

Program EVALPLOT
(Version 2015-2)

by

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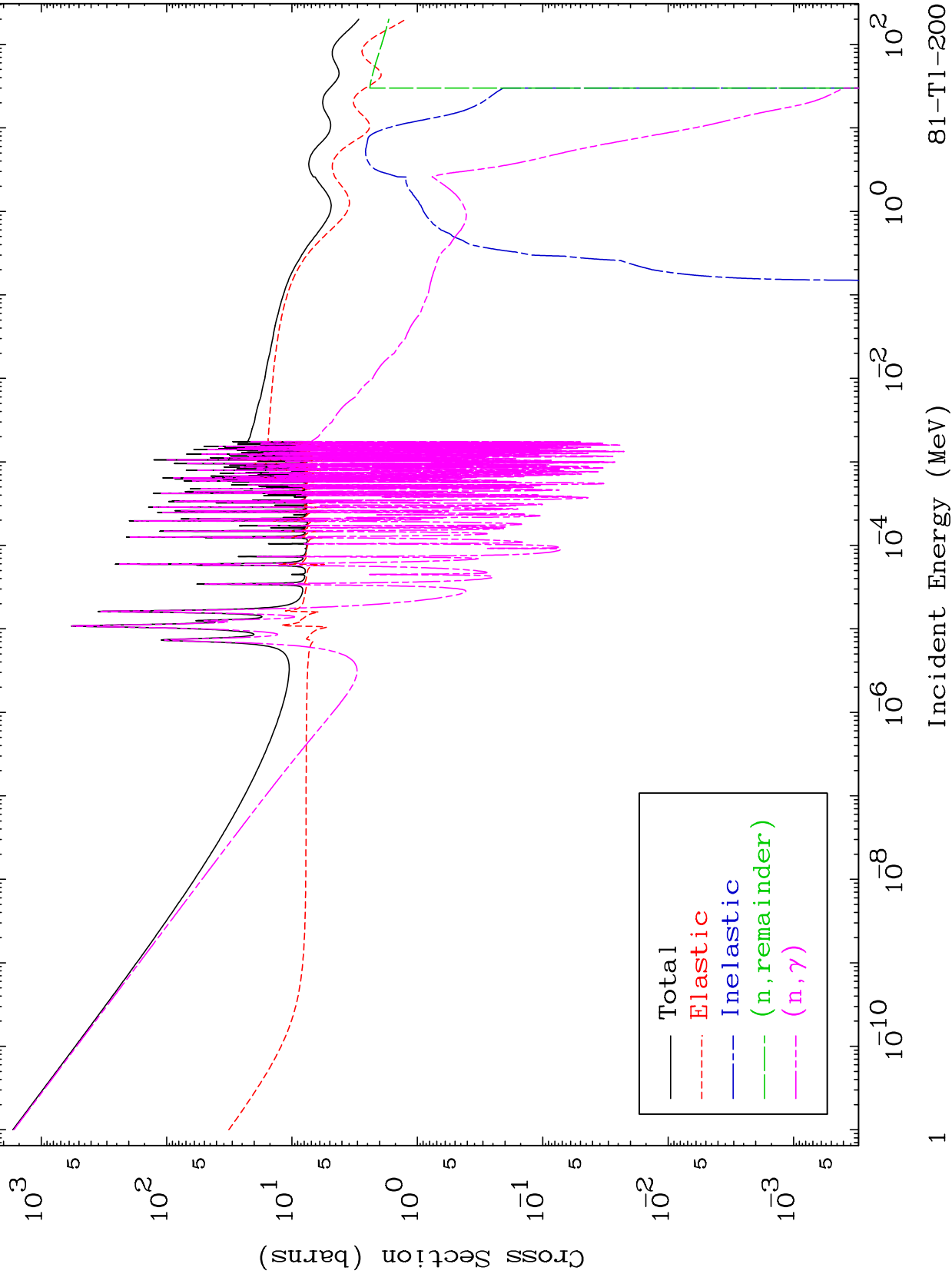
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 81116

Major
293 Kelvin Cross Sections

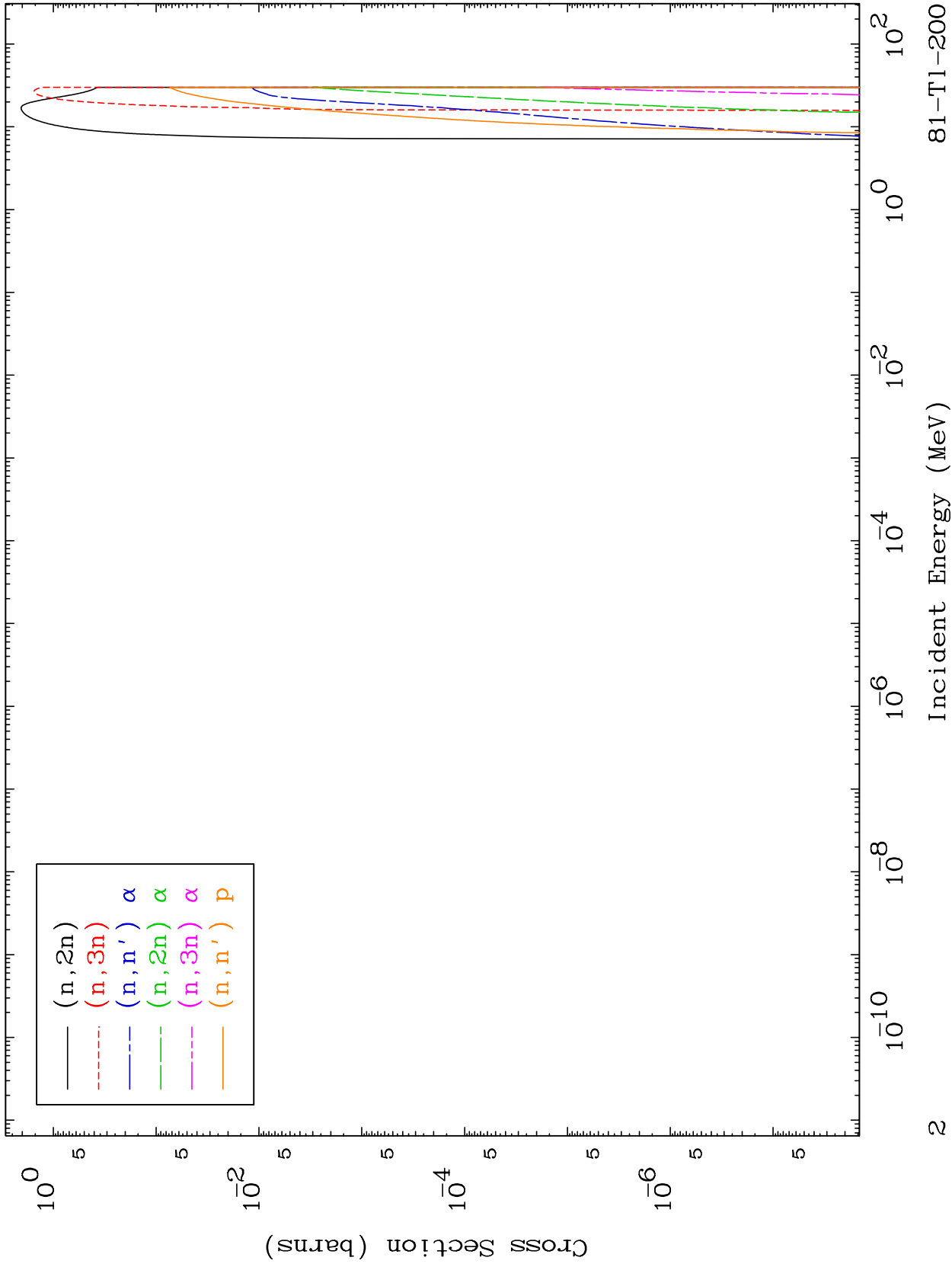
81-Tl-200



MAT 81116

Neutron Production
293 Kelvin Cross Sections

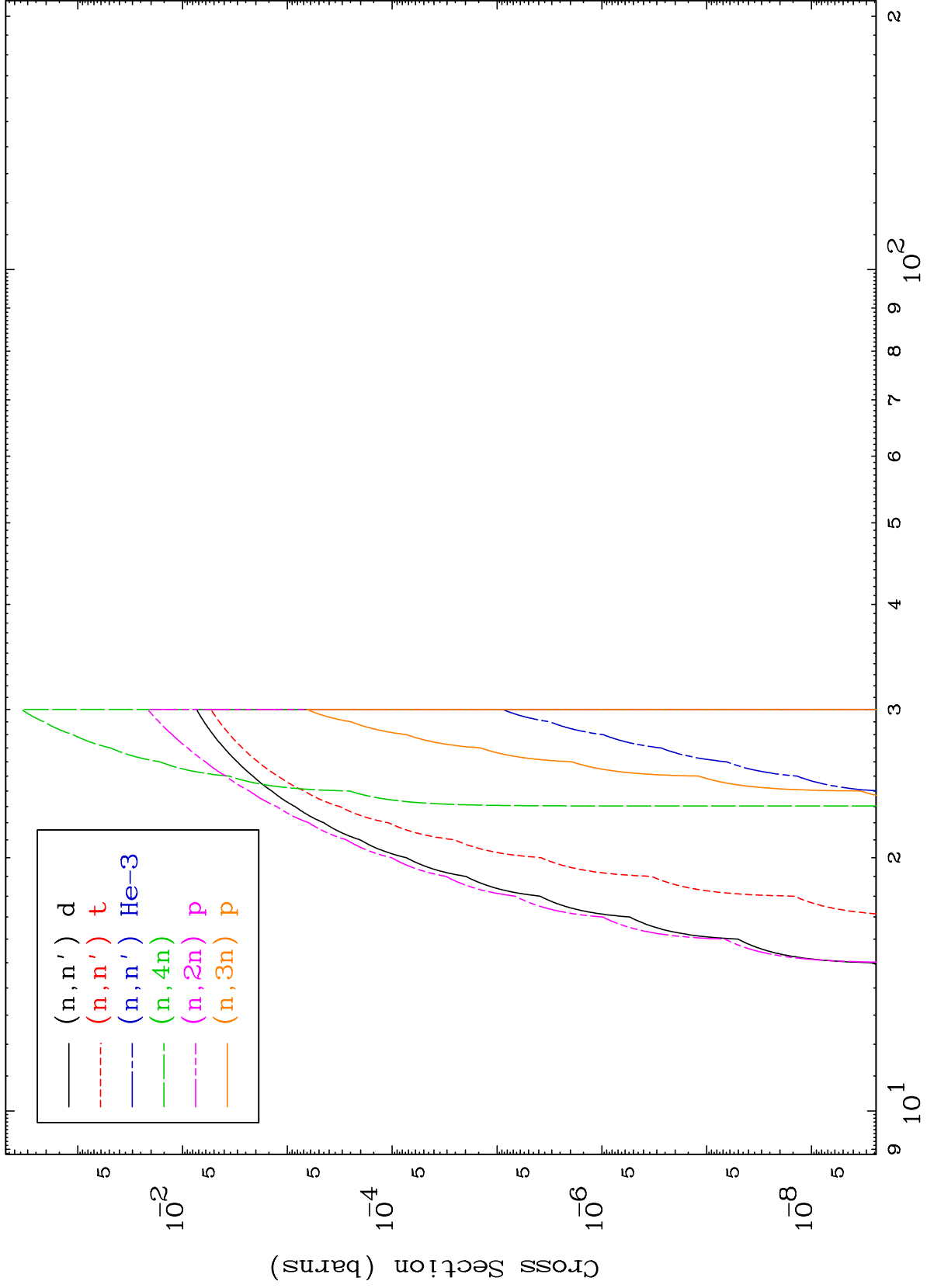
81-Tl-200



MAT 81116

Neutron Production
293 Kelvin Cross Sections

81-Tl-200



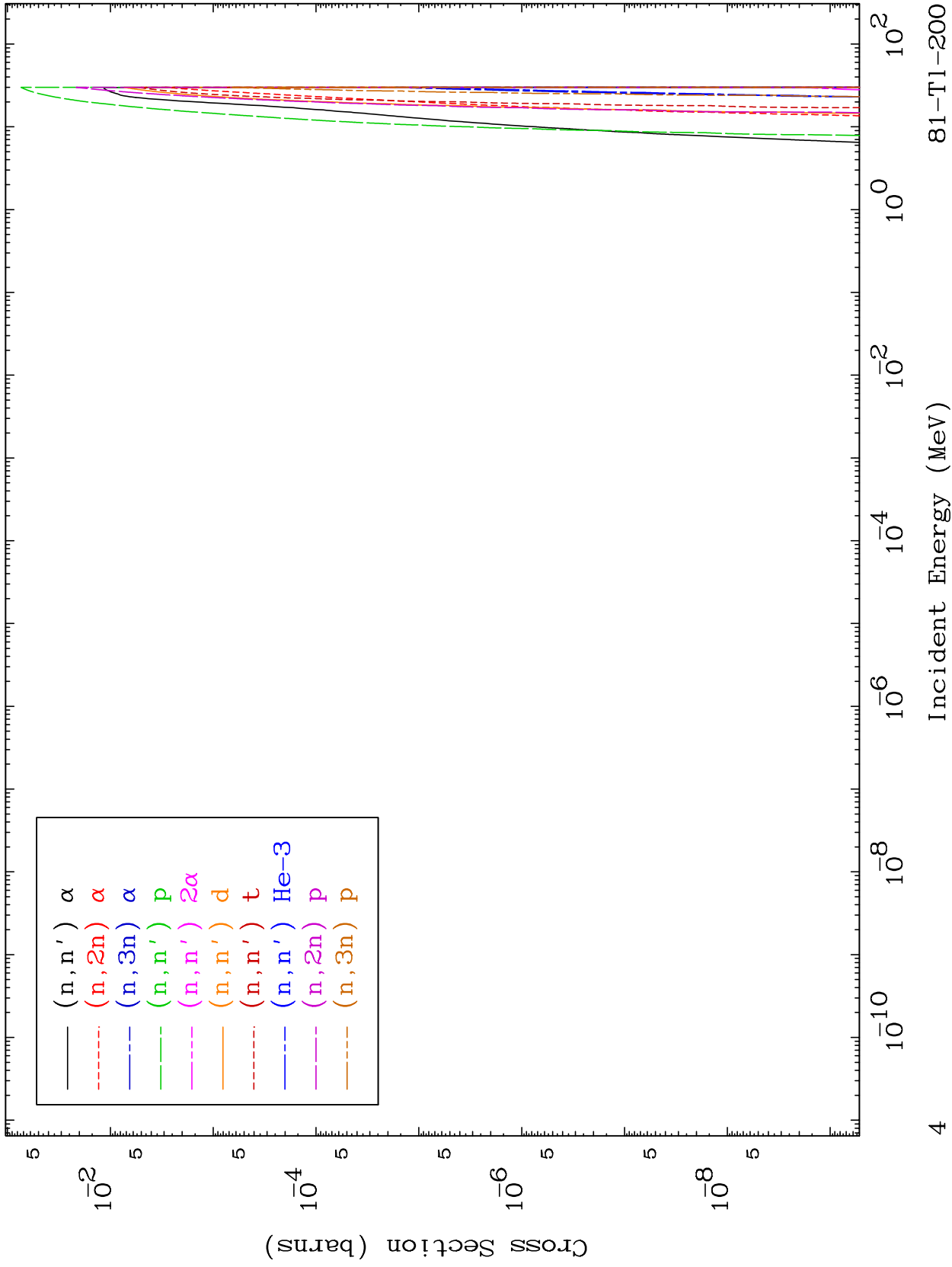
Incident Energy (MeV)

81-Tl-200

MAT 81116

Charged Particle
293 Kelvin Cross Sections

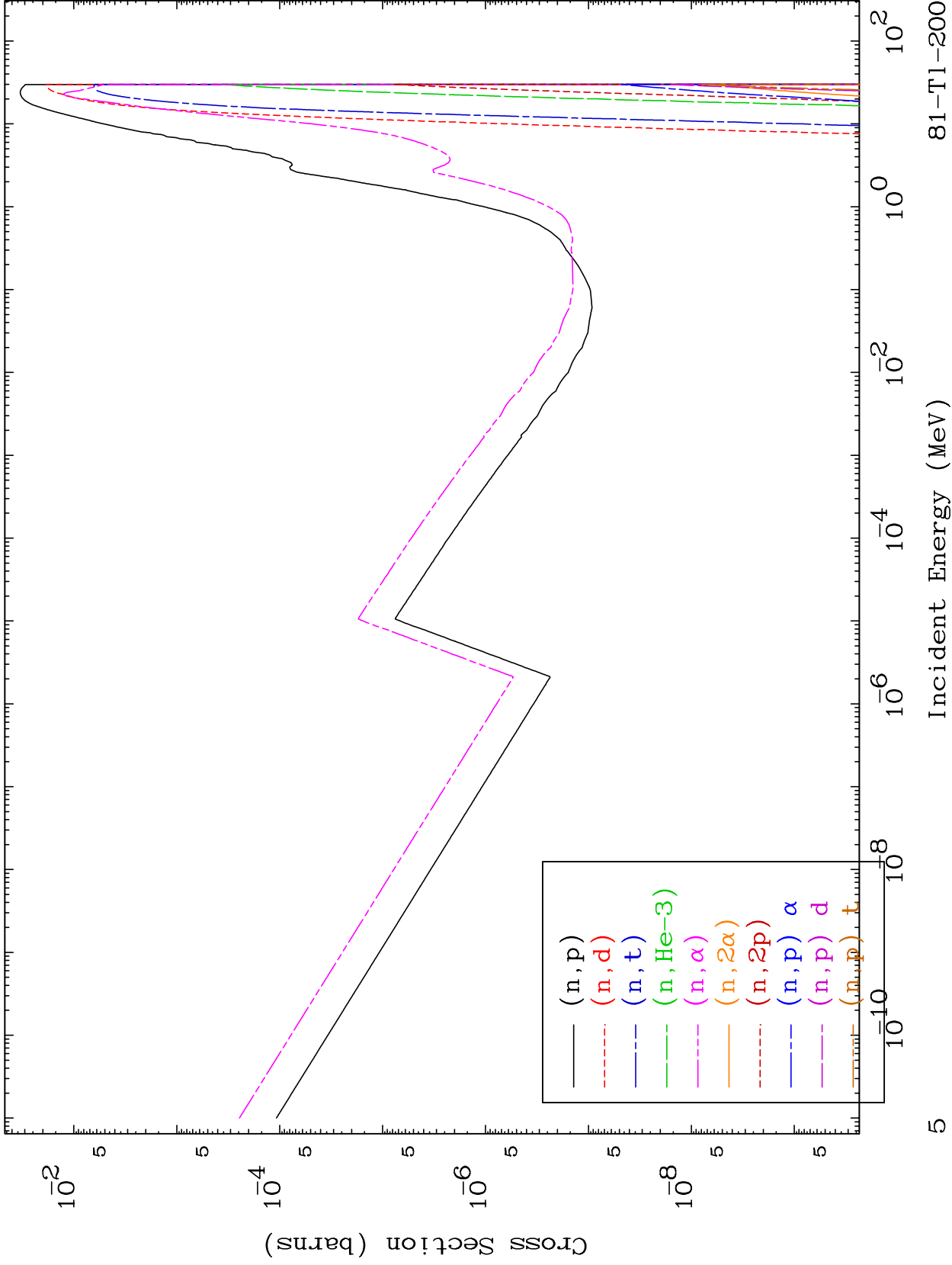
81-Tl-200

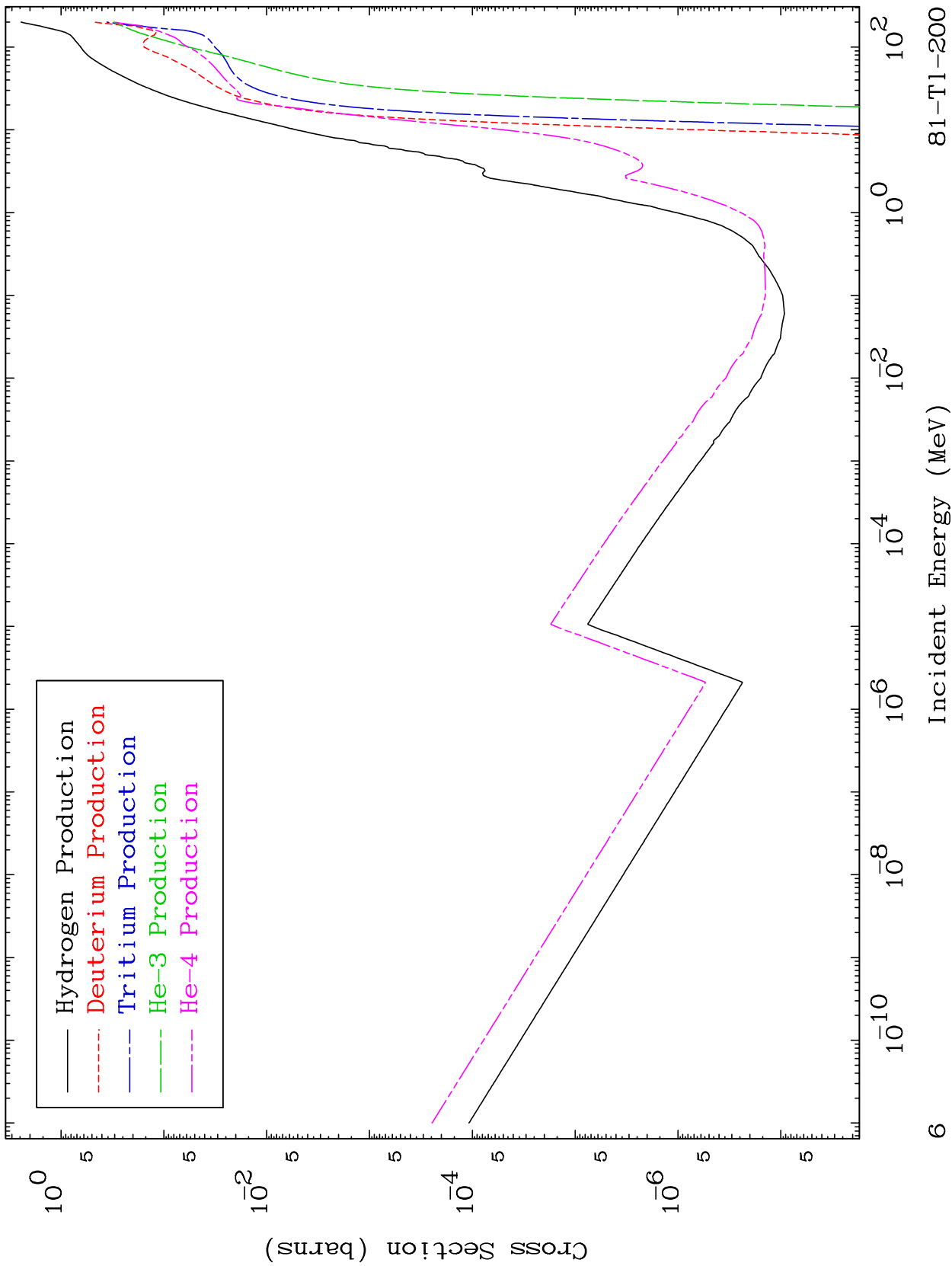


MAT 81116

Charged Particle
293 Kelvin Cross Sections

81-Tl-200



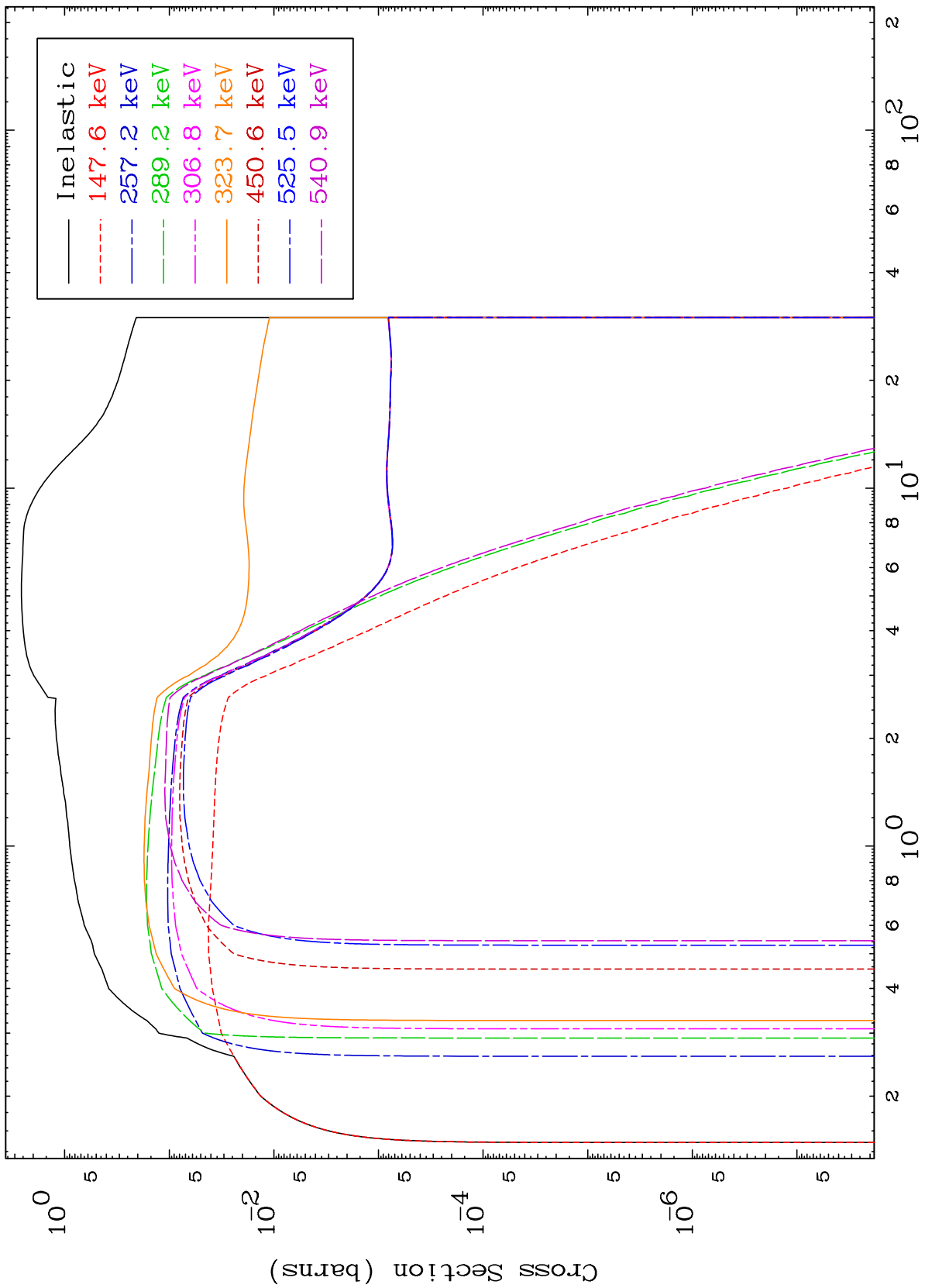


MAT 81116

(n,n') Level

81-Tl-200

293 Kelvin Cross Sections

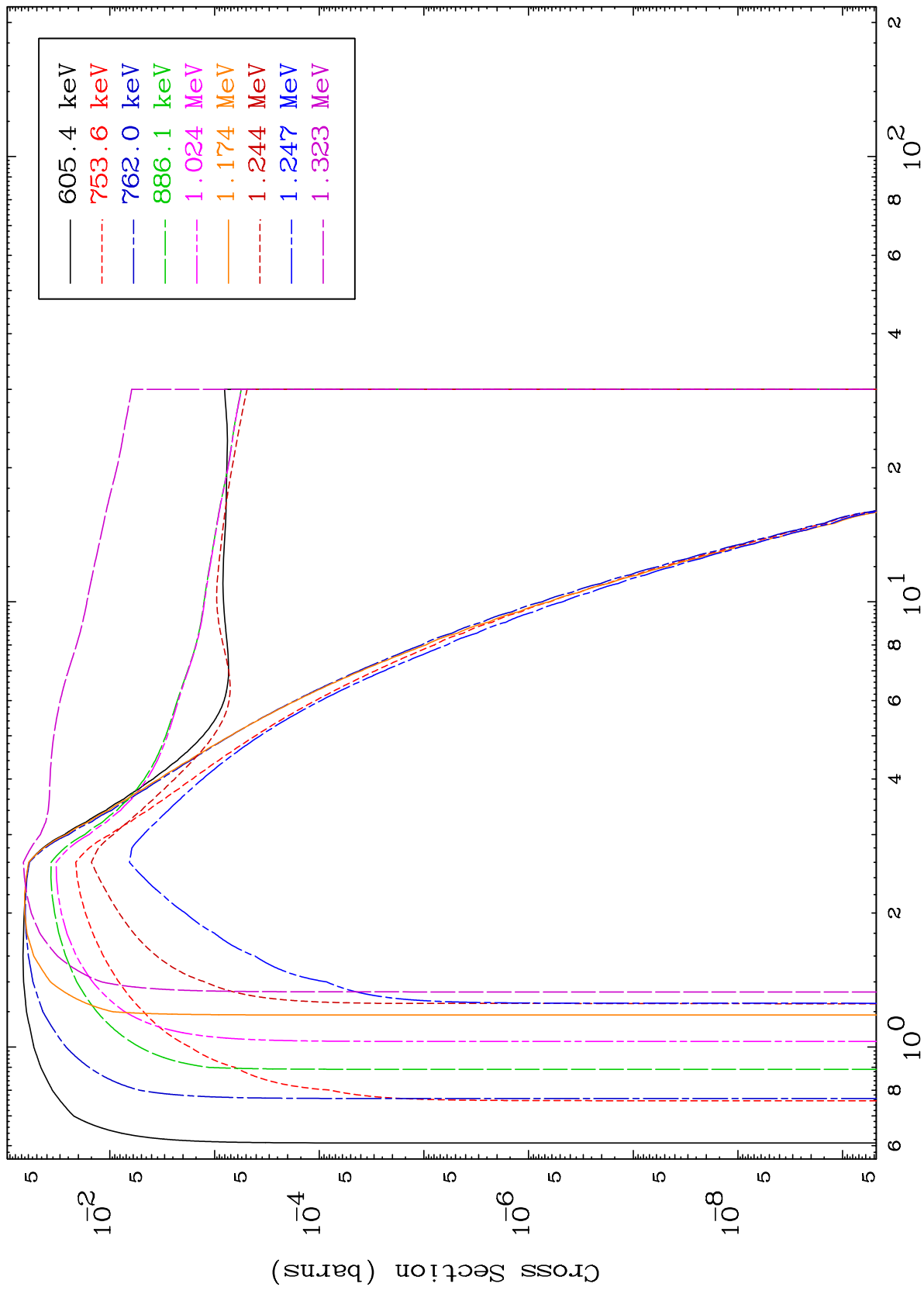


MAT 8116

(n,n') Level

81-Tl-200

293 Kelvin Cross Sections



8

Incident Energy (MeV)

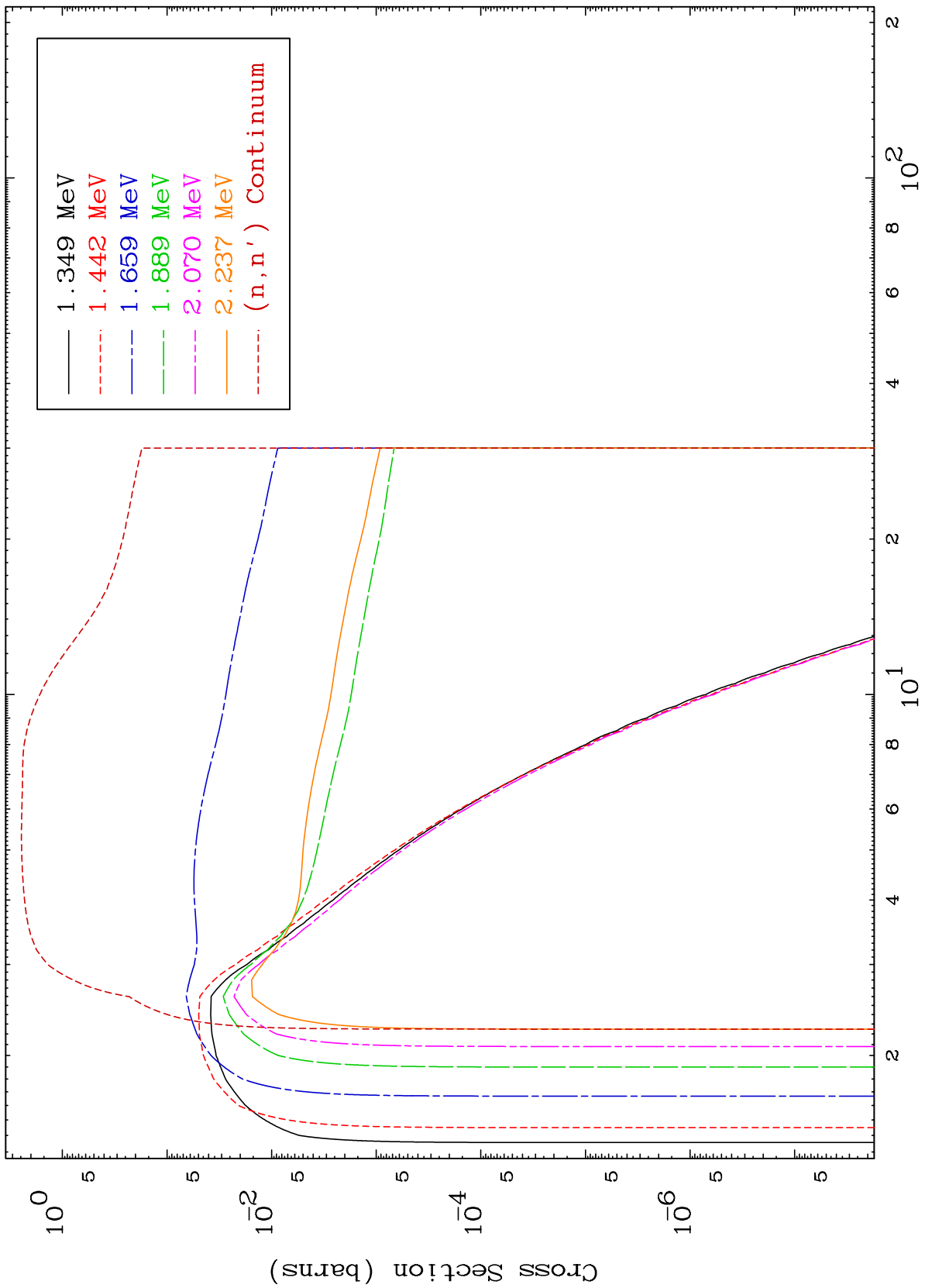
81-Tl-200

MAT 81116

(n,n') Level

81-Tl-200

293 Kelvin Cross Sections



9

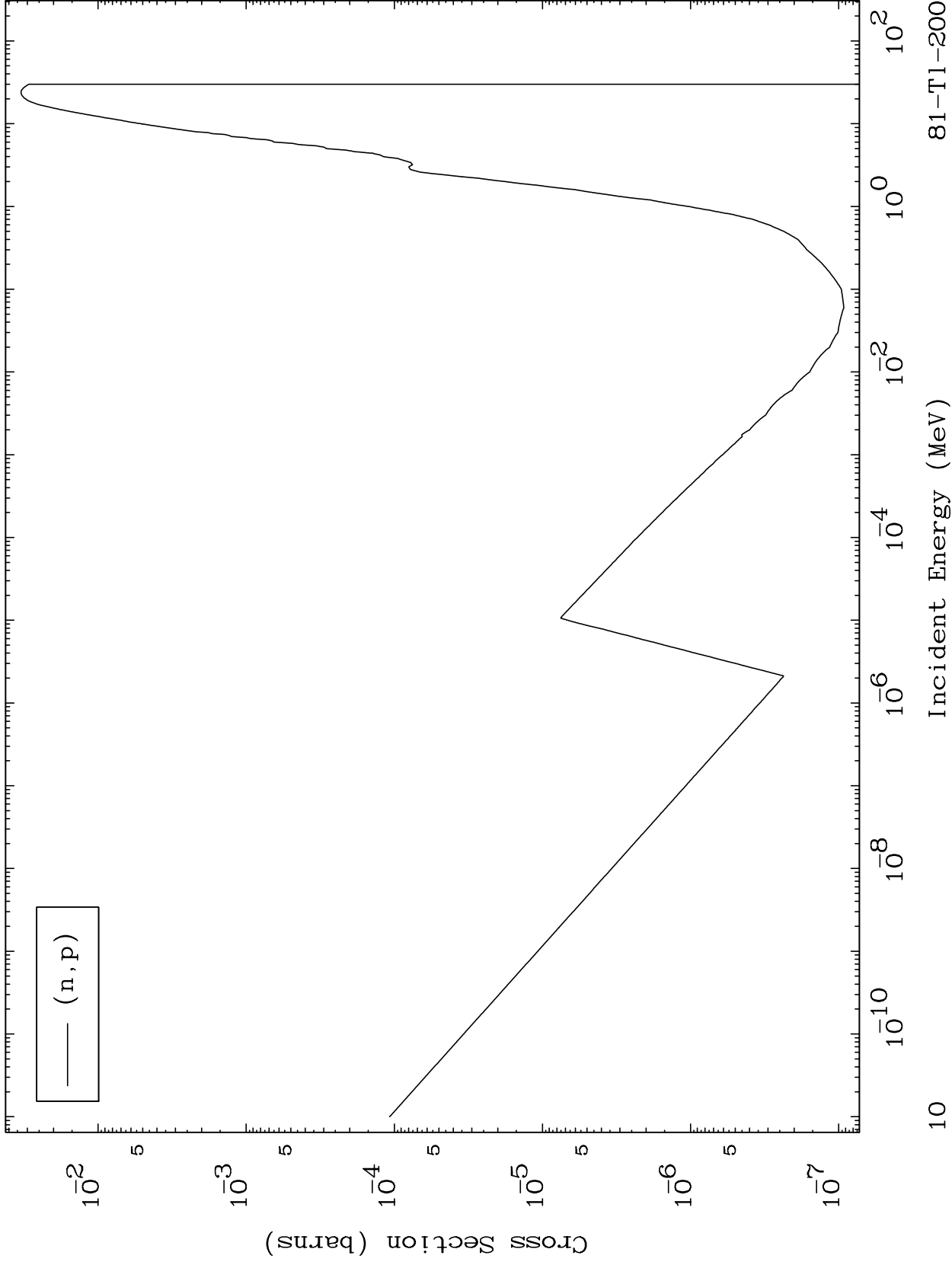
Incident Energy (MeV)

81-Tl-200

MAT 81116

(n,p) Levels
293 Kelvin Cross Sections

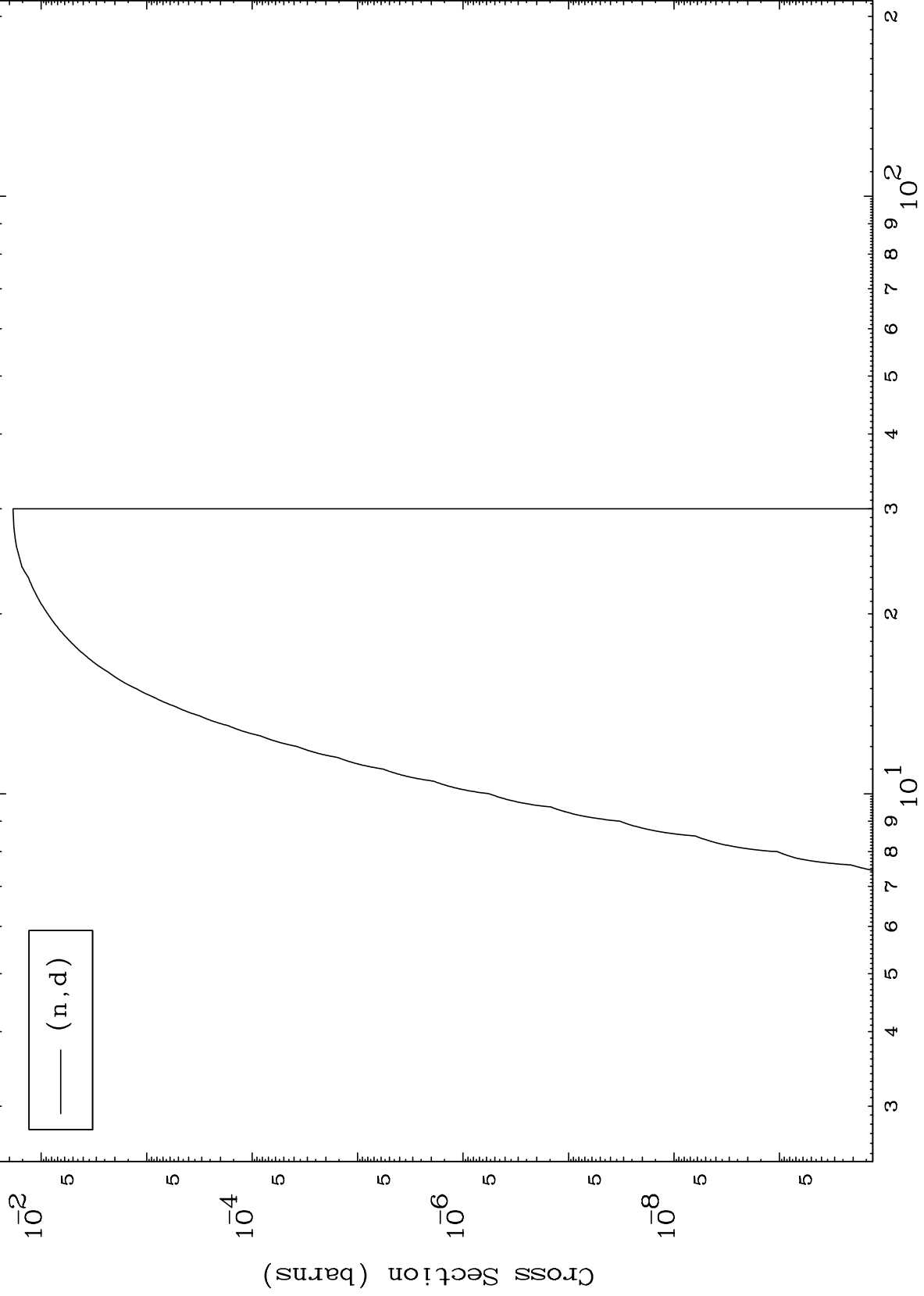
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MAT 81116

(n,d) Levels
293 Kelvin Cross Sections

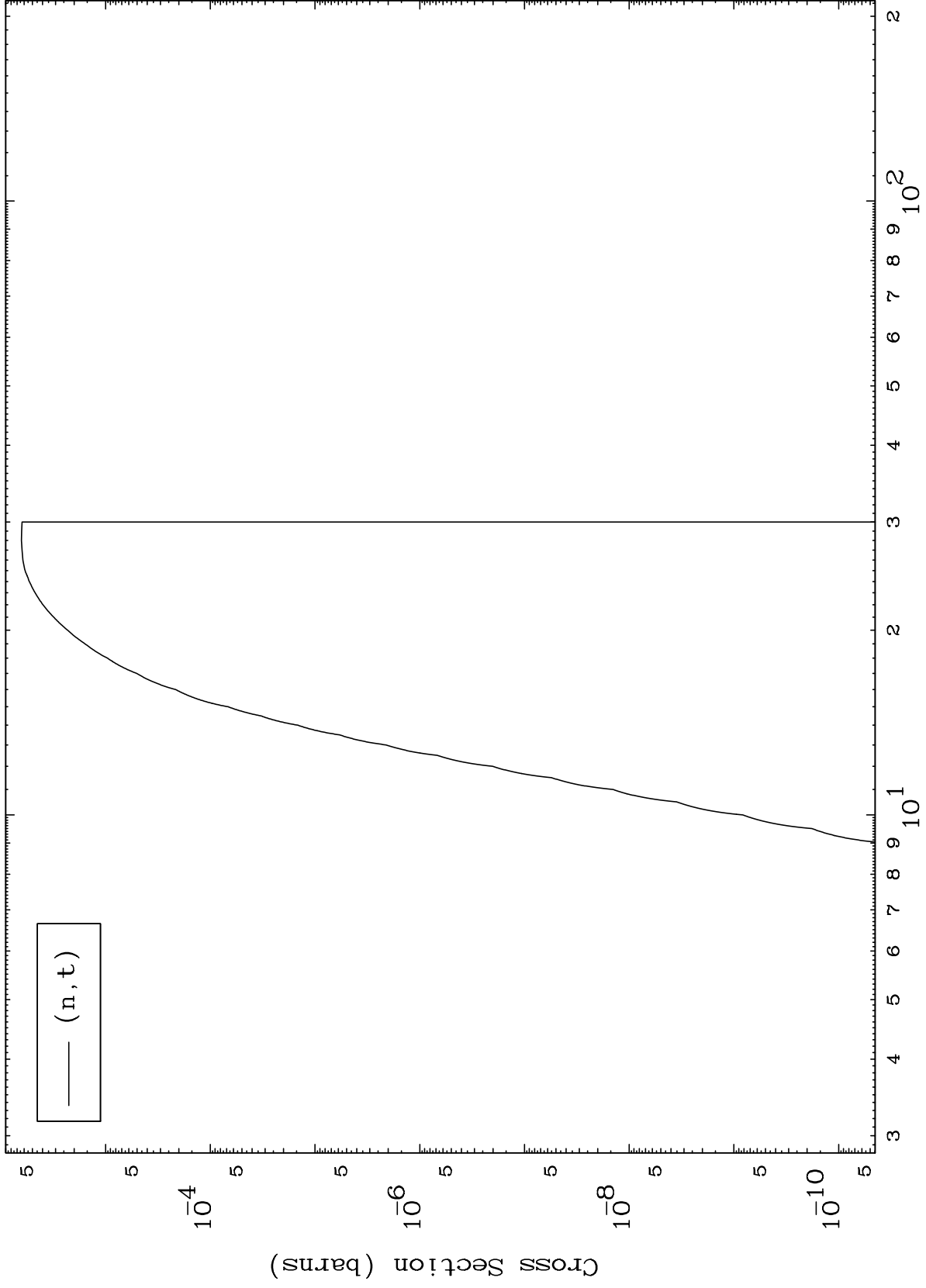
81-Tl-200



MAT 81116

(n,t) Levels
293 Kelvin Cross Sections

81-Tl-200



12

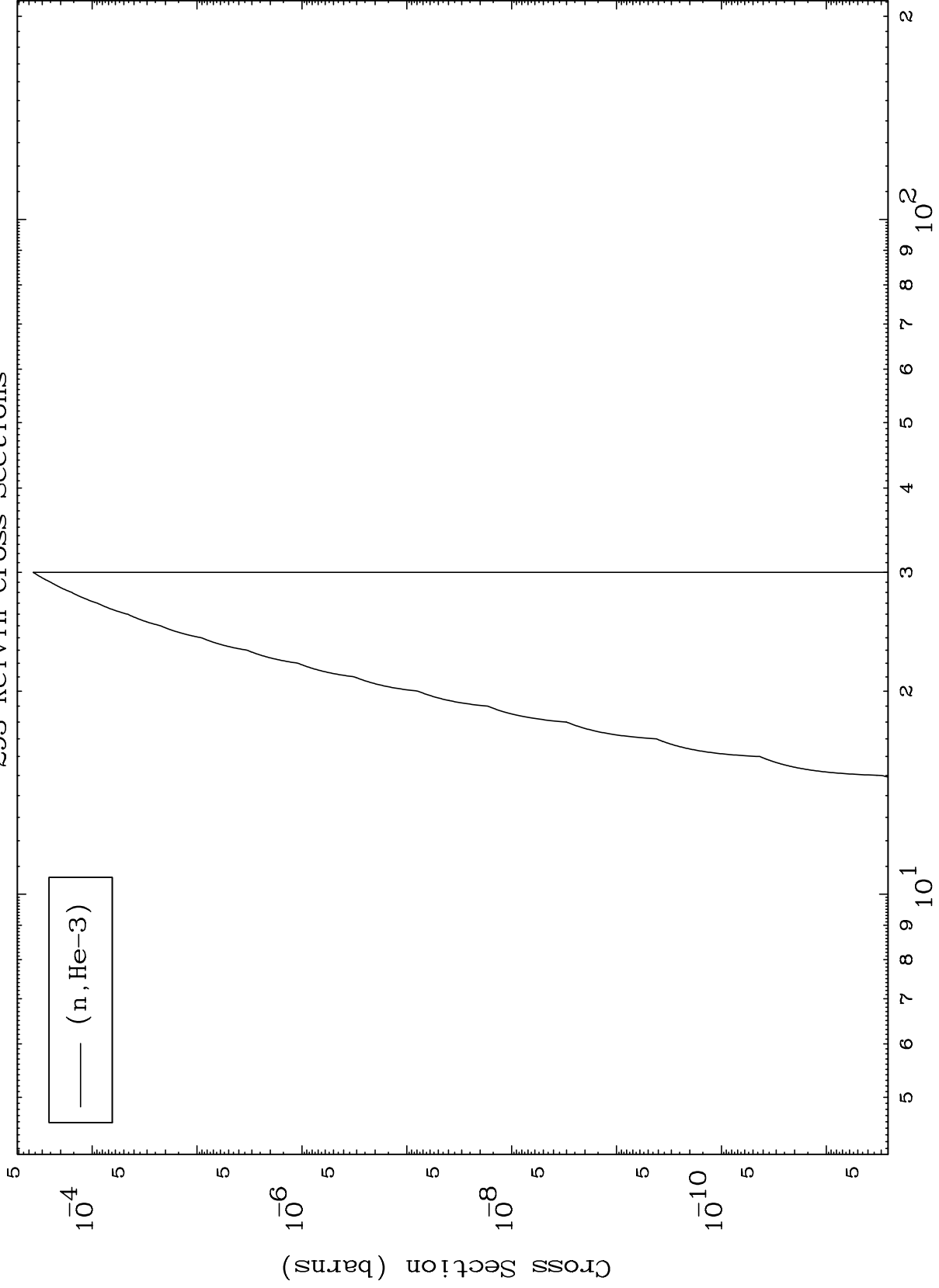
Incident Energy (MeV)

