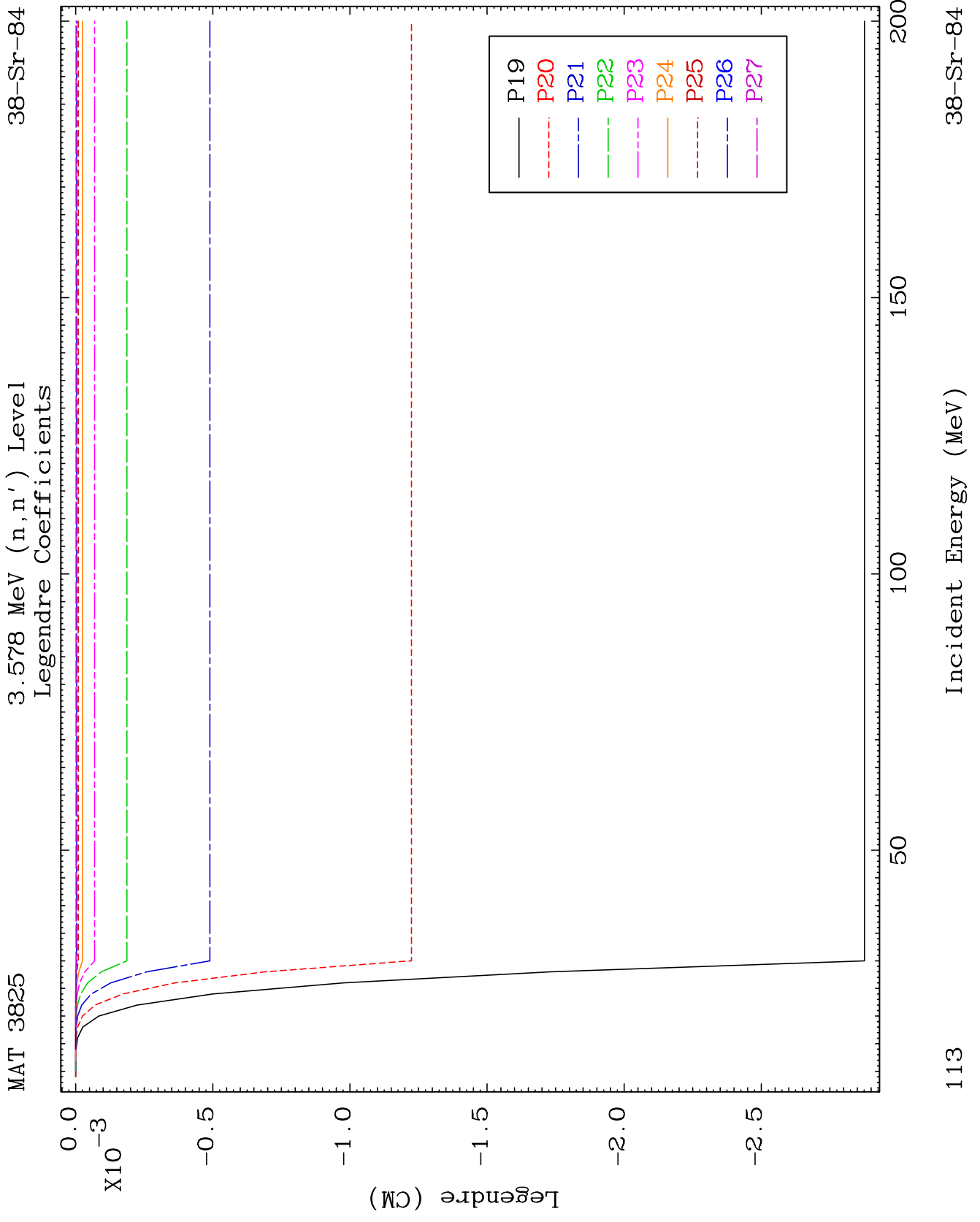
38-Sr-84

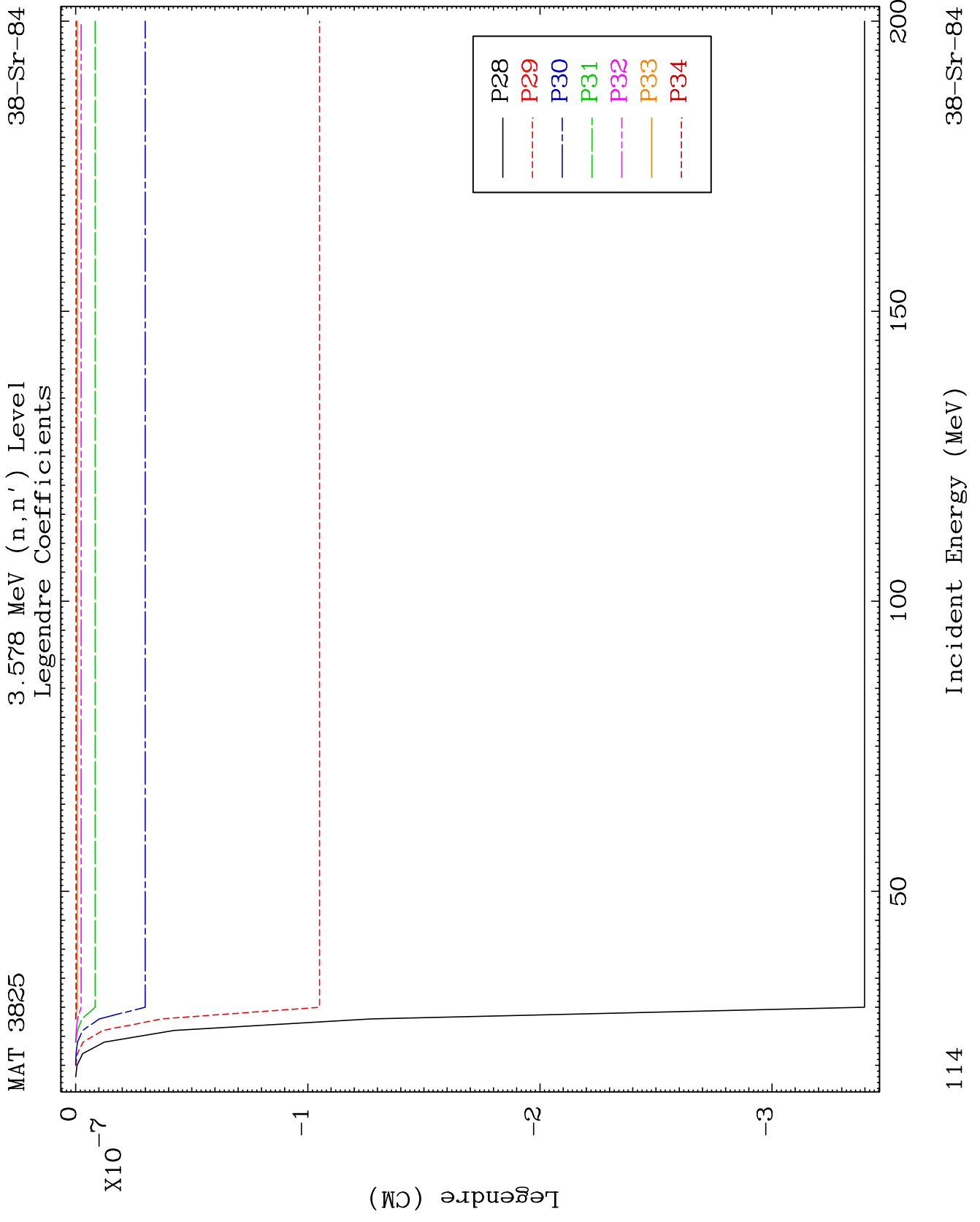








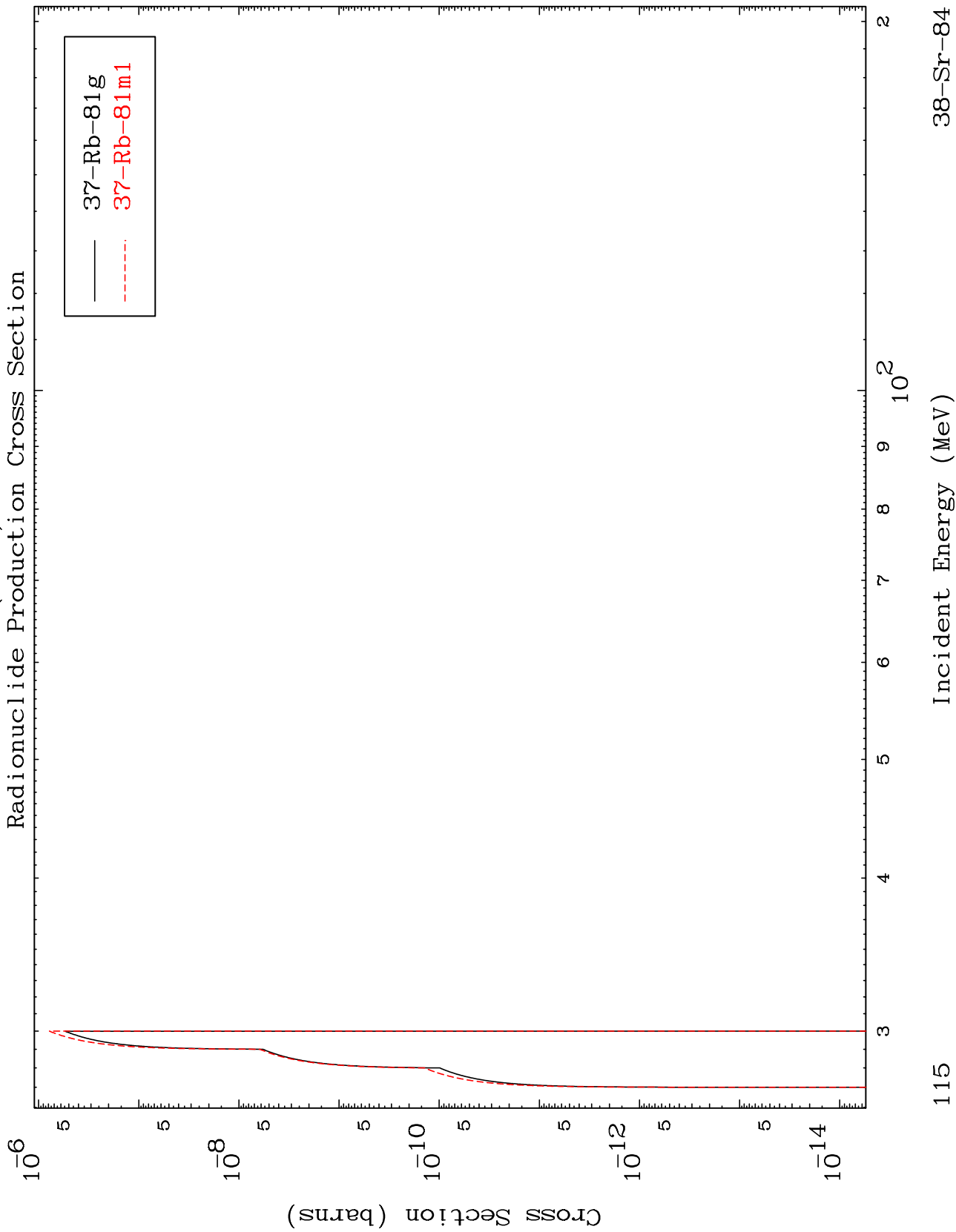




MAT 3825

(n,2n) d

38-Sr-84



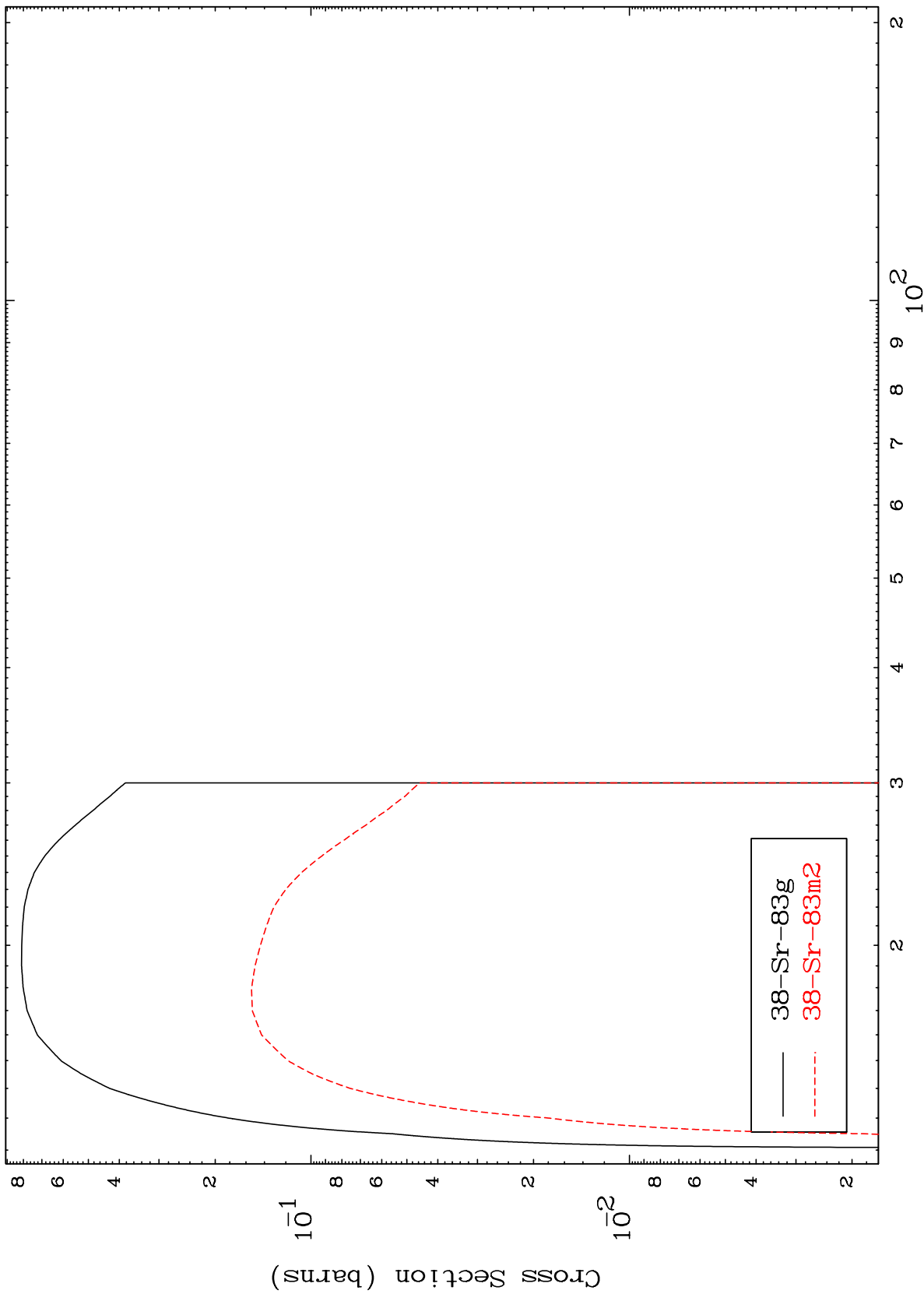
