

Program EVALPLOT
(Version 2015-2)

by

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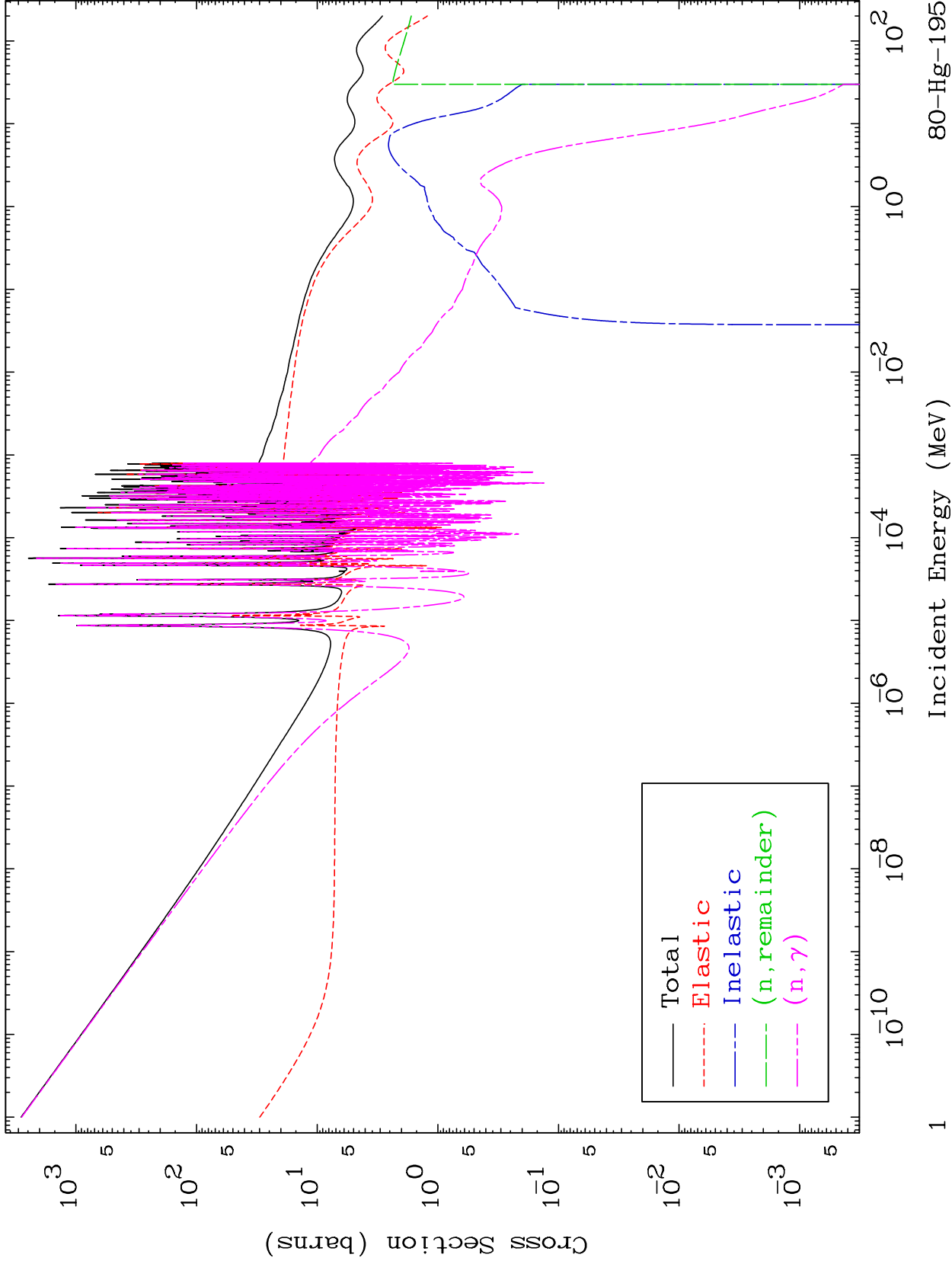
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8022

Major
293 Kelvin Cross Sections

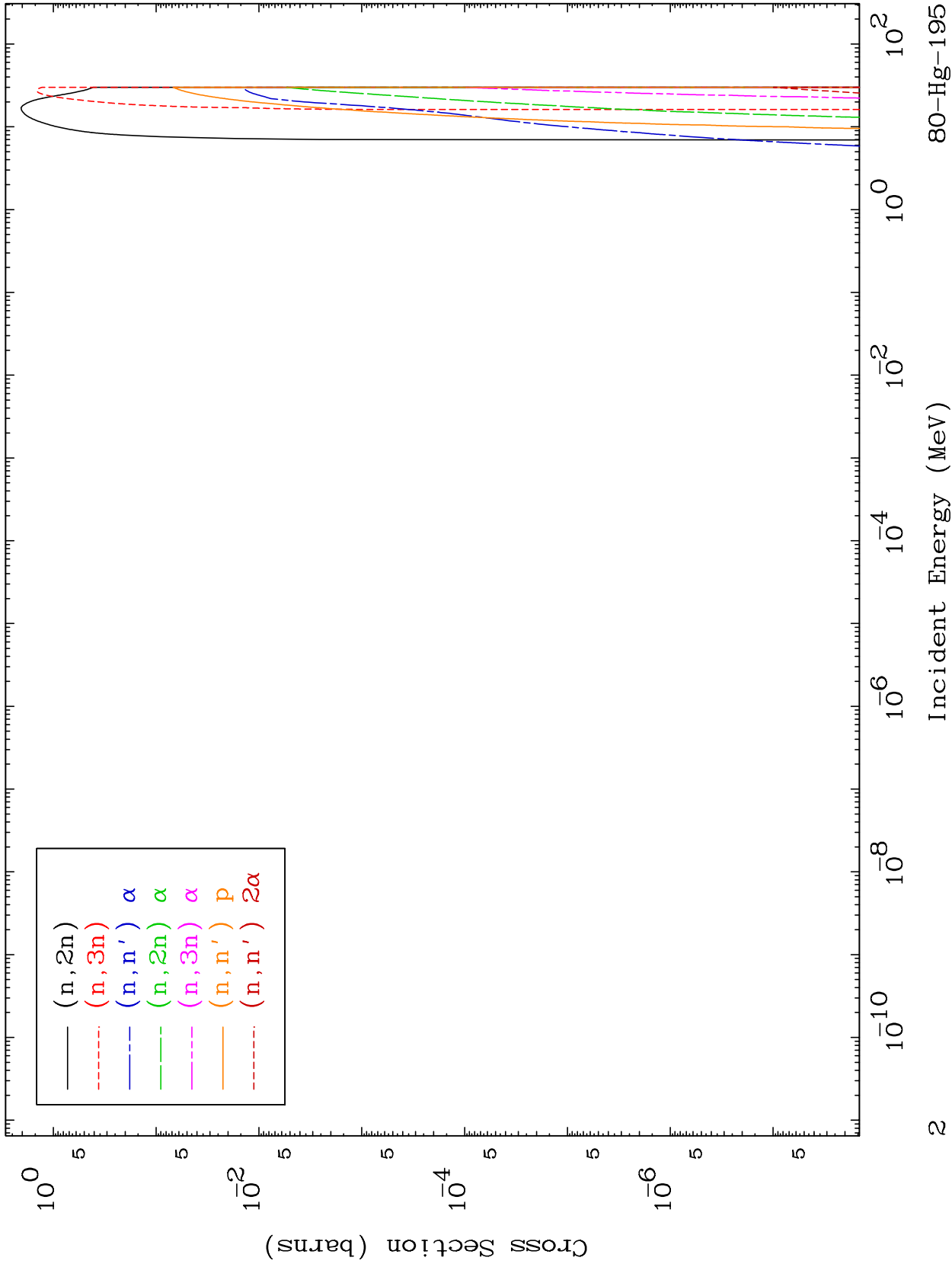
80-Hg-195



MAT 8022

Neutron Production
293 Kelvin Cross Sections

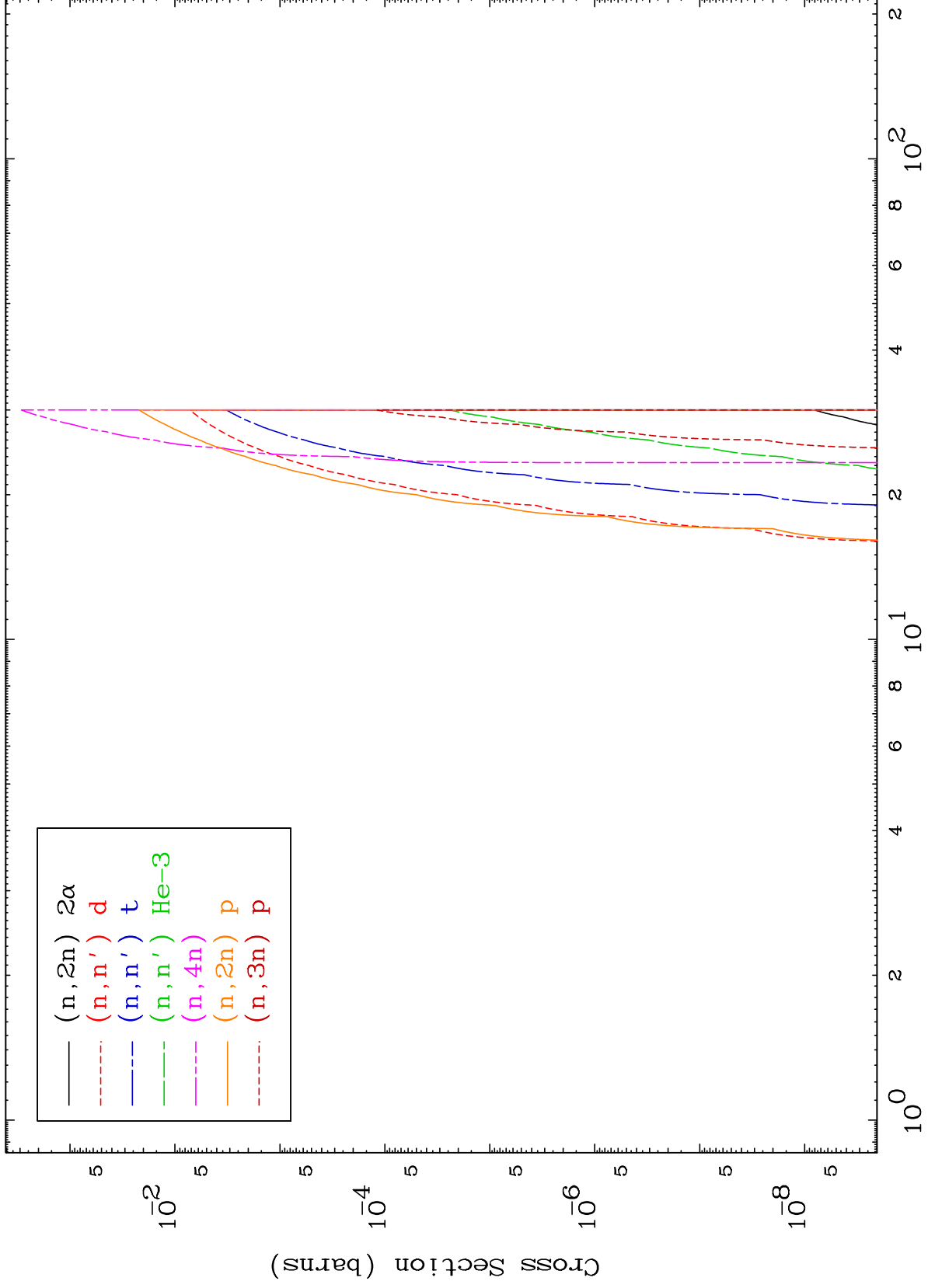
80-Hg-195



MAT 8022

Neutron Production
293 Kelvin Cross Sections

80-Hg-195



Incident Energy (MeV)

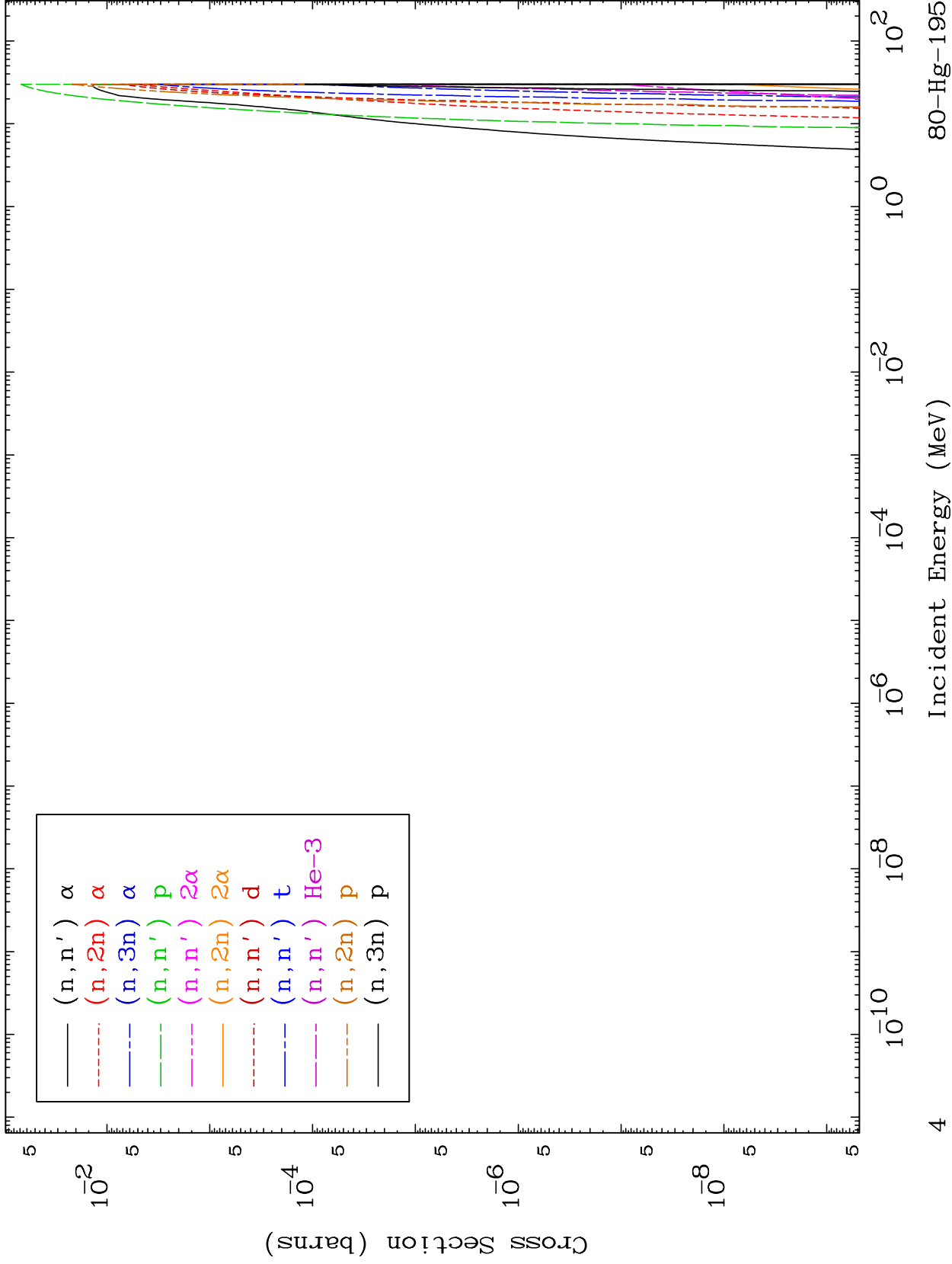
80-Hg-195

3

MAT 8022

Charged Particle
293 Kelvin Cross Sections

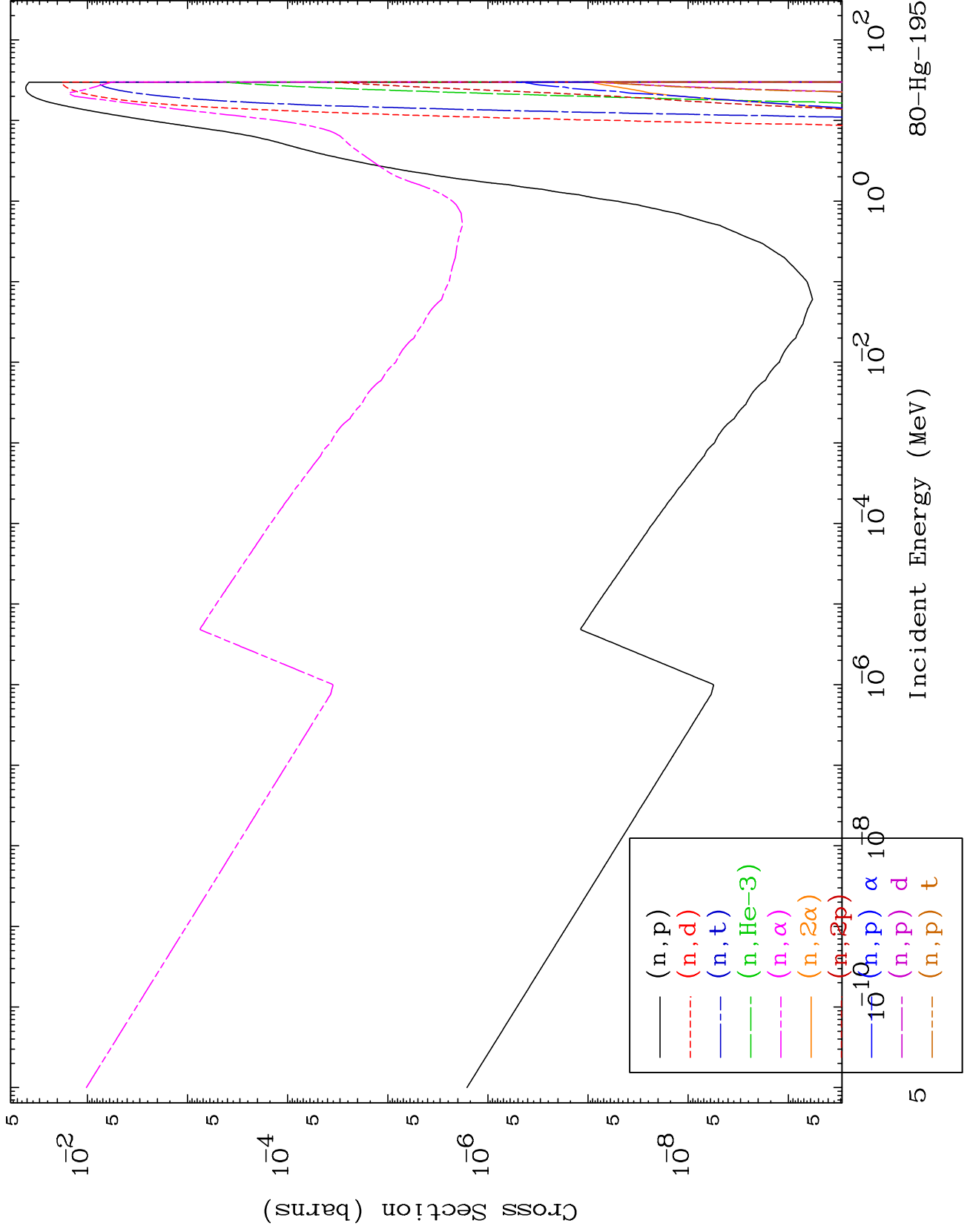
80-Hg-195

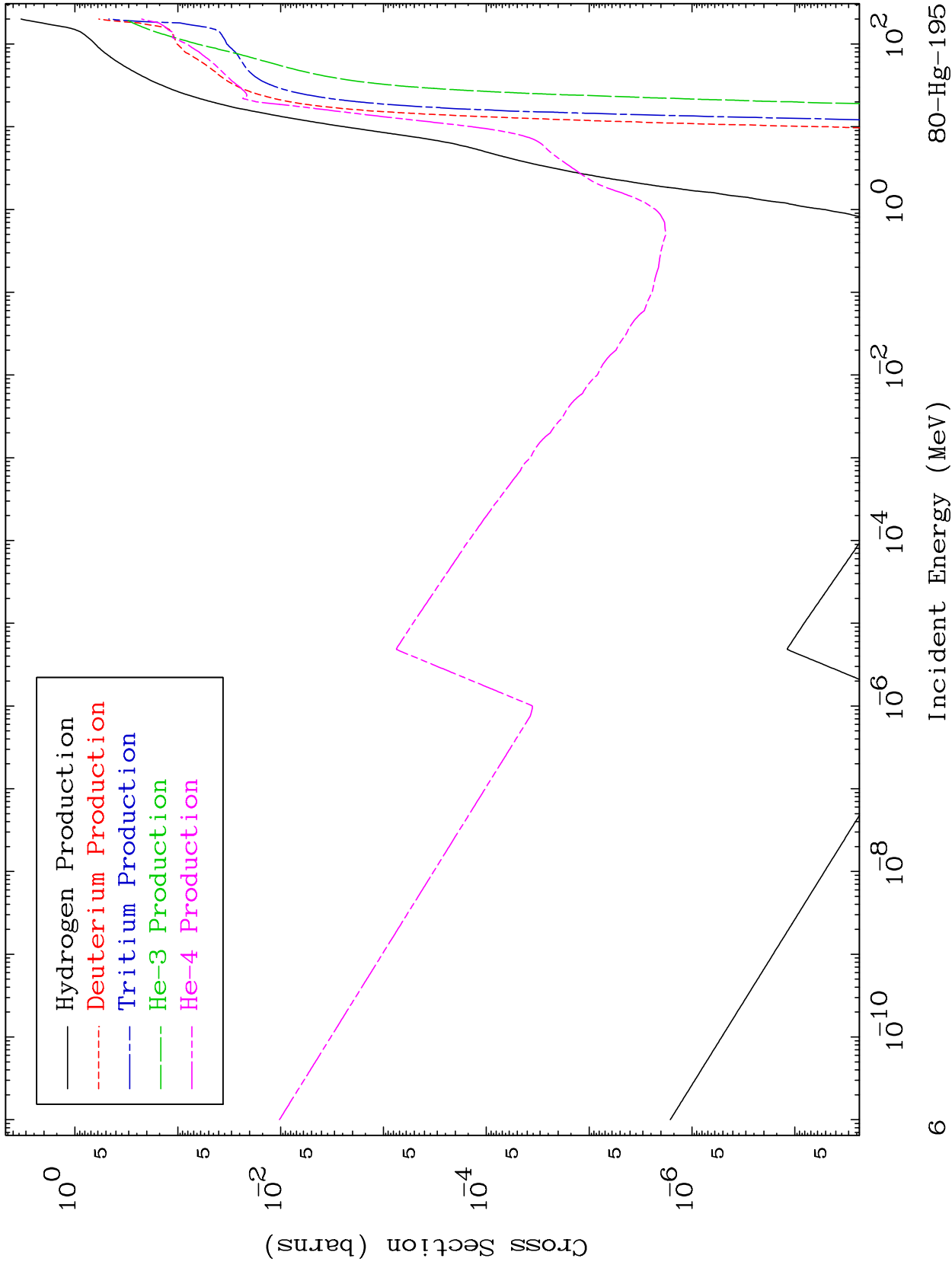


MAT 80222

Charged Particle
293 Kelvin Cross Sections

80-Hg-195

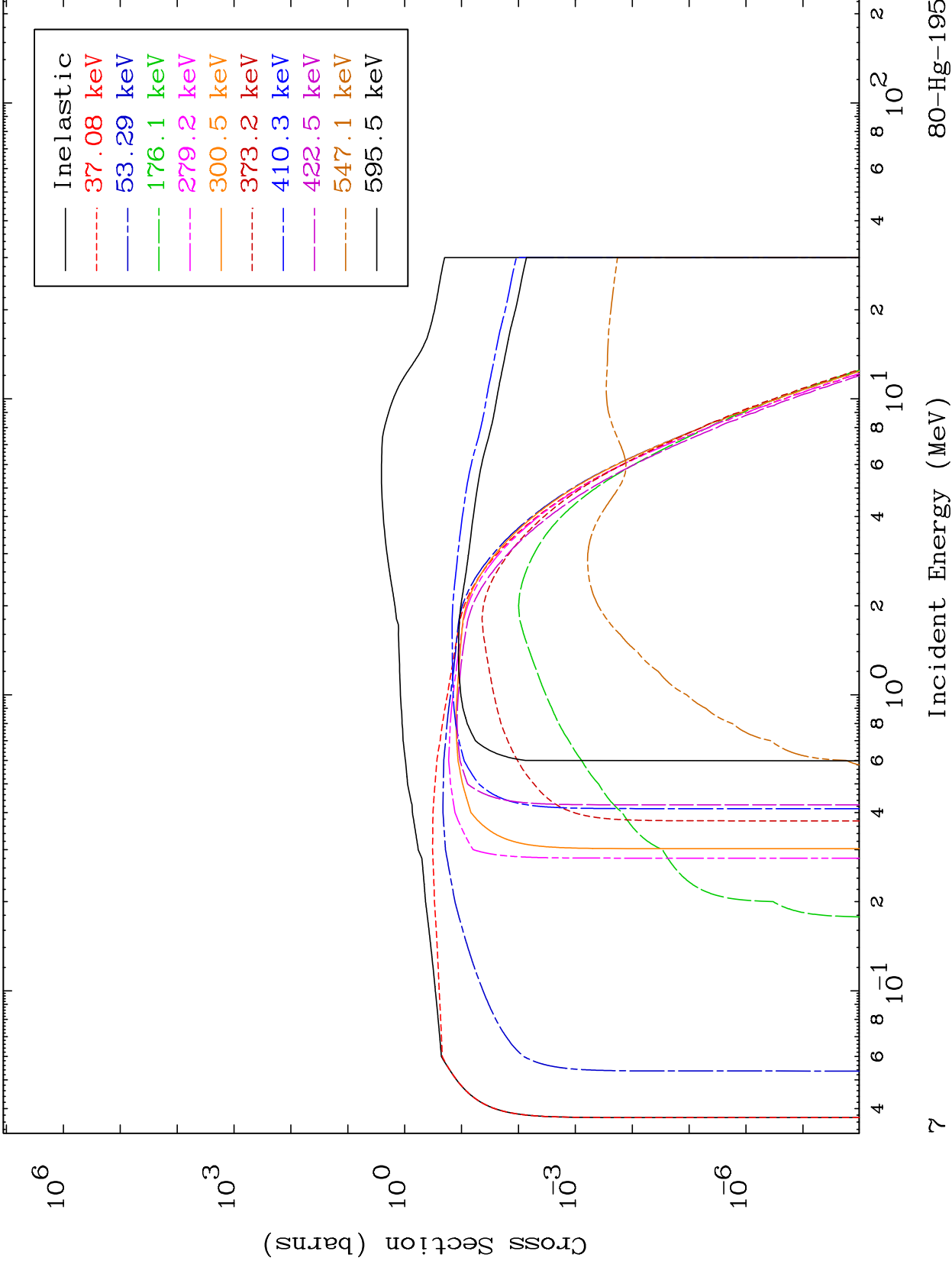




MAT 8022

(n,n') Level
293 Kelvin Cross Sections

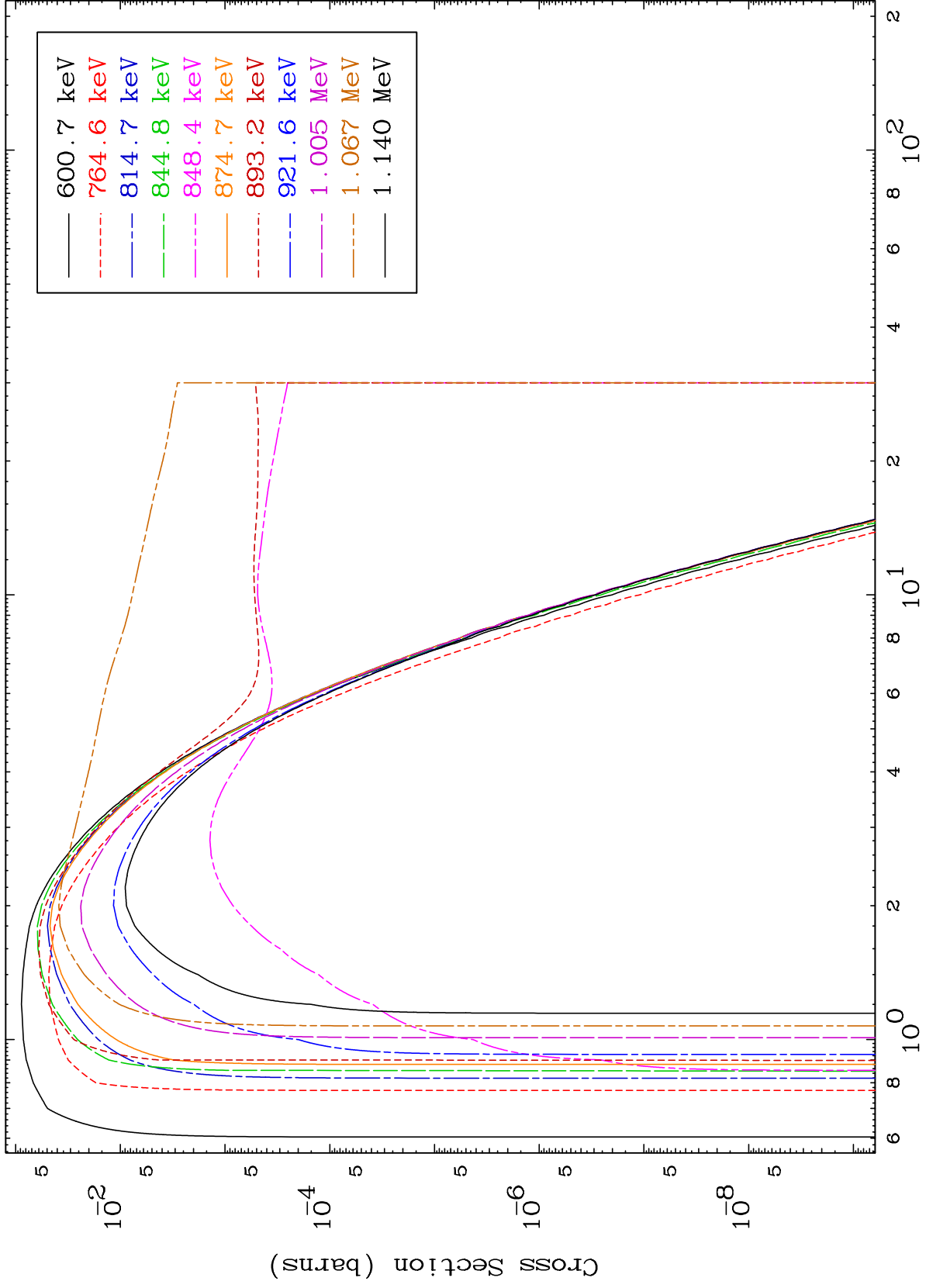
80-Hg-195



MAT 8022

(n,n') Level
293 Kelvin Cross Sections

80-Hg-195



8

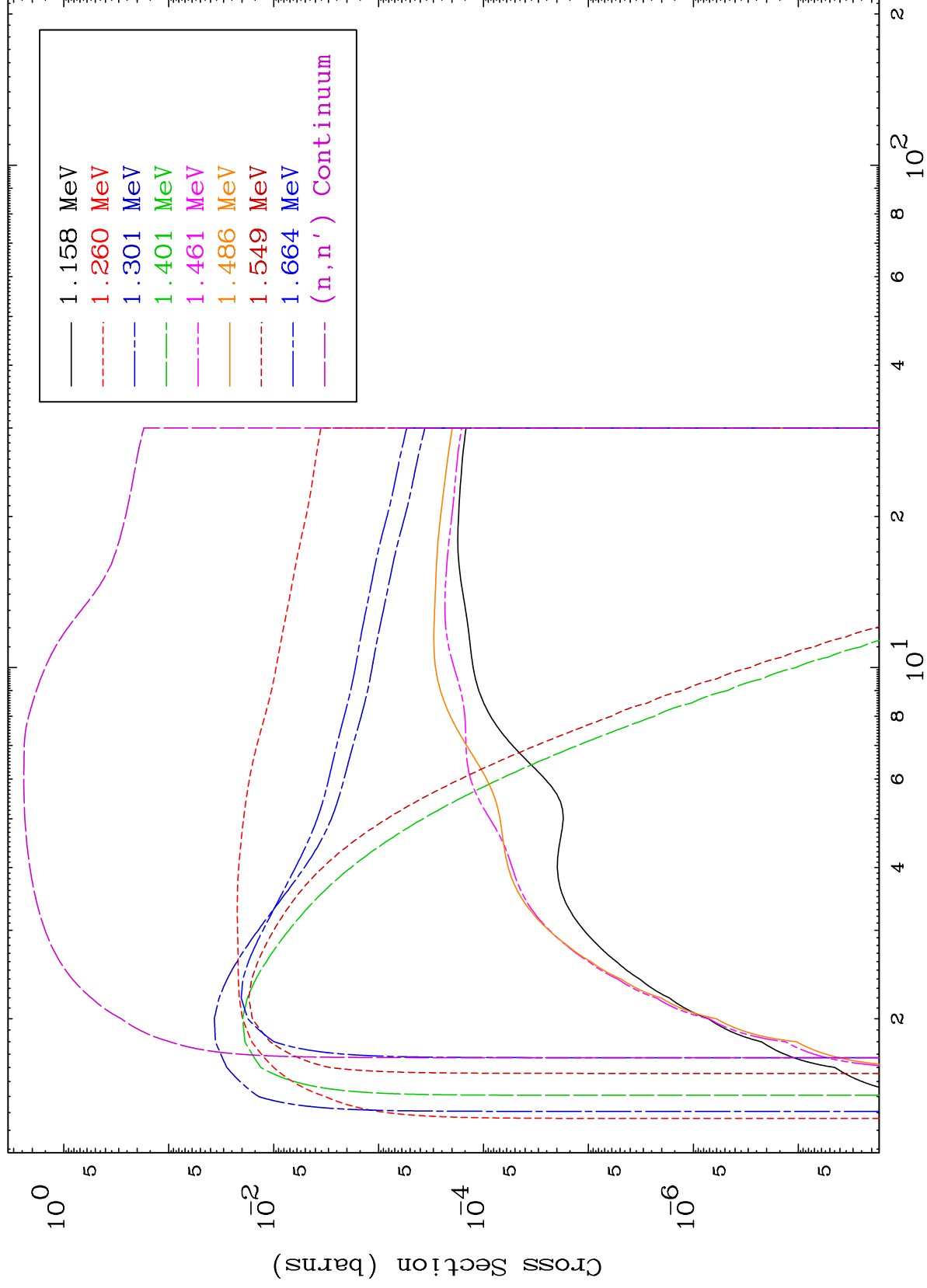
Incident Energy (MeV)

80-Hg-195

MAT 8022

(n,n') Level
293 Kelvin Cross Sections

80-Hg-195



9

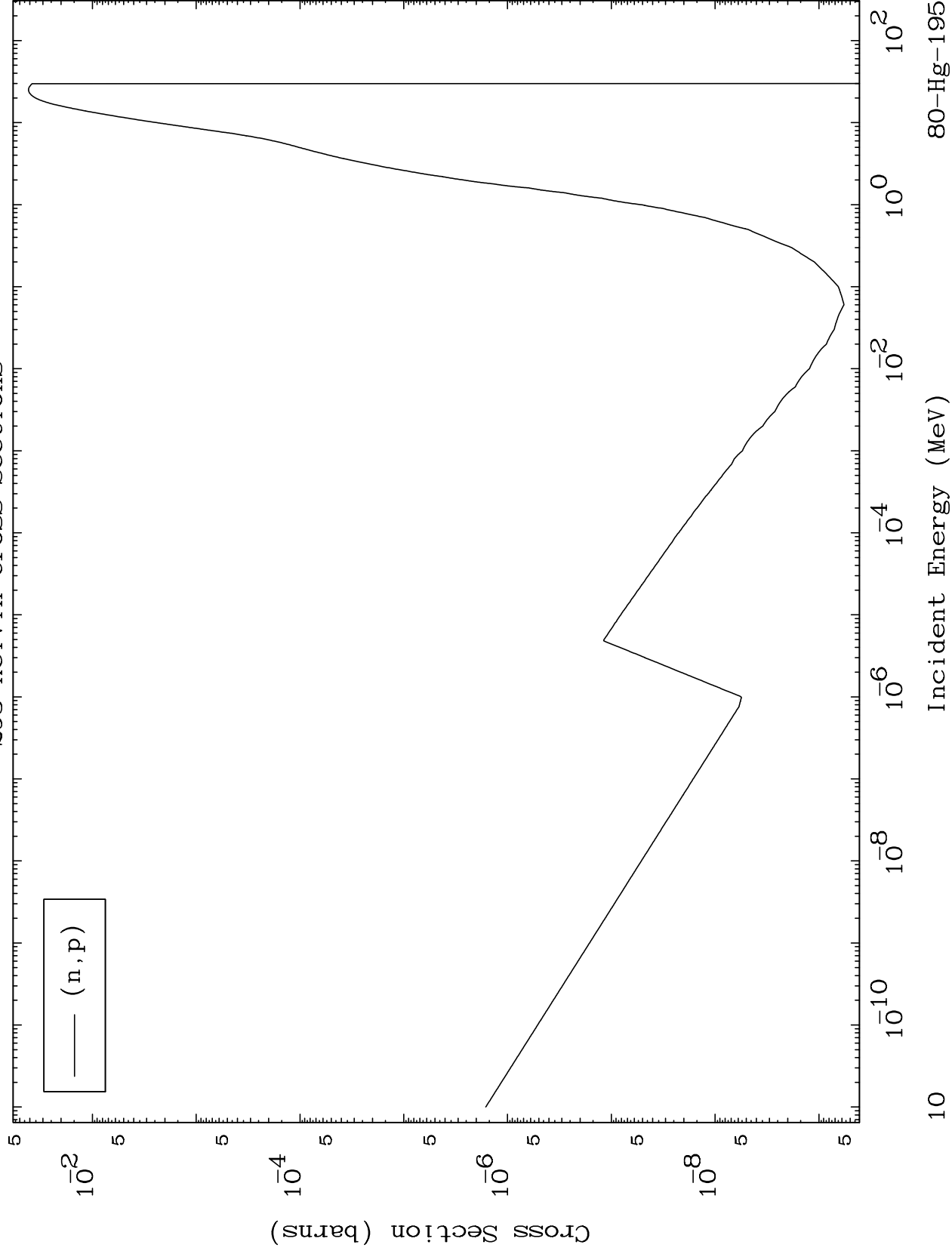
Incident Energy (MeV)

80-Hg-195

MAT 8022

(n,p) Levels
293 Kelvin Cross Sections

80-Hg-195



(n,p)

10

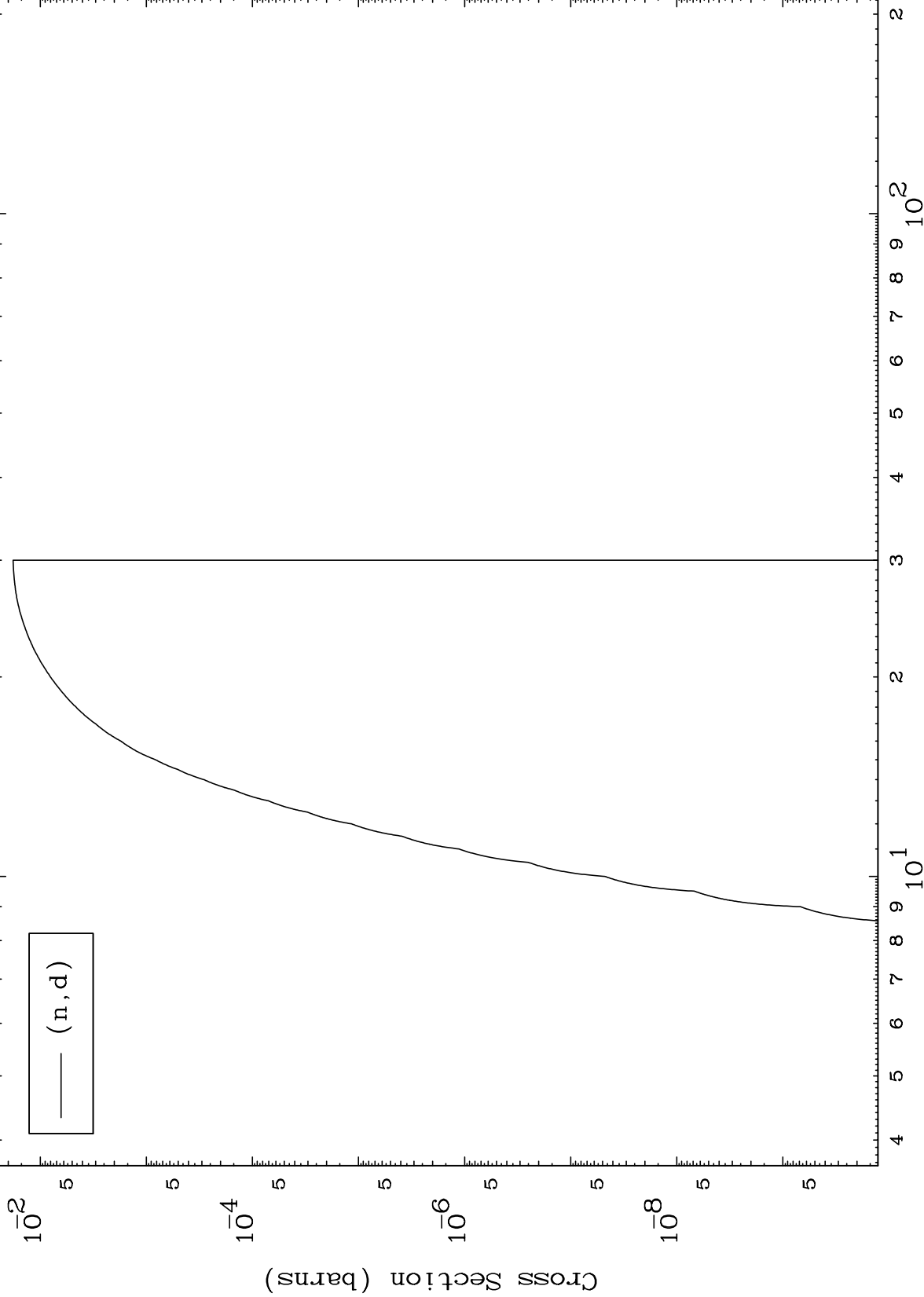
Incident Energy (MeV)

80-Hg-195

MAT 8022

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-195



(n,d)

80-Hg-195

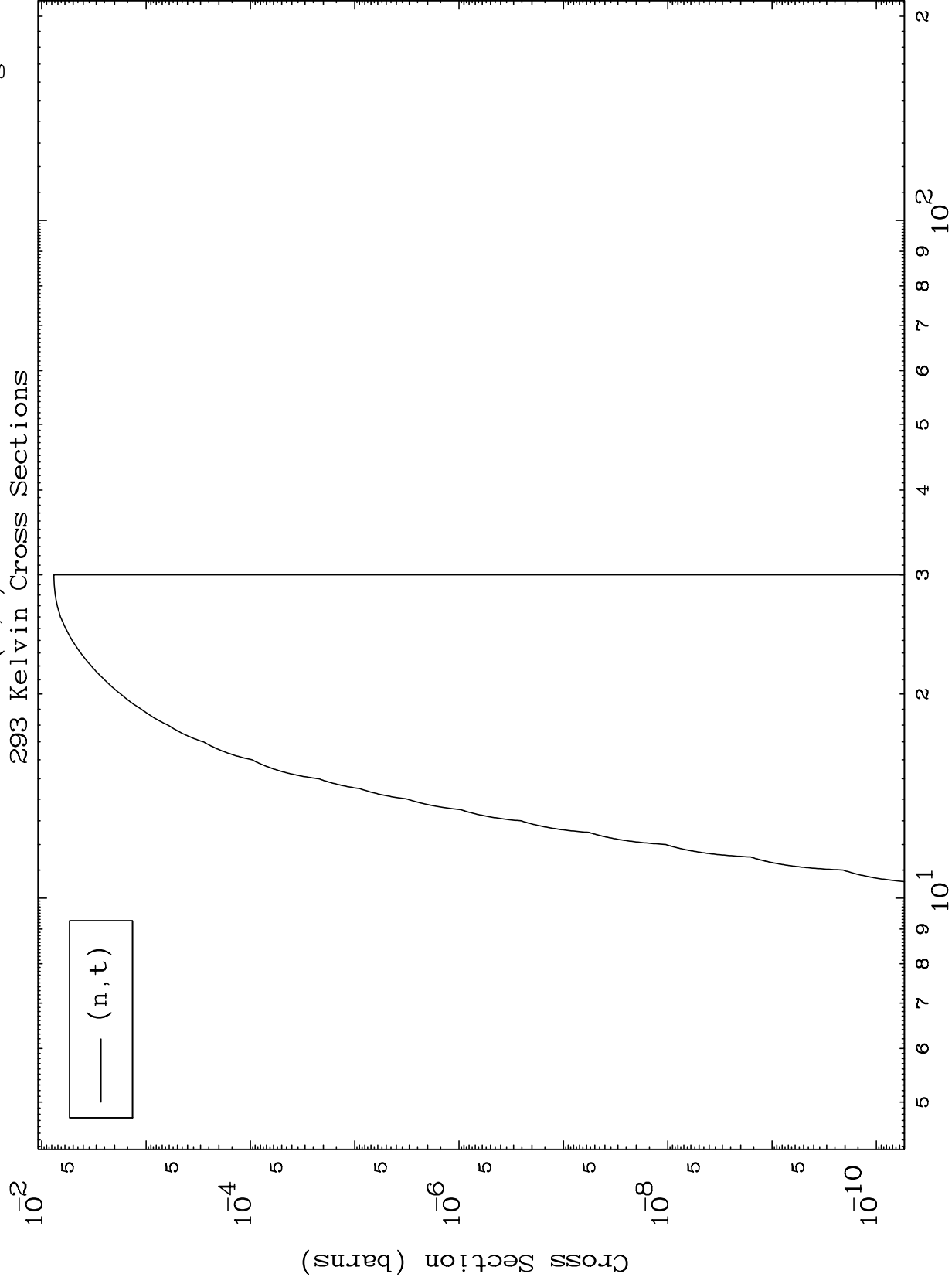
Incident Energy (MeV)