81-Tl-200

MAT 81116

(n,He3) Levels
293 Kelvin Cross Sections

81-T1-200



13

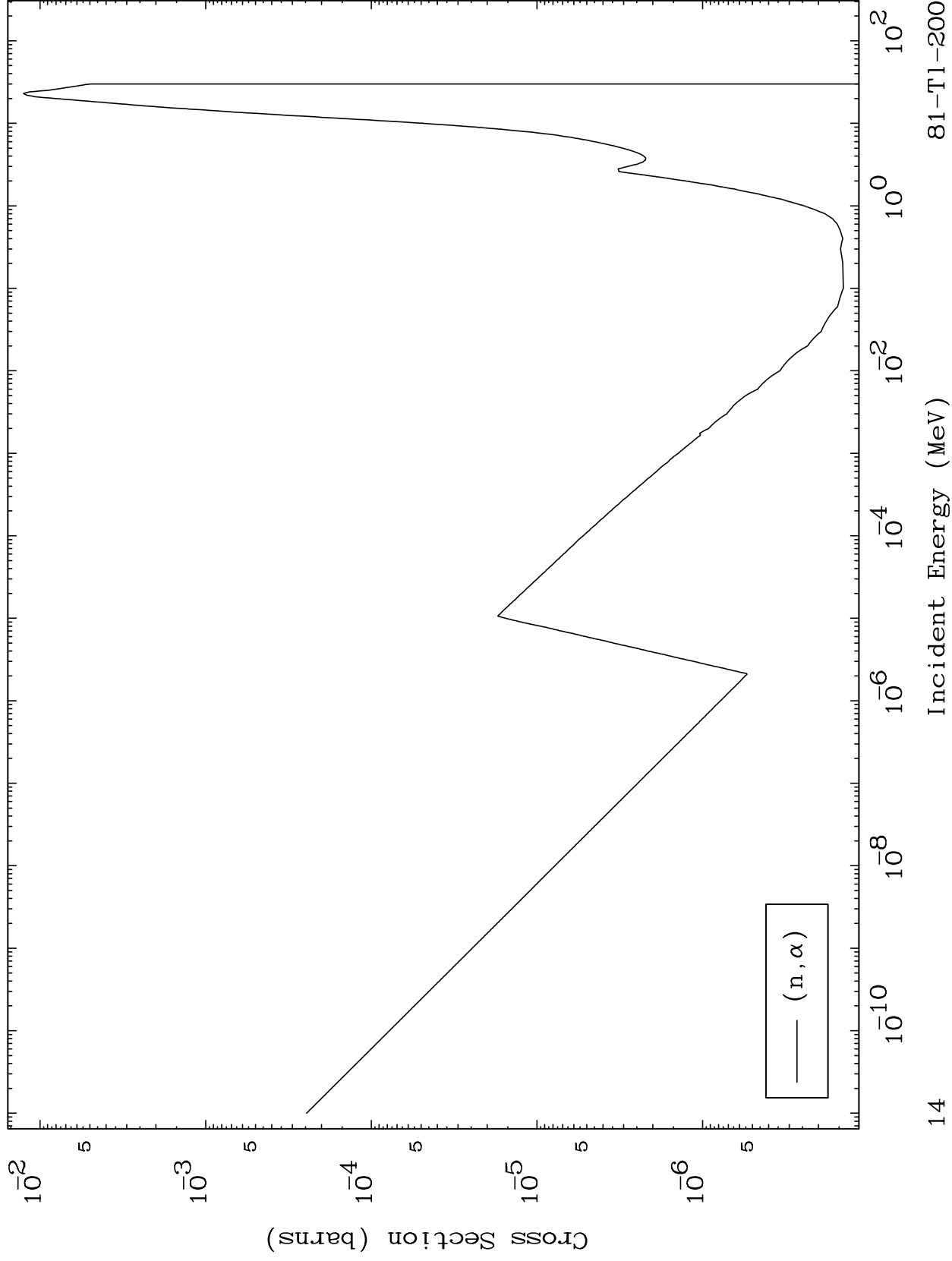
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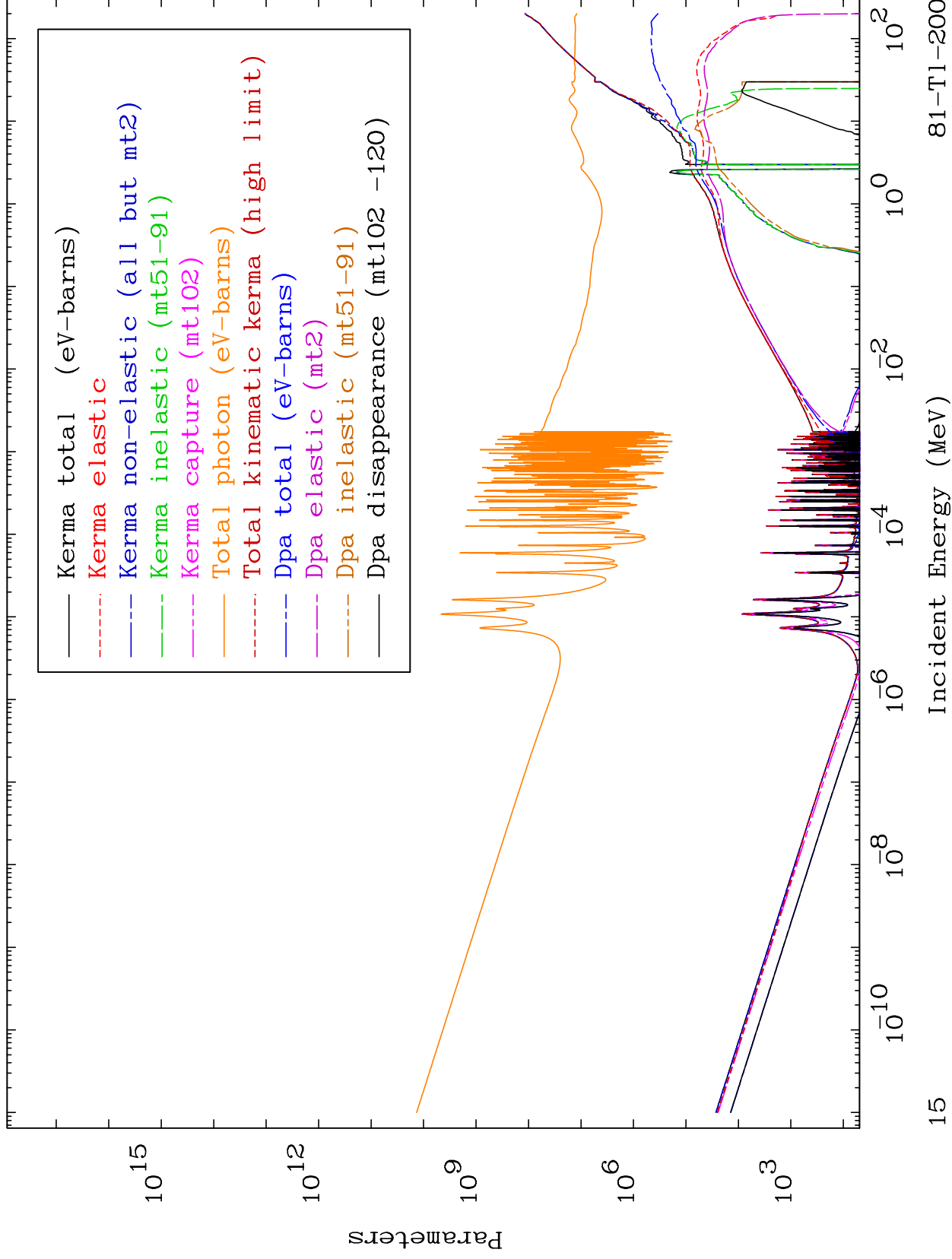
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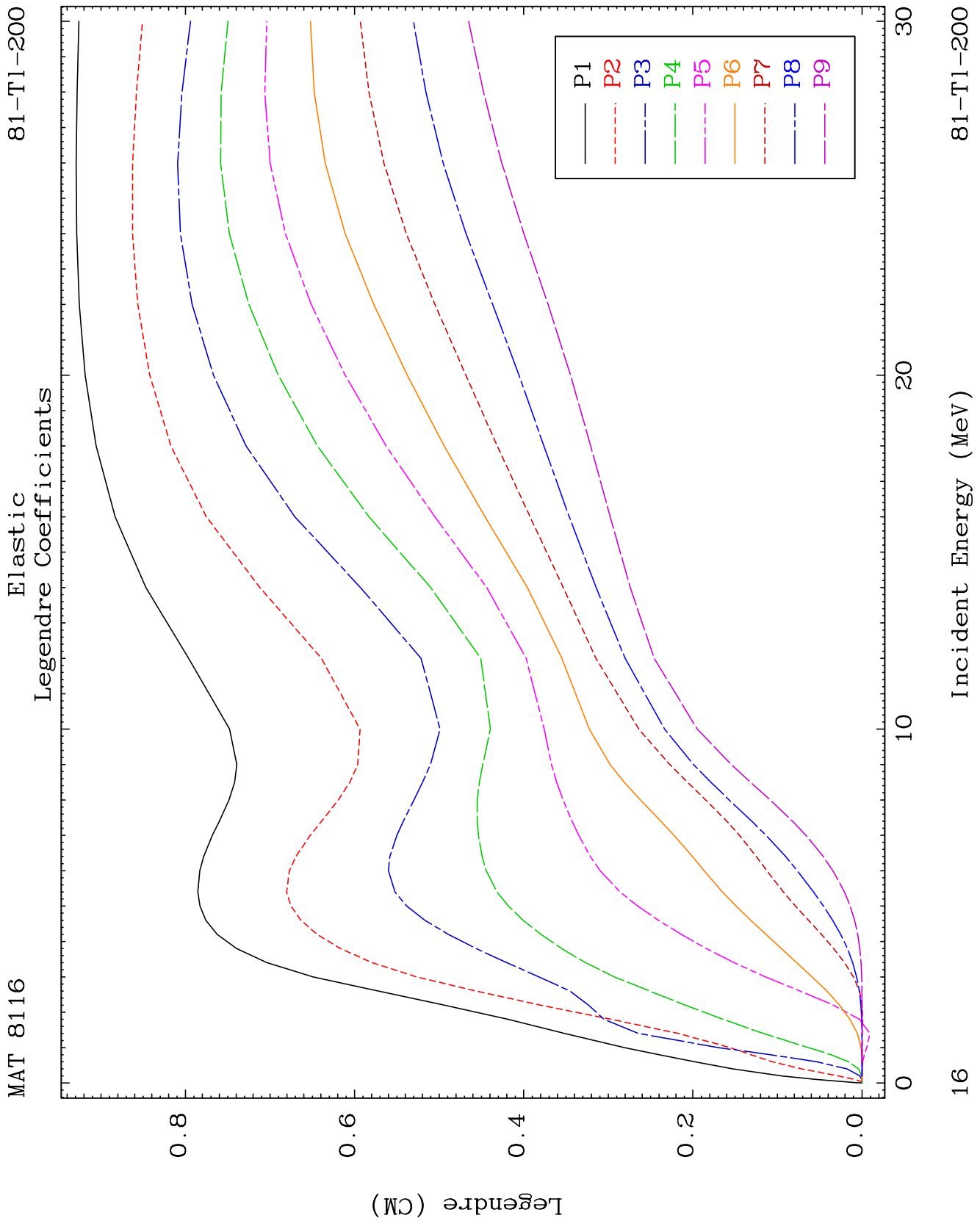
MAT 81116

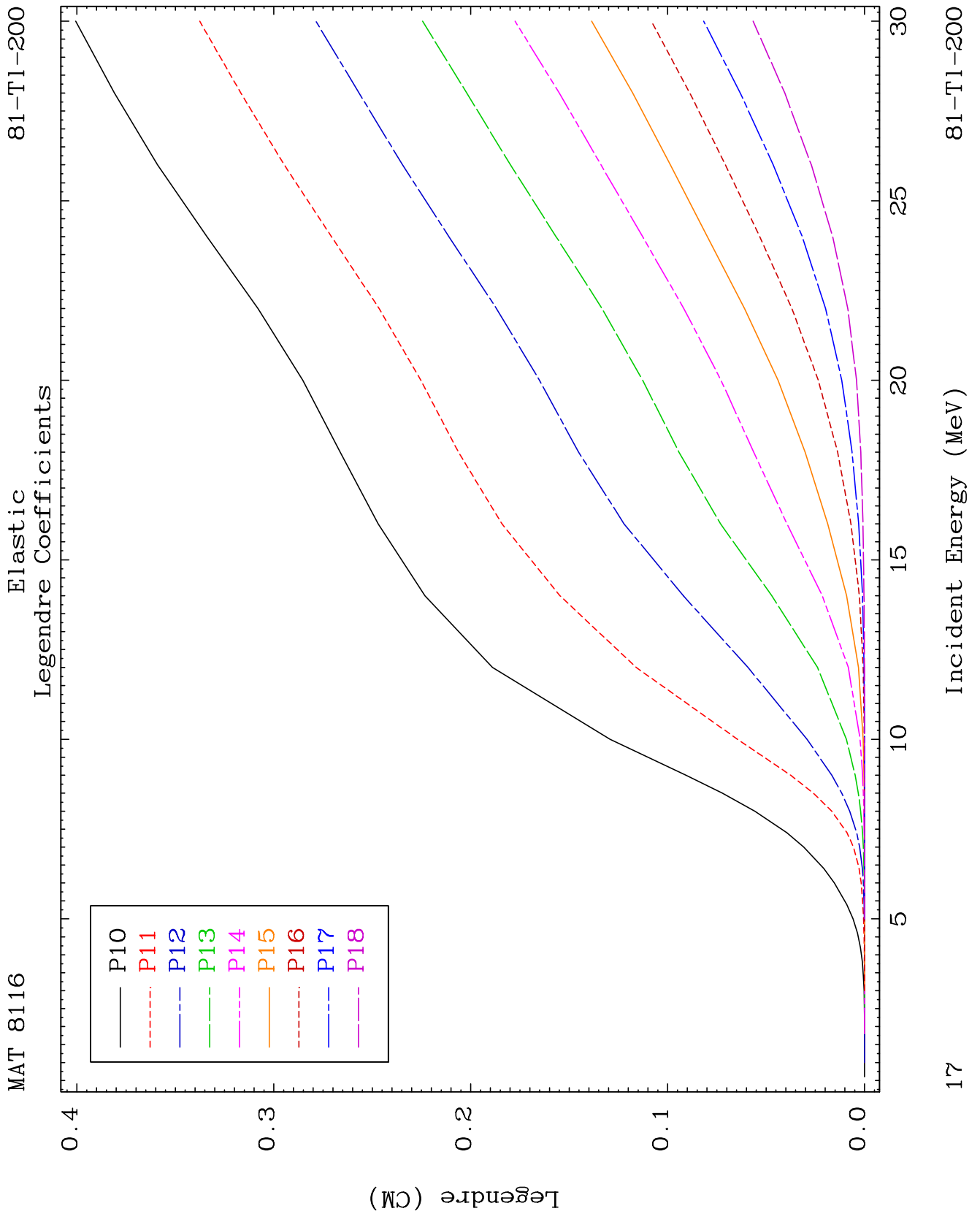
(n, α) Levels
293 Kelvin Cross Sections

81-Tl-200





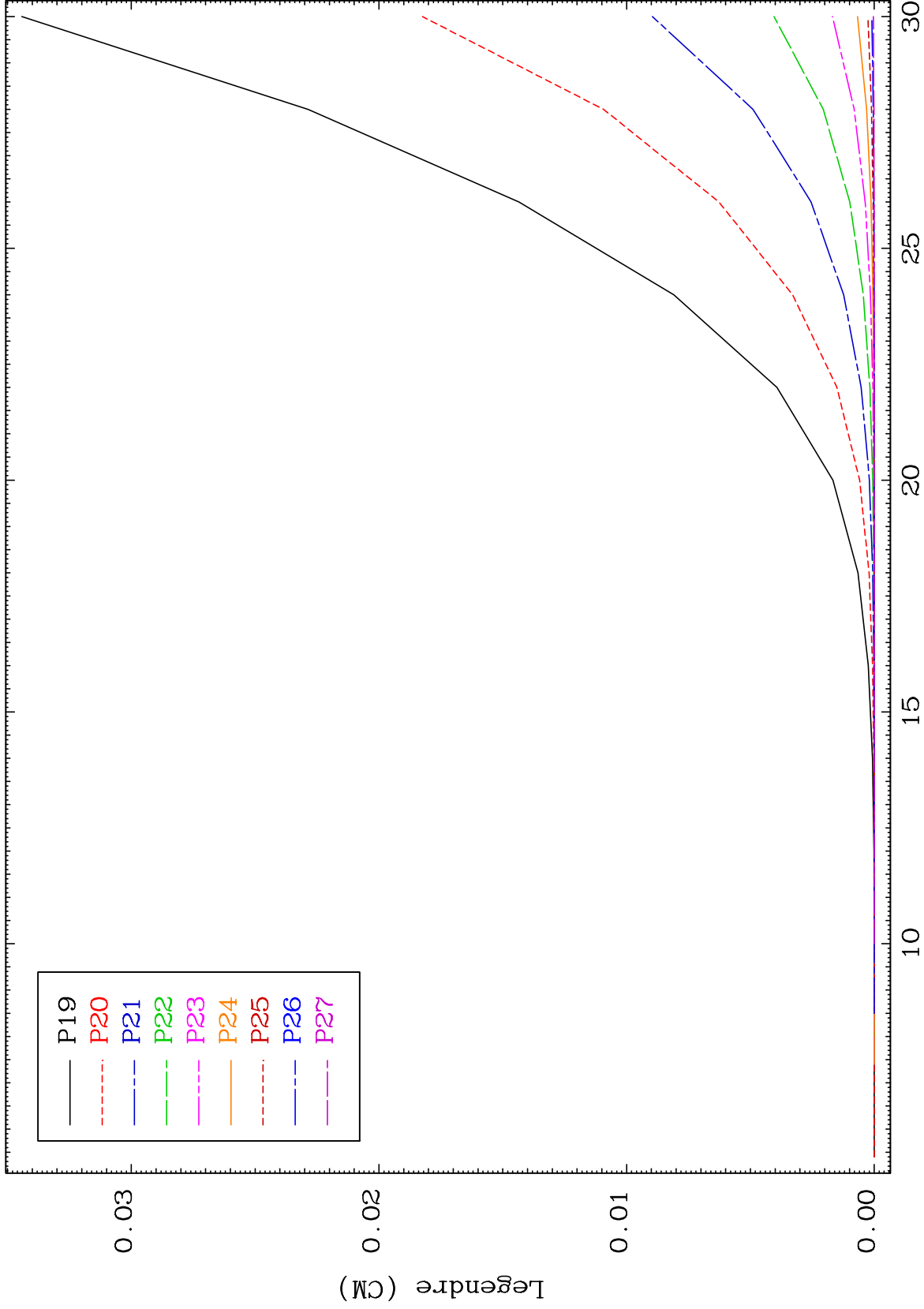




MAT 8116

Elastic Legendre Coefficients

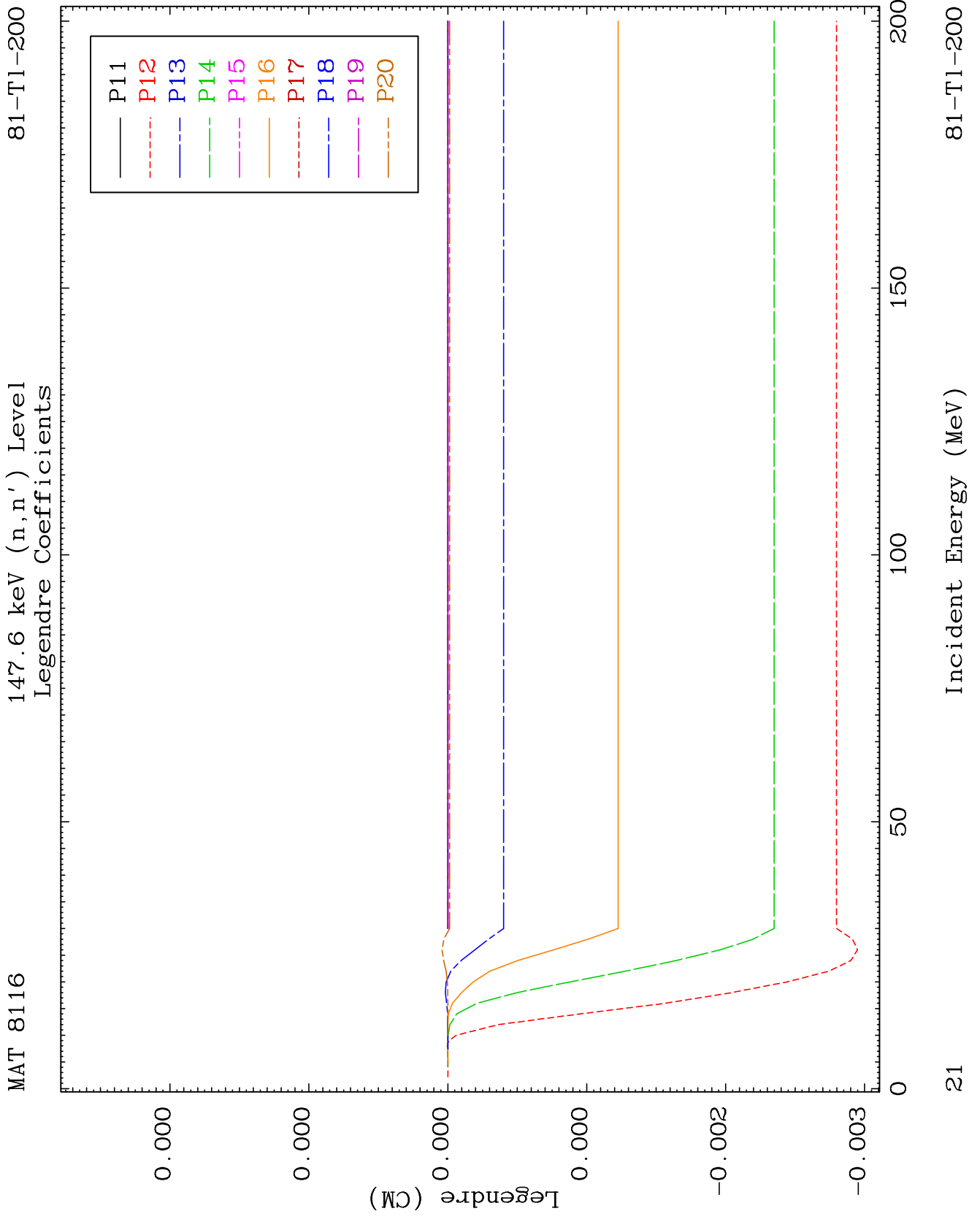
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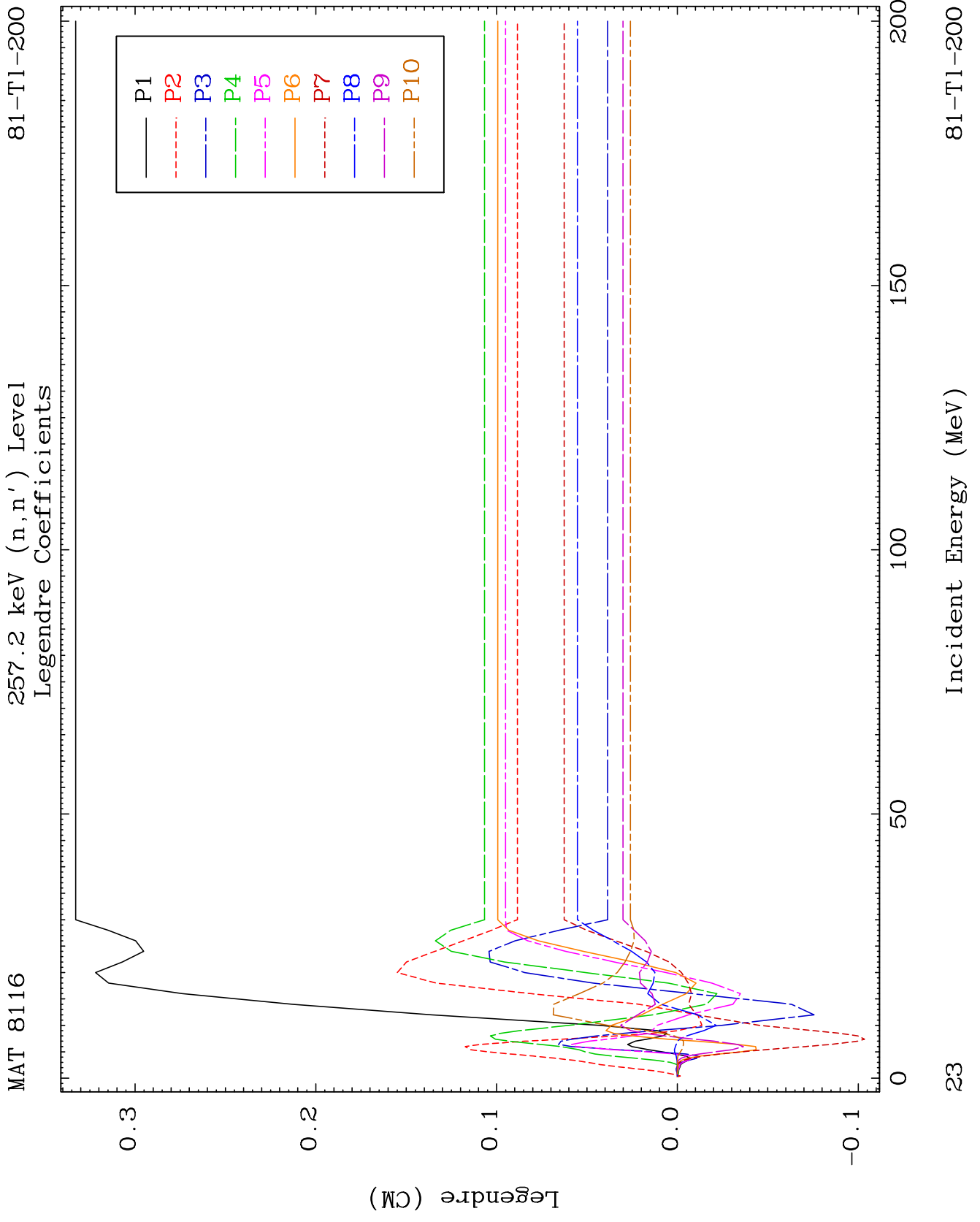


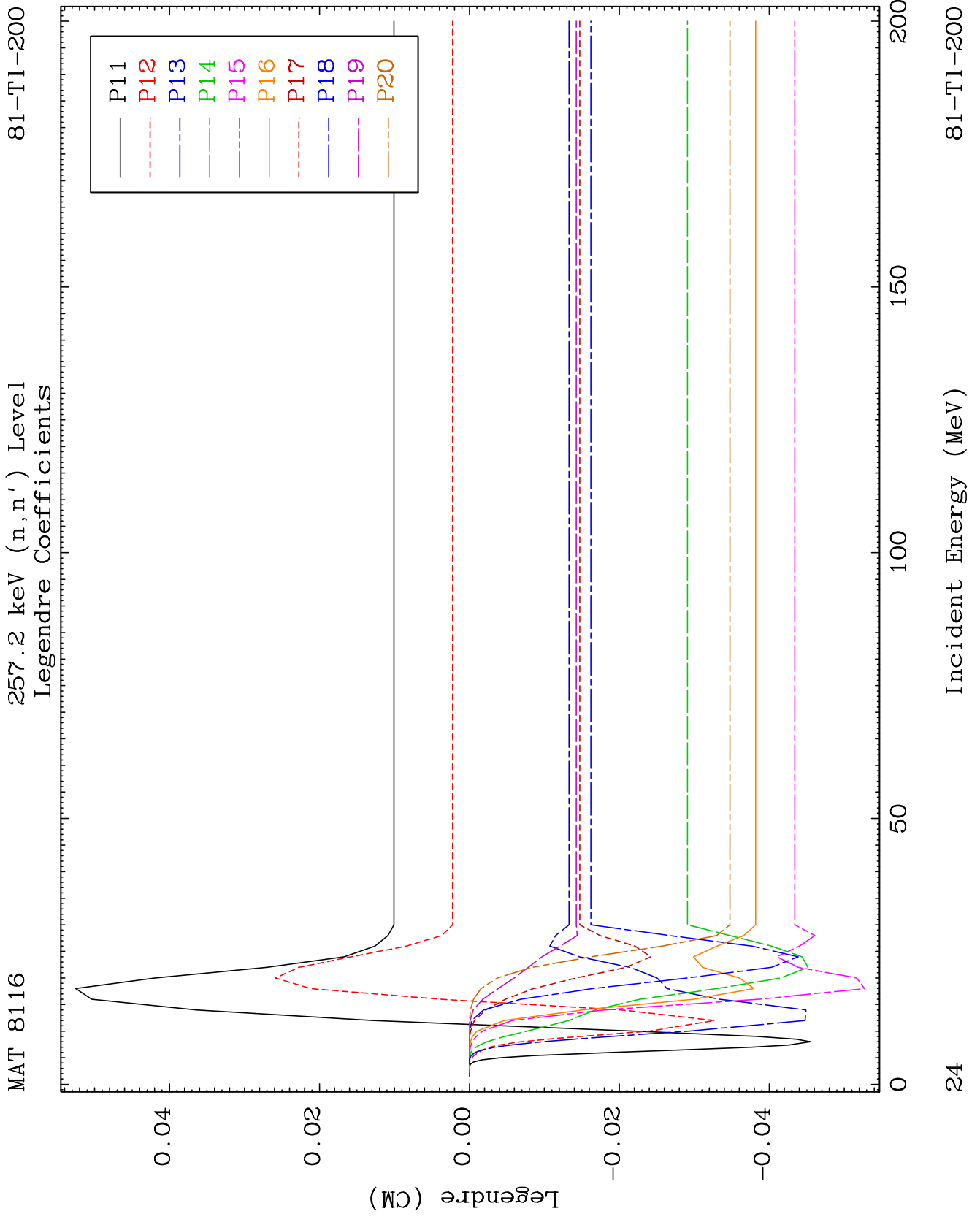
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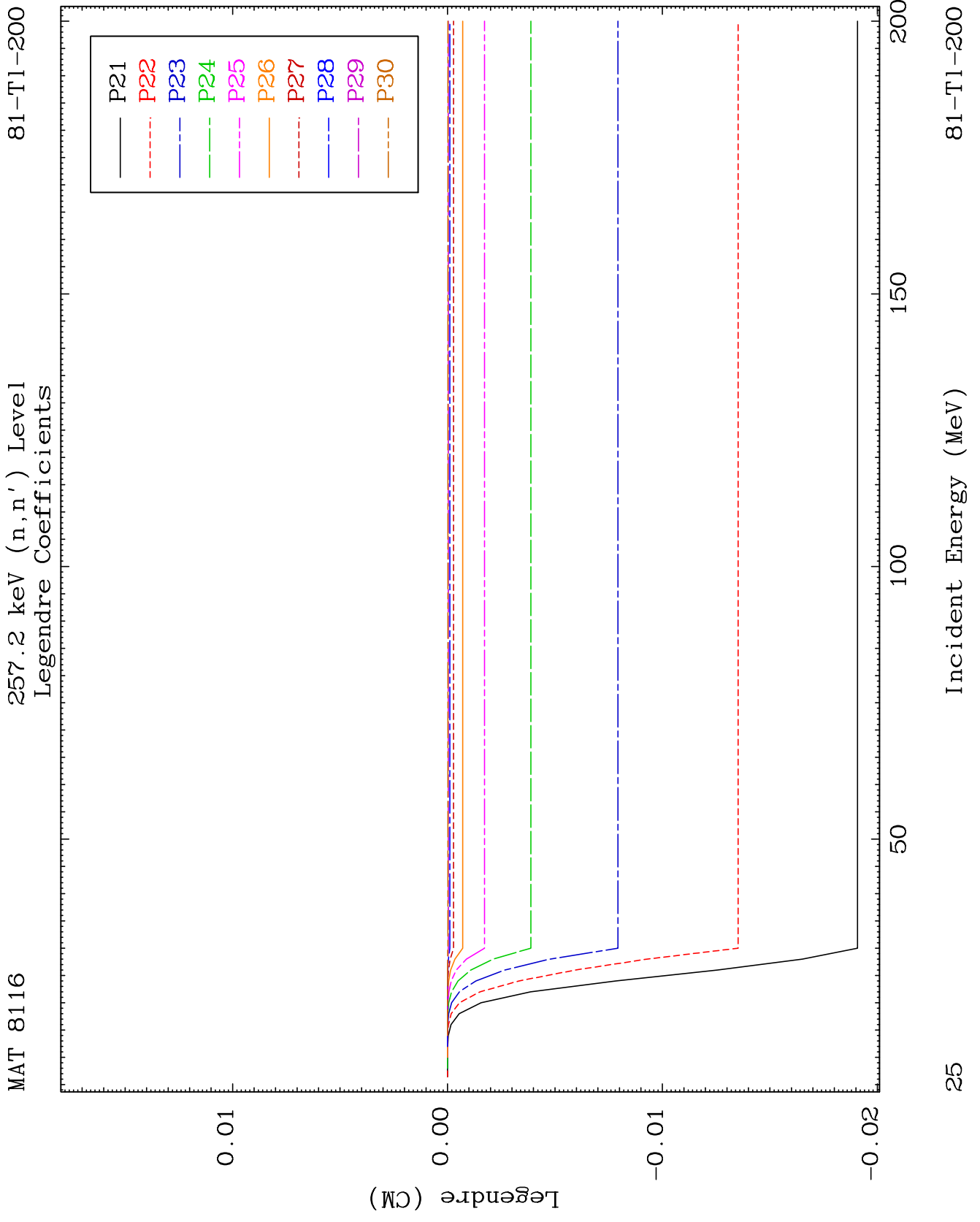
Incident Energy (MeV)

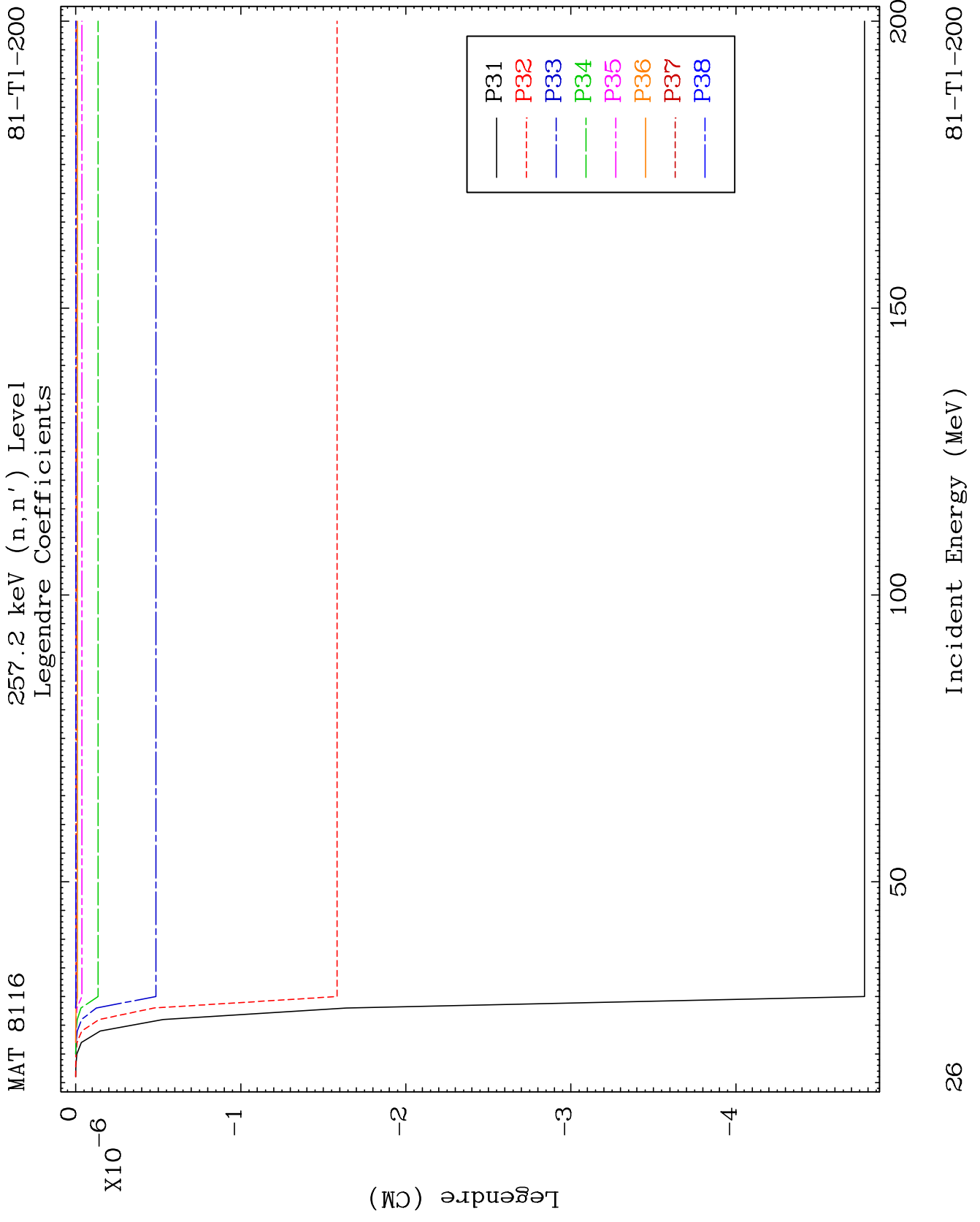
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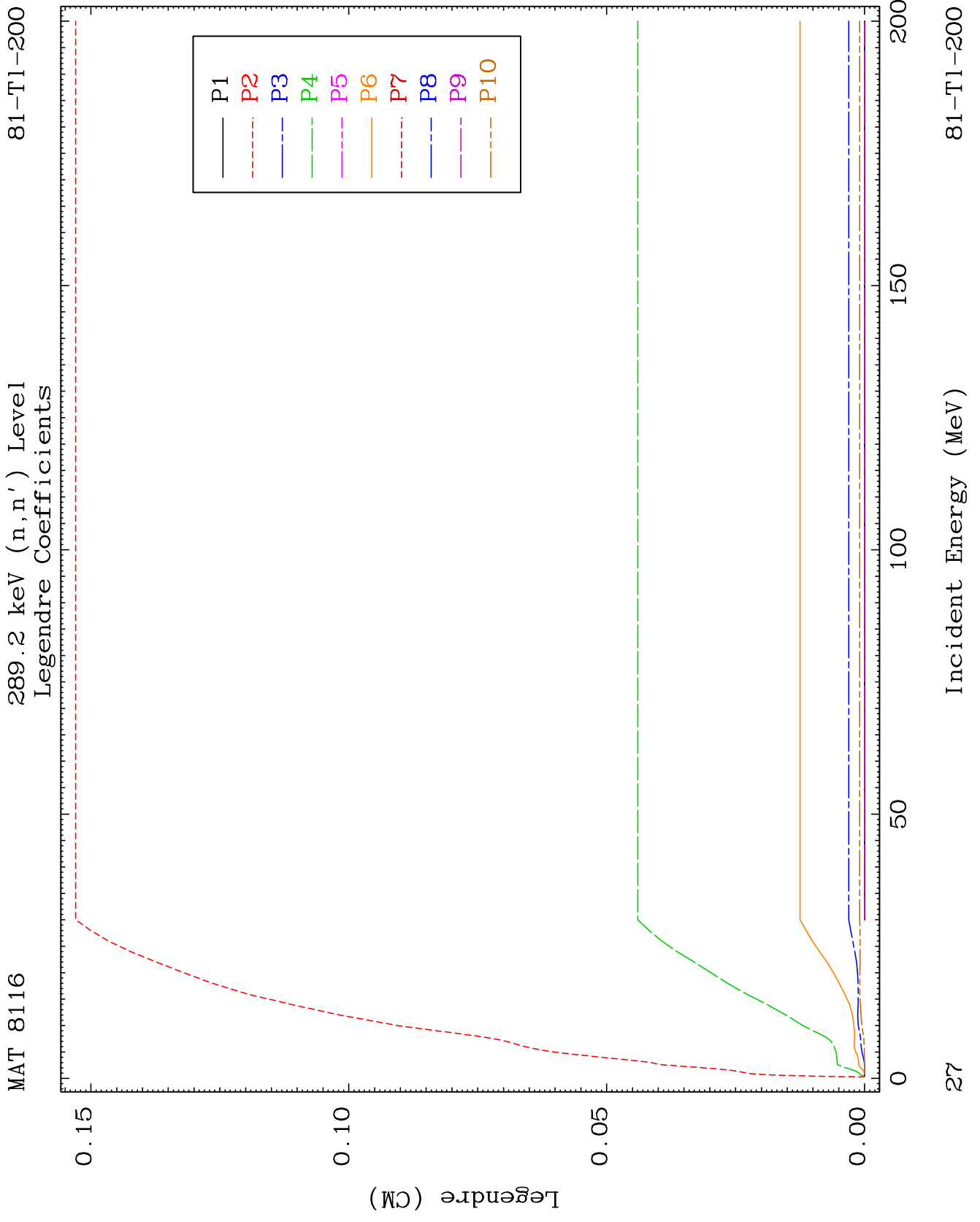