115

38-Sr-84

MAT 3825

38-Sr-84

(n,2n)
Radionuclide Production Cross Section



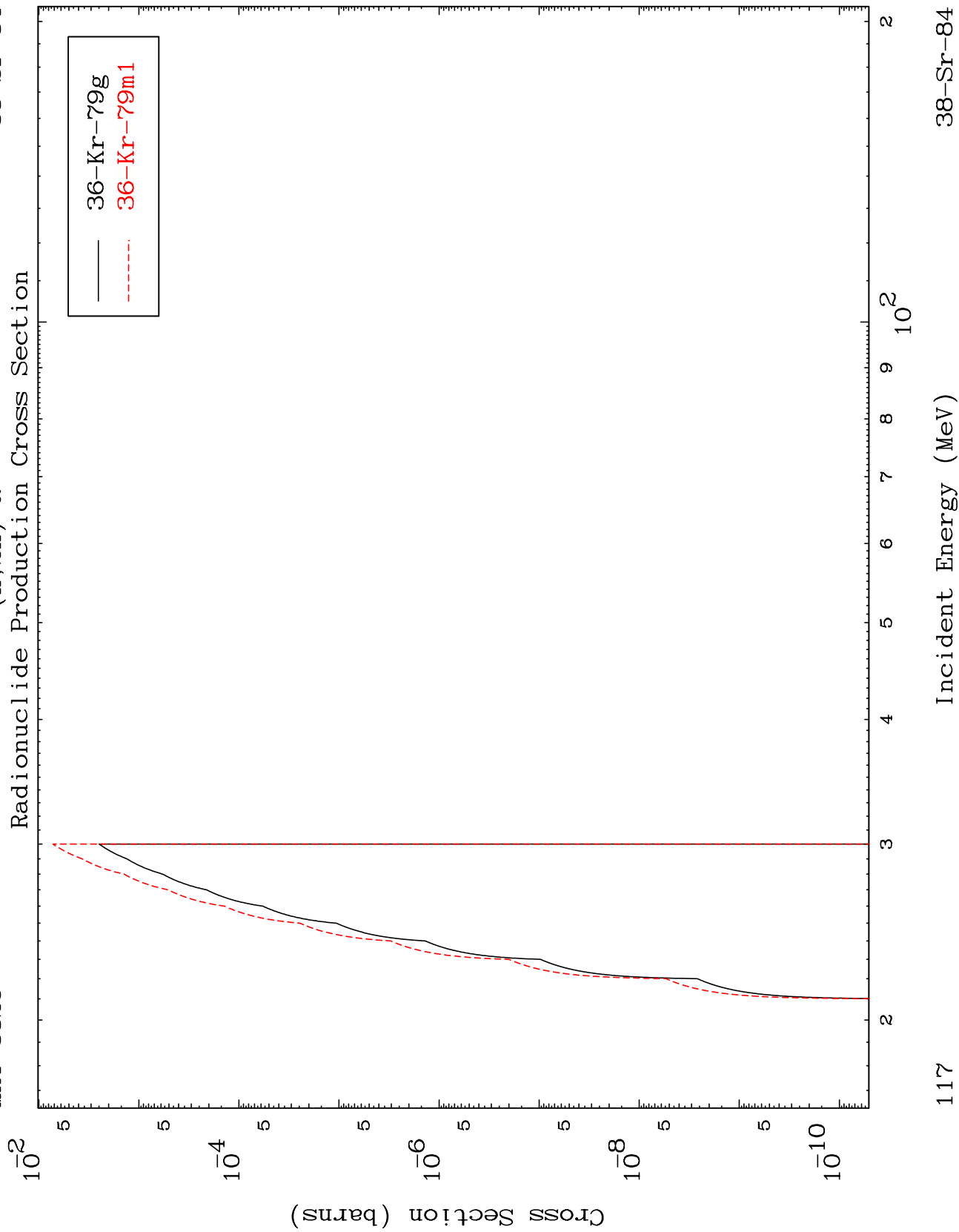
116

38-Sr-84

MAT 3825

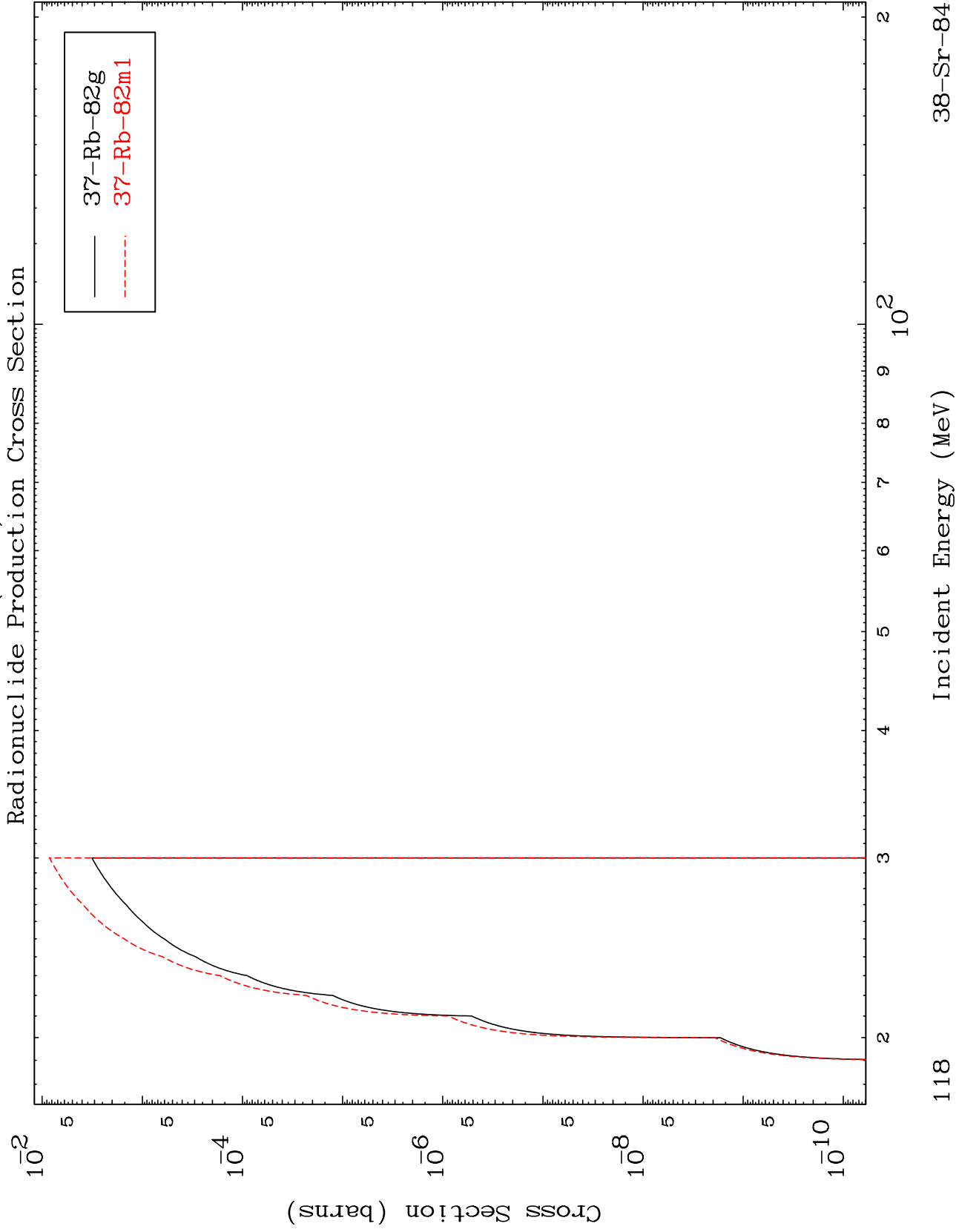