11

MAT 8022

(n,t) Levels
293 Kelvin Cross Sections

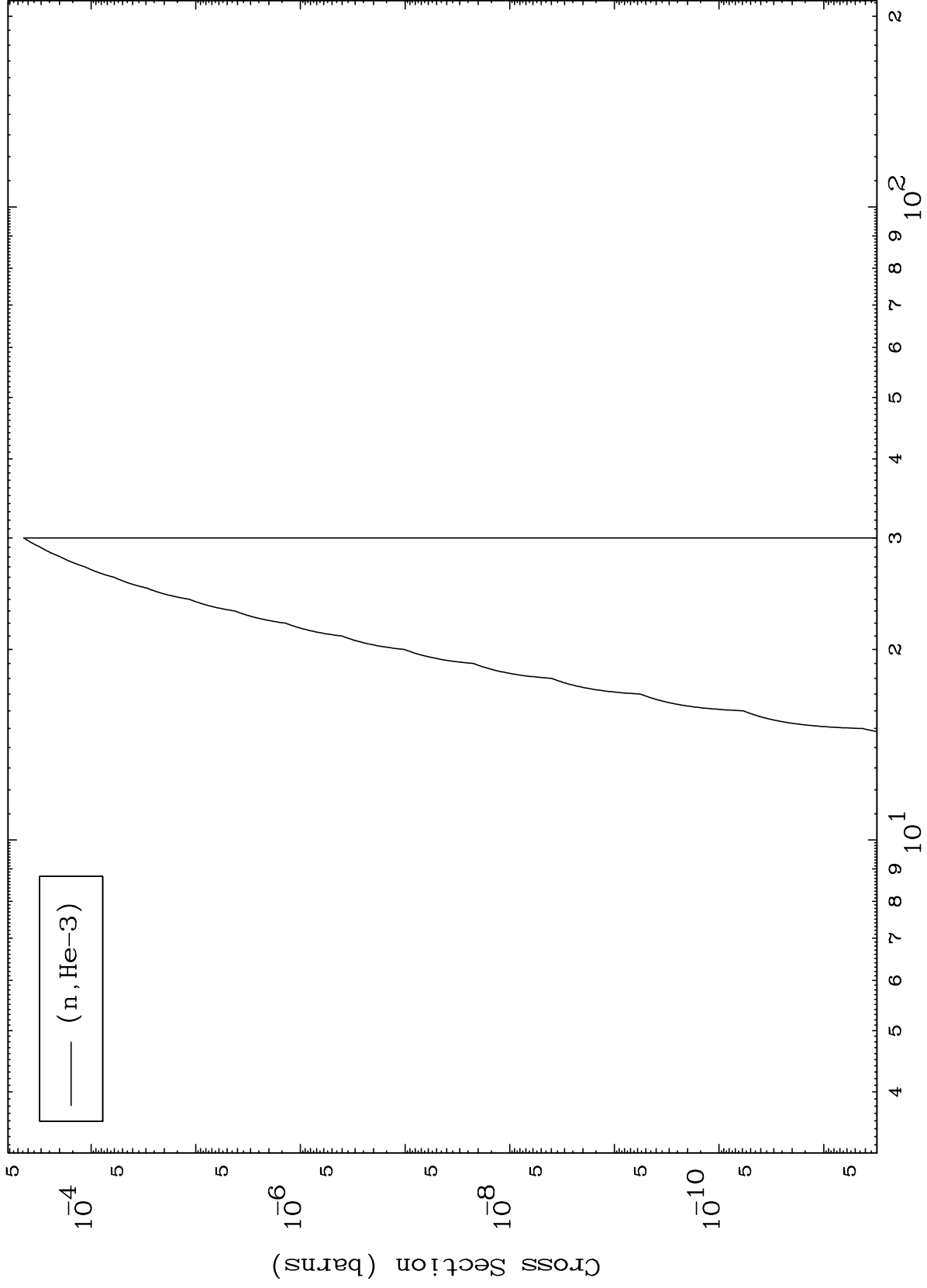
80-Hg-195



MAT 8022

(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-195



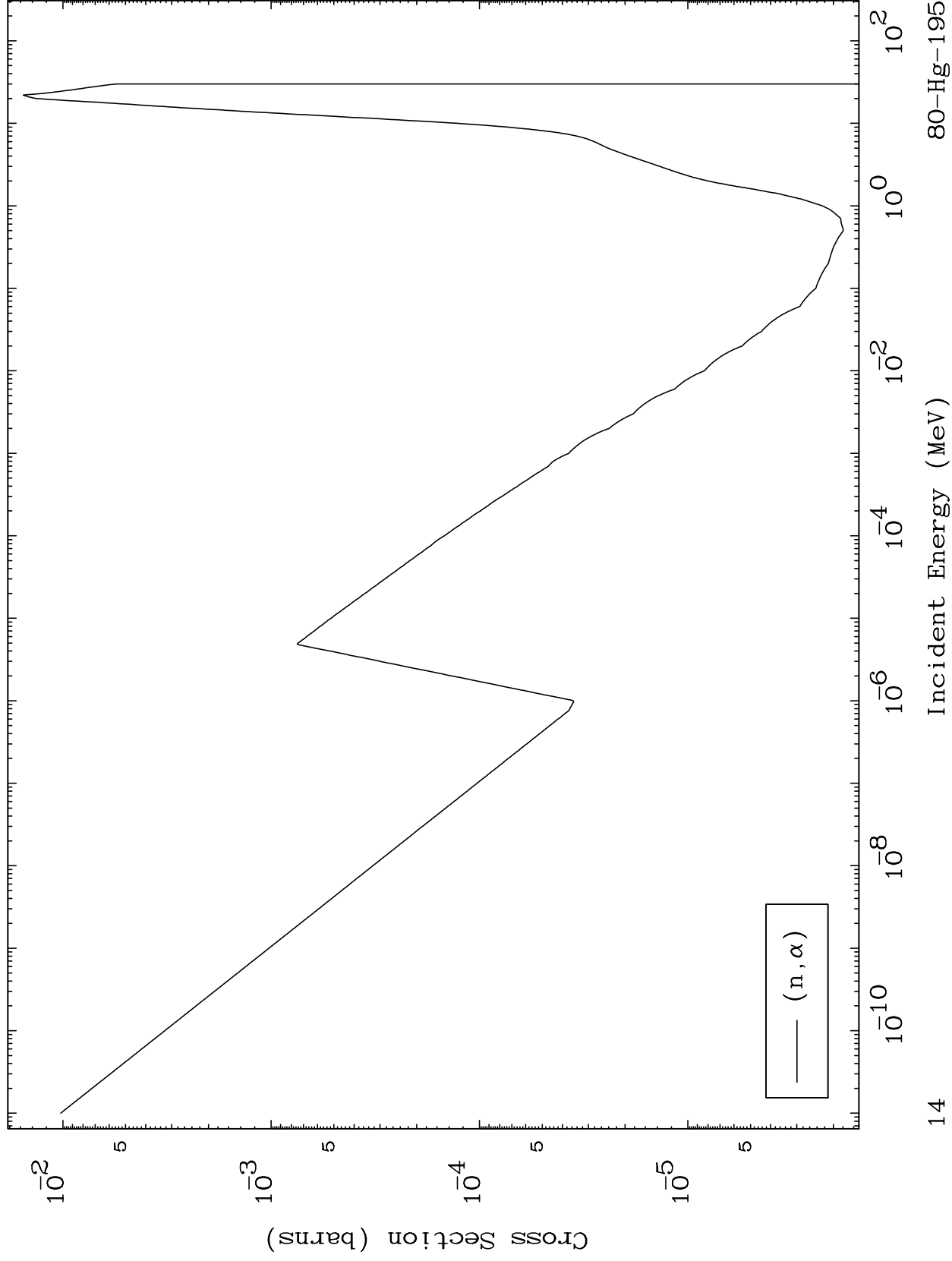
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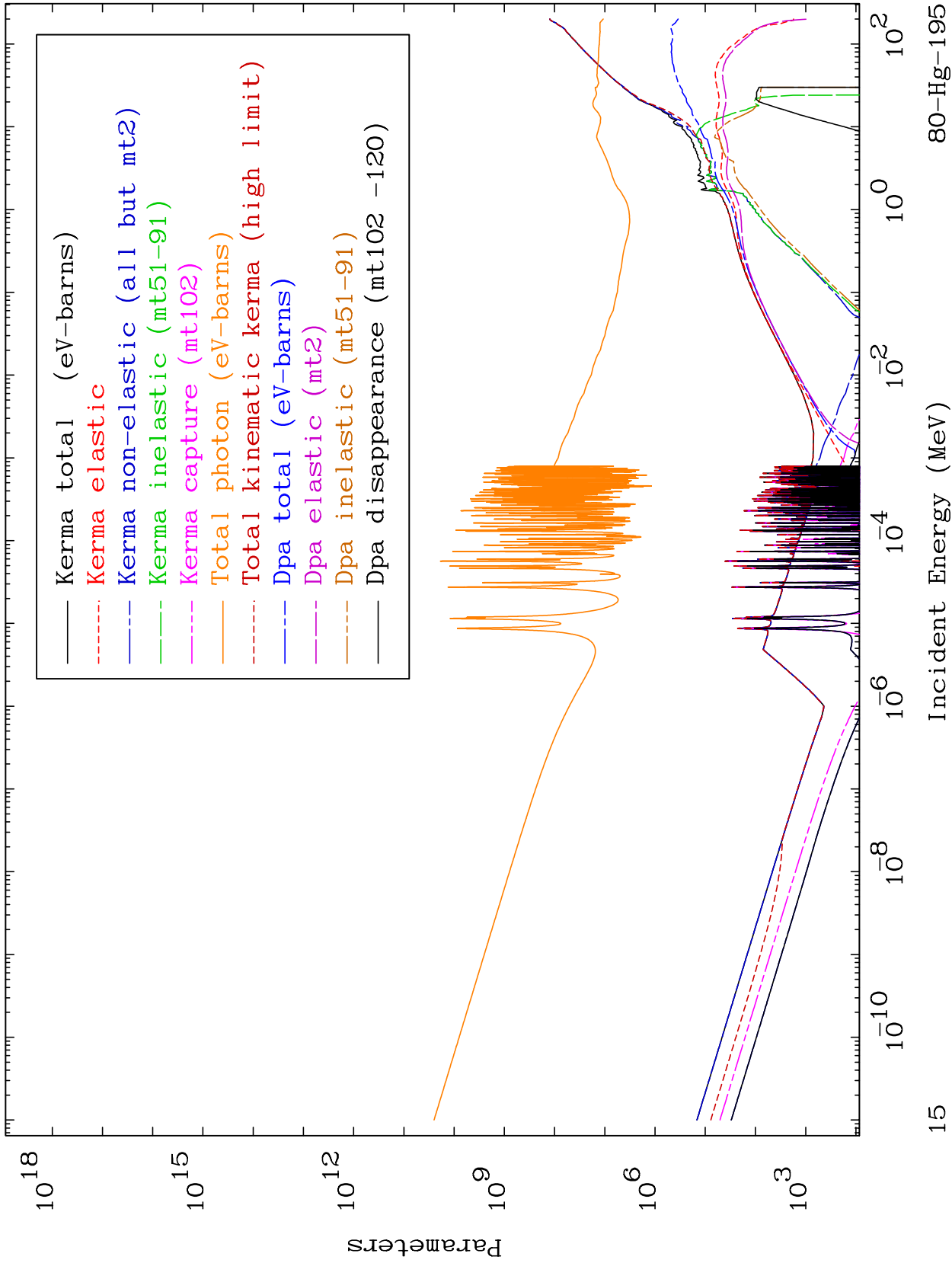
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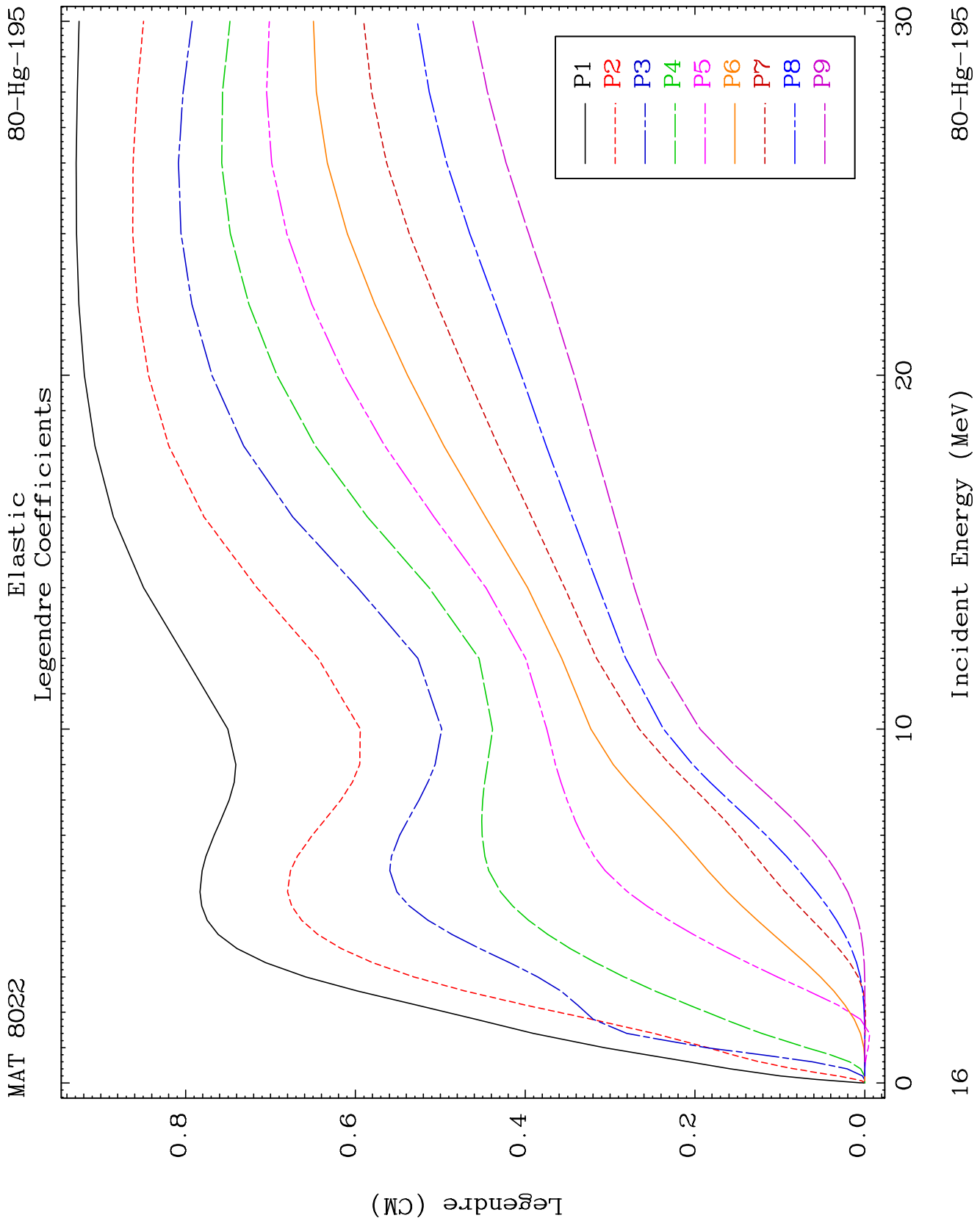
MAT 8022

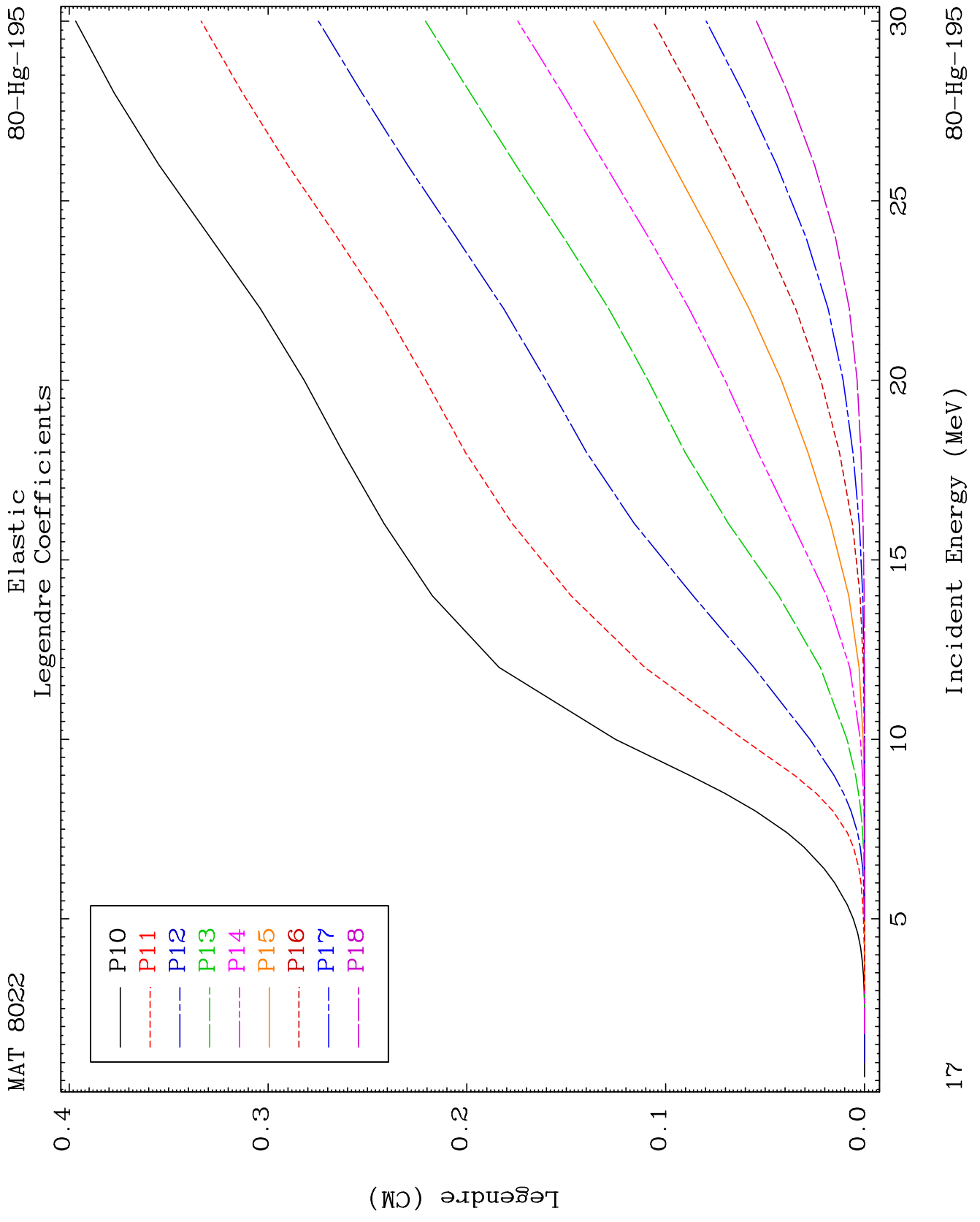
(n, α) Levels
293 Kelvin Cross Sections

80-Hg-195





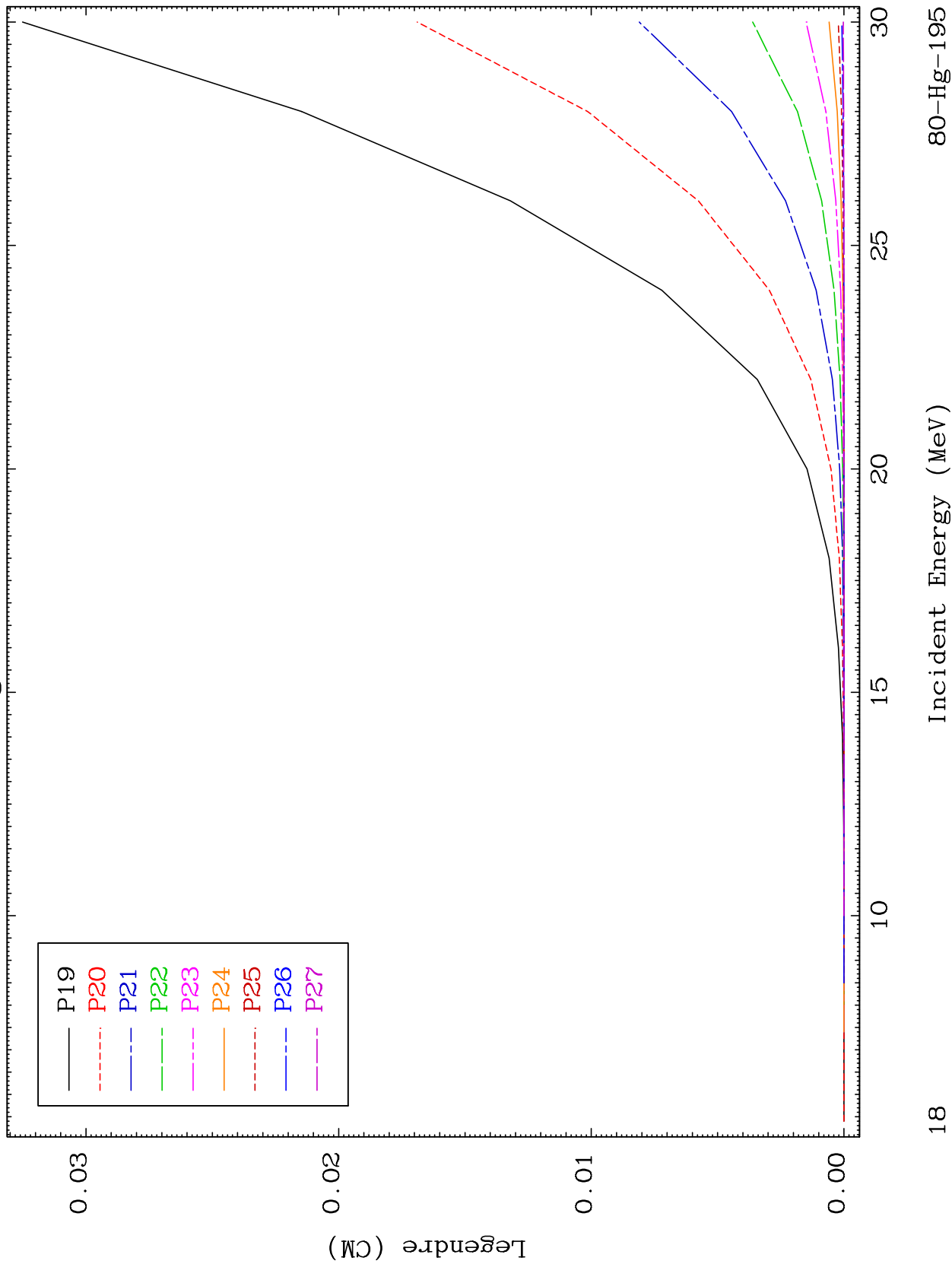




MAT 8022

Elastic
Legendre Coefficients

80-Hg-195



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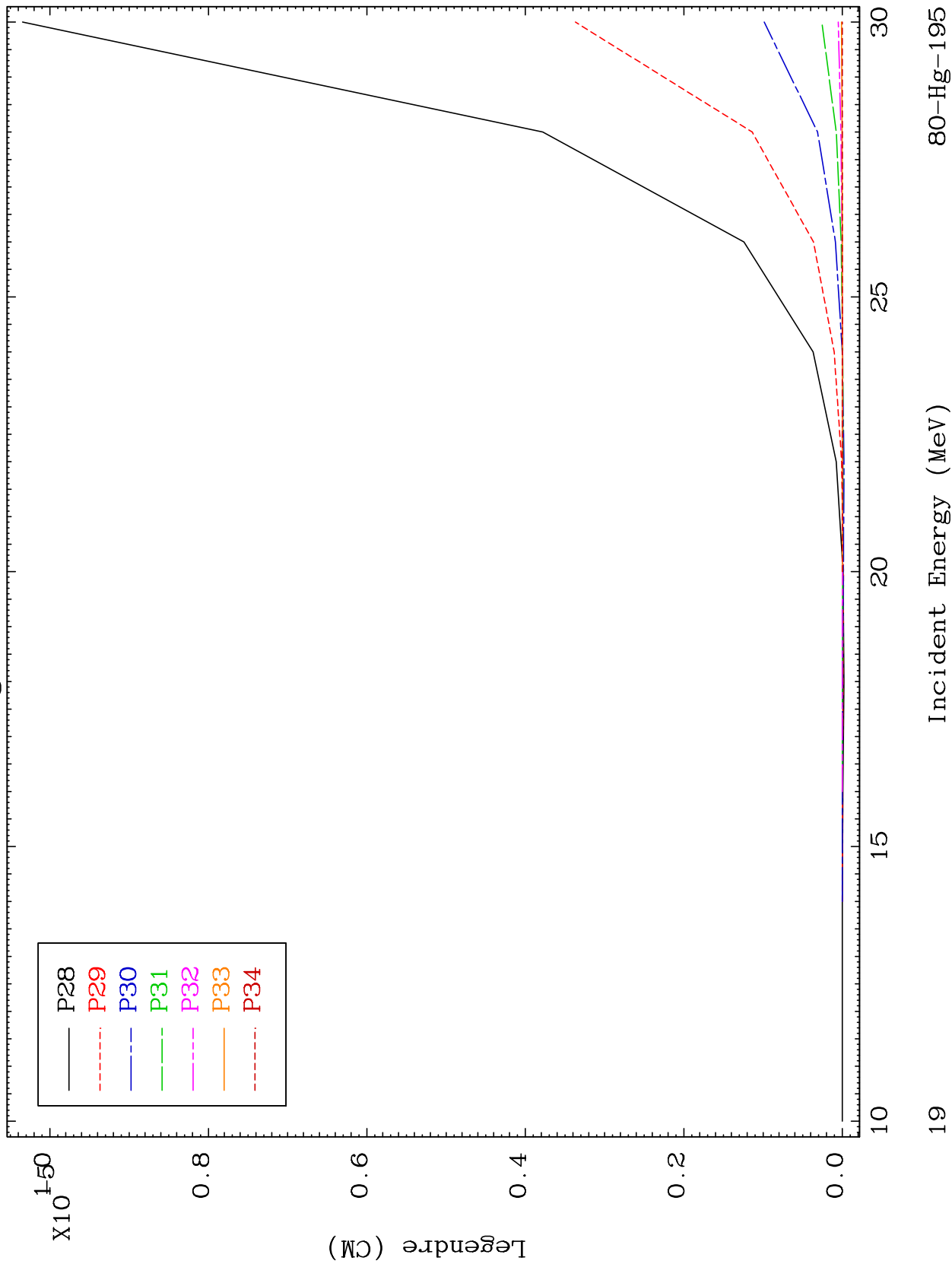
Incident Energy (MeV)

80-Hg-195

MAT 8022

Elastic Legendre Coefficients

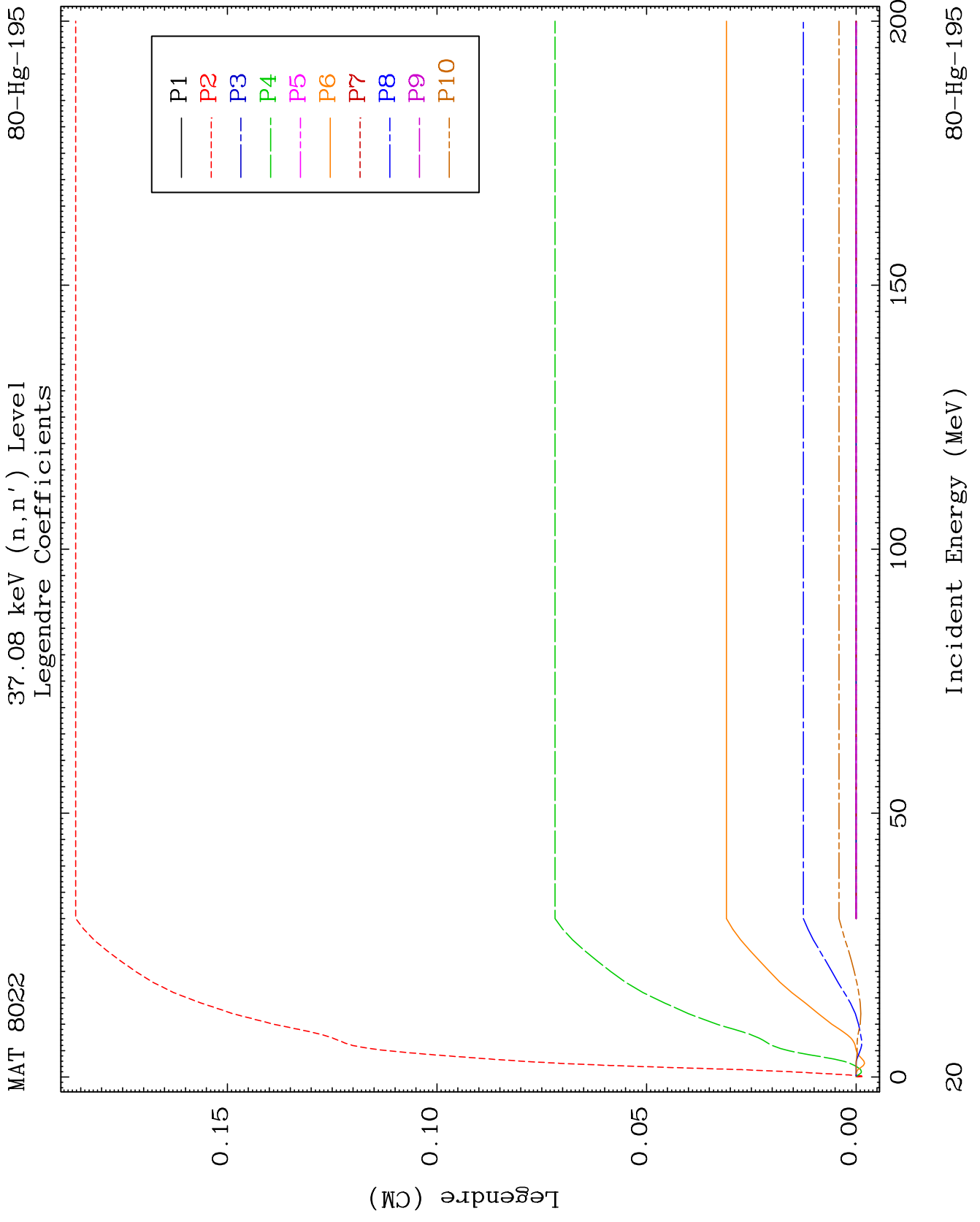
80-Hg-195



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Incident Energy (MeV)

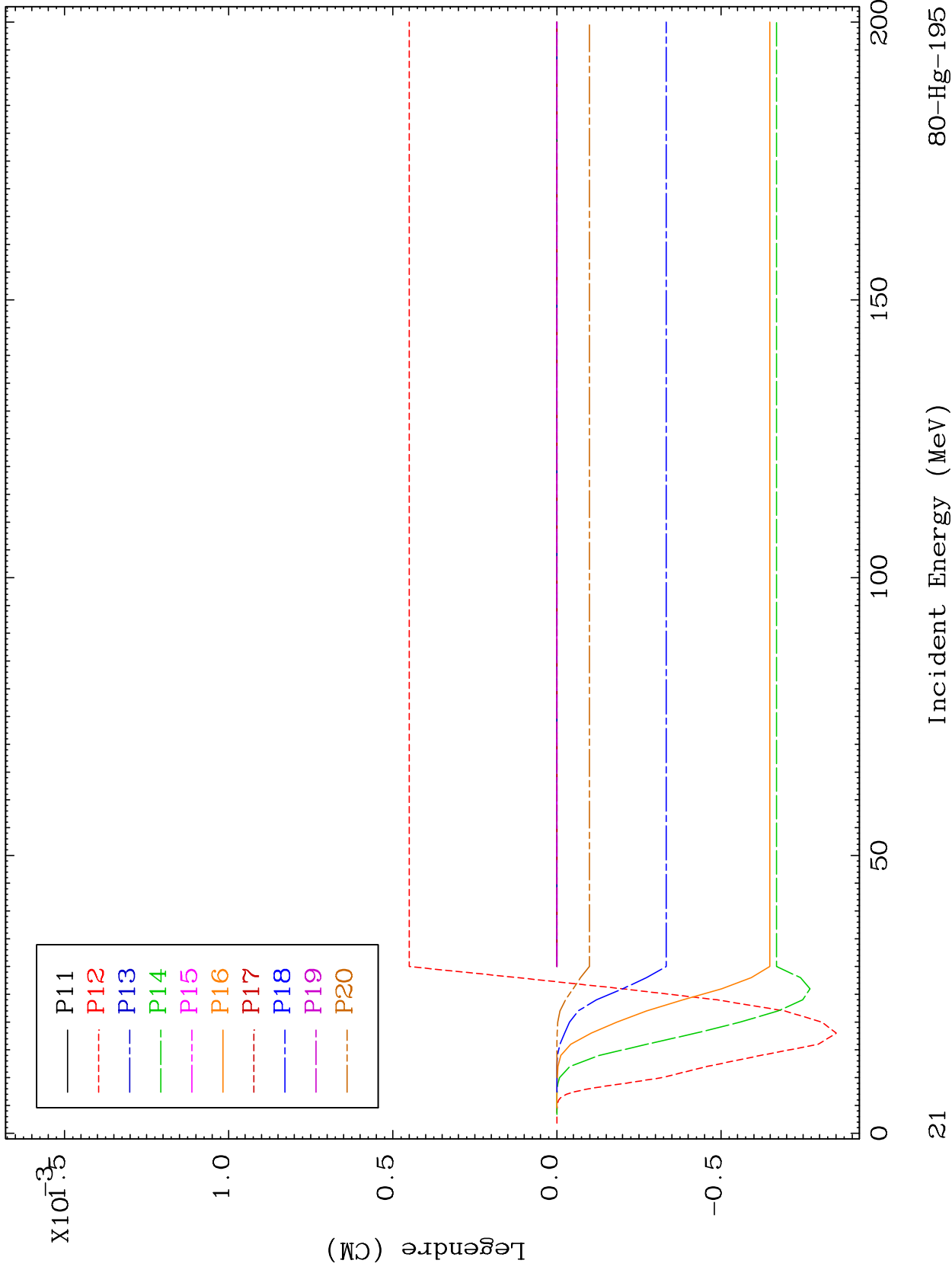
80-Hg-195



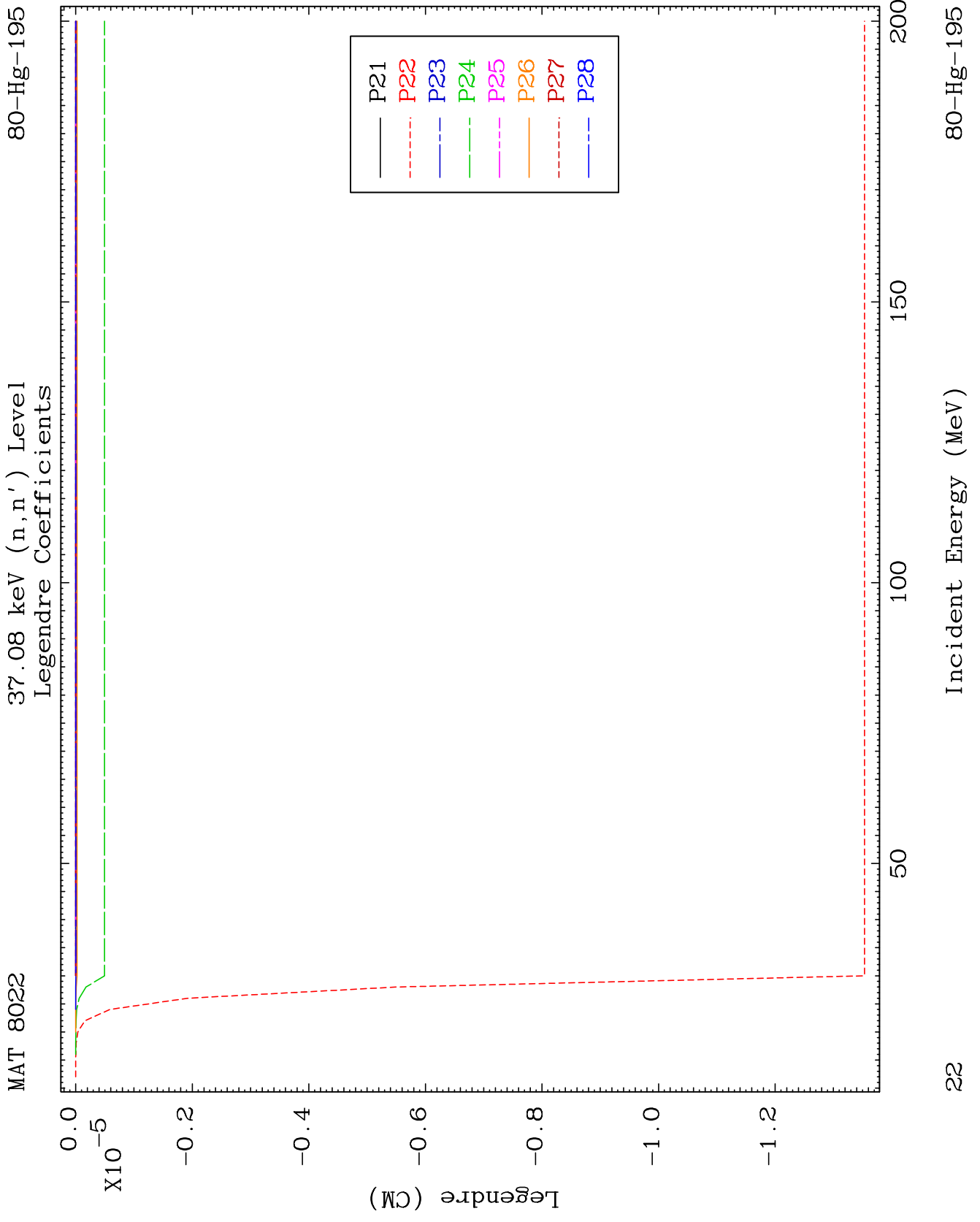
MAT 8022

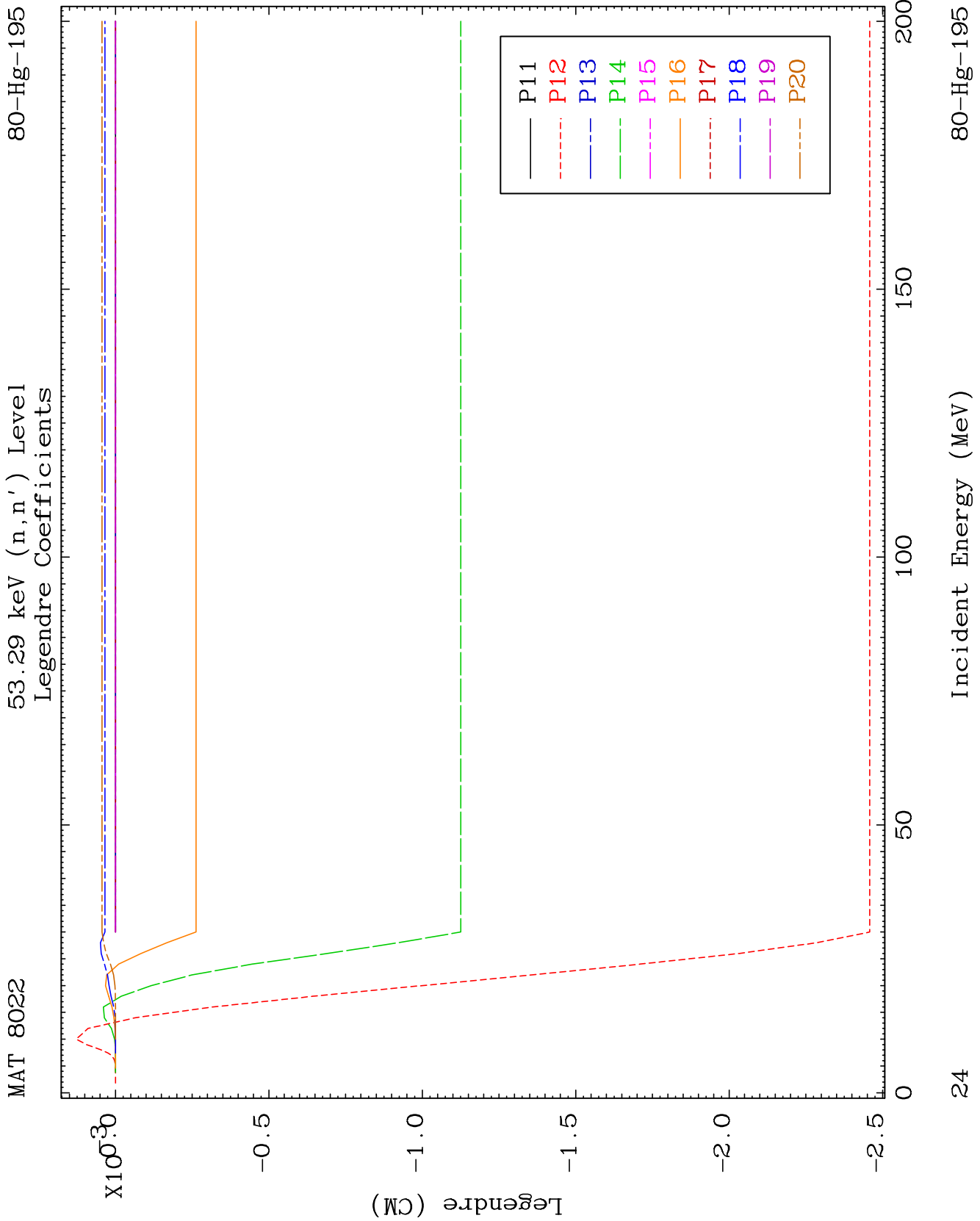
37.08 keV (n,n') Level
Legendre Coefficients

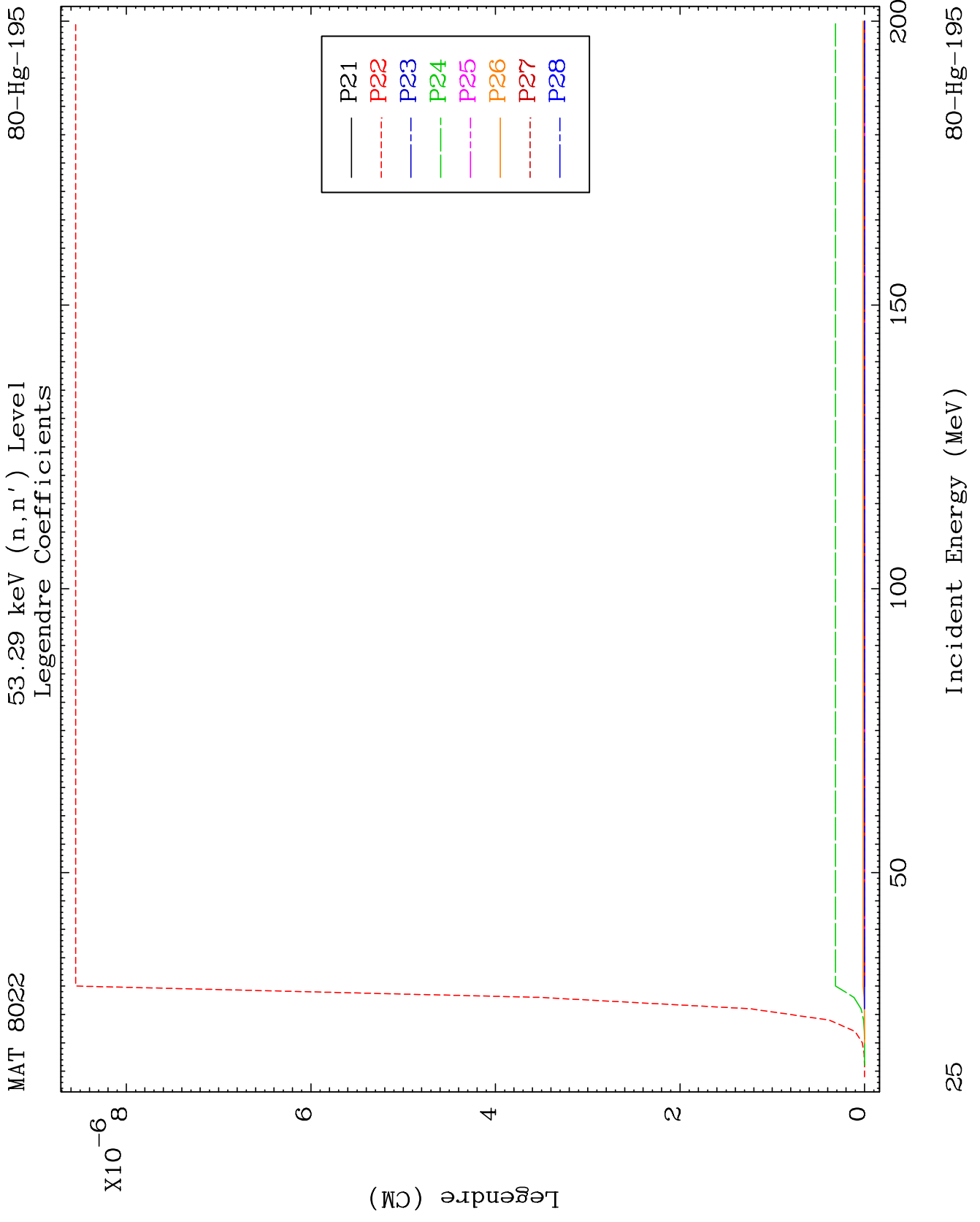
80-Hg-195



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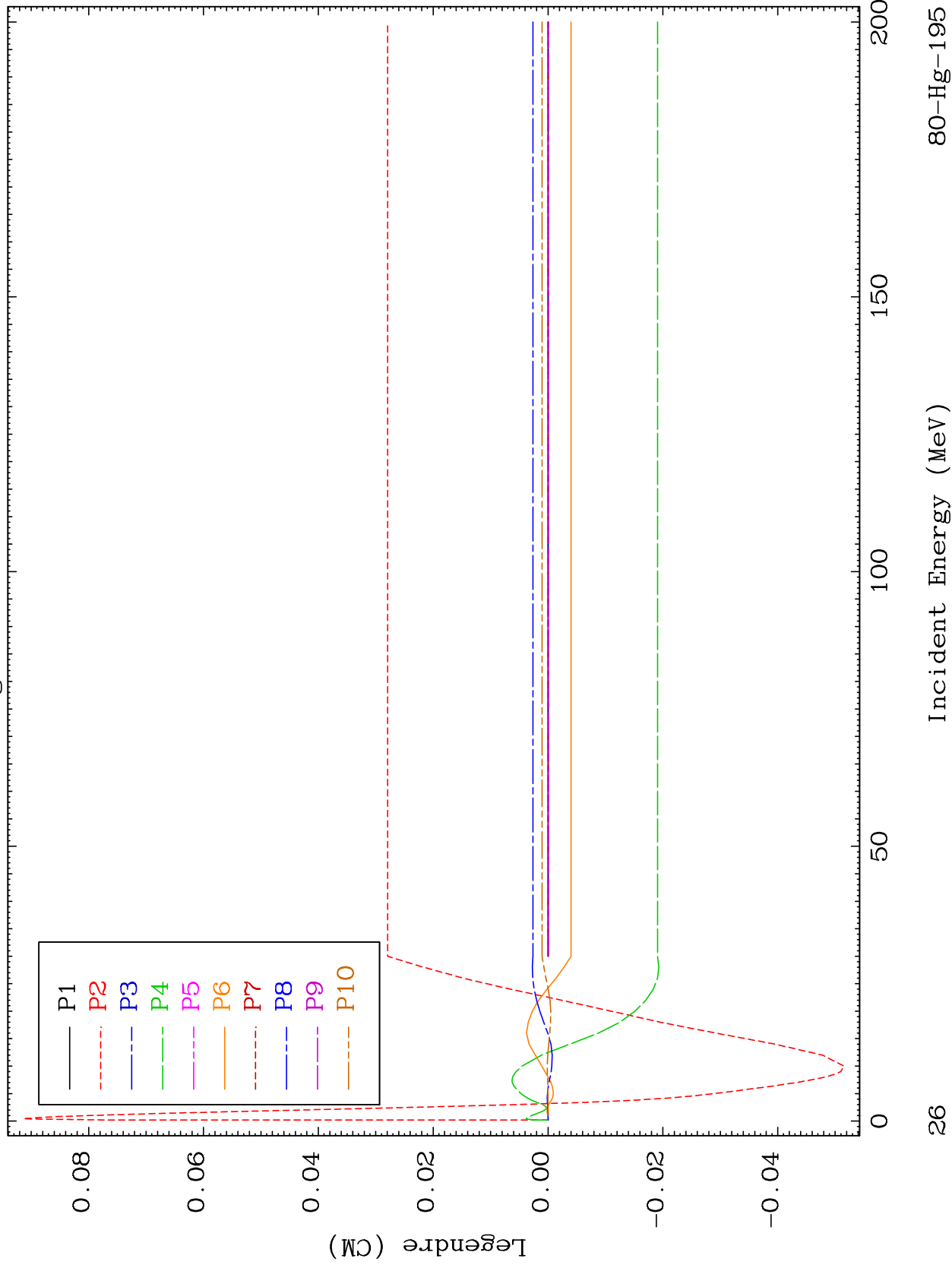