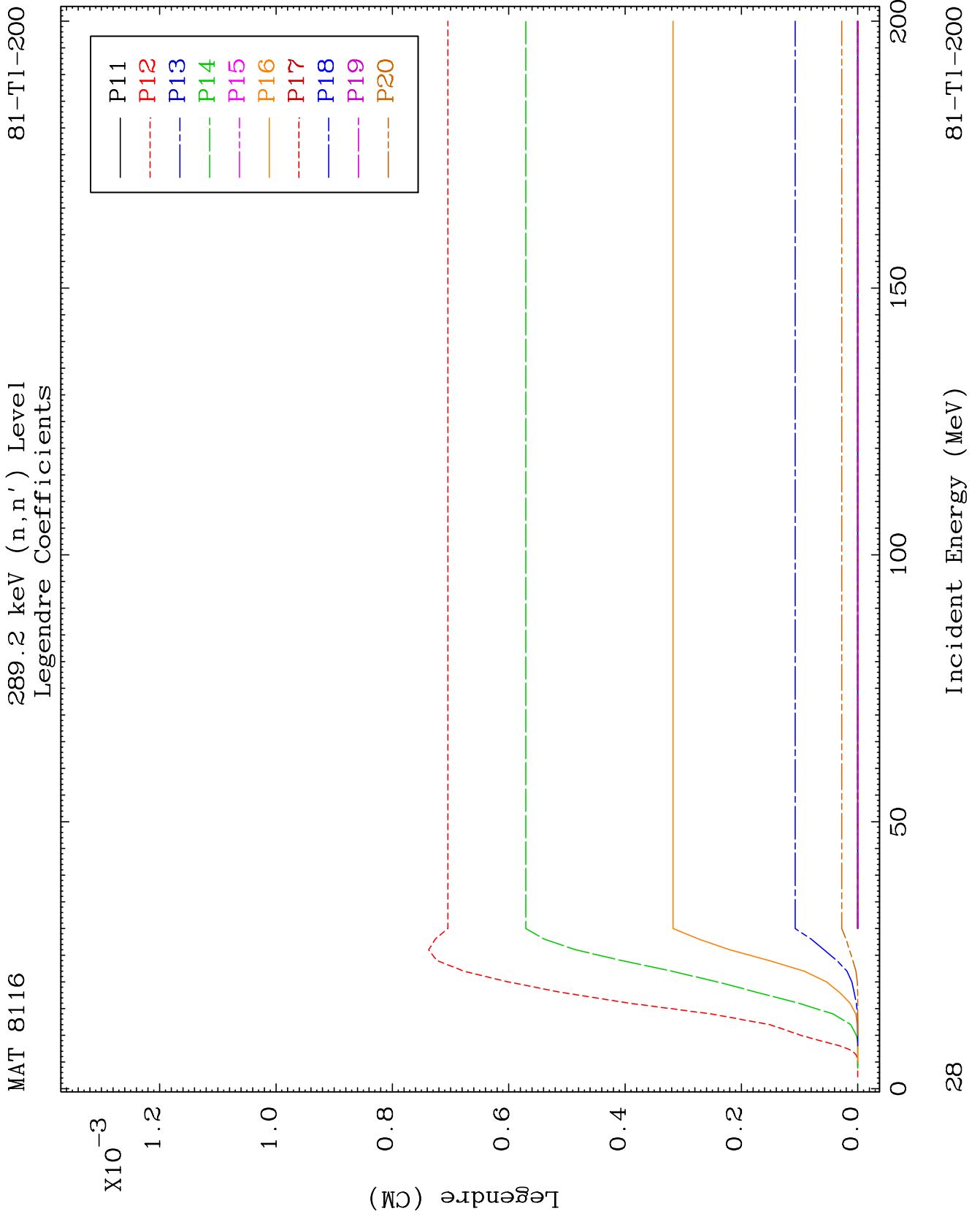


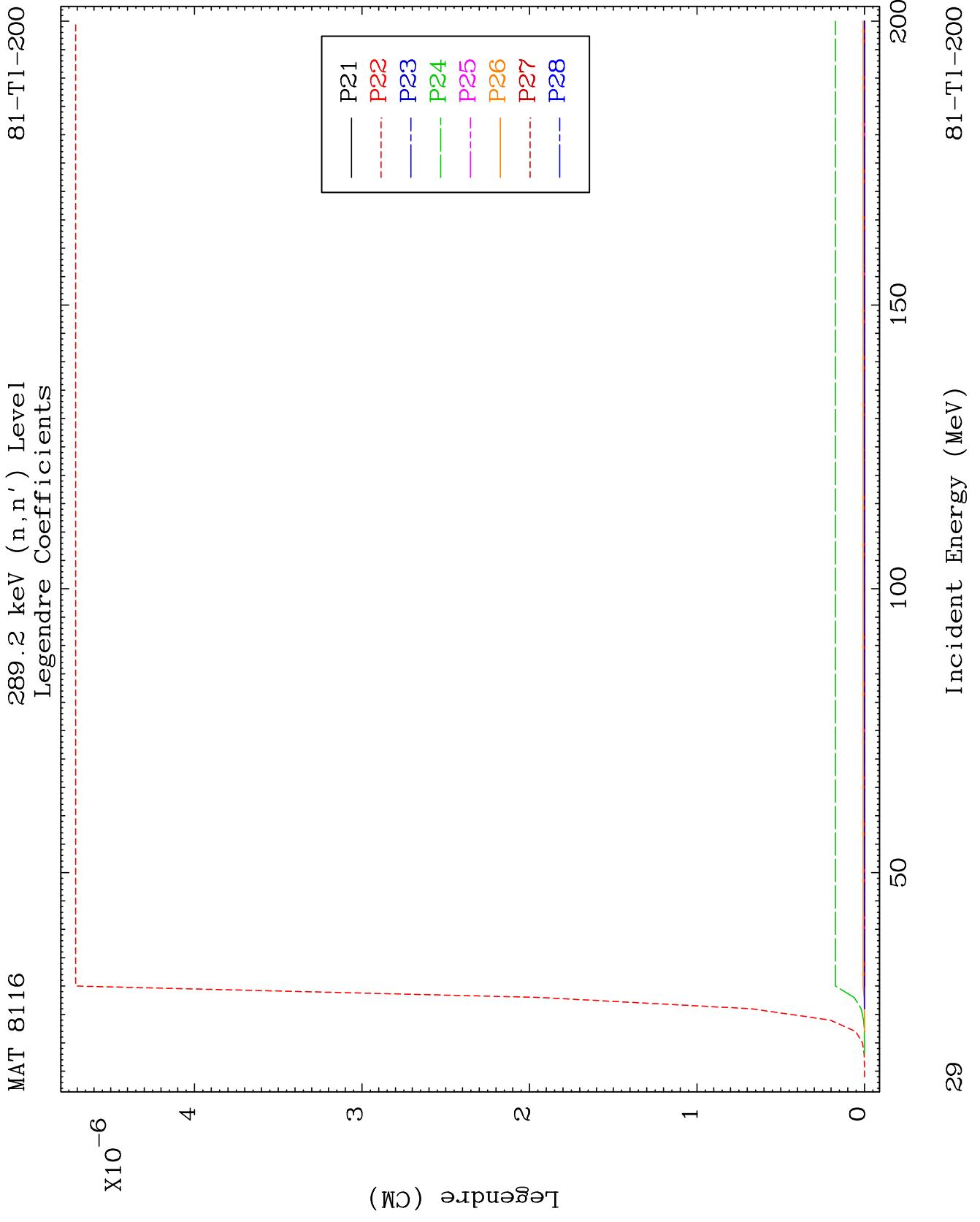


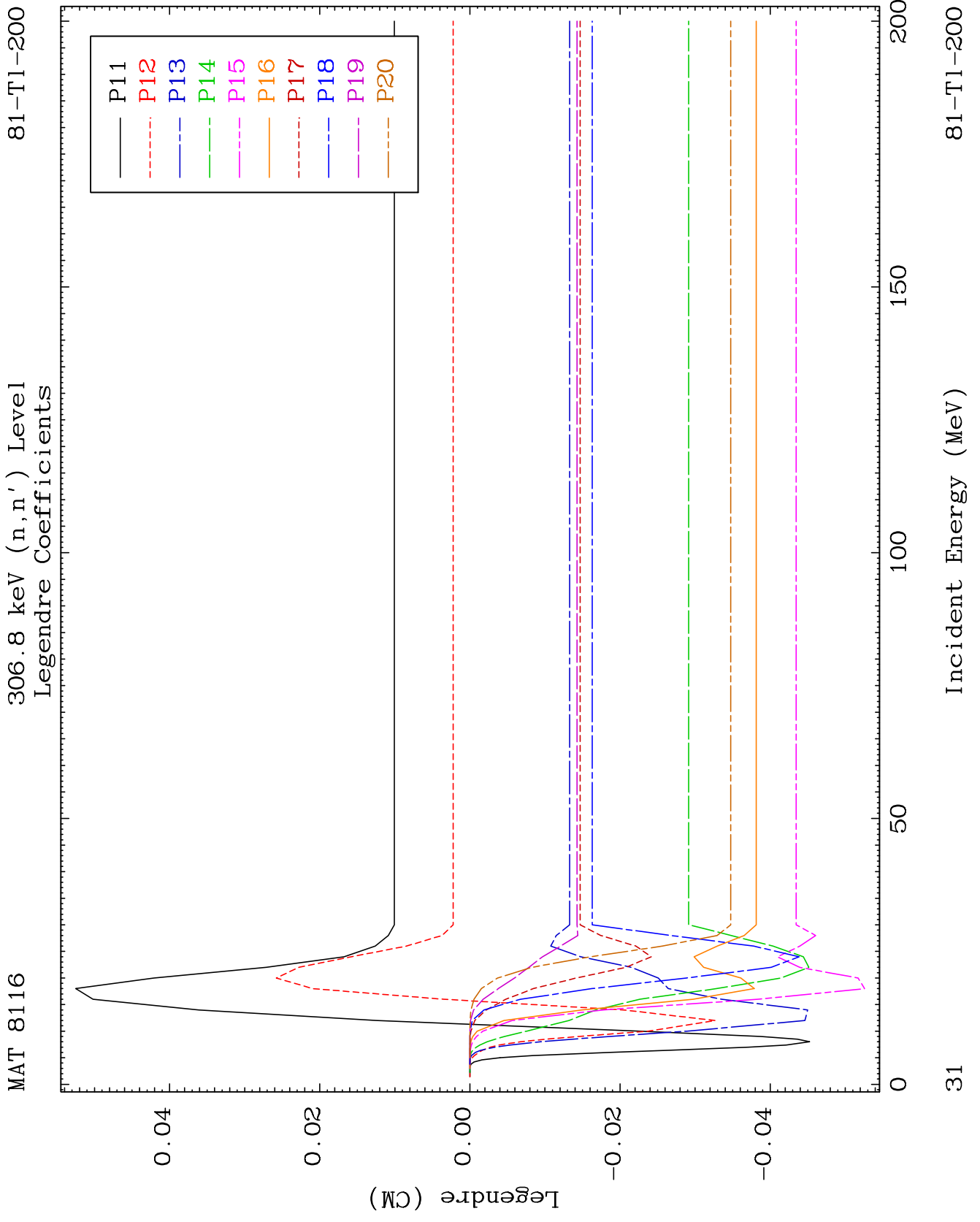


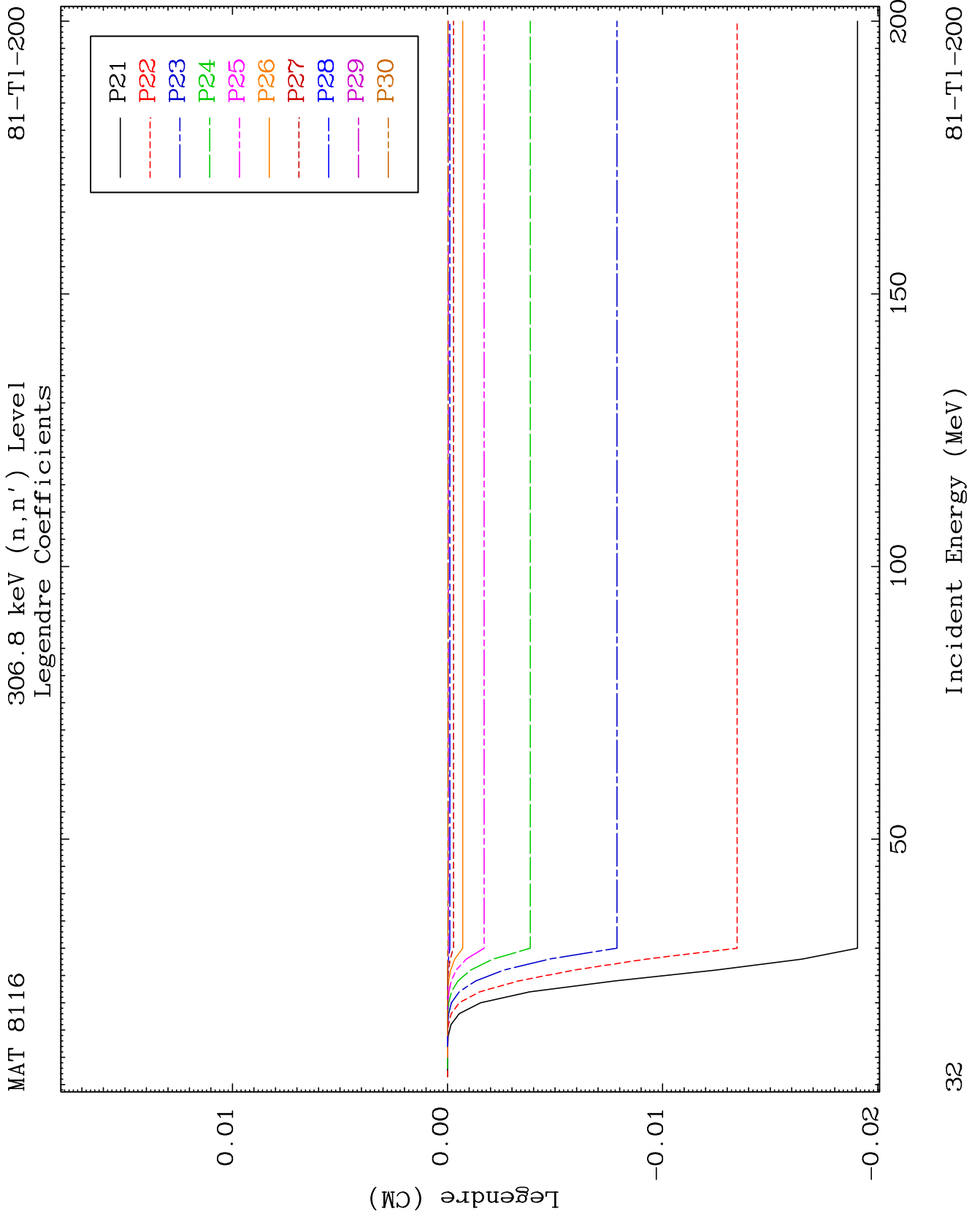


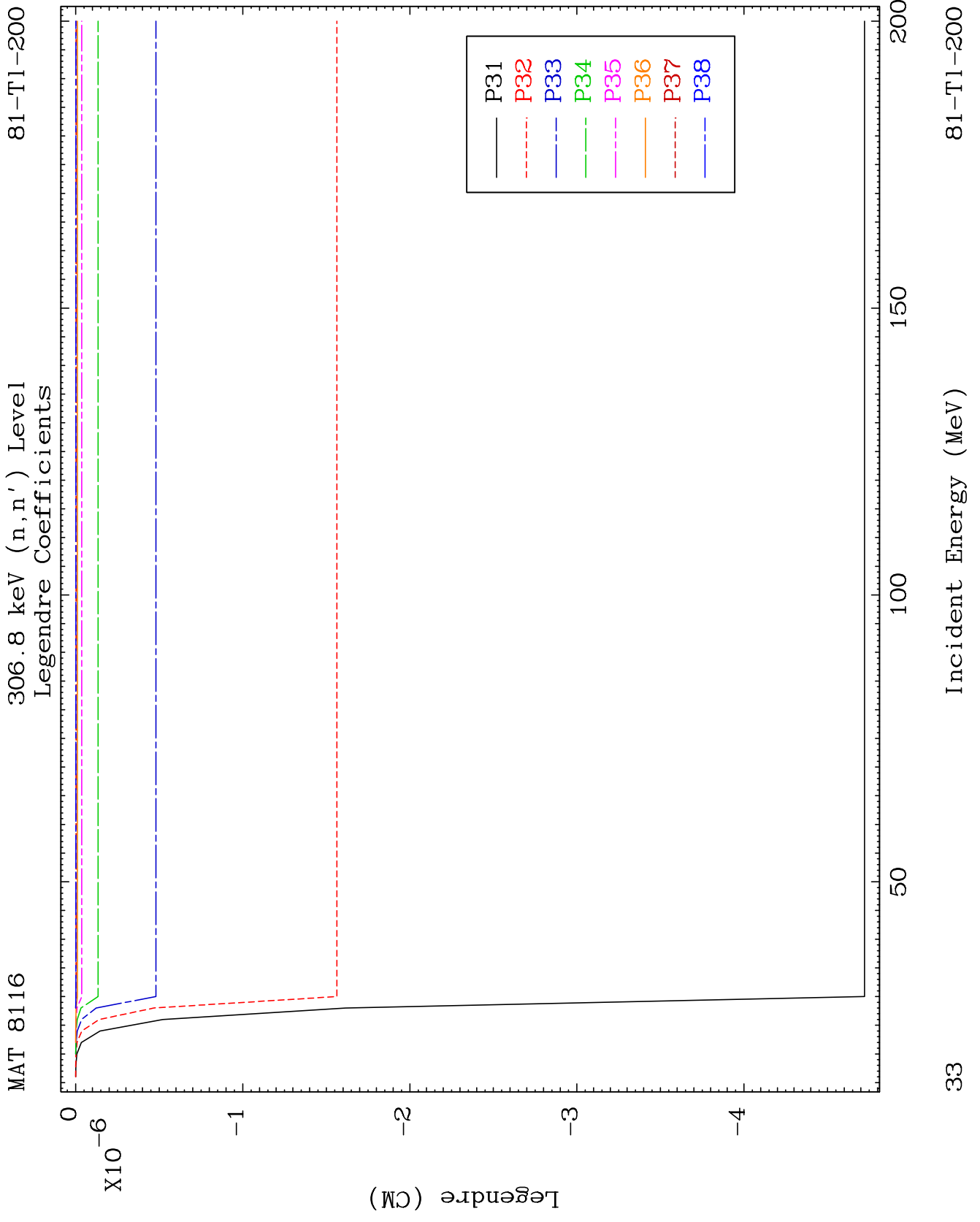


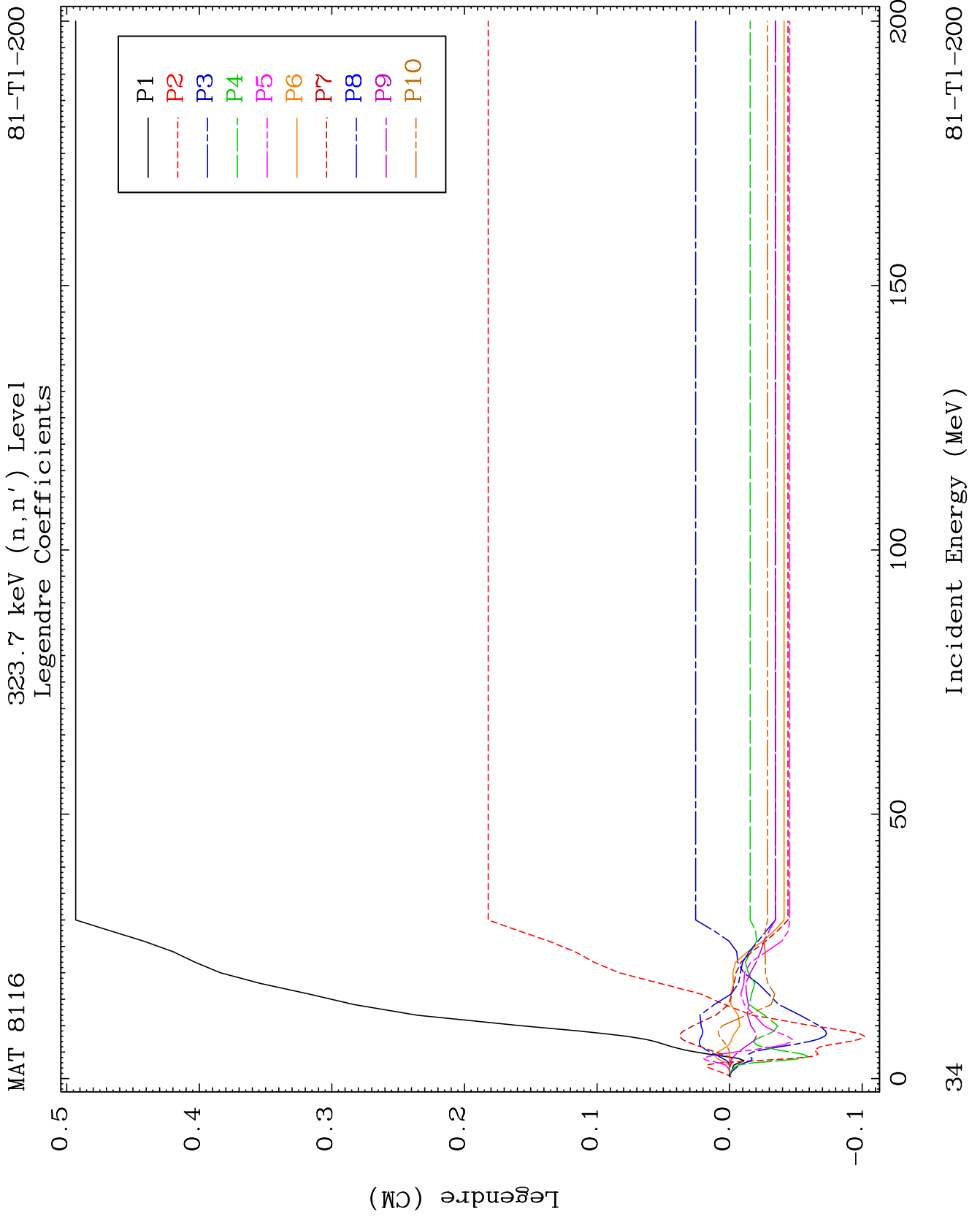








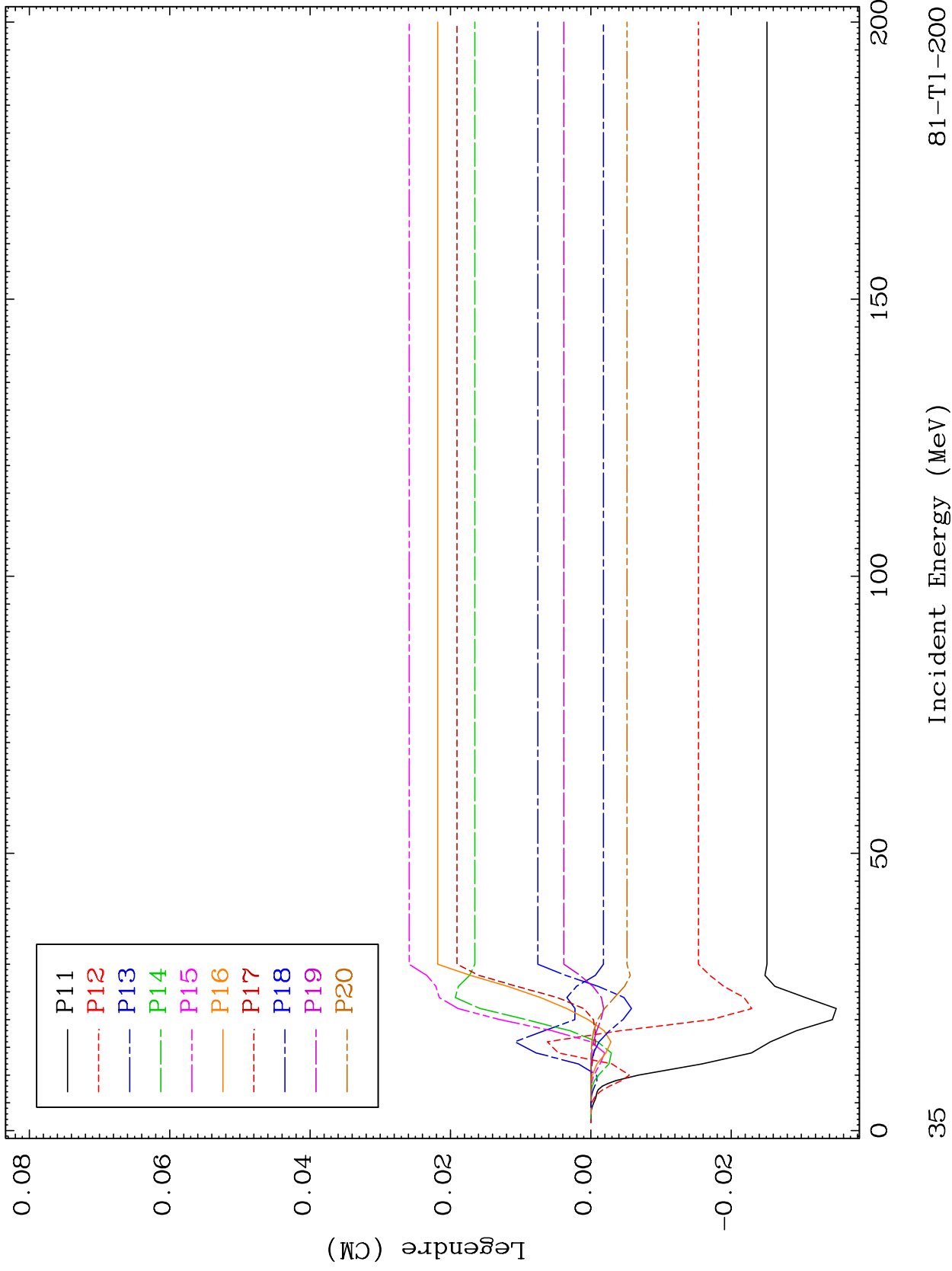




MAT 81116

323.7 keV (n,n') Level
Legendre Coefficients

81-T1-200



81-T1-200

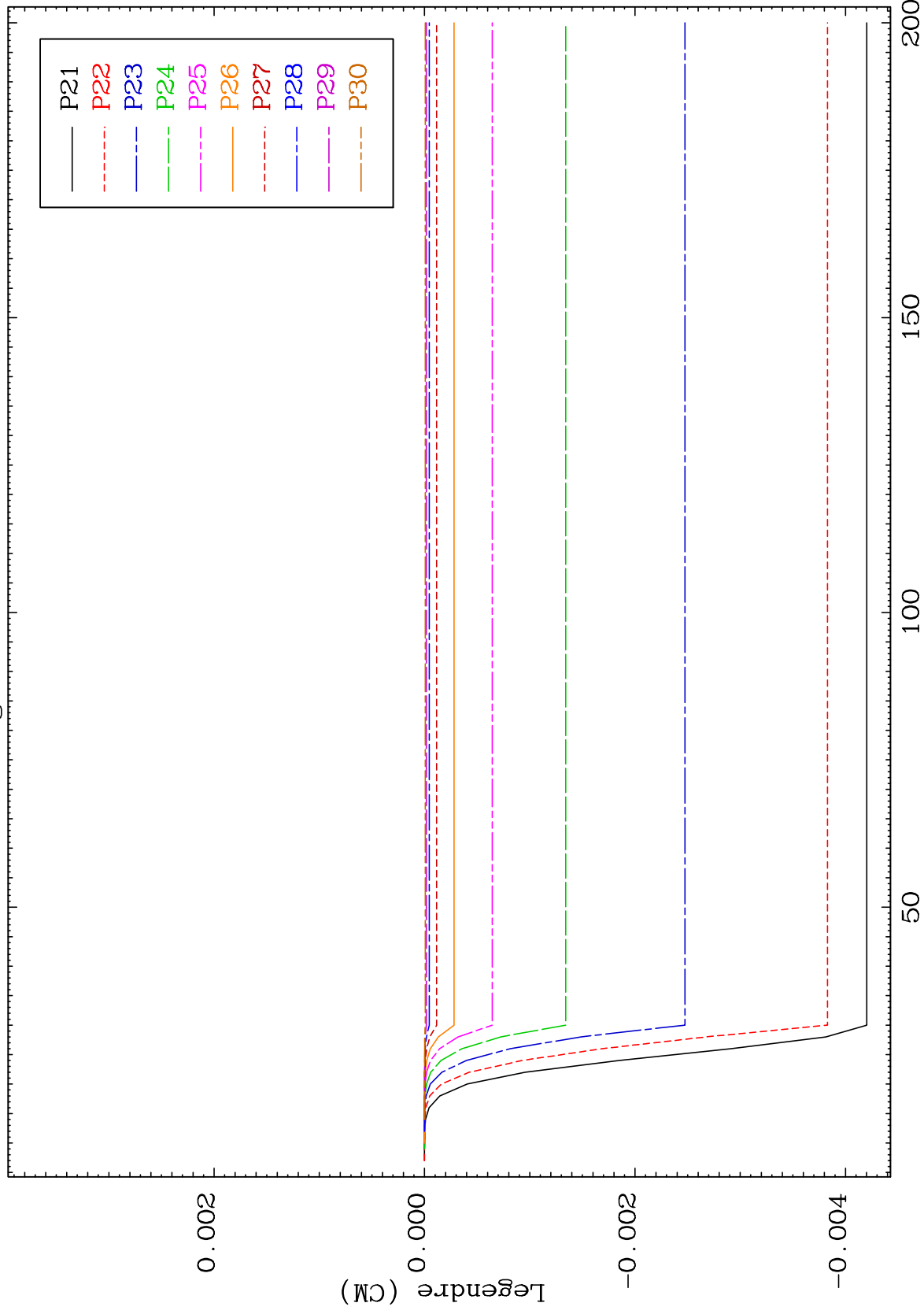
Incident Energy (MeV)

35

MAT 81116

323.7 keV (n,n') Level
Legendre Coefficients

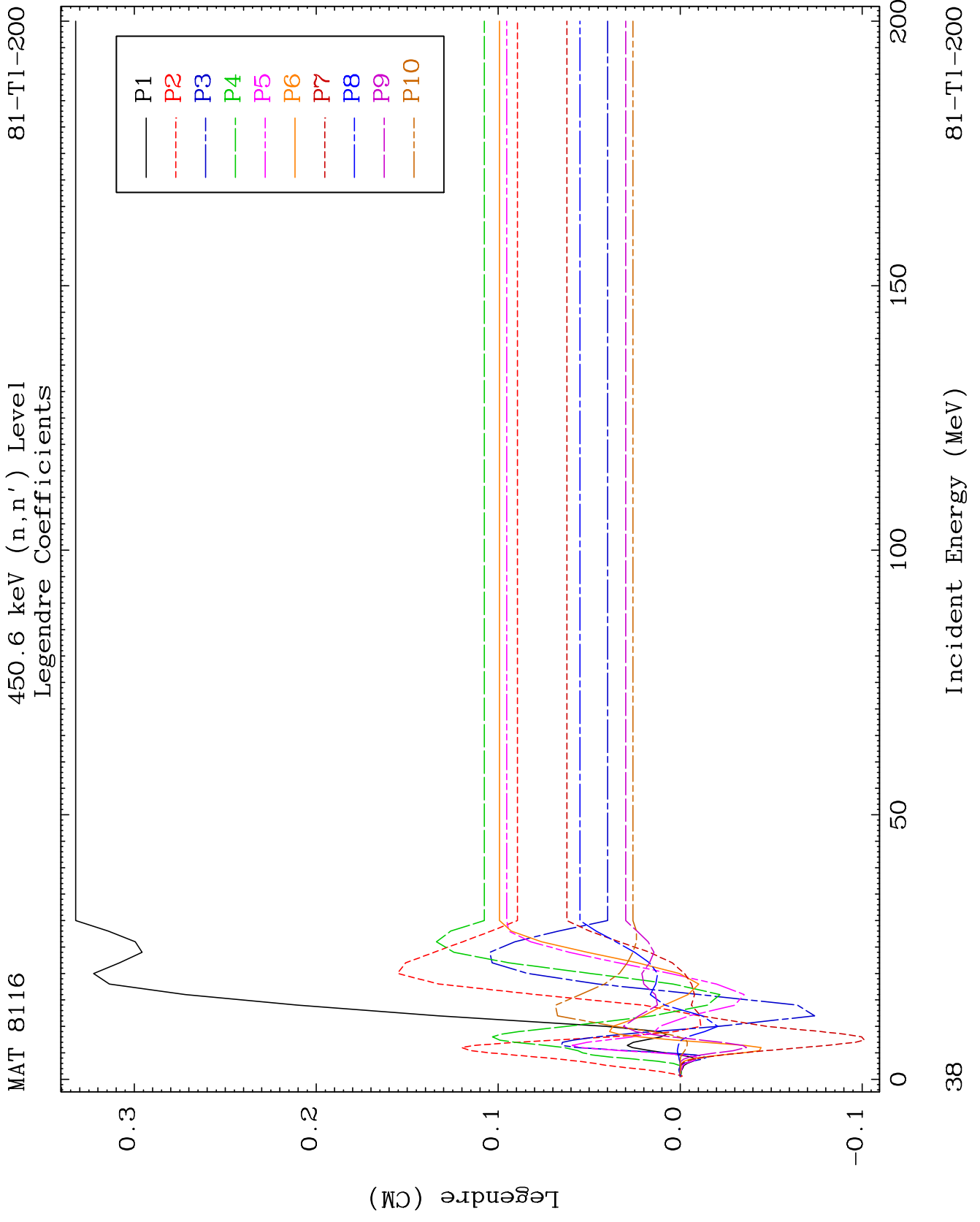
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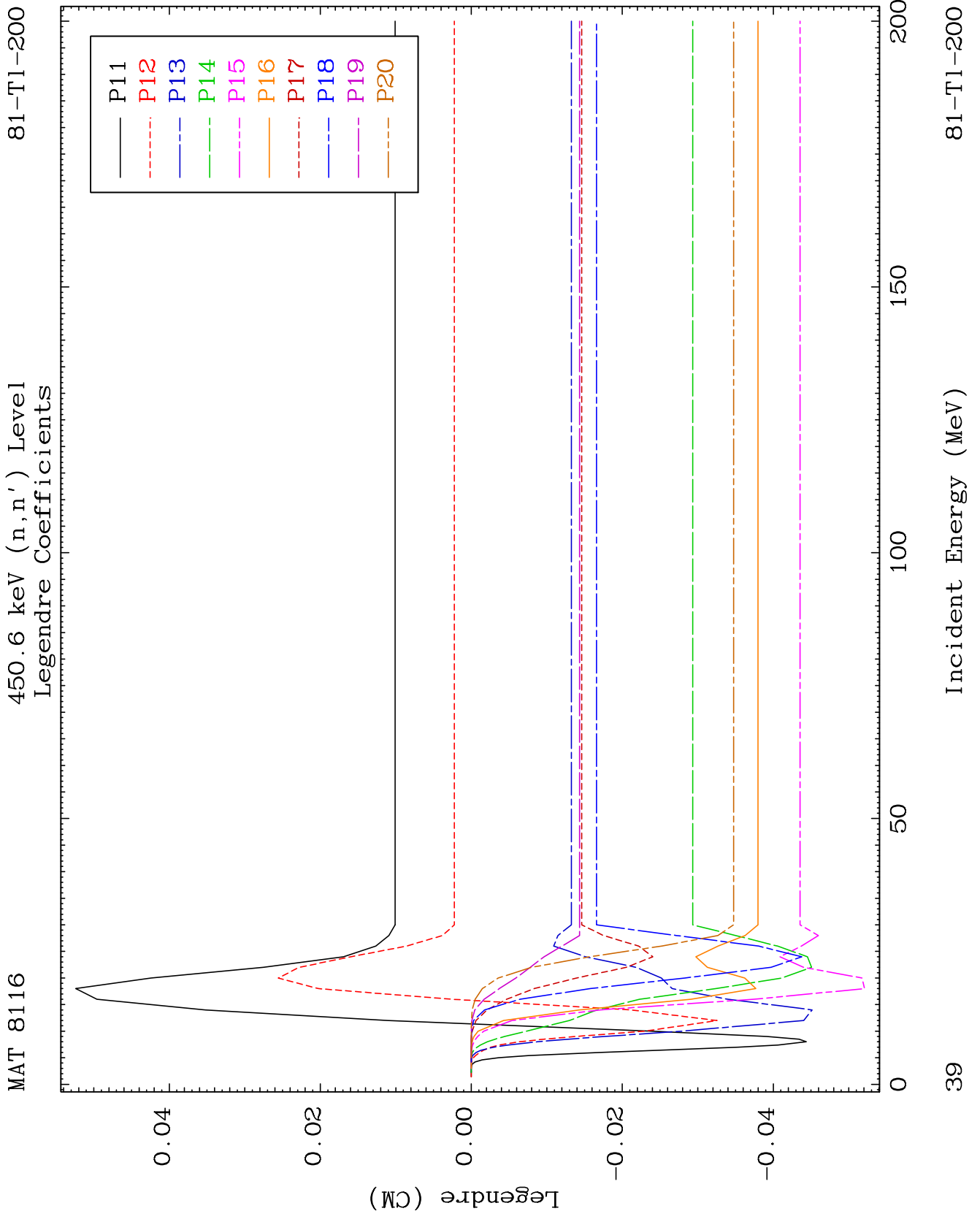


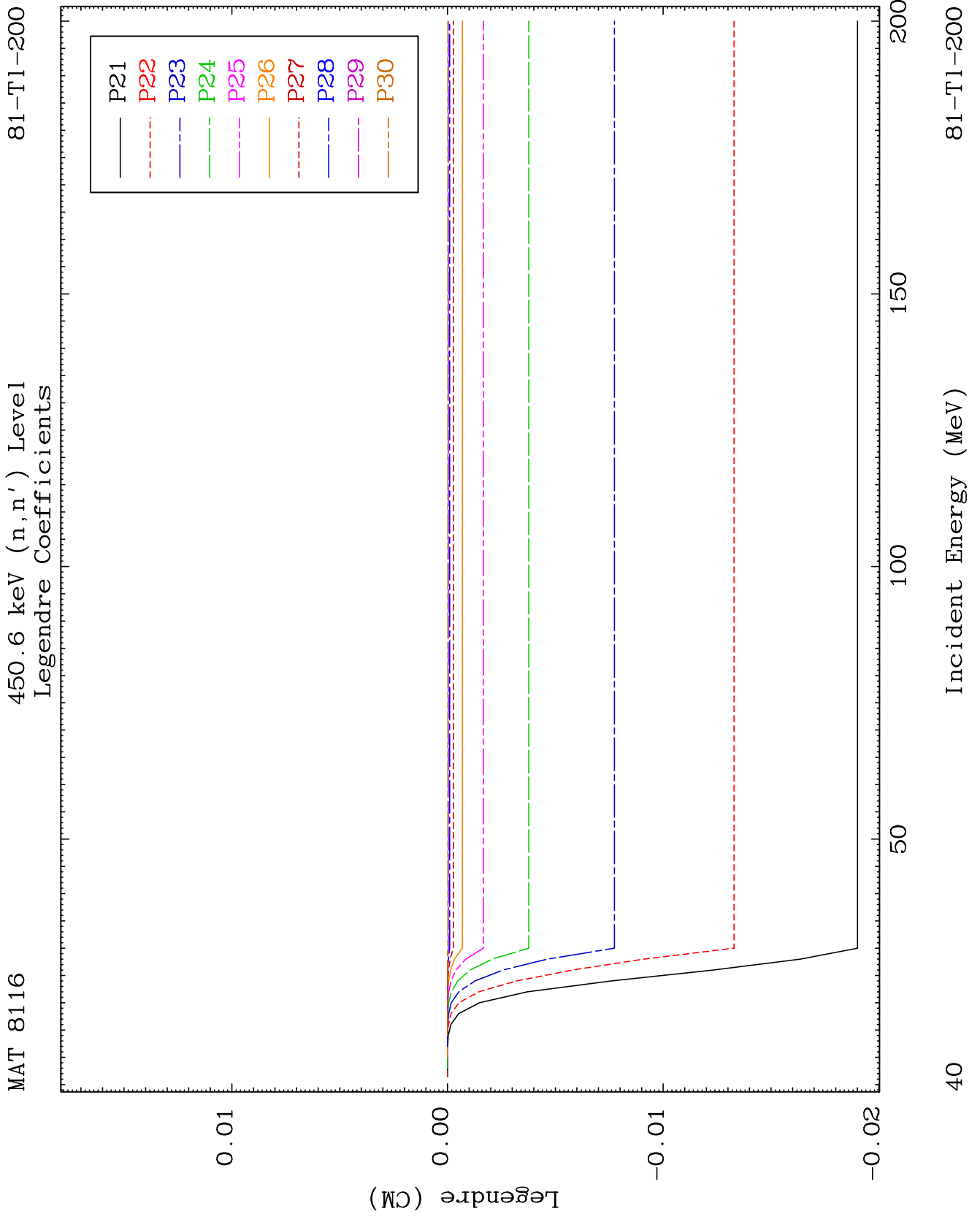
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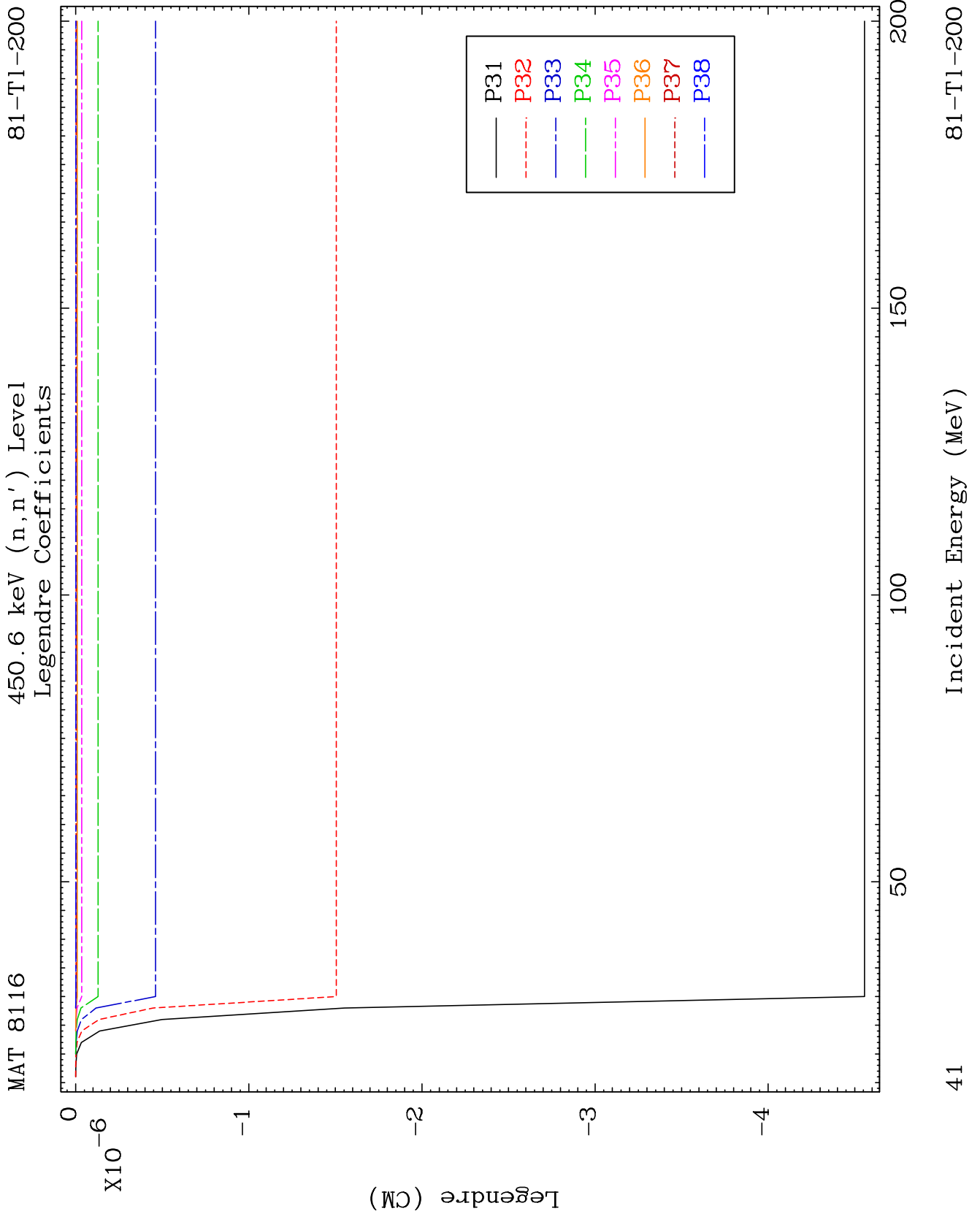
Incident Energy (MeV)

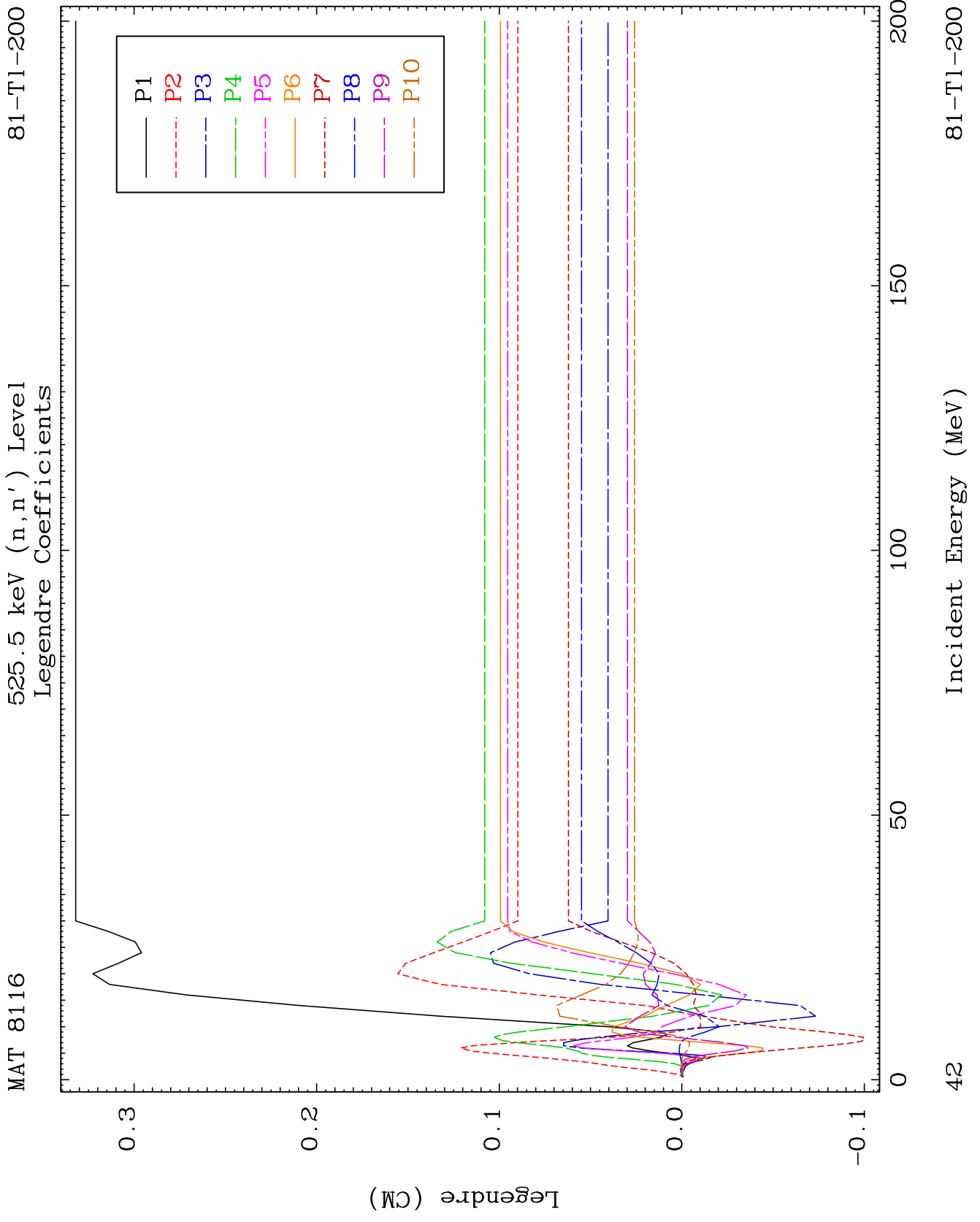
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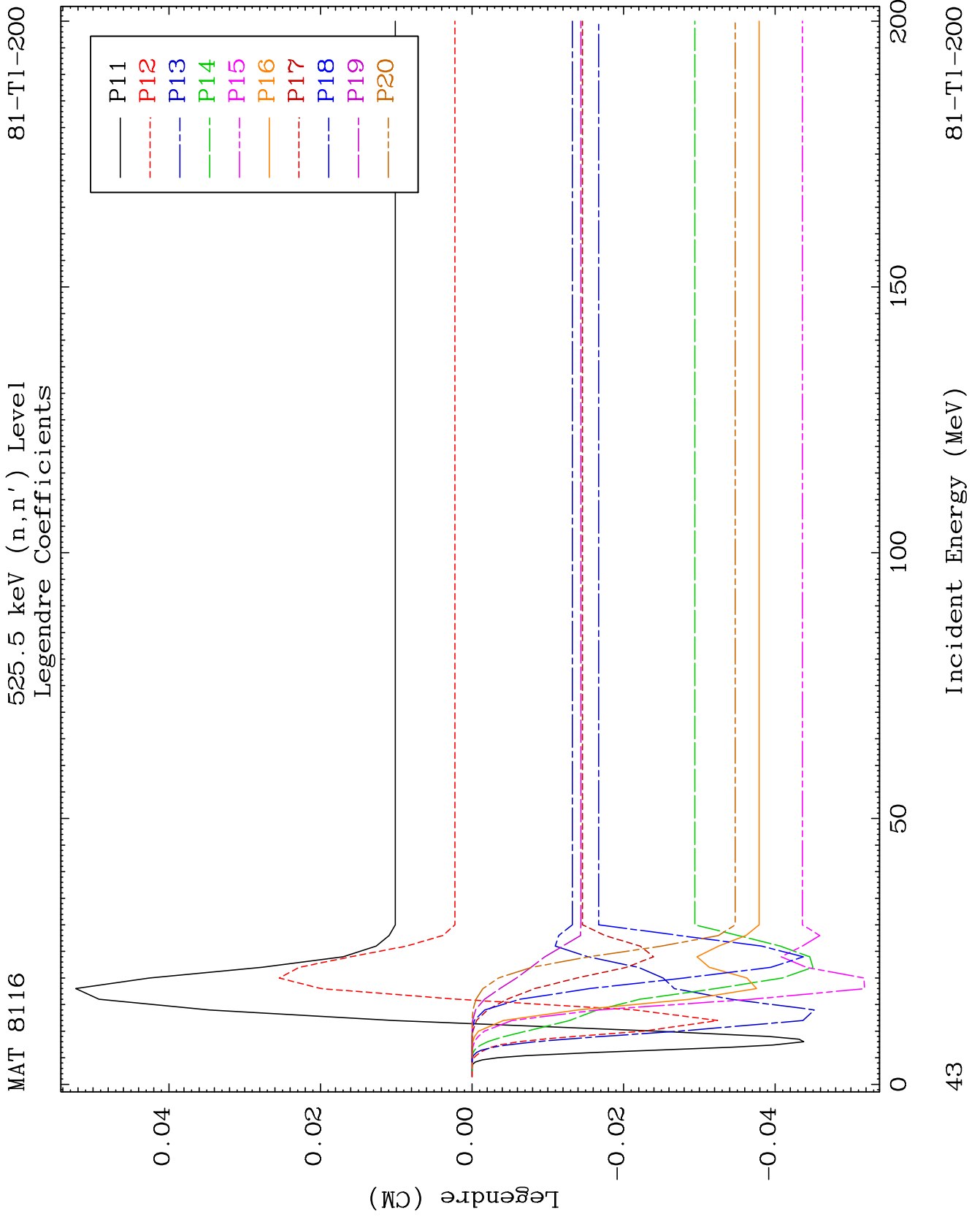