$(n,2n) \alpha$

38-Sr-84



117

38-Sr-84

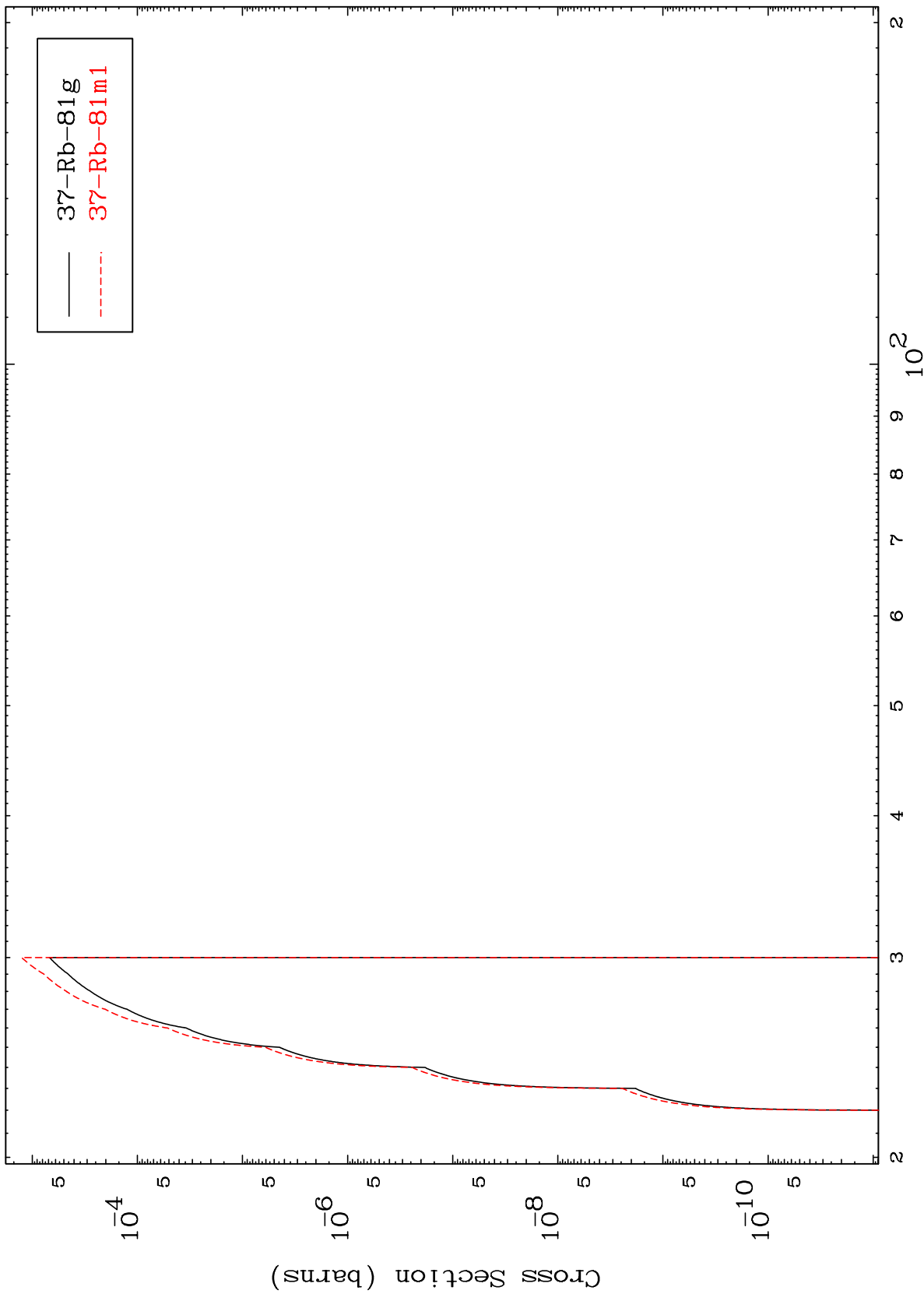


MAT 3825

(n,n') t

38-Sr-84

Radionuclide Production Cross Section



119

Incident Energy (MeV)