MAT 8022

176.1 keV (n,n') Level
Legendre Coefficients

80-Hg-195



80-Hg-195

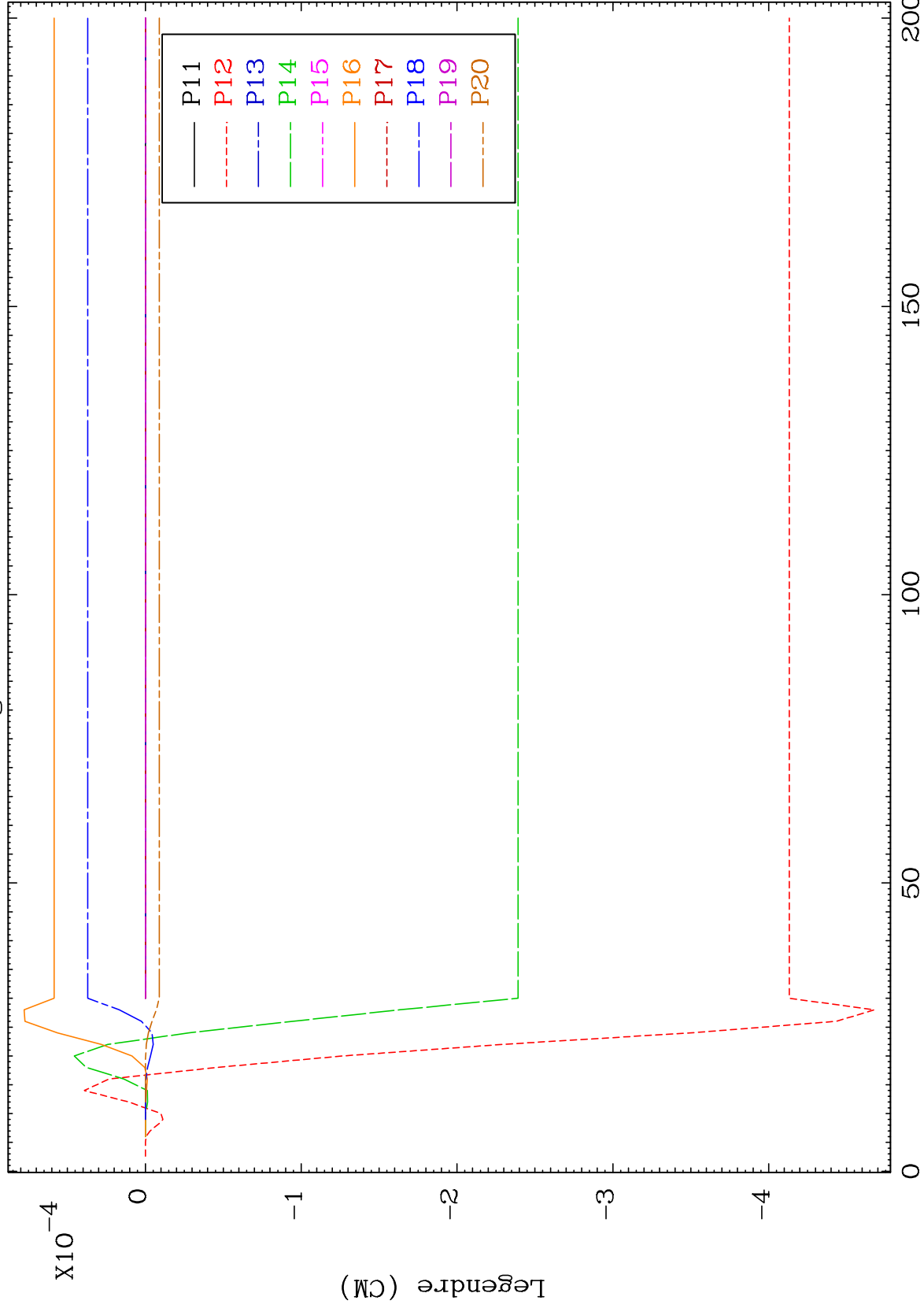
Incident Energy (MeV)

26

MAT 8022

176.1 keV (n,n') Level
Legendre Coefficients

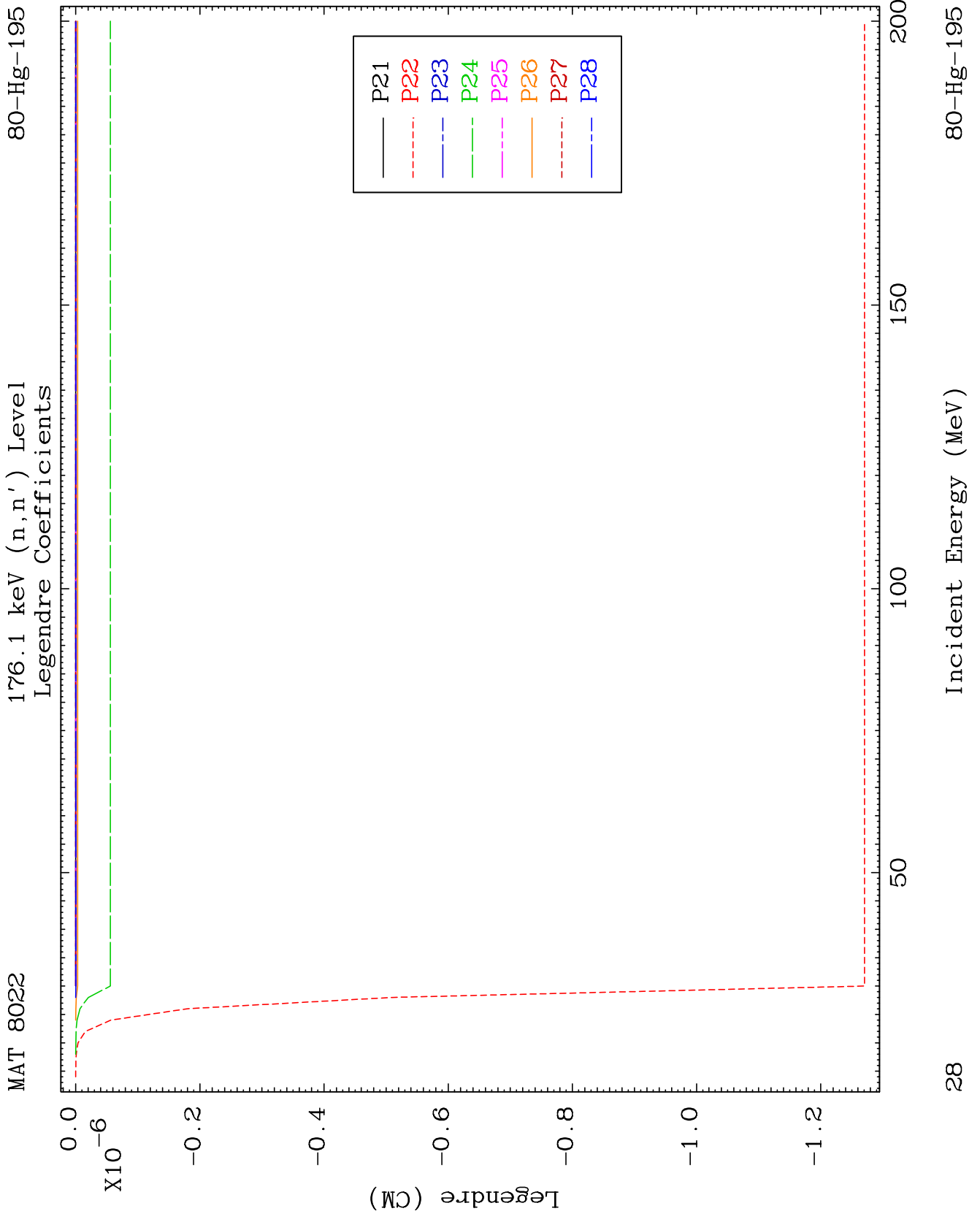
80-Hg-195

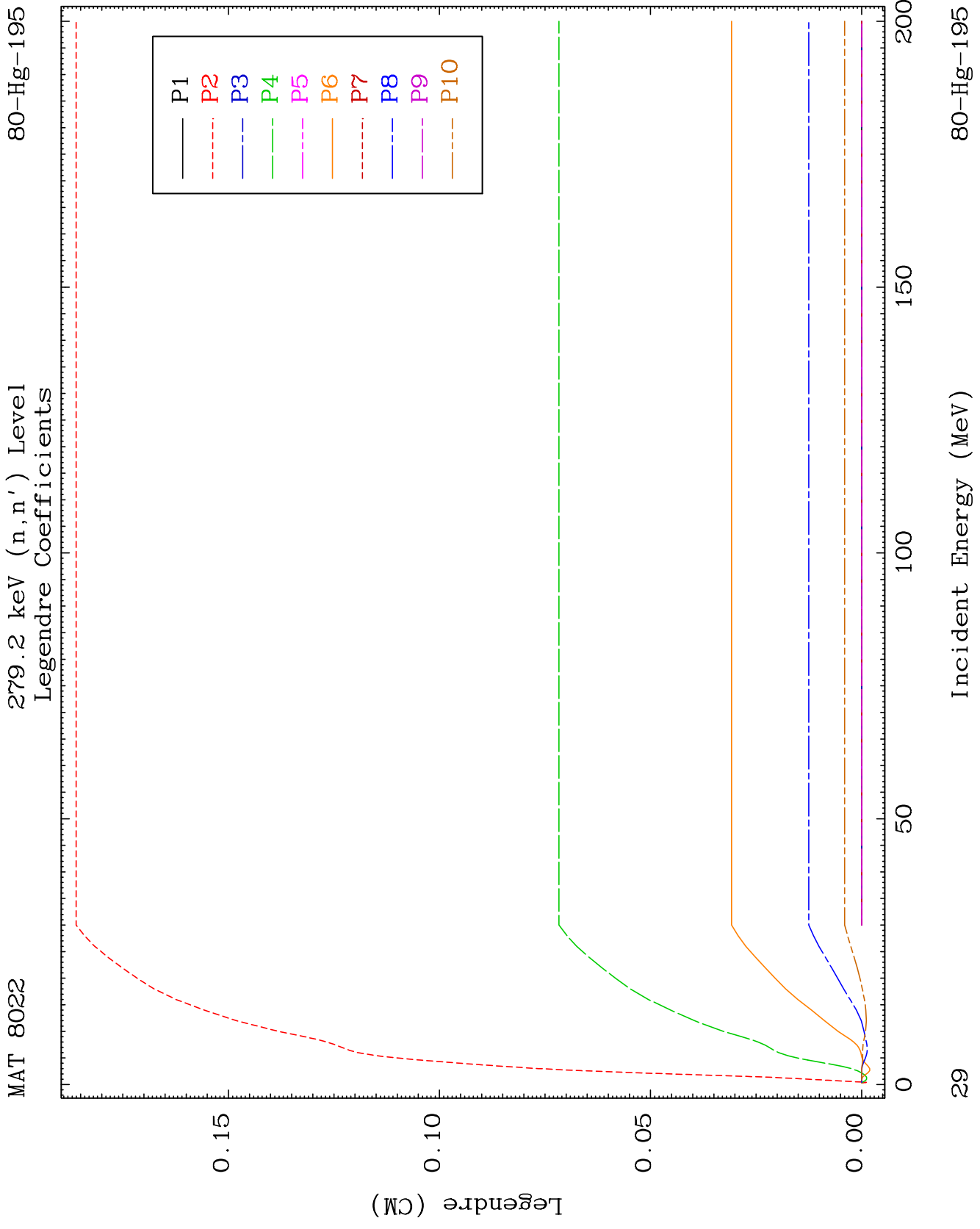


27

Incident Energy (MeV)

80-Hg-195

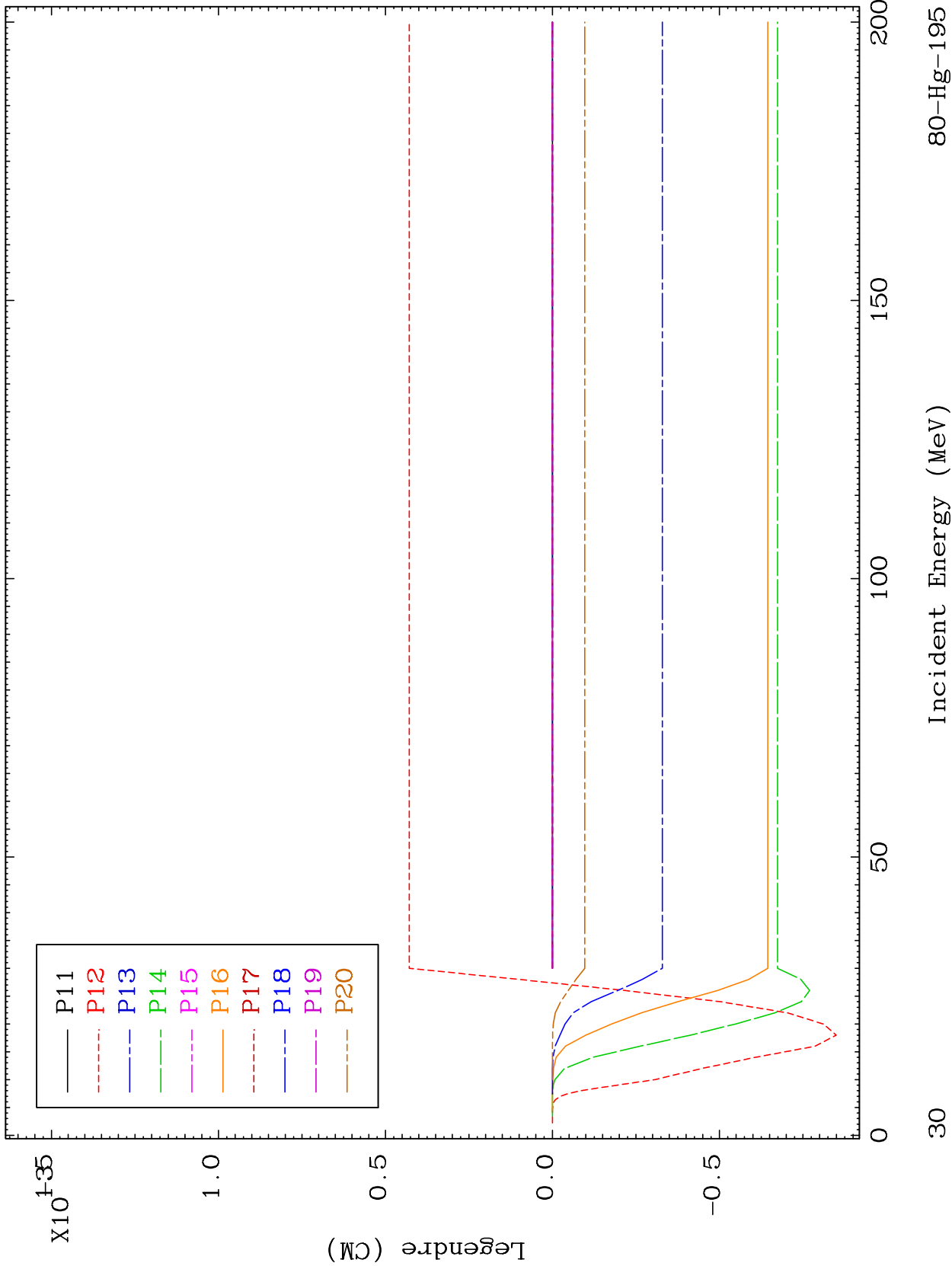


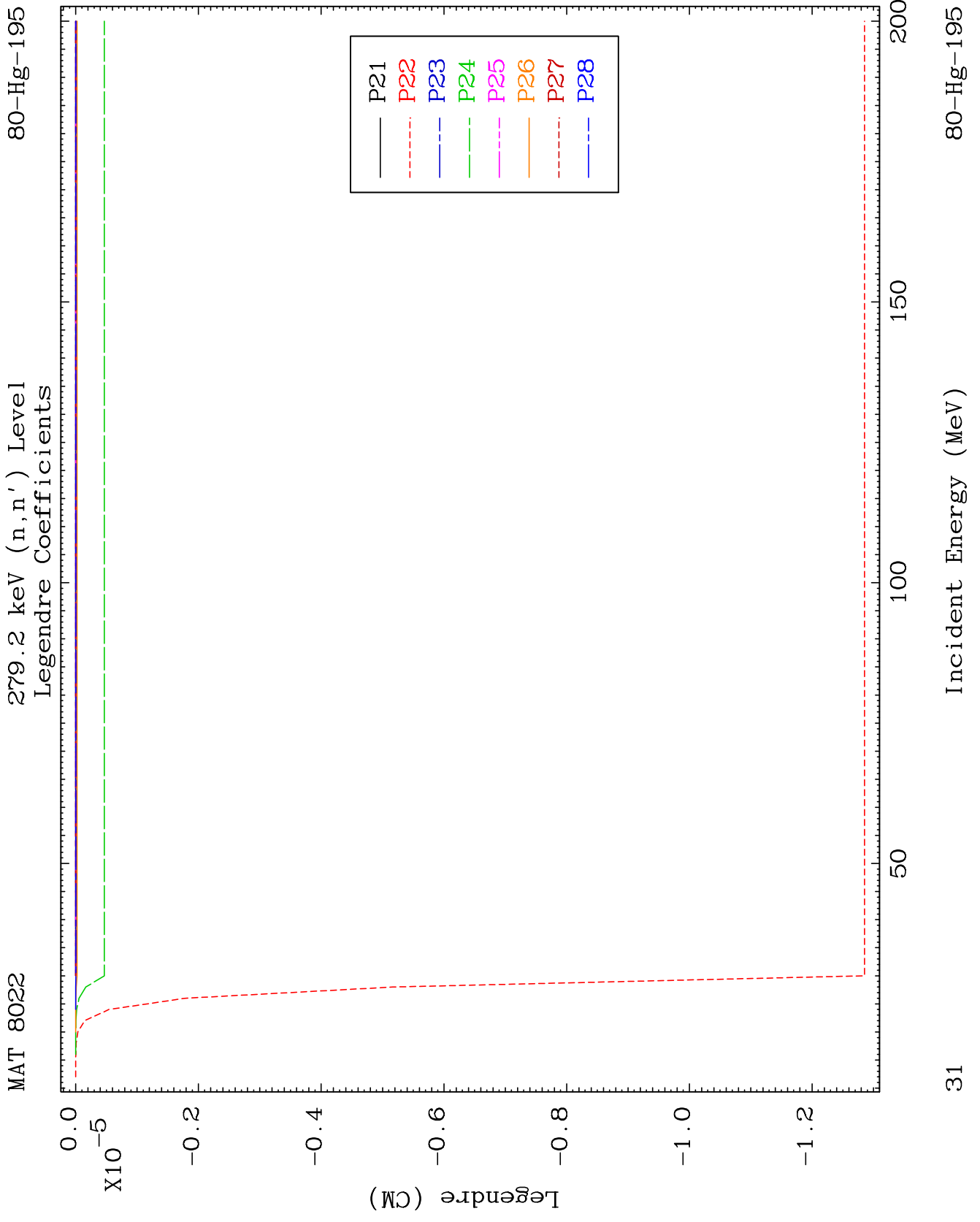


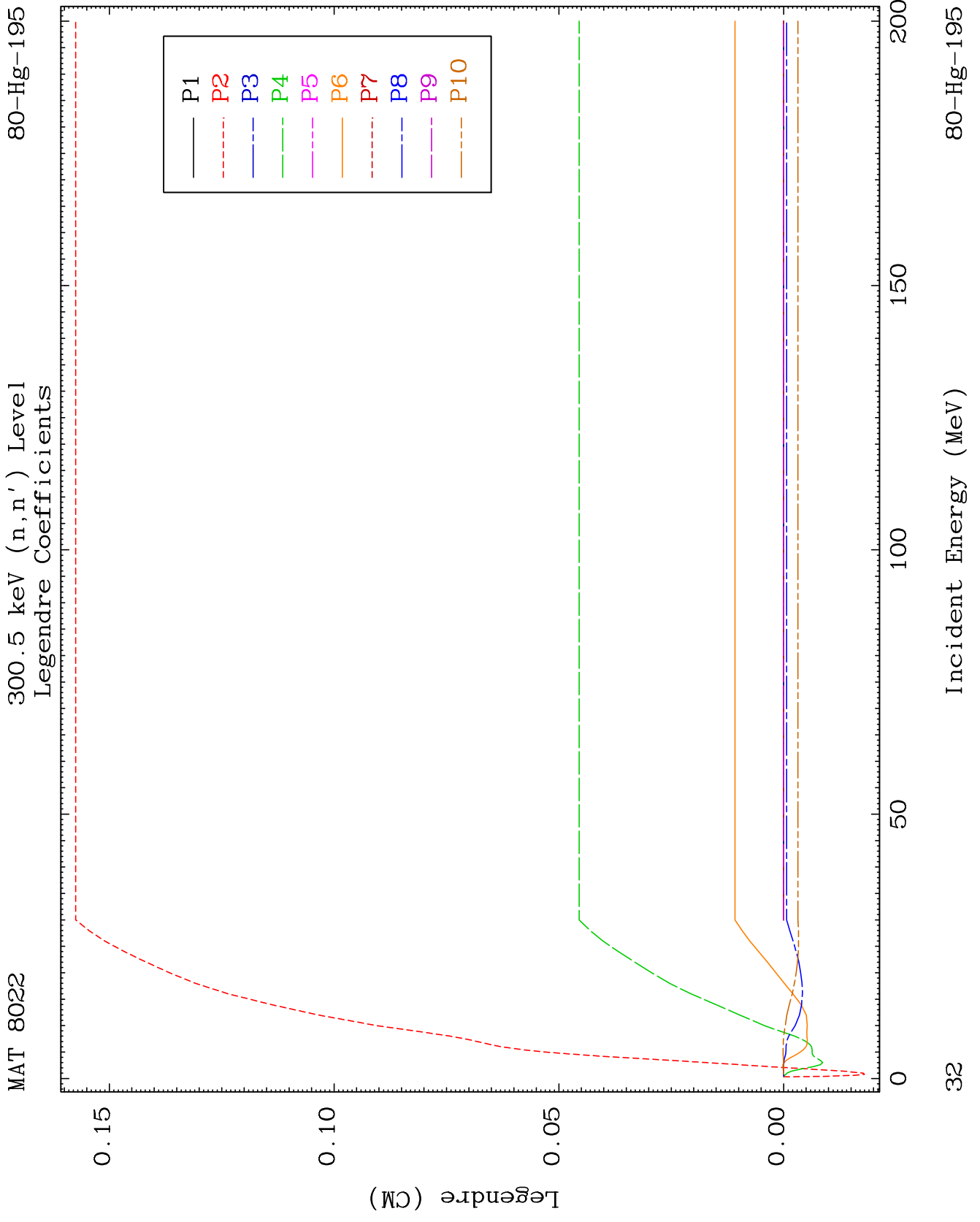
MAT 8022

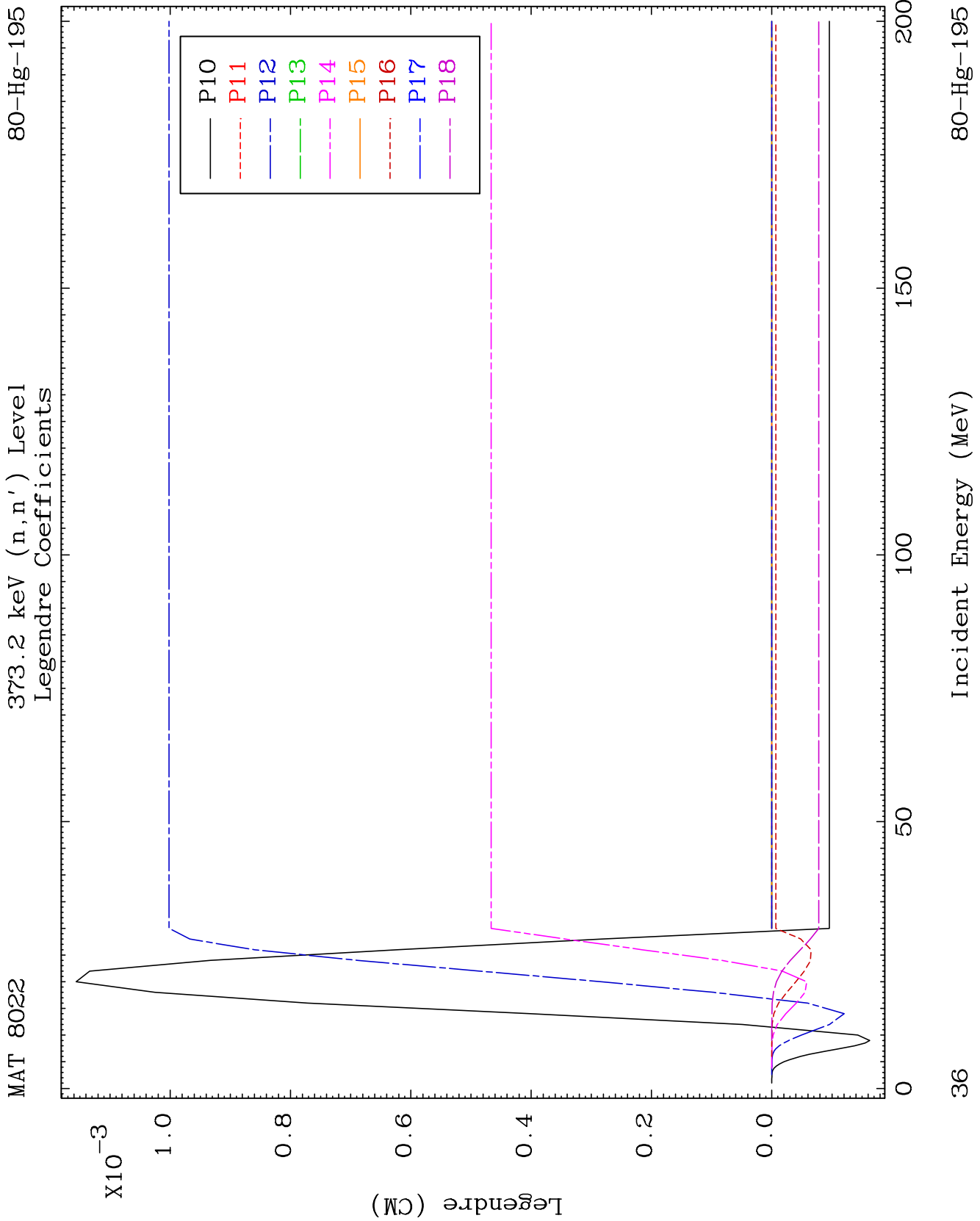
279.2 keV (n,n') Level
Legendre Coefficients

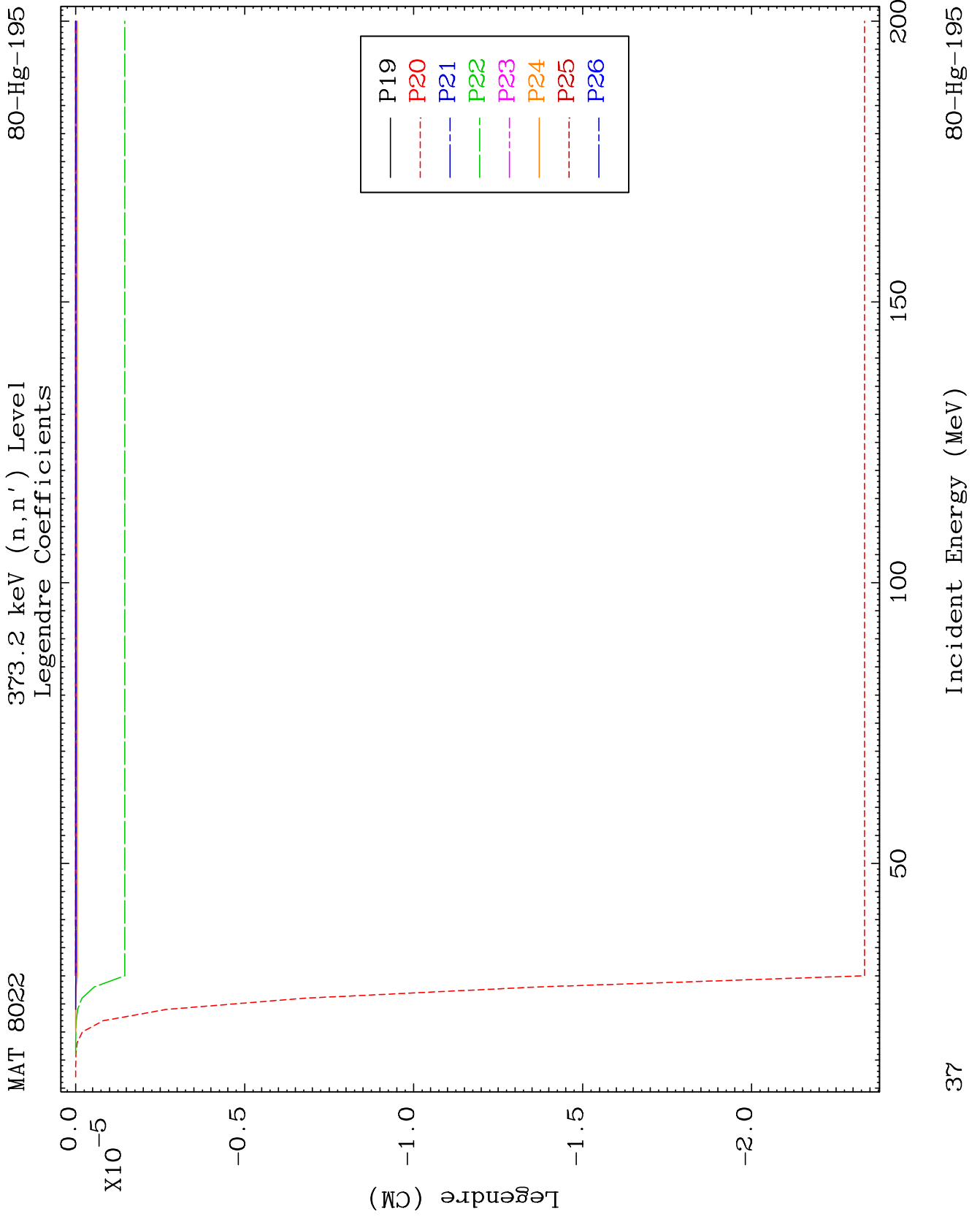
80-Hg-195

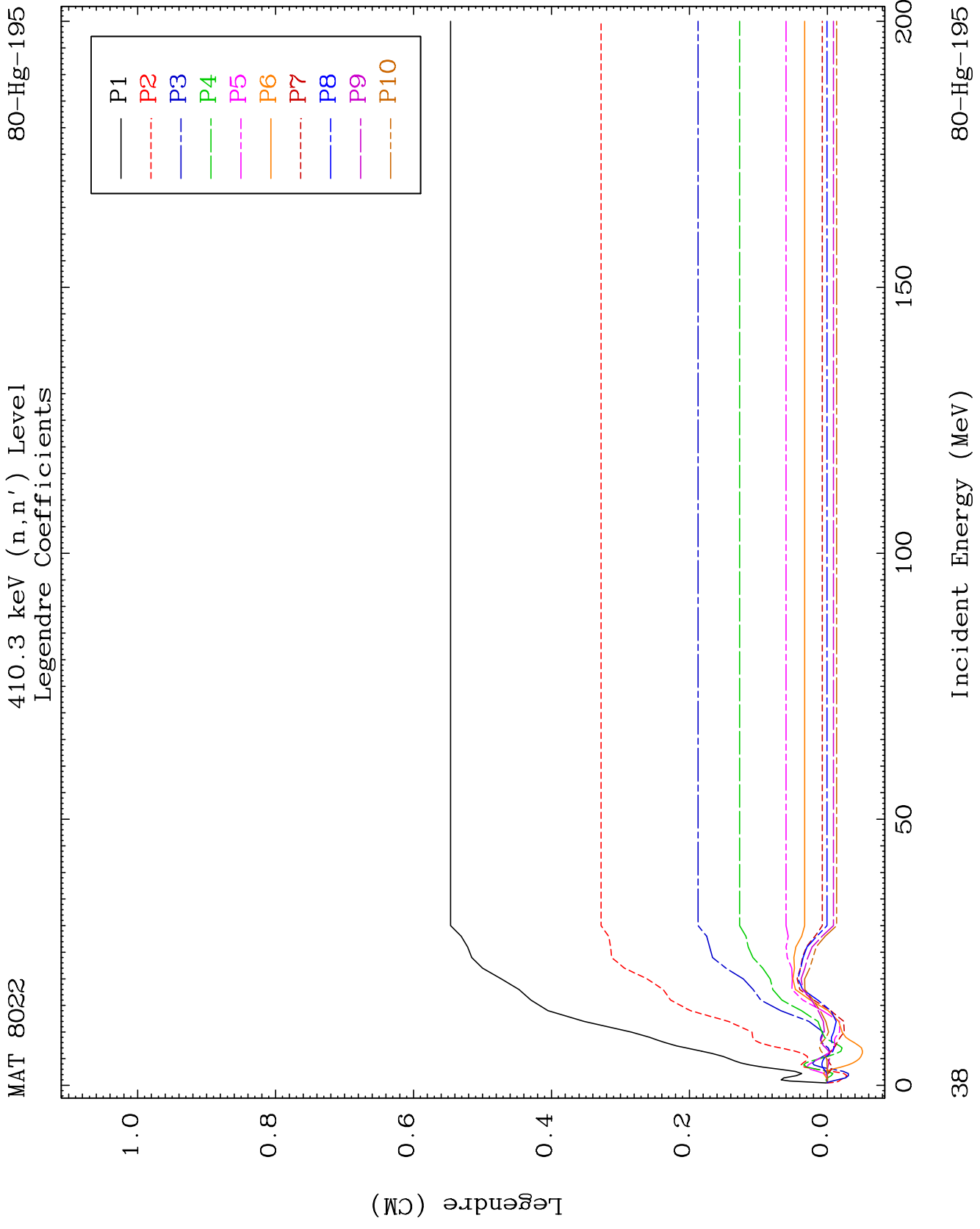








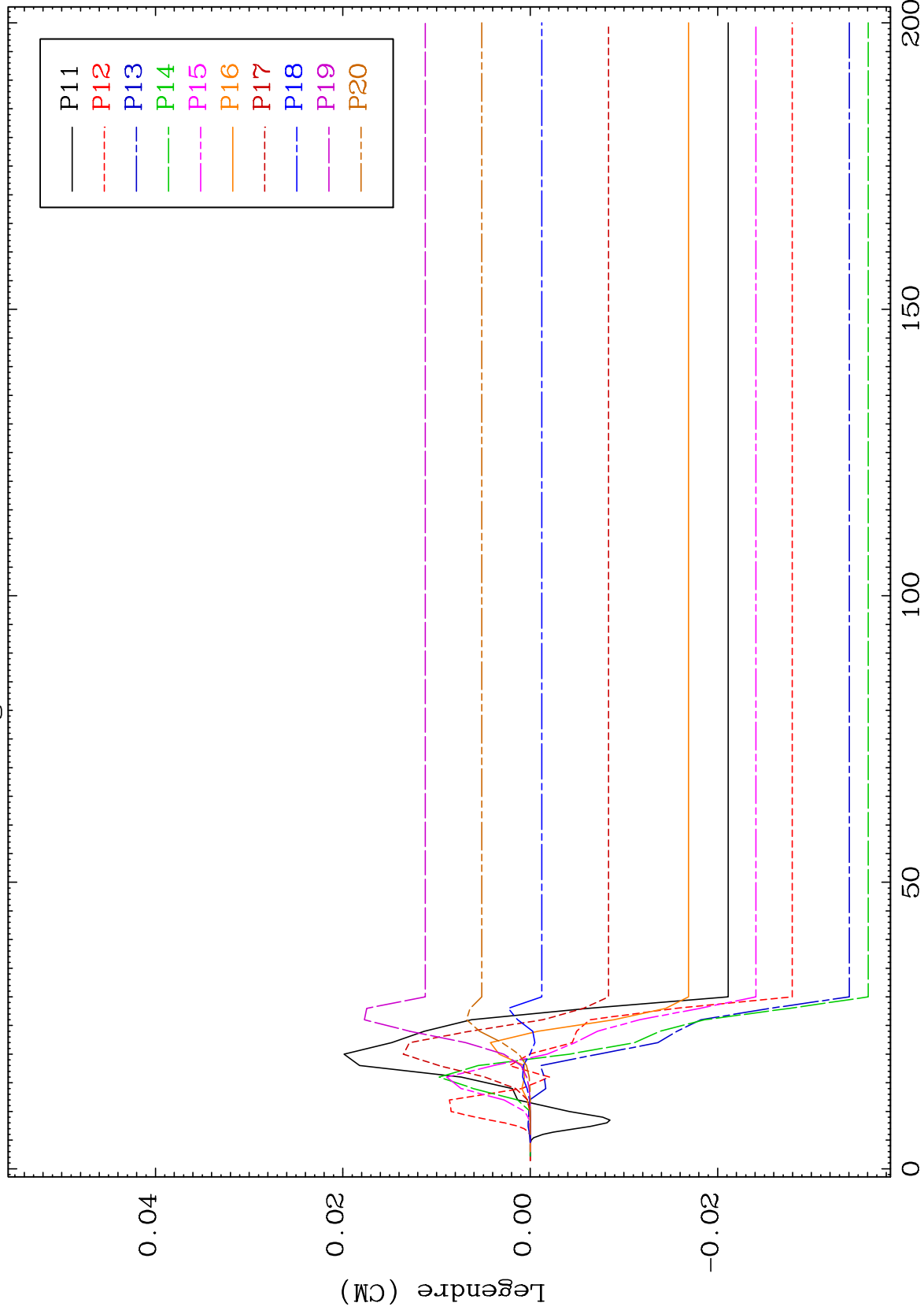




MAT 8022

410.3 keV (n, n') Level
Legendre Coefficients

80-Hg-195



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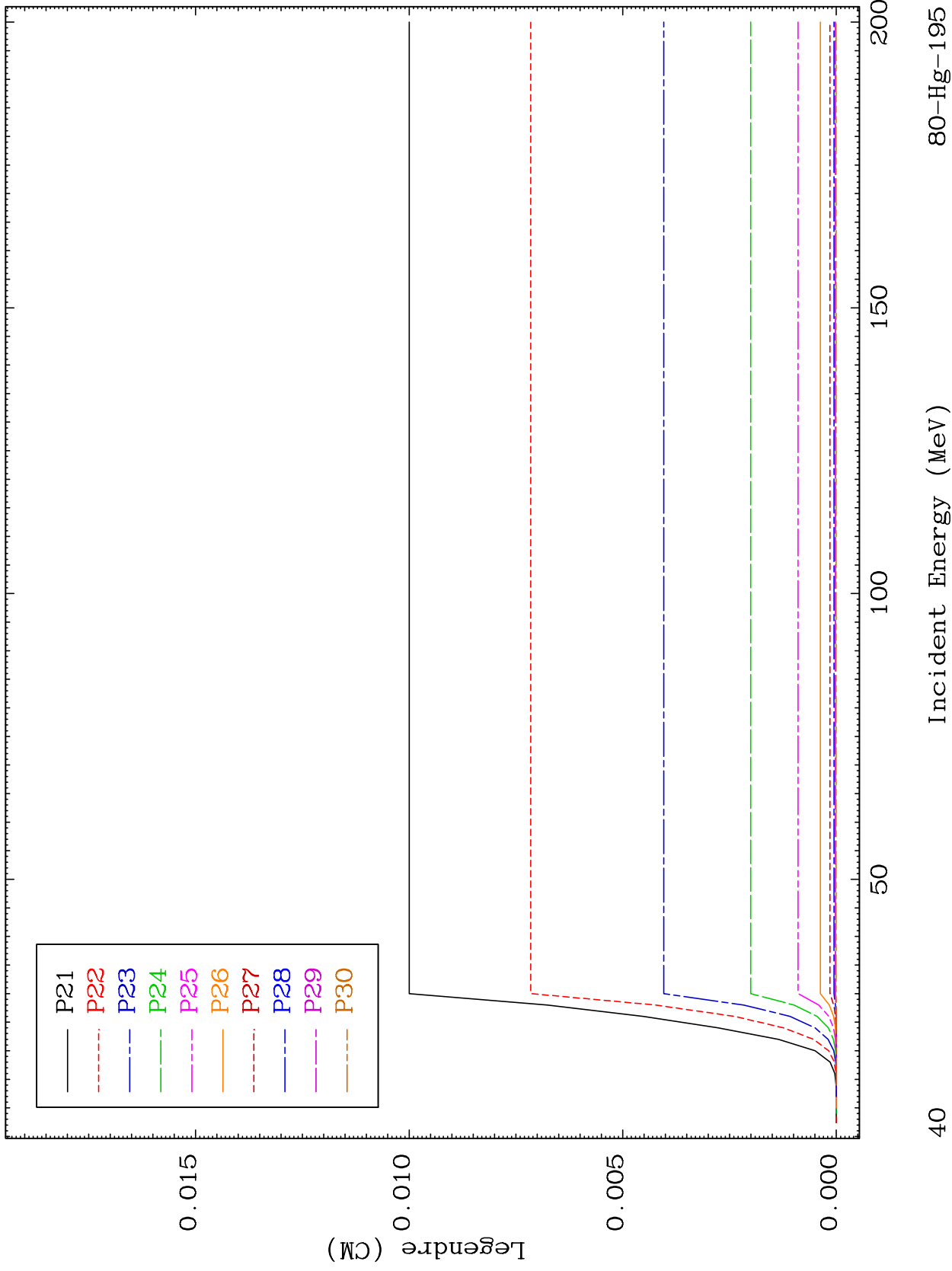
Incident Energy (MeV)