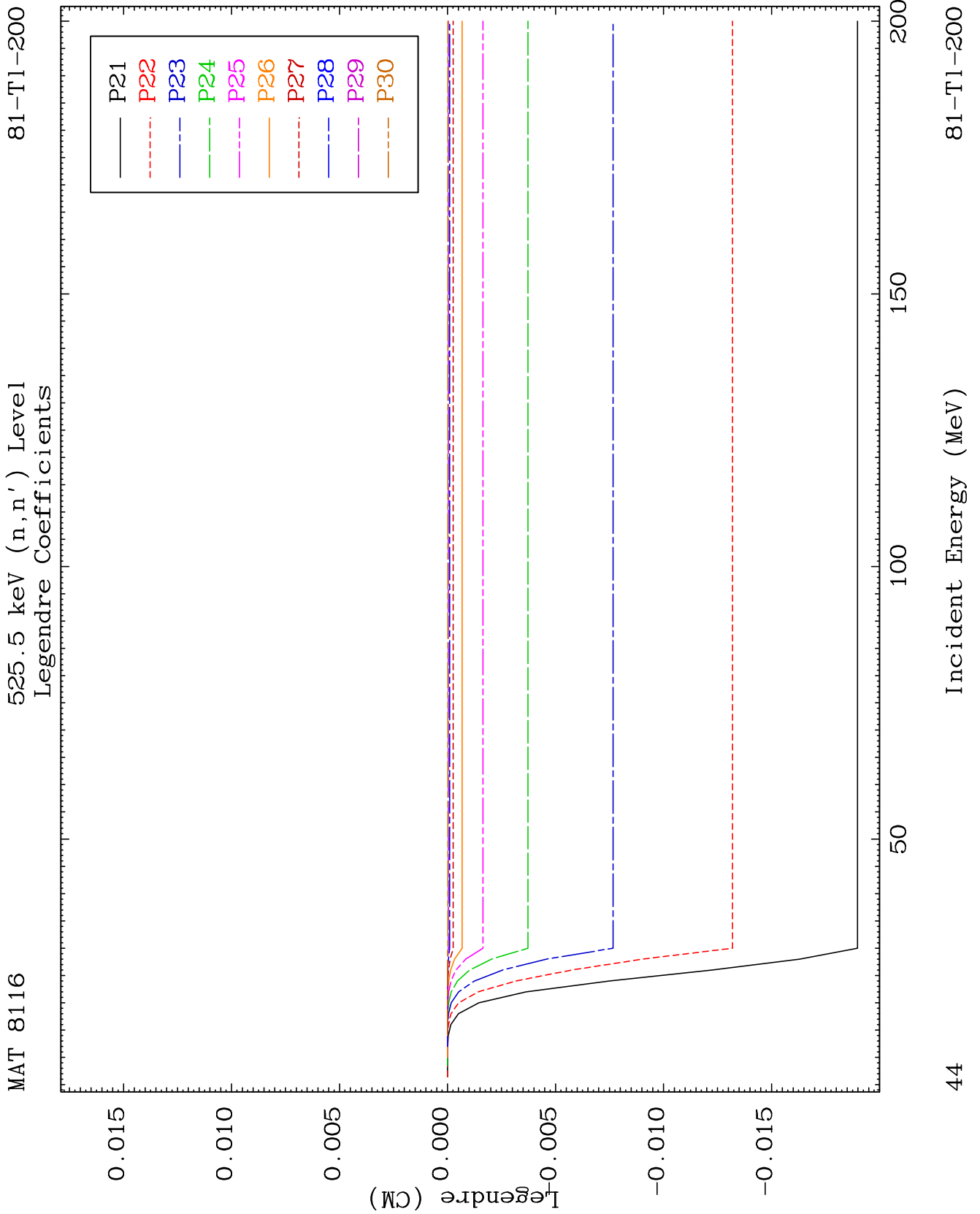


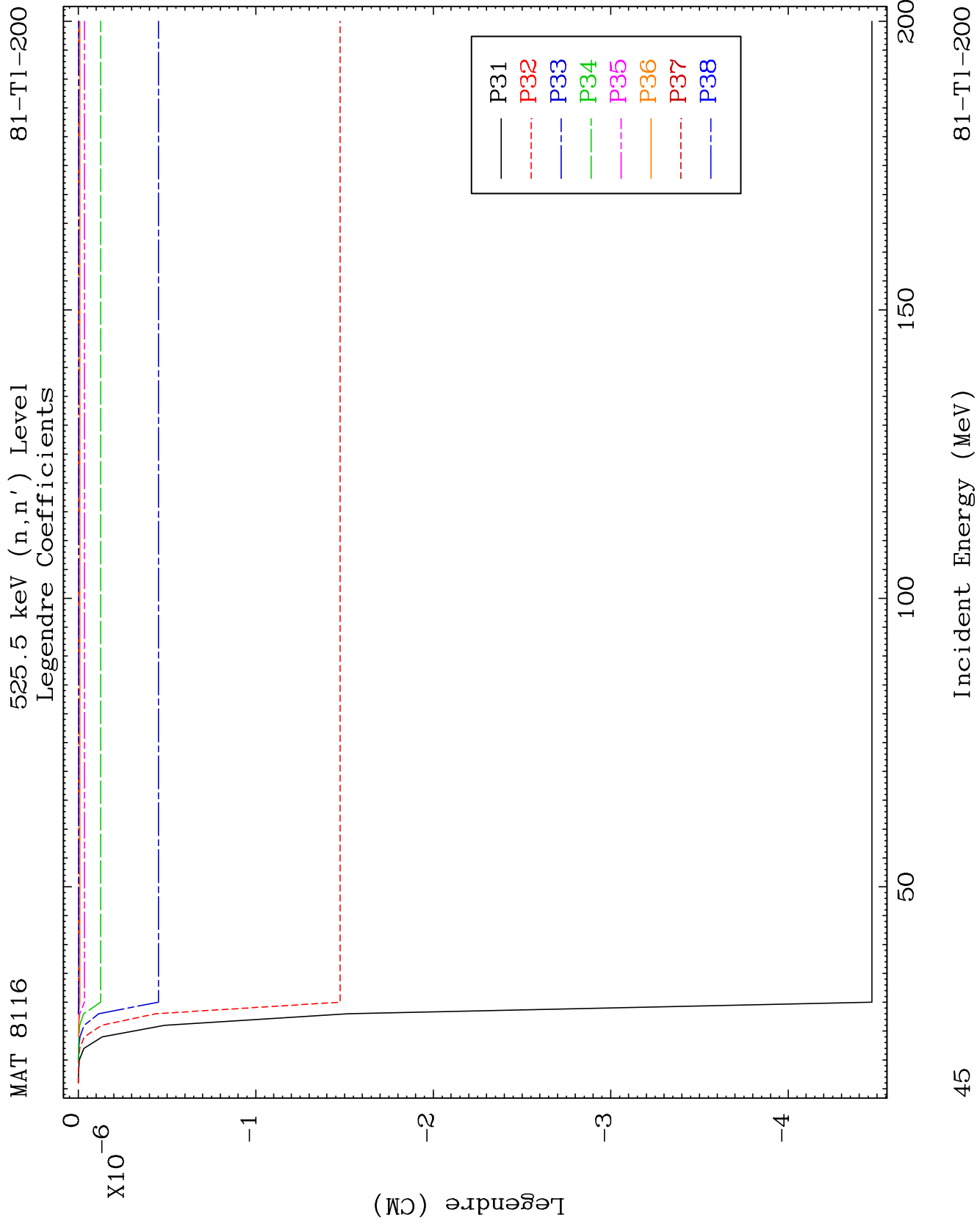


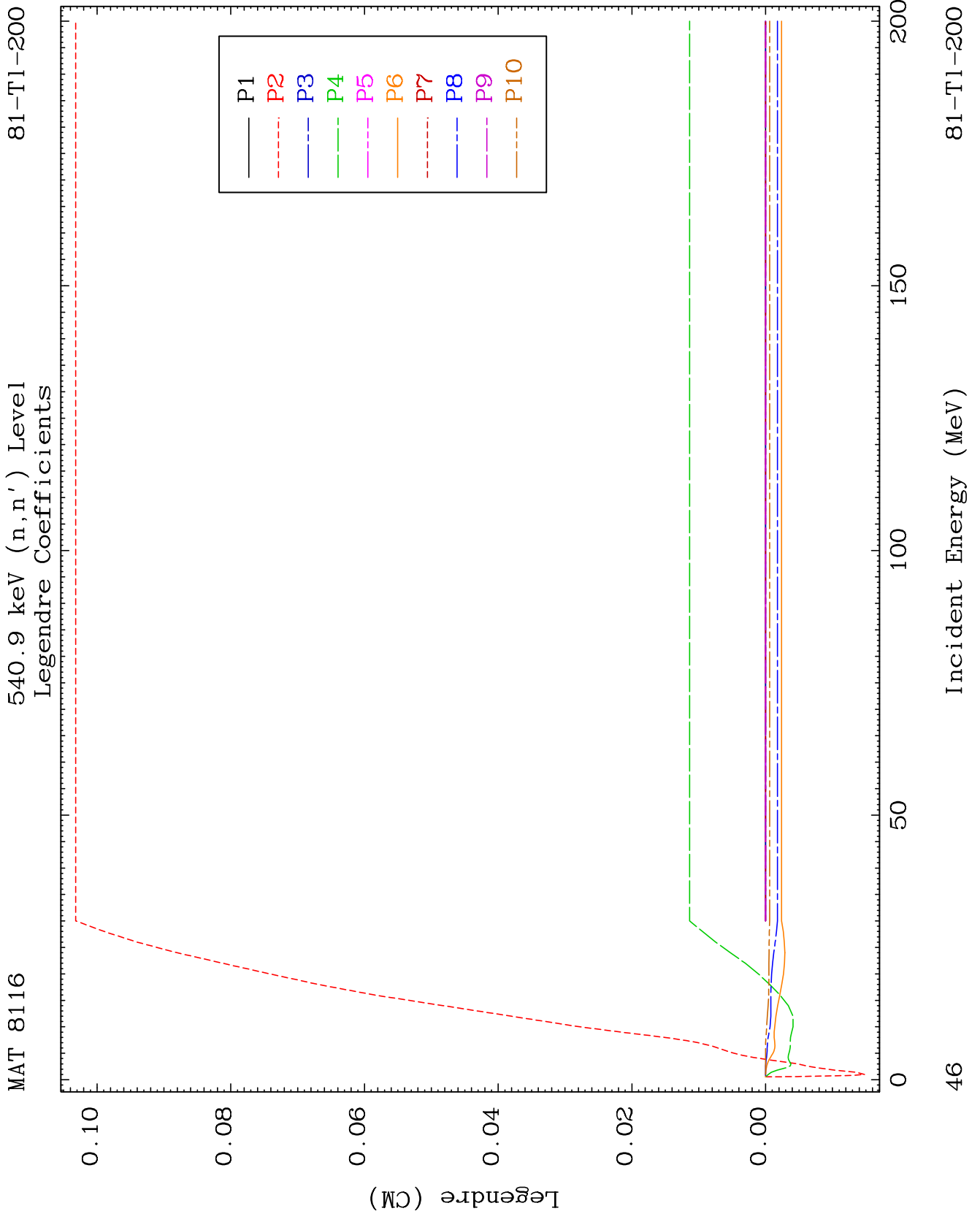


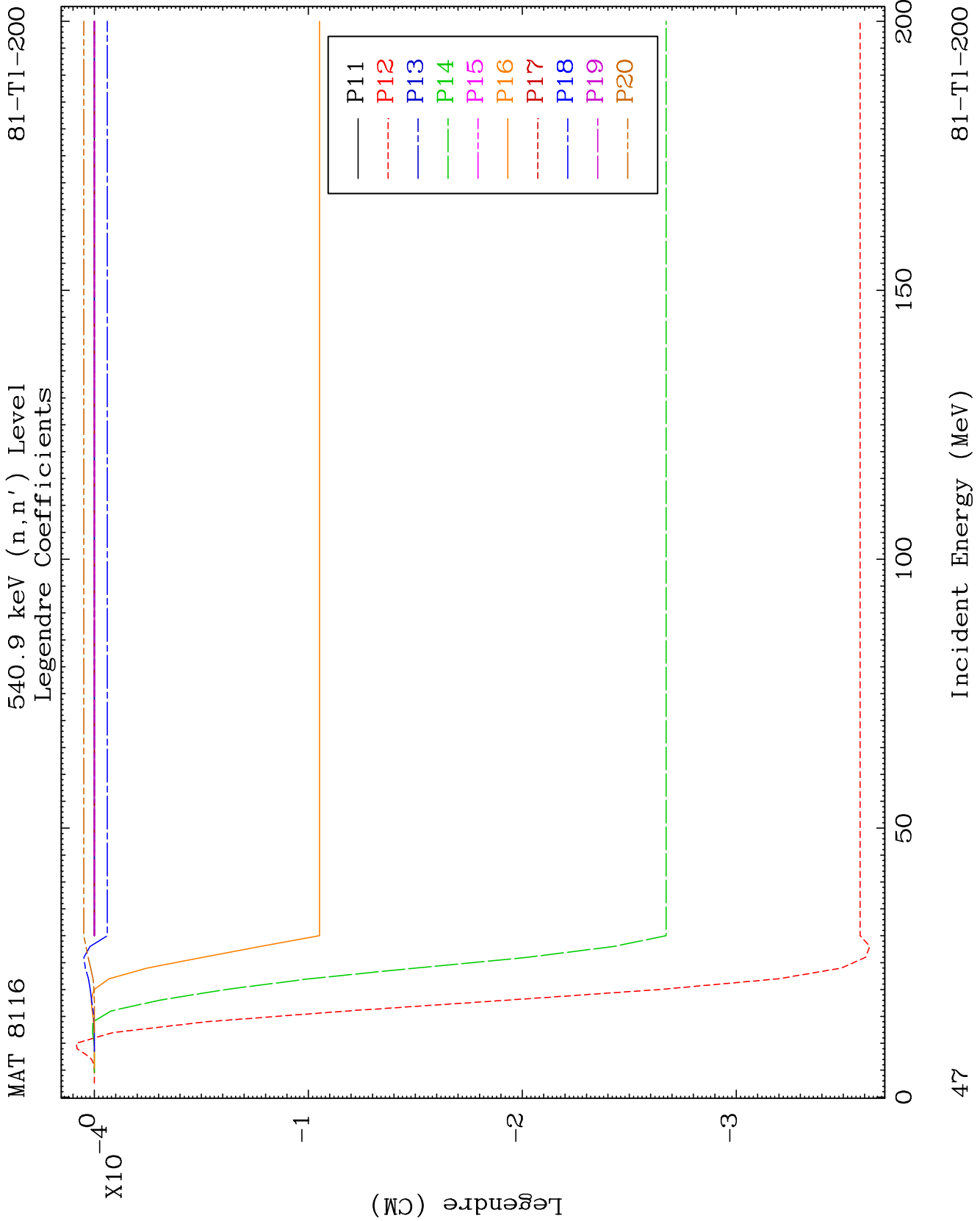


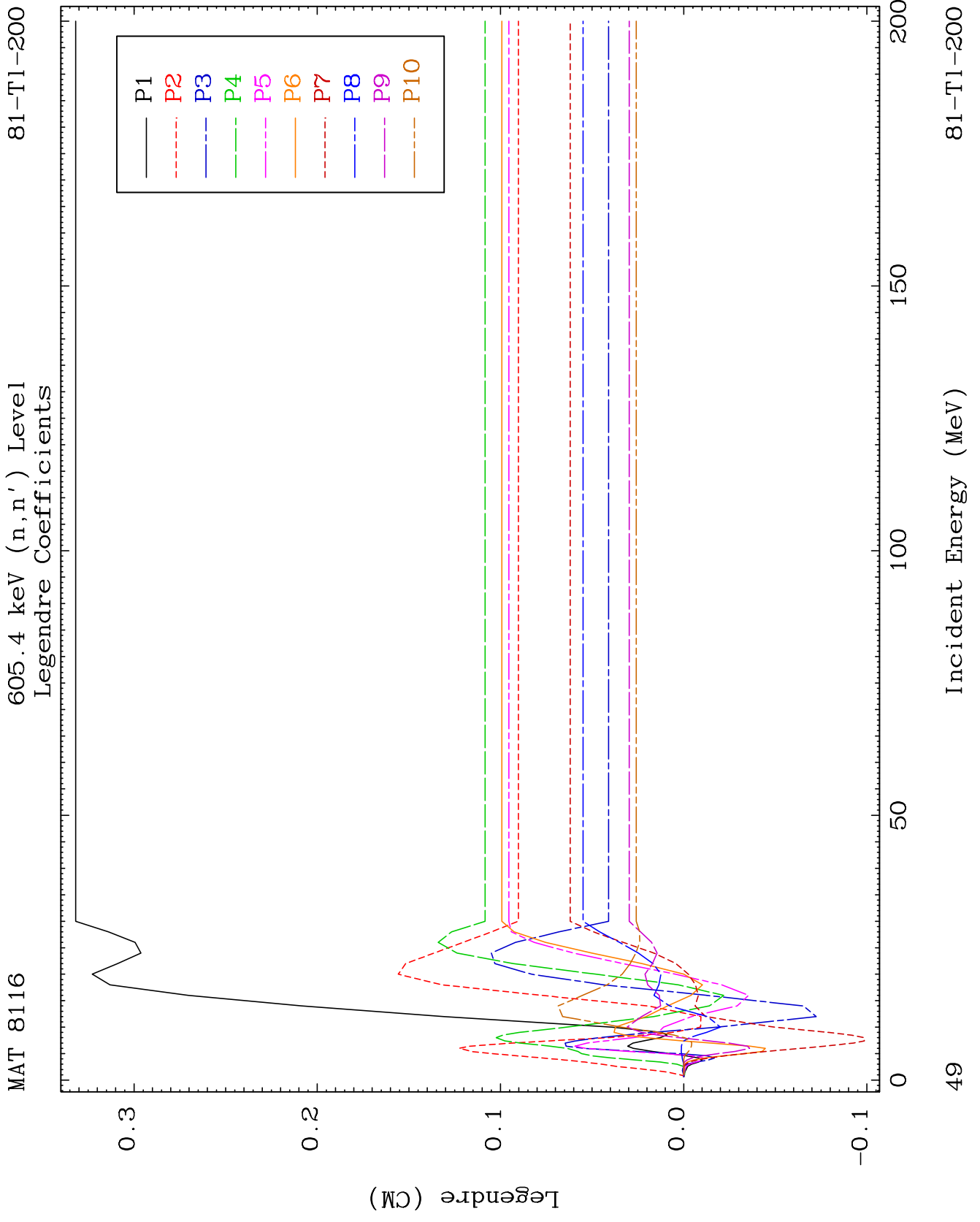


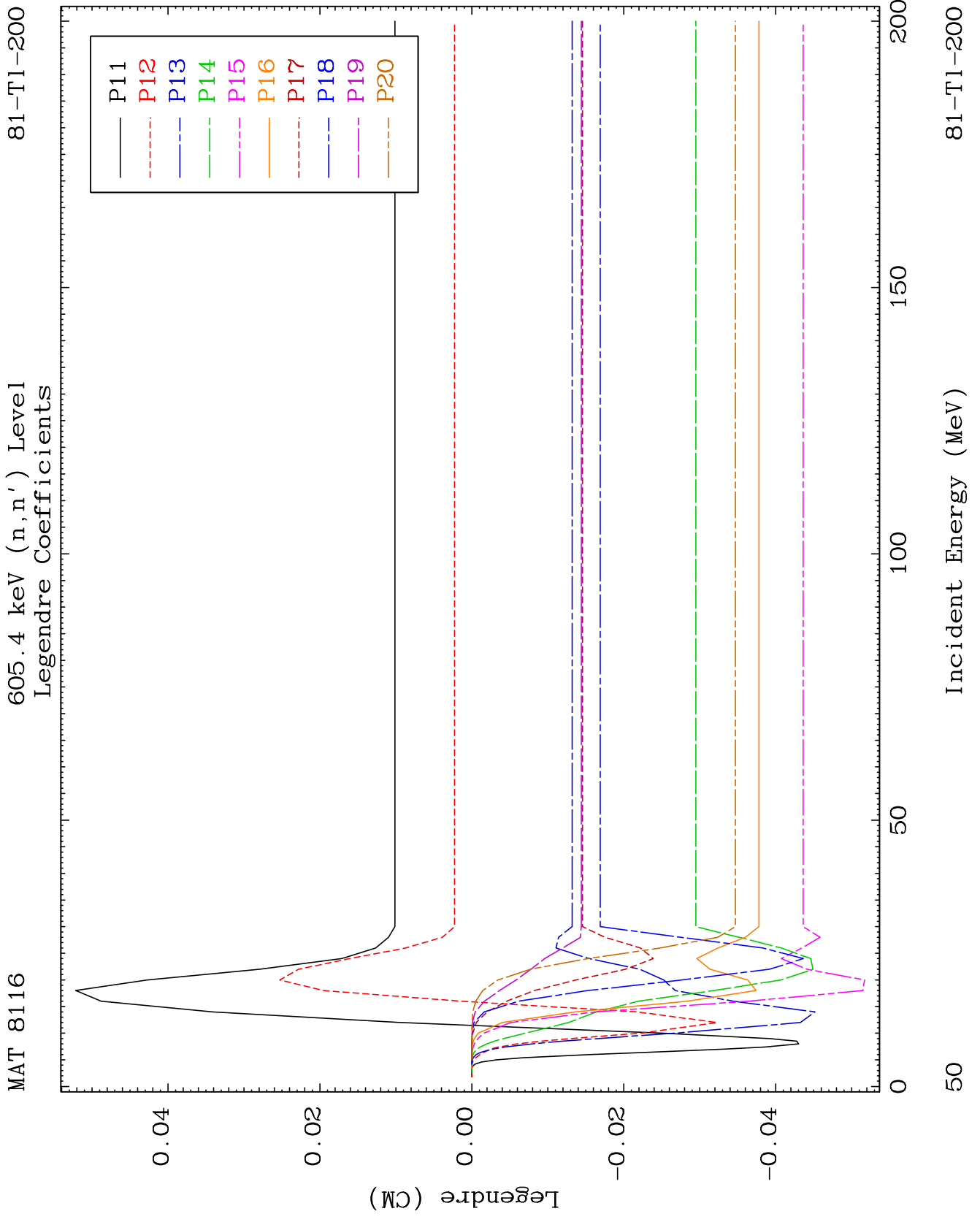


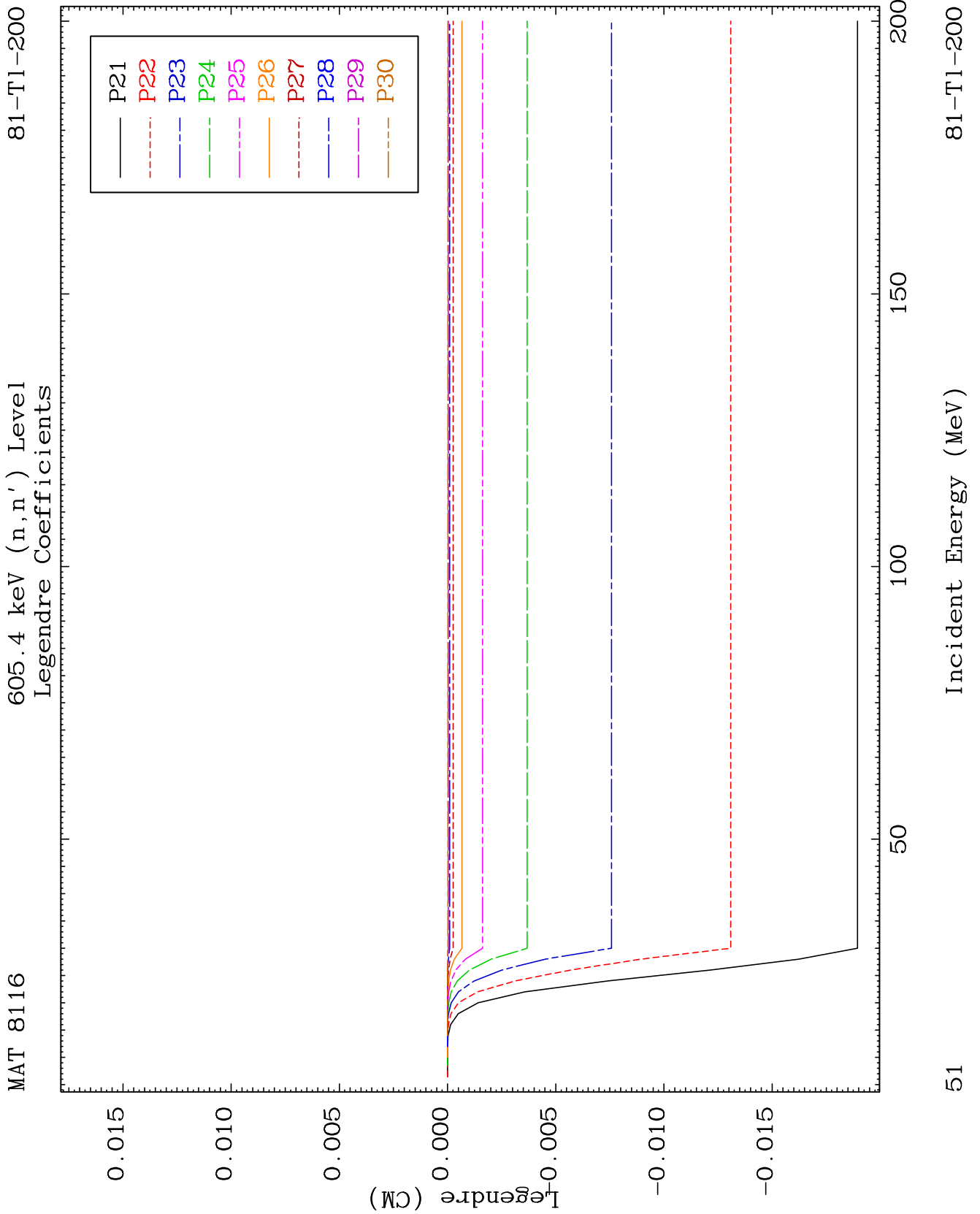


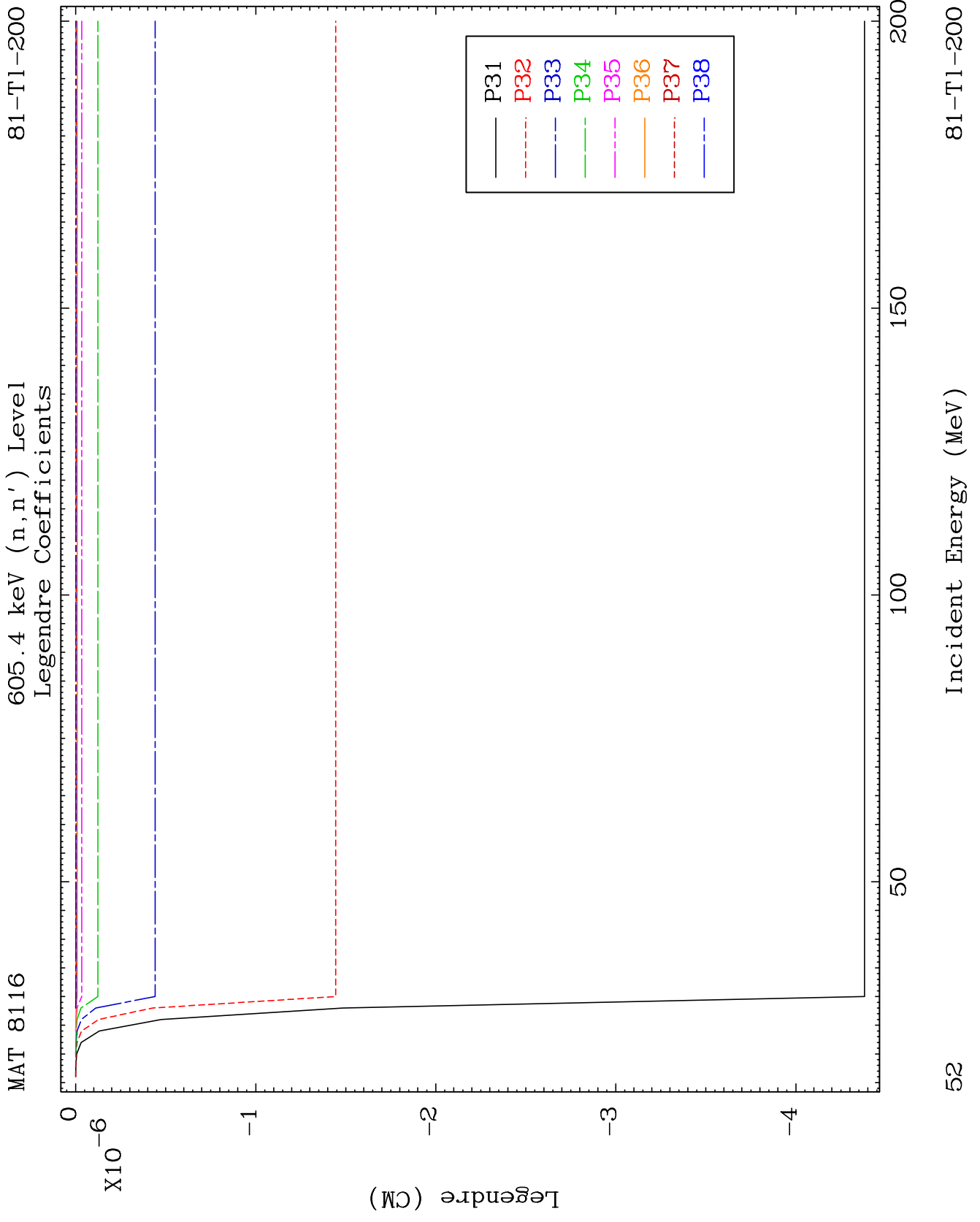


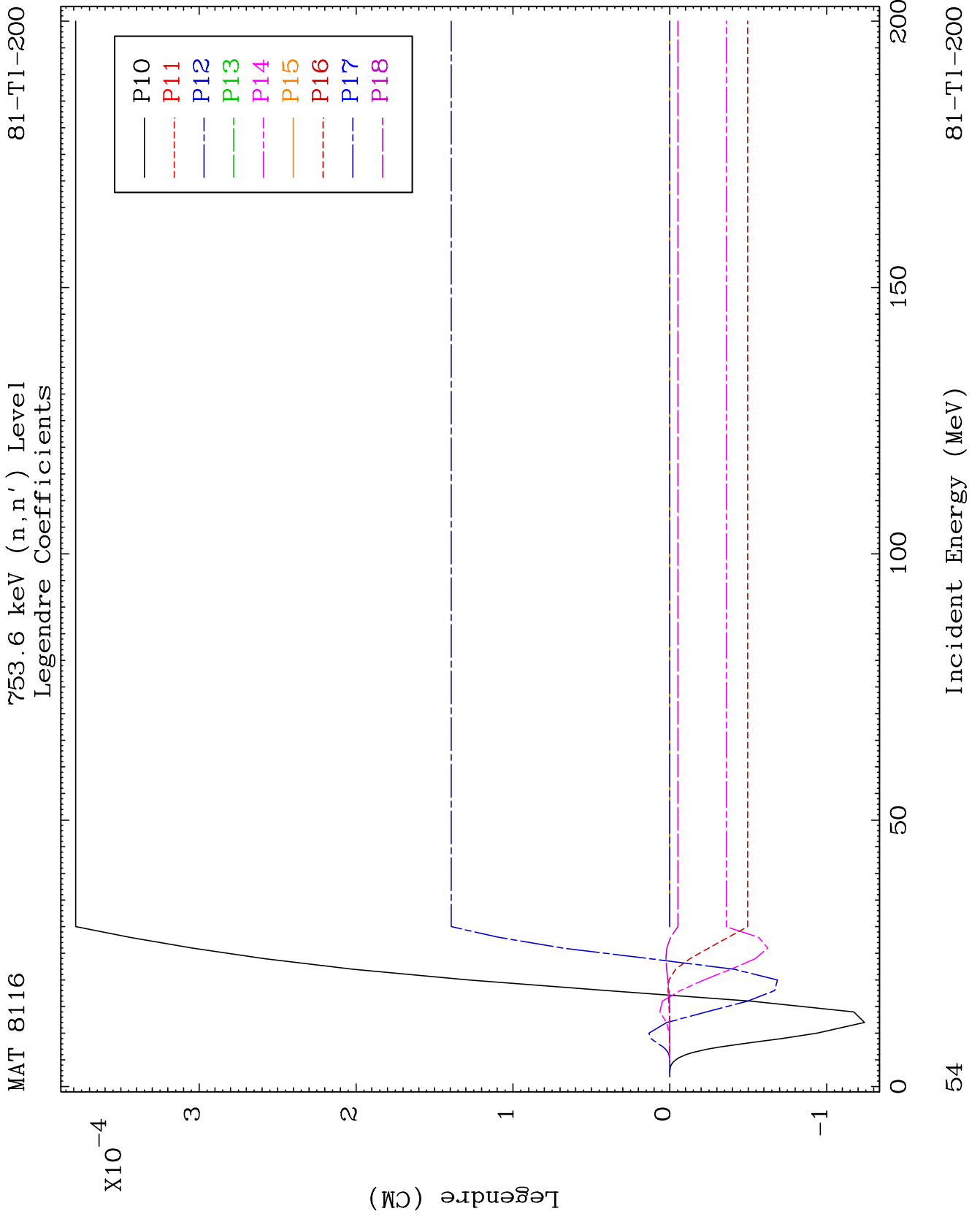


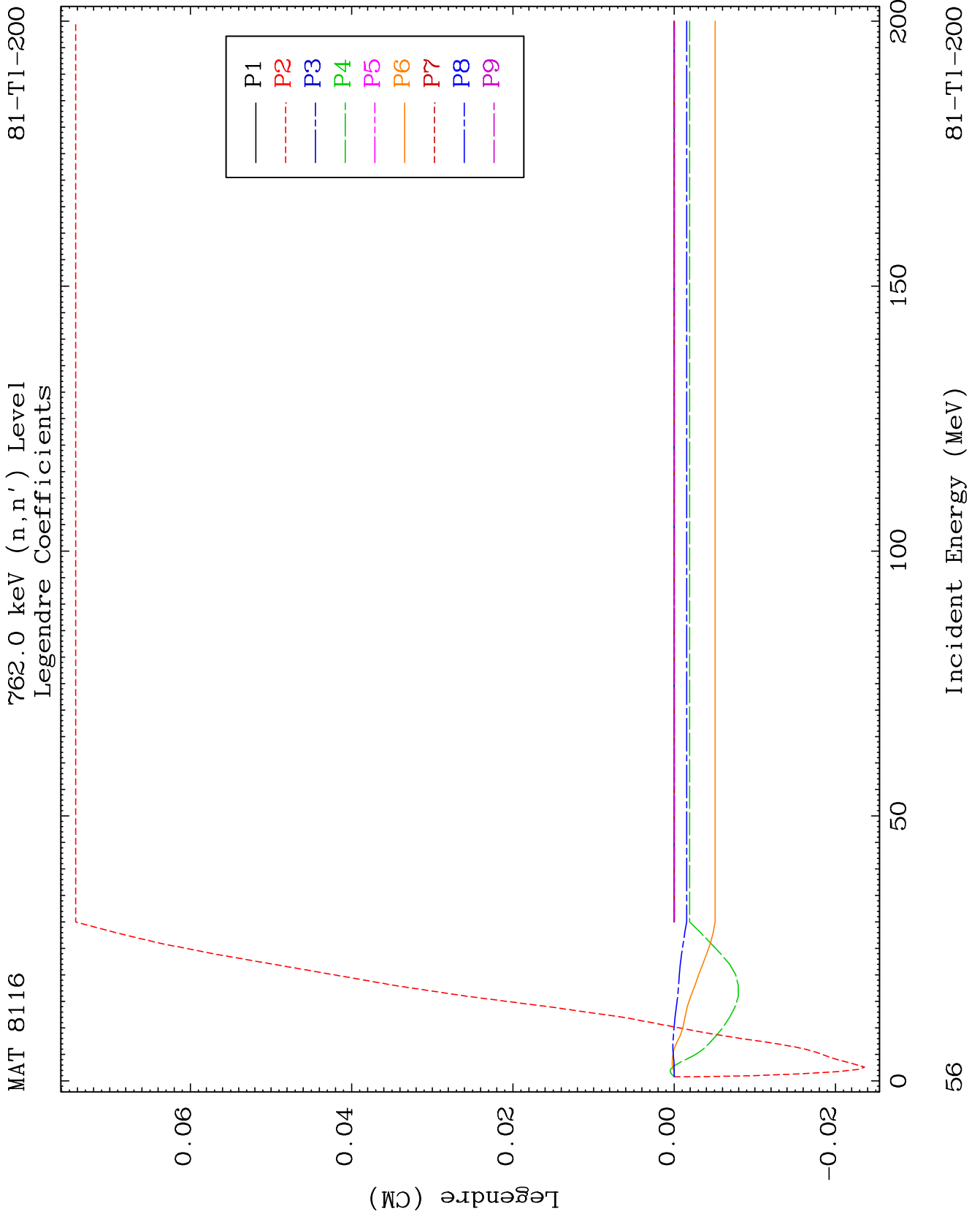








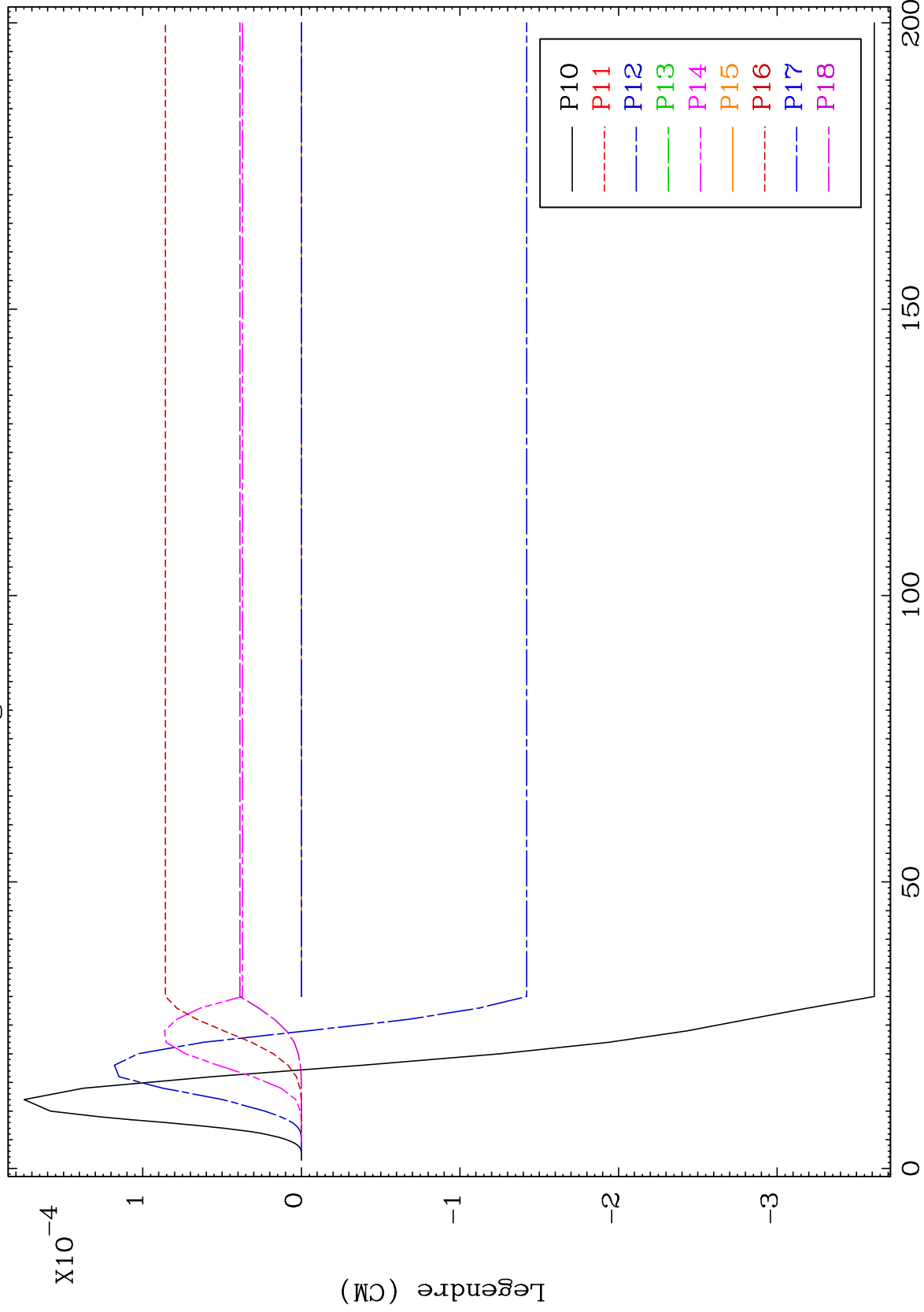




MAT 81116

762.0 keV (n,n') Level
Legendre Coefficients

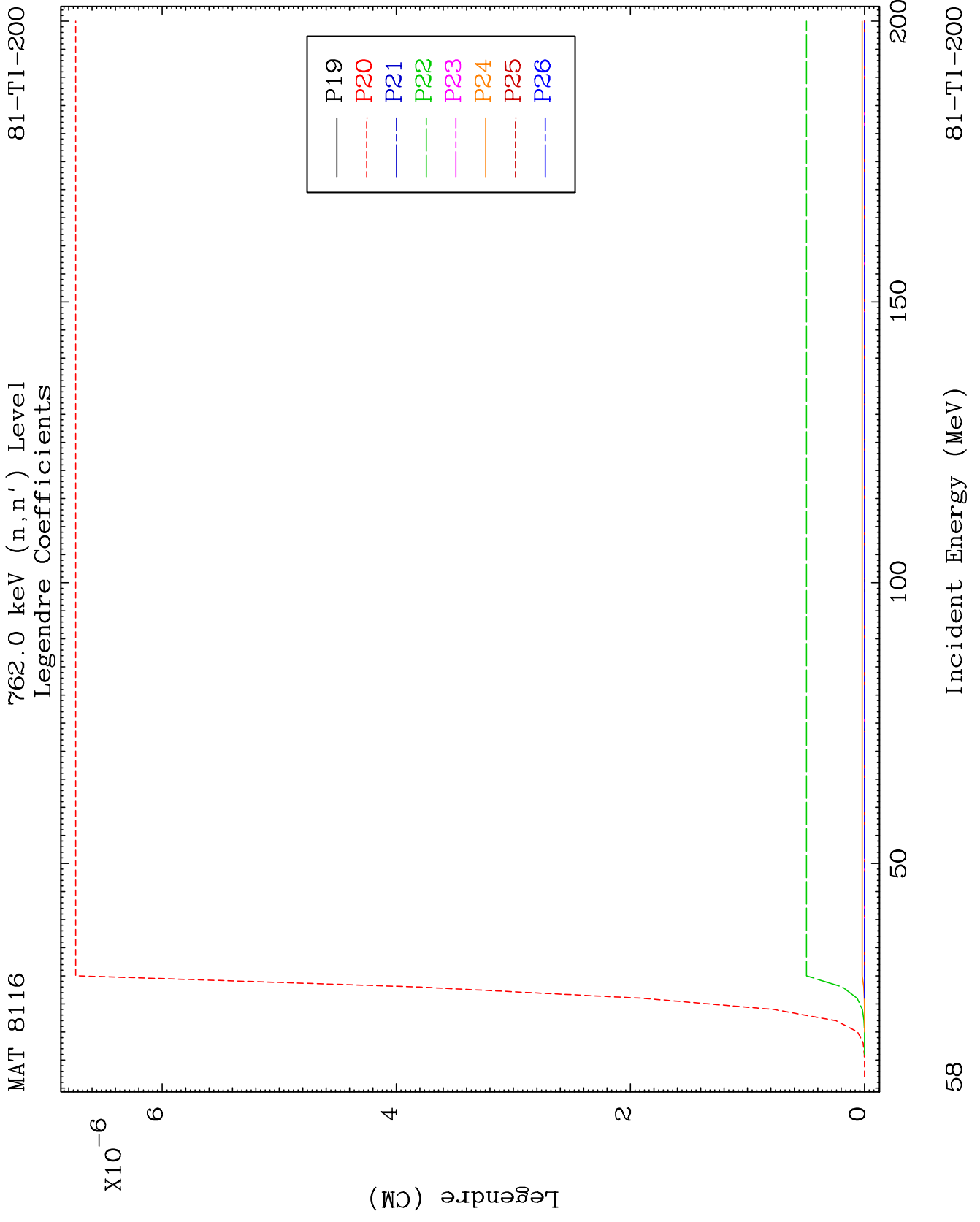
81-T1-200

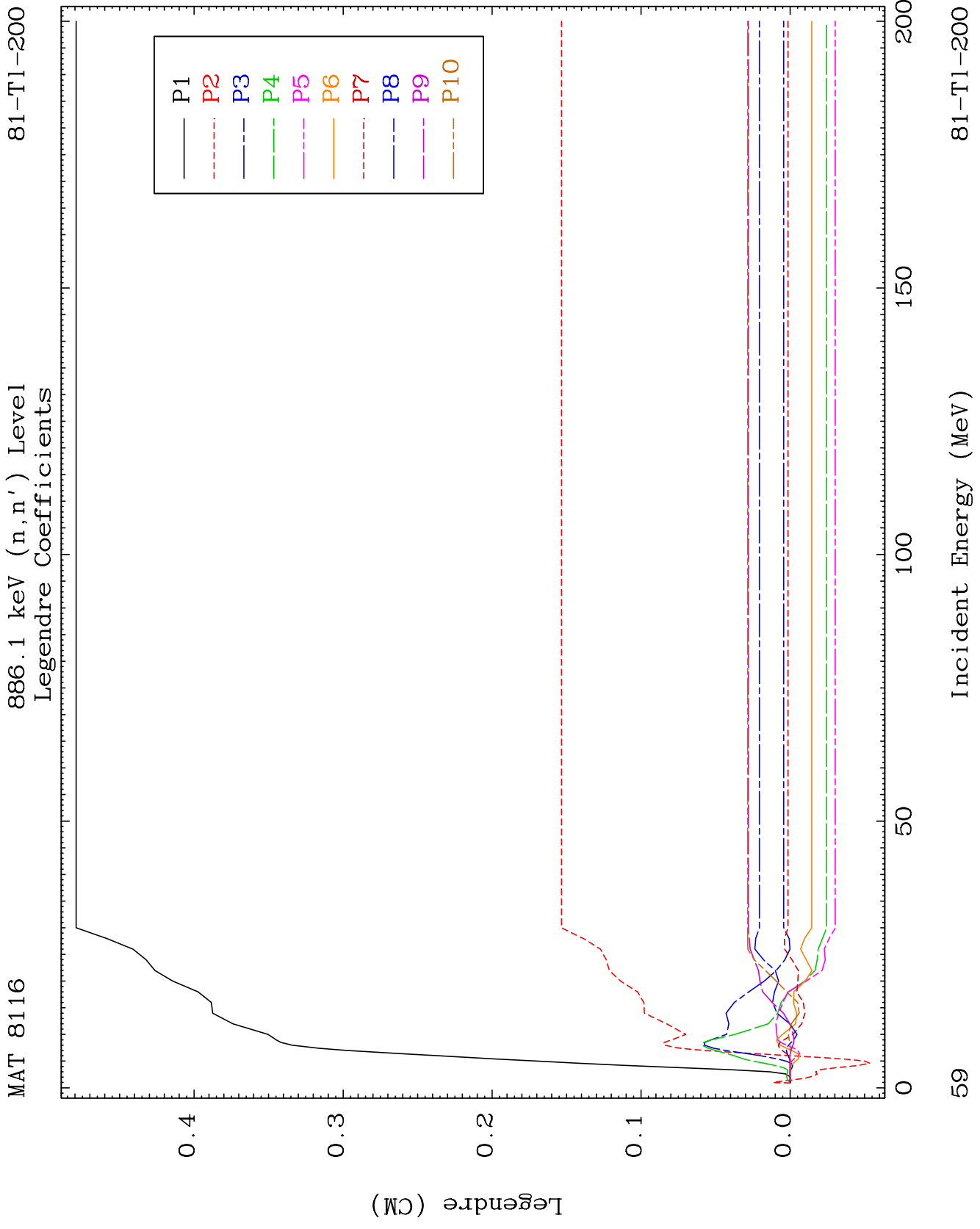


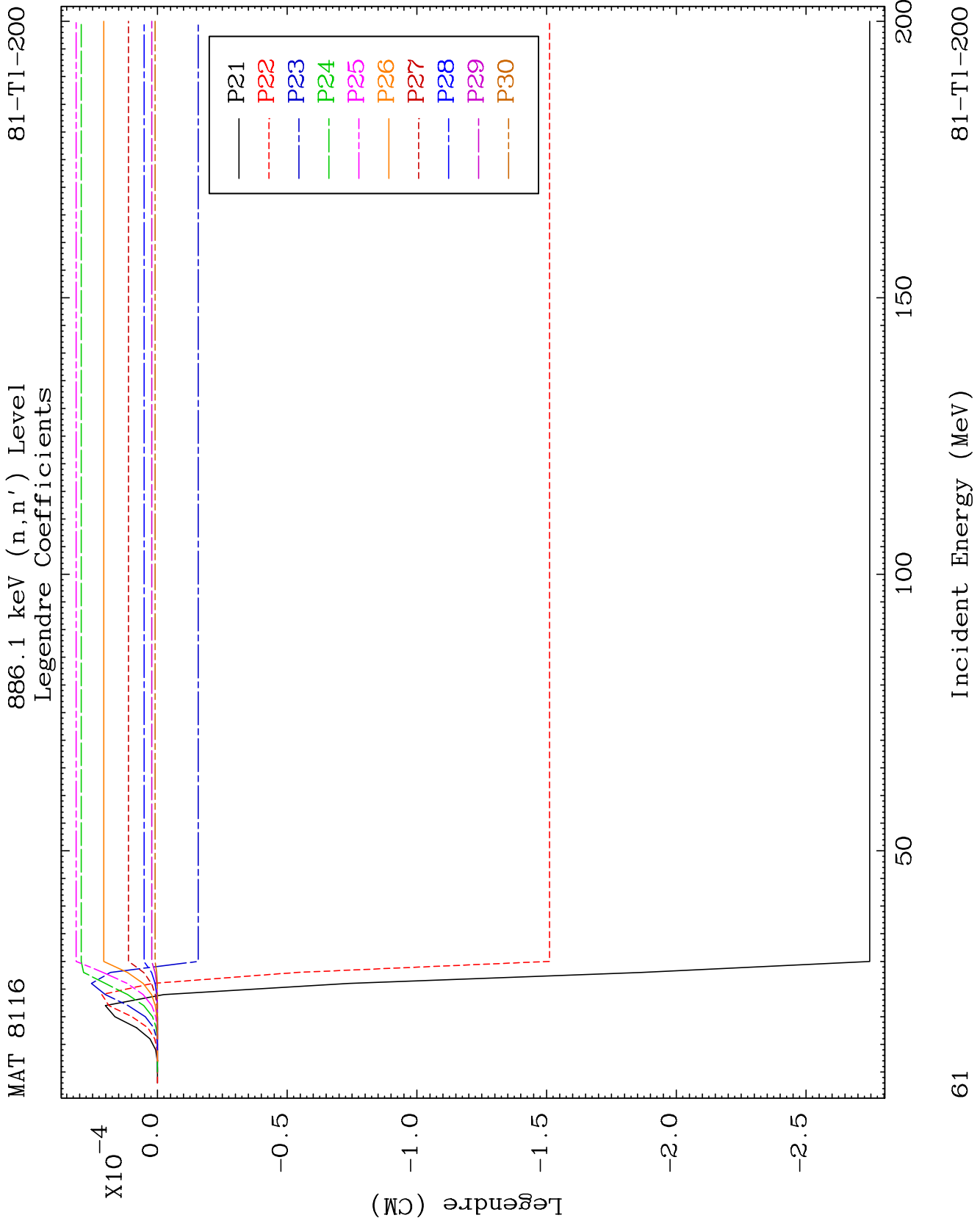
57

Incident Energy (MeV)