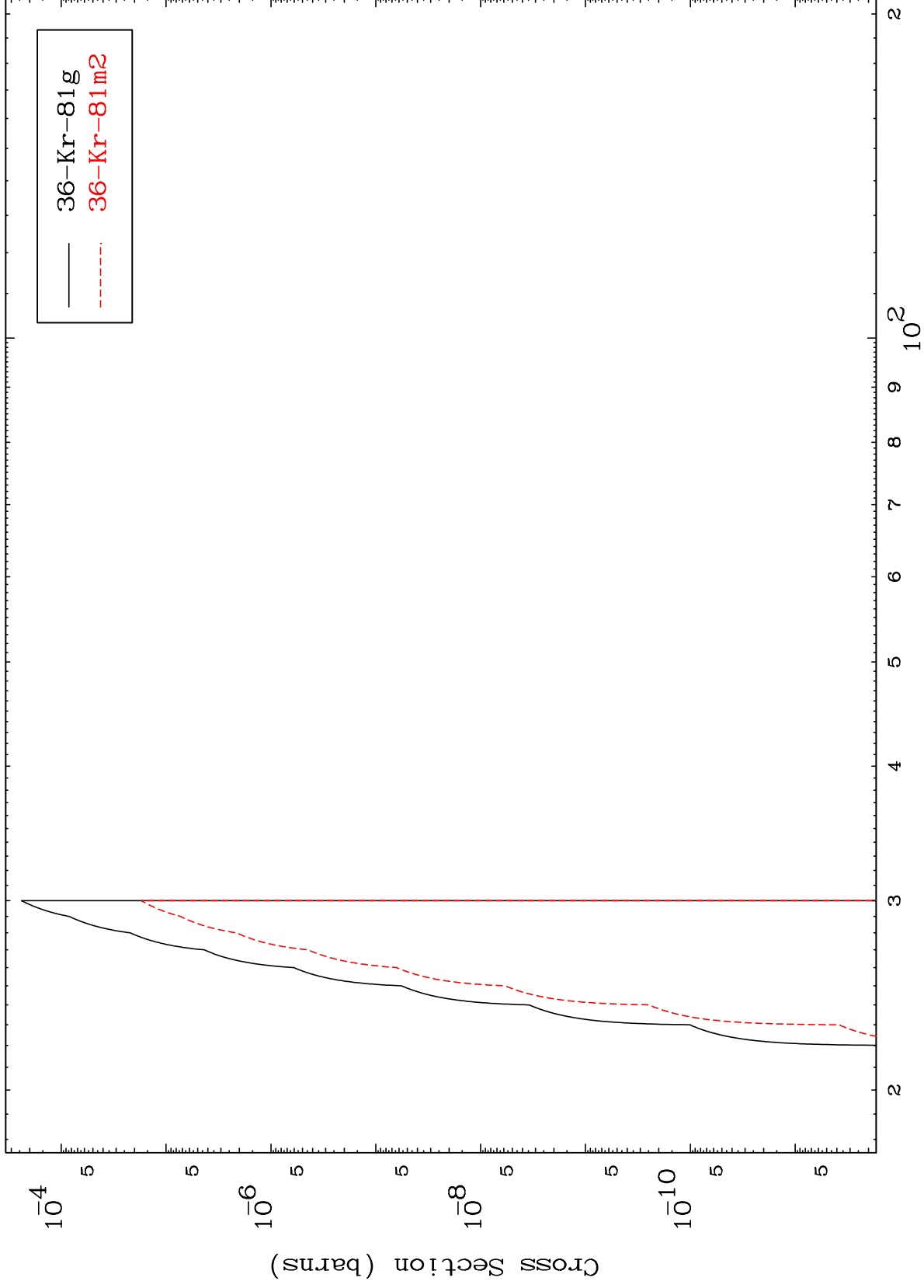
38-Sr-84

MAT 3825

(n,n') He-3

38-Sr-84

Radionuclide Production Cross Section



120

Incident Energy (MeV)

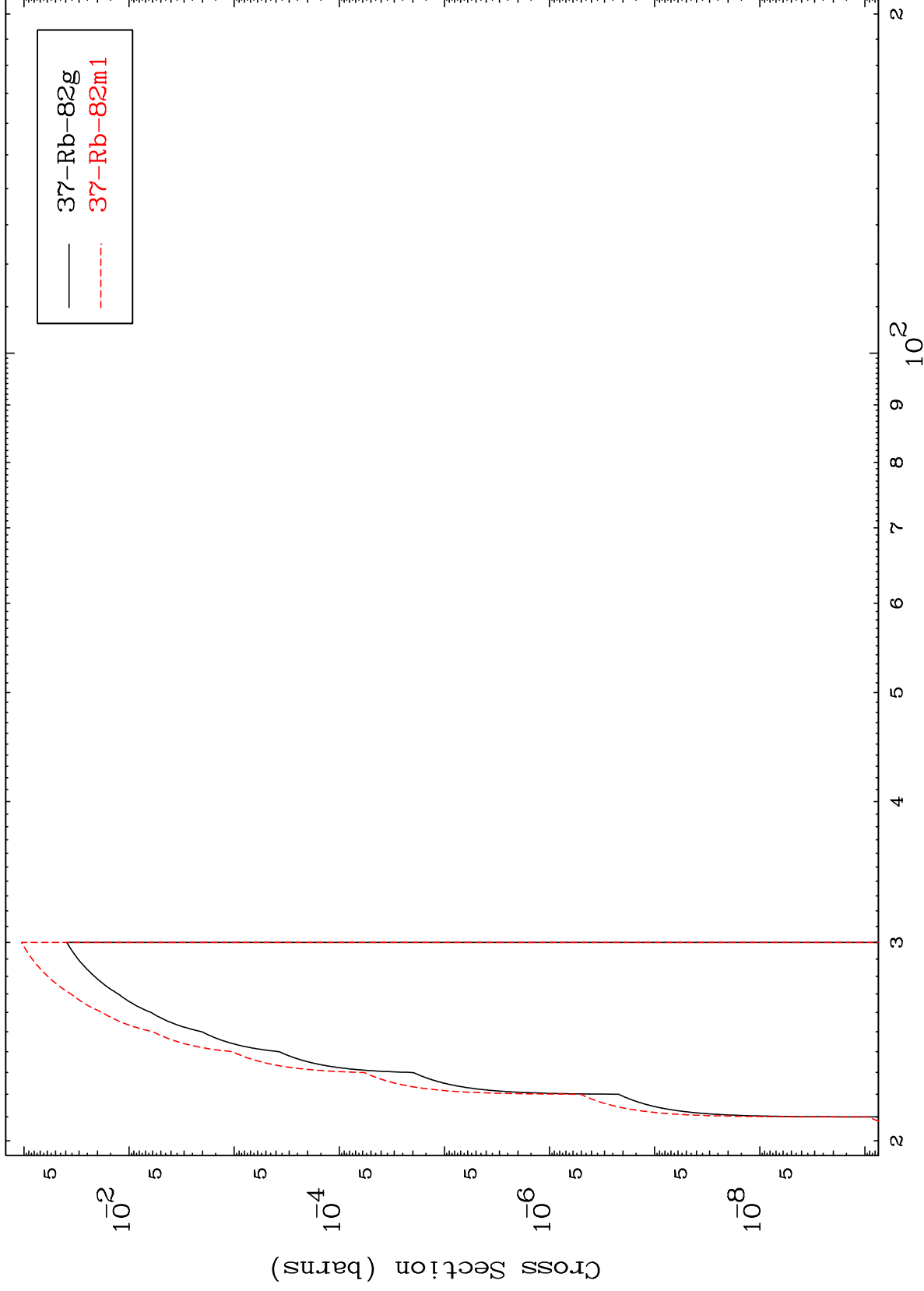
38-Sr-84

MAT 3825

(n,2n) p

38-Sr-84

Radionuclide Production Cross Section



121

Incident Energy (MeV)