80-Hg-195

MAT 8022

410.3 keV (n,n') Level
Legendre Coefficients

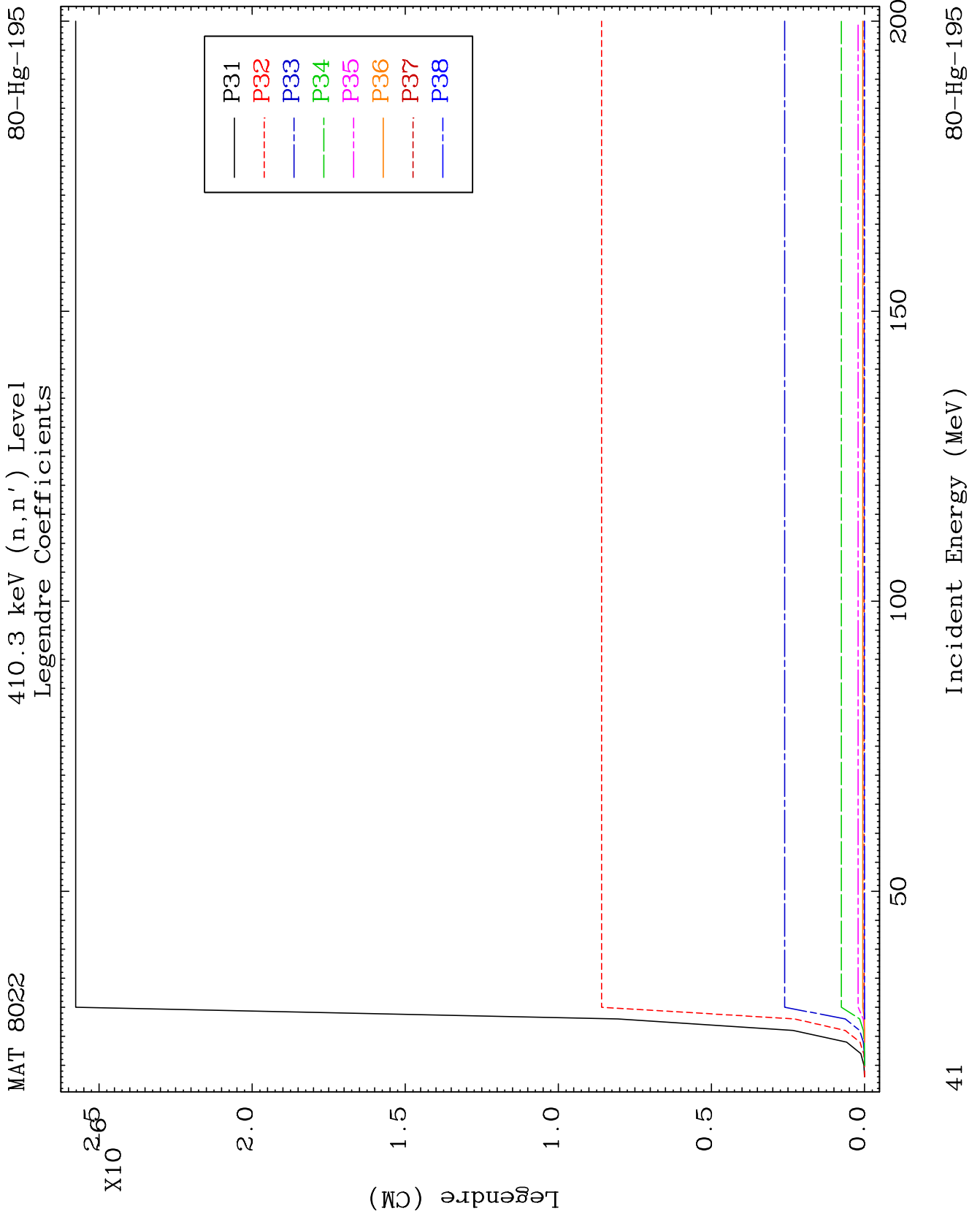
80-Hg-195

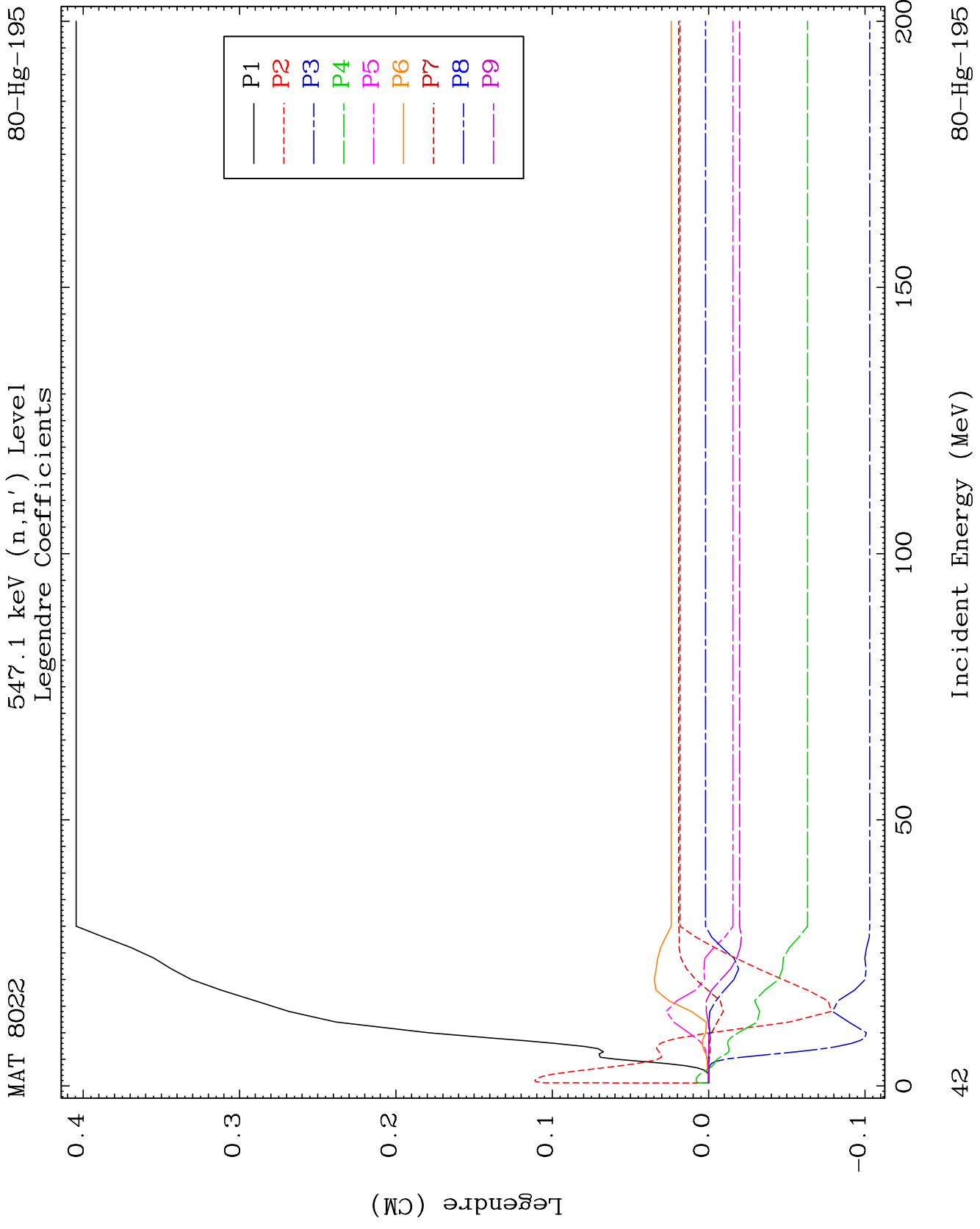


40

Incident Energy (MeV)

80-Hg-195

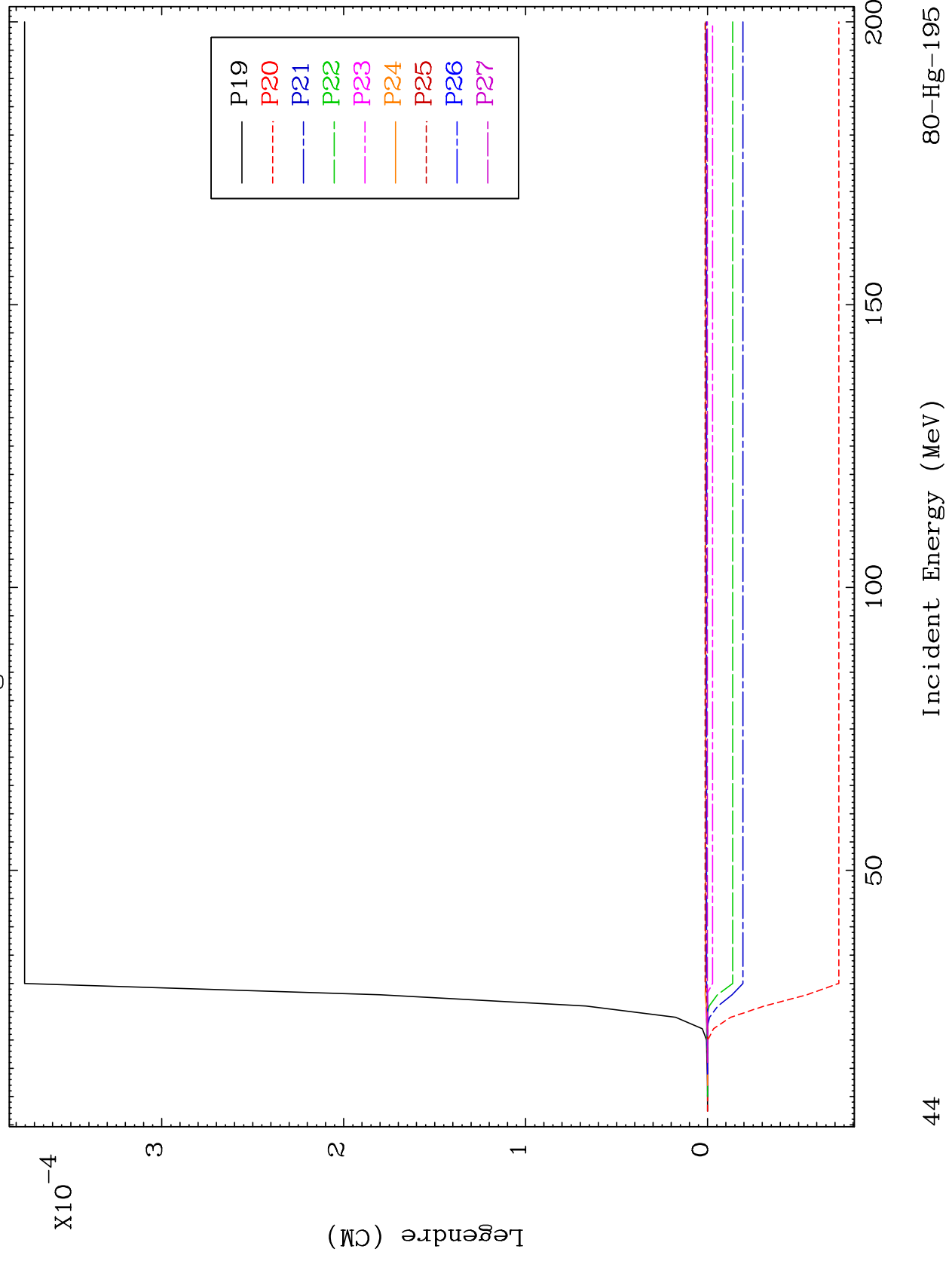


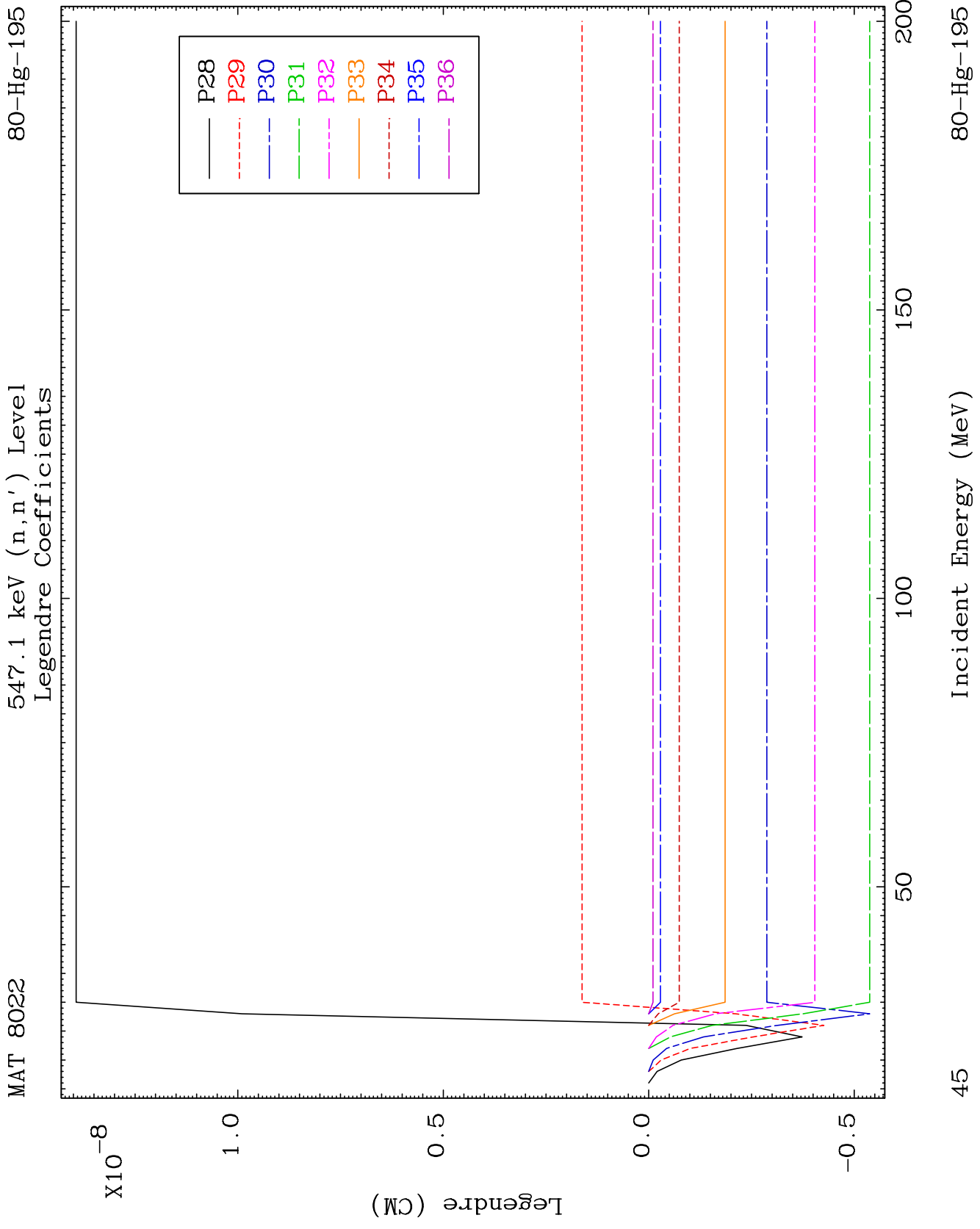


MAT 8022

547.1 keV (n,n') Level
Legendre Coefficients

80-Hg-195

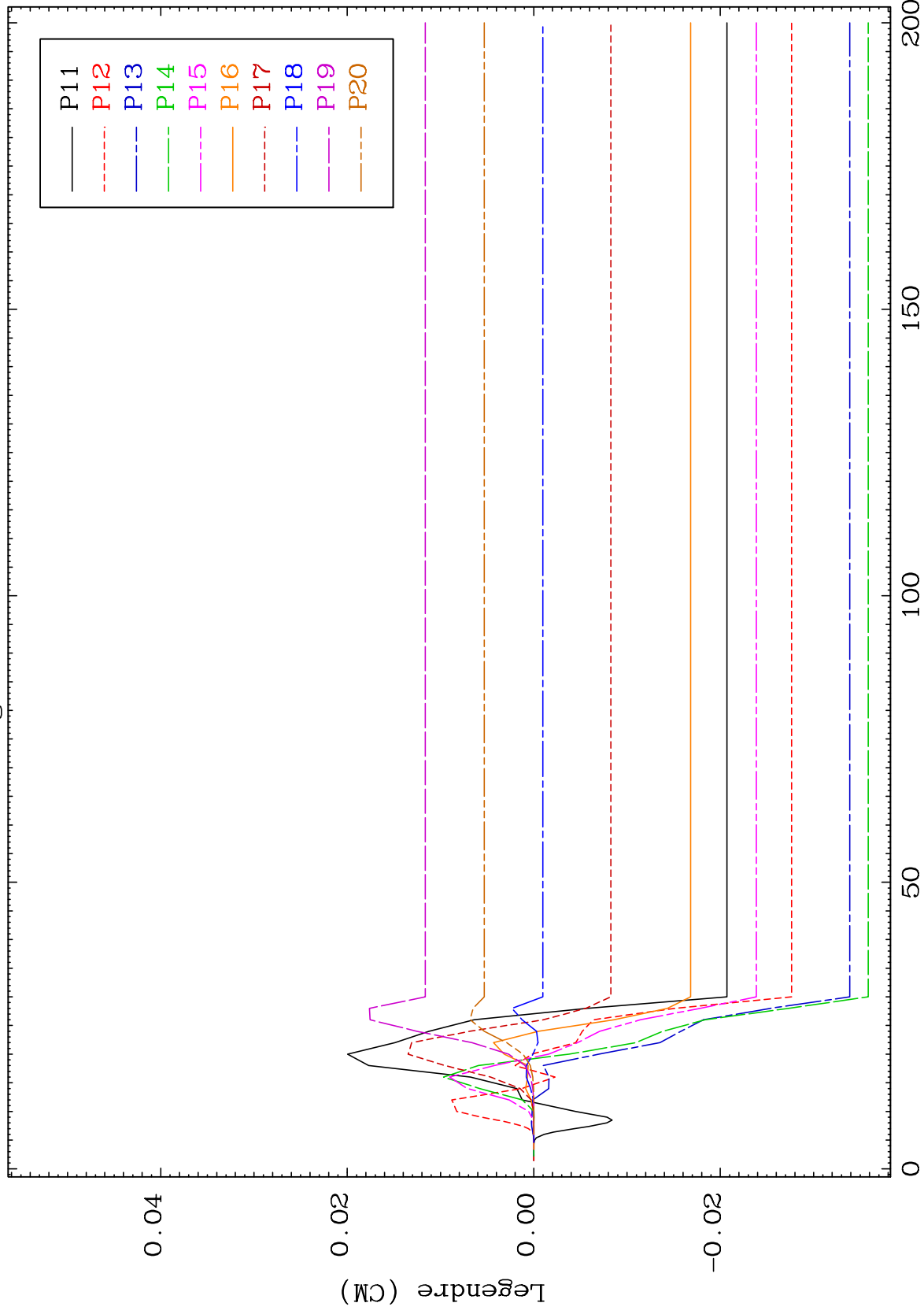




MAT 8022

595.5 keV (n,n') Level
Legendre Coefficients

80-Hg-195



47

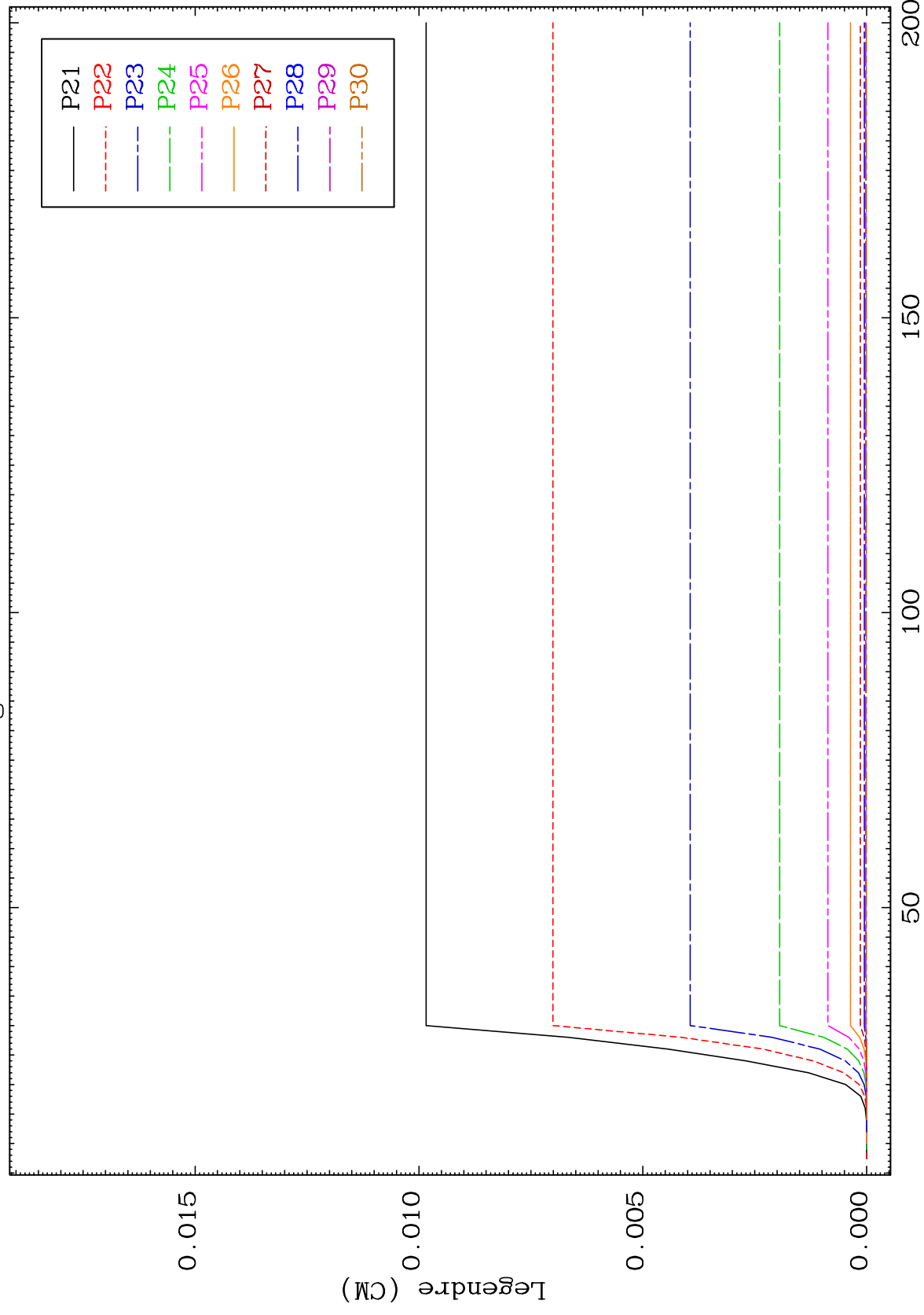
Incident Energy (MeV)

80-Hg-195

MAT 8022

595.5 keV (n,n') Level
Legendre Coefficients

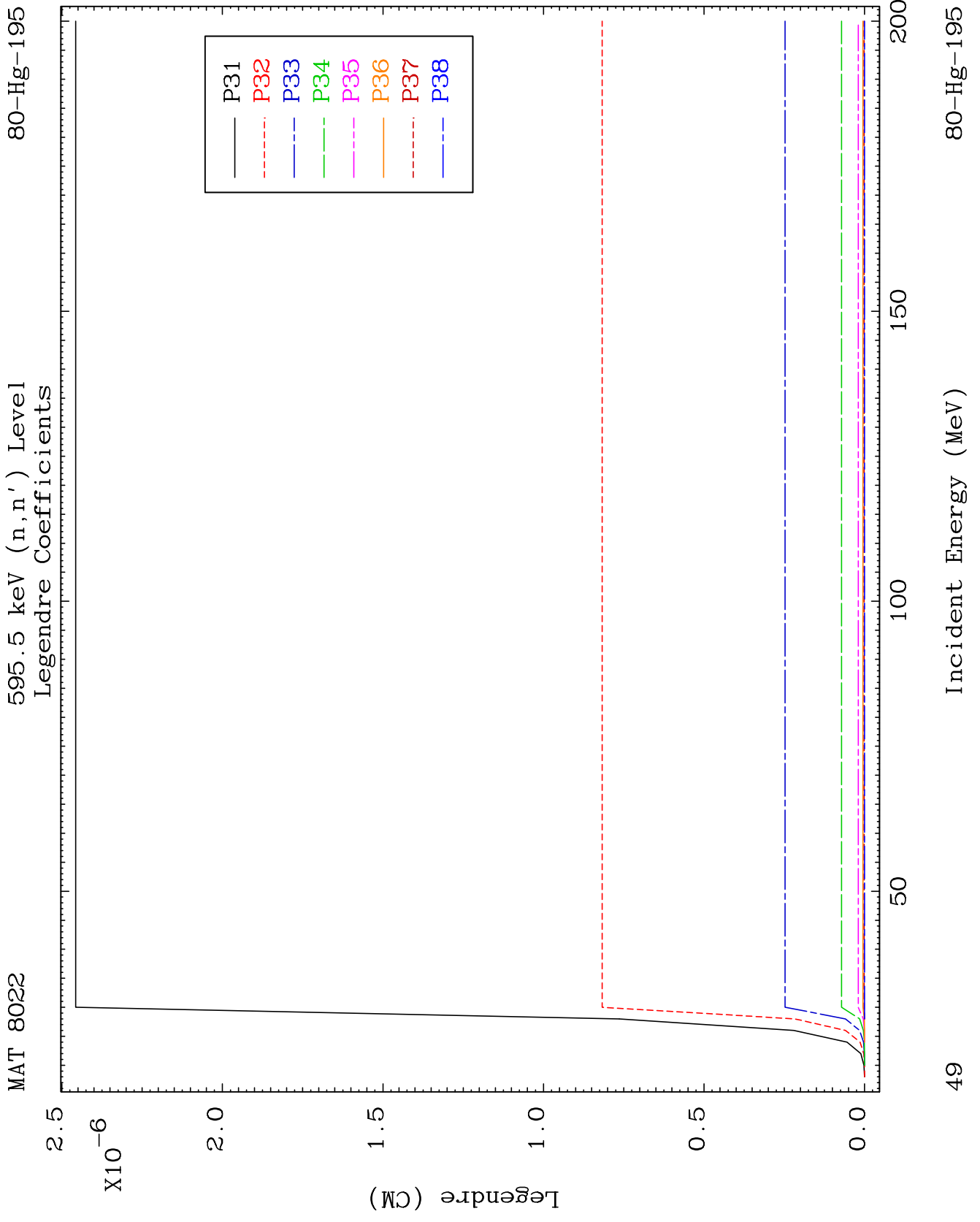
80-Hg-195

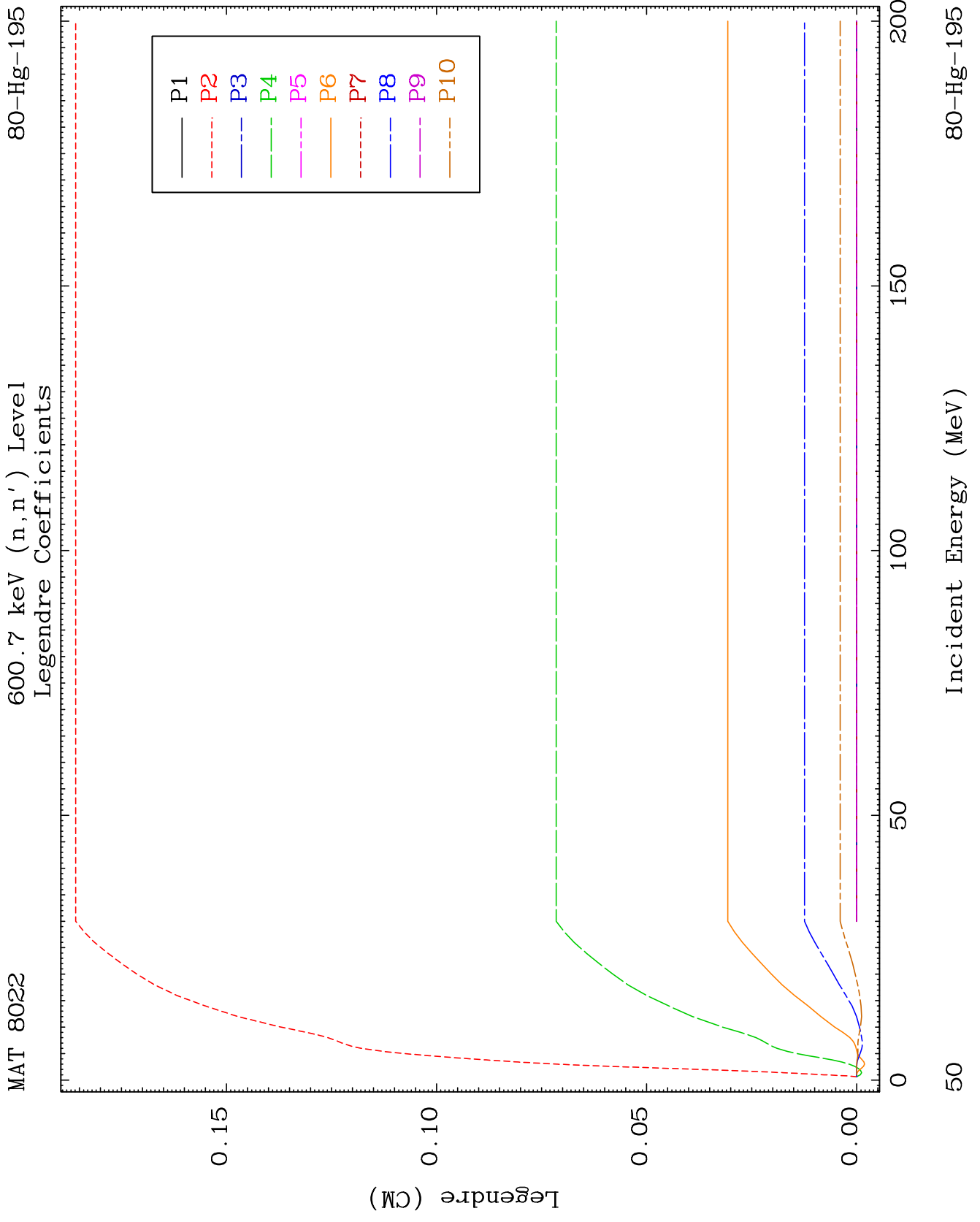


48

Incident Energy (MeV)

80-Hg-195

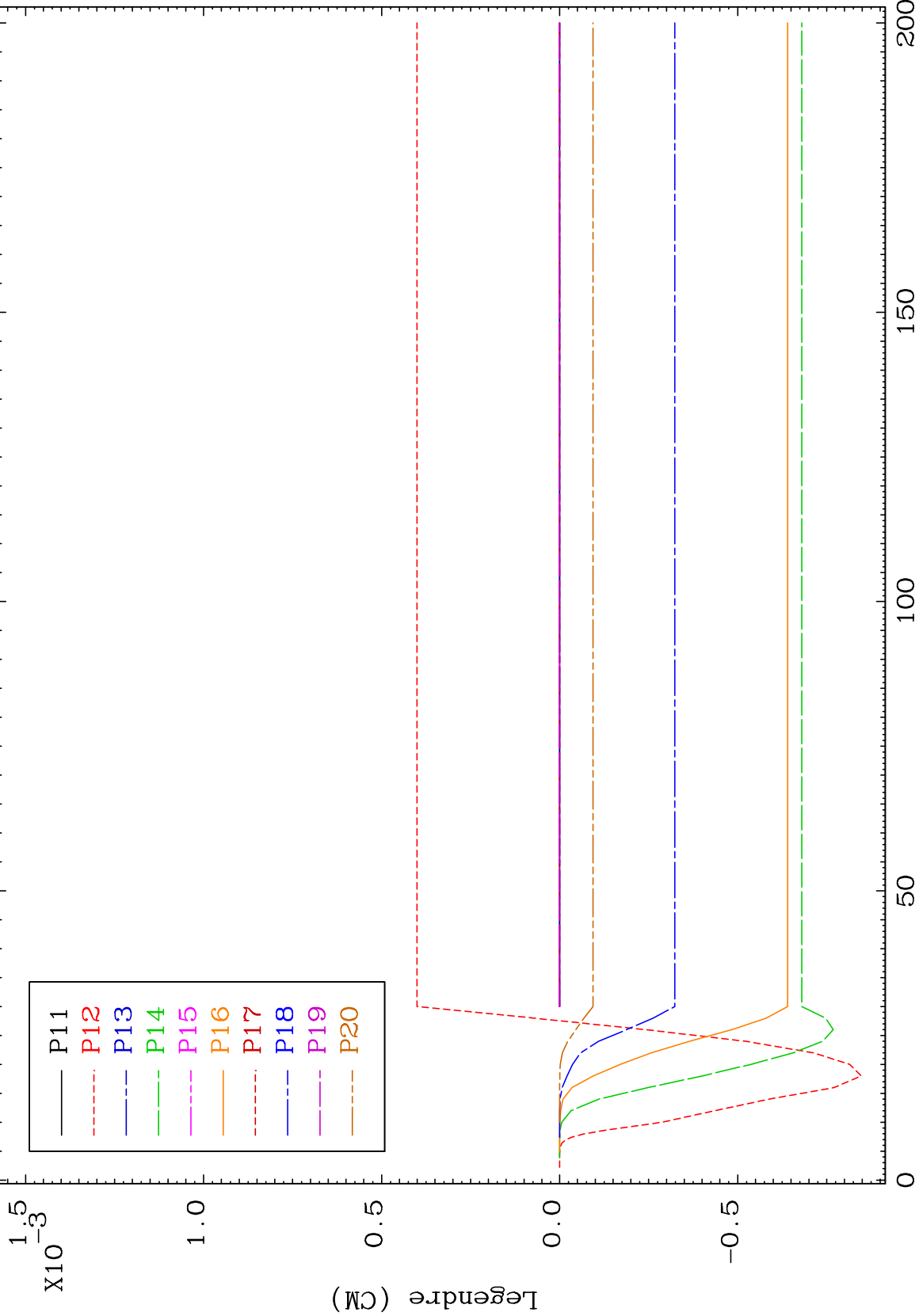




MAT 8022

600.7 keV (n, n') Level
Legendre Coefficients

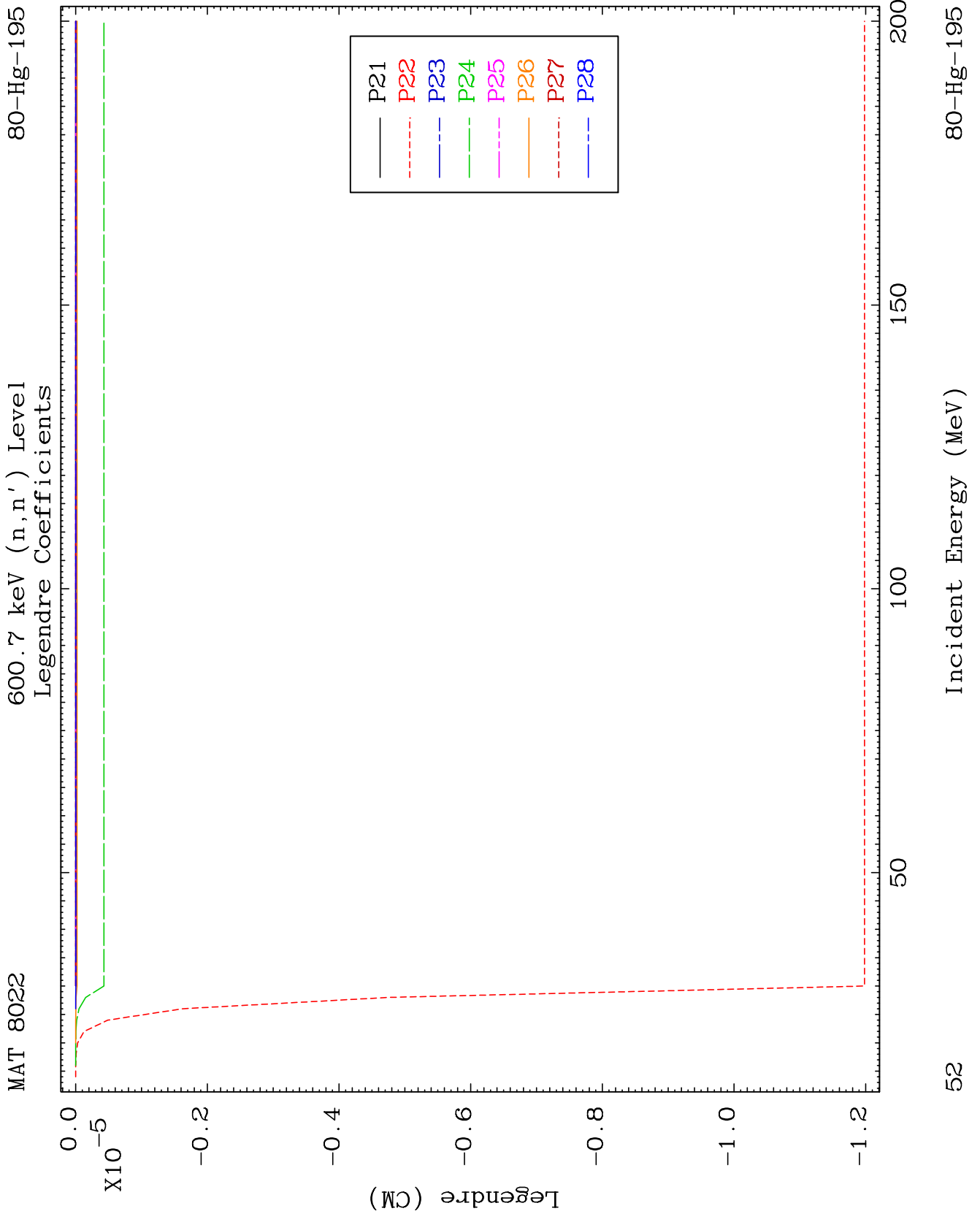
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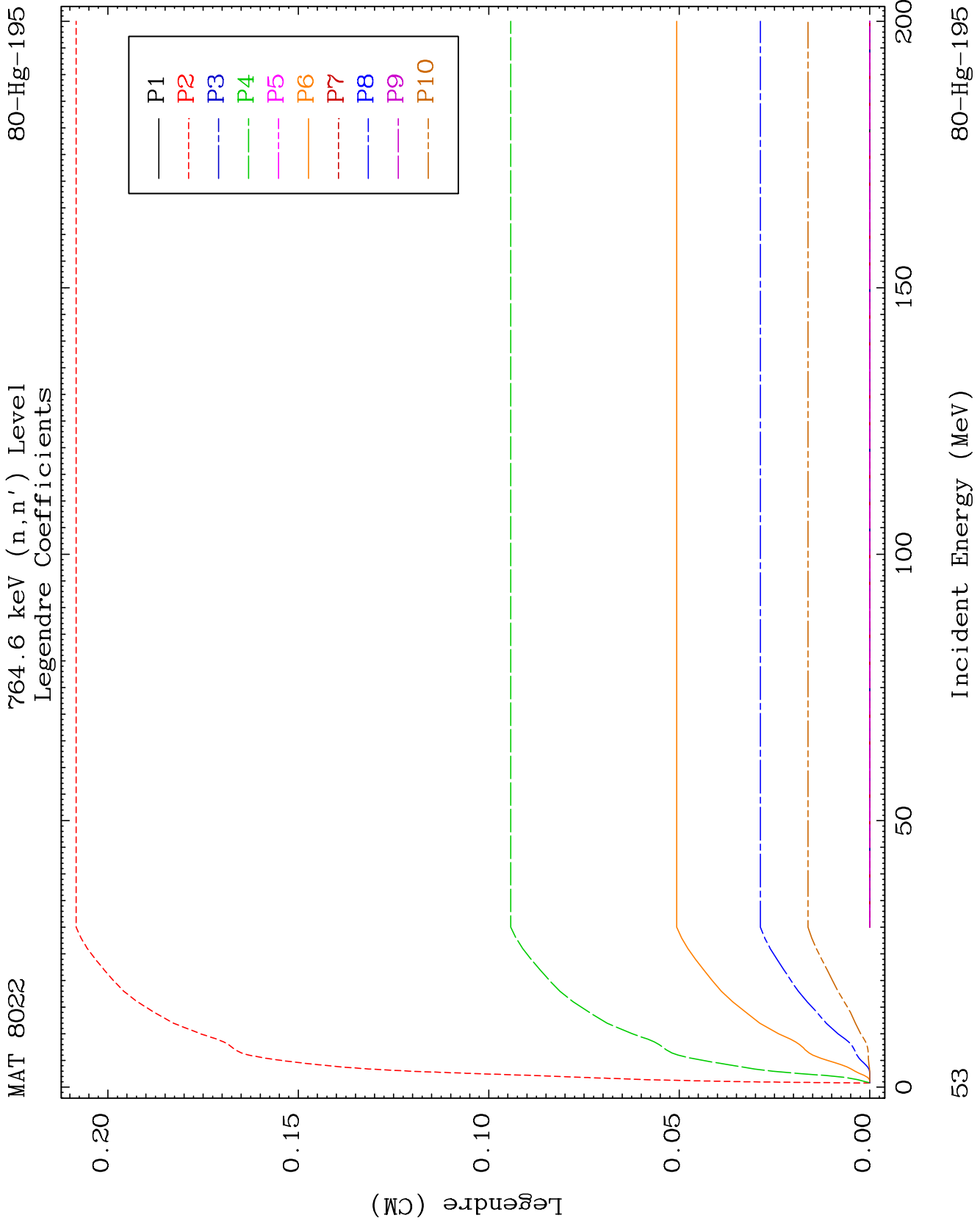


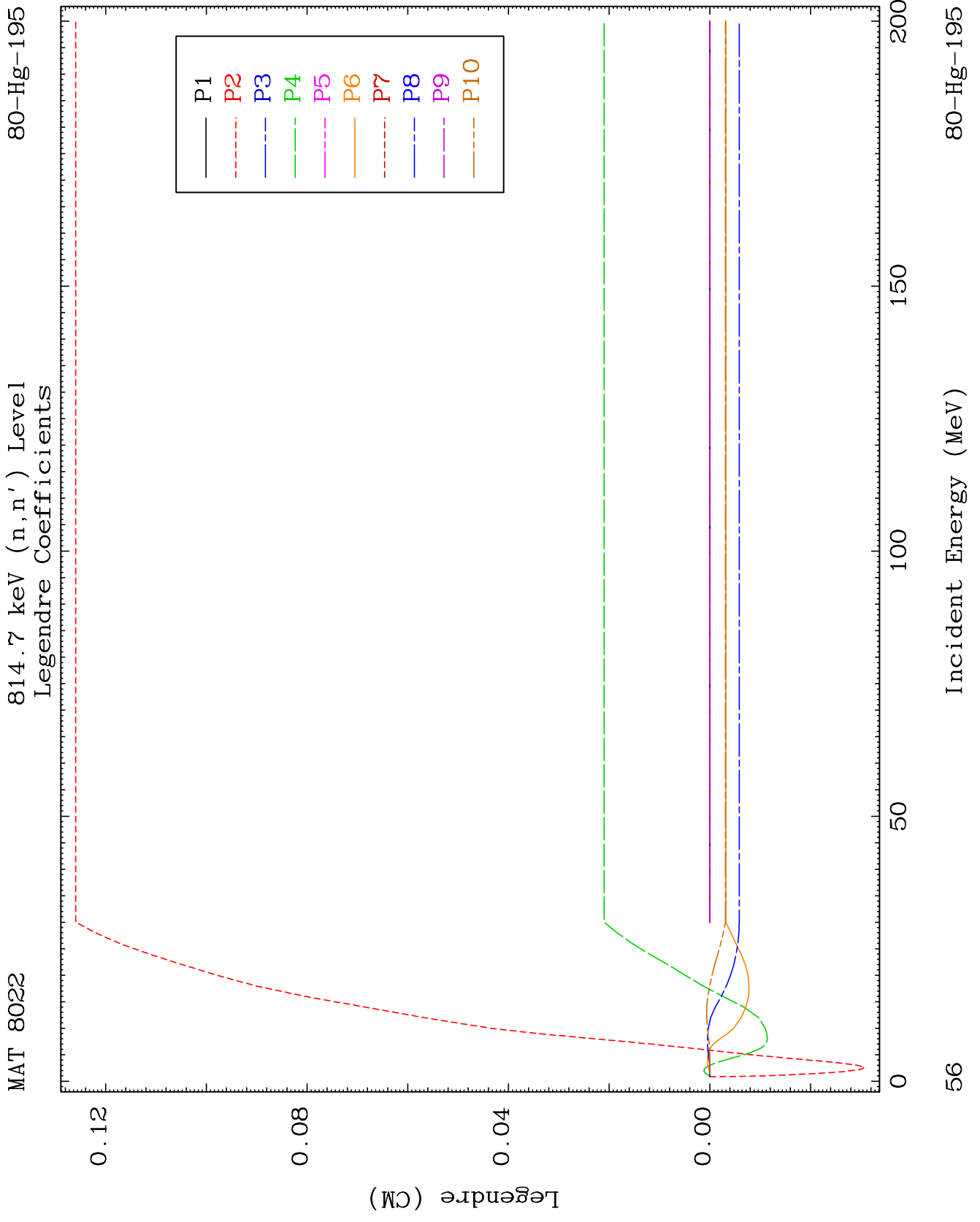
51

Incident Energy (MeV)