81-T1-200



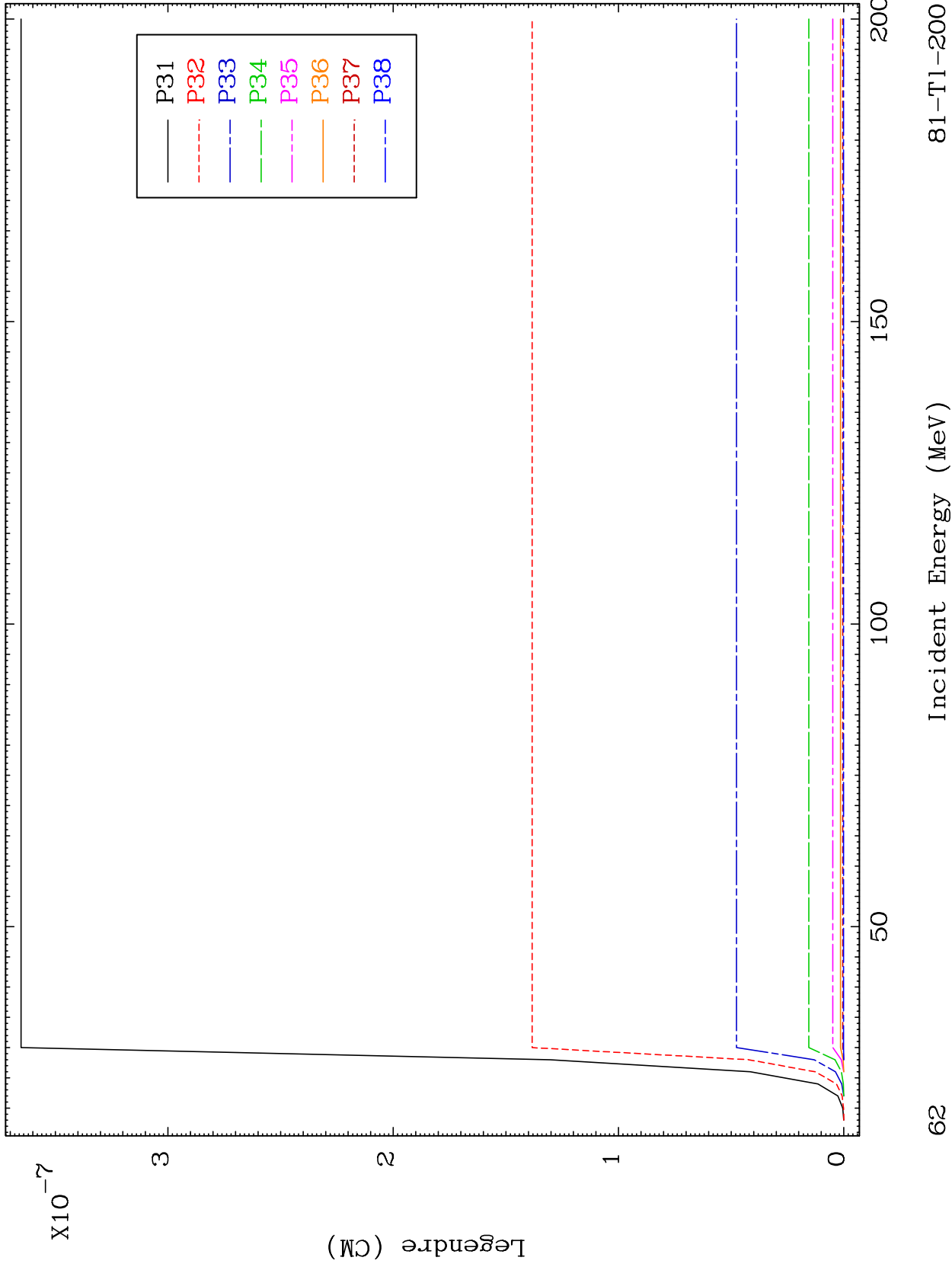




MAT 8116

886.1 keV (n,n') Level
Legendre Coefficients

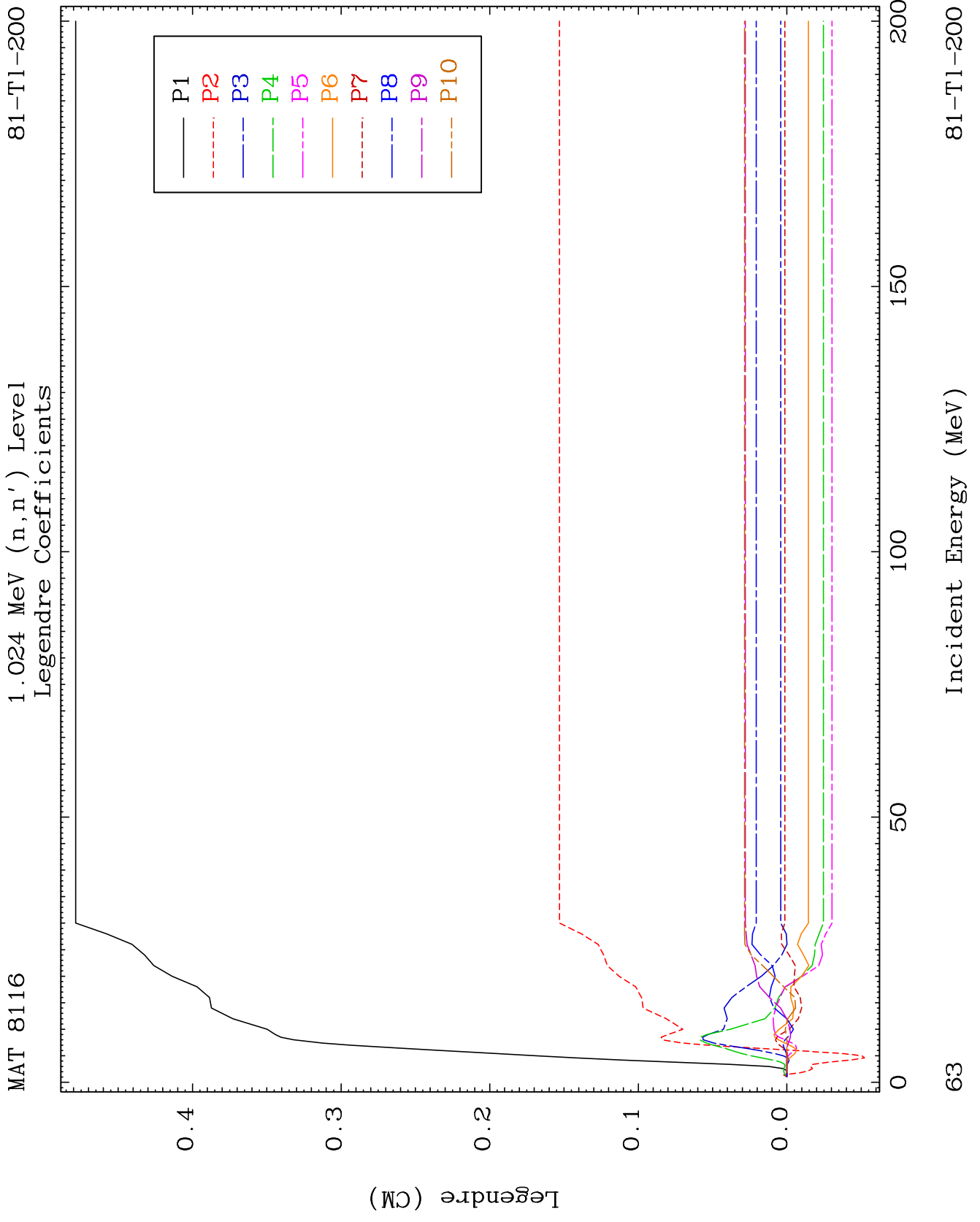
81-T1-200



62

Incident Energy (MeV)

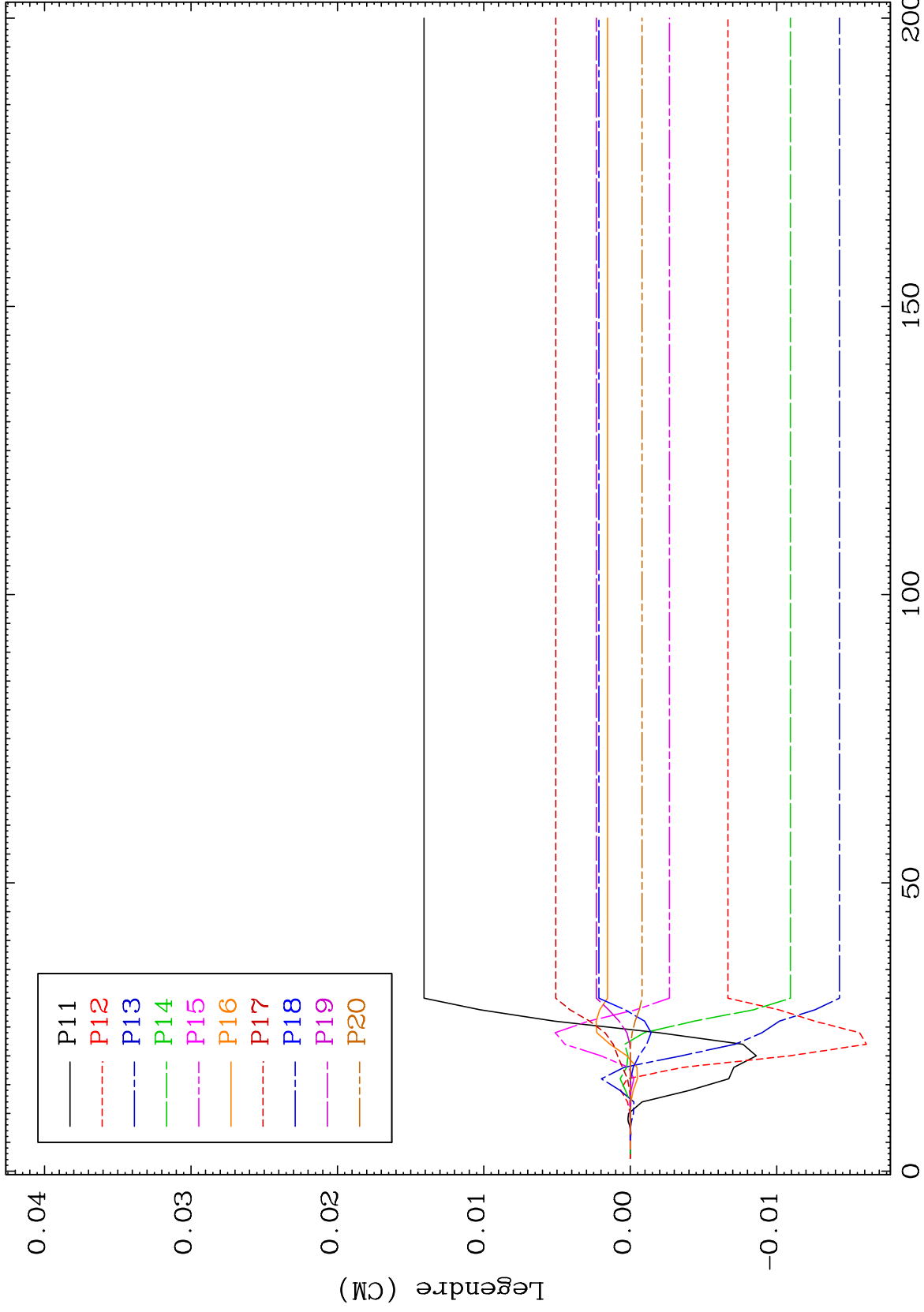
81-T1-200



MAT 8116

1.024 MeV (n,n') Level
Legendre Coefficients

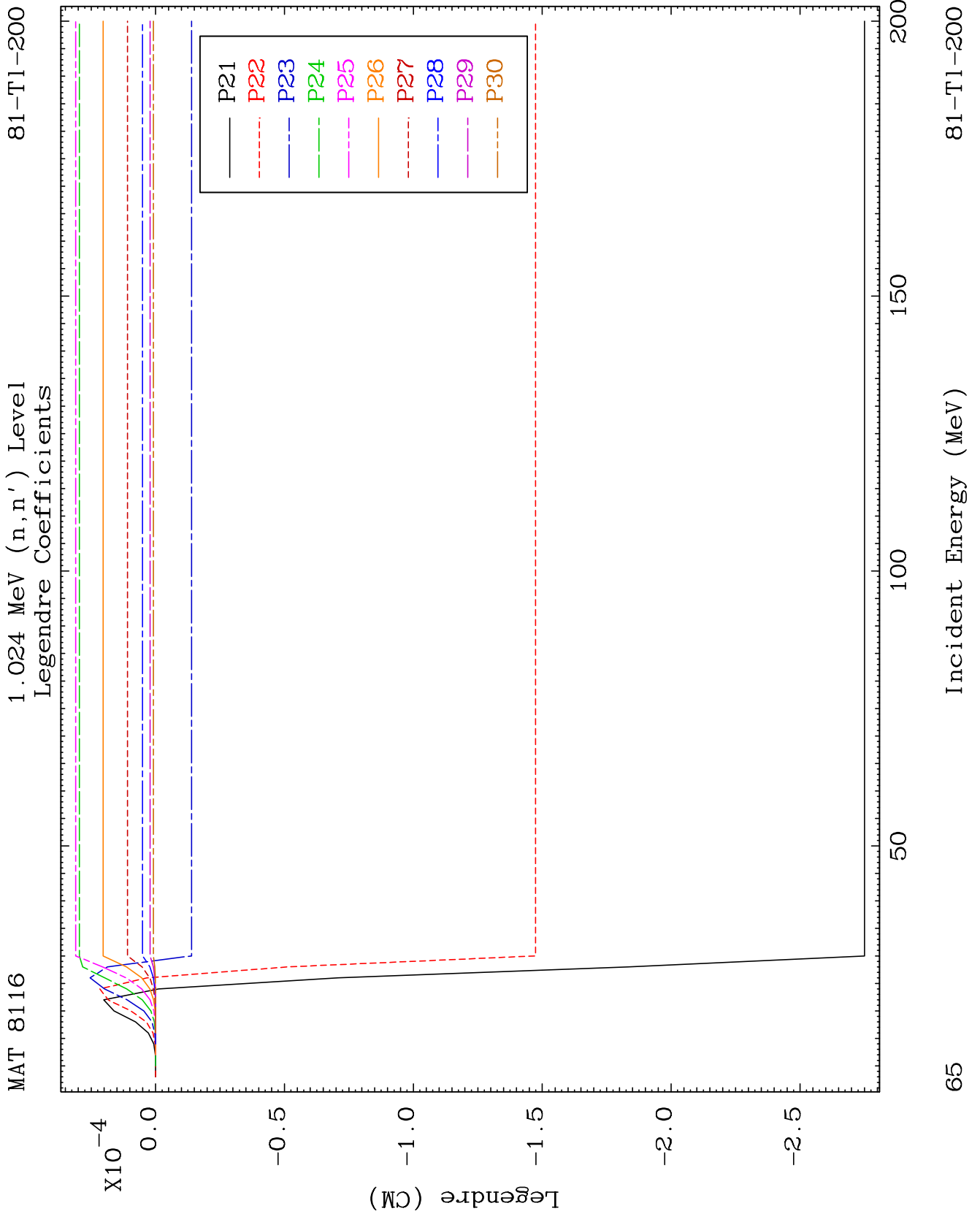
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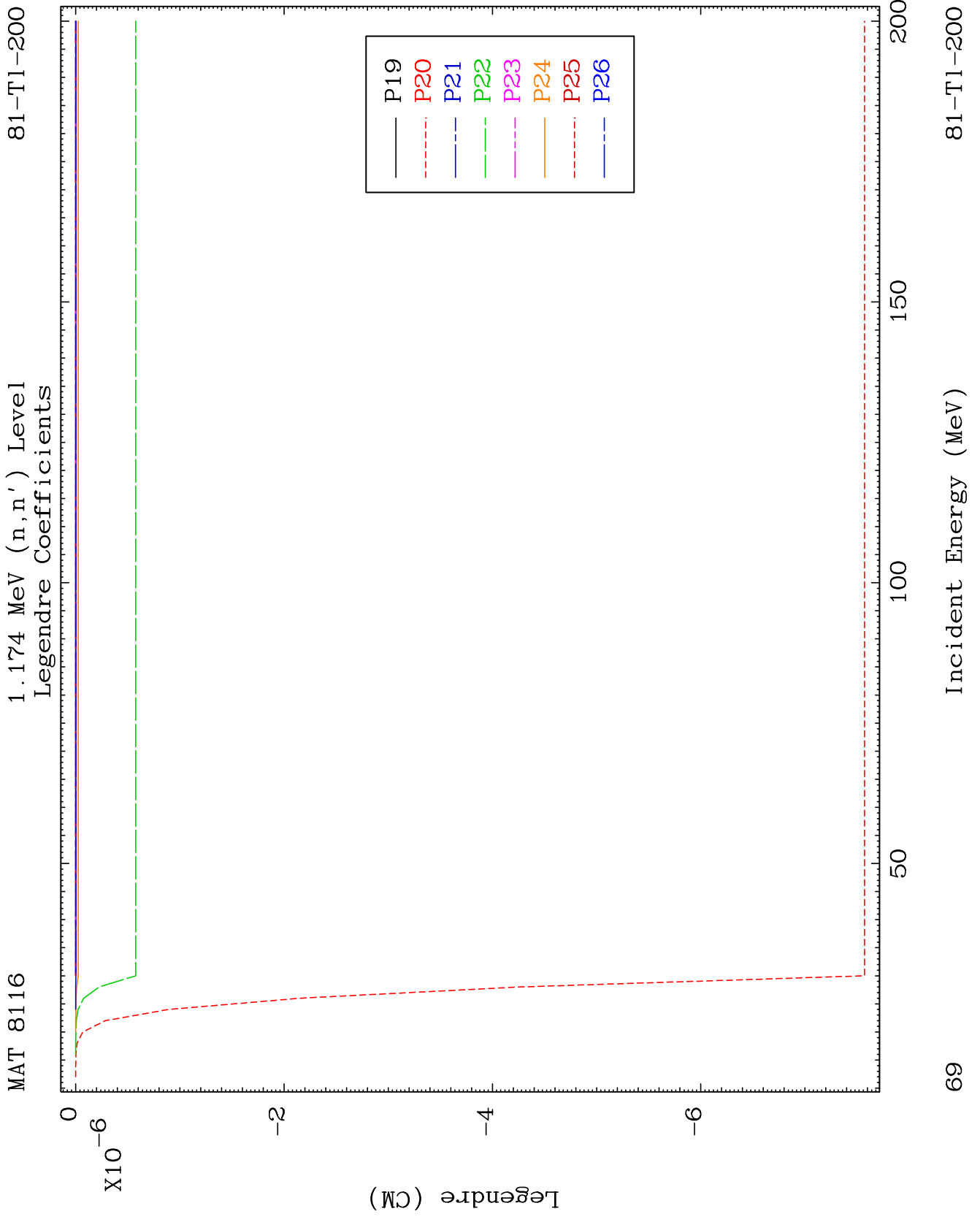


64

Incident Energy (MeV)

81-T1-200

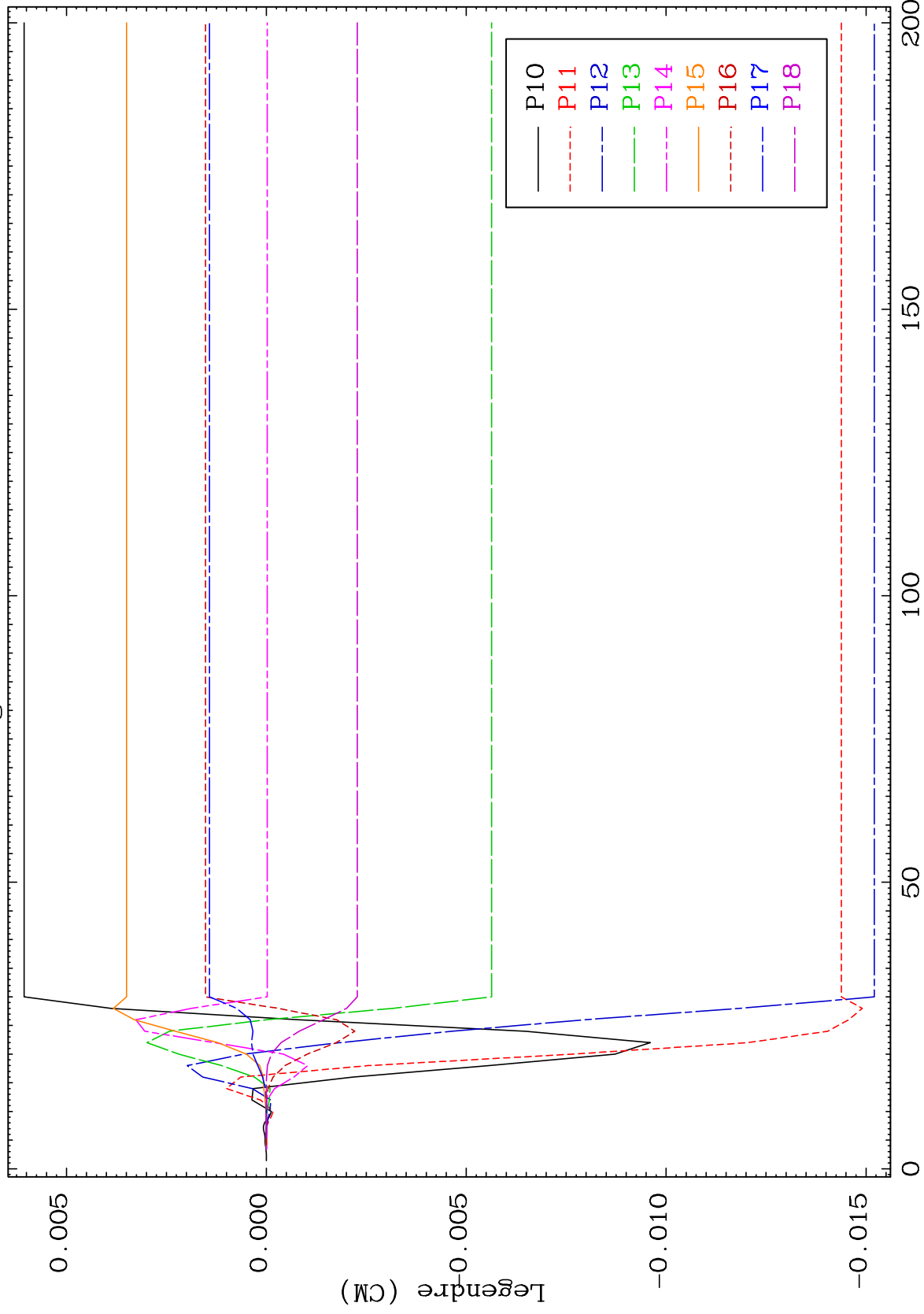




MAT 81116

1.244 MeV (n,n') Level
Legendre Coefficients

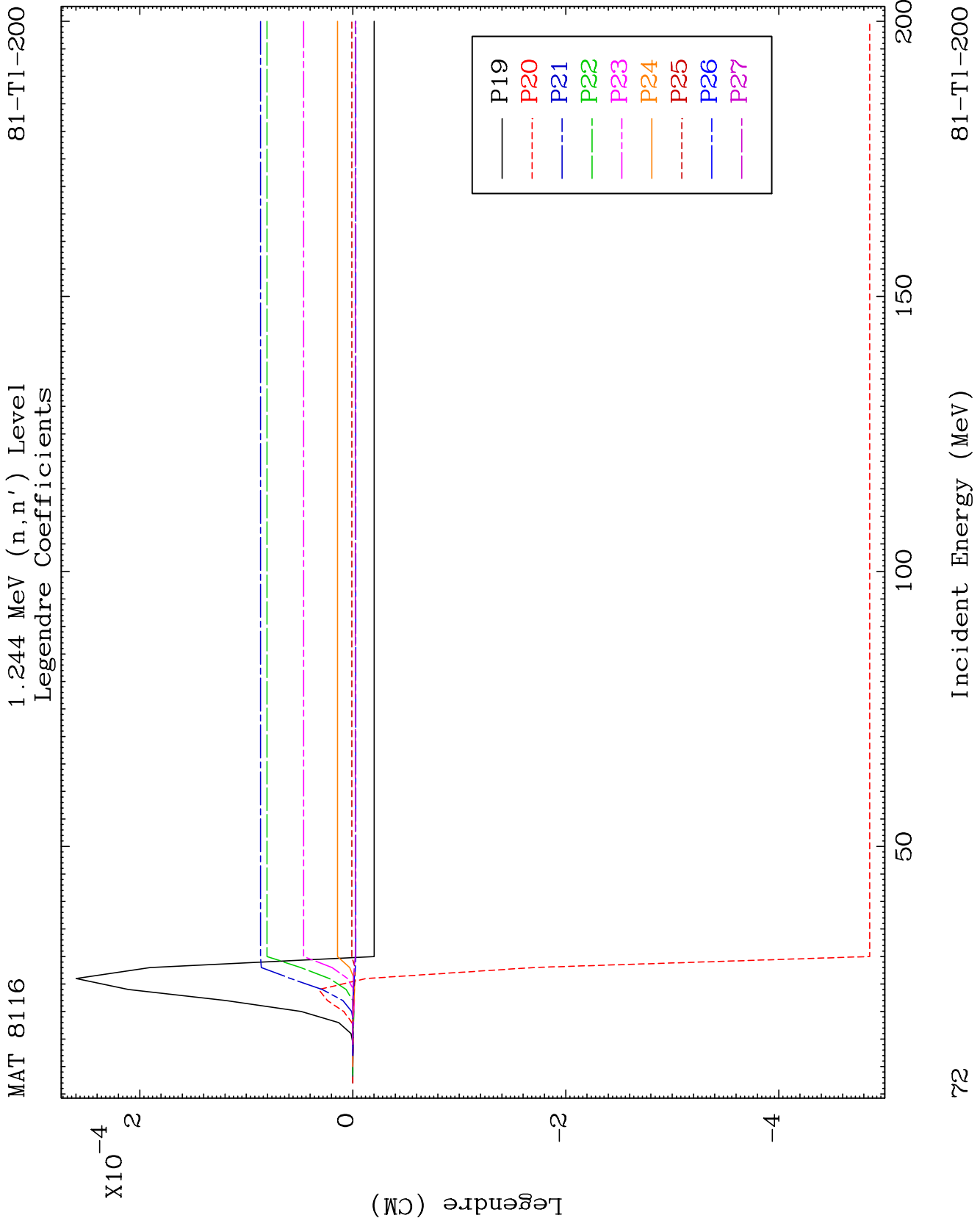
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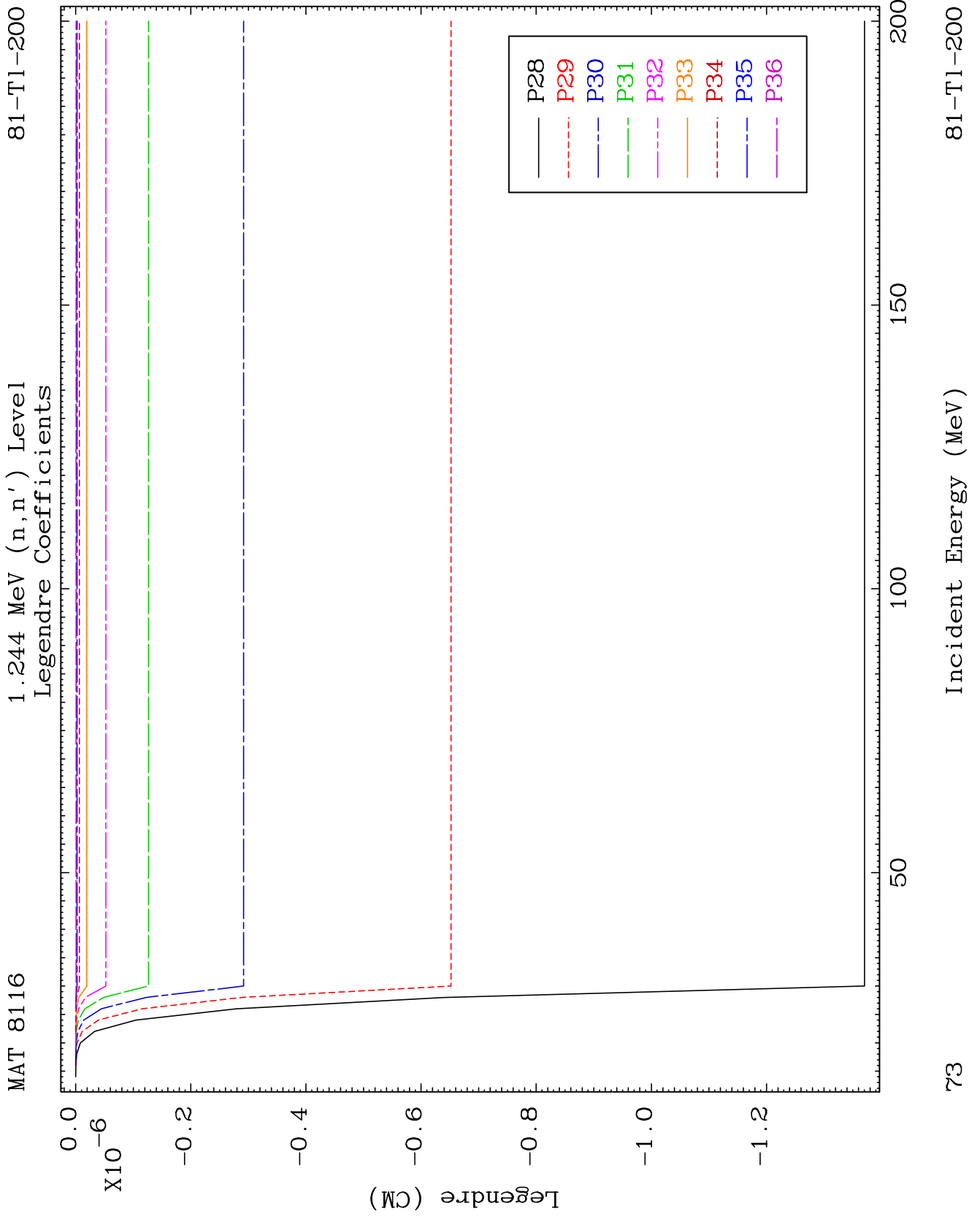


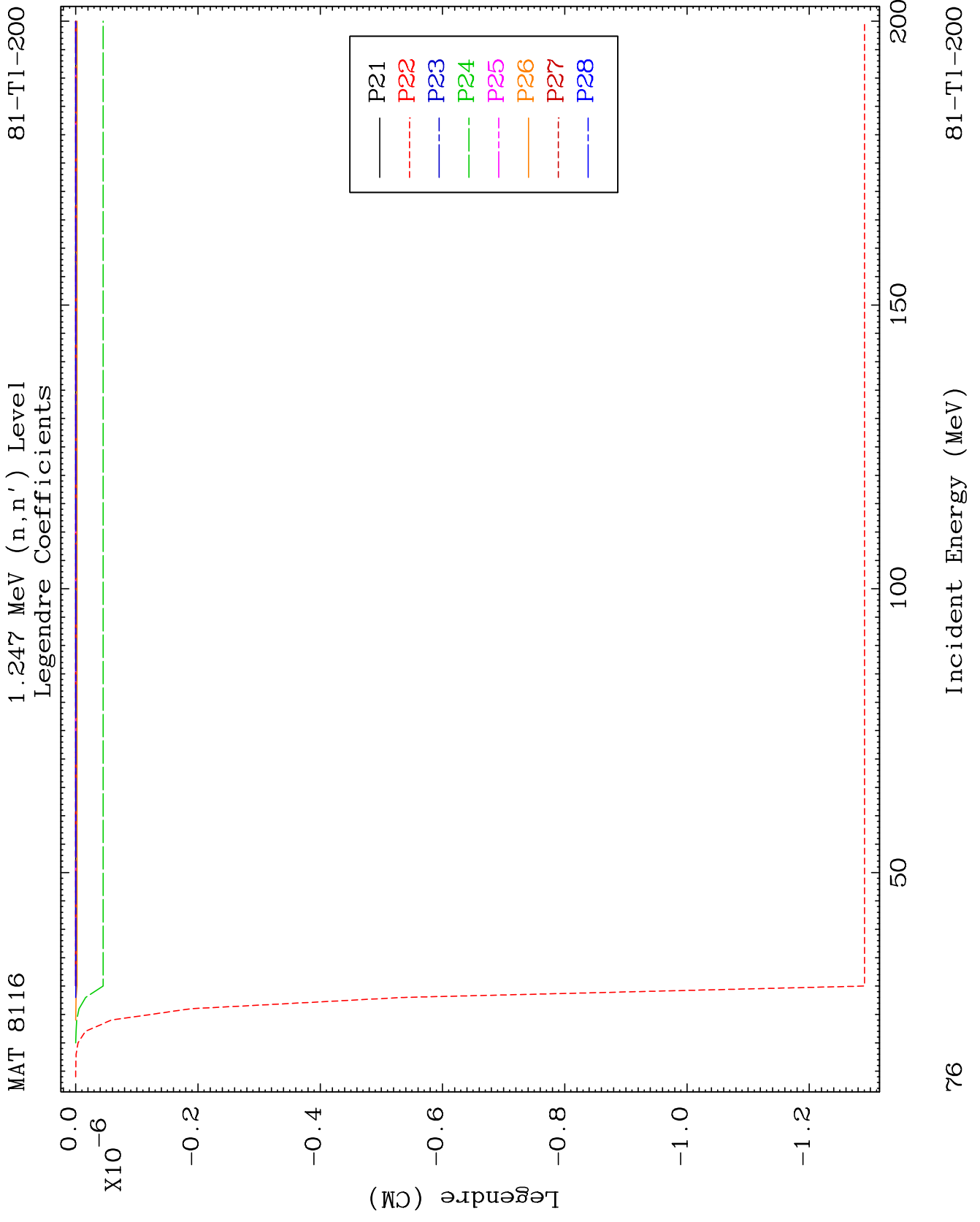
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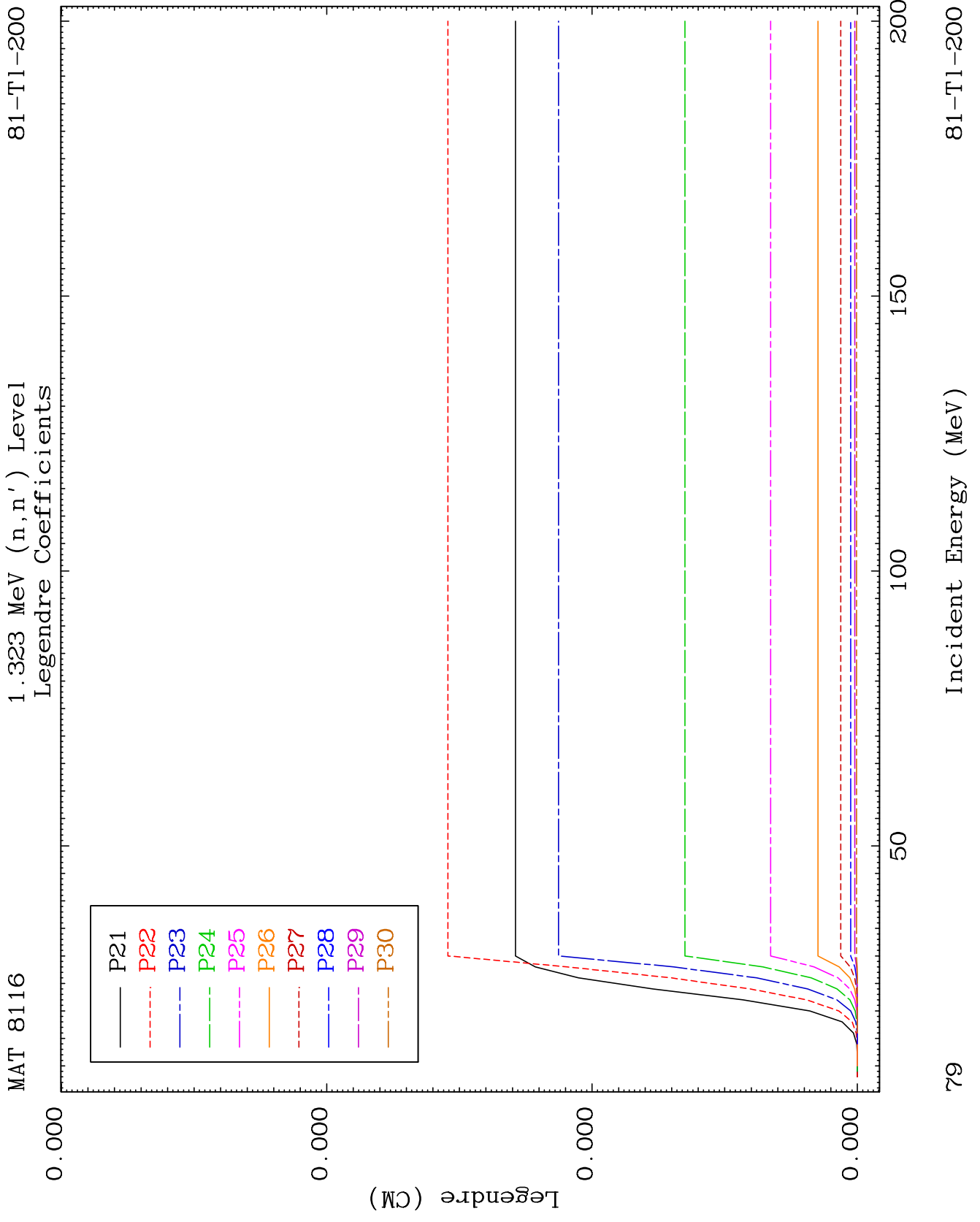
Incident Energy (MeV)