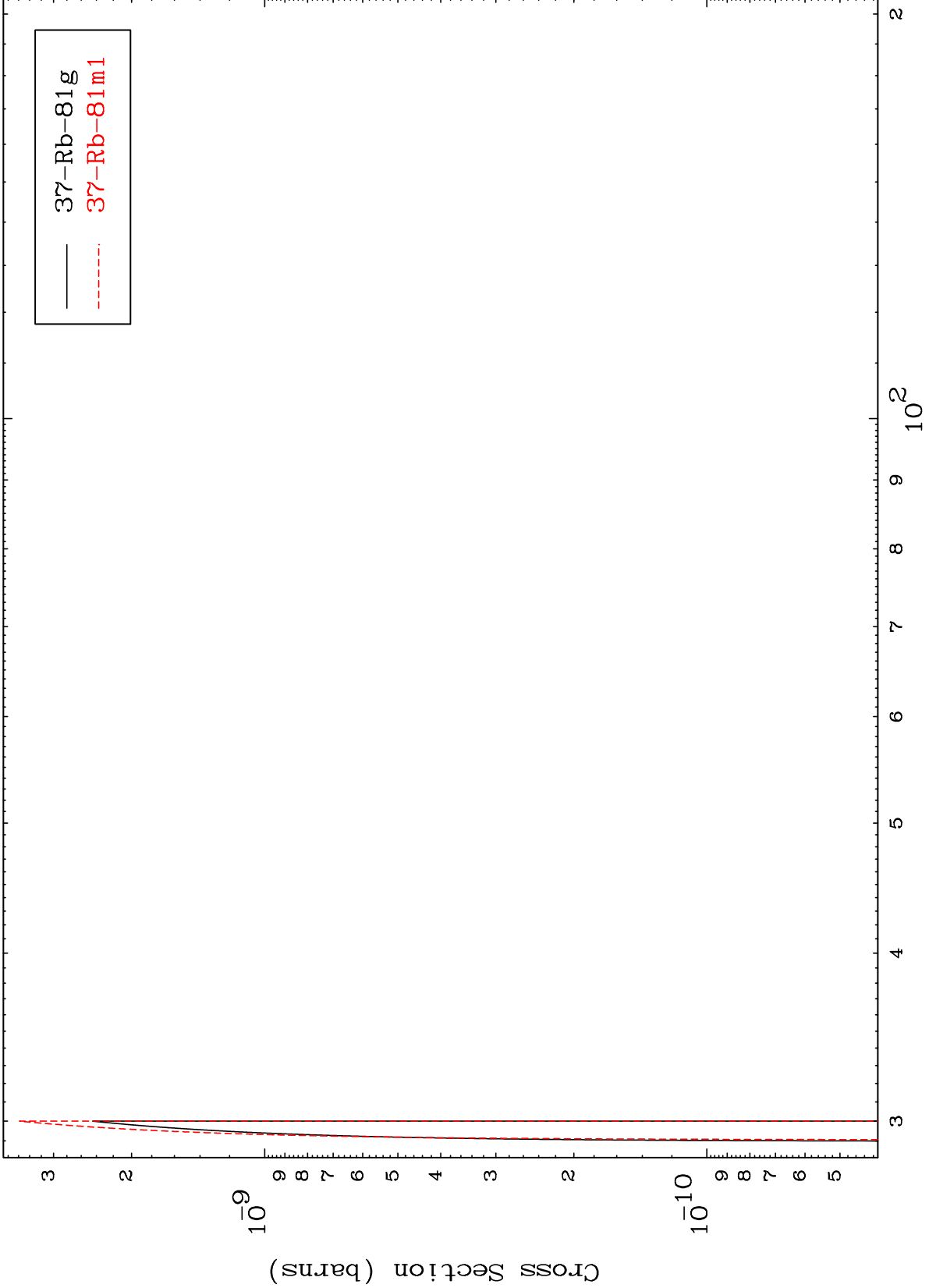
38-Sr-84

MAT 3825

(n,3n) p

38-Sr-84

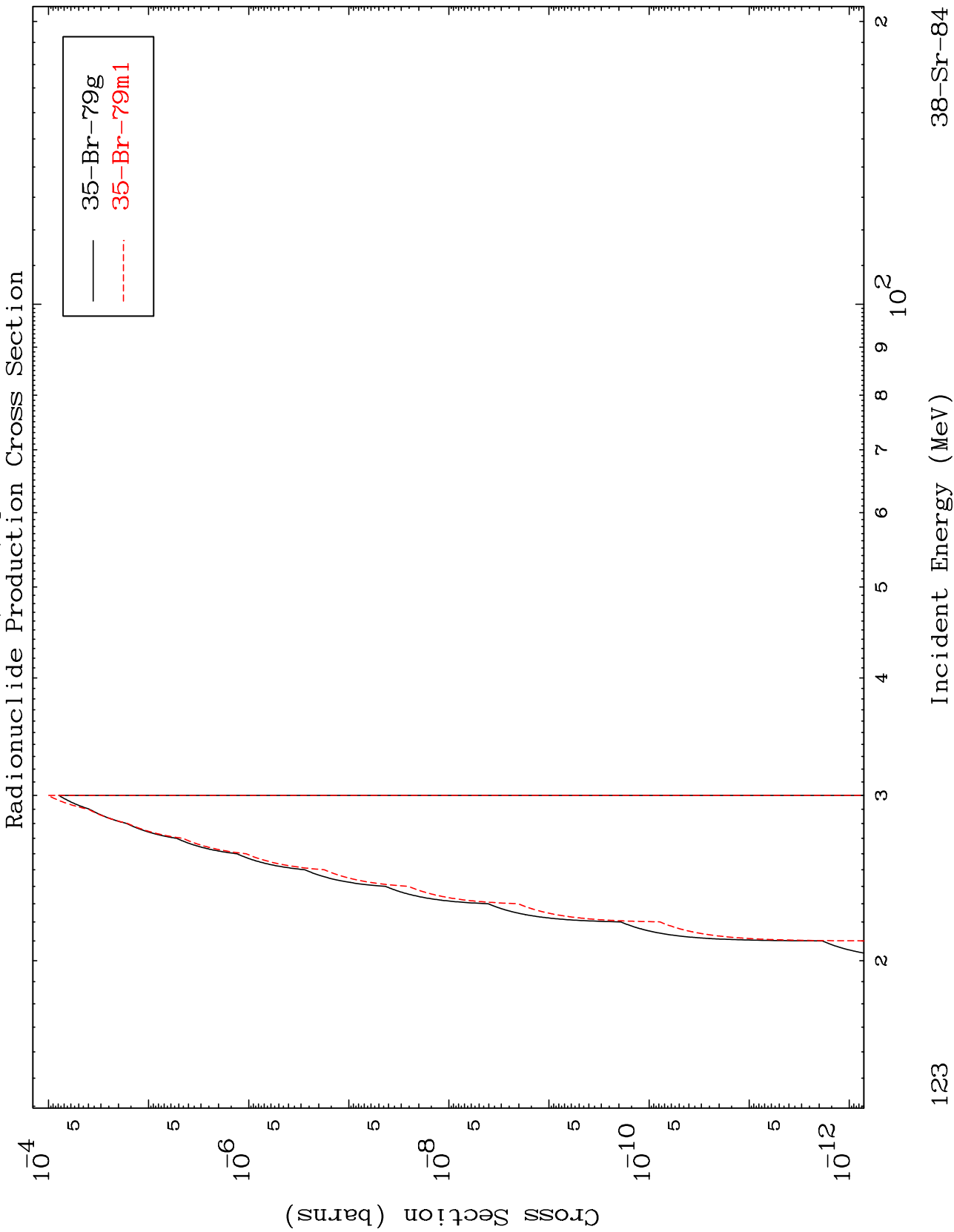
Radionuclide Production Cross Section



122

Incident Energy (MeV)

38-Sr-84

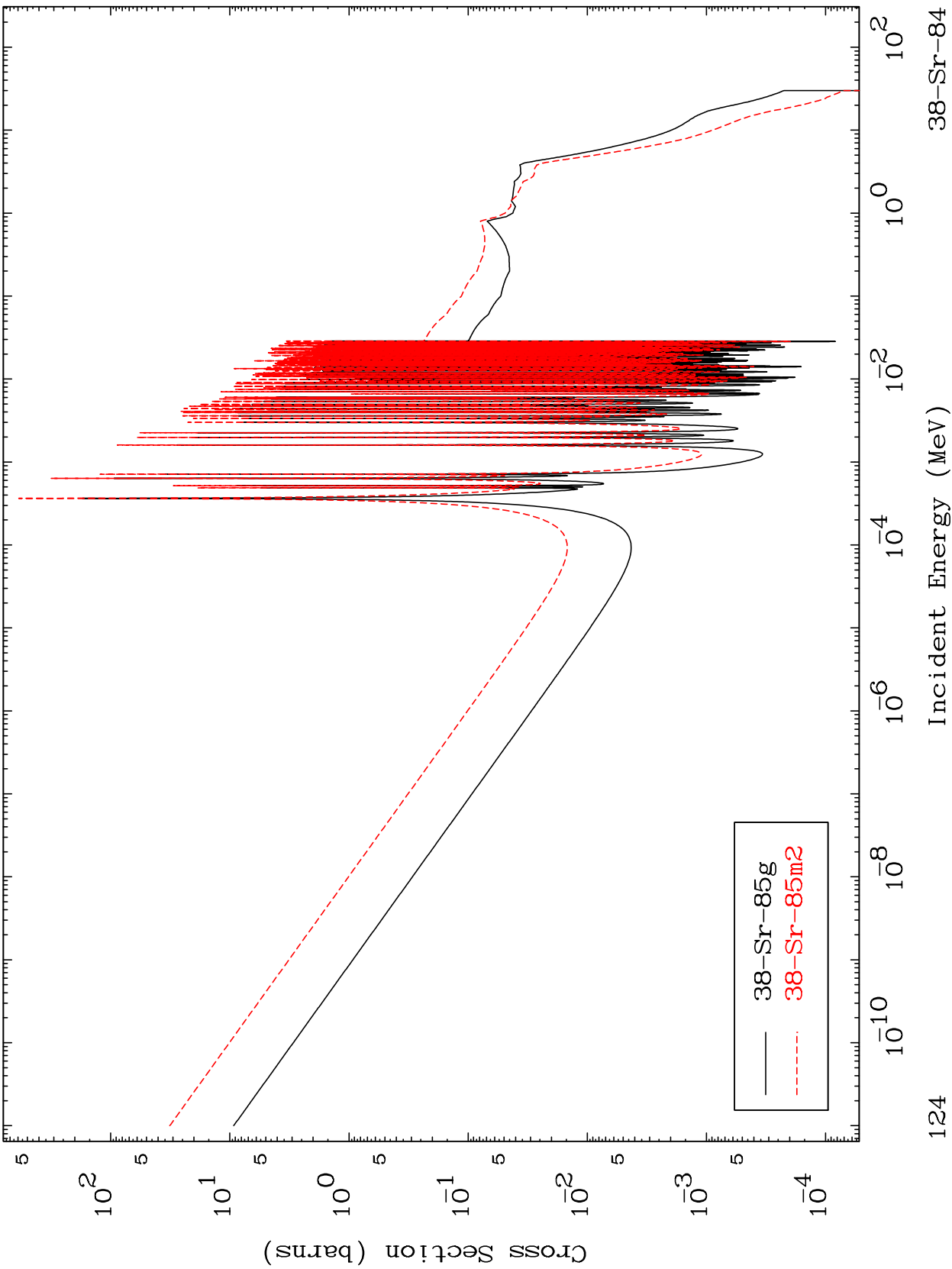


MAT 3825

38-Sr-84

Radionuclide Production Cross Section

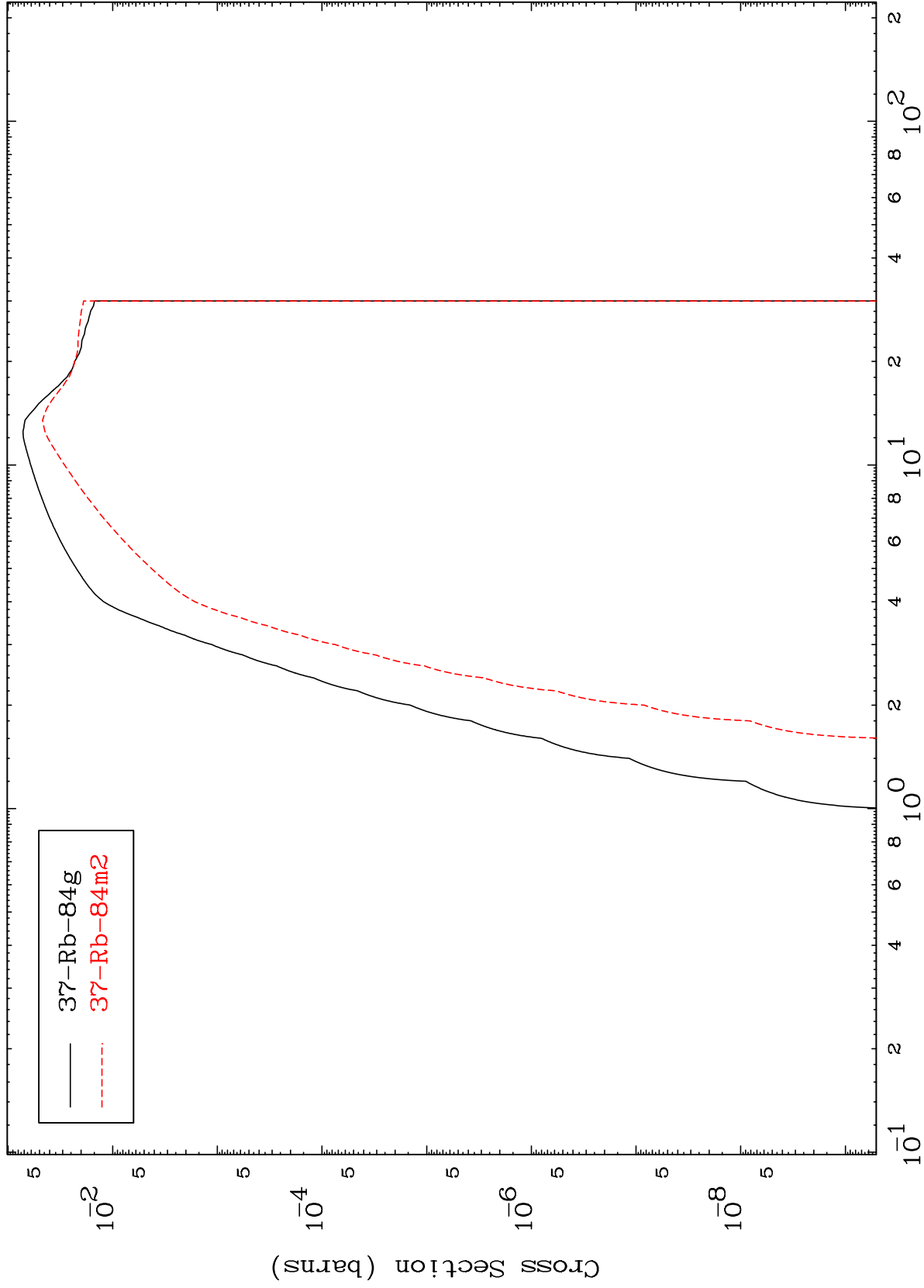
(n, γ)