80-Hg-195



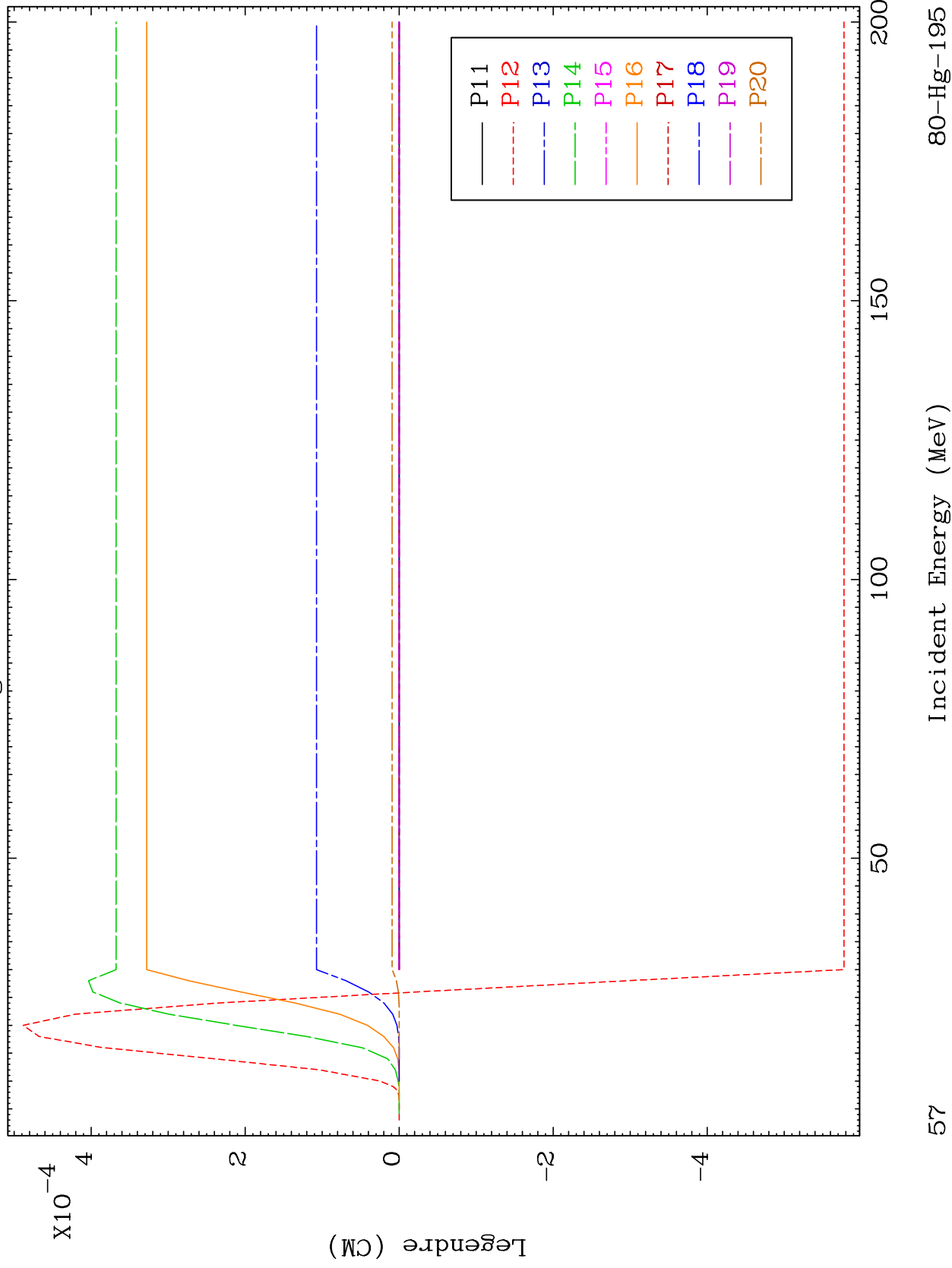




MAT 8022

814.7 keV (n,n') Level
Legendre Coefficients

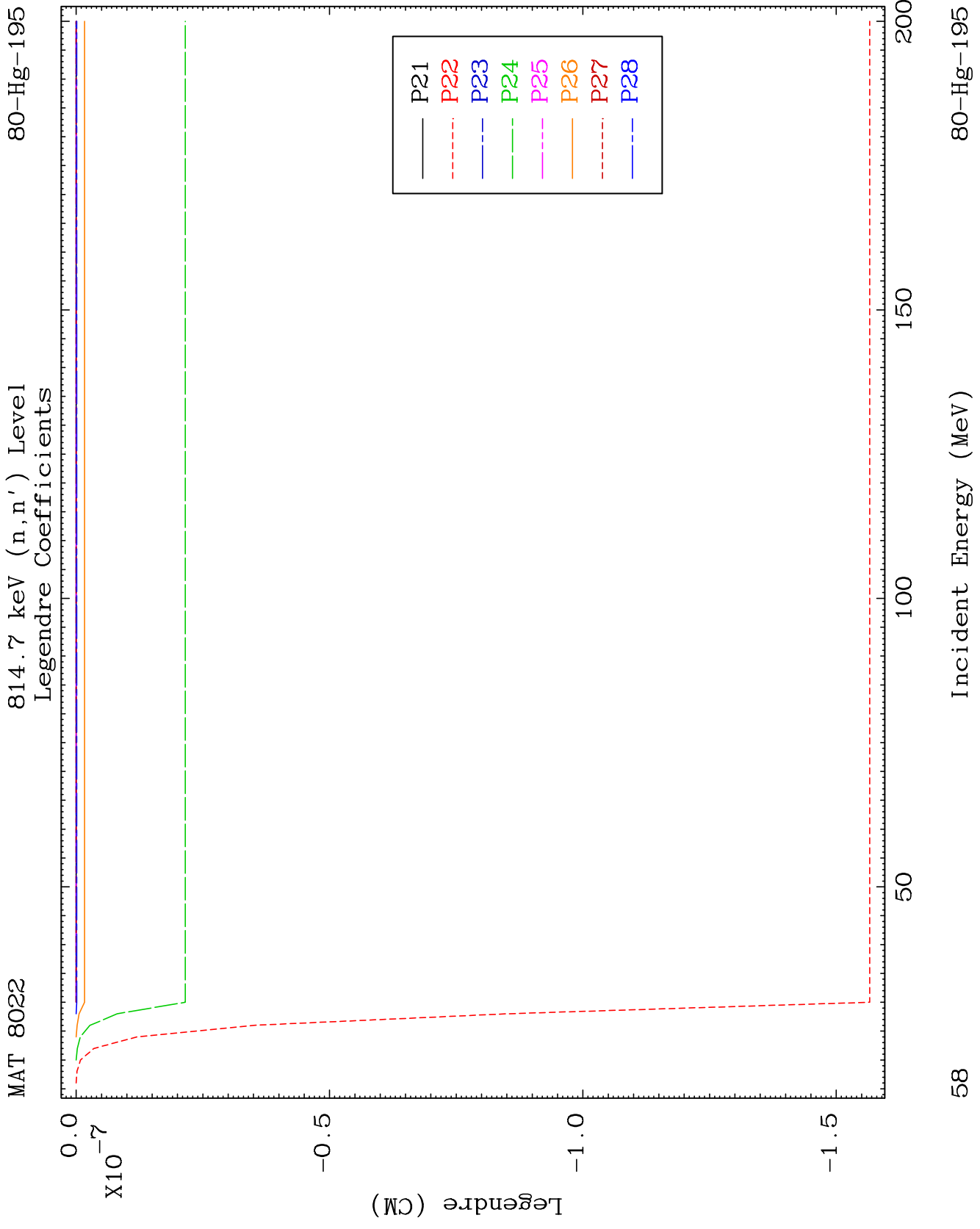
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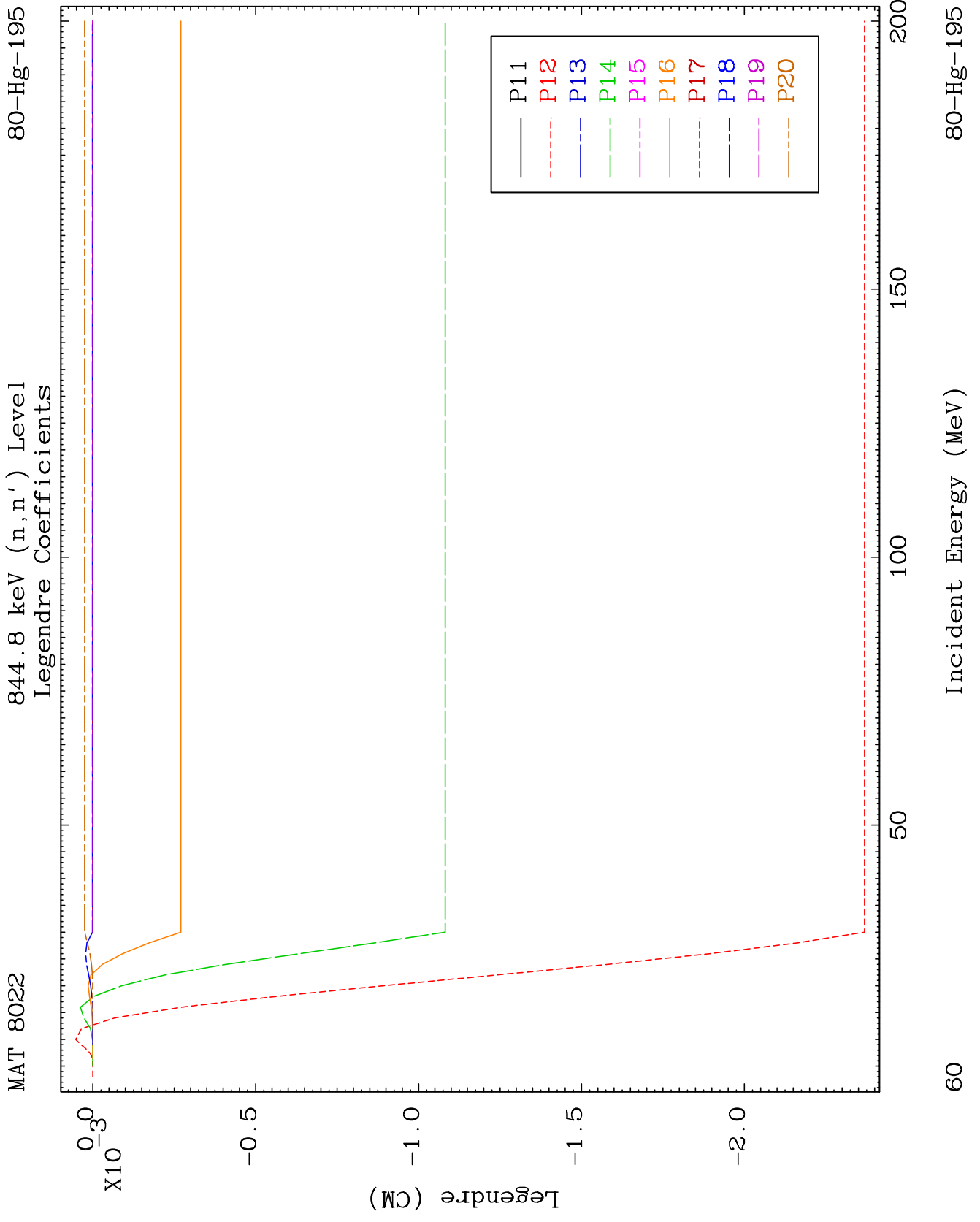


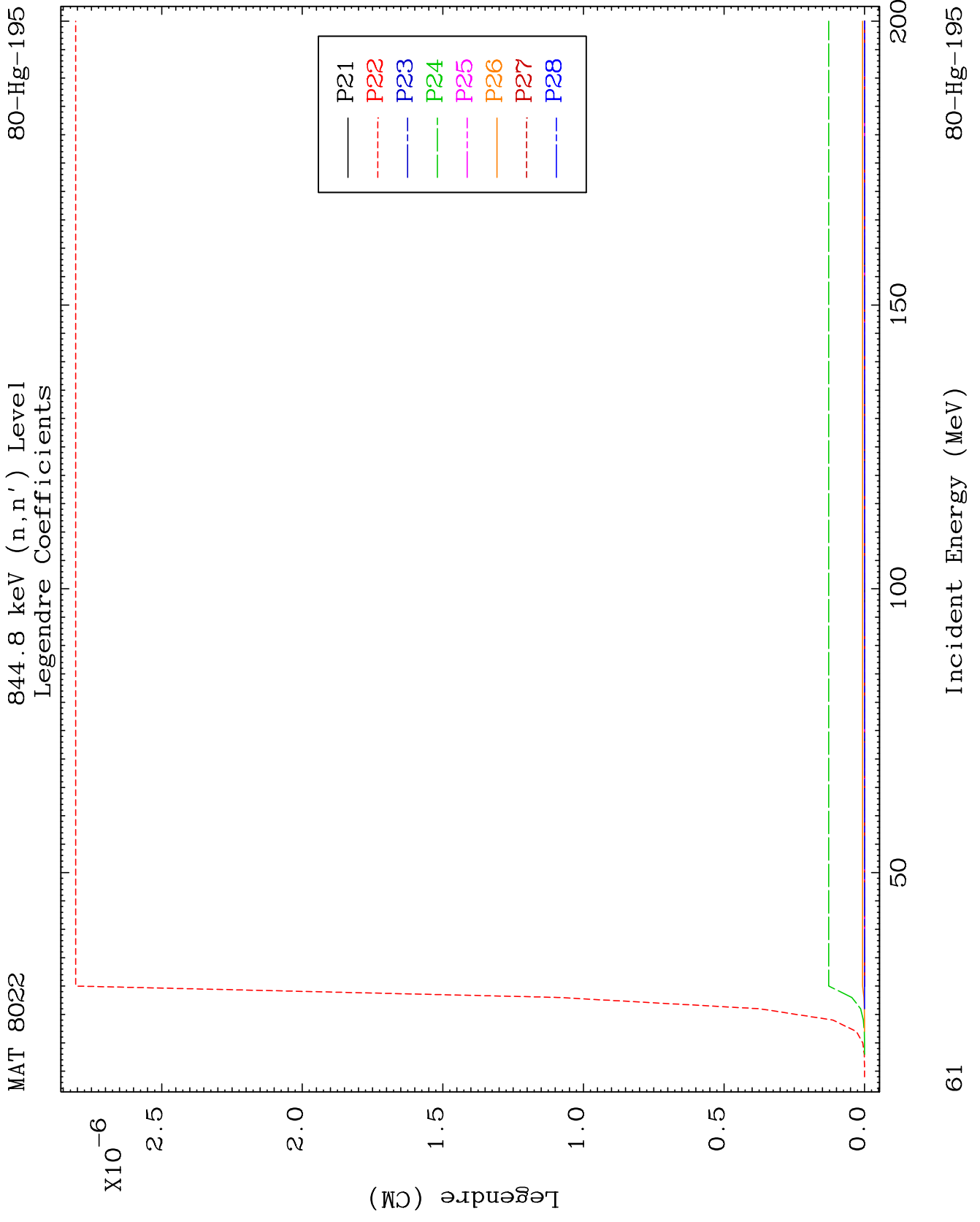
57

Incident Energy (MeV)

80-Hg-195



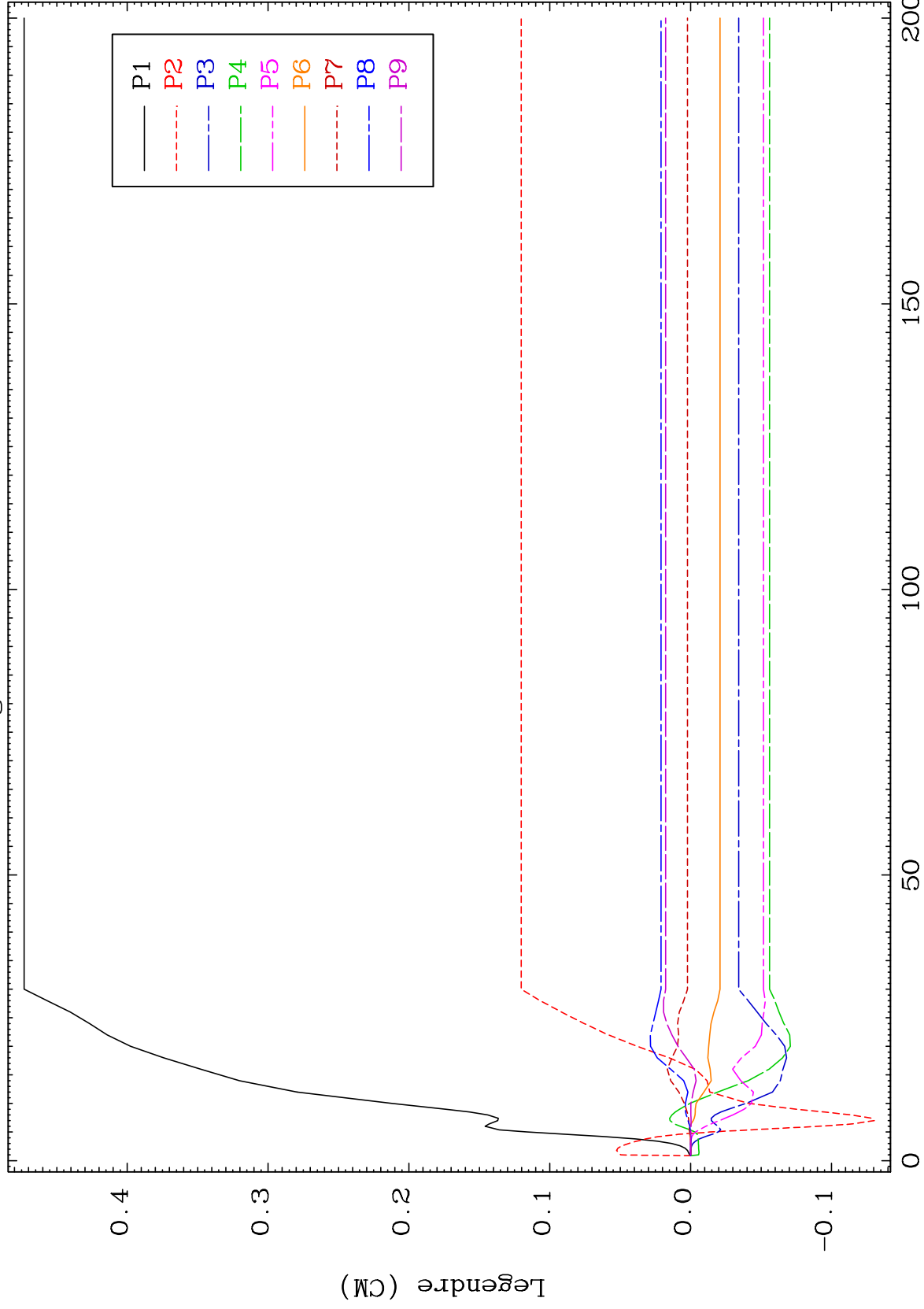




MAT 8022

848.4 keV (n,n') Level
Legendre Coefficients

80-Hg-195



62

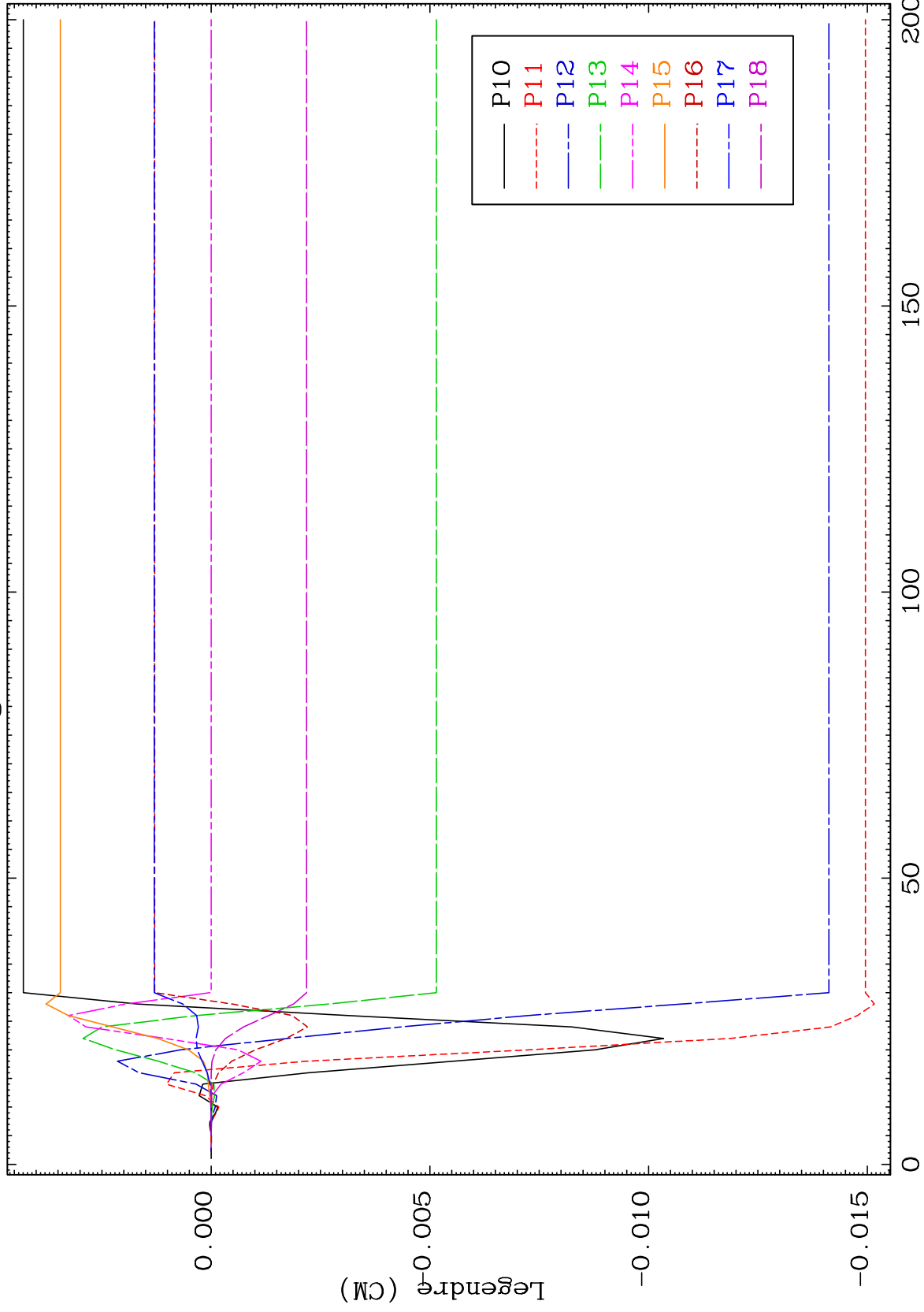
Incident Energy (MeV)

80-Hg-195

MAT 8022

848.4 keV (n,n') Level
Legendre Coefficients

80-Hg-195



63

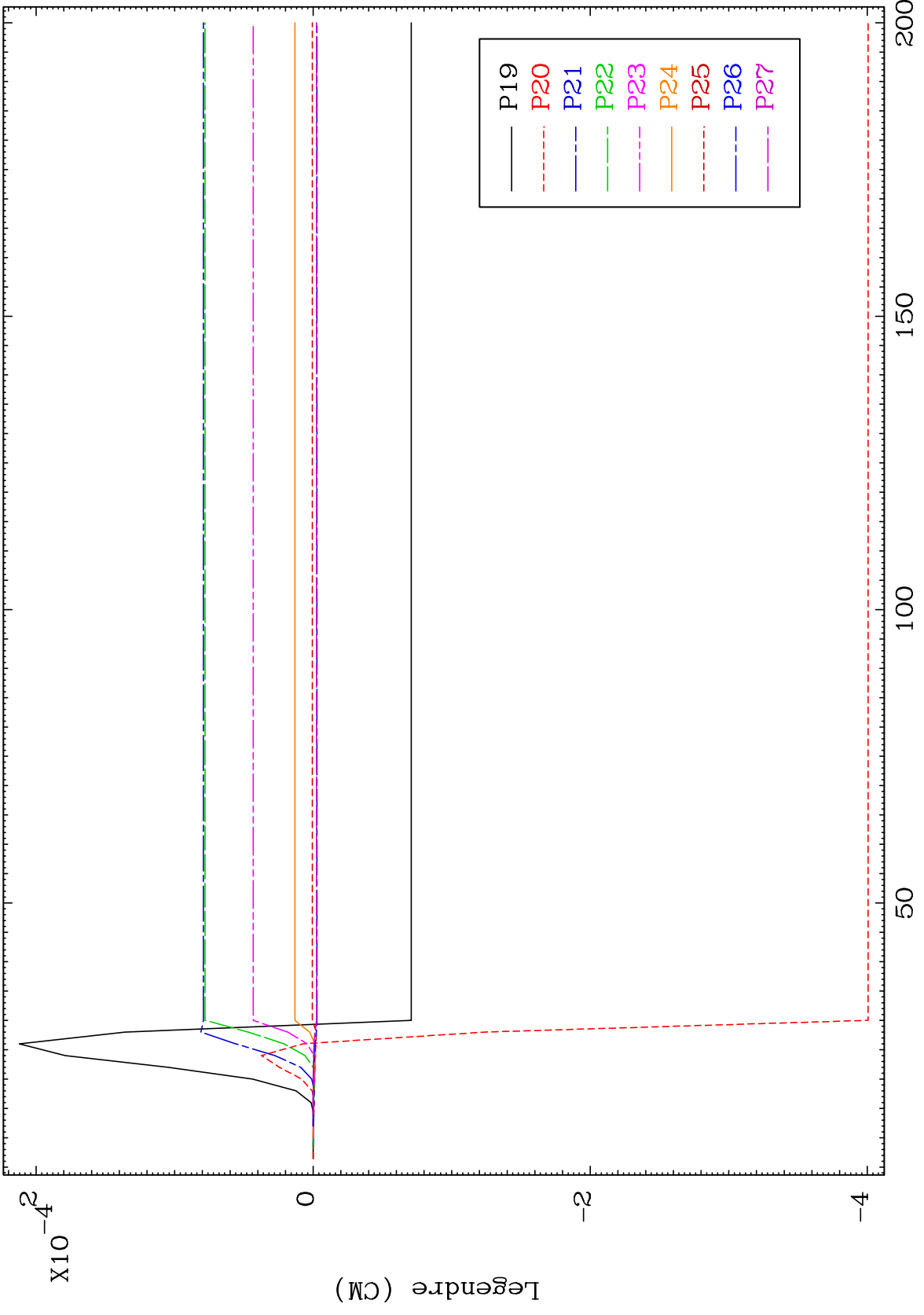
Incident Energy (MeV)

80-Hg-195

MAT 8022

848.4 keV (n, n') Level
Legendre Coefficients

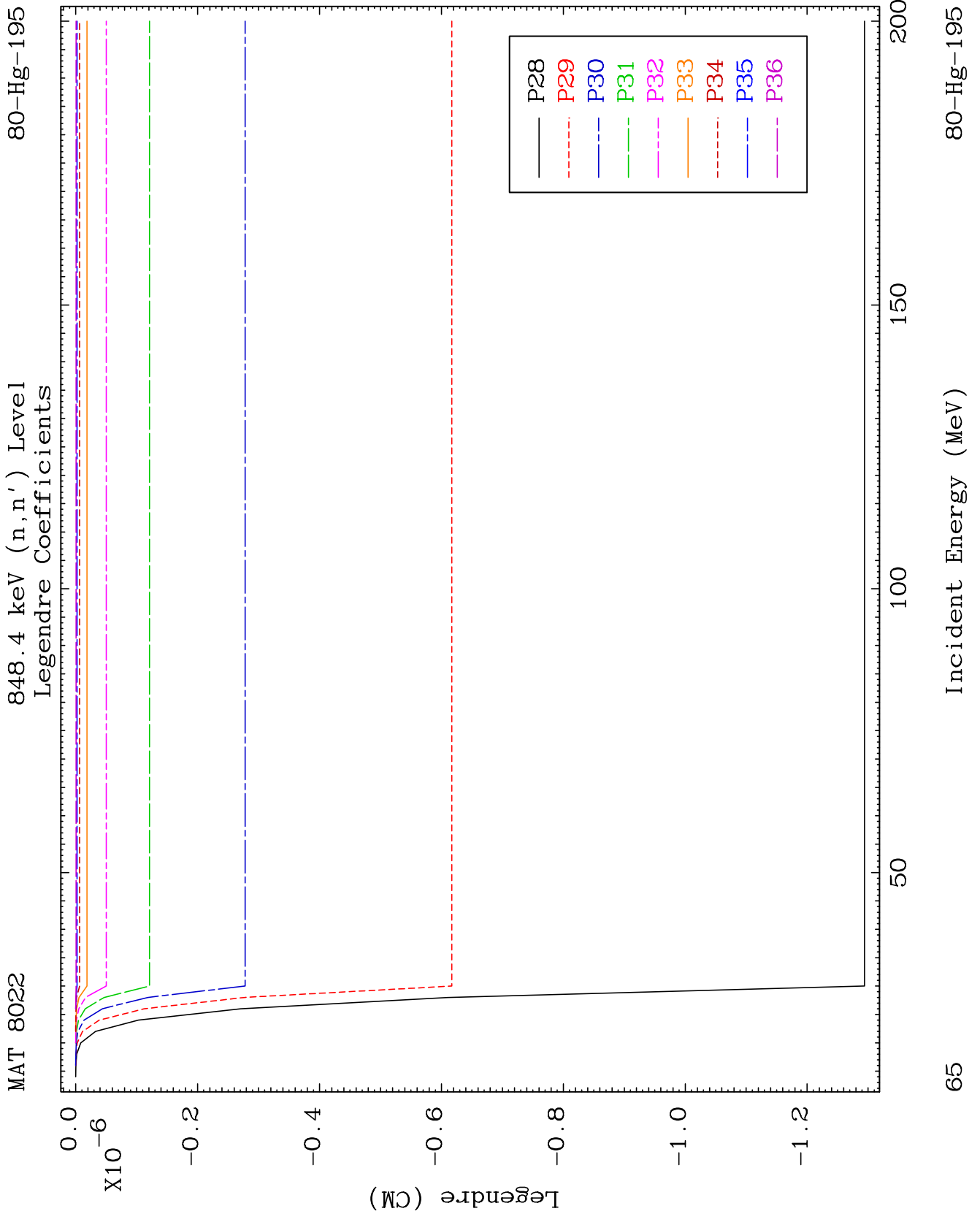
80-Hg-195

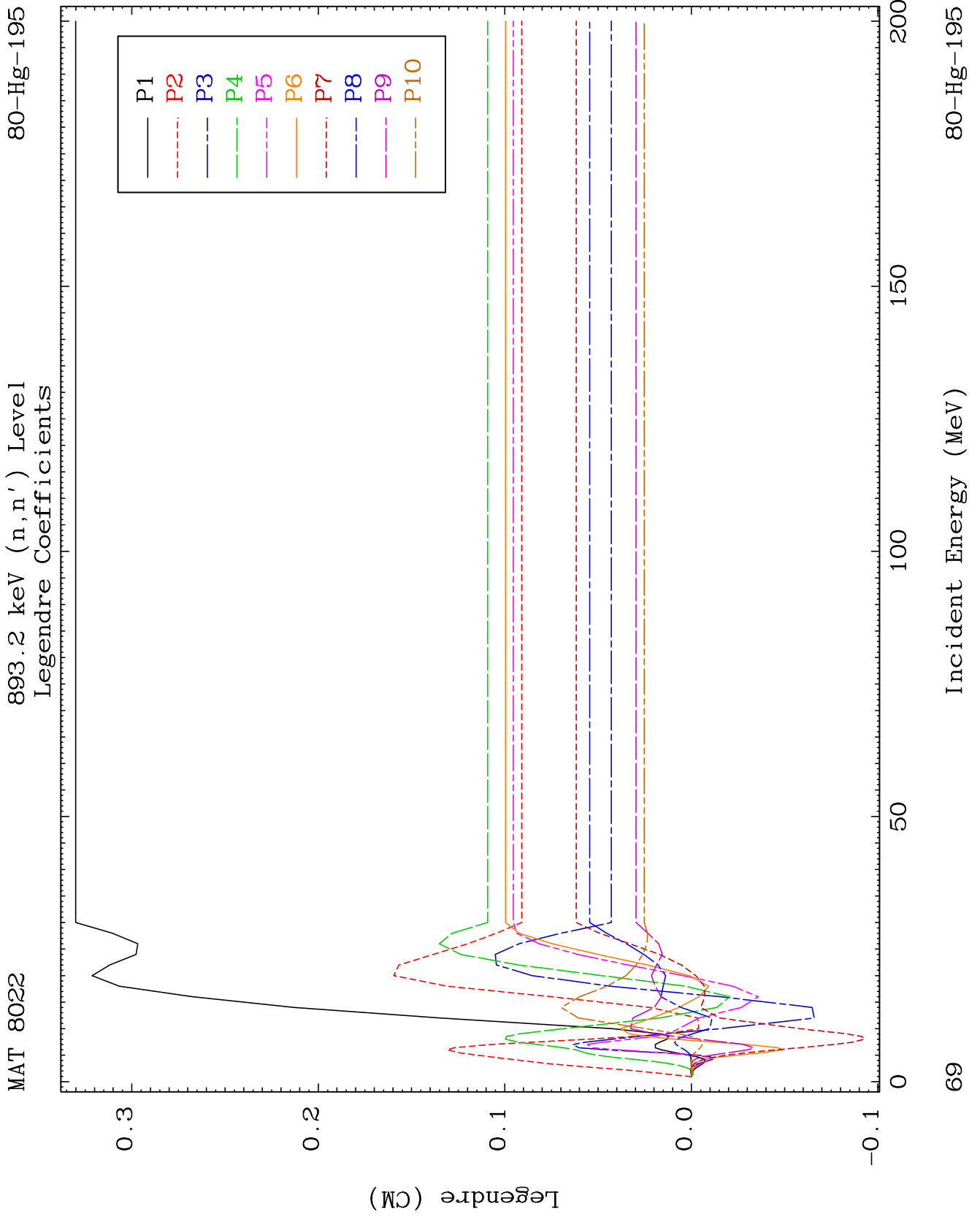


64

Incident Energy (MeV)

80-Hg-195

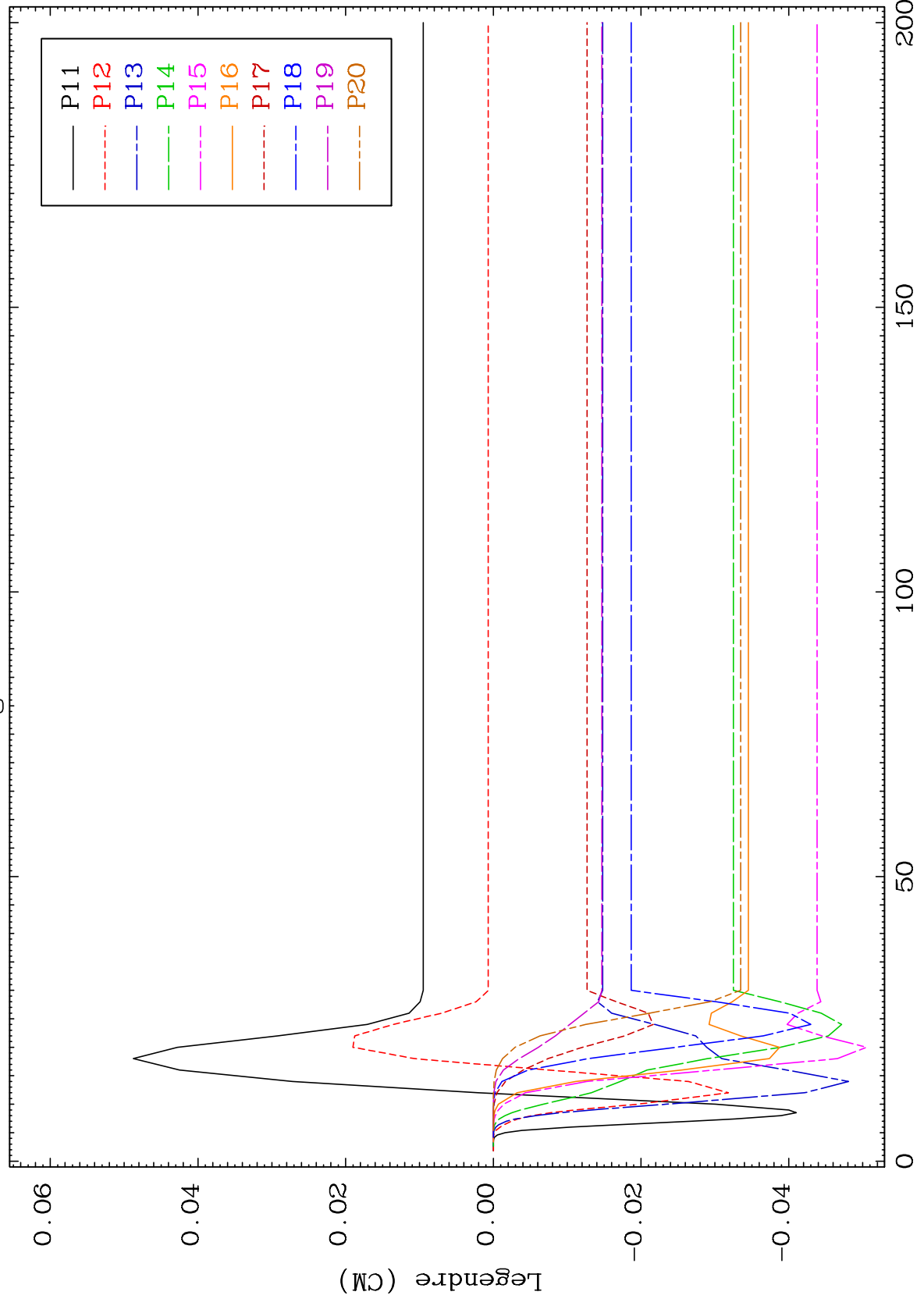




MAT 8022

893.2 keV (n,n') Level
Legendre Coefficients

80-Hg-195



70

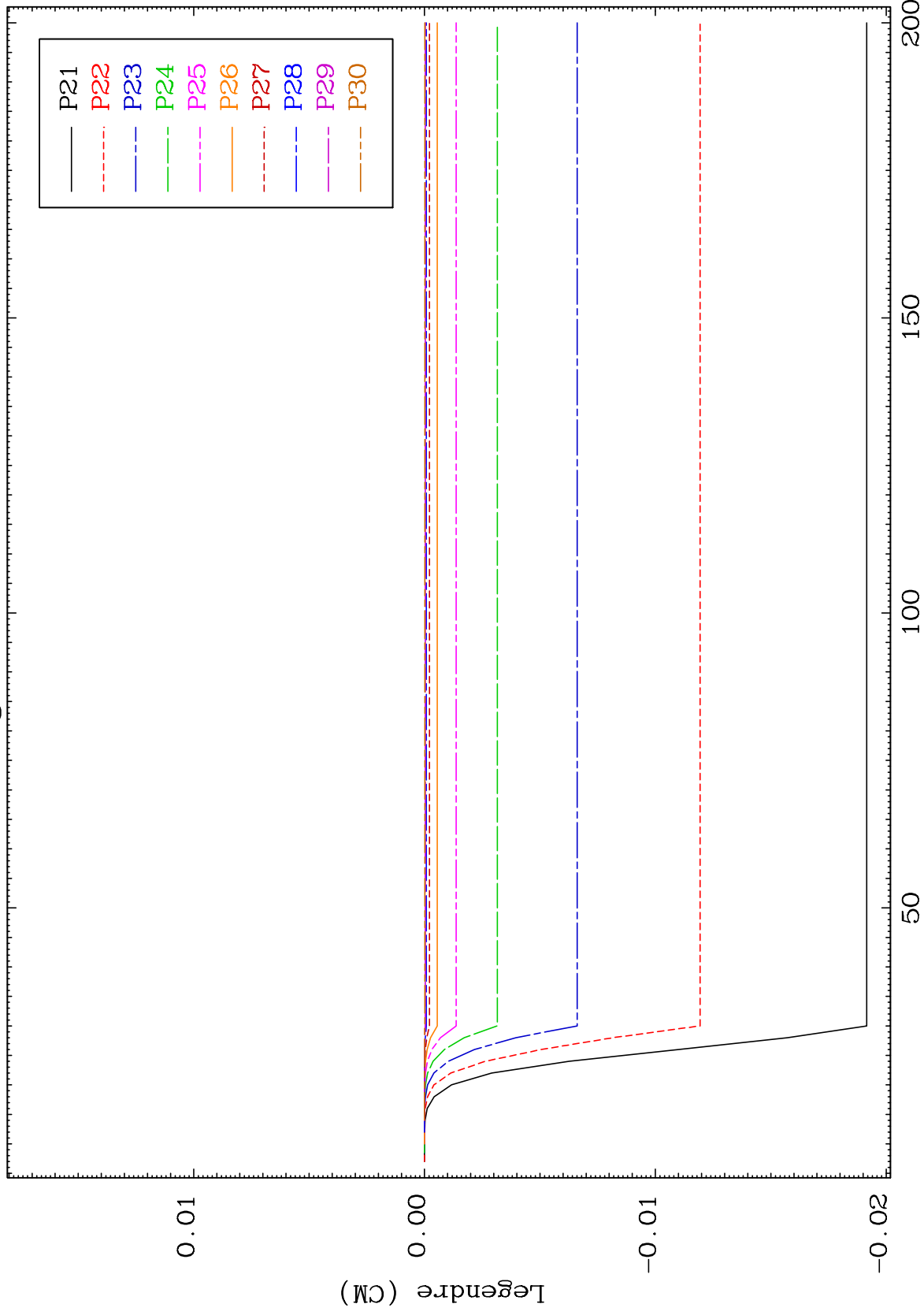
Incident Energy (MeV)

80-Hg-195

MAT 8022

893.2 keV (n,n') Level
Legendre Coefficients

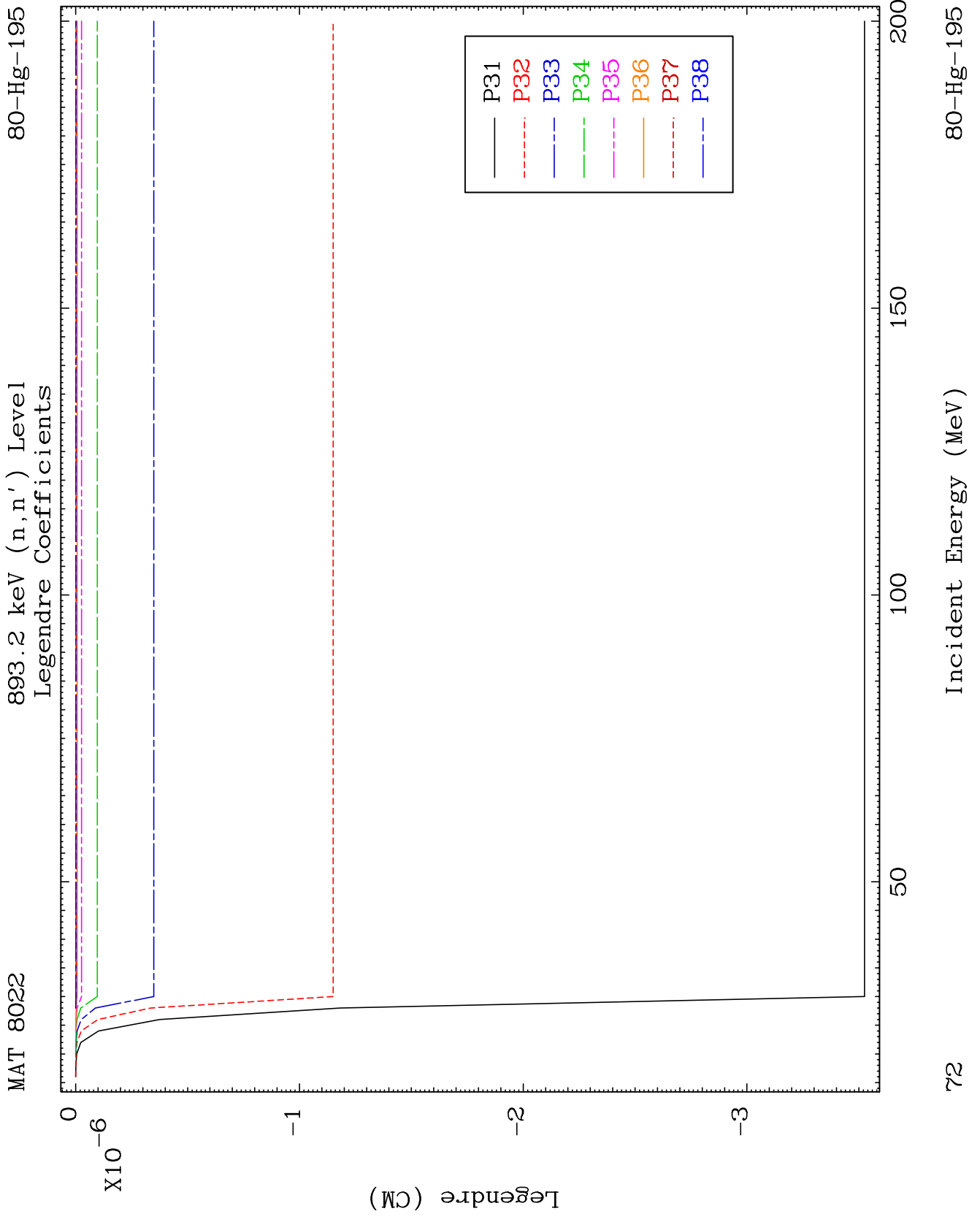
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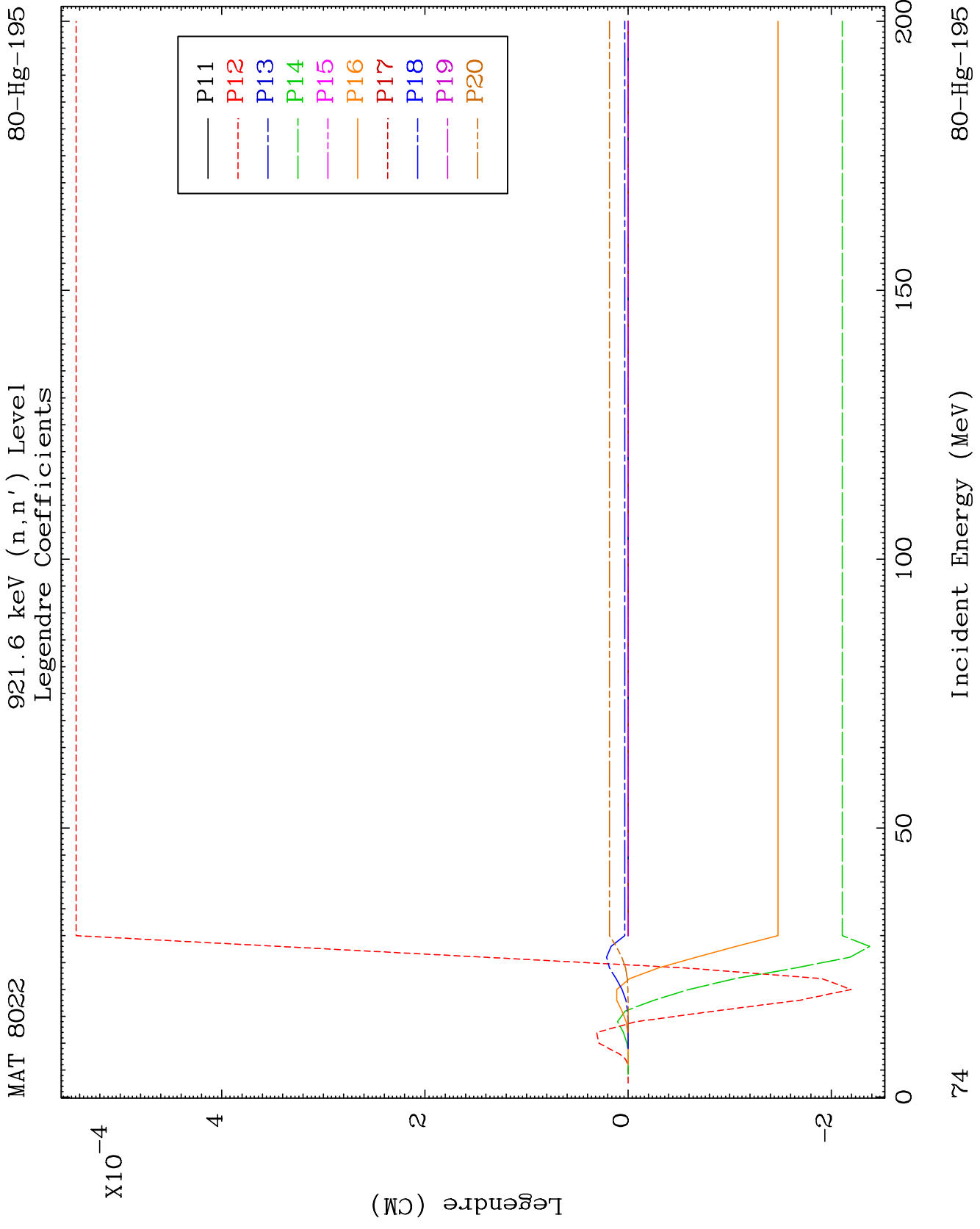