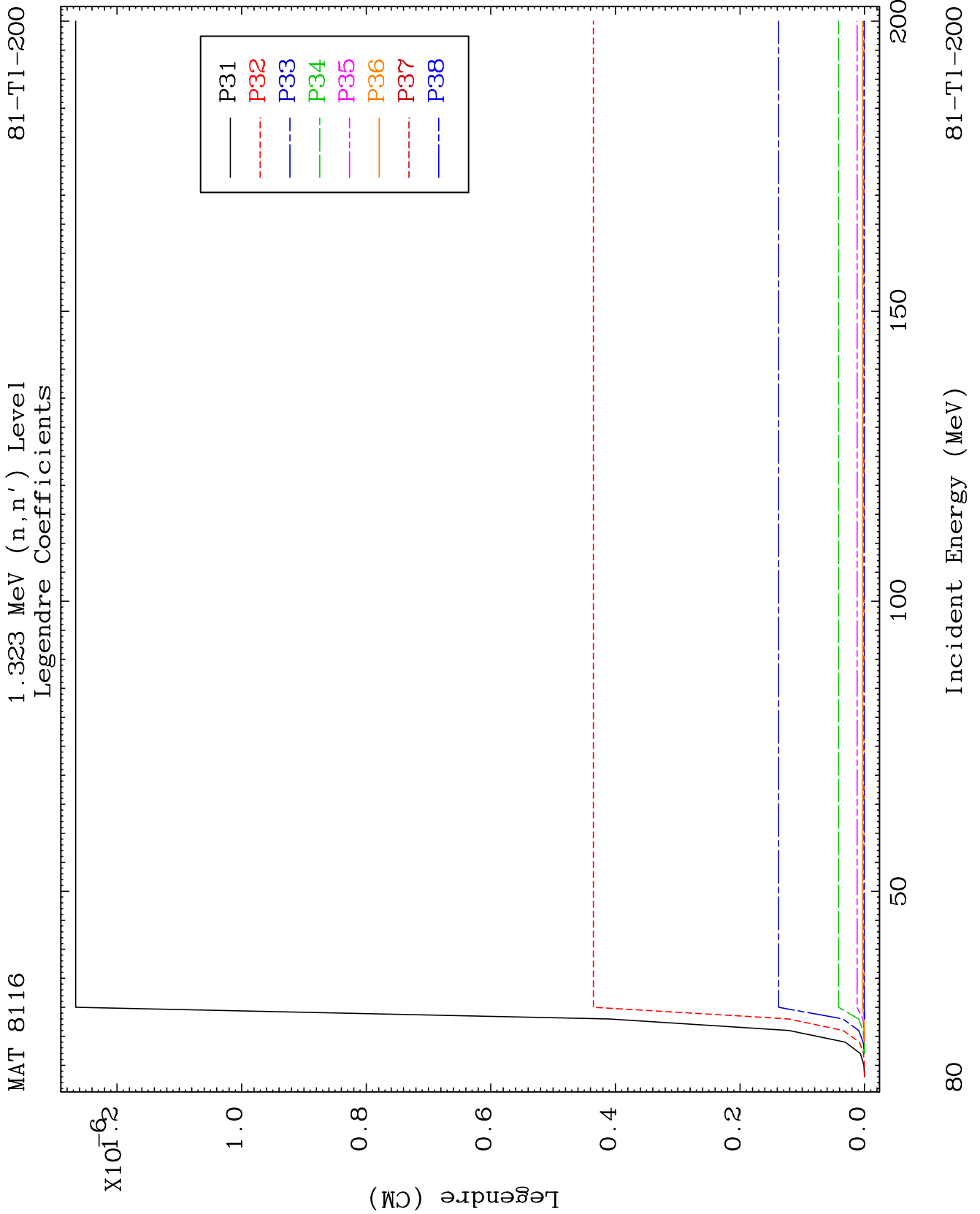
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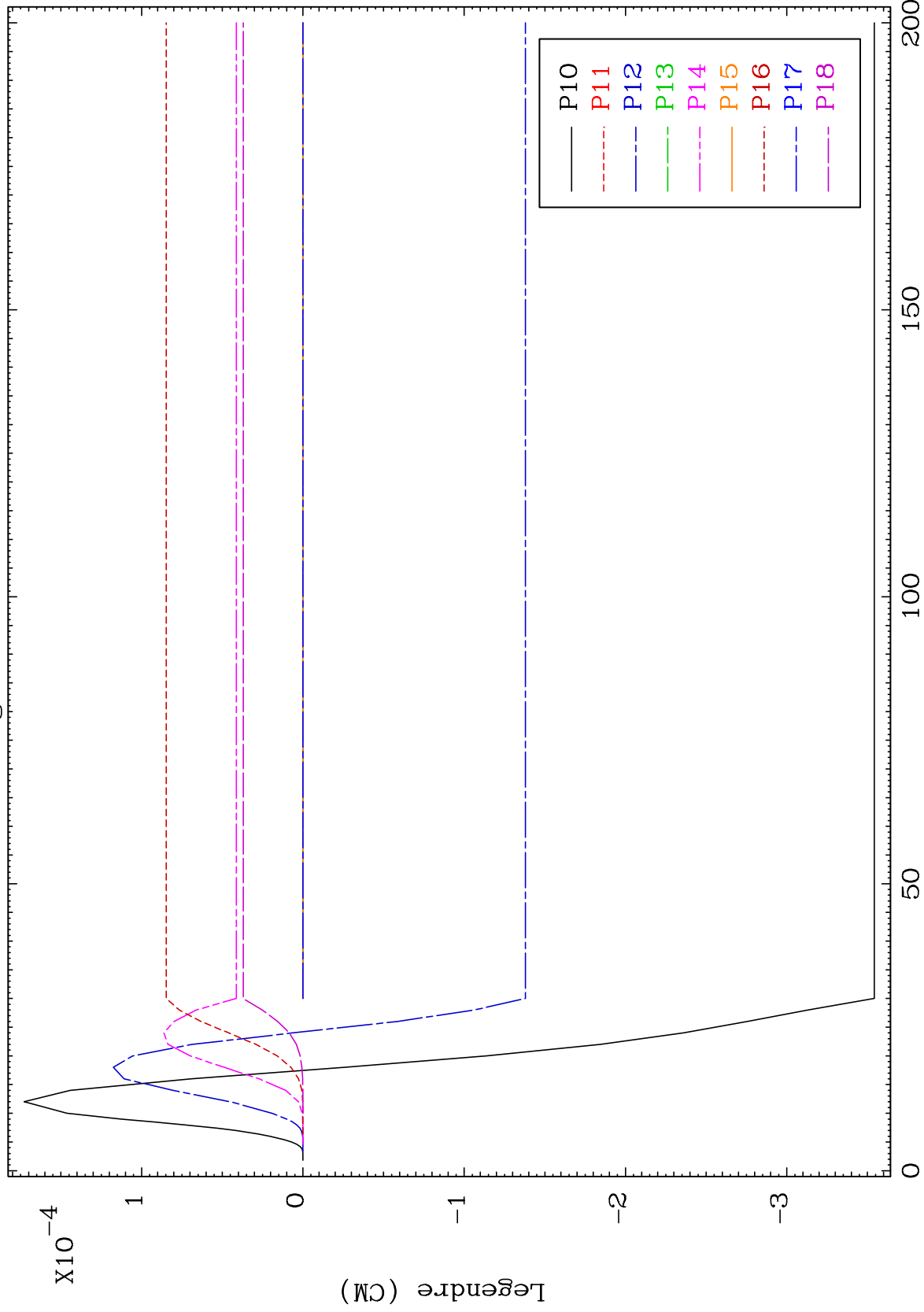




MAT 81116

1.349 MeV (n,n') Level
Legendre Coefficients

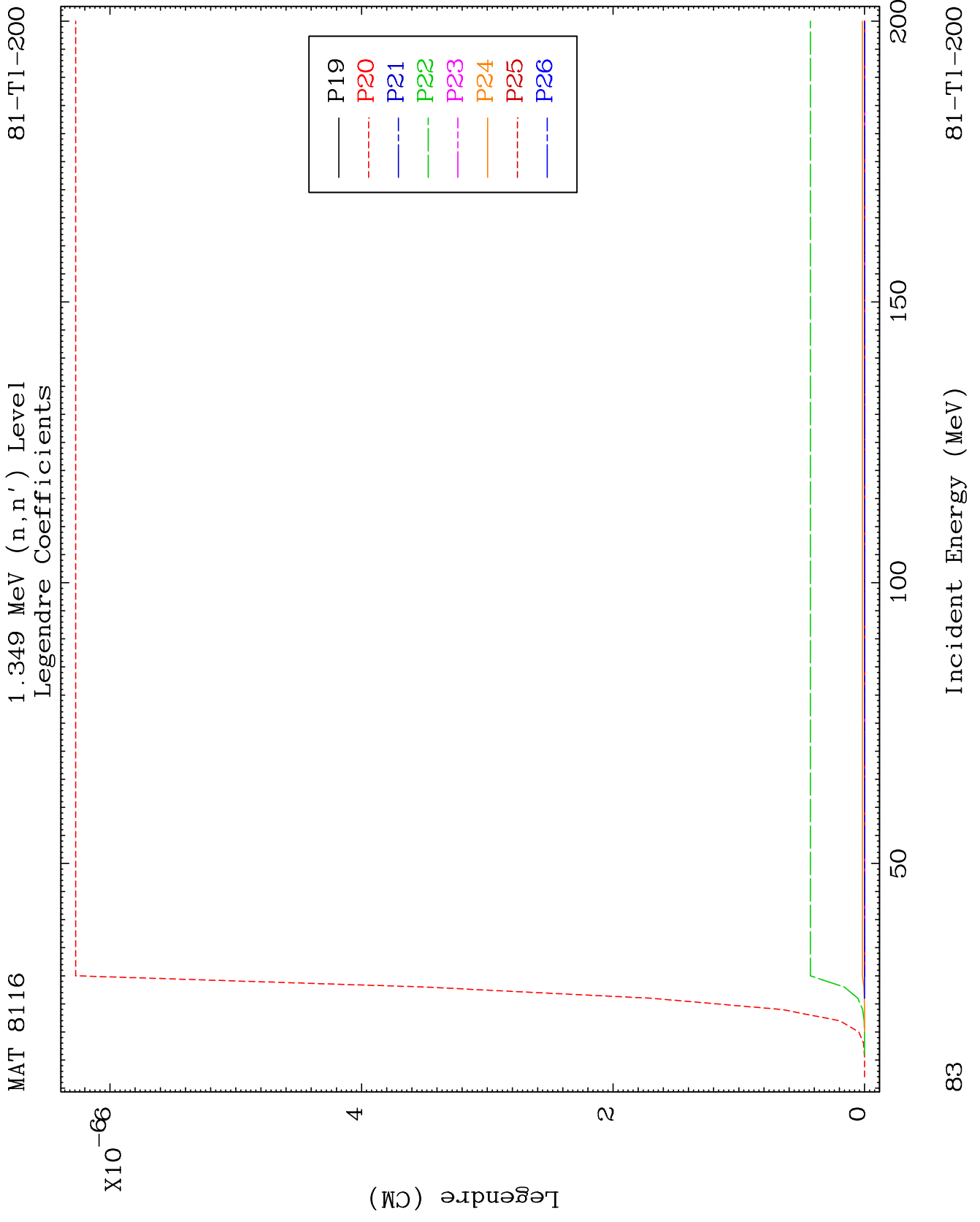
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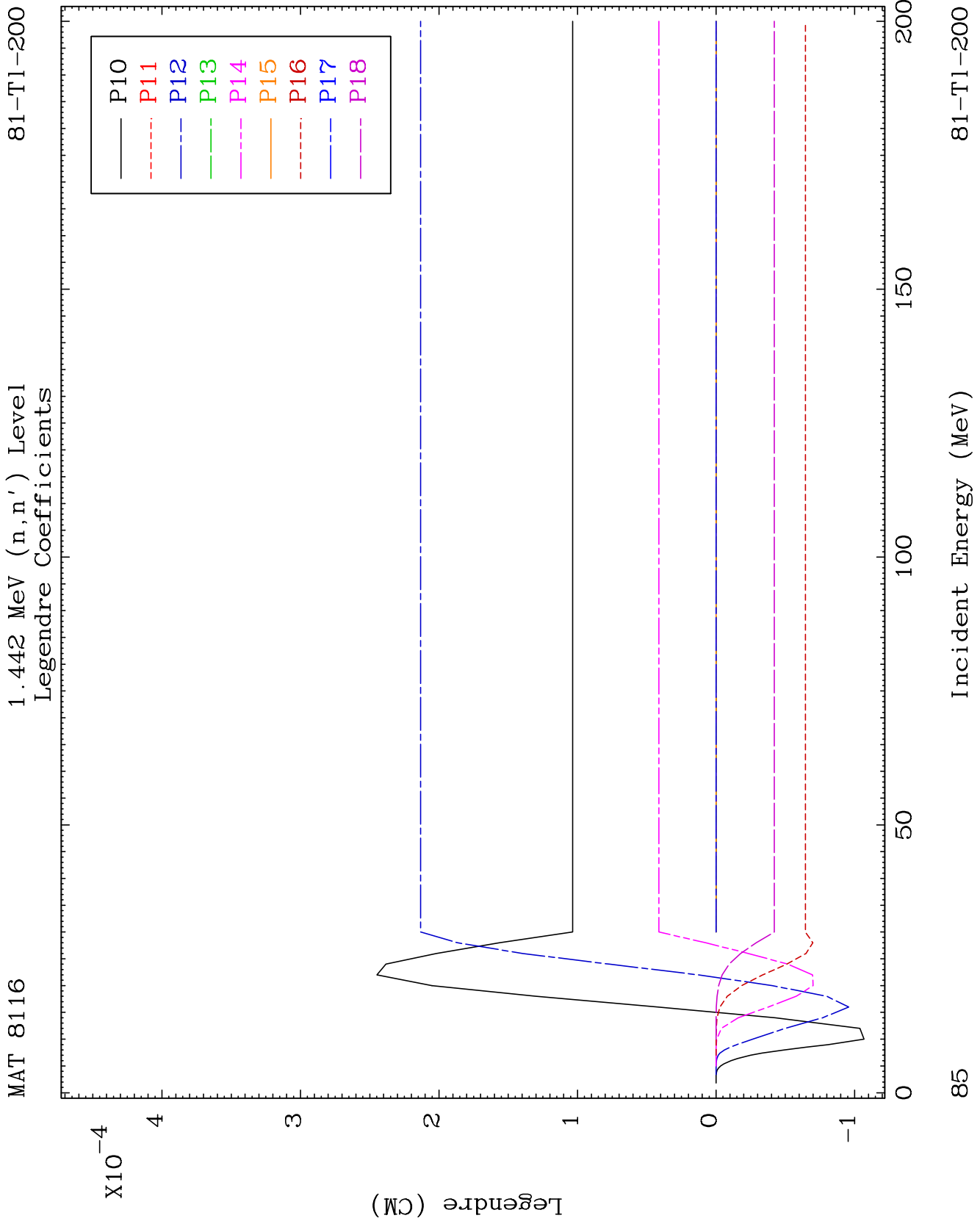


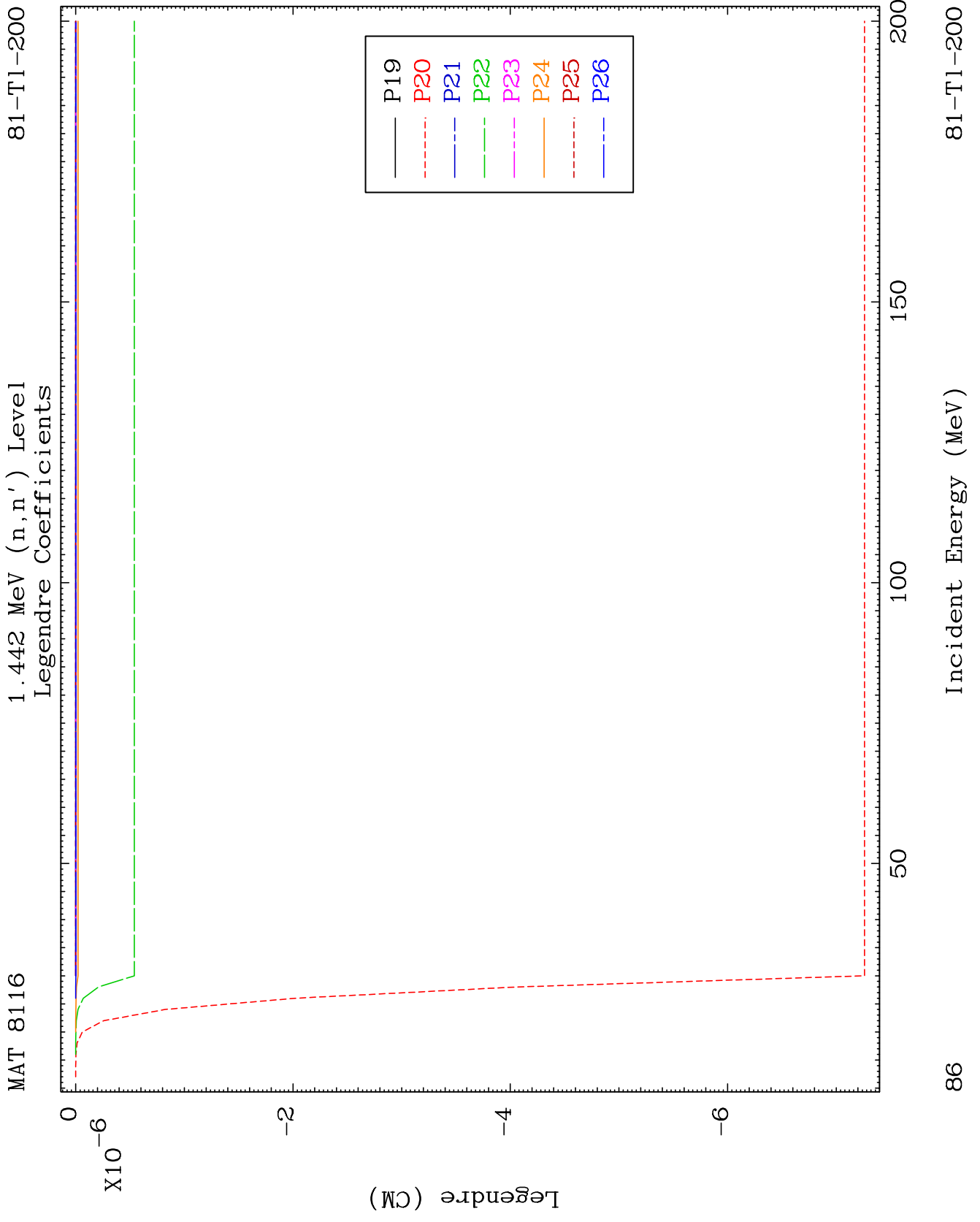
82

Incident Energy (MeV)

81-T1-200



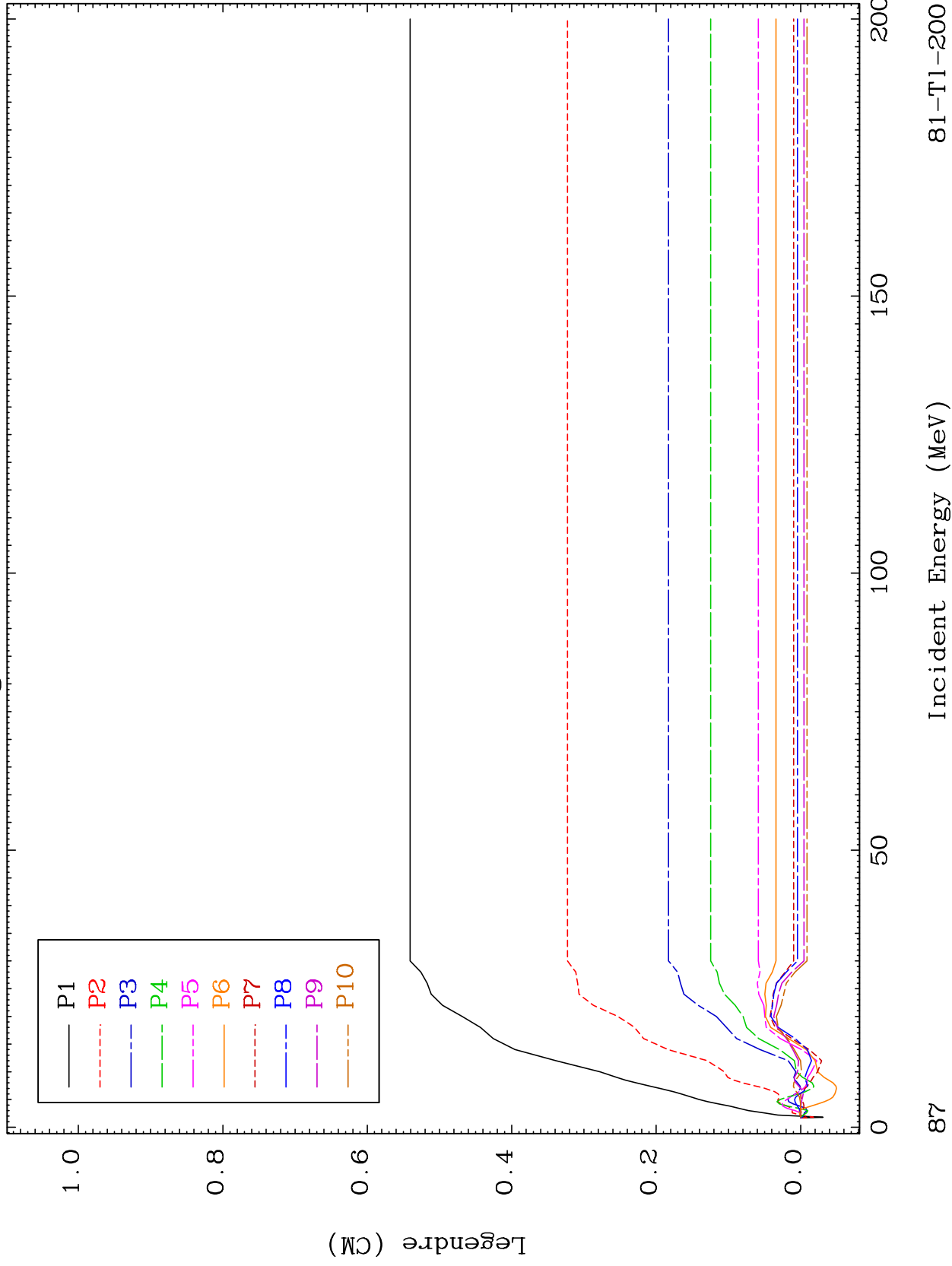




MAT 81116

1.659 MeV (n,n') Level
Legendre Coefficients

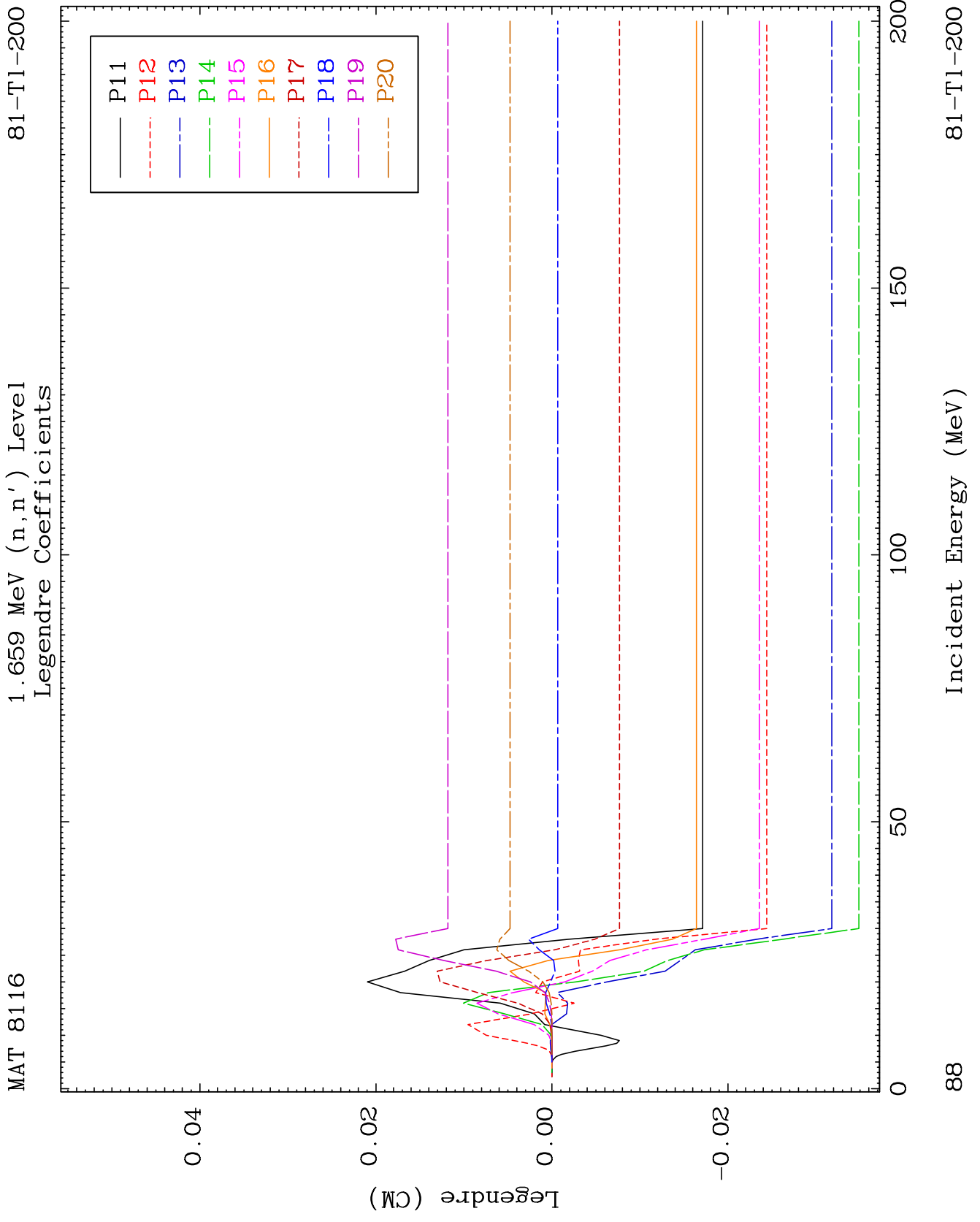
81-T1-200



87

Incident Energy (MeV)

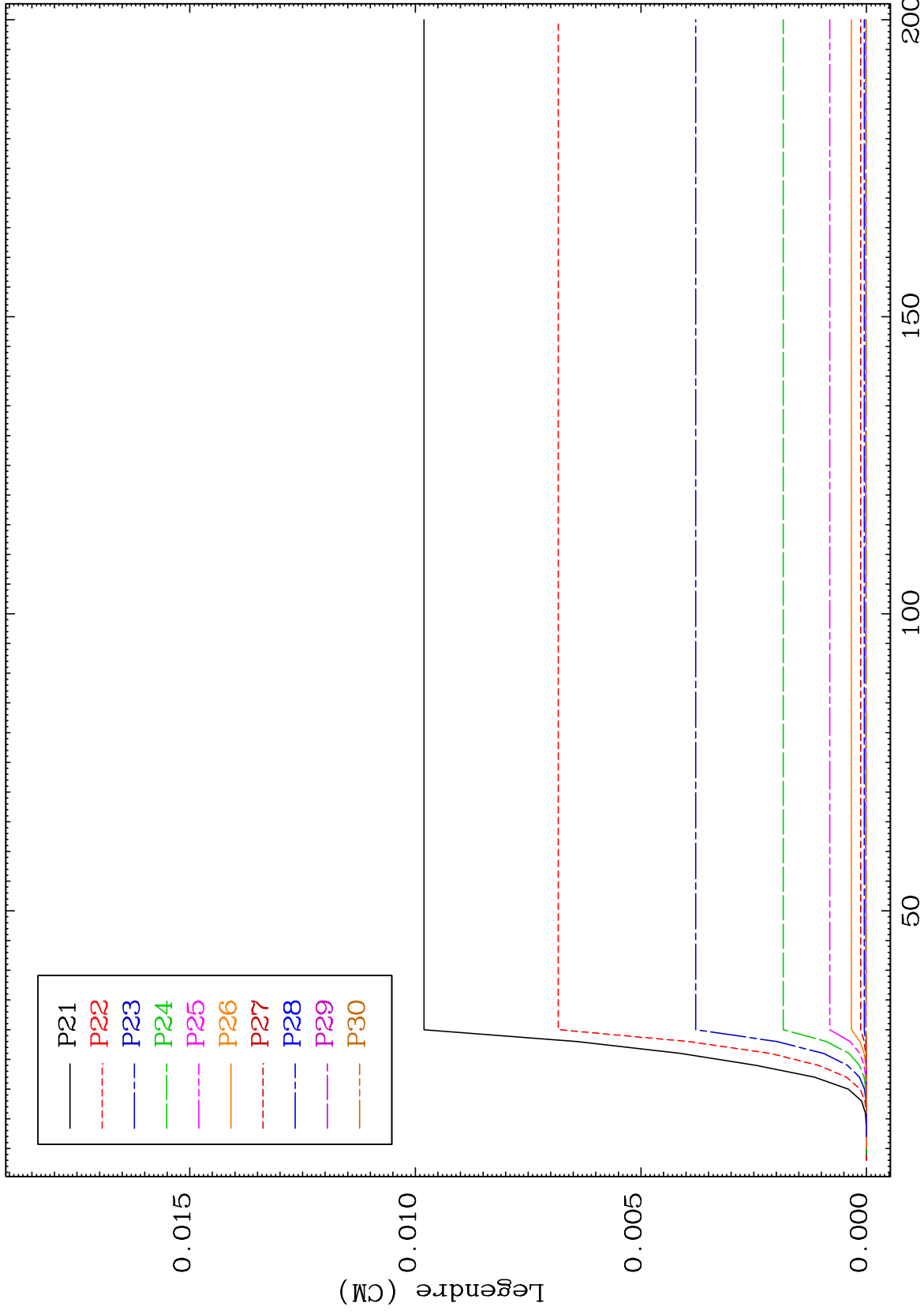
81-T1-200



MAT 81116

1.659 MeV (n,n') Level
Legendre Coefficients

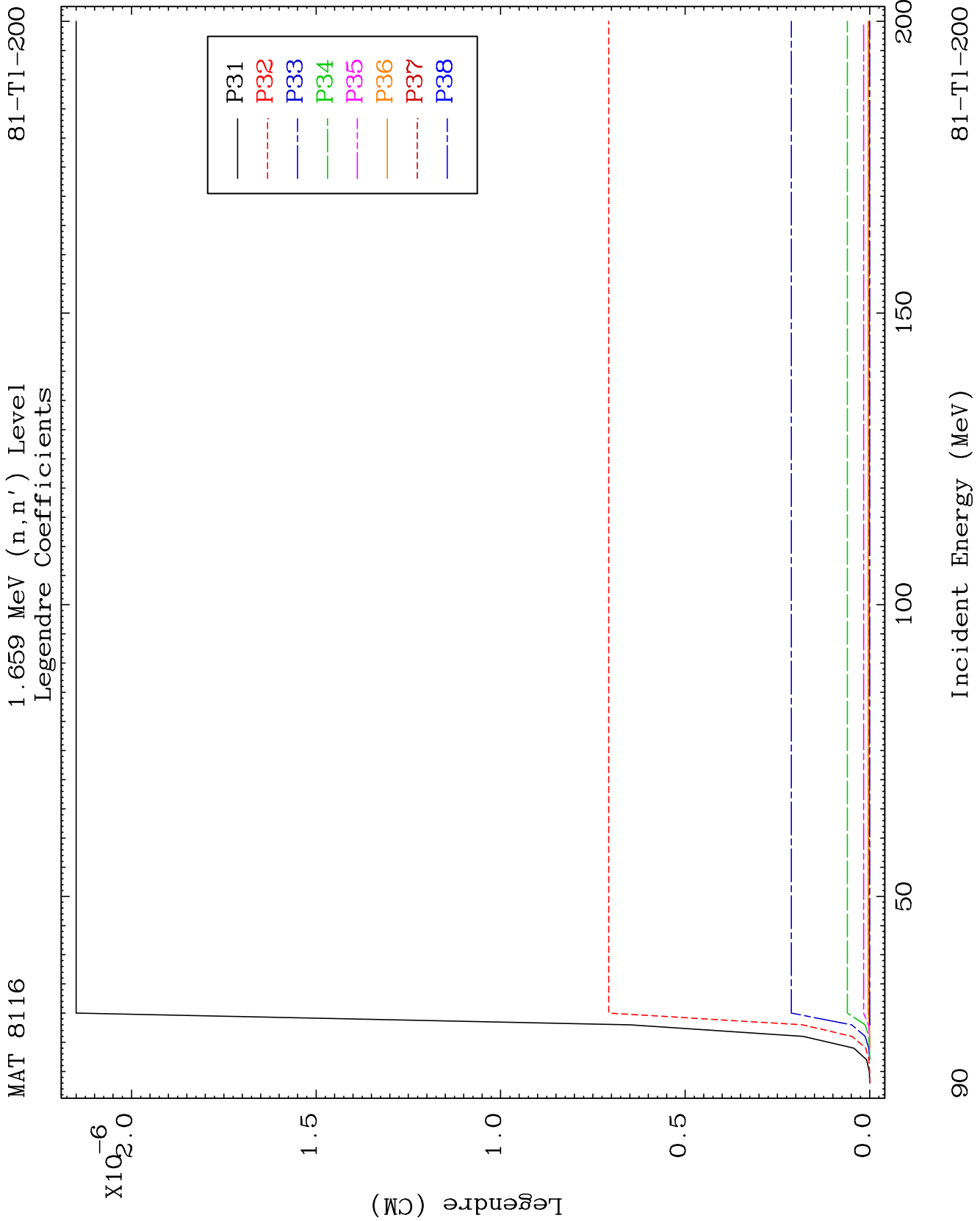
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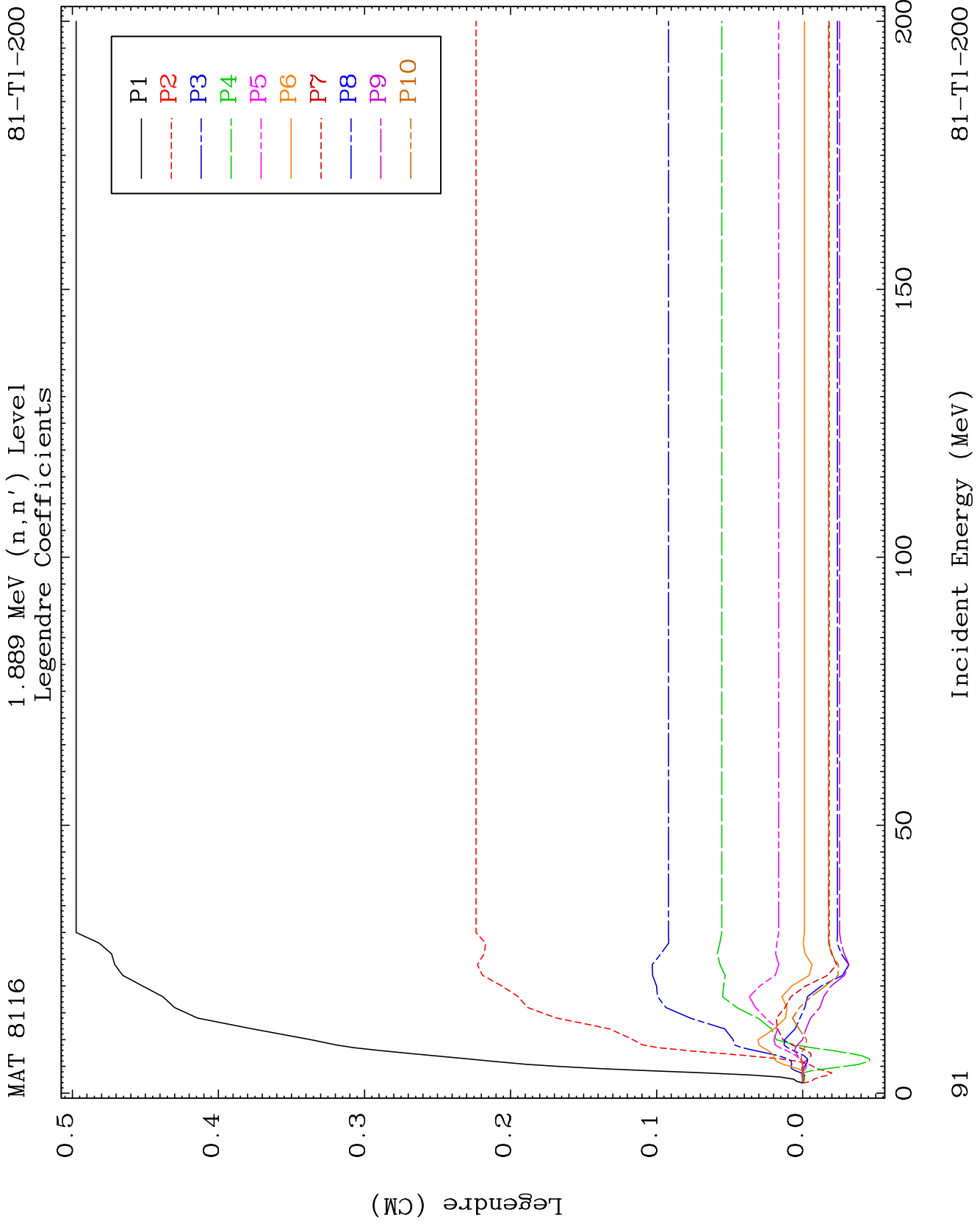


89

Incident Energy (MeV)

81-T1-200

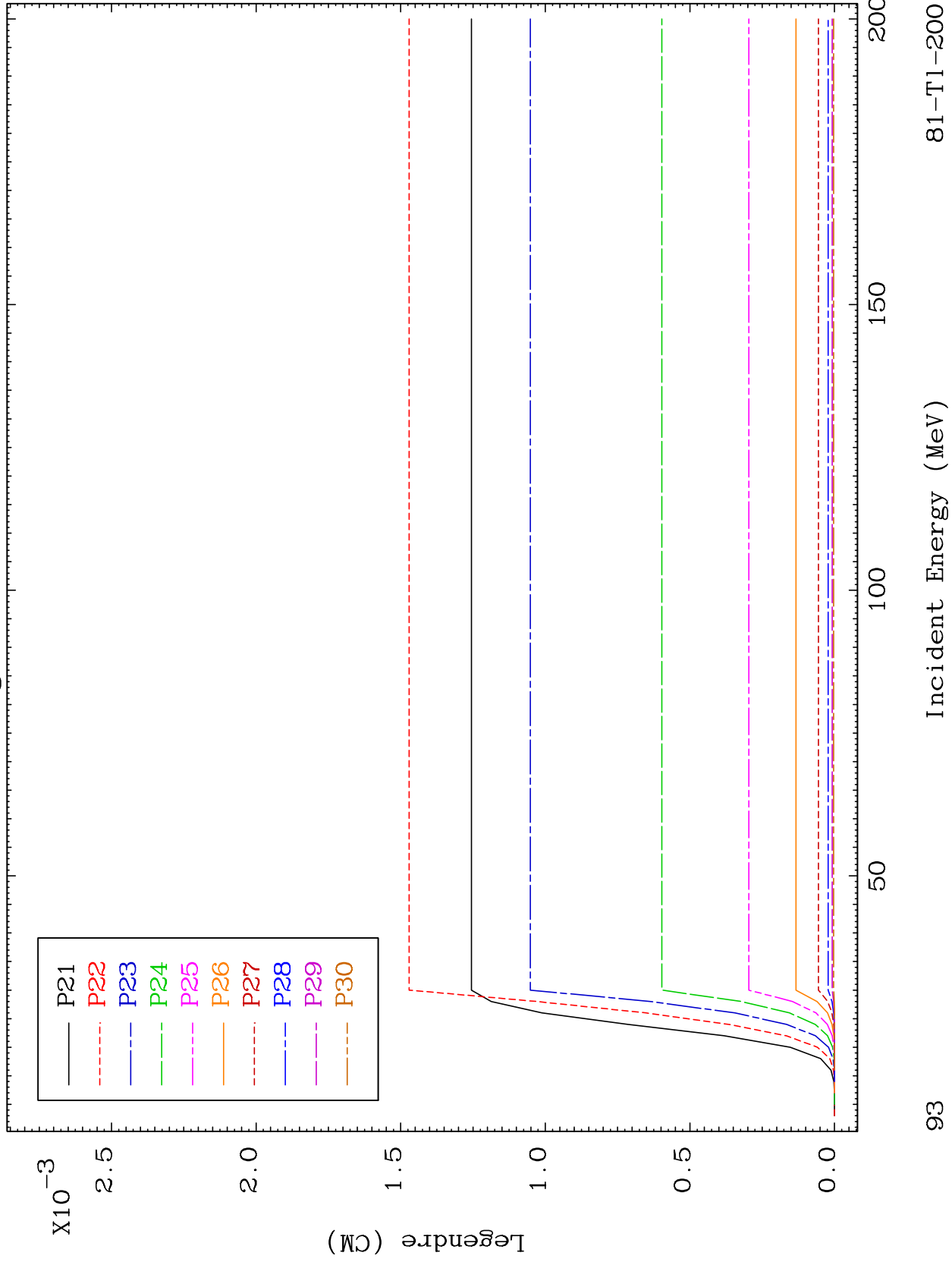


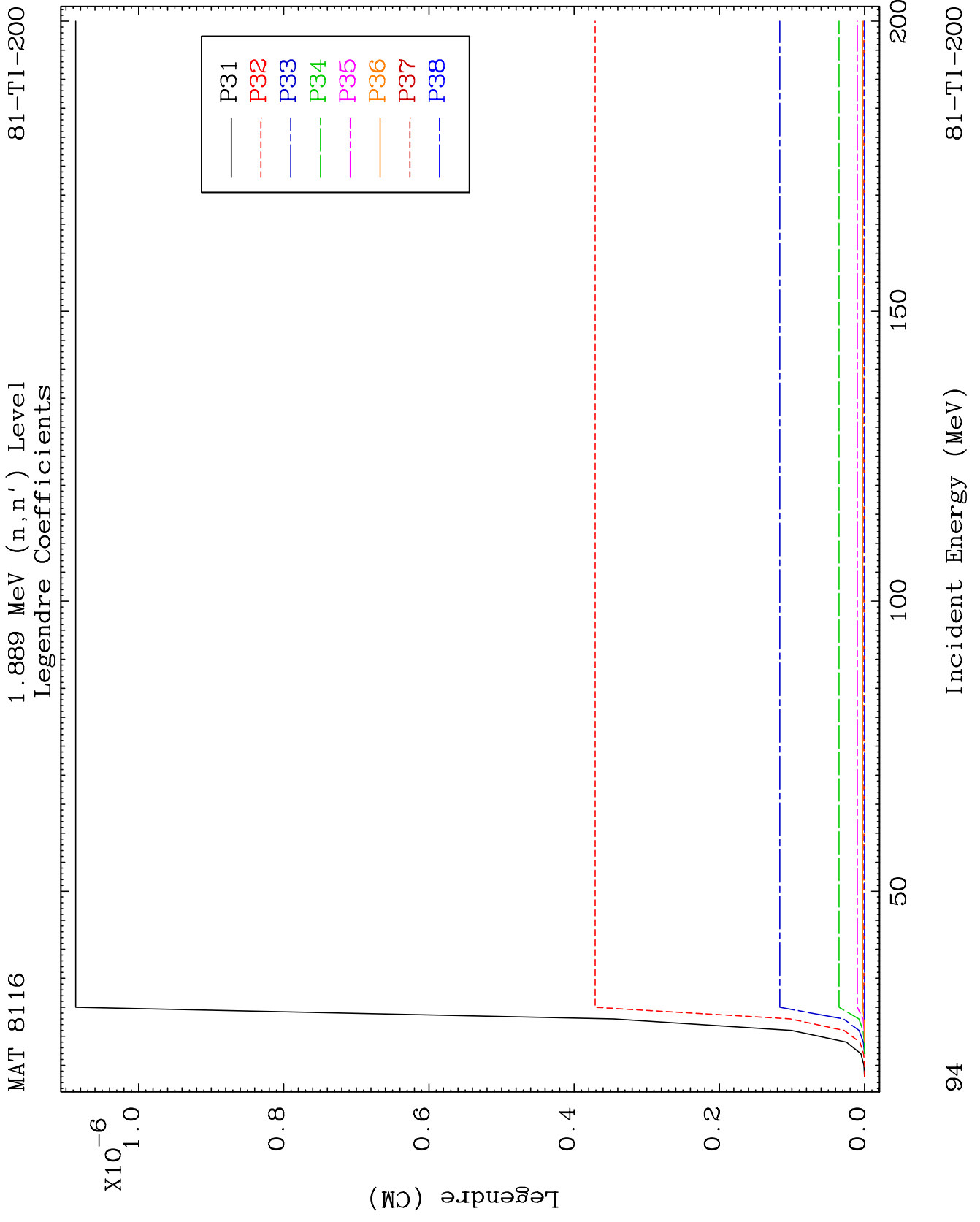


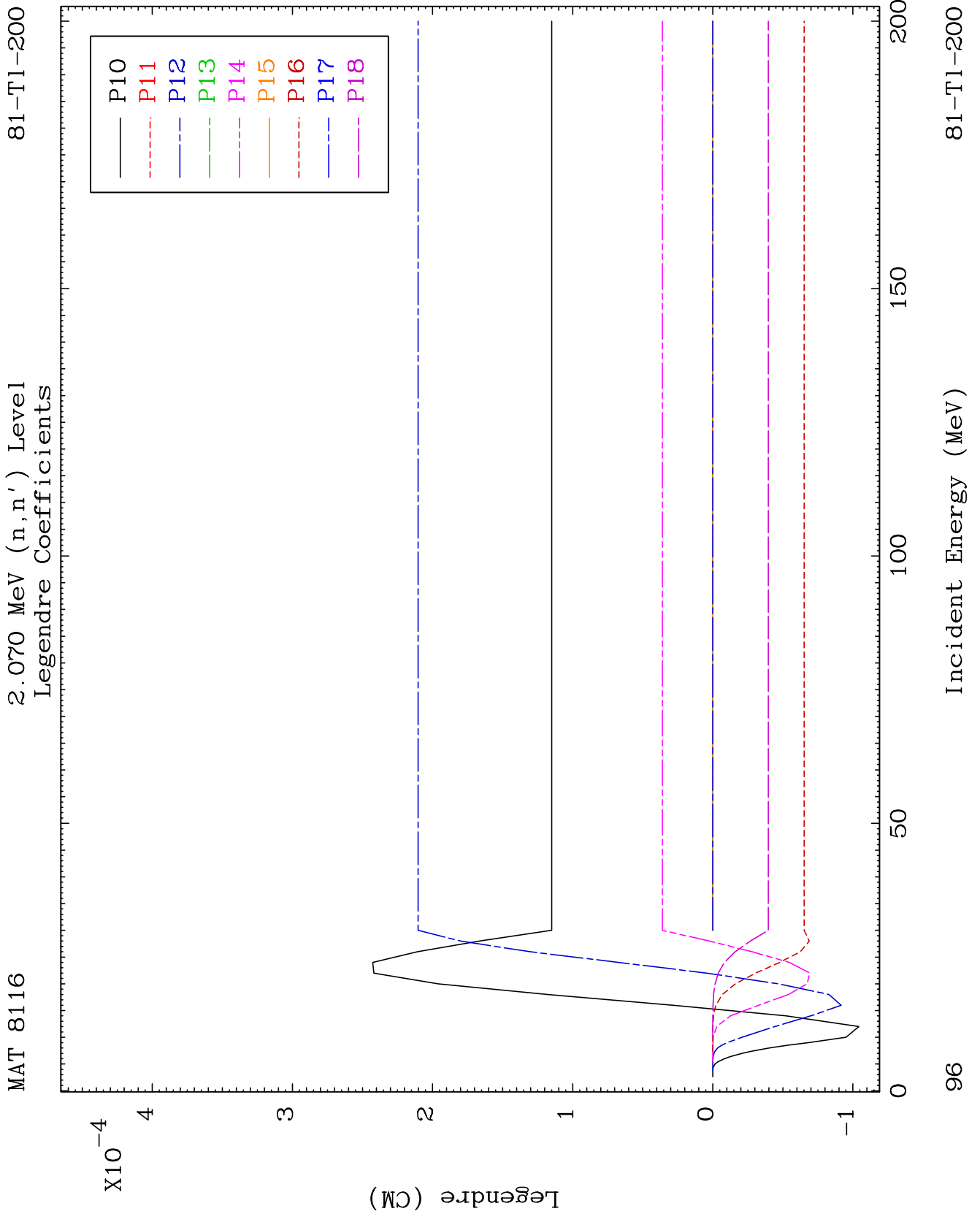
MAT 8116

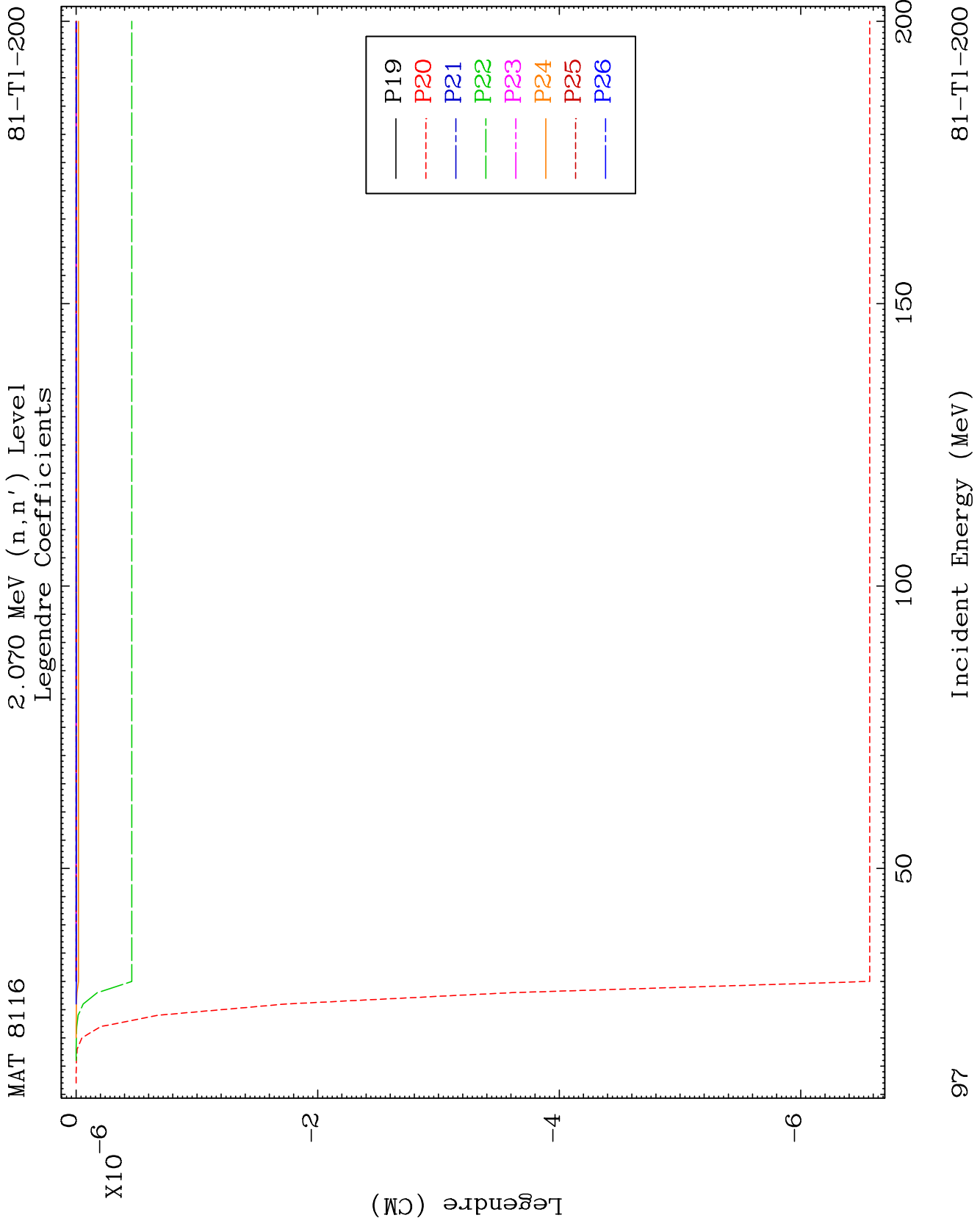
1.889 MeV (n,n') Level
Legendre Coefficients