MAT 3825

38-Sr-84

(n,p)
Radionuclide Production Cross Section

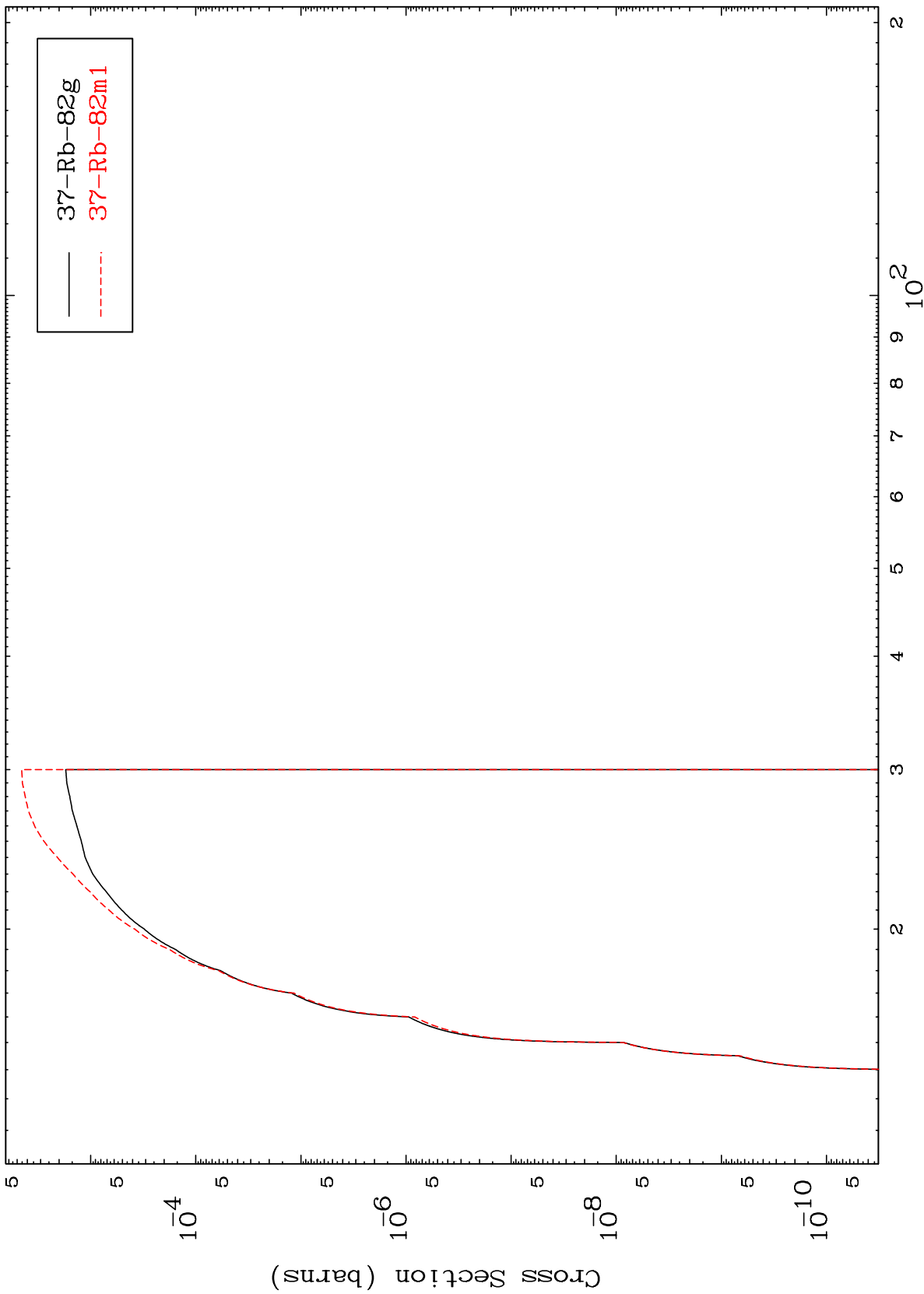


38-Sr-84

Incident Energy (MeV)

125

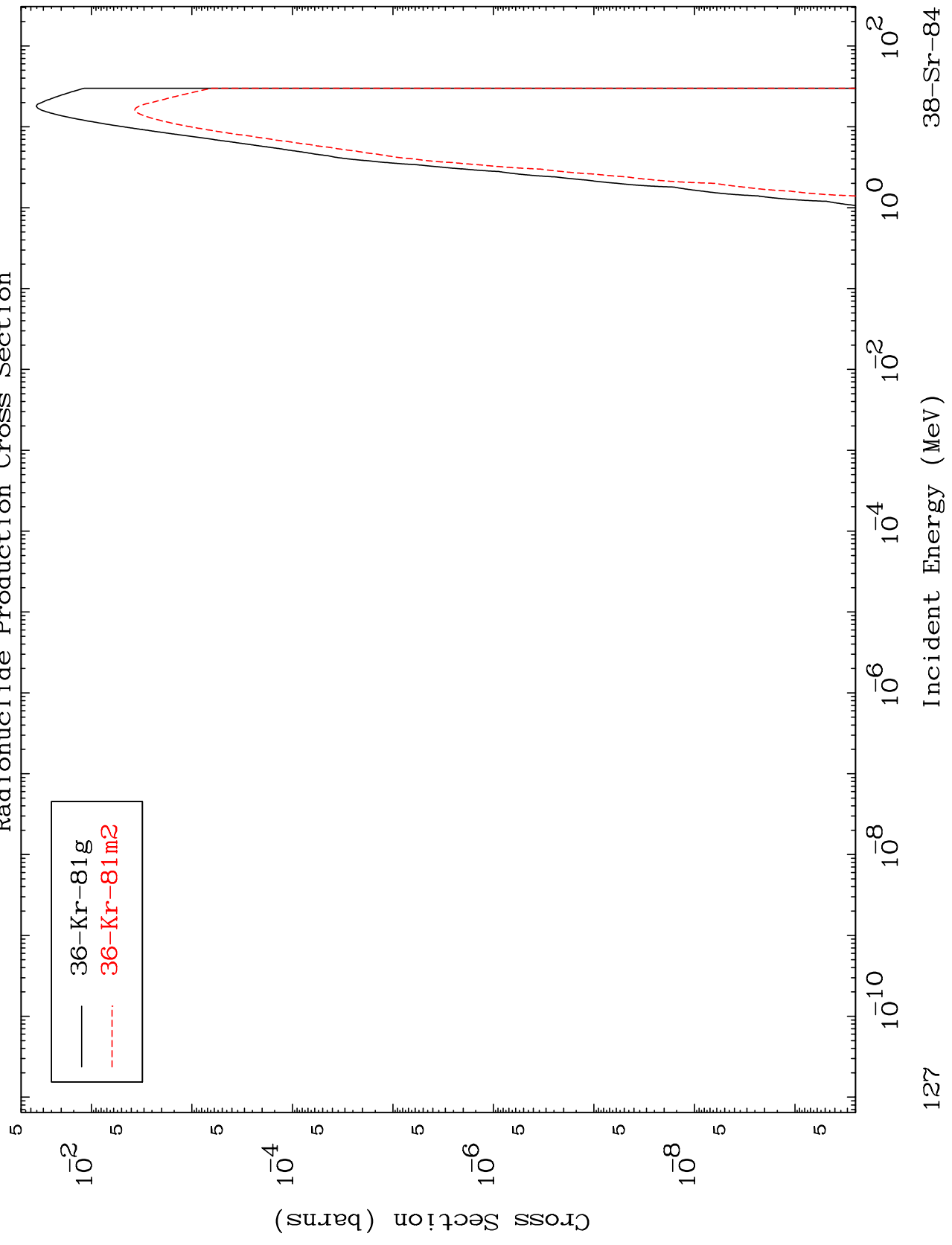
(n,t)
Radionuclide Production Cross Section