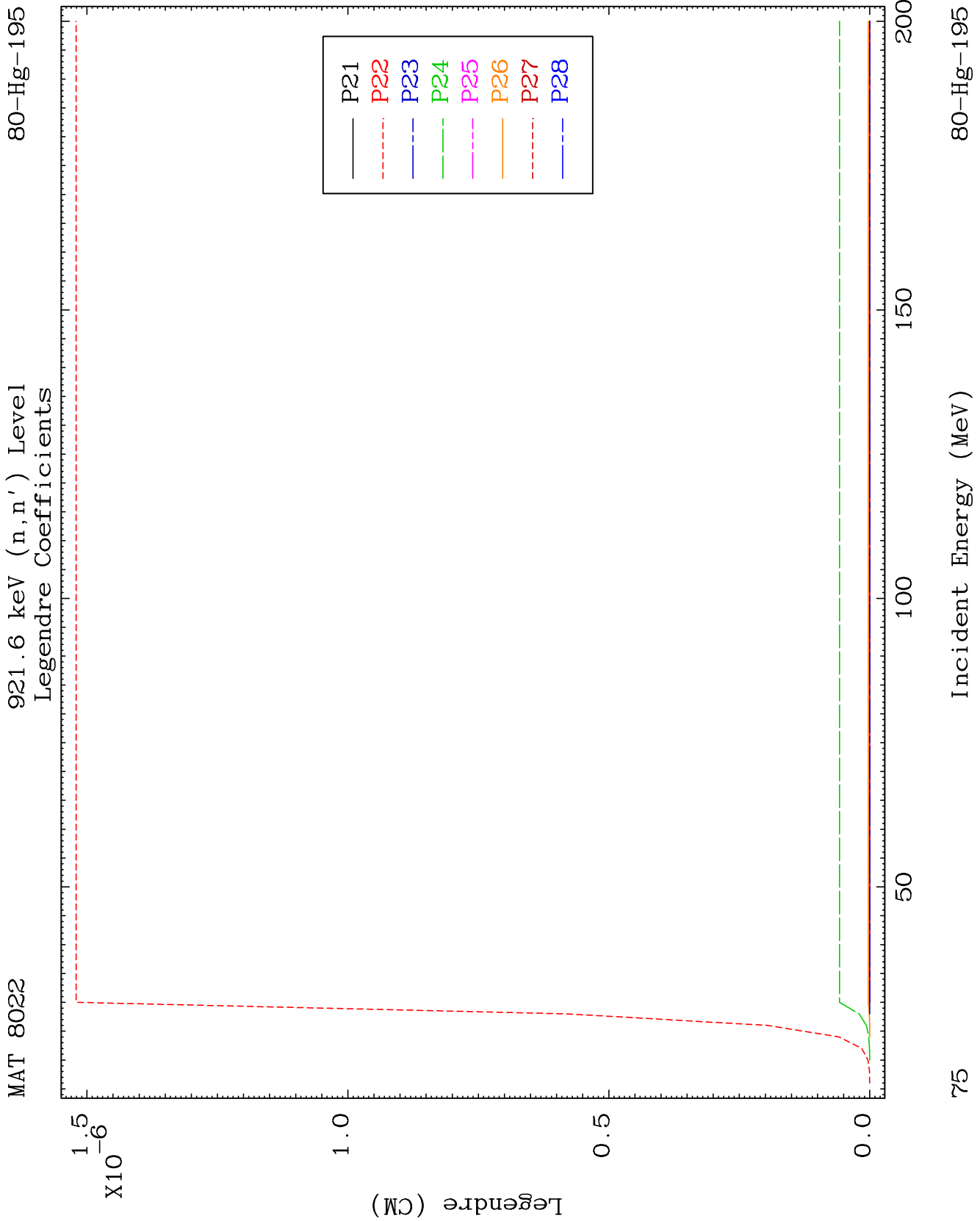
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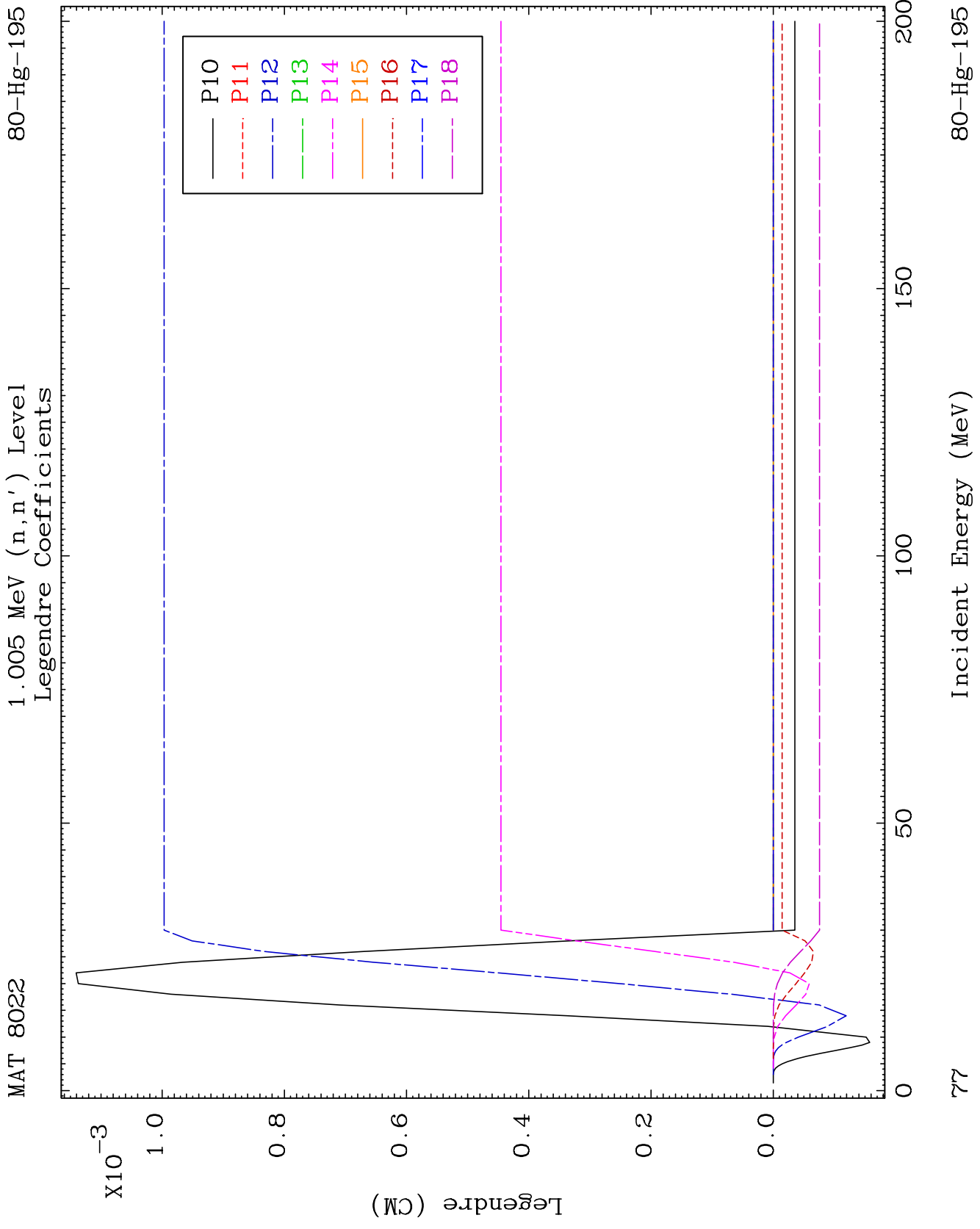
Incident Energy (MeV)

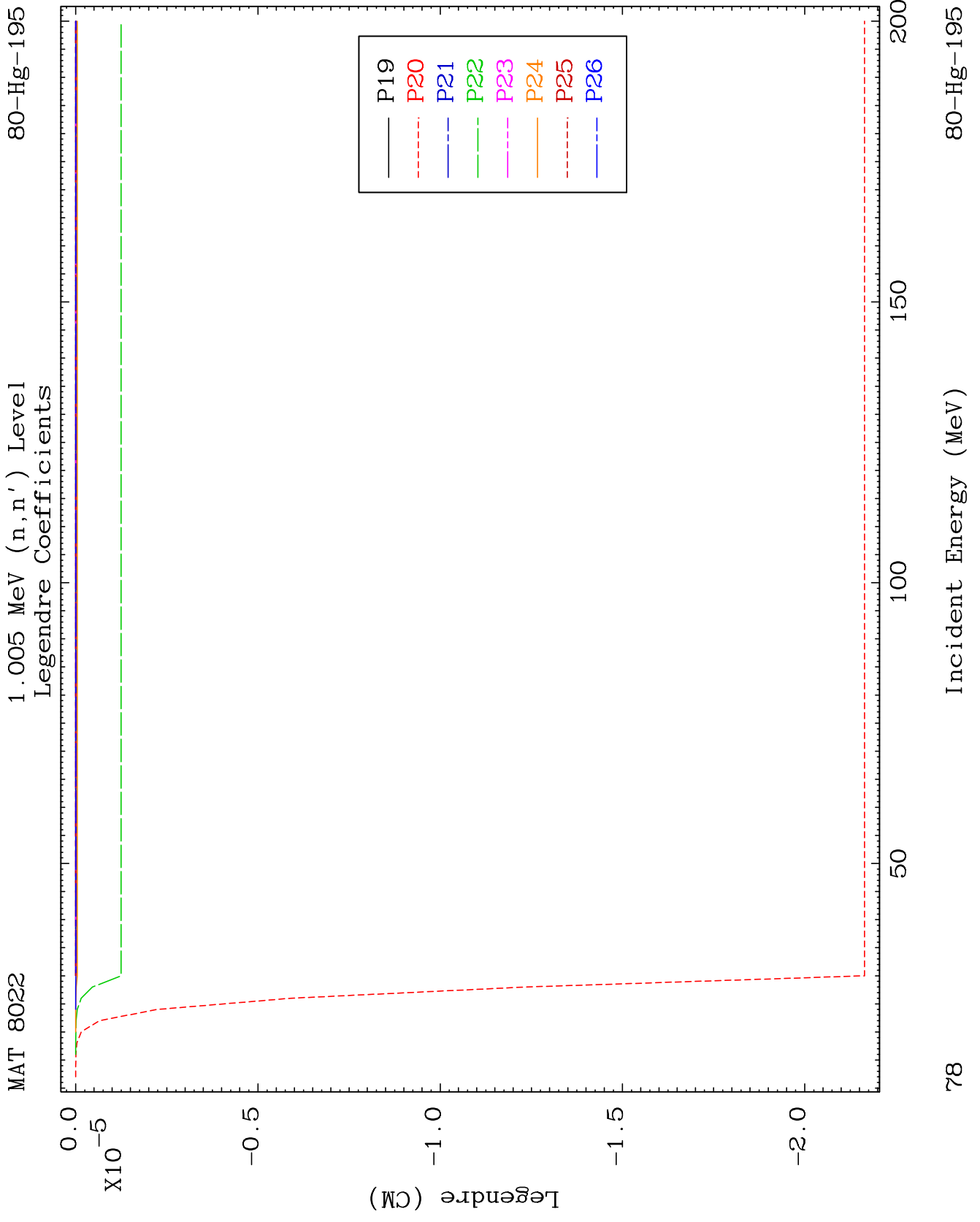
80-Hg-195

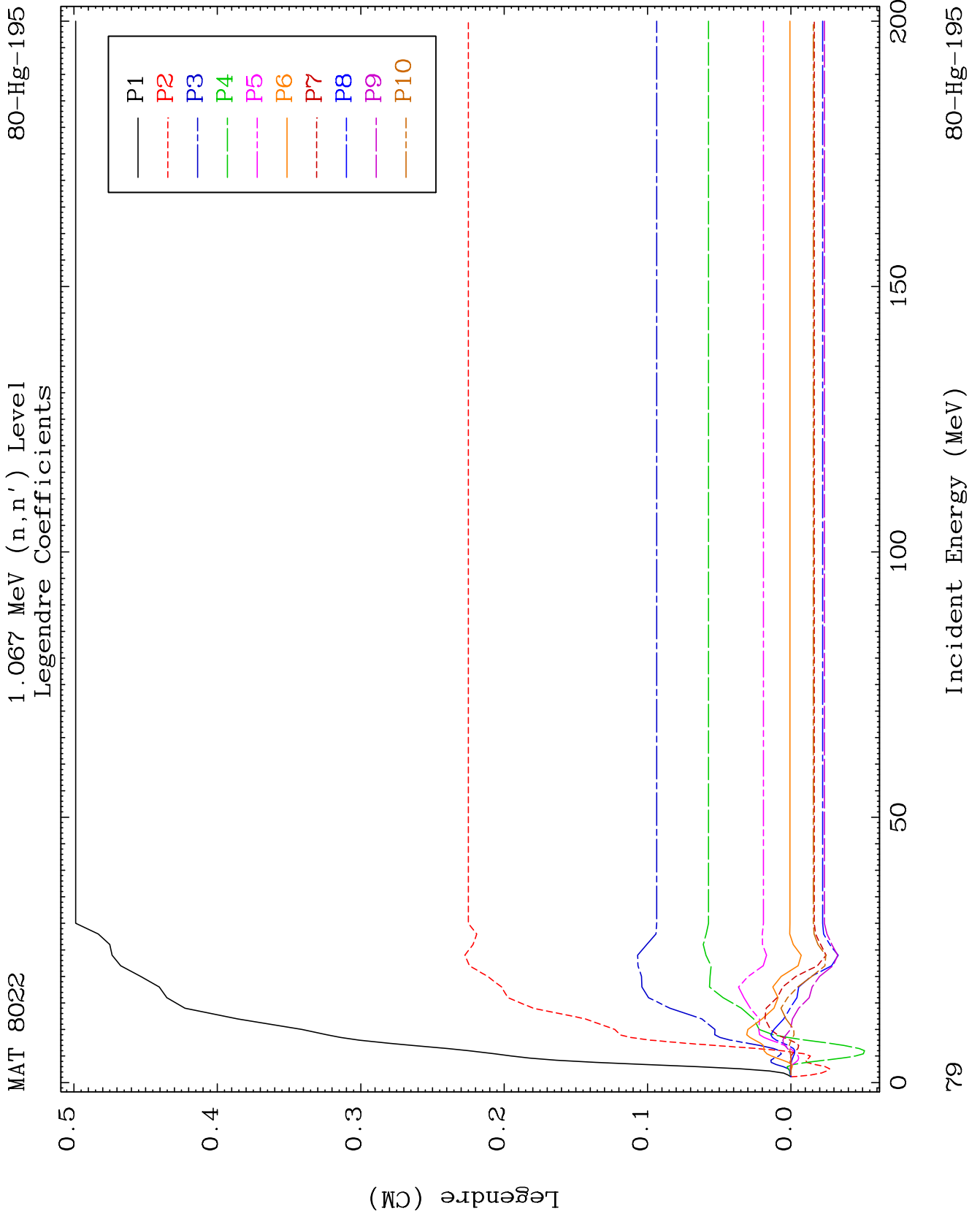








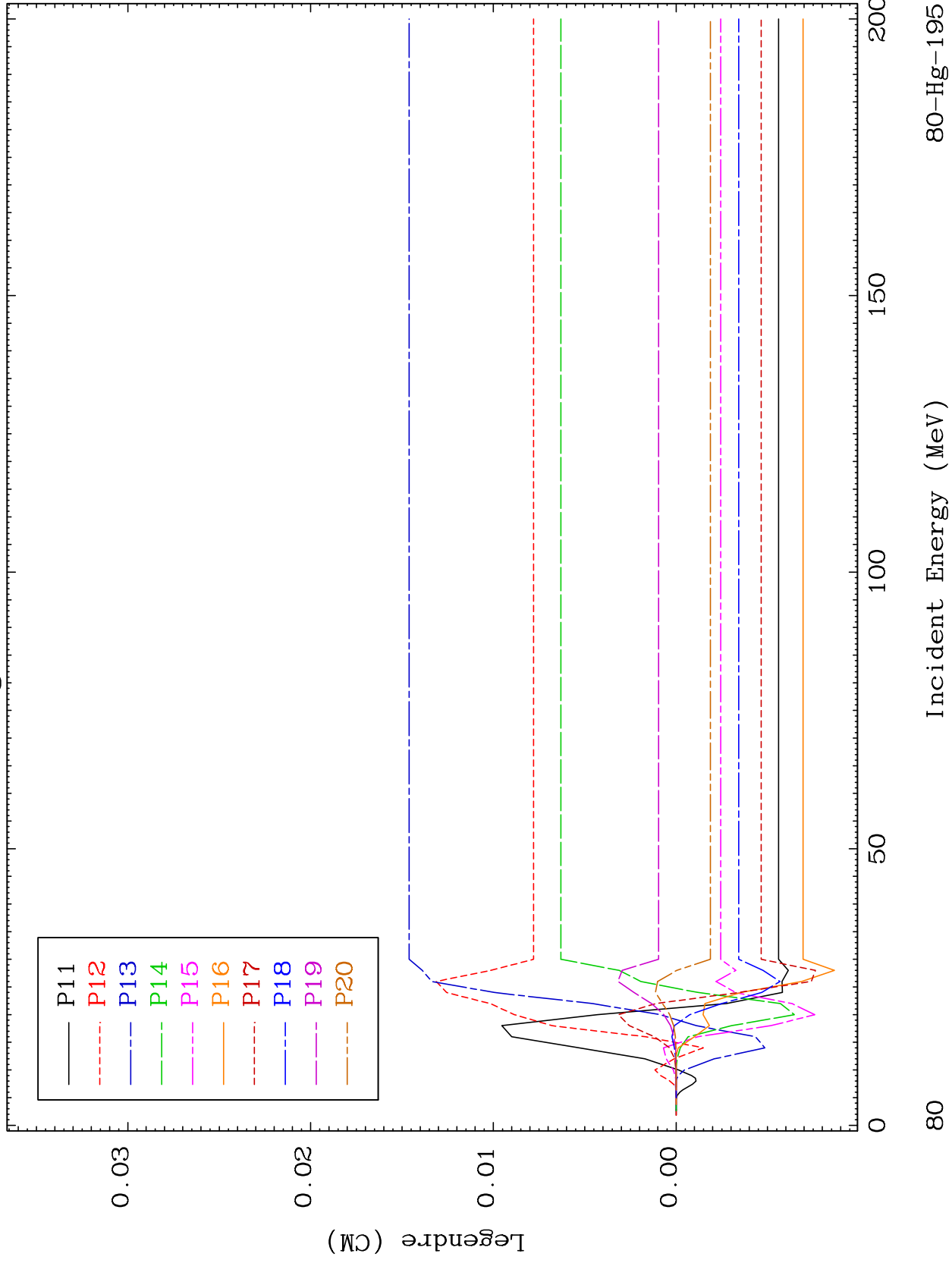


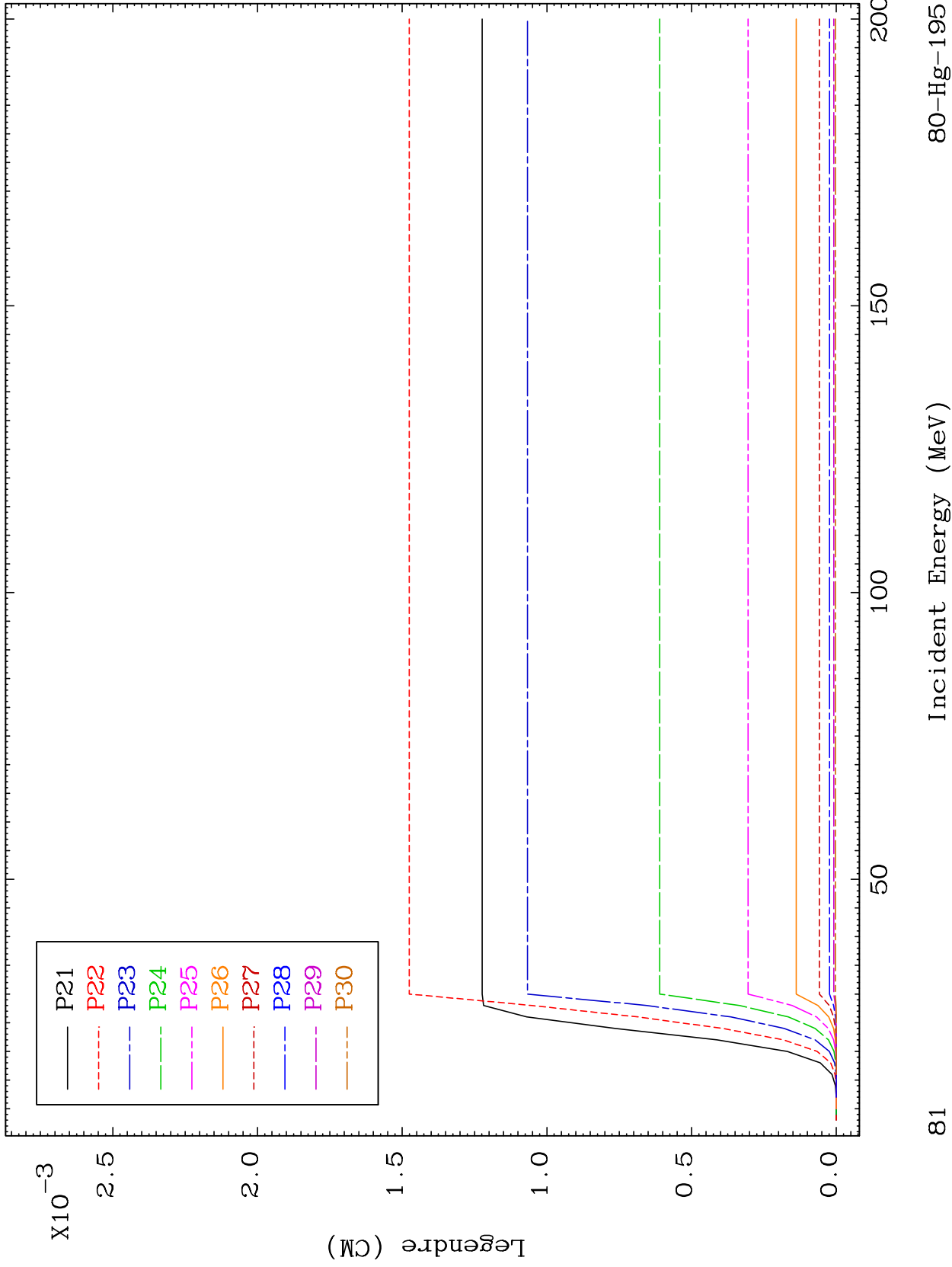


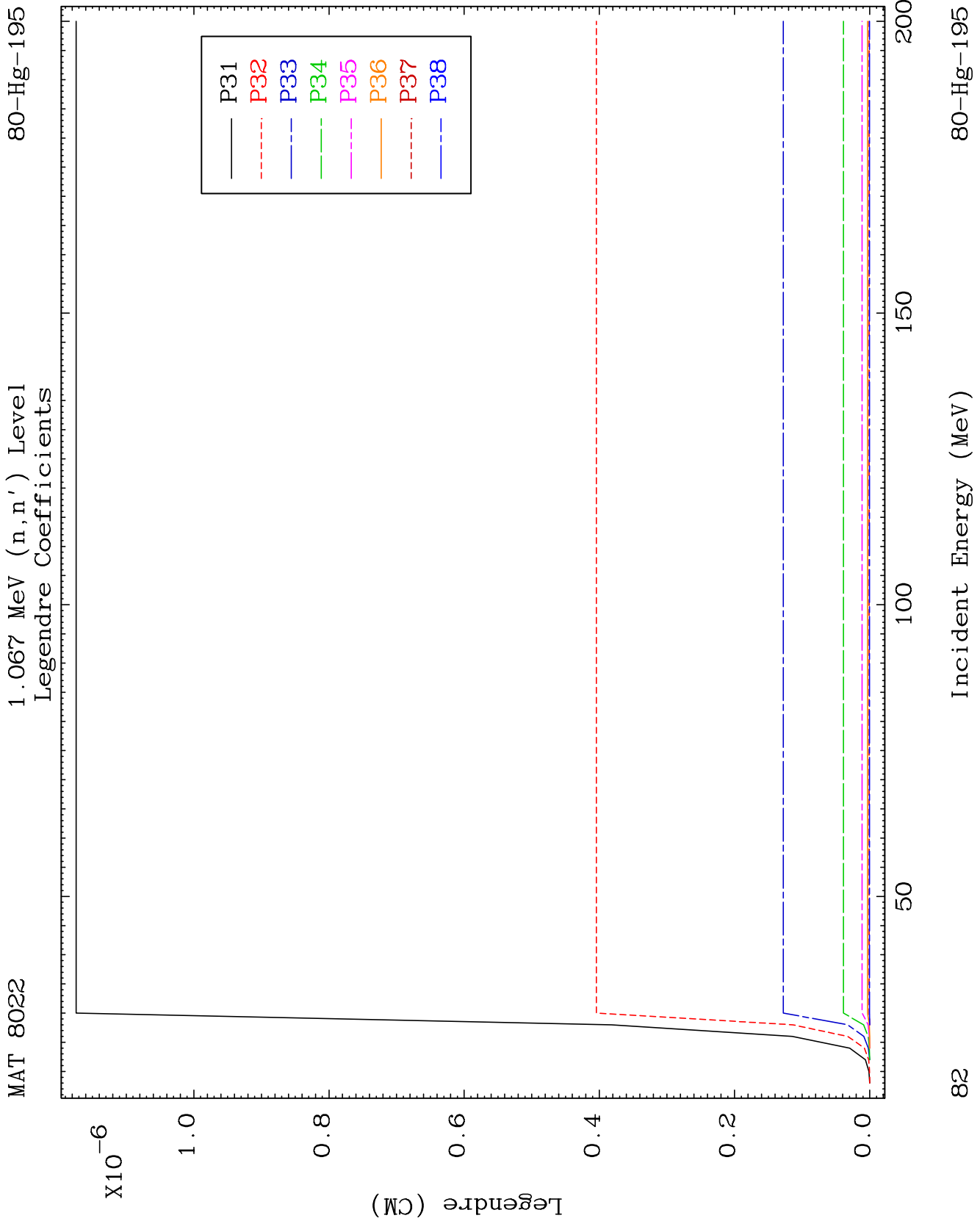
MAT 8022

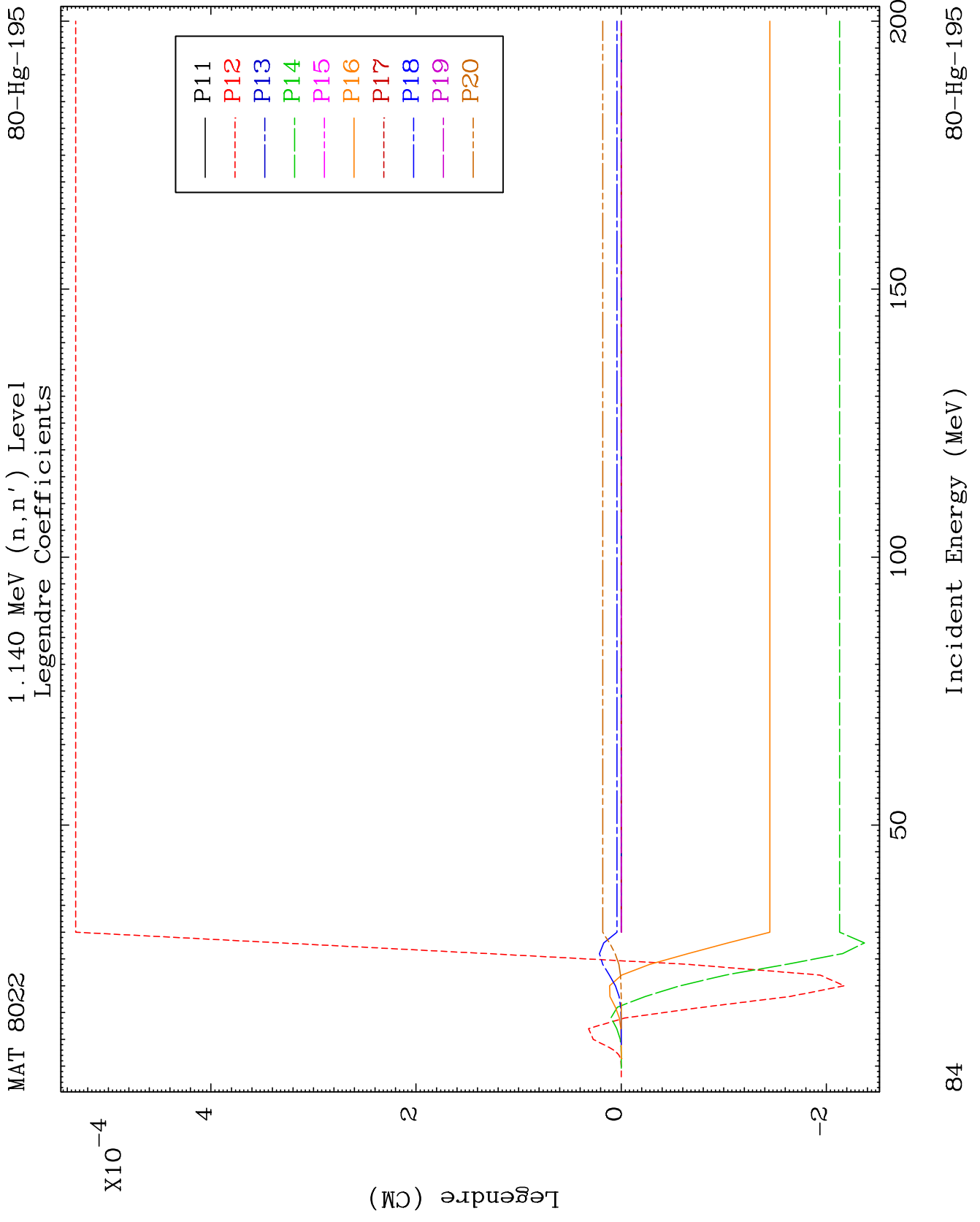
1.067 MeV (n,n') Level
Legendre Coefficients

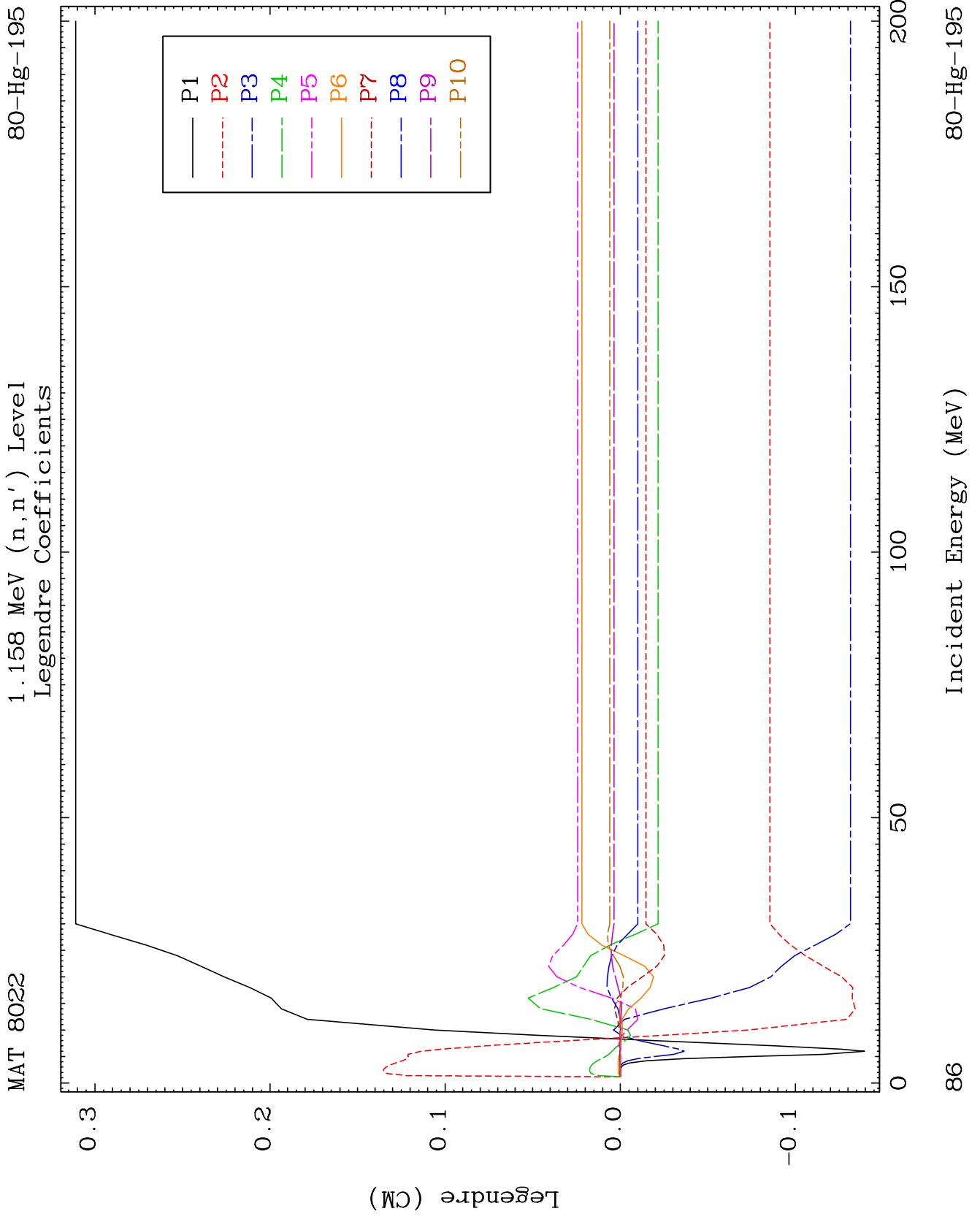
80-Hg-195







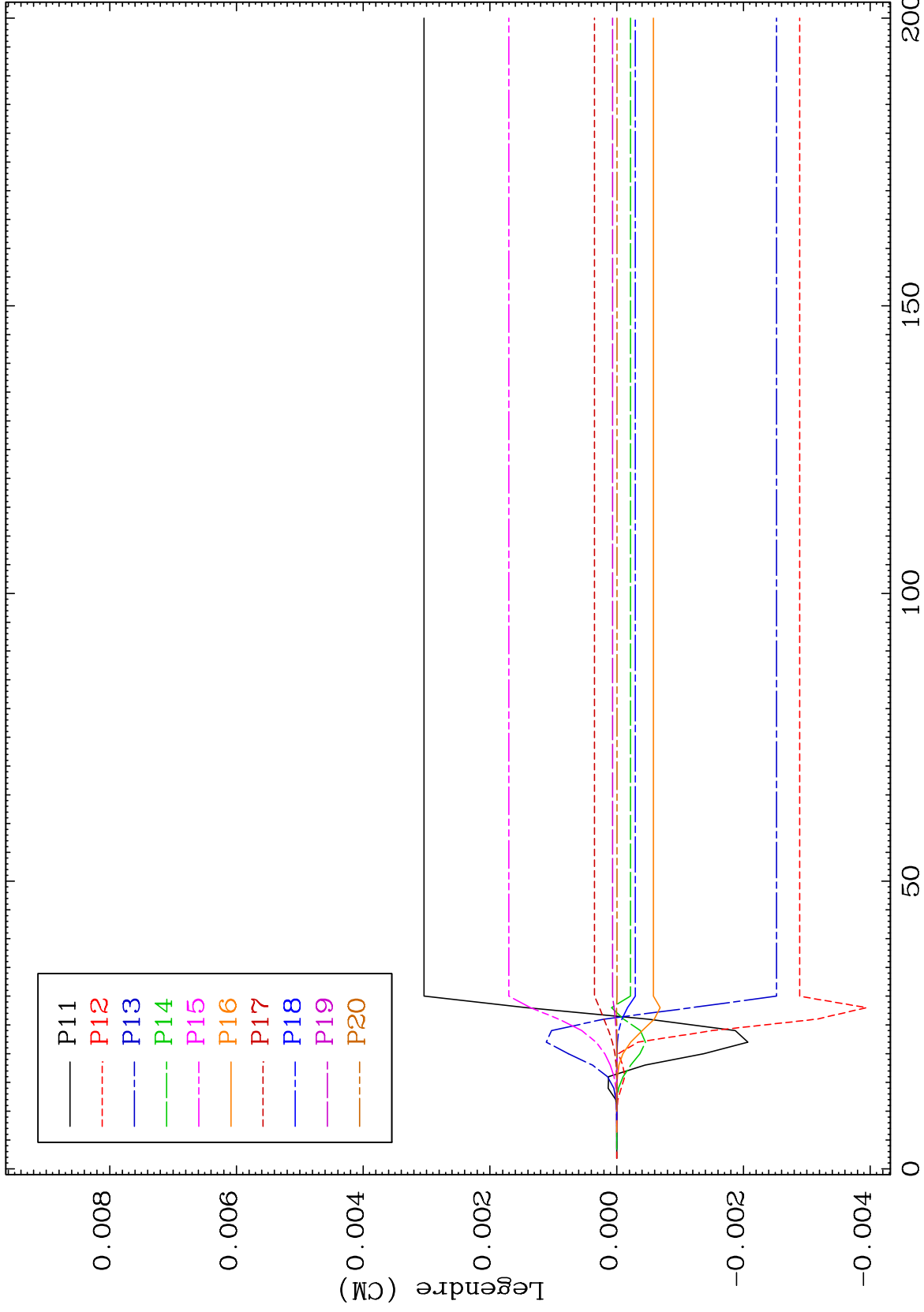




MAT 8022

1.158 MeV (n, n') Level
Legendre Coefficients

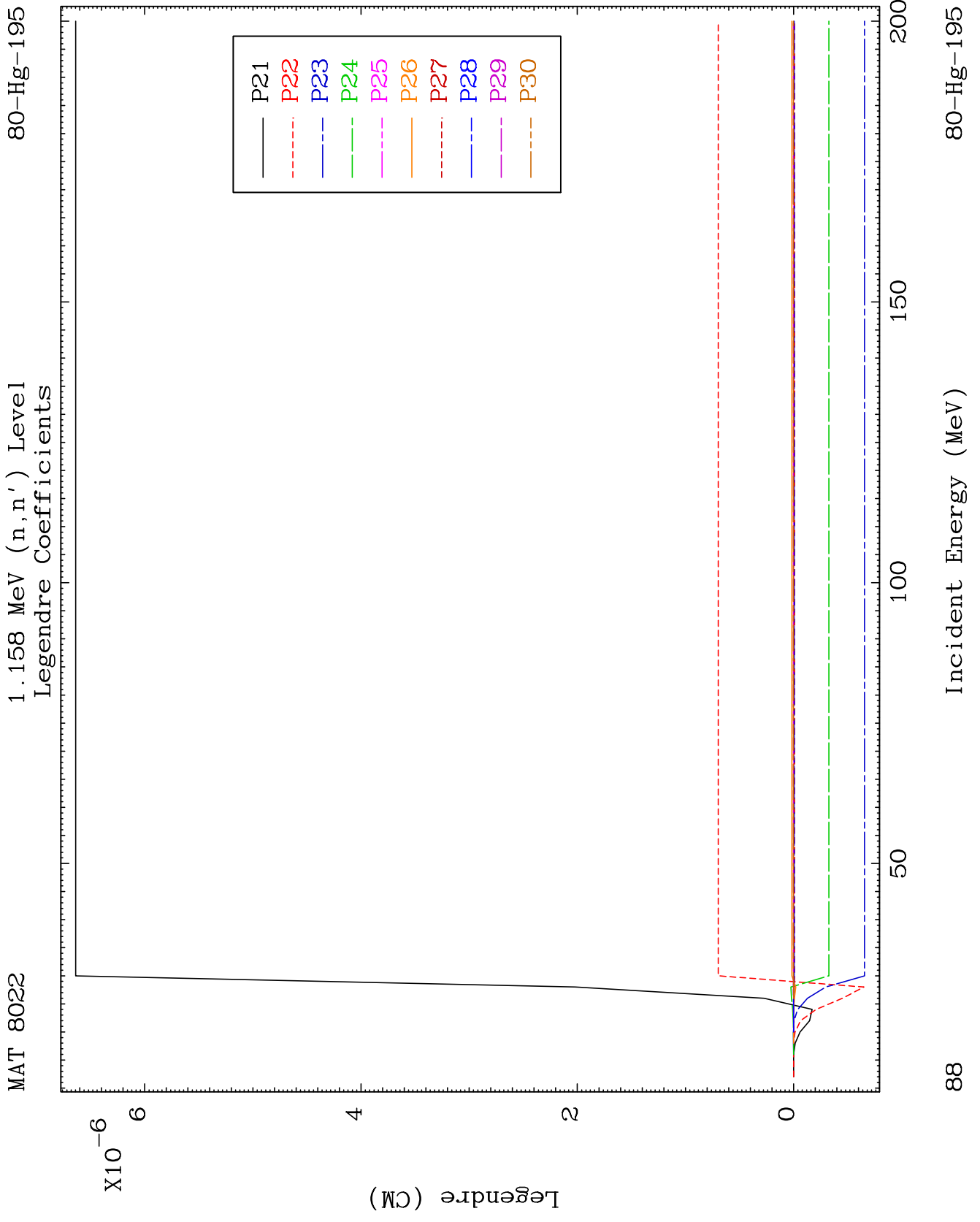
80-Hg-195

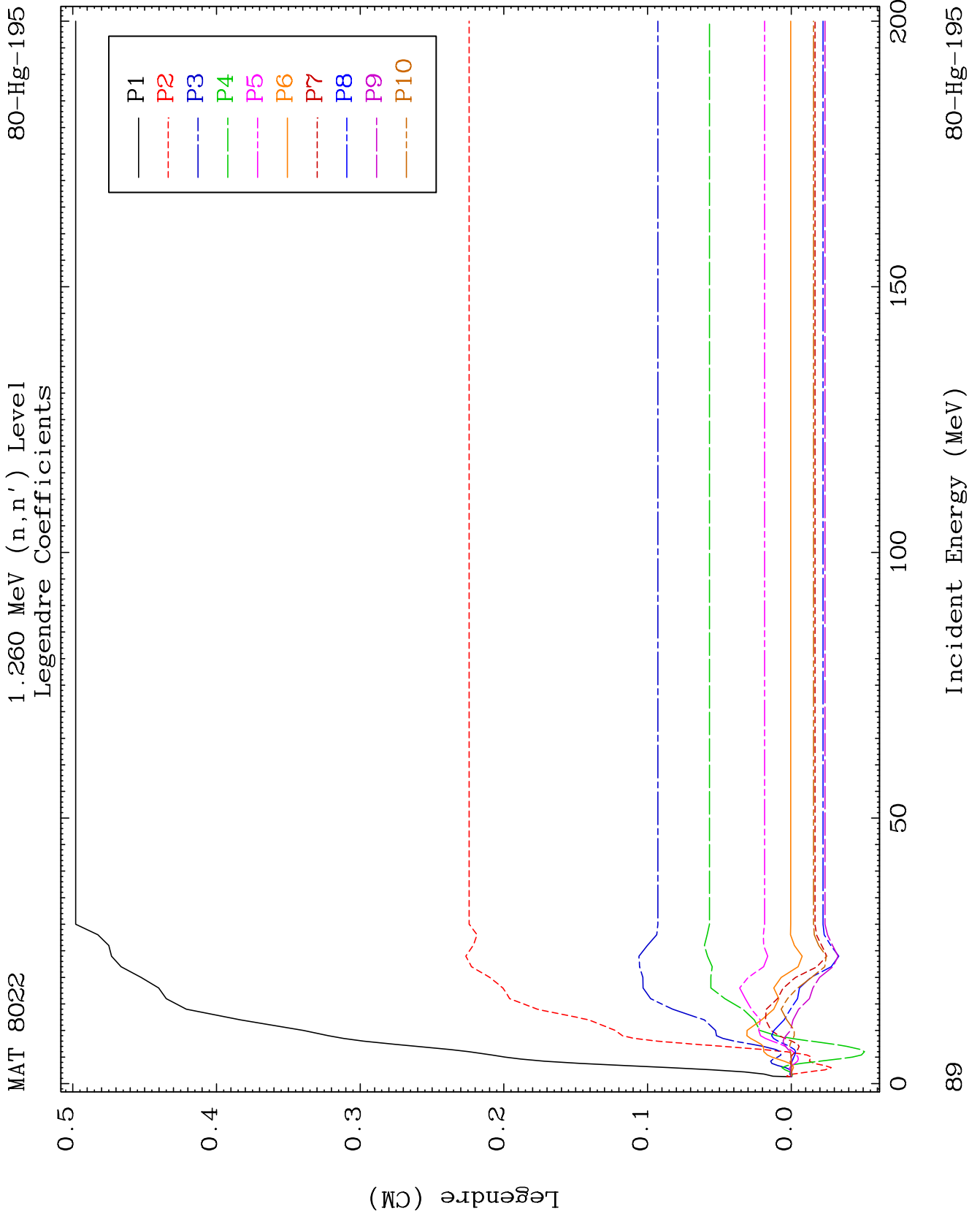


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Incident Energy (MeV)