81-T1-200





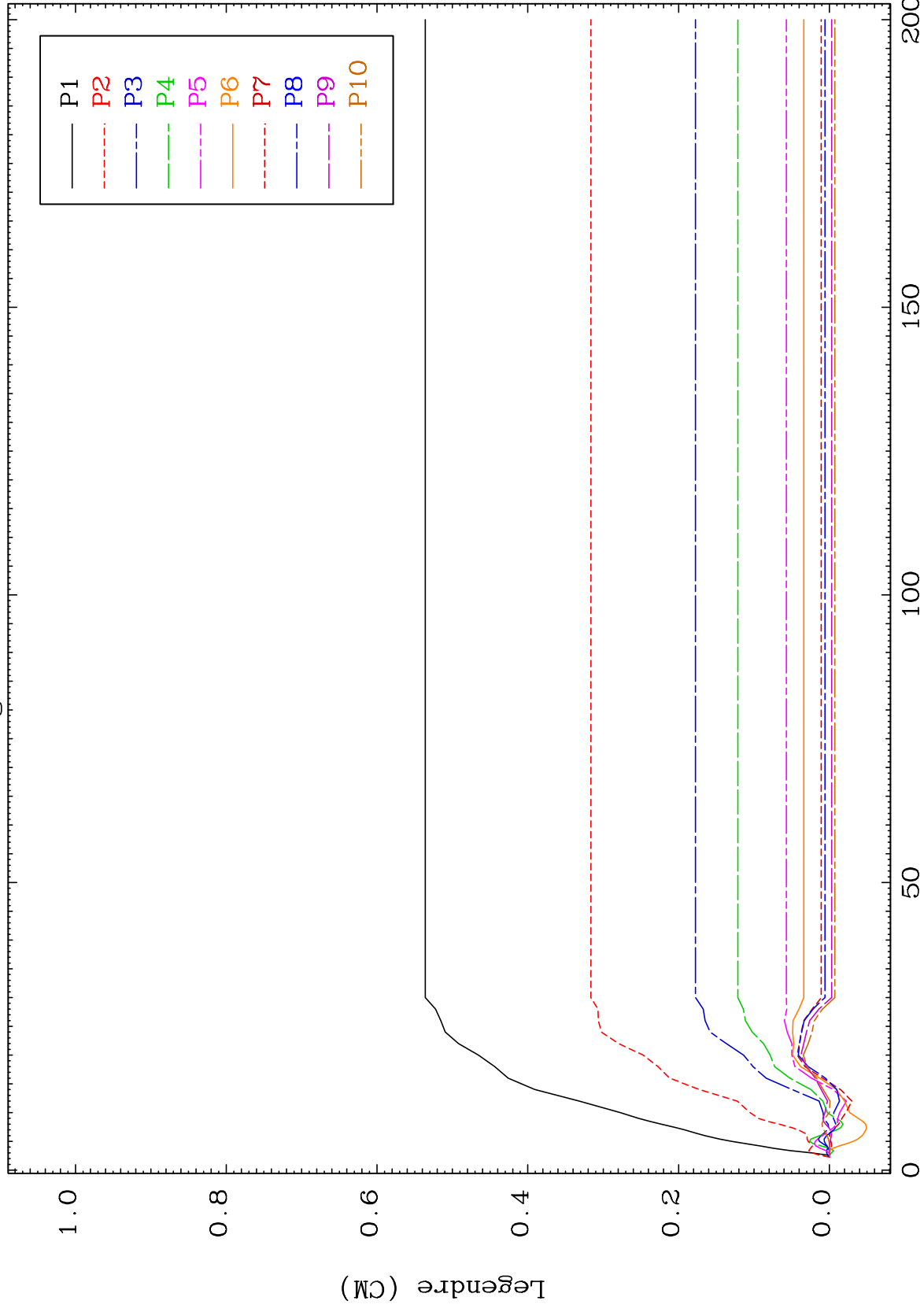




MAT 81116

2.237 MeV (n,n') Level
Legendre Coefficients

81-T1-200



98

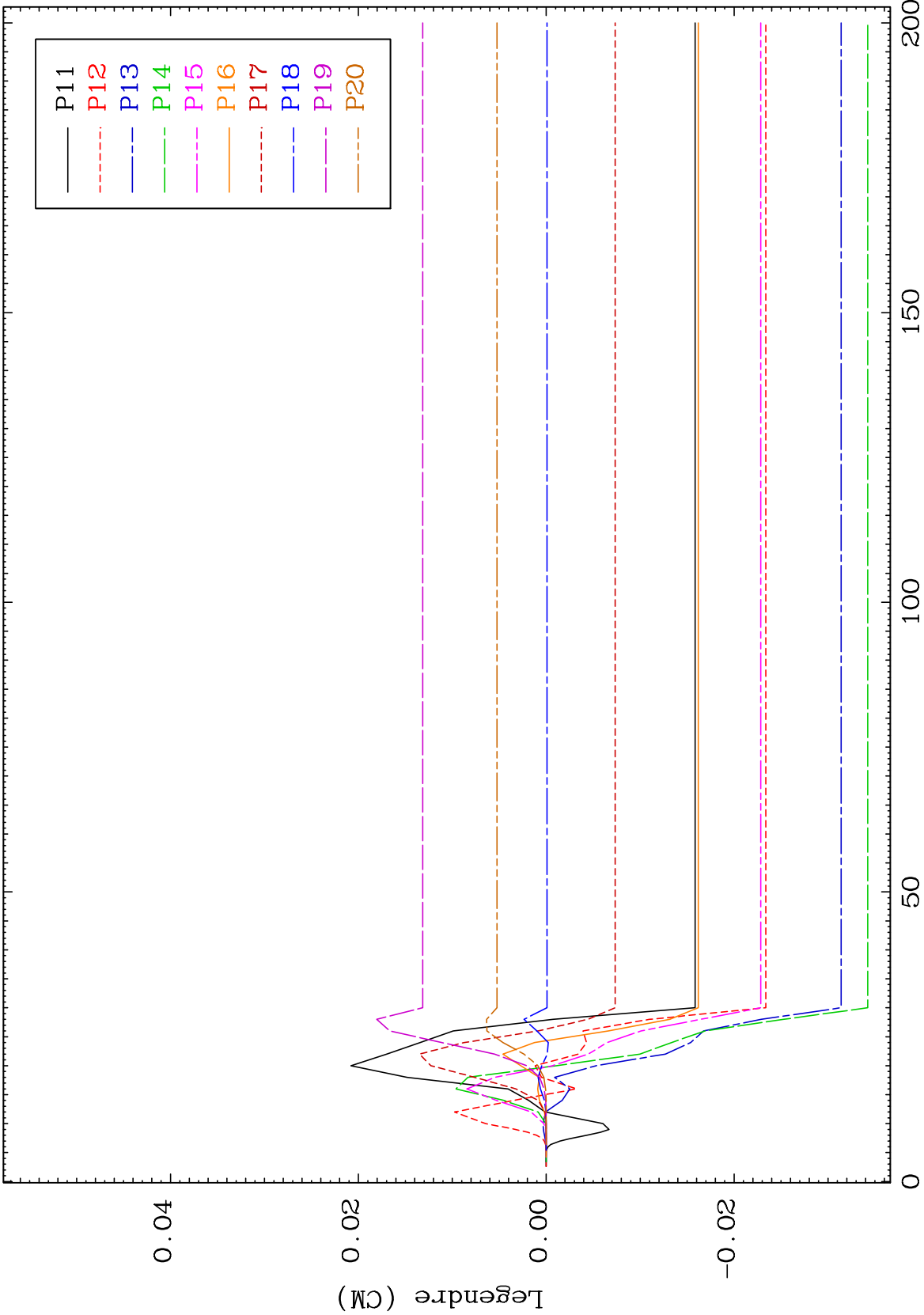
Incident Energy (MeV)

81-T1-200

MAT 81116

2.237 MeV (n,n') Level
Legendre Coefficients

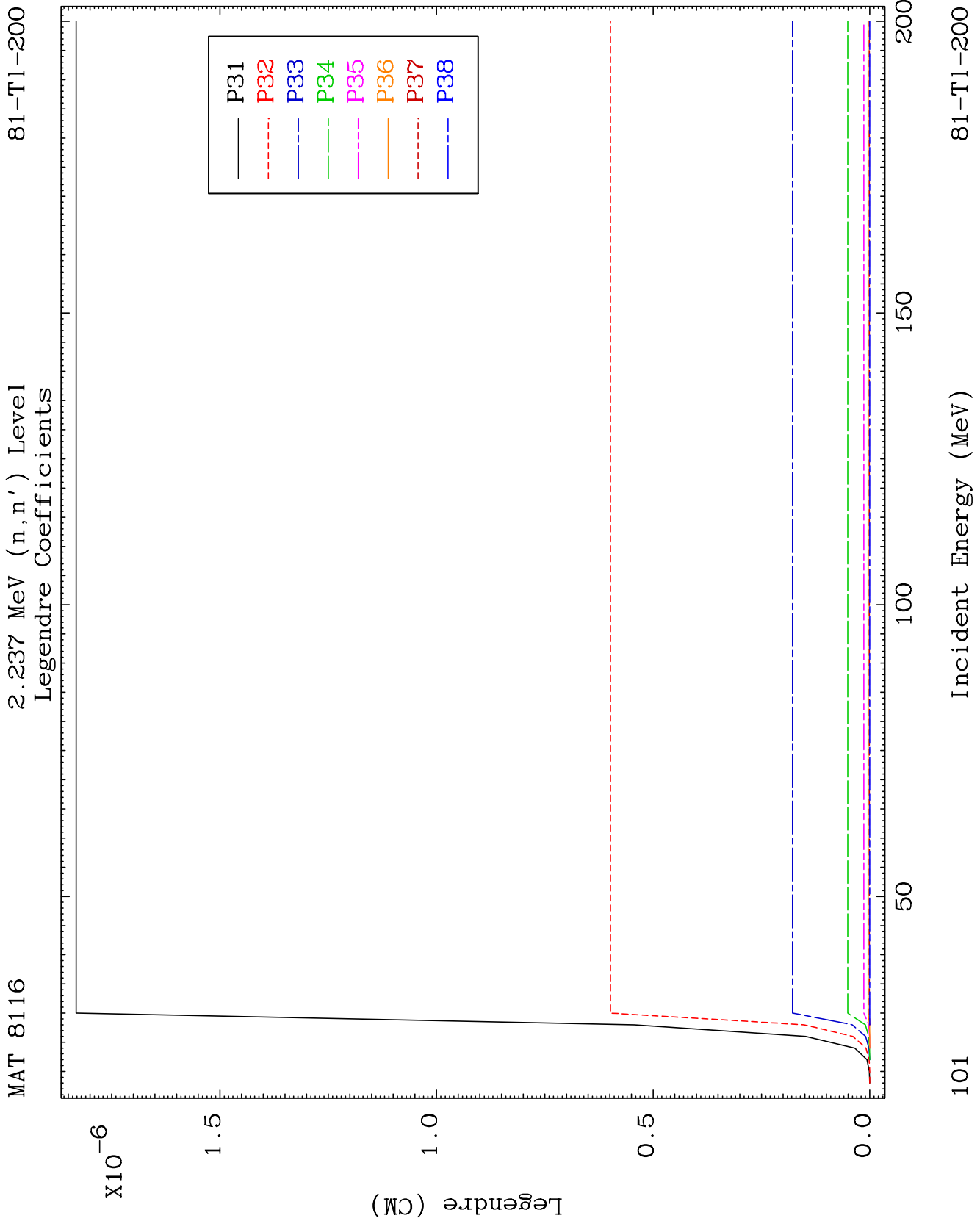
81-T1-200



99

Incident Energy (MeV)

81-T1-200

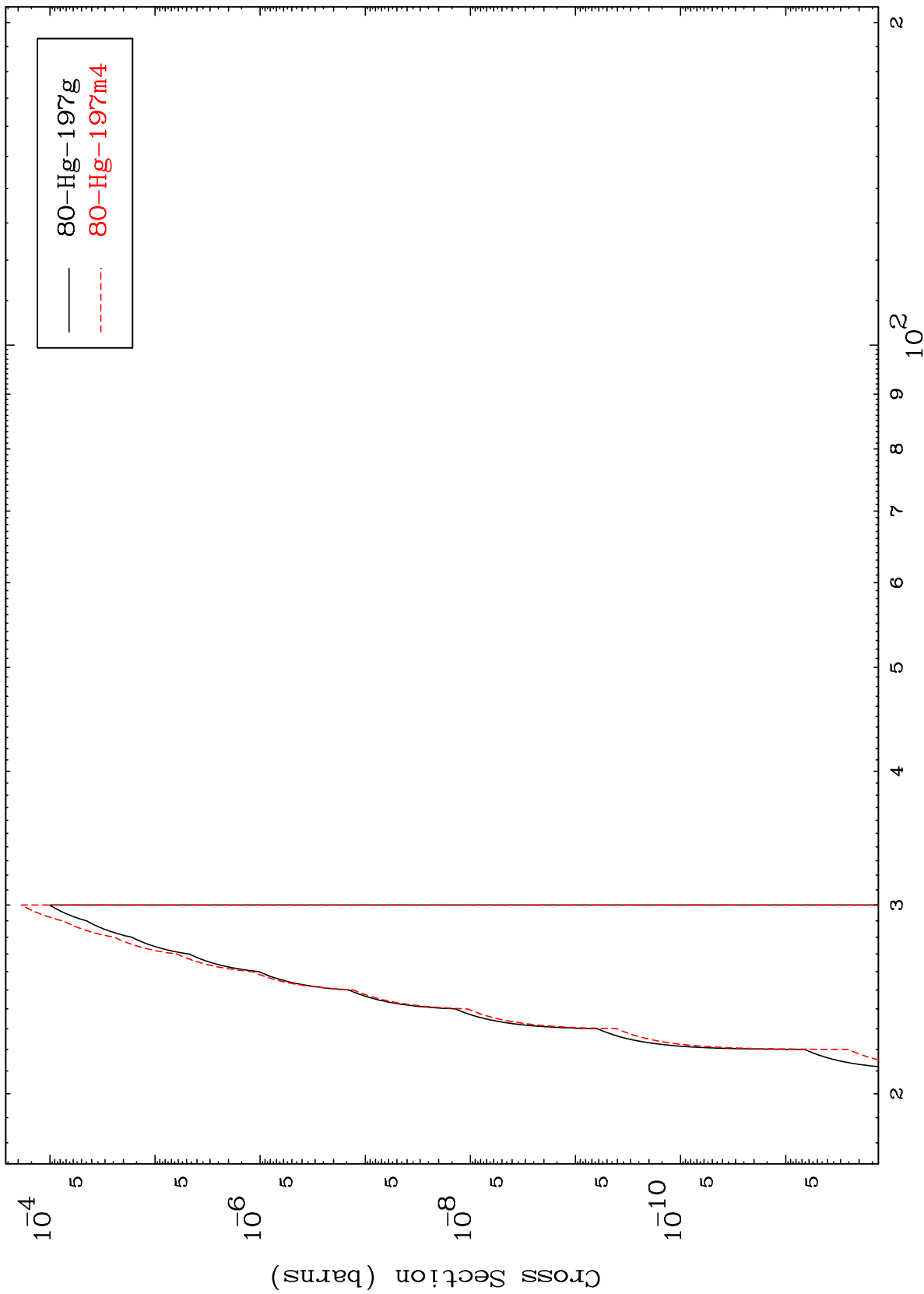


MAT 81116

(n,2n) d

81-Tl-200

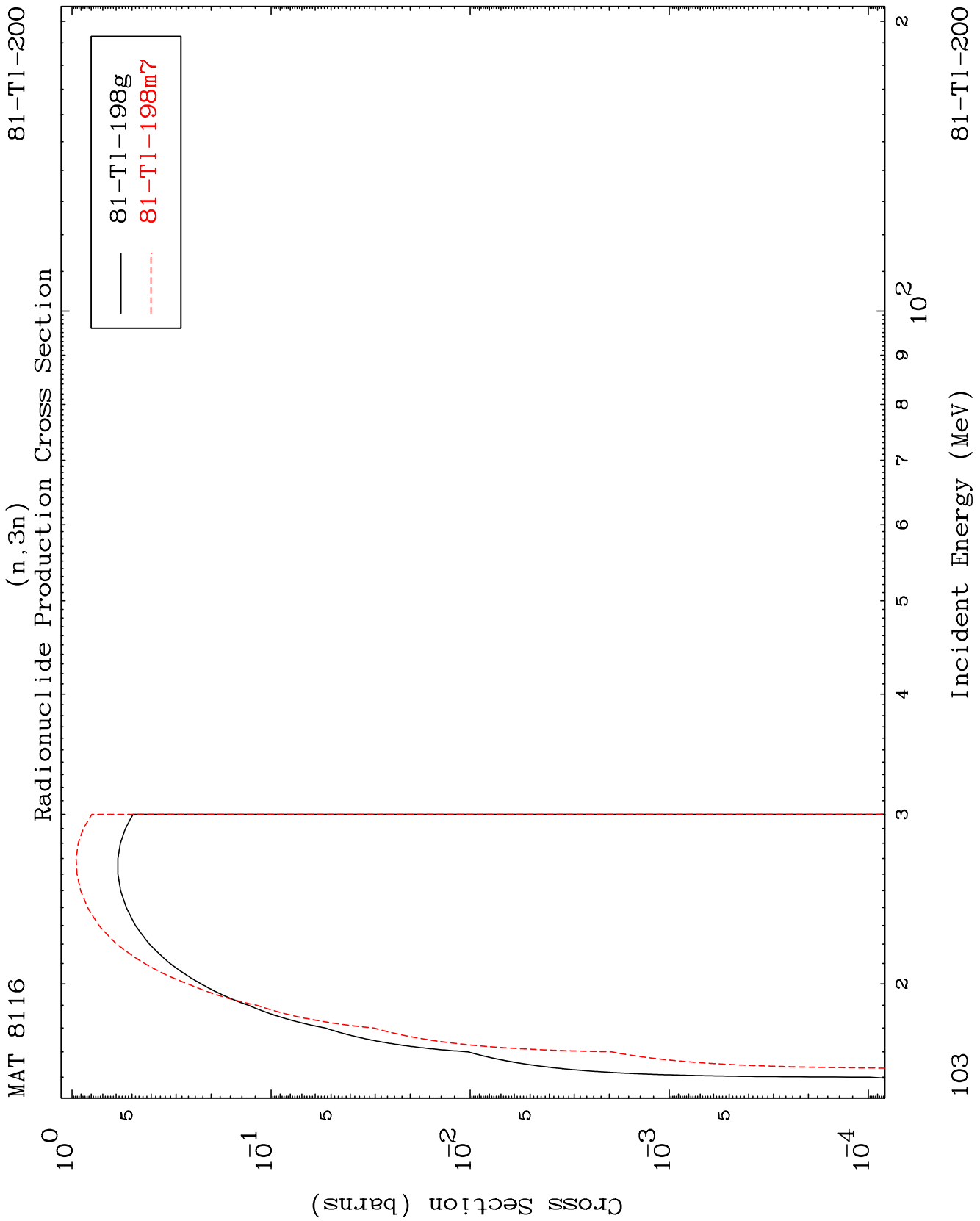
Radionuclide Production Cross Section



102

Incident Energy (MeV)

81-Tl-200

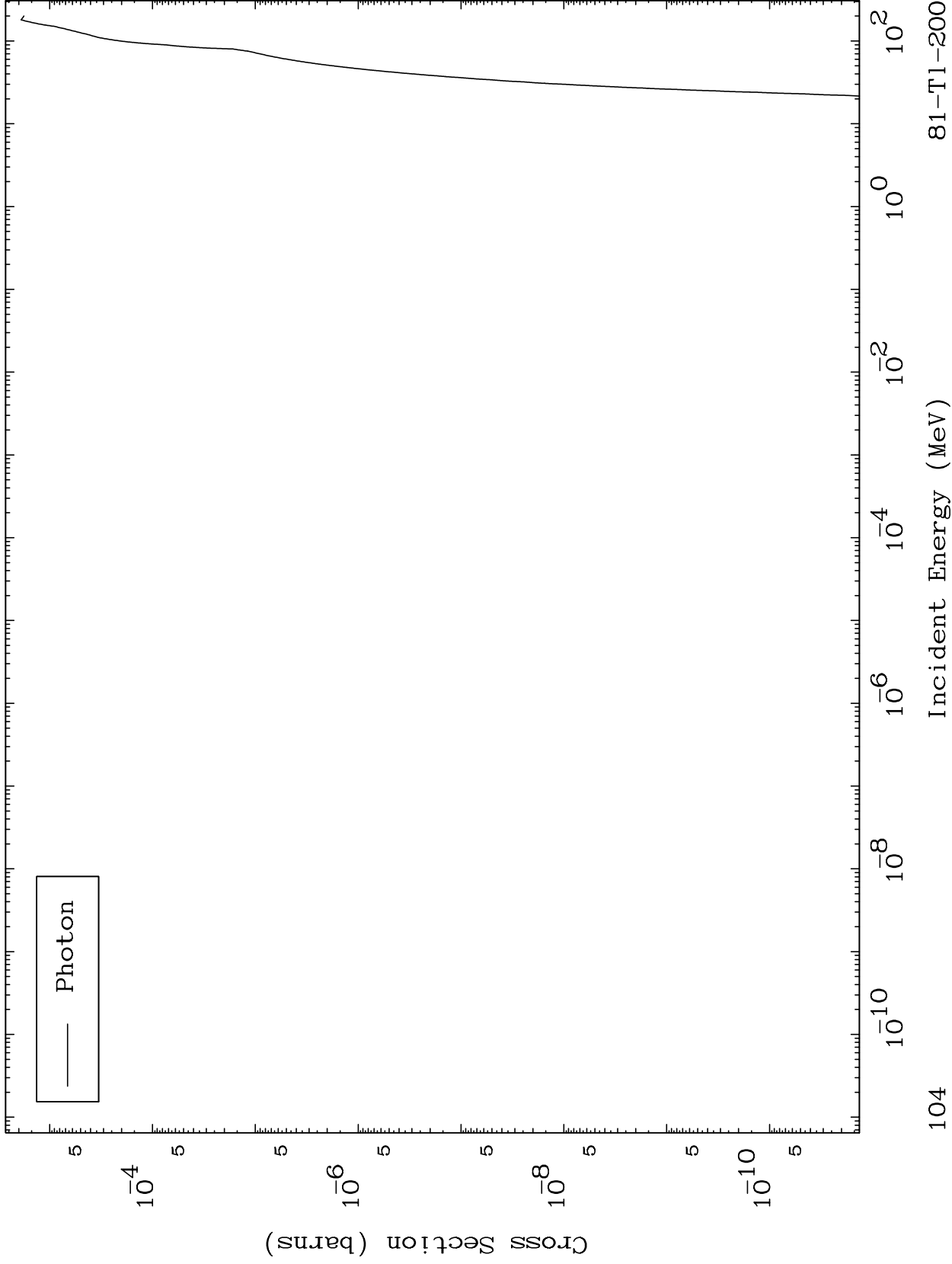


MAT 81116

Fission

81-Tl-200

Radionuclide Production Cross Section



104

Incident Energy (MeV)

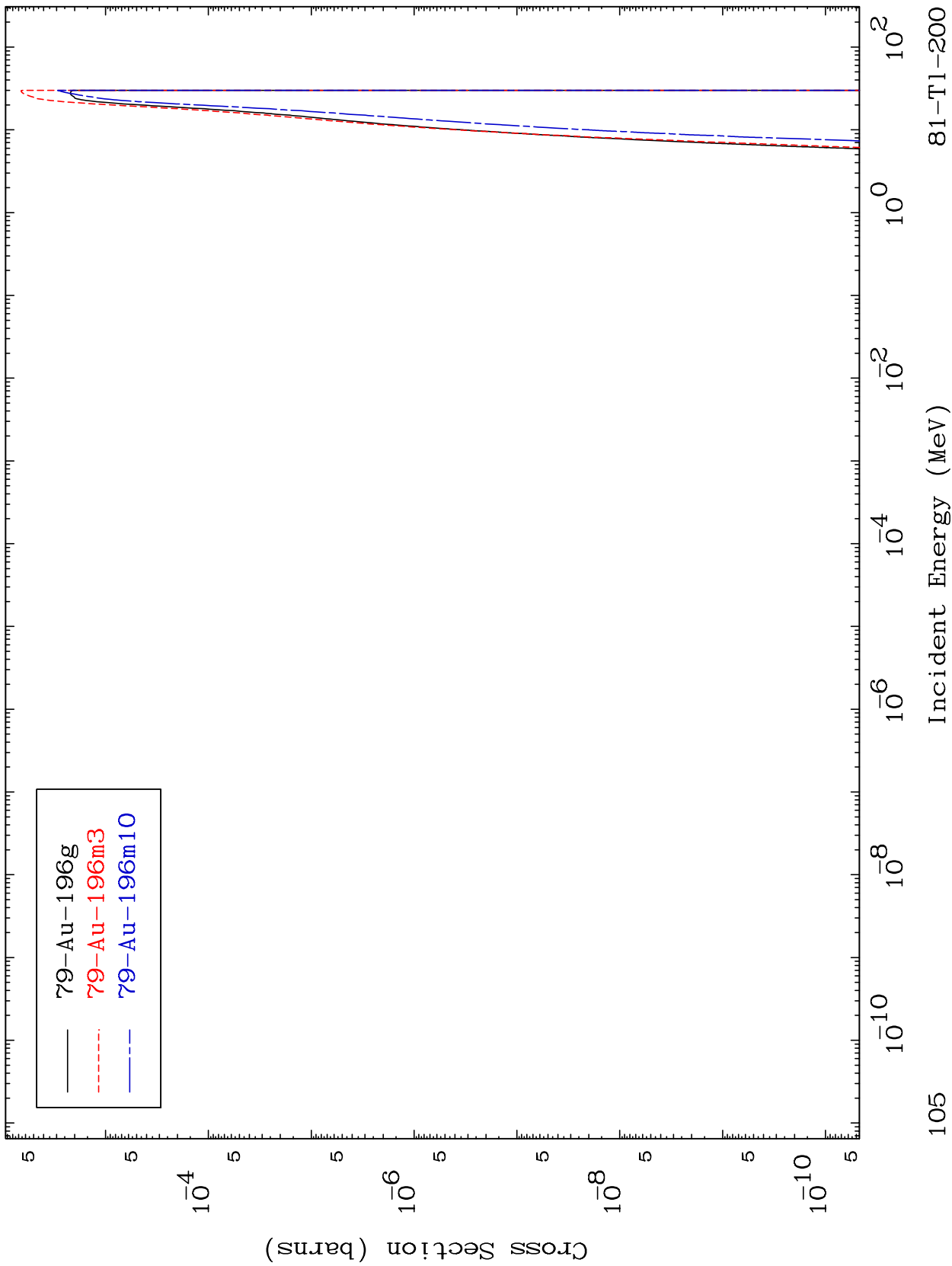
81-Tl-200

MAT 81116

$(n, n') \alpha$

81-Tl-200

Radionuclide Production Cross Section

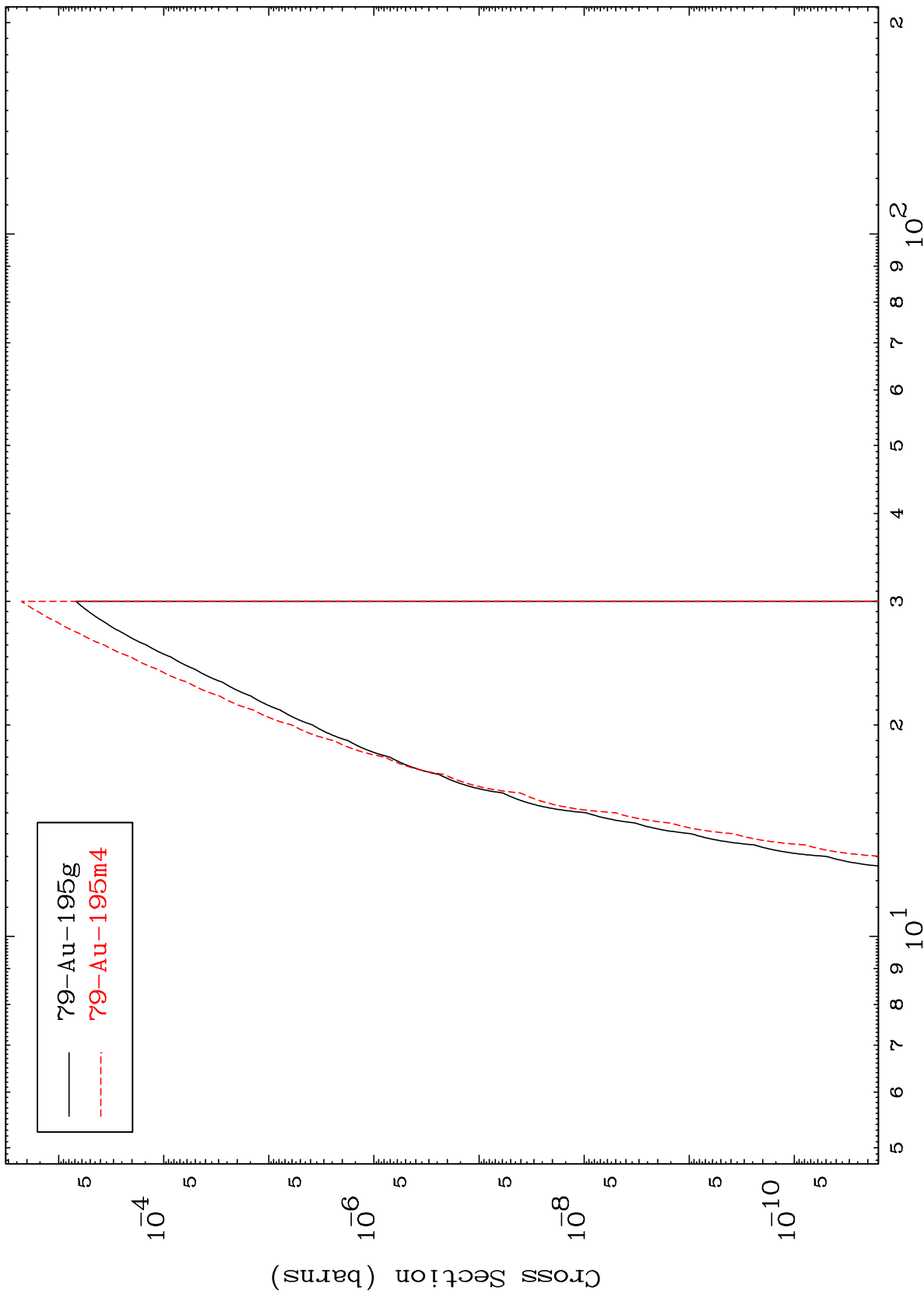


MAT 81116

(n,2n) α

81-Tl-200

Radionuclide Production Cross Section



106

Incident Energy (MeV)

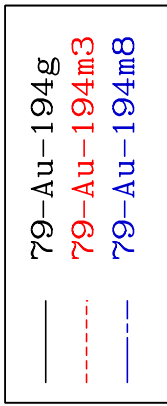
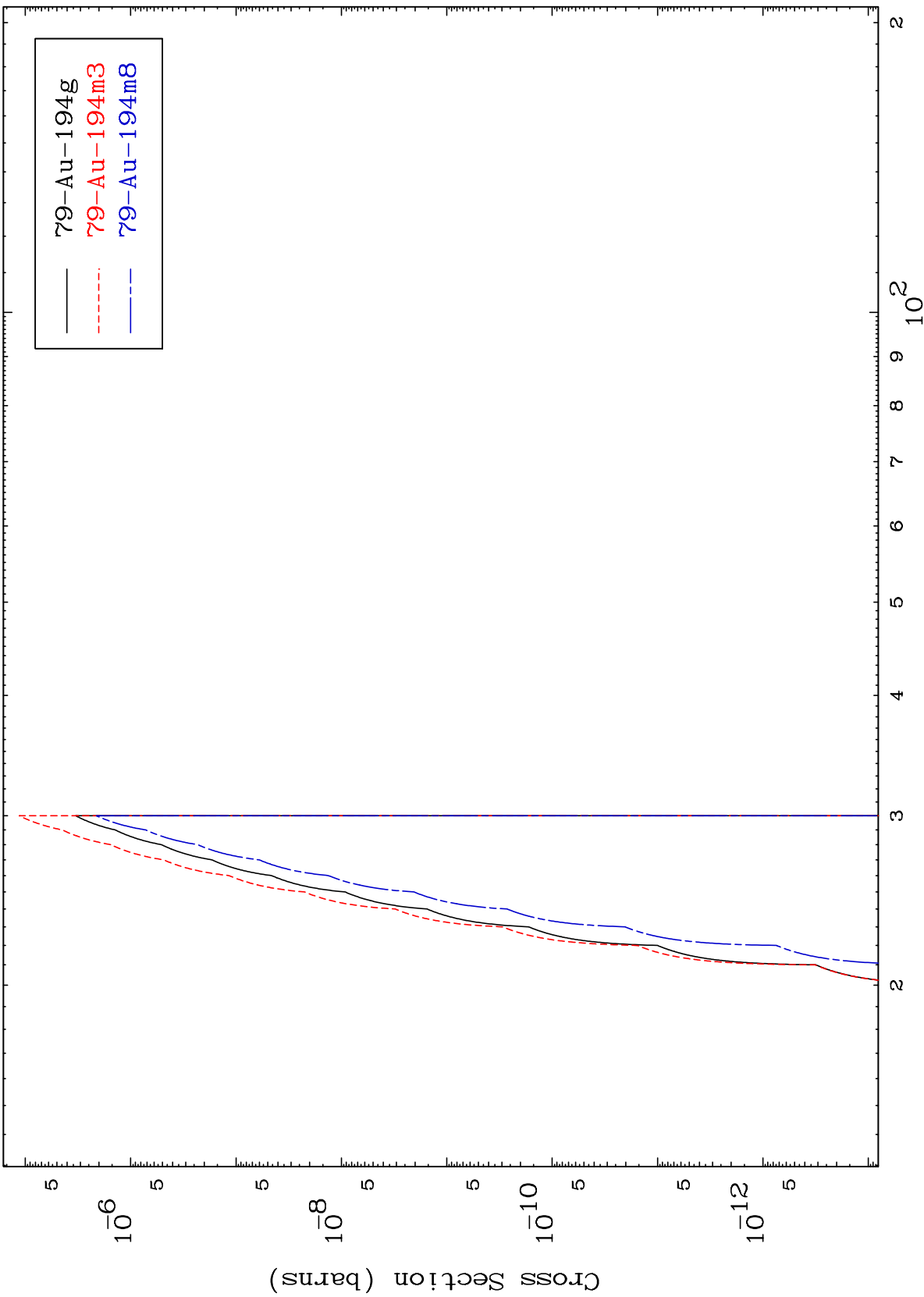
81-Tl-200

MAT 81116

(n,3n) α

81-Tl-200

Radionuclide Production Cross Section



107

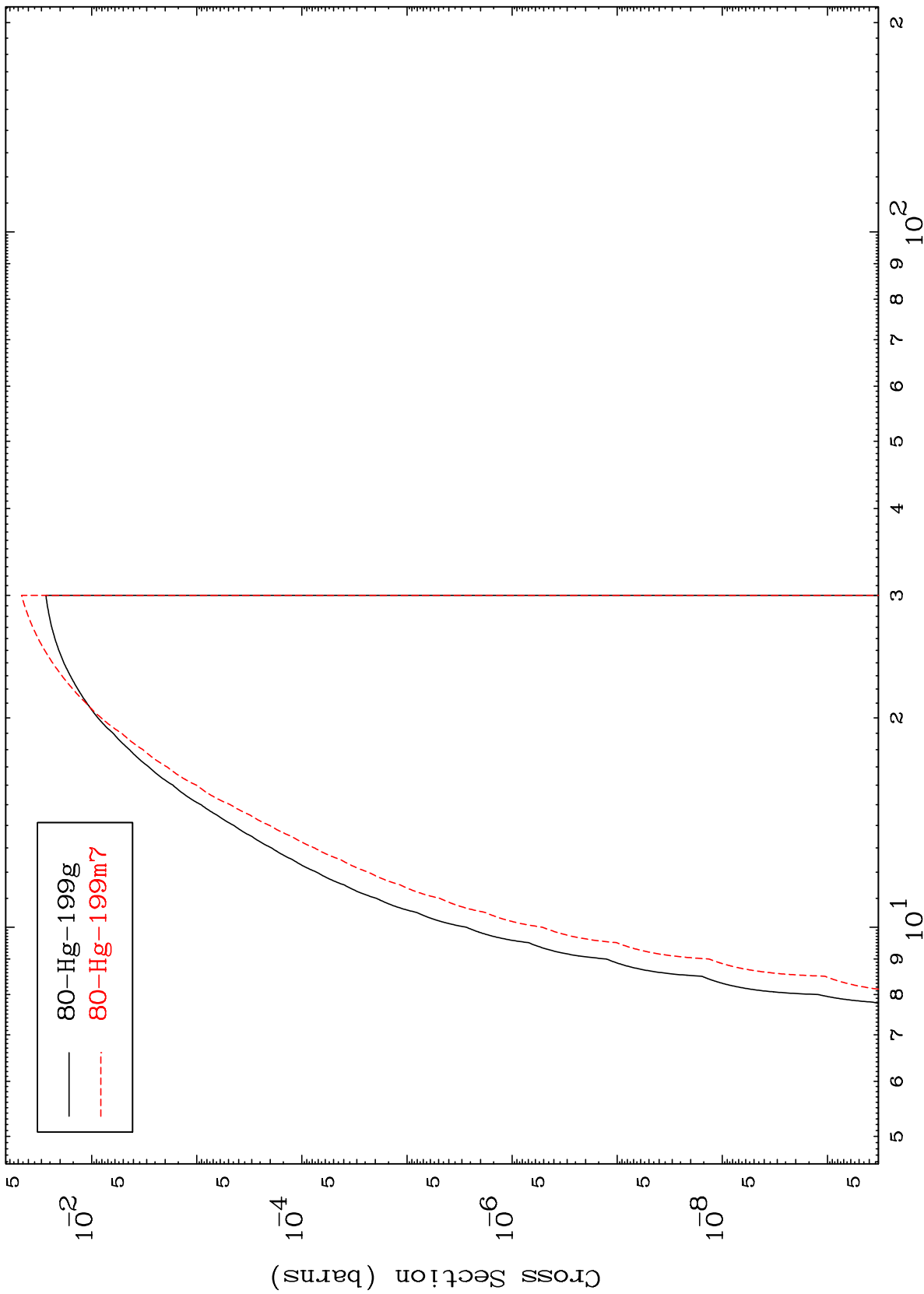
Incident Energy (MeV)

81-Tl-200

MAT 81116

81-Tl-200

(n,n') p
Radionuclide Production Cross Section



108

Incident Energy (MeV)

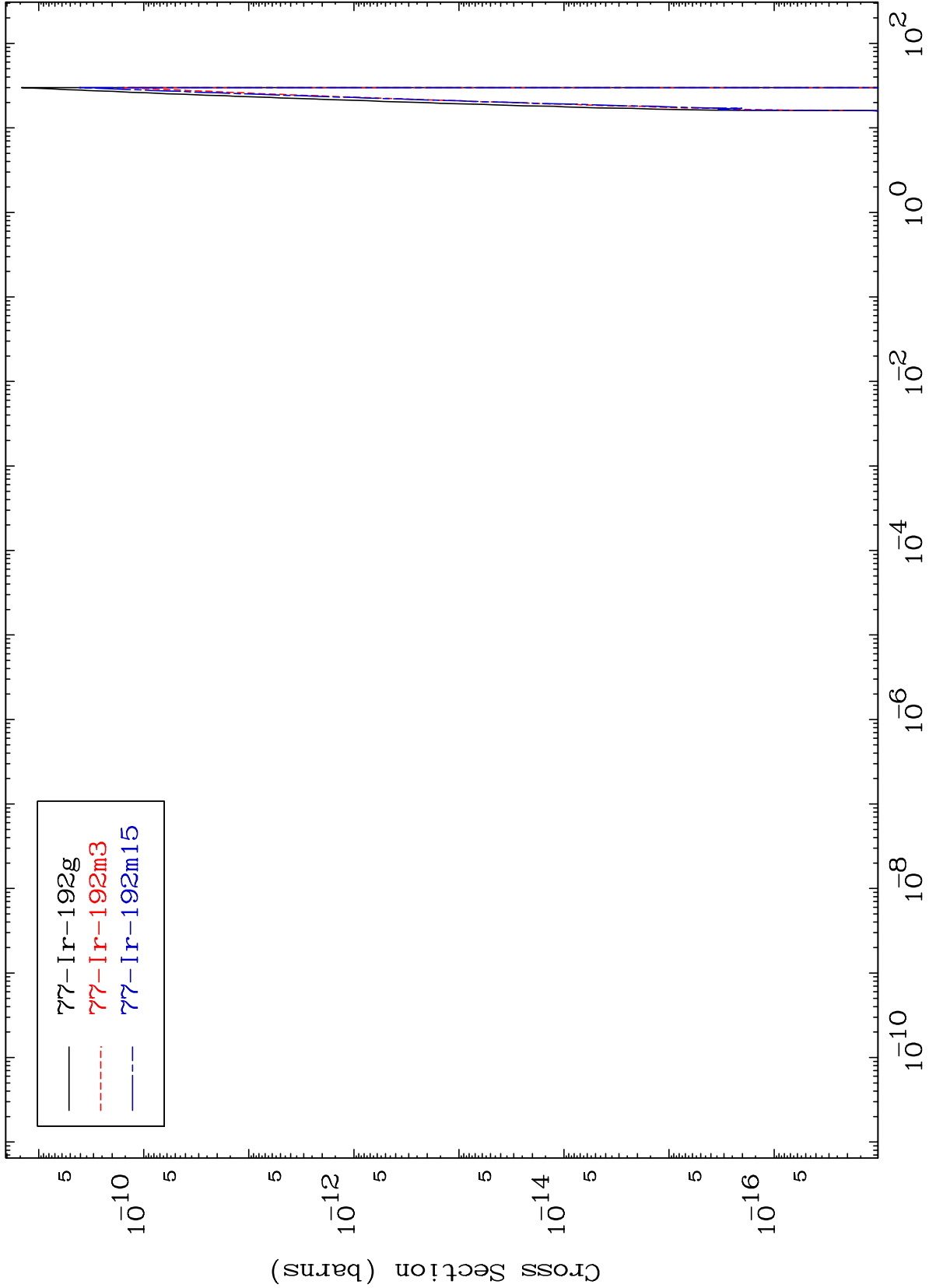
81-Tl-200

MAT 81116

(n,n') 2α

81-Tl-200

Radionuclide Production Cross Section

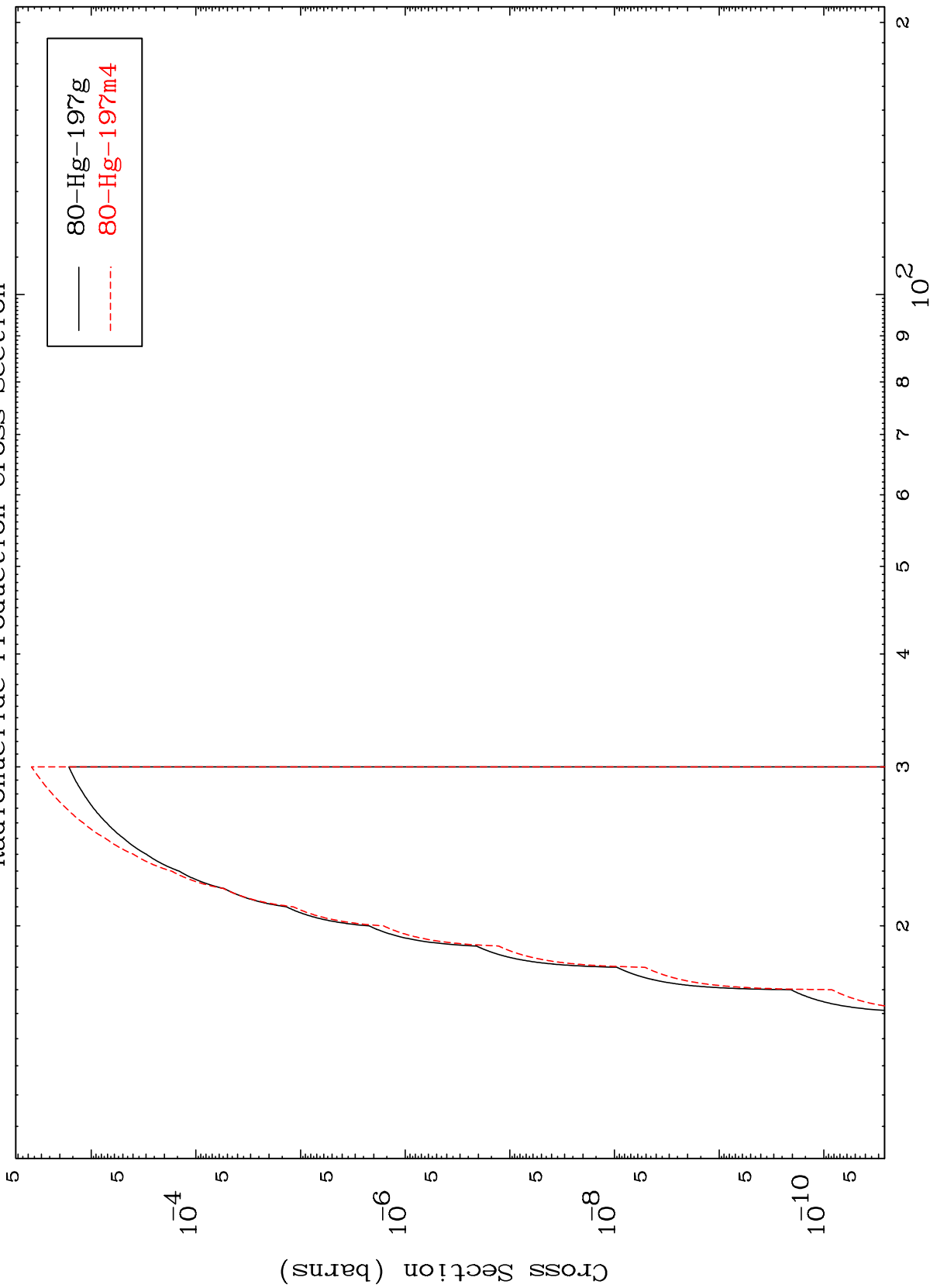


MAT 81116

(n,n') t

81-Tl-200

Radionuclide Production Cross Section



110

Incident Energy (MeV)