MAT 3825

38-Sr-84

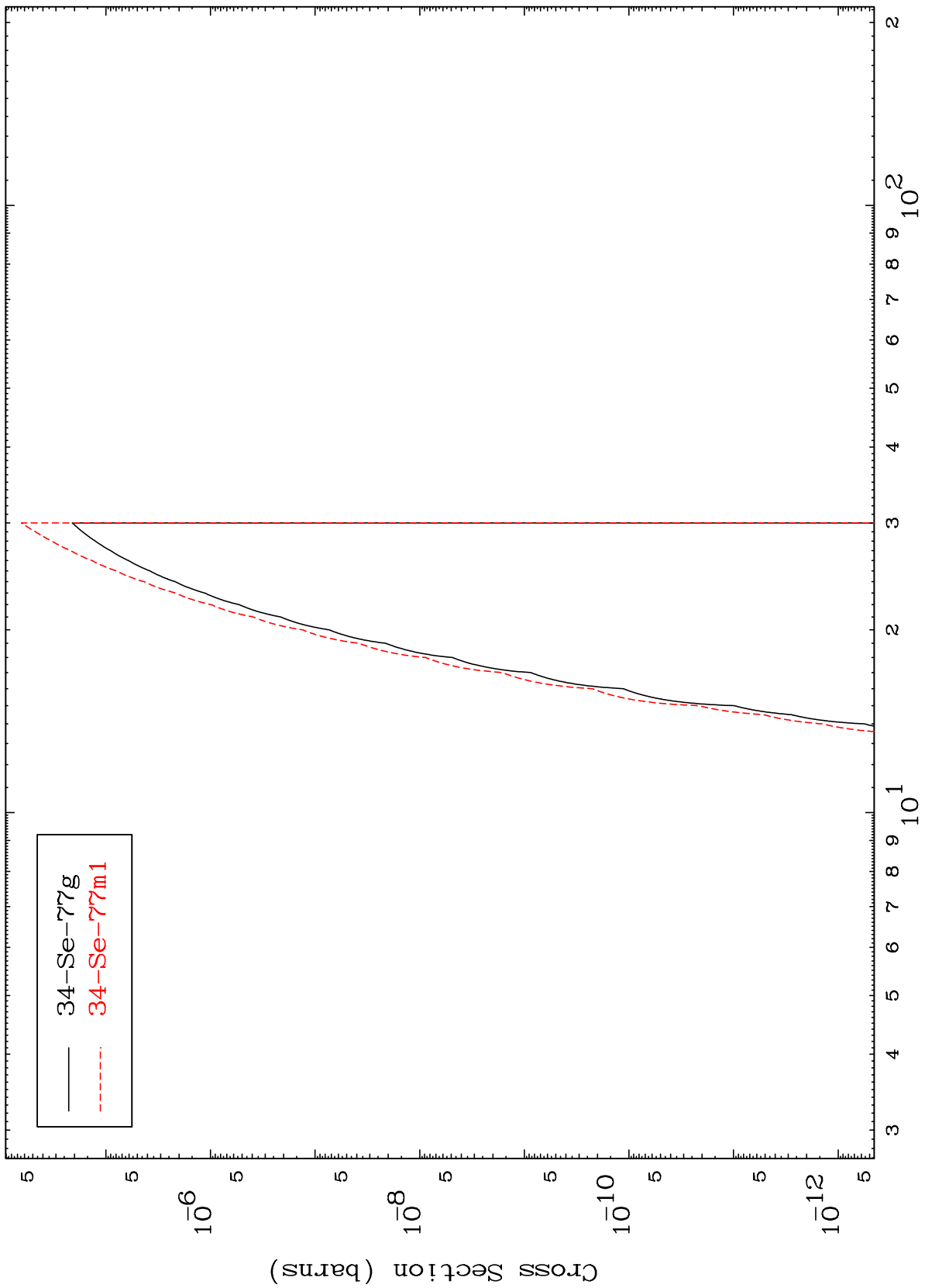
Radionuclide Production Cross Section
(n, α)



MAT 3825

38-Sr-84

(n,2α)
Radionuclide Production Cross Section



128

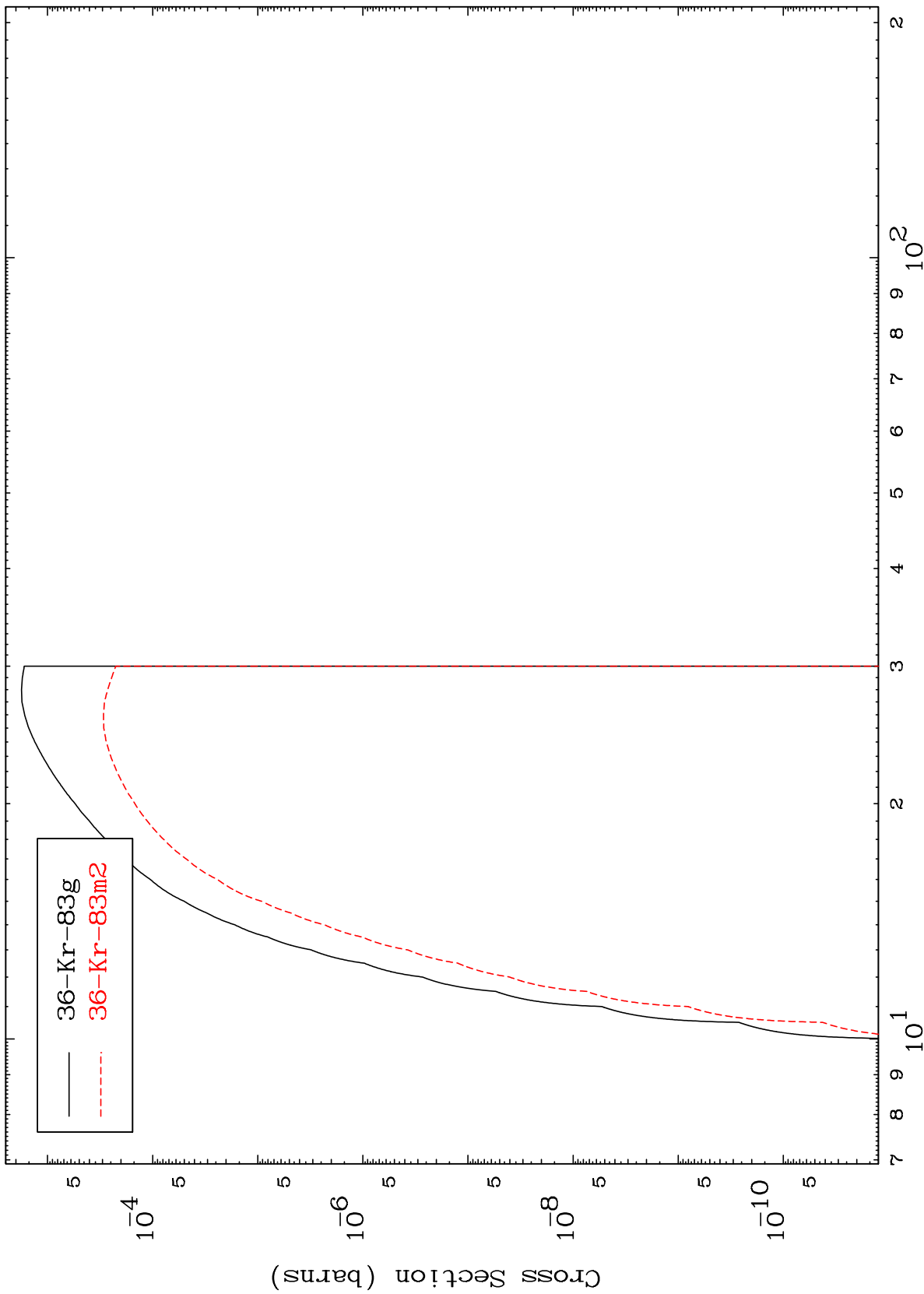
38-Sr-84

Incident Energy (MeV)

MAT 3825

38-Sr-84

(n,2p)
Radionuclide Production Cross Section



129

Incident Energy (MeV)