80-Hg-195

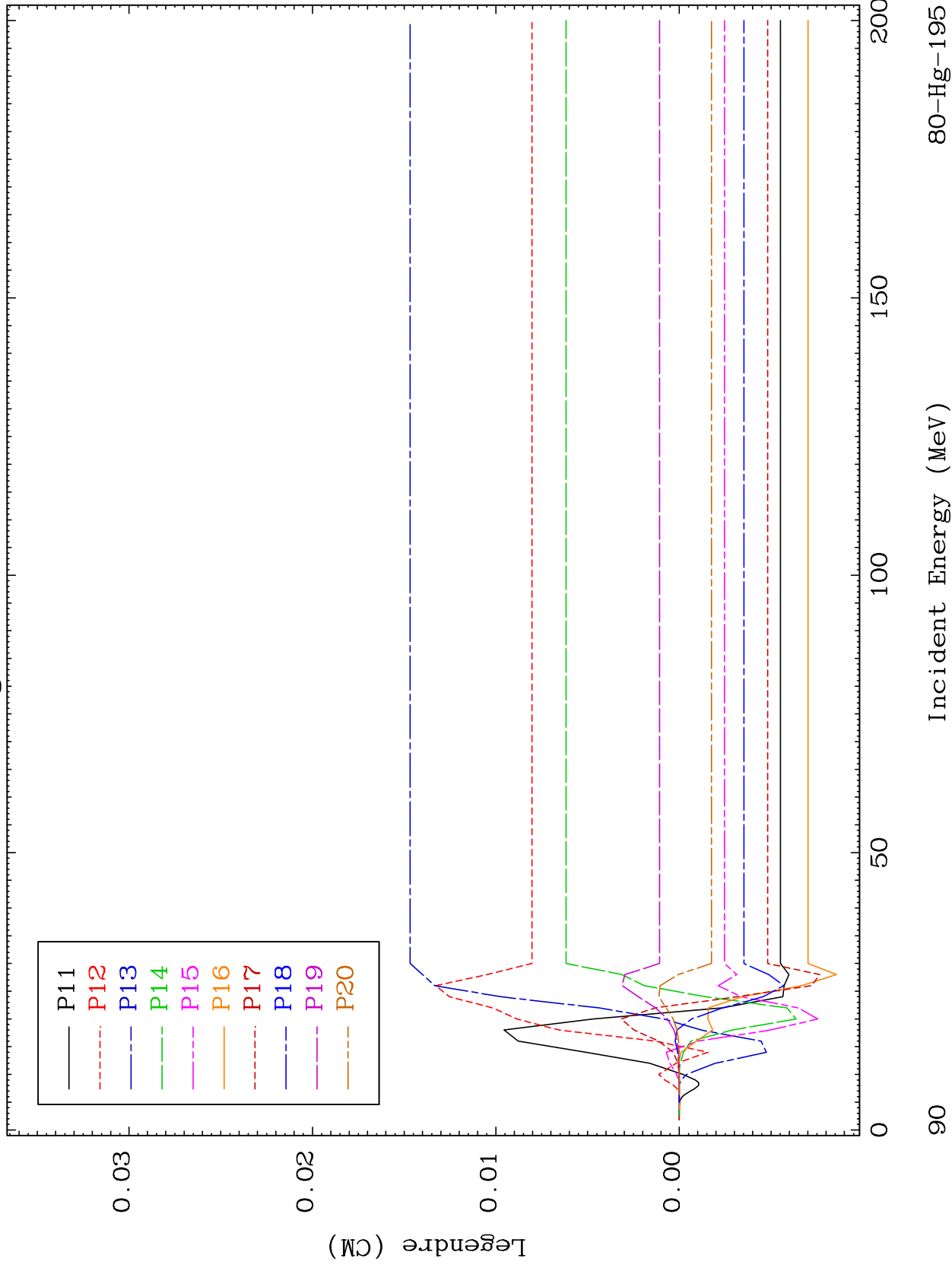




MAT 8022

1.260 MeV (n,n') Level
Legendre Coefficients

80-Hg-195



80-Hg-195

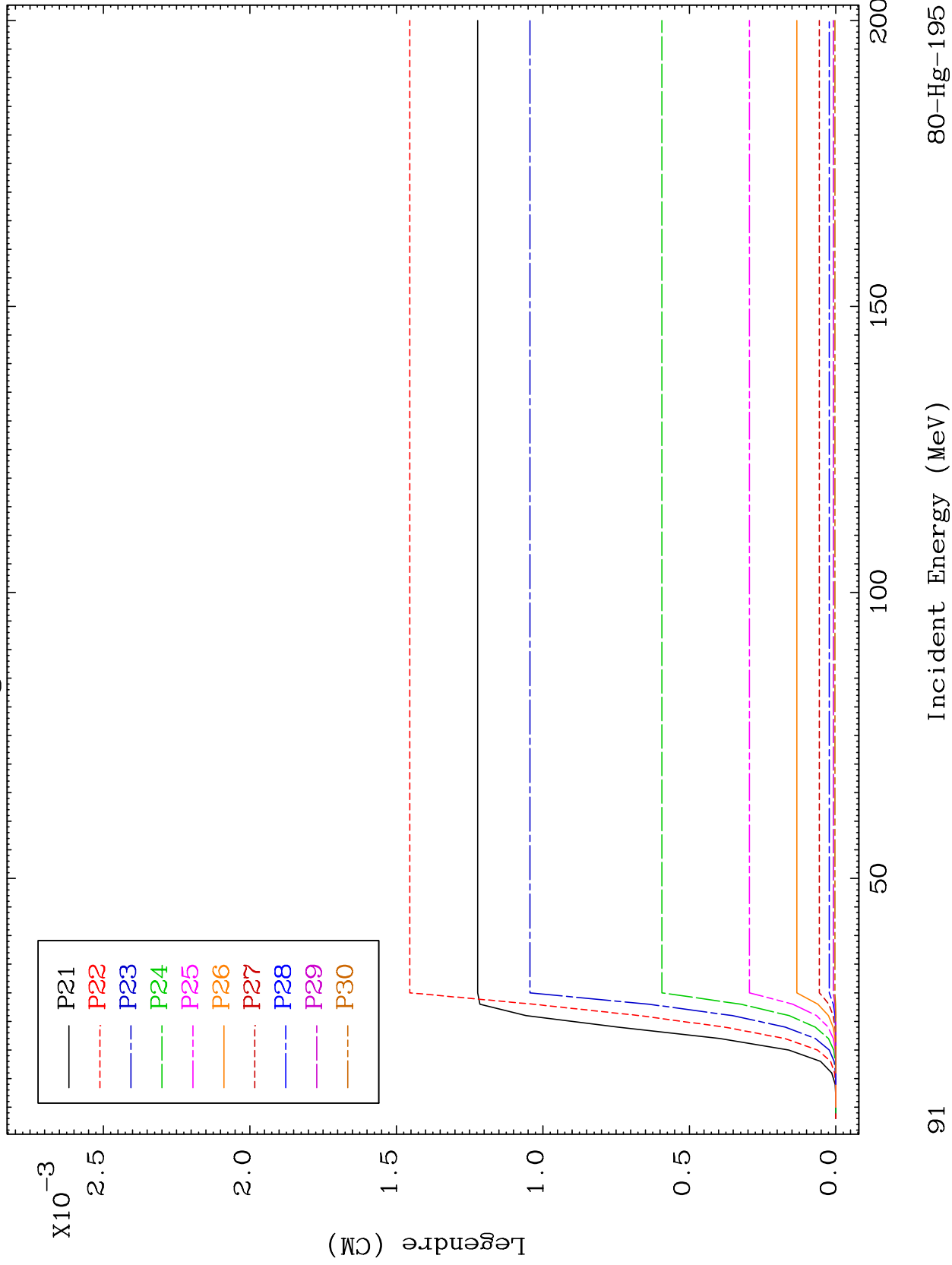
Incident Energy (MeV)

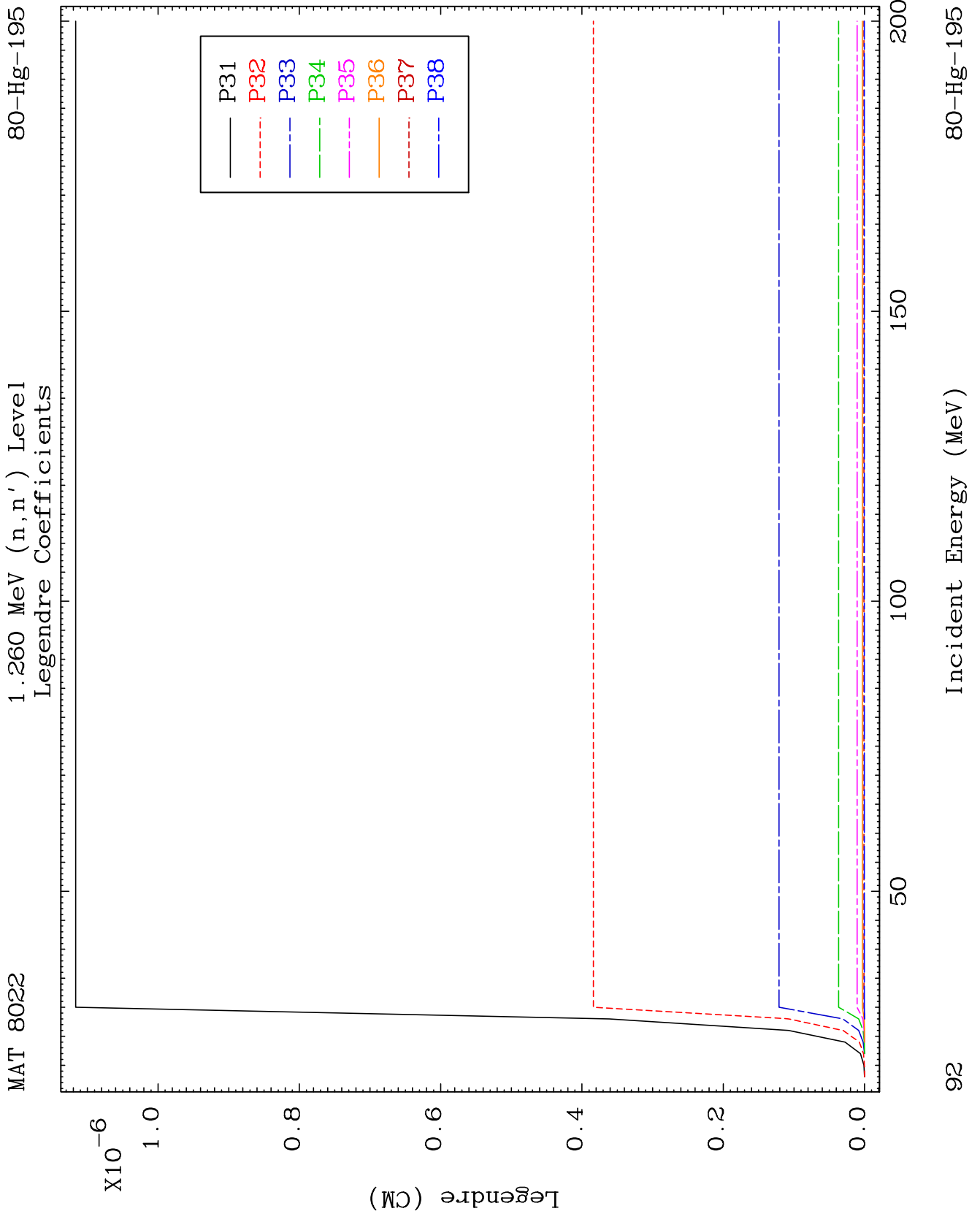
90

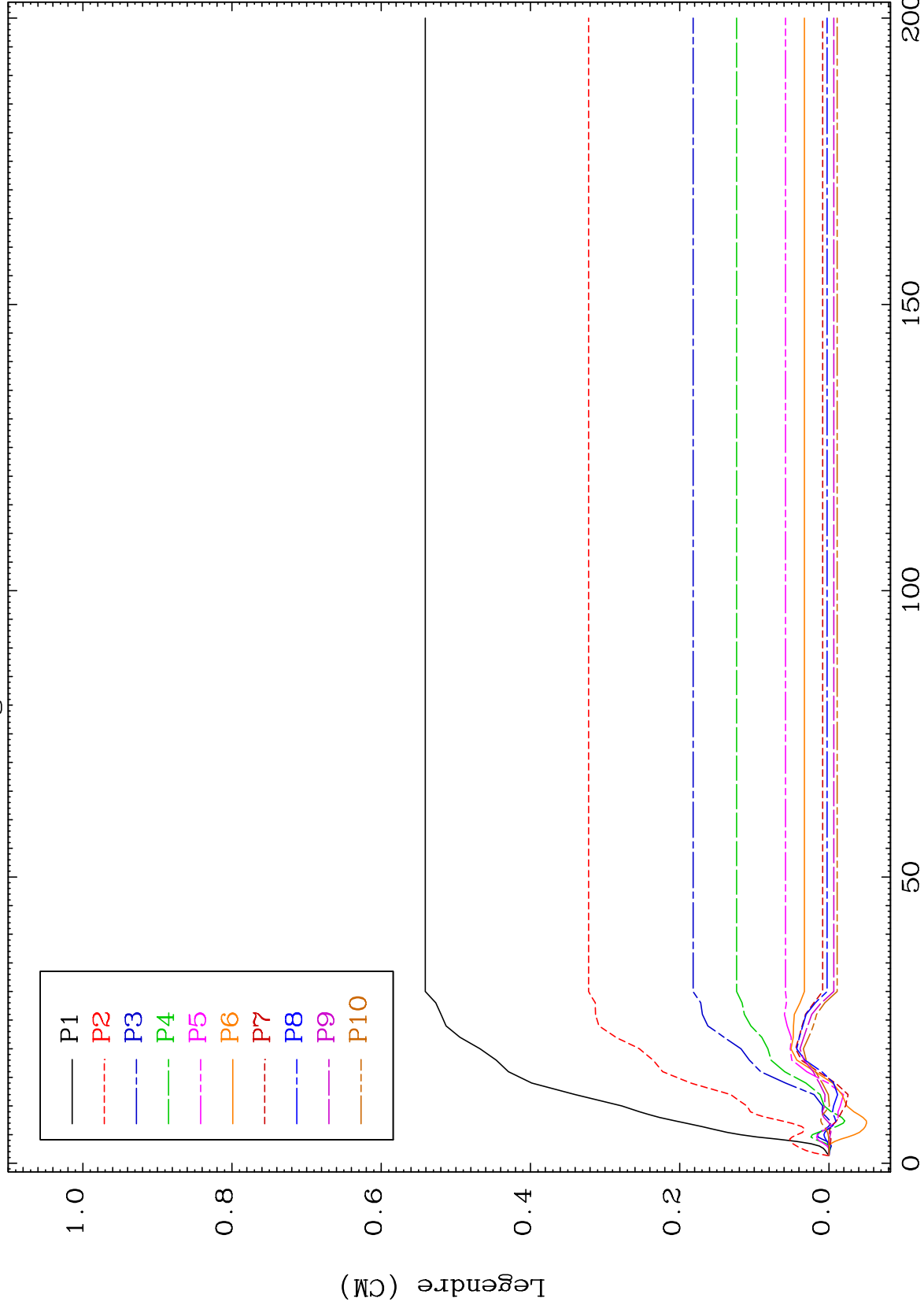
MAT 8022

1.260 MeV (n,n') Level
Legendre Coefficients

80-Hg-195



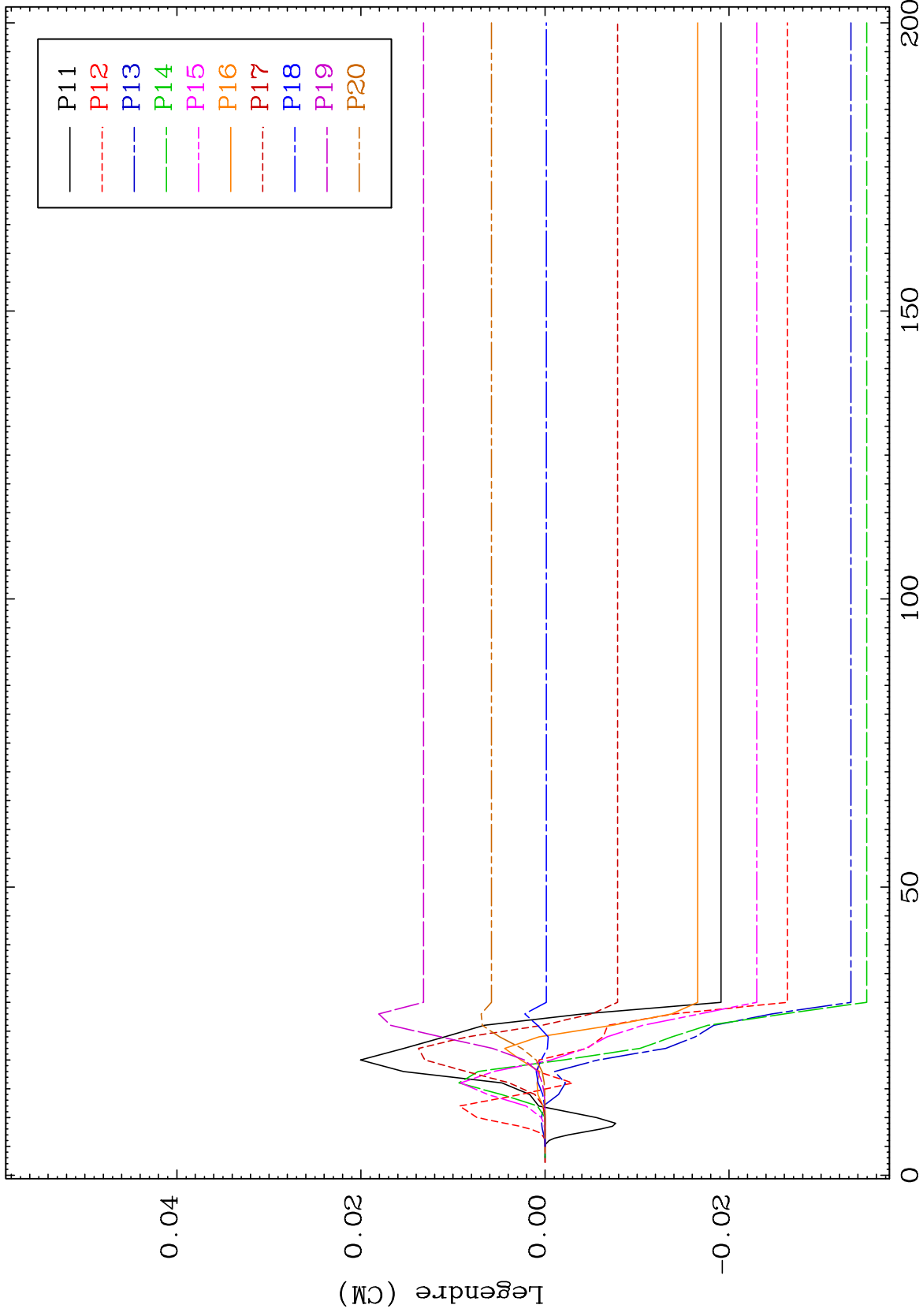




MAT 8022

1.301 MeV (n,n') Level
Legendre Coefficients

80-Hg-195



94

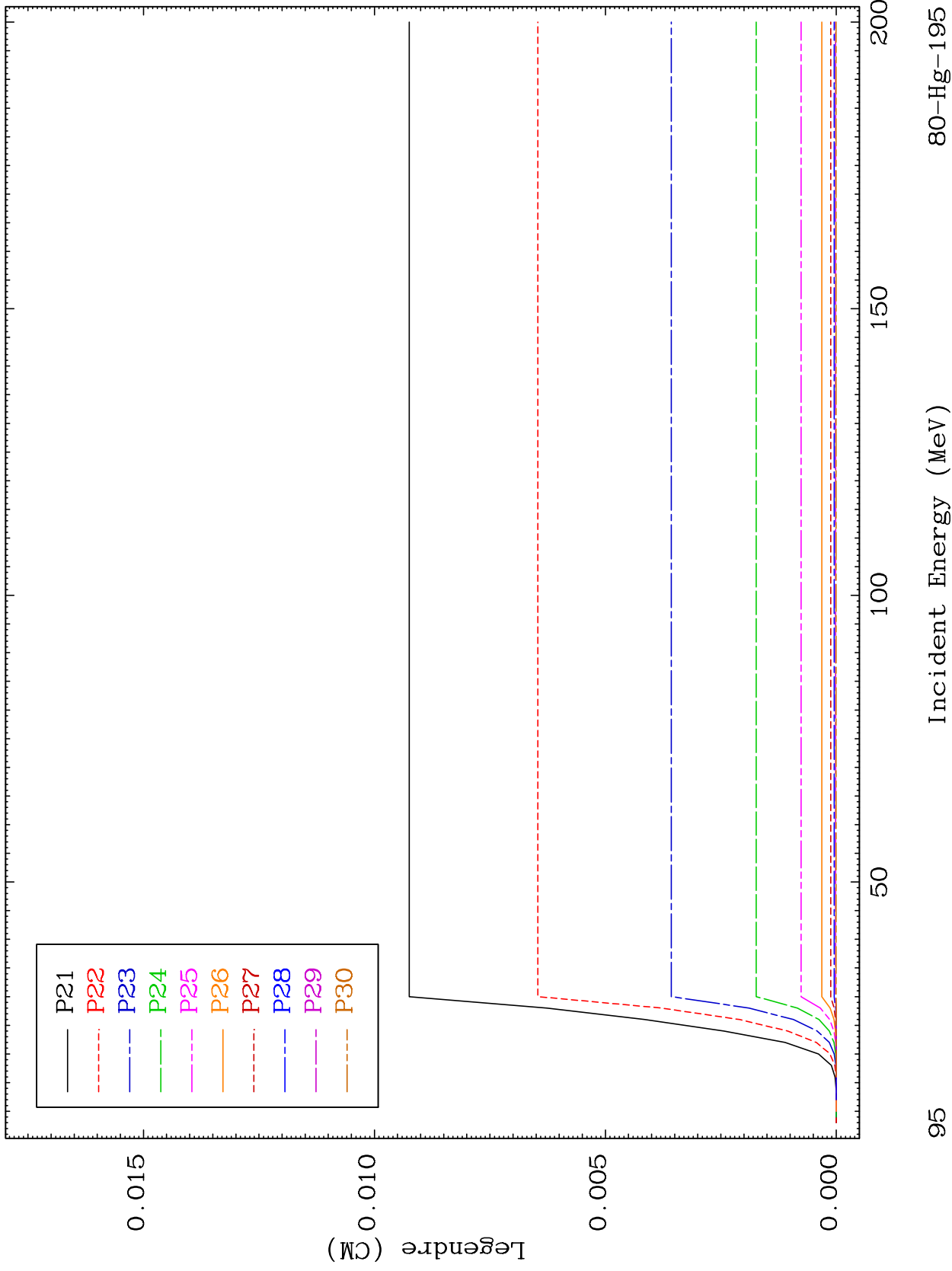
Incident Energy (MeV)

80-Hg-195

MAT 8022

1.301 MeV (n,n') Level
Legendre Coefficients

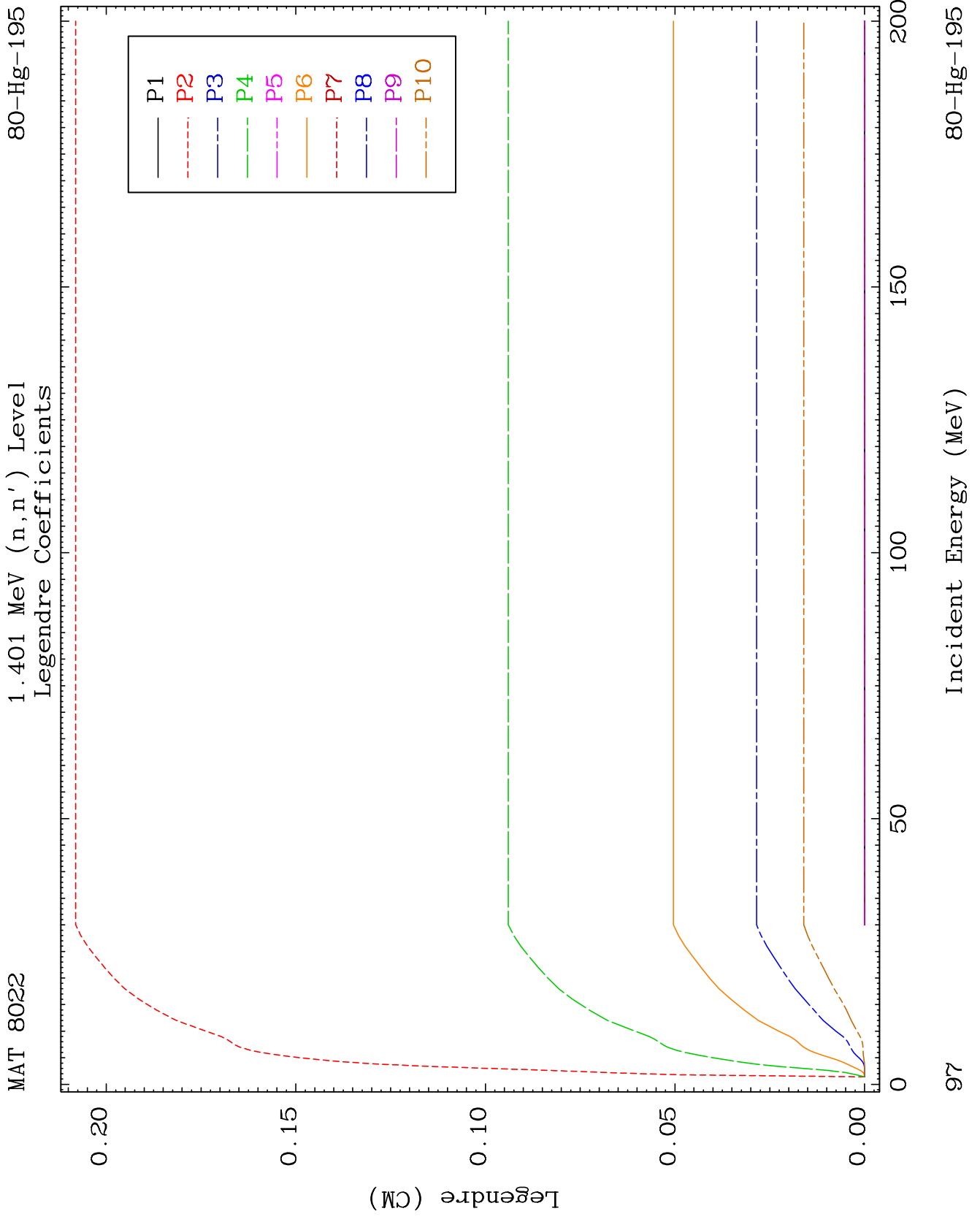
80-Hg-195

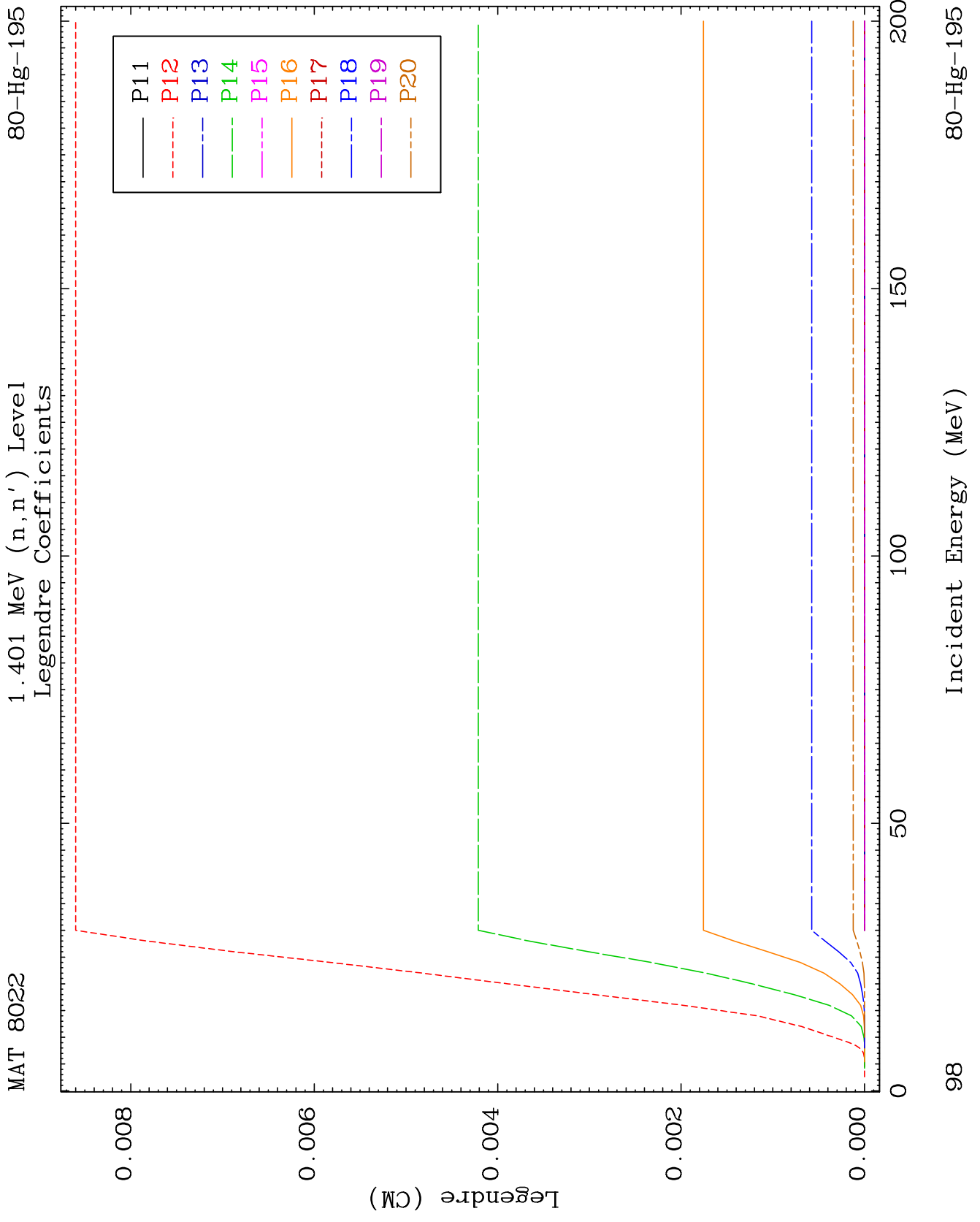


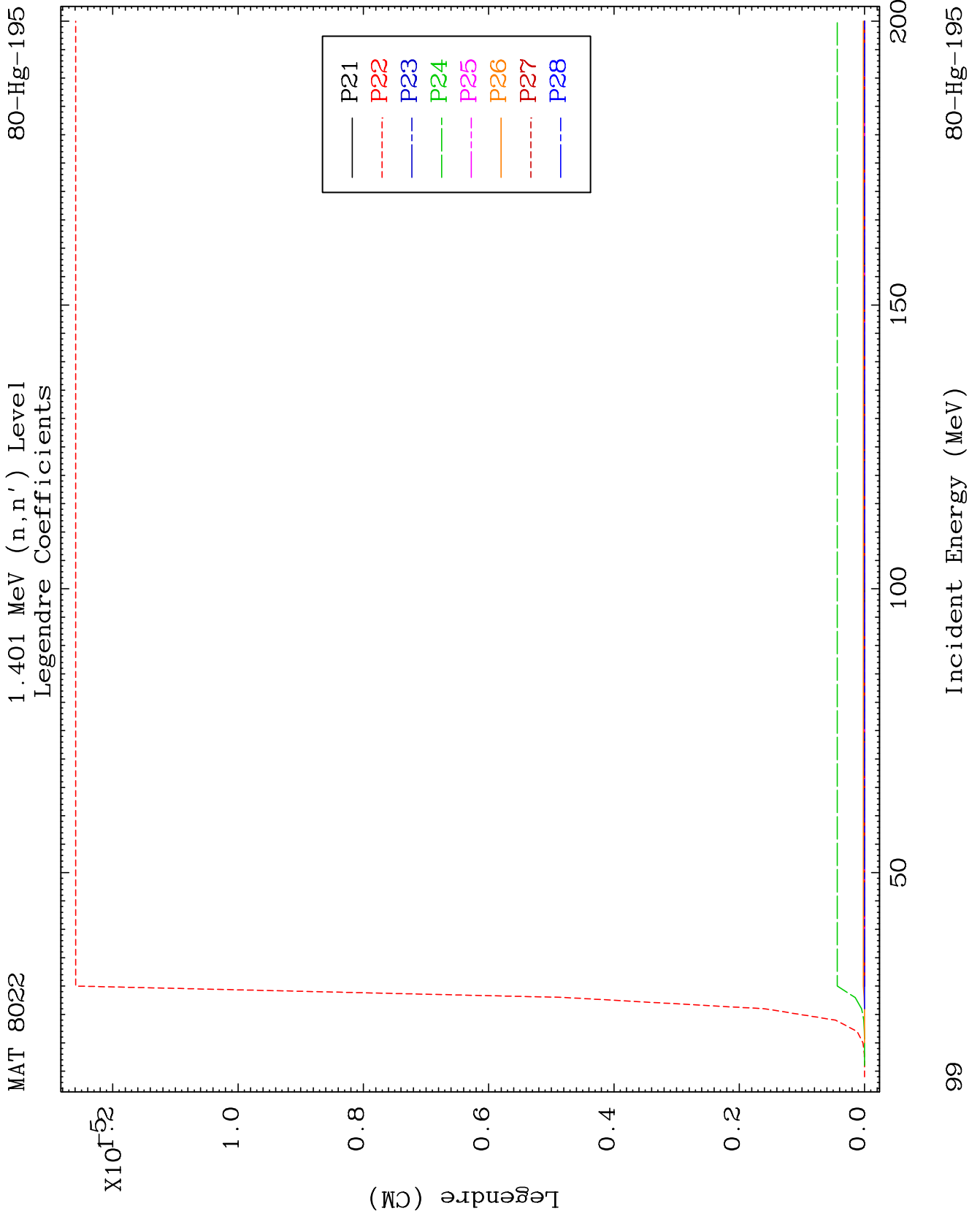
95

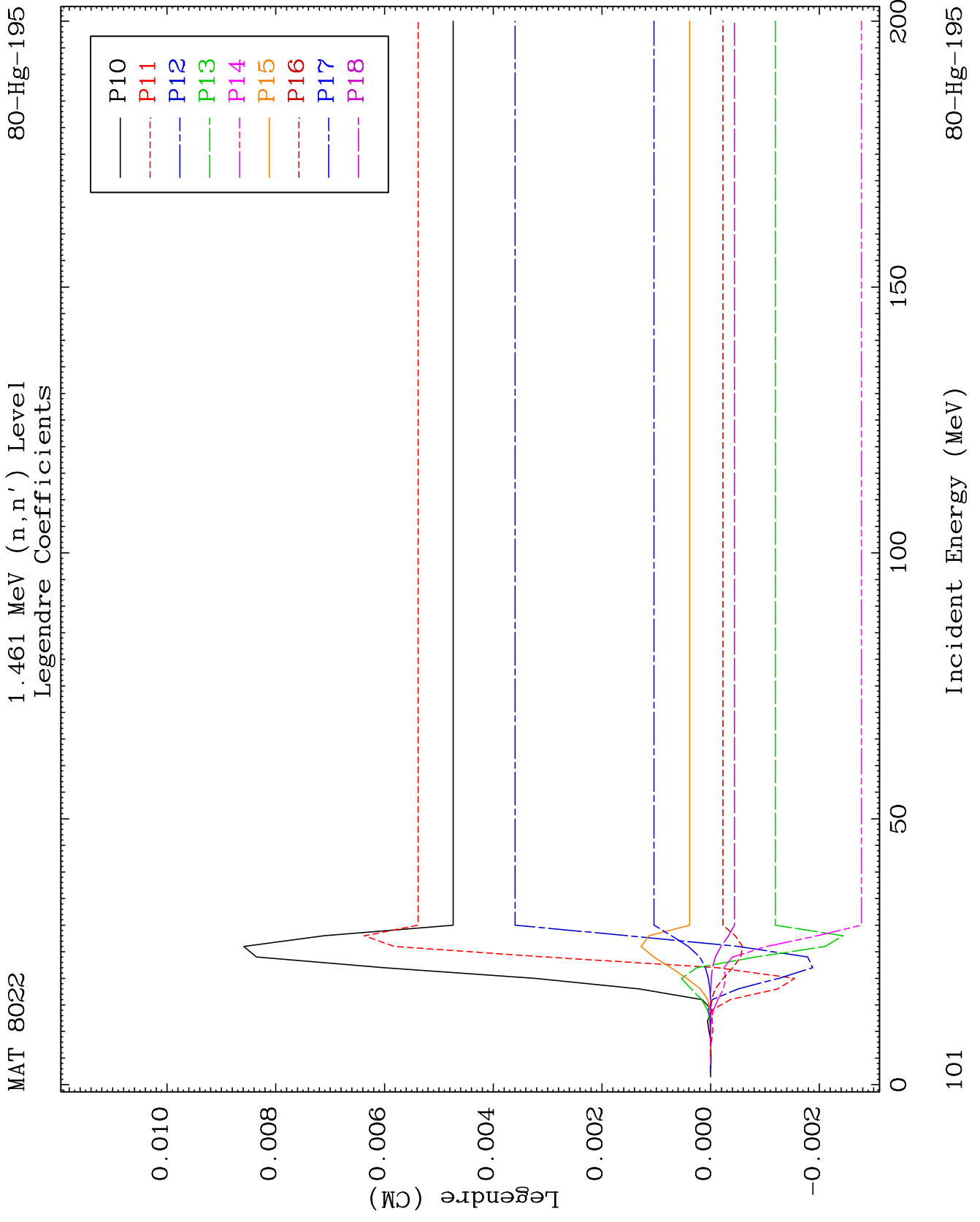
Incident Energy (MeV)