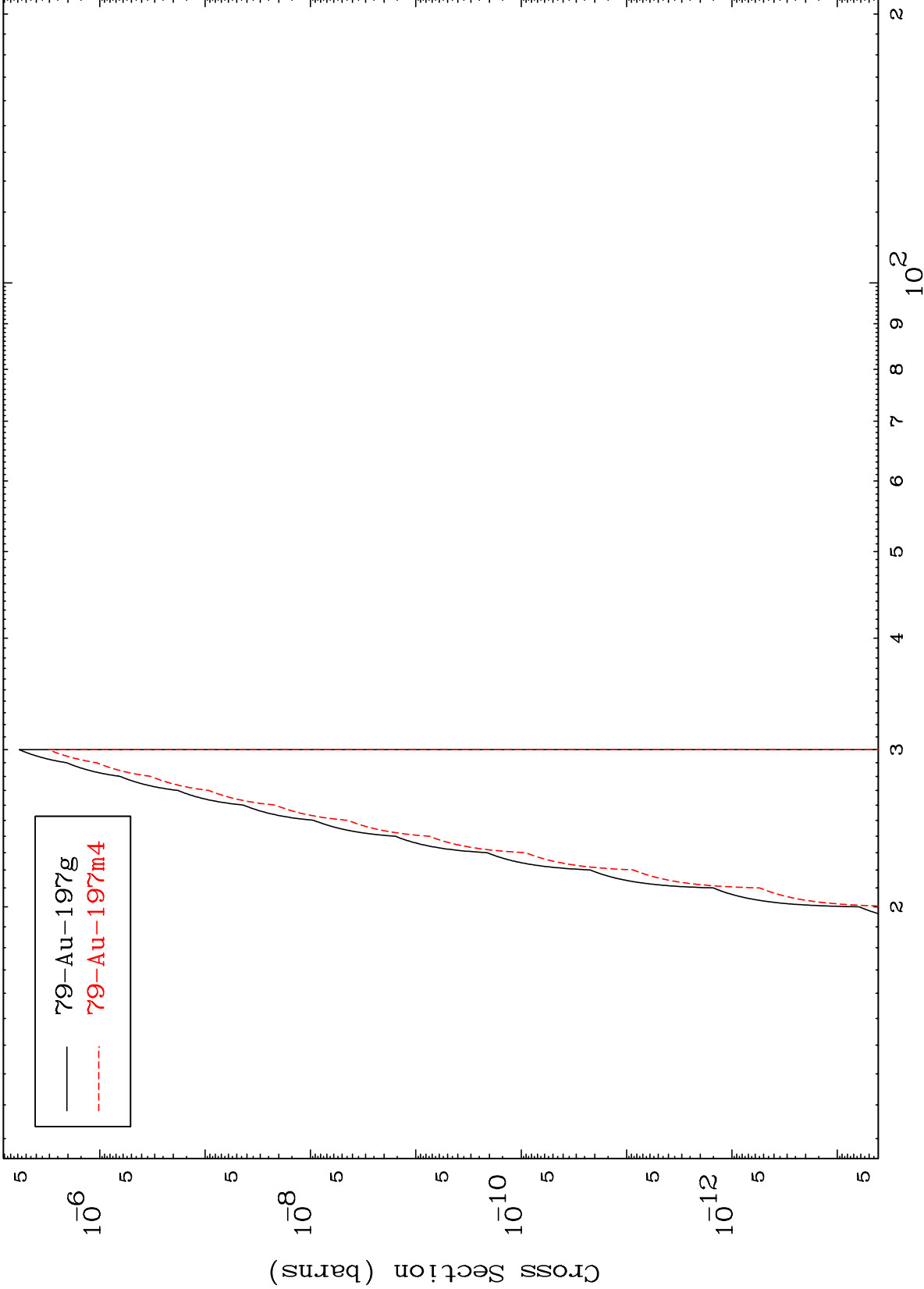
81-Tl-200

MAT 81116

(n,n') He-3

81-Tl-200

Radionuclide Production Cross Section



— $^{79}\text{Au-197g}$
- - - $^{79}\text{Au-197m4}$

111

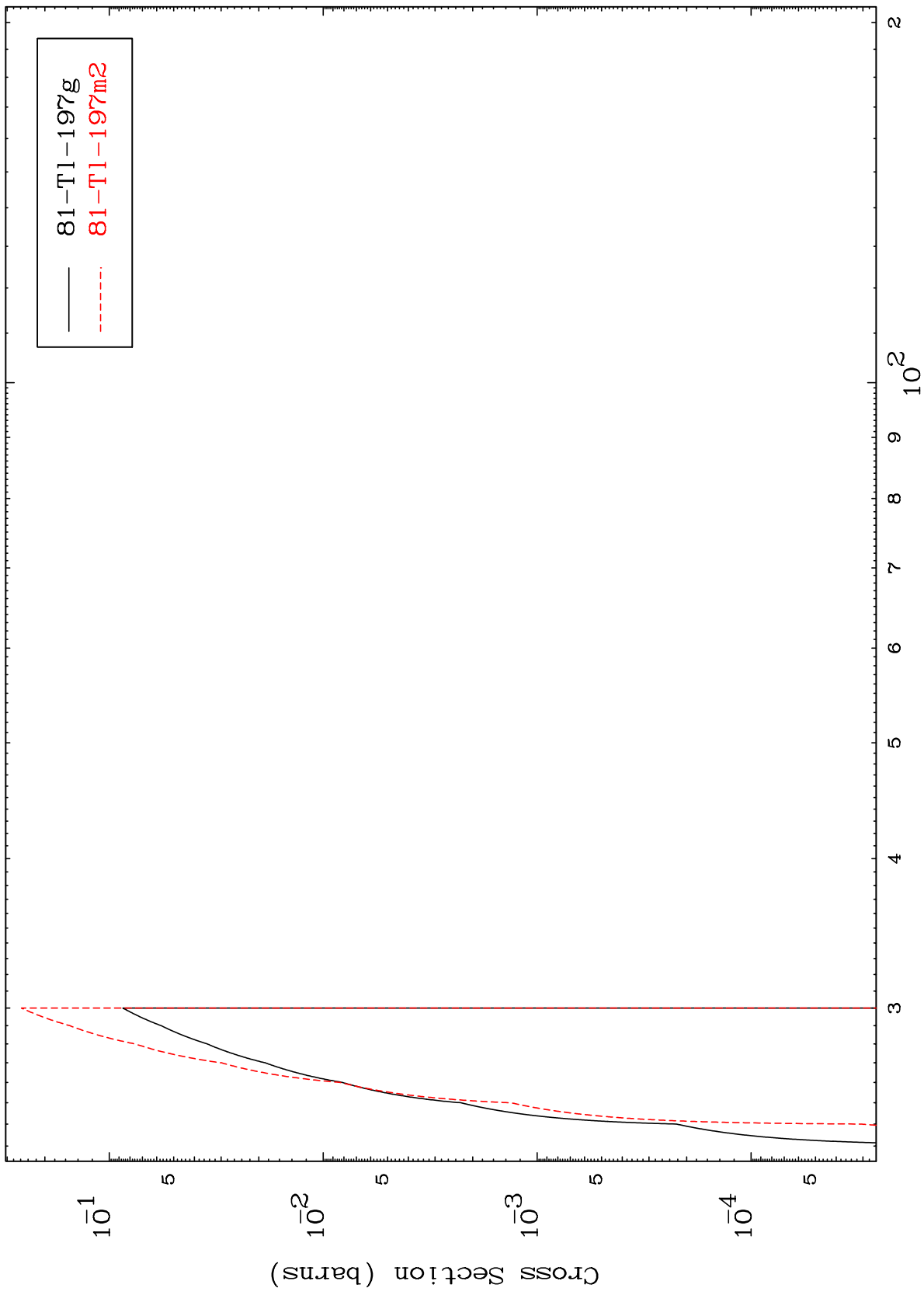
Incident Energy (MeV)

81-Tl-200

MAT 81116

81-Tl-200

(n,4n)
Radionuclide Production Cross Section



112

81-Tl-200

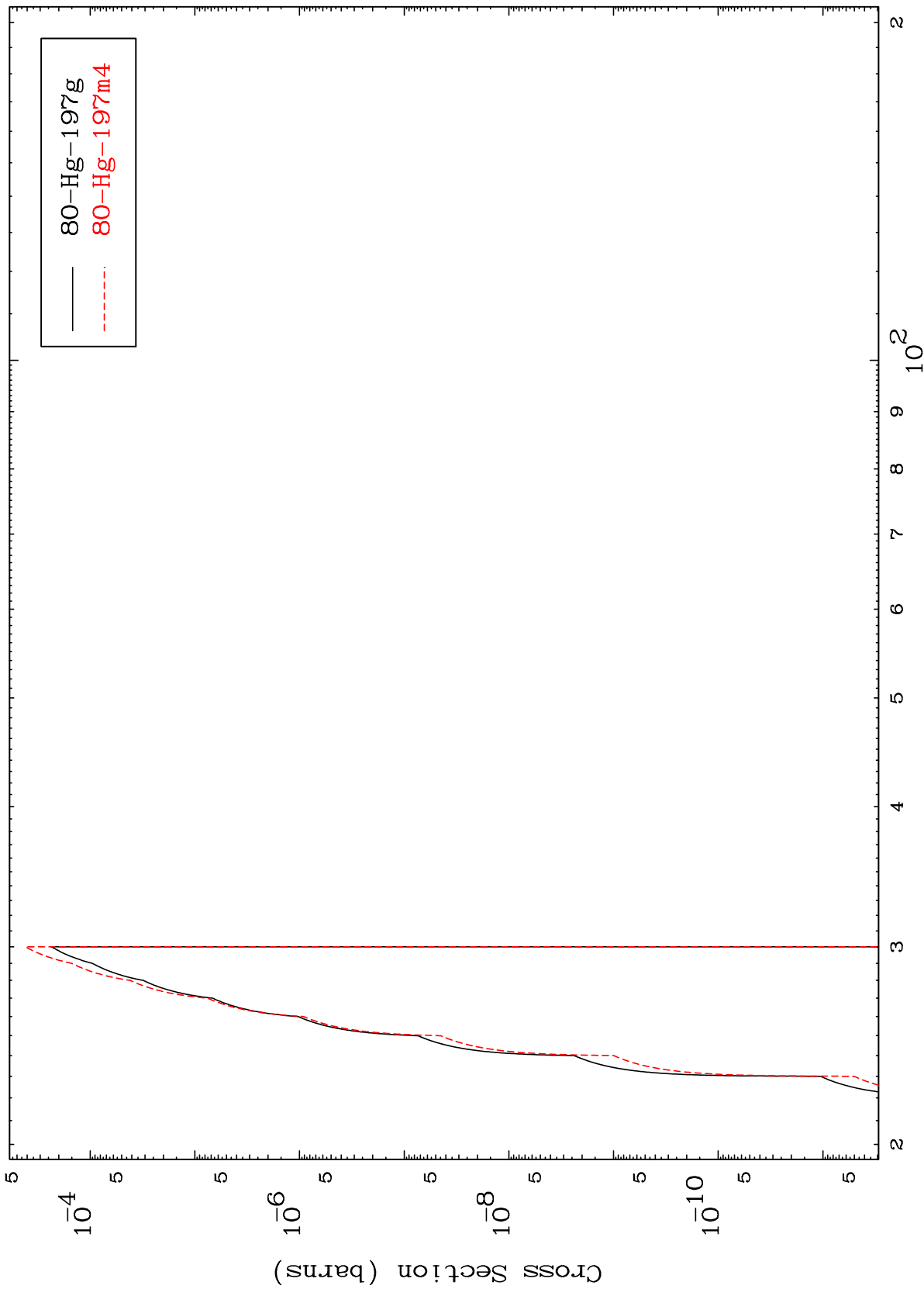
Incident Energy (MeV)

MAT 81116

(n,3n) p

81-Tl-200

Radionuclide Production Cross Section



113

Incident Energy (MeV)

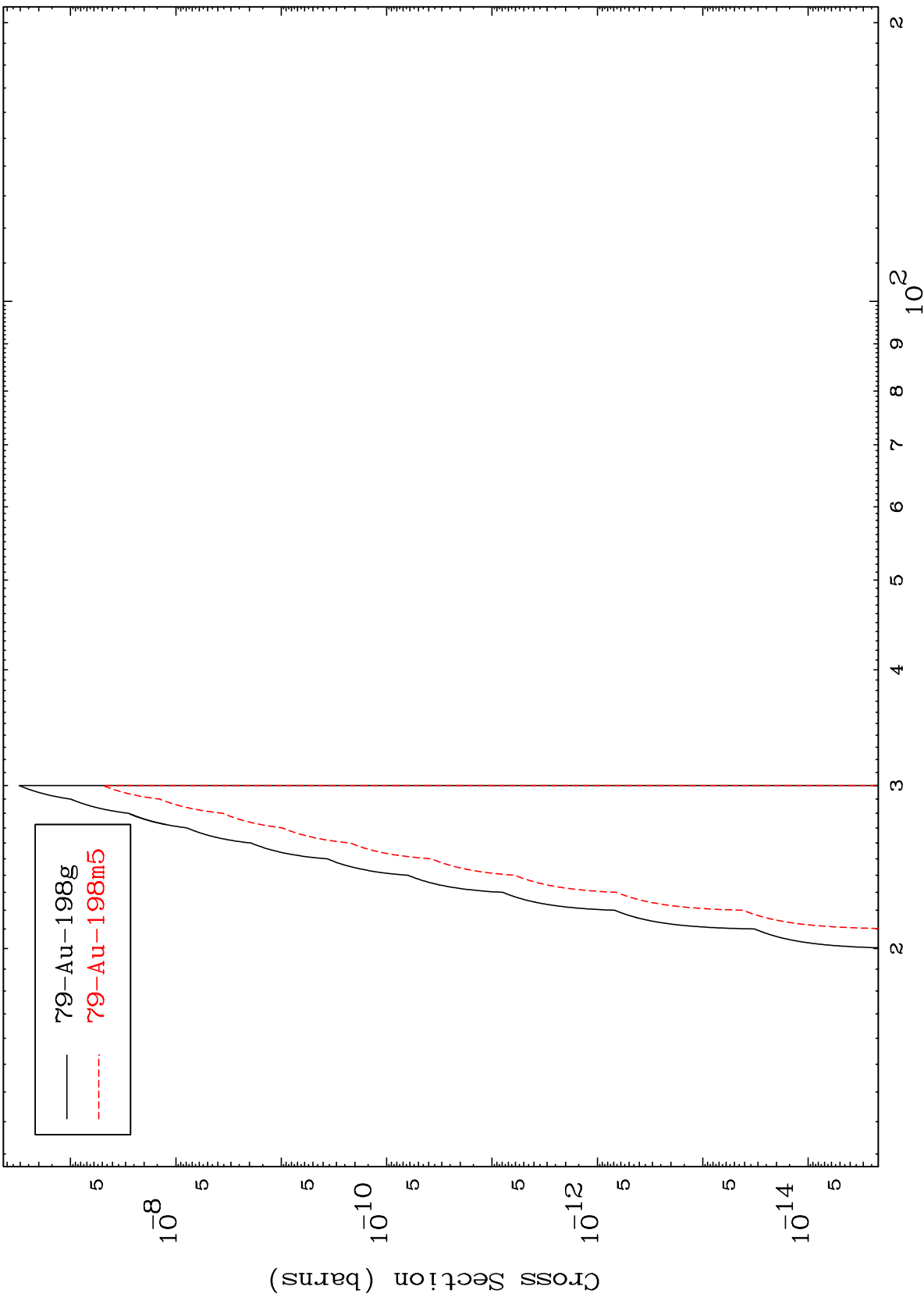
81-Tl-200

MAT 81116

(n,2n) p

81-Tl-200

Radionuclide Production Cross Section



114

Incident Energy (MeV)

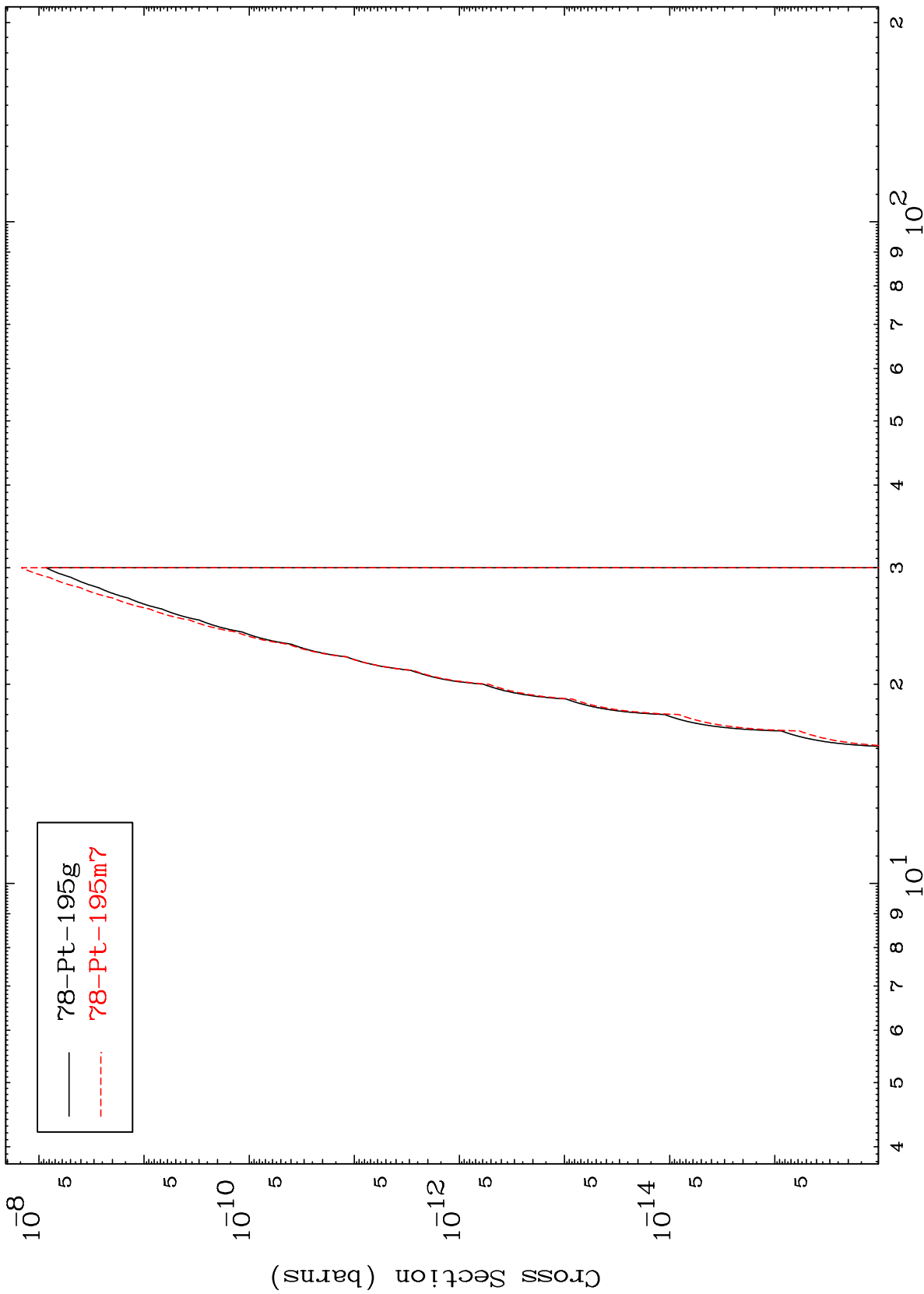
81-Tl-200

MAT 81116

(n,n') p α

81-Tl-200

Radionuclide Production Cross Section



115

Incident Energy (MeV)

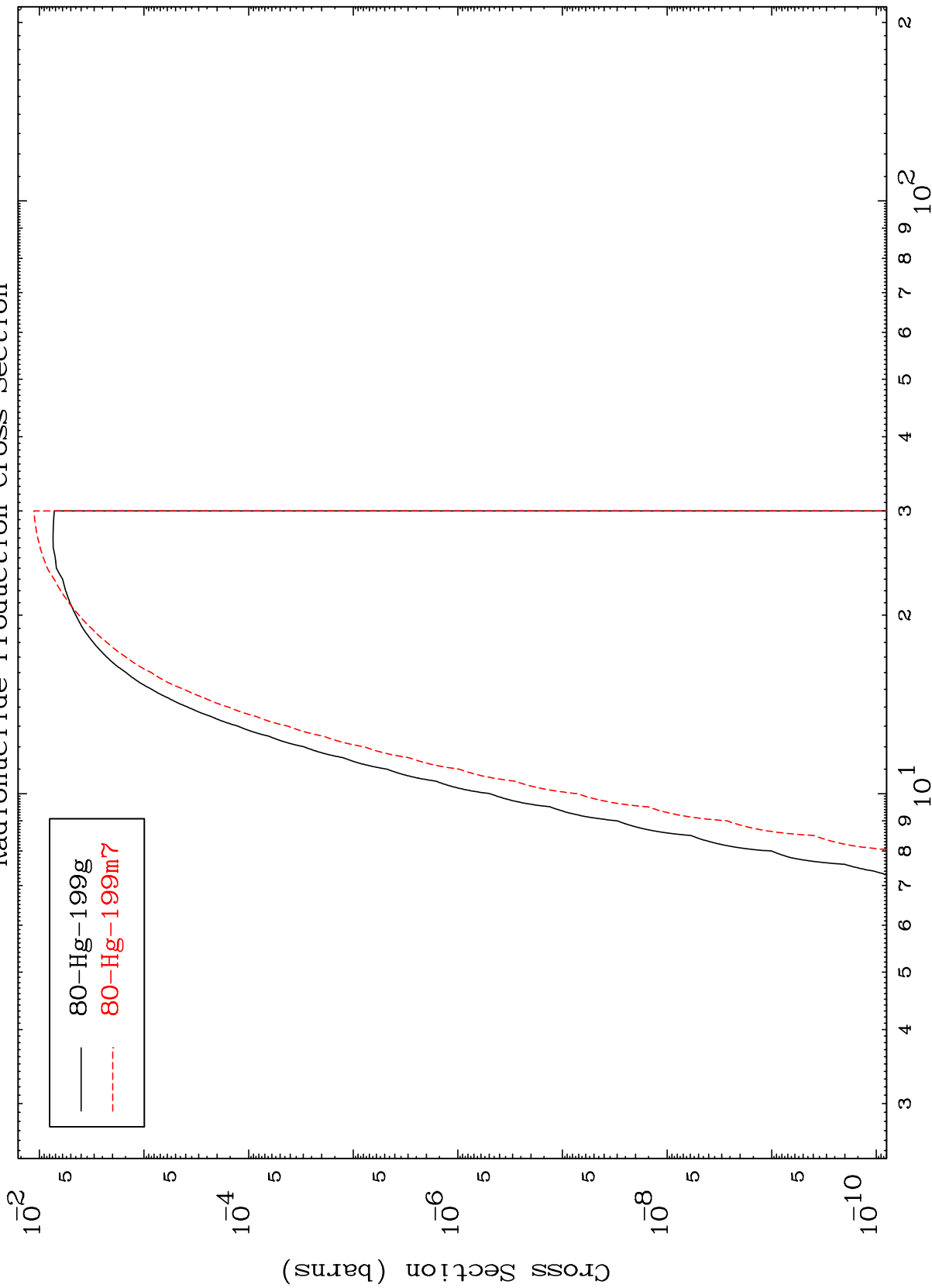
81-Tl-200

MAT 81116

(n,d)

81-Tl-200

Radionuclide Production Cross Section



116

Incident Energy (MeV)

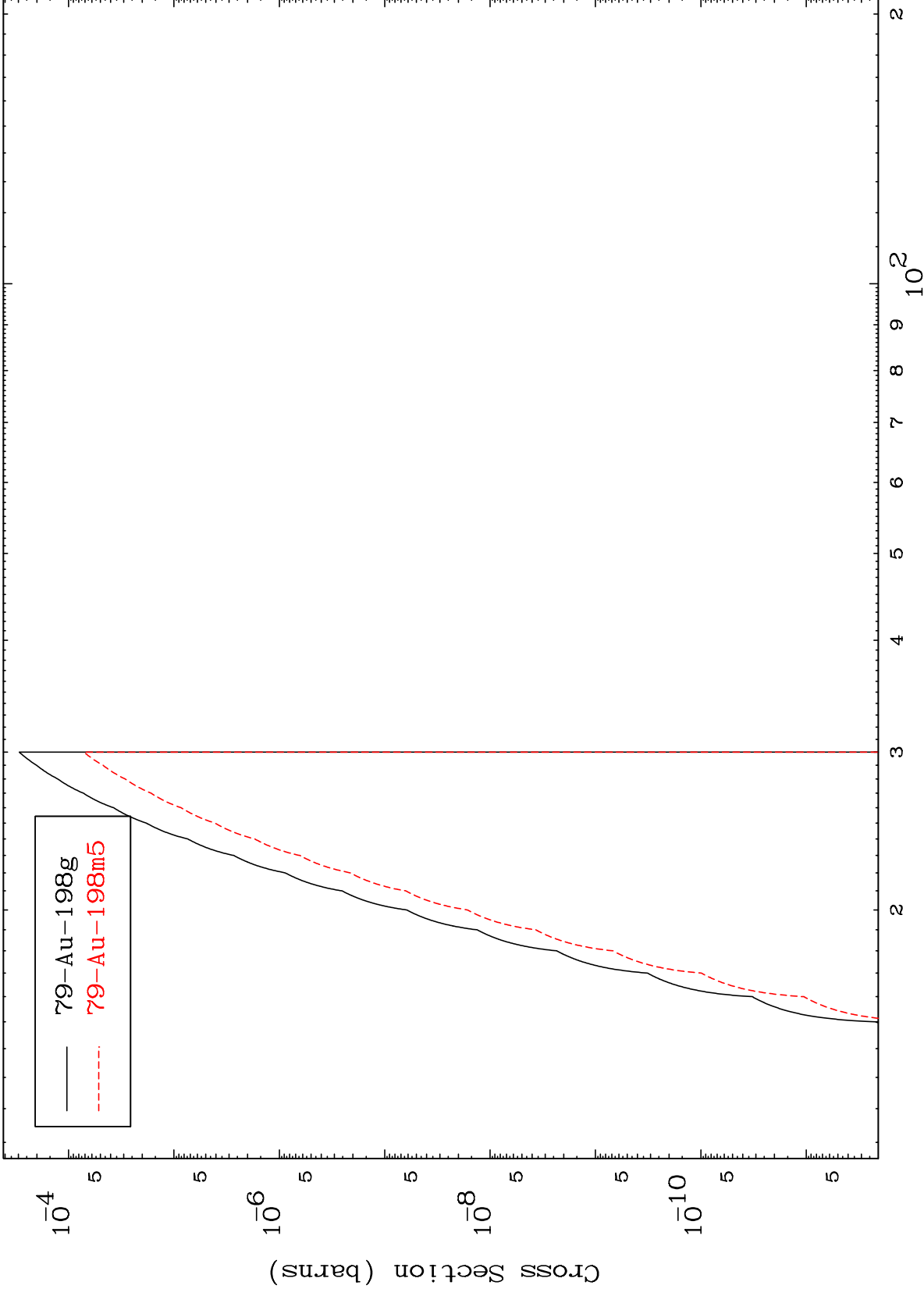
81-Tl-200

MAT 81116

(n,He-3)

81-Tl-200

Radionuclide Production Cross Section



117

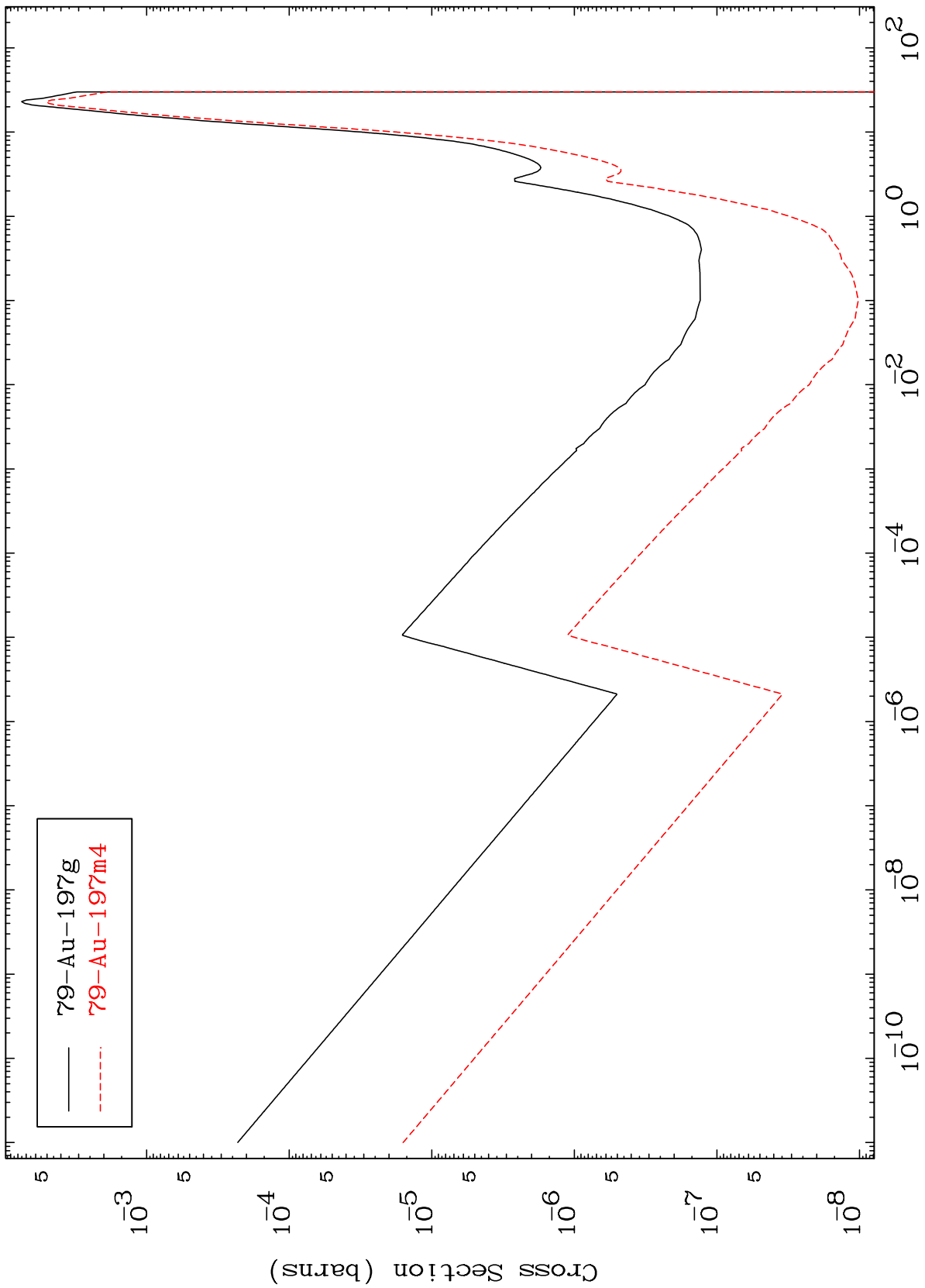
Incident Energy (MeV)

81-Tl-200

MAT 81116

81-Tl-200

Radionuclide Production Cross Section
(n, α)



118

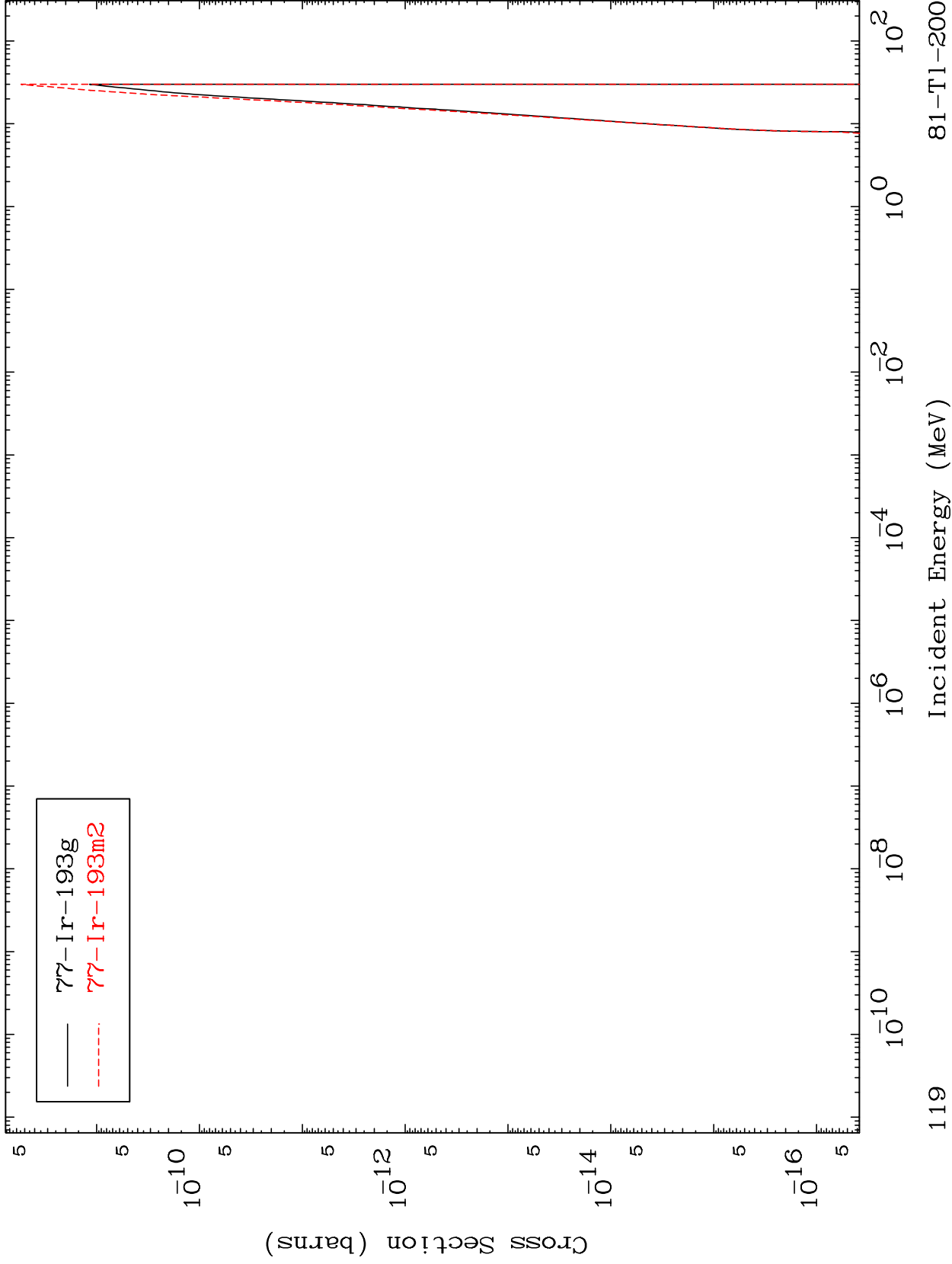
81-Tl-200

MAT 81116

(n,2α)

81-Tl-200

Radionuclide Production Cross Section



119

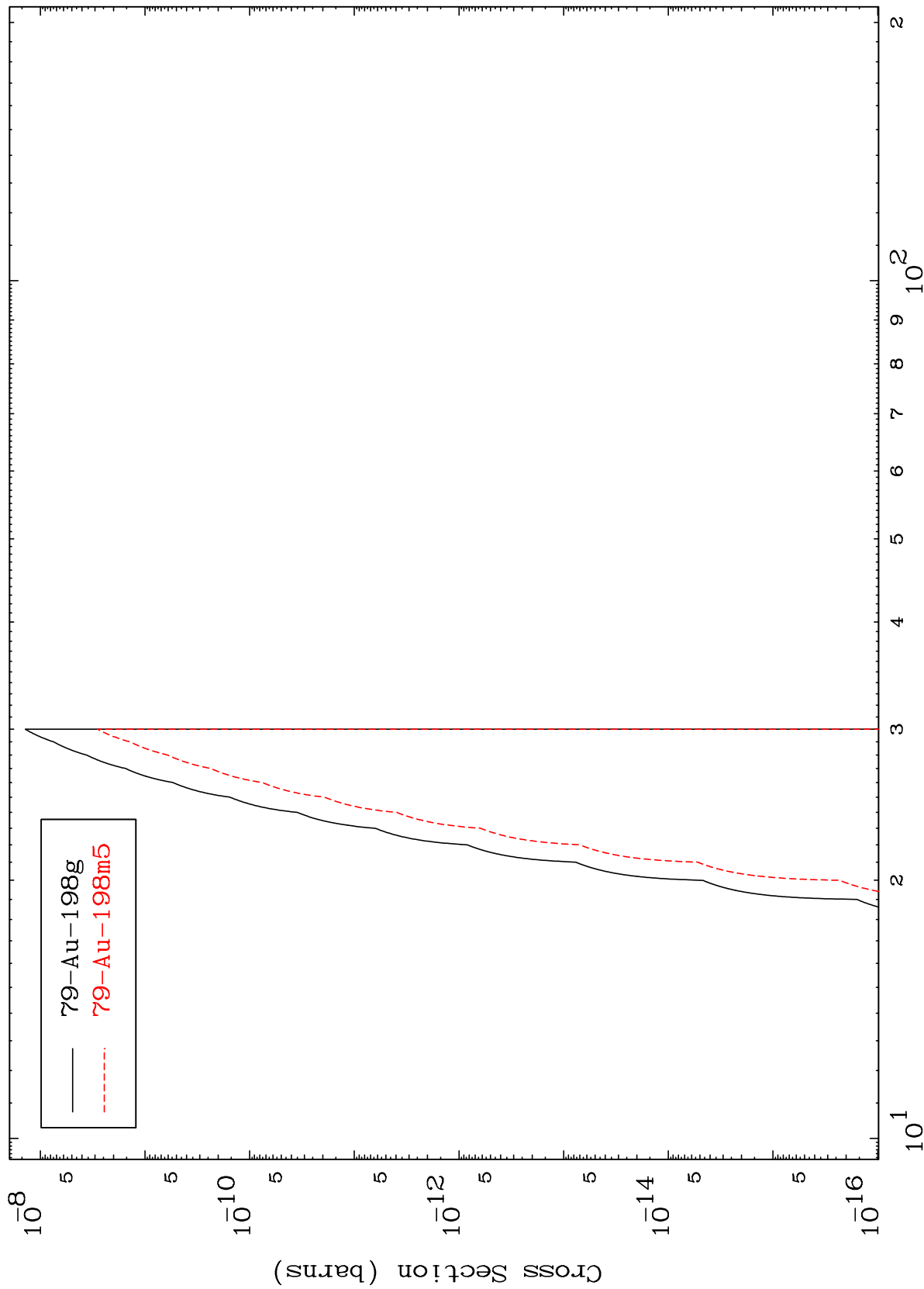
81-Tl-200

MAT 81116

(n,p) d

81-Tl-200

Radionuclide Production Cross Section



Incident Energy (MeV)

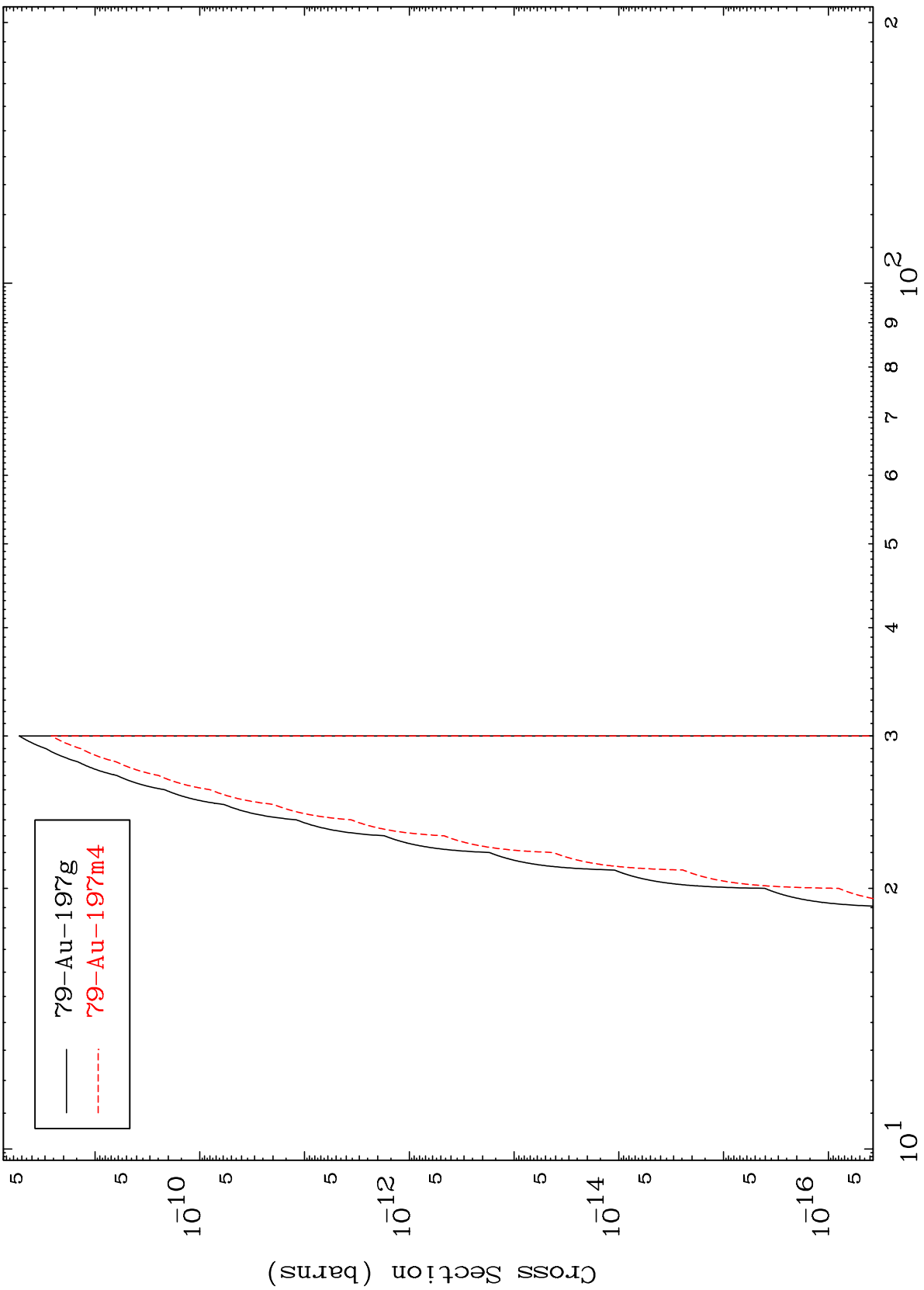
81-Tl-200

MAT 81116

(n,p) t

81-Tl-200

Radionuclide Production Cross Section



121

Incident Energy (MeV)

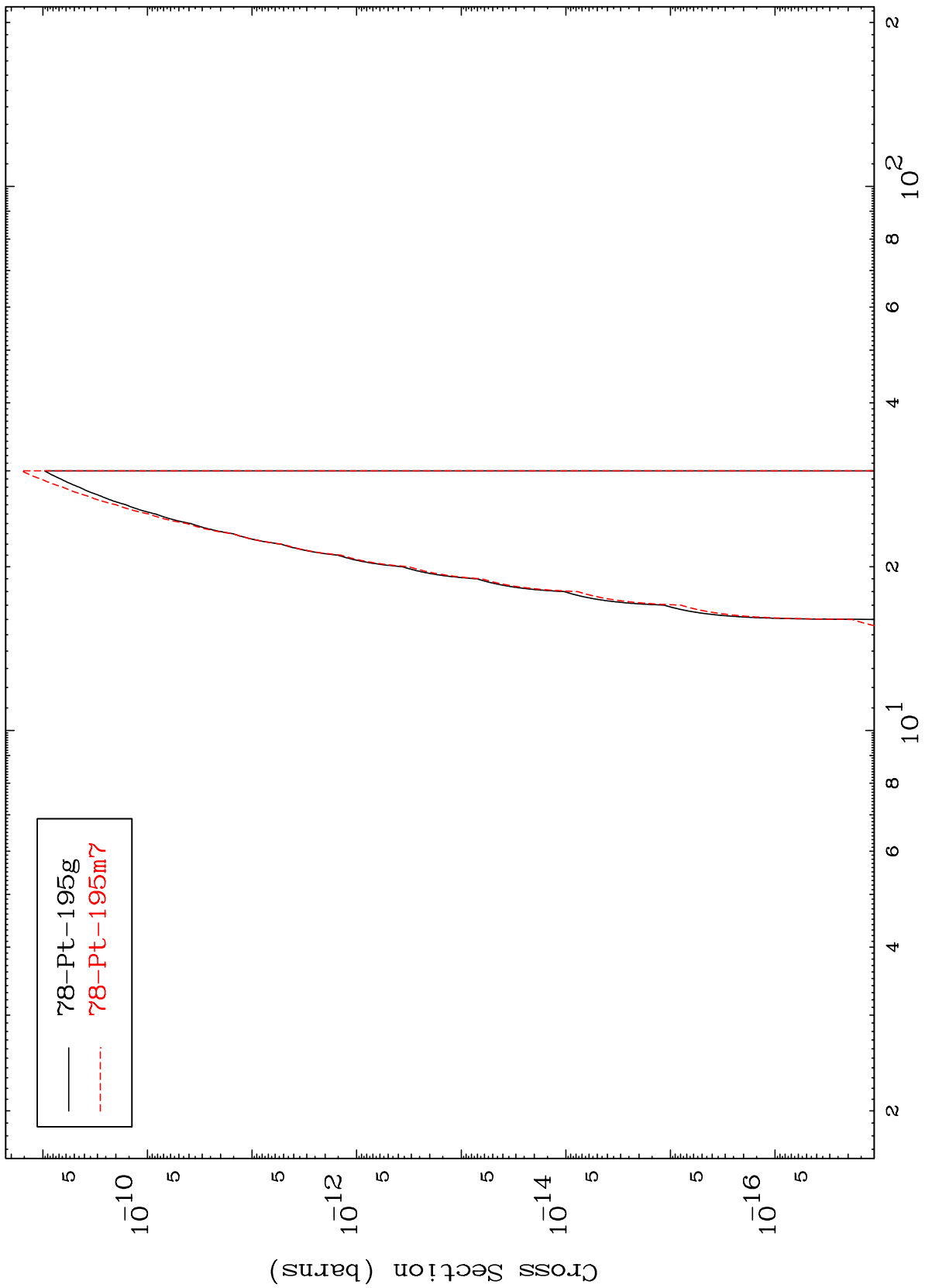
81-Tl-200

MAT 81116

(n,d) α

81-Tl-200

Radionuclide Production Cross Section



78-Pt-195g
78-Pt-195m7

122

Incident Energy (MeV)

81-Tl-200