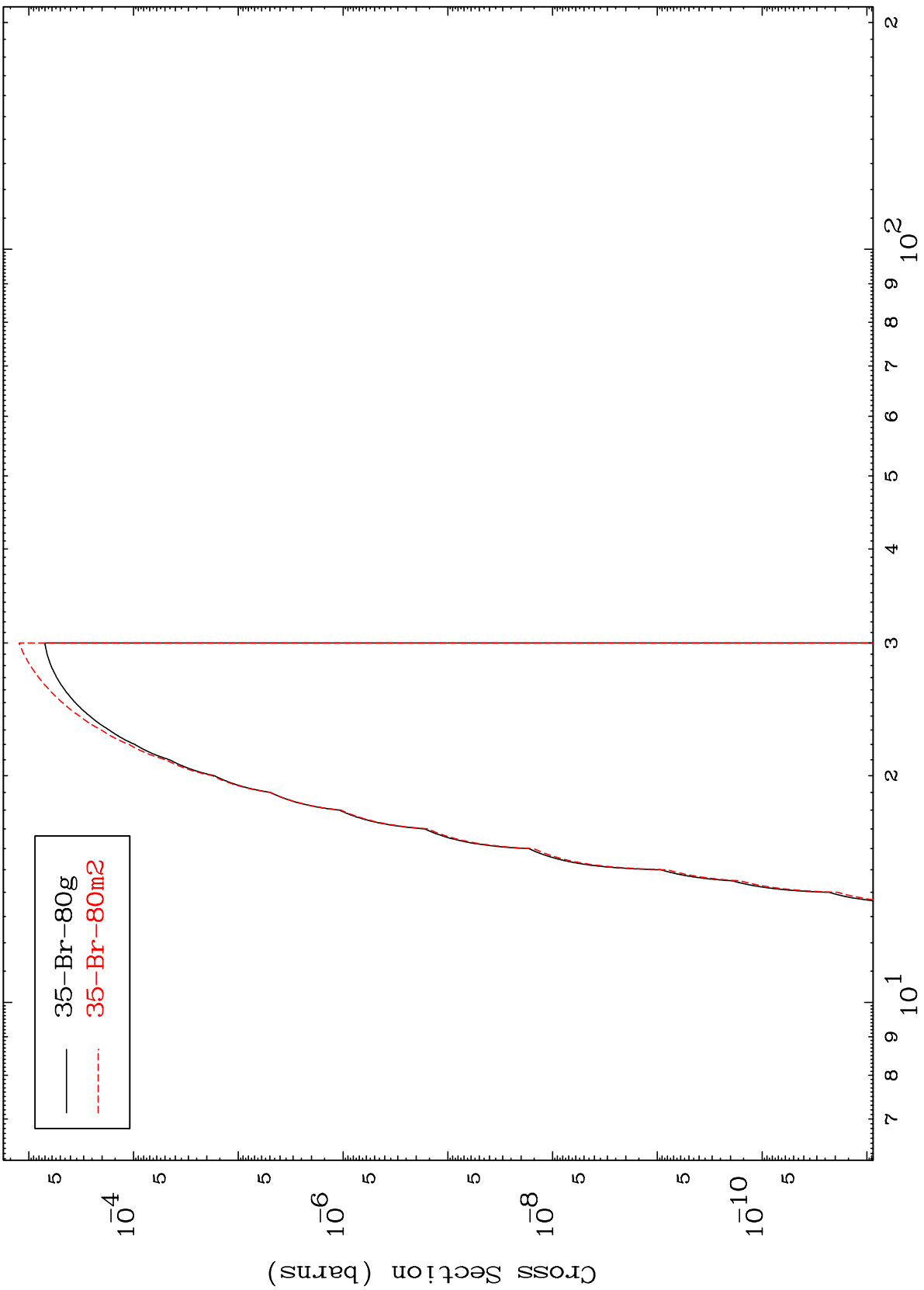
38-Sr-84

MAT 3825

(n,p) α

38-Sr-84

Radionuclide Production Cross Section



35-Br-80g
35-Br-80m2

130

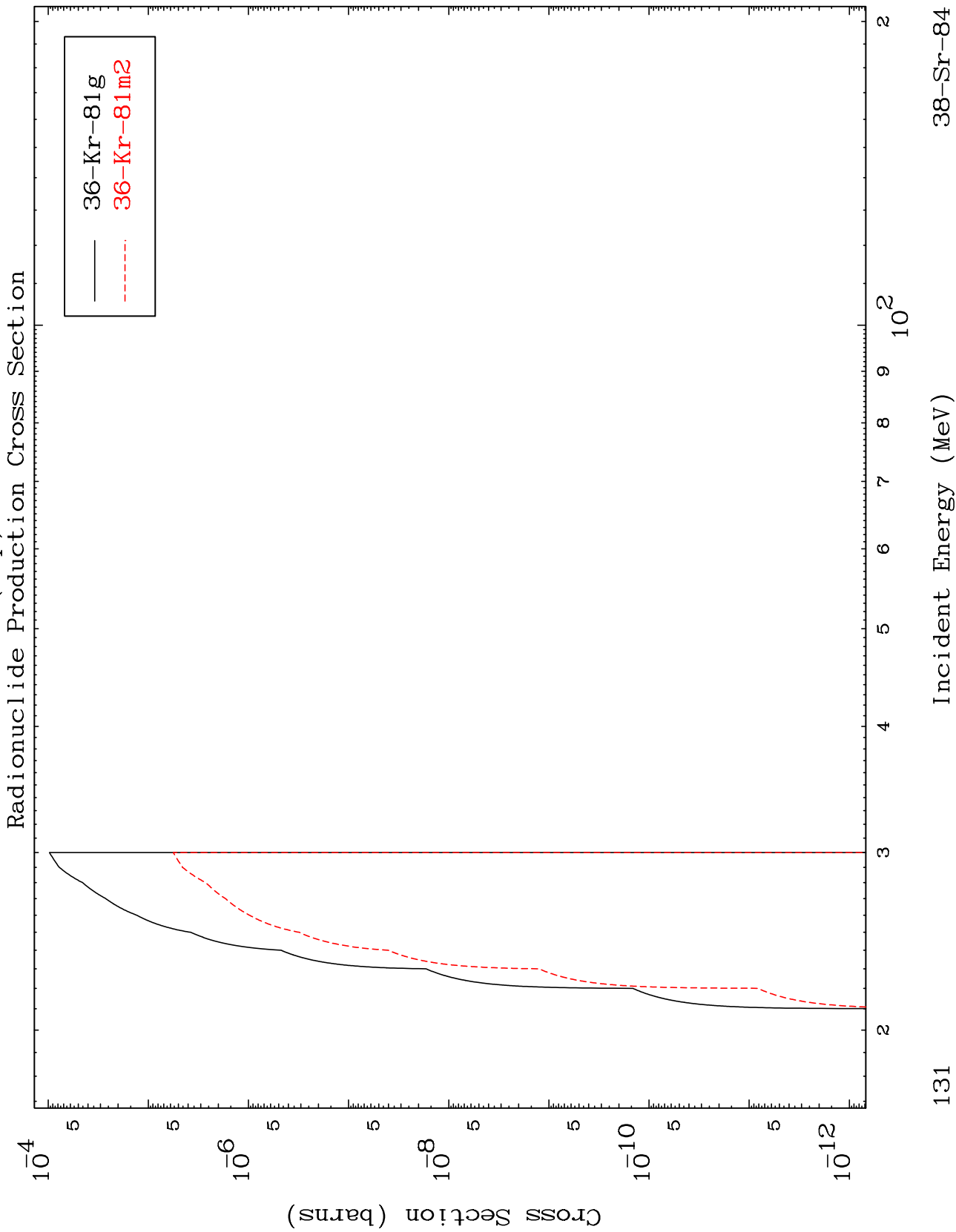
Incident Energy (MeV)

38-Sr-84

MAT 3825

(n,p) t

38-Sr-84



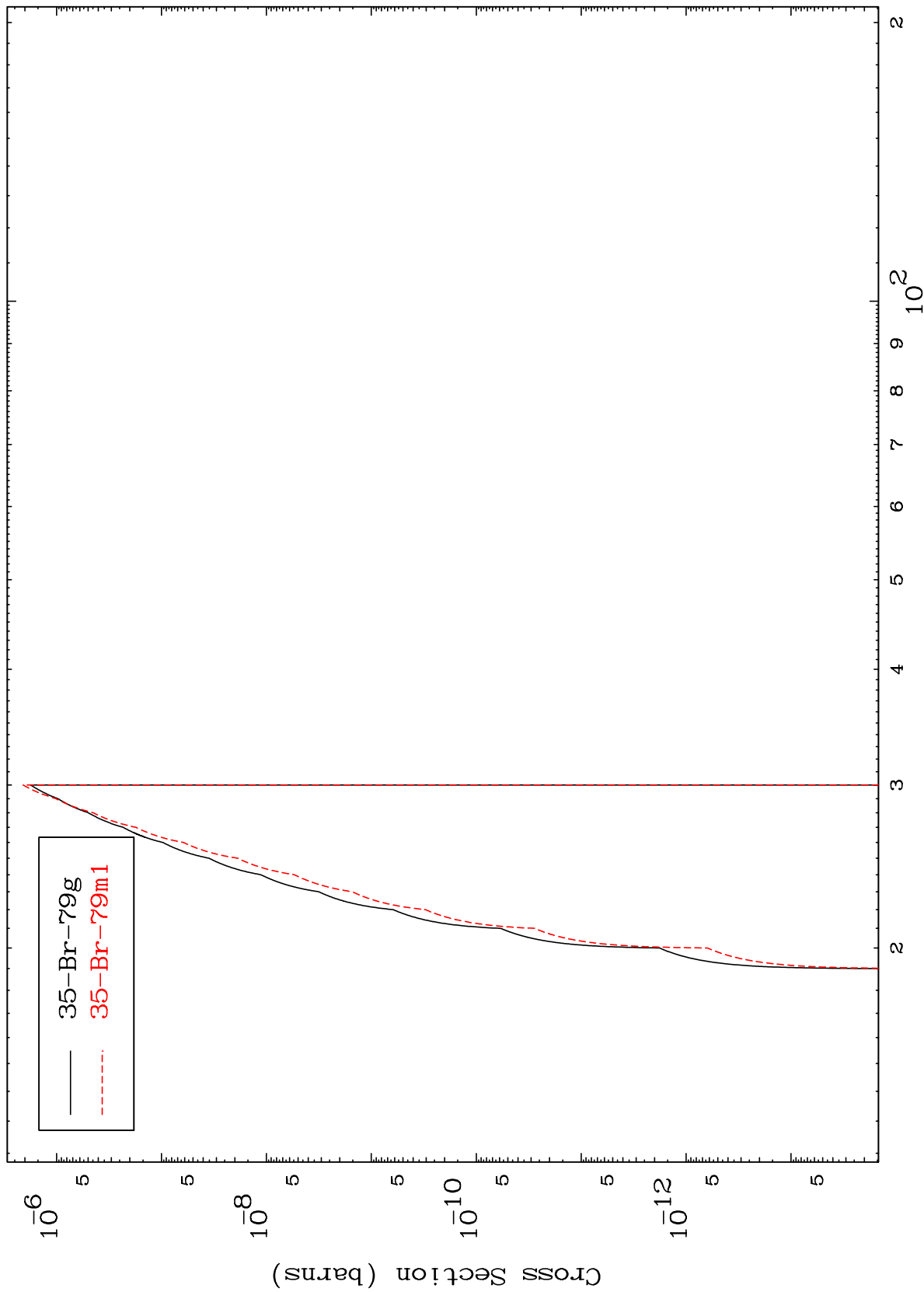
131

MAT 3825

(n,d) α

³⁸Sr-84

Radionuclide Production Cross Section



132

Incident Energy (MeV)

³⁸Sr-84