80-Hg-195





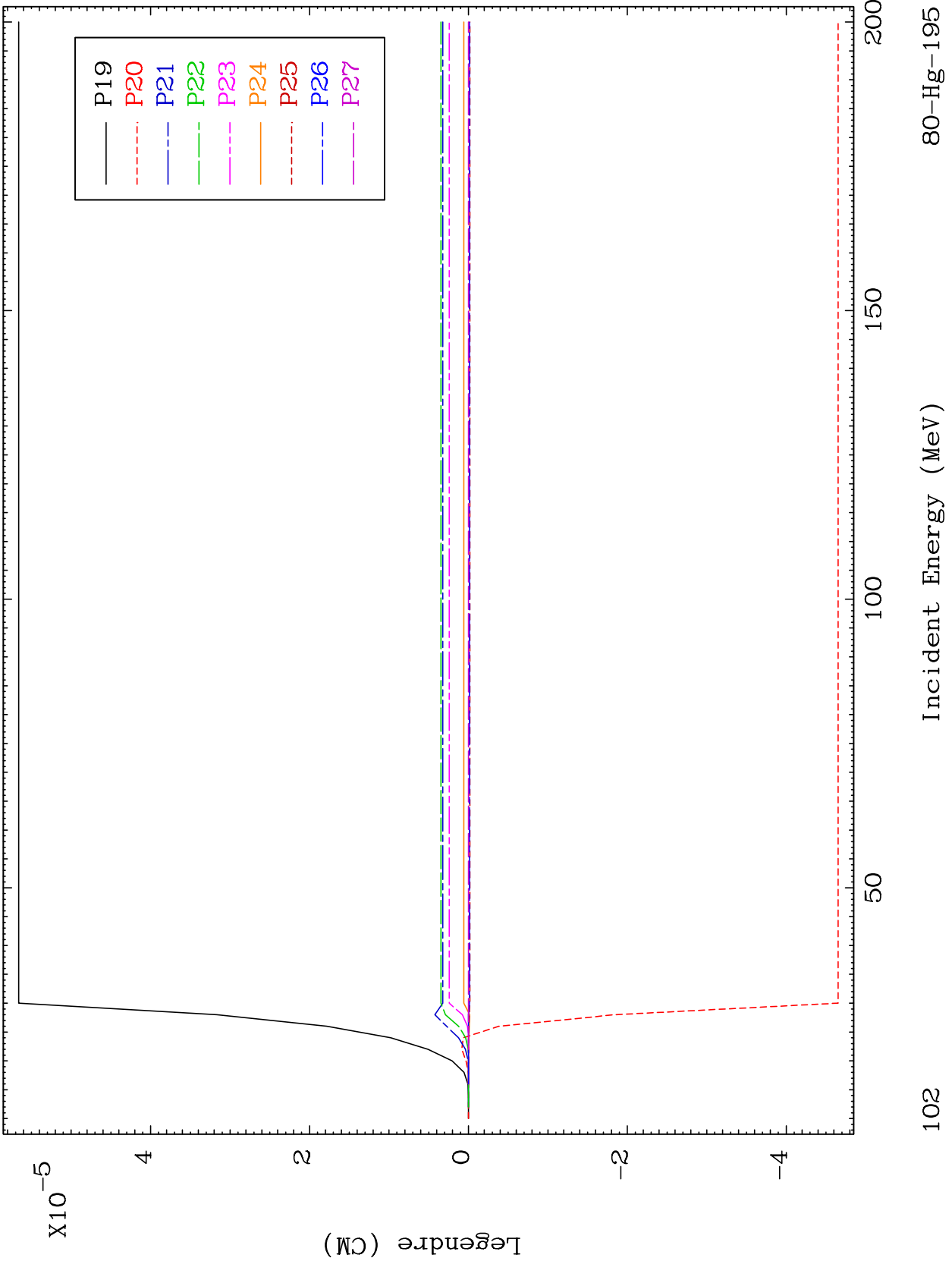


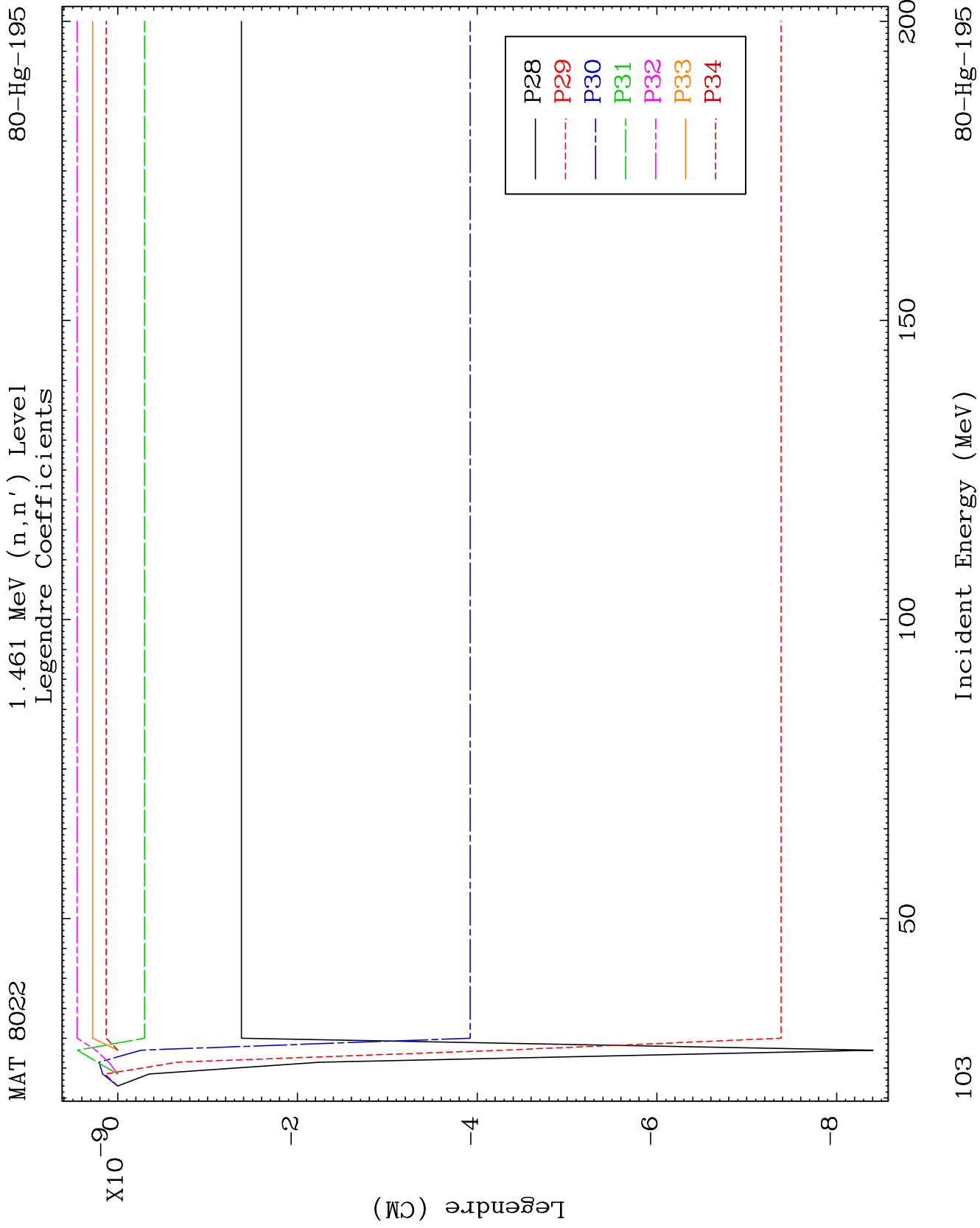


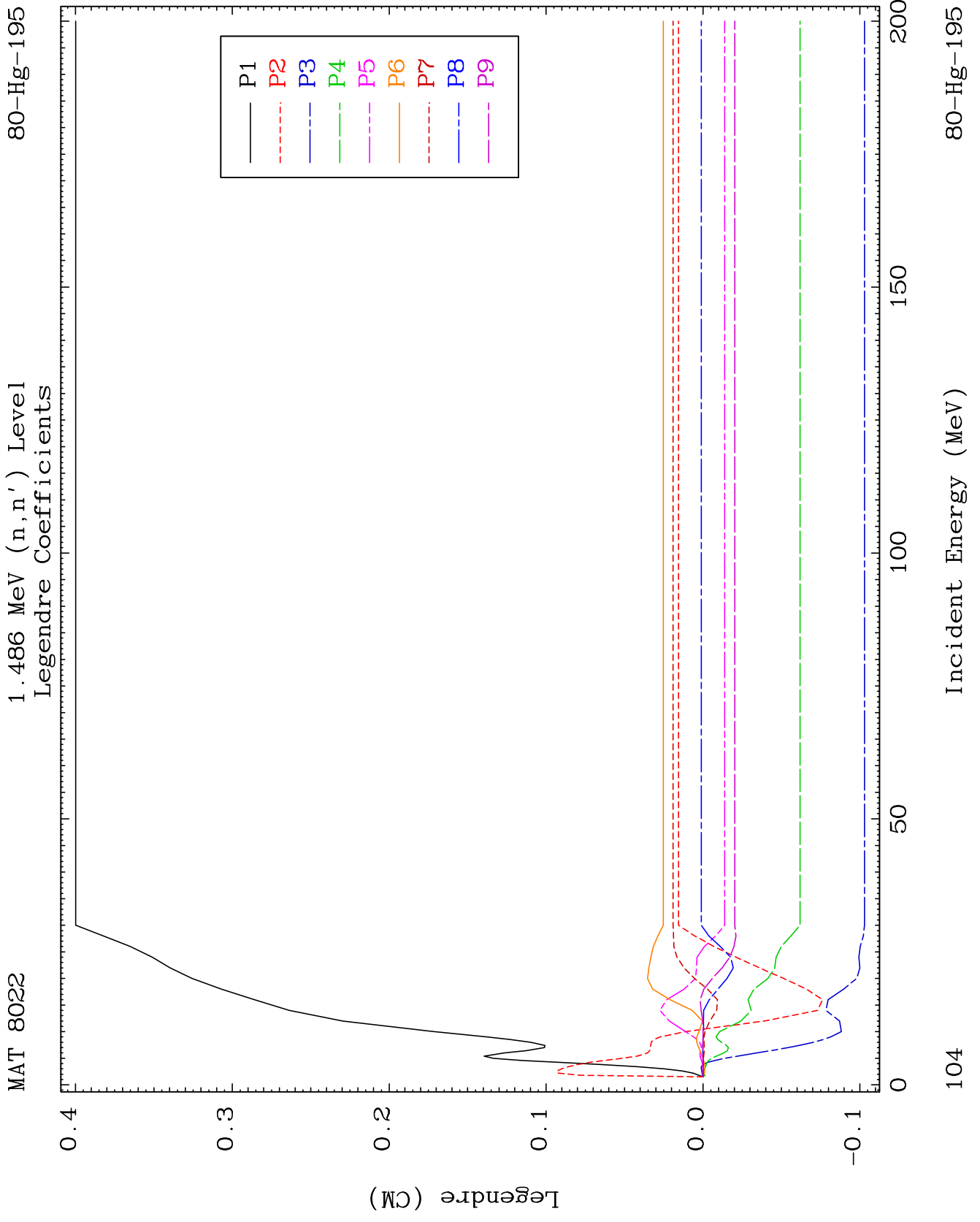
MAT 8022

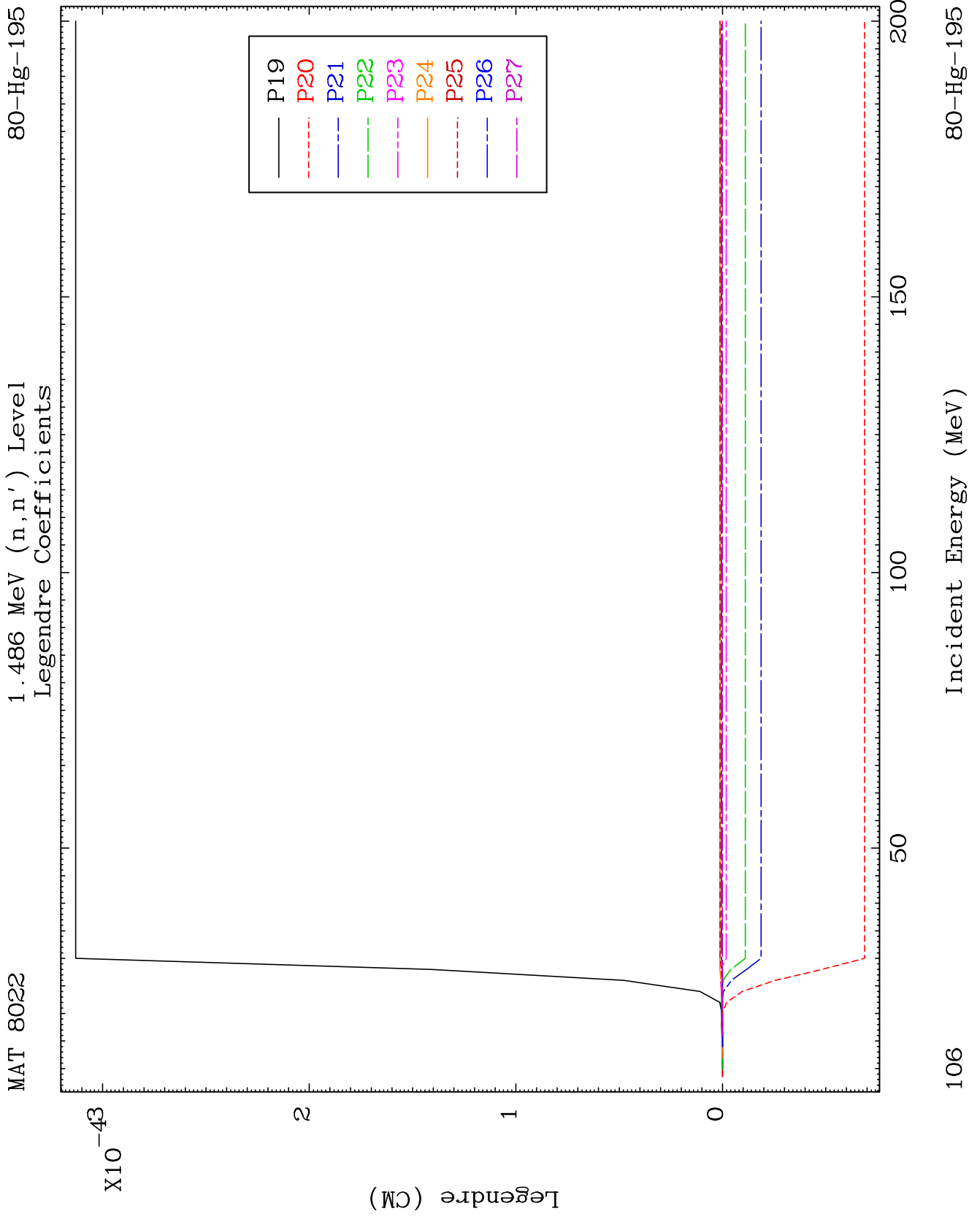
1.461 MeV (n,n') Level
Legendre Coefficients

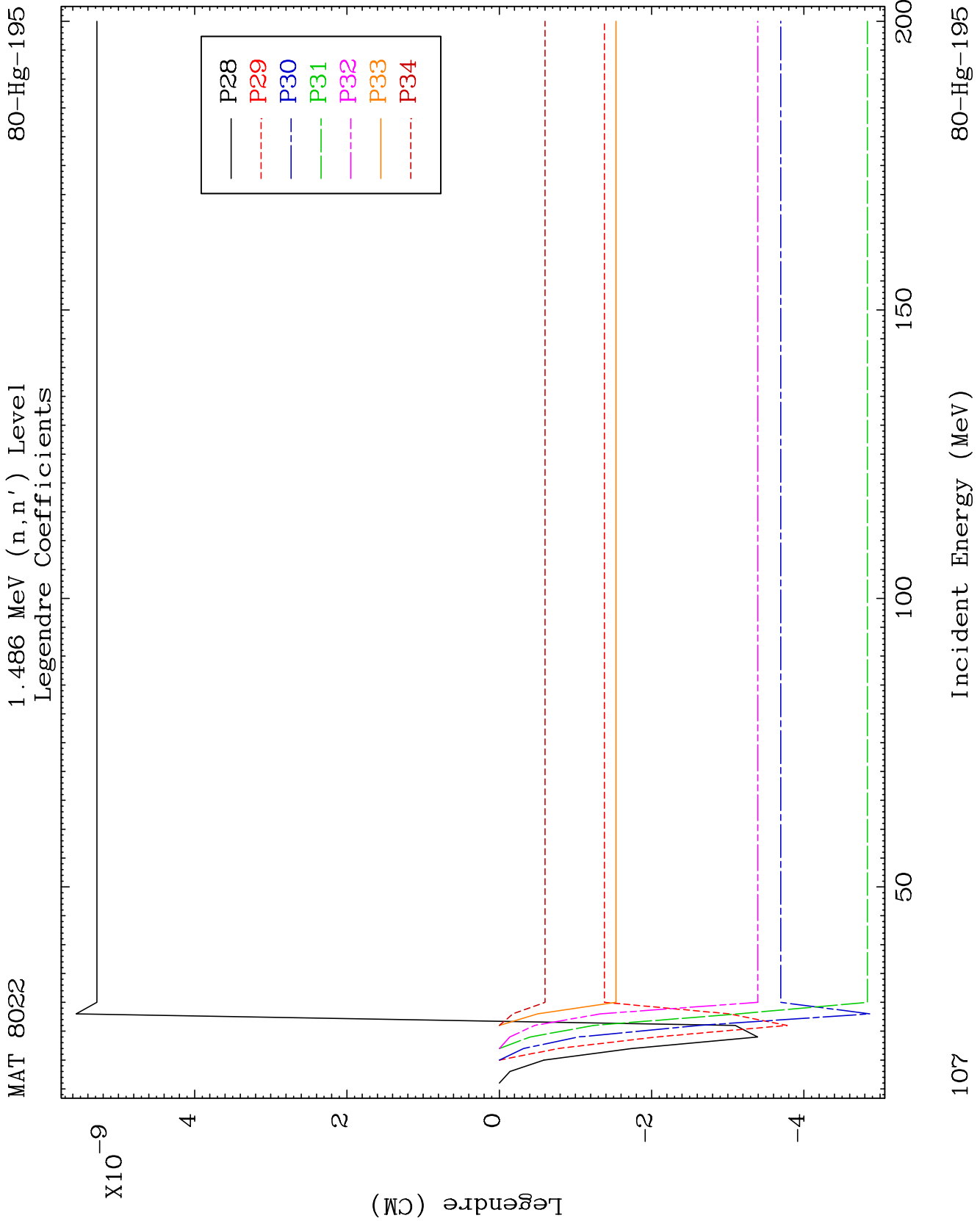
80-Hg-195

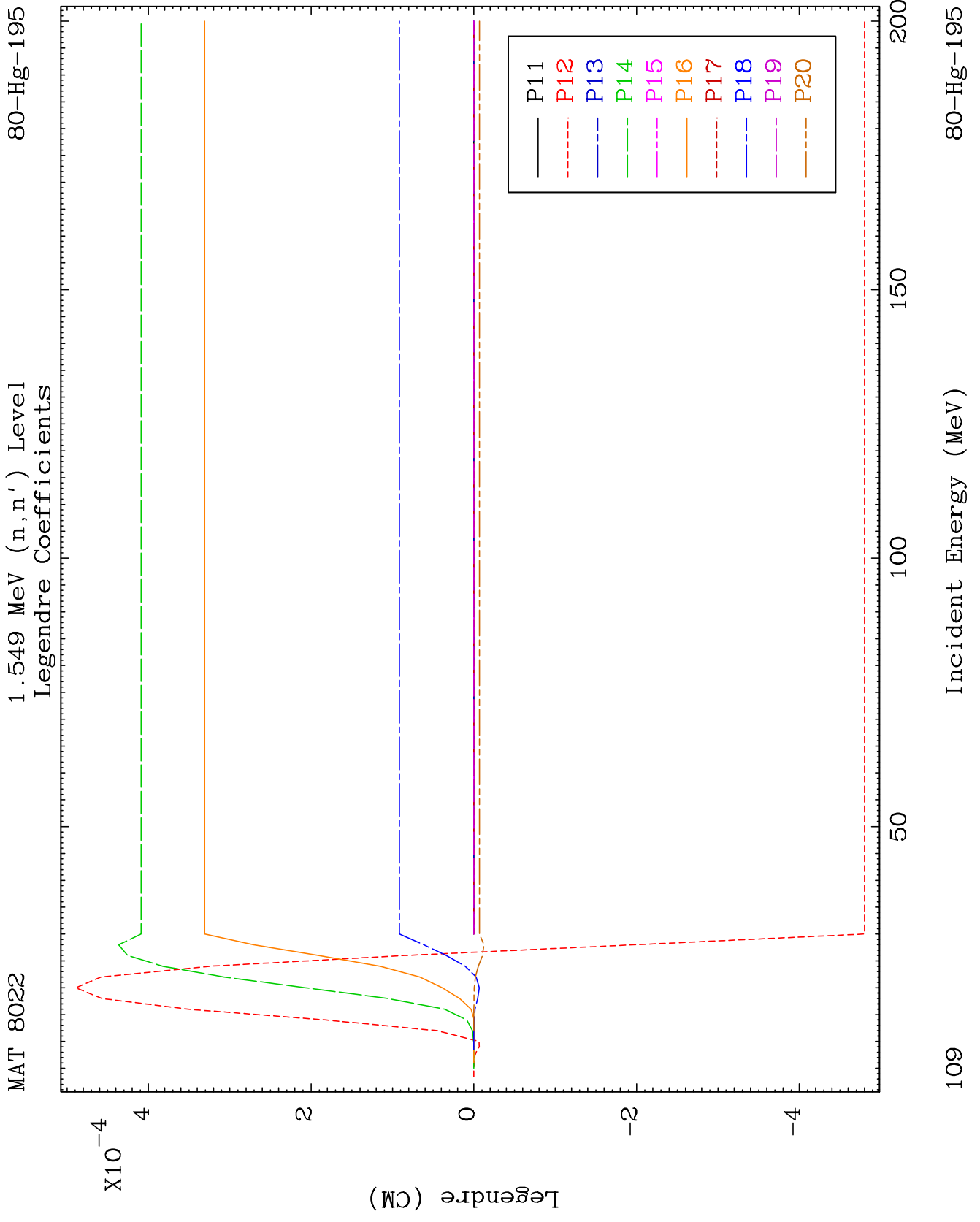








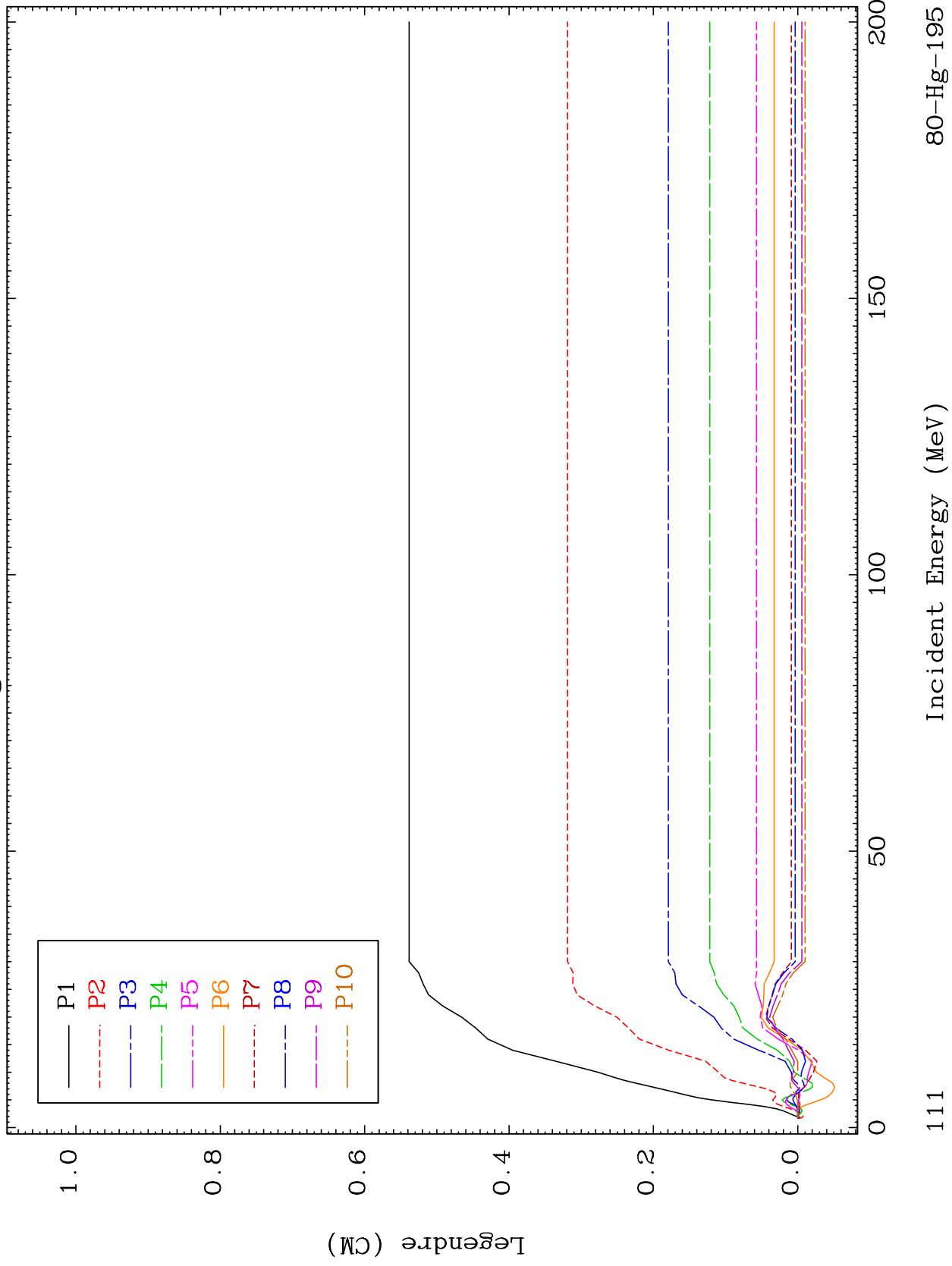




MAT 8022

1.664 MeV (n,n') Level
Legendre Coefficients

80-Hg-195



111

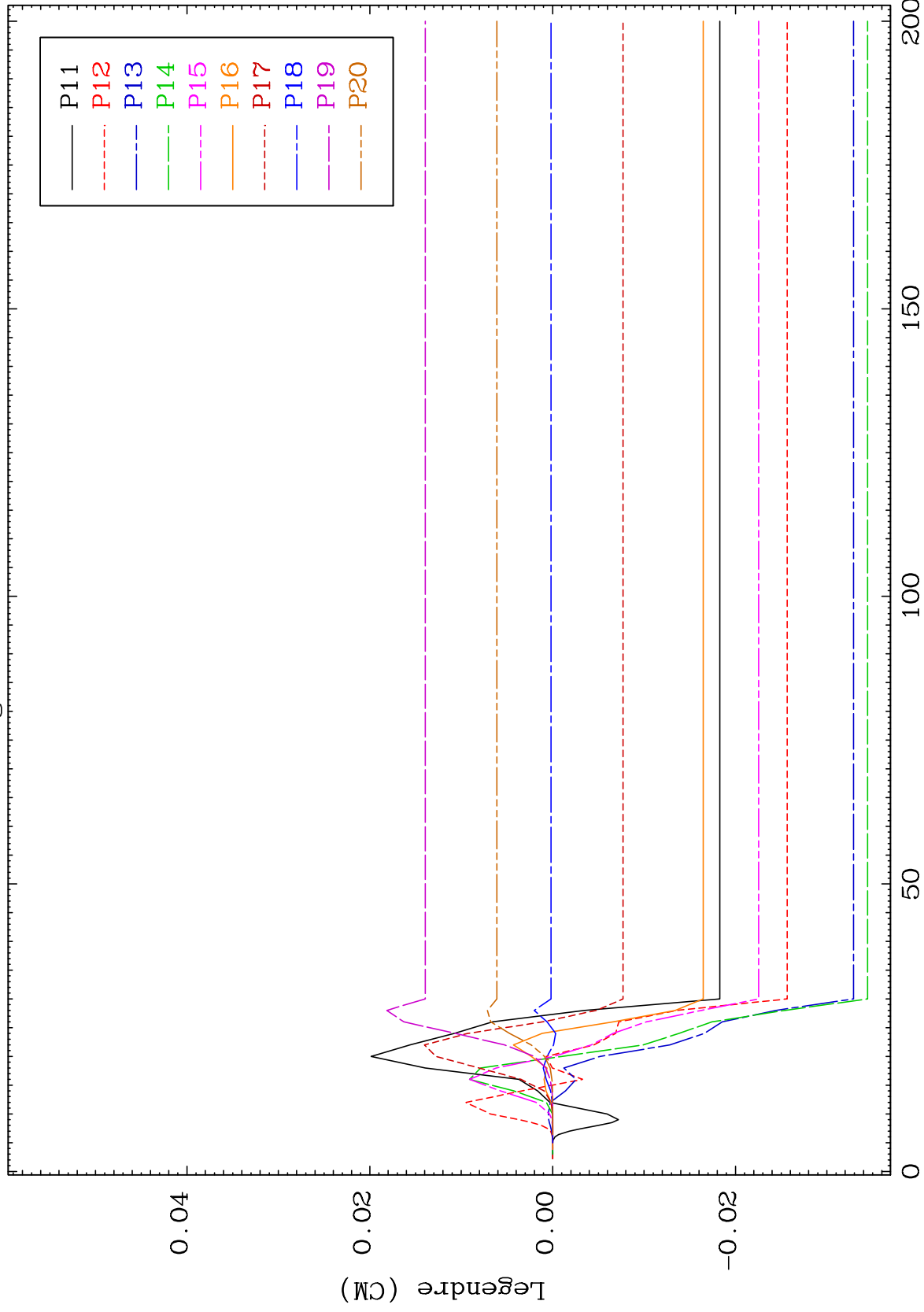
Incident Energy (MeV)

80-Hg-195

MAT 8022

1.664 MeV (n,n') Level
Legendre Coefficients

80-Hg-195



112

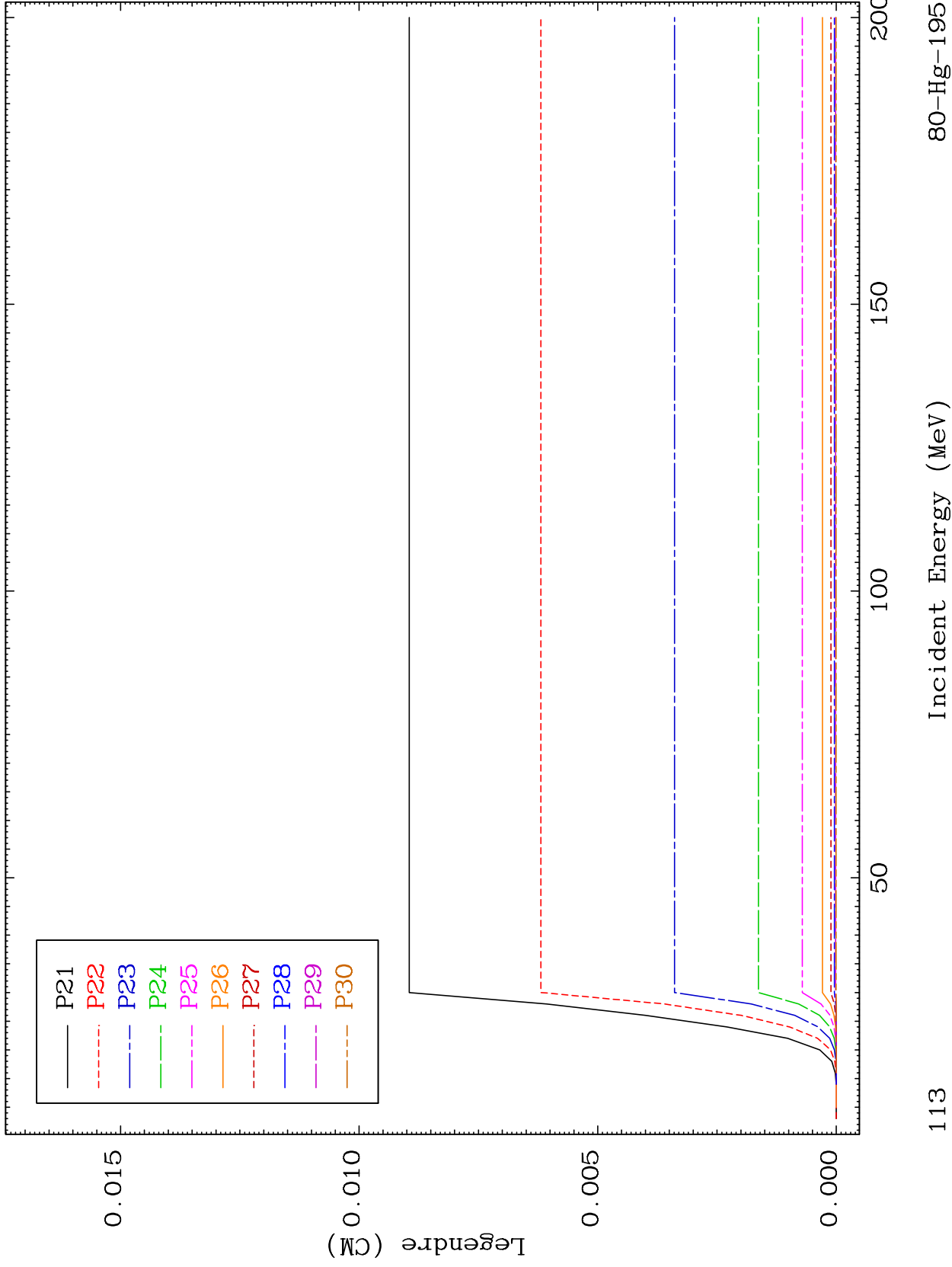
Incident Energy (MeV)

80-Hg-195

MAT 8022

1.664 MeV (n,n') Level
Legendre Coefficients

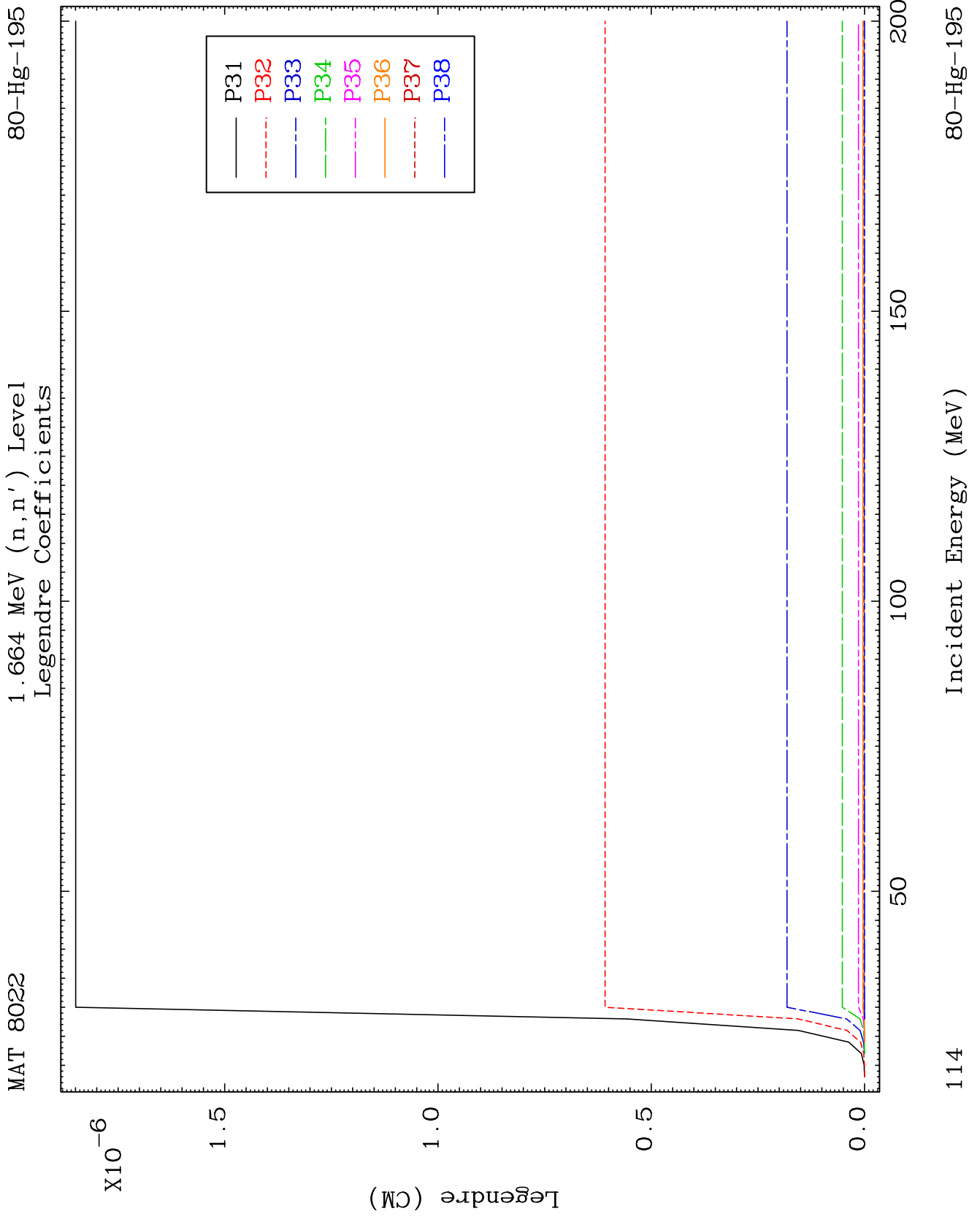
80-Hg-195



113

Incident Energy (MeV)

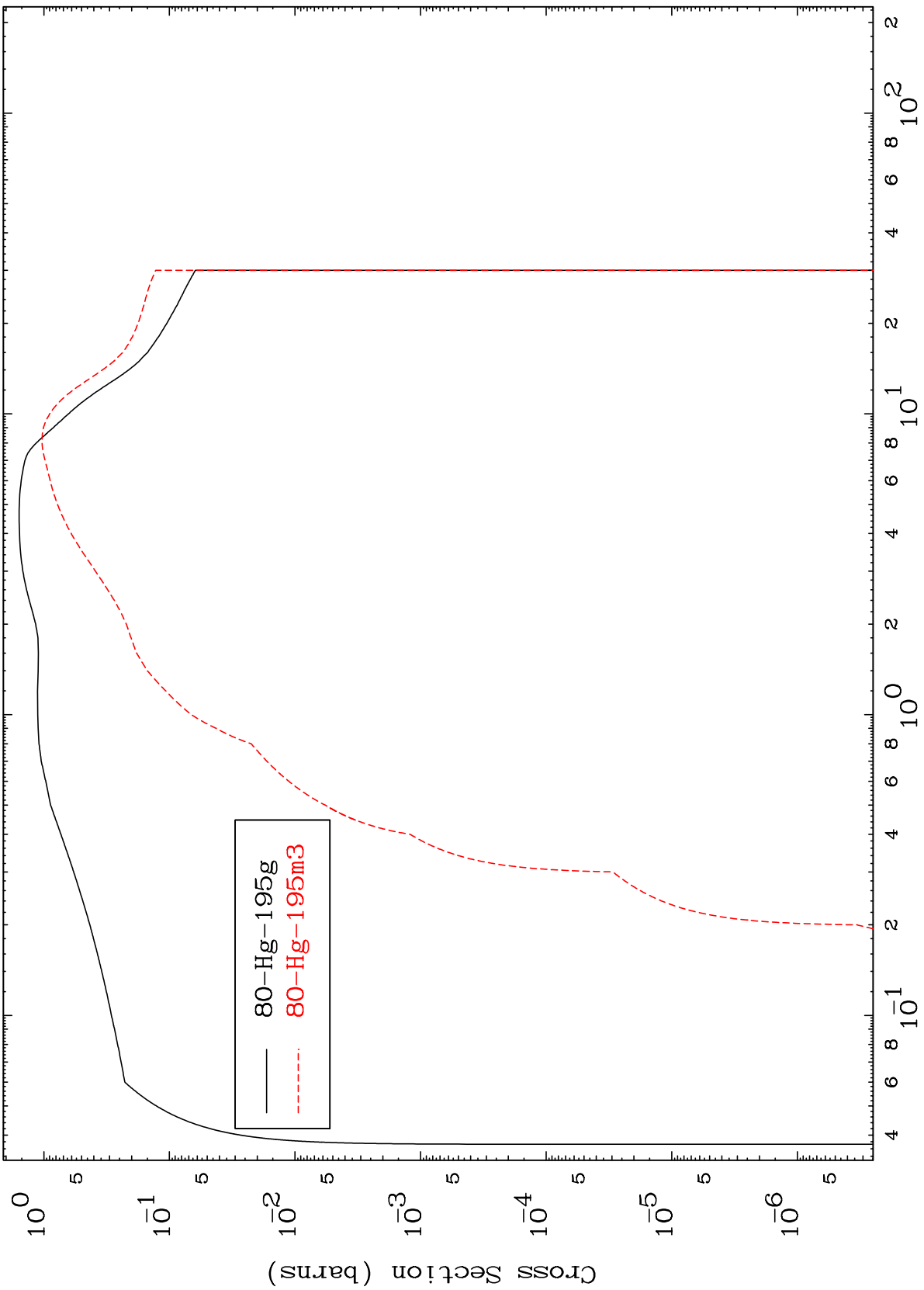
80-Hg-195



MAT 8022

80-Hg-195

Inelastic
Radionuclide Production Cross Section



80-Hg-195g
80-Hg-195m3

80-Hg-195

Incident Energy (MeV)

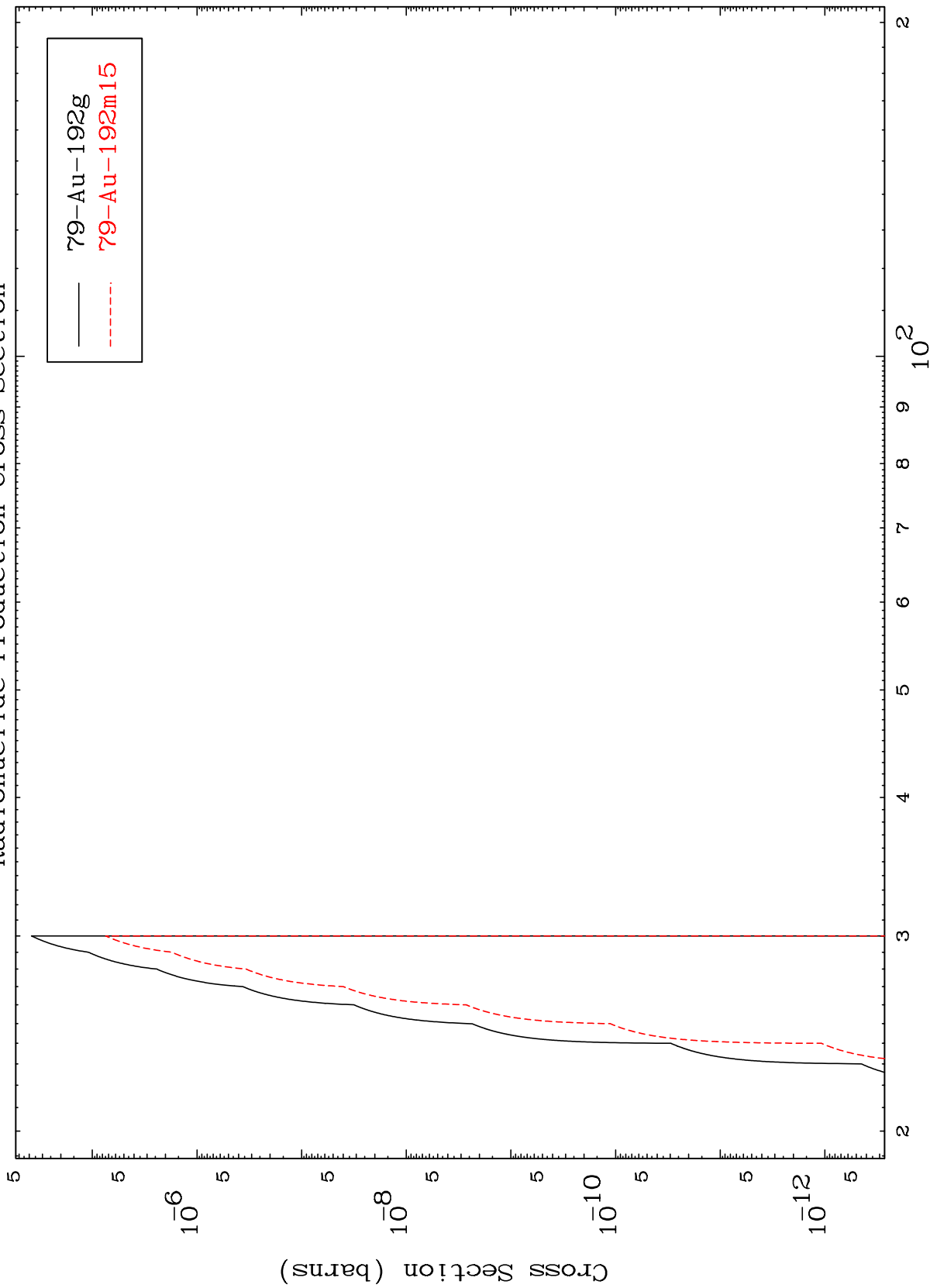
115

MAT 8022

(n,2n) d

80-Hg-195

Radionuclide Production Cross Section



116

Incident Energy (MeV)

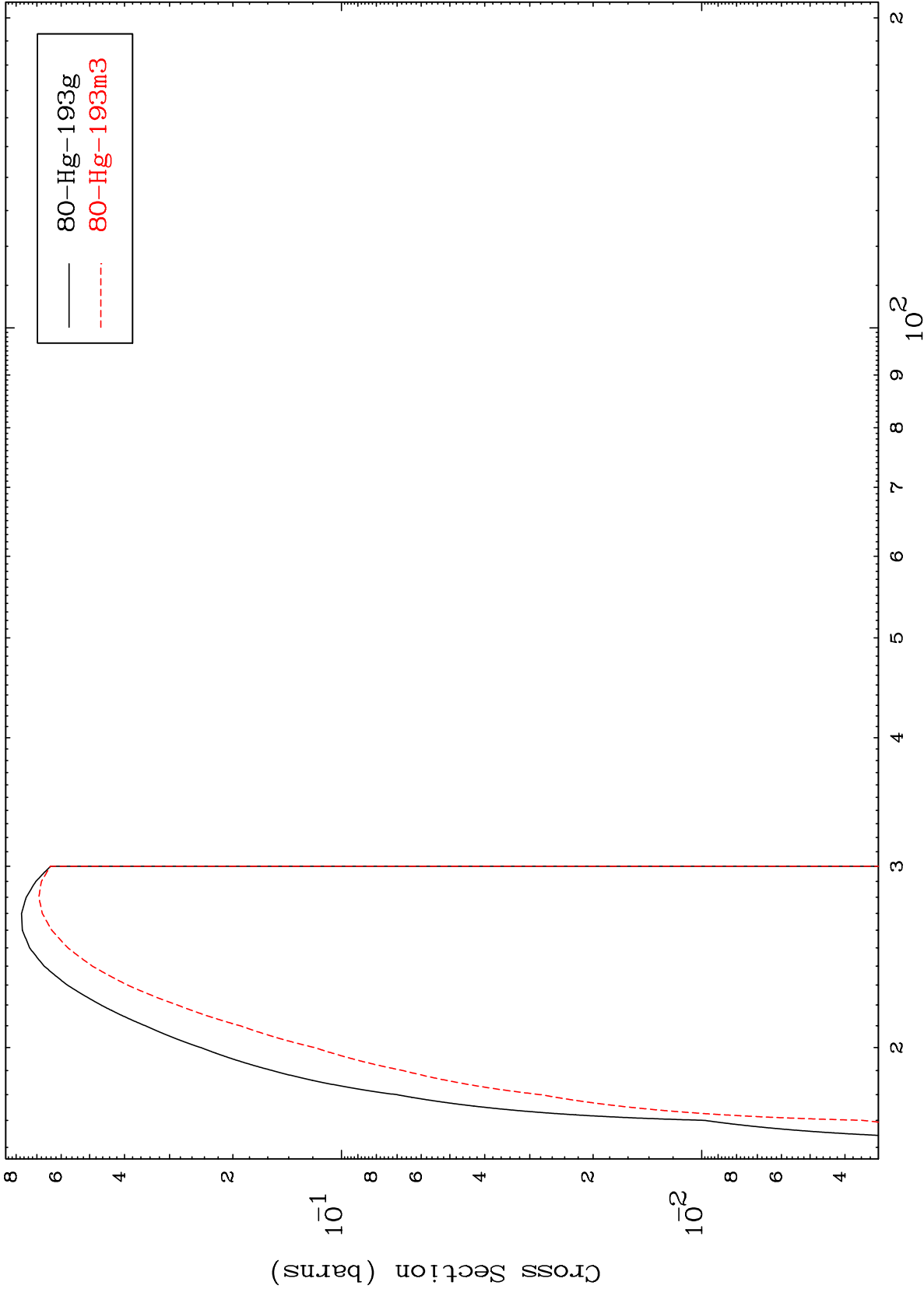
80-Hg-195

MAT 8022

(n,3n)

80-Hg-195

Radionuclide Production Cross Section



117

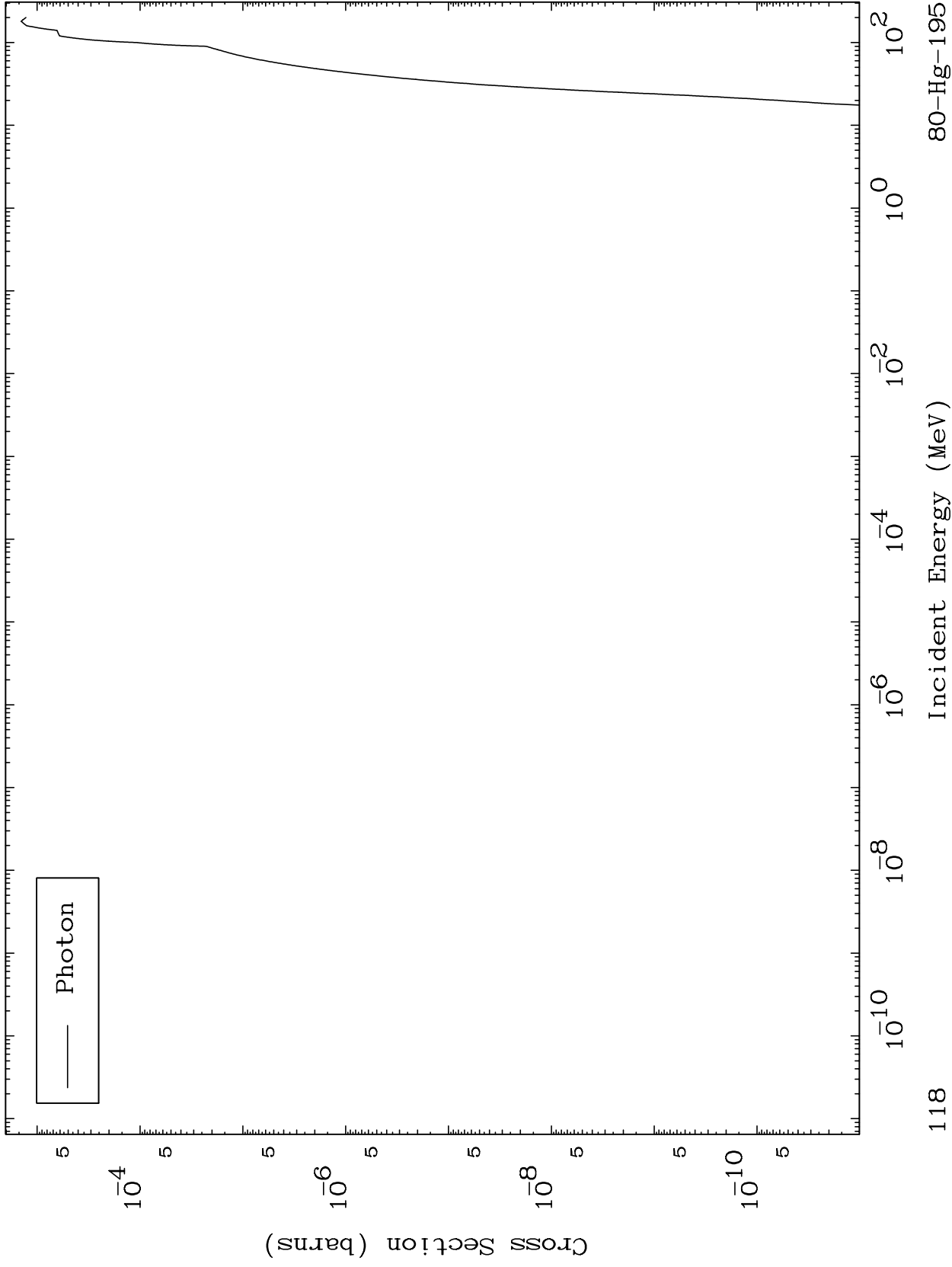
Incident Energy (MeV)

80-Hg-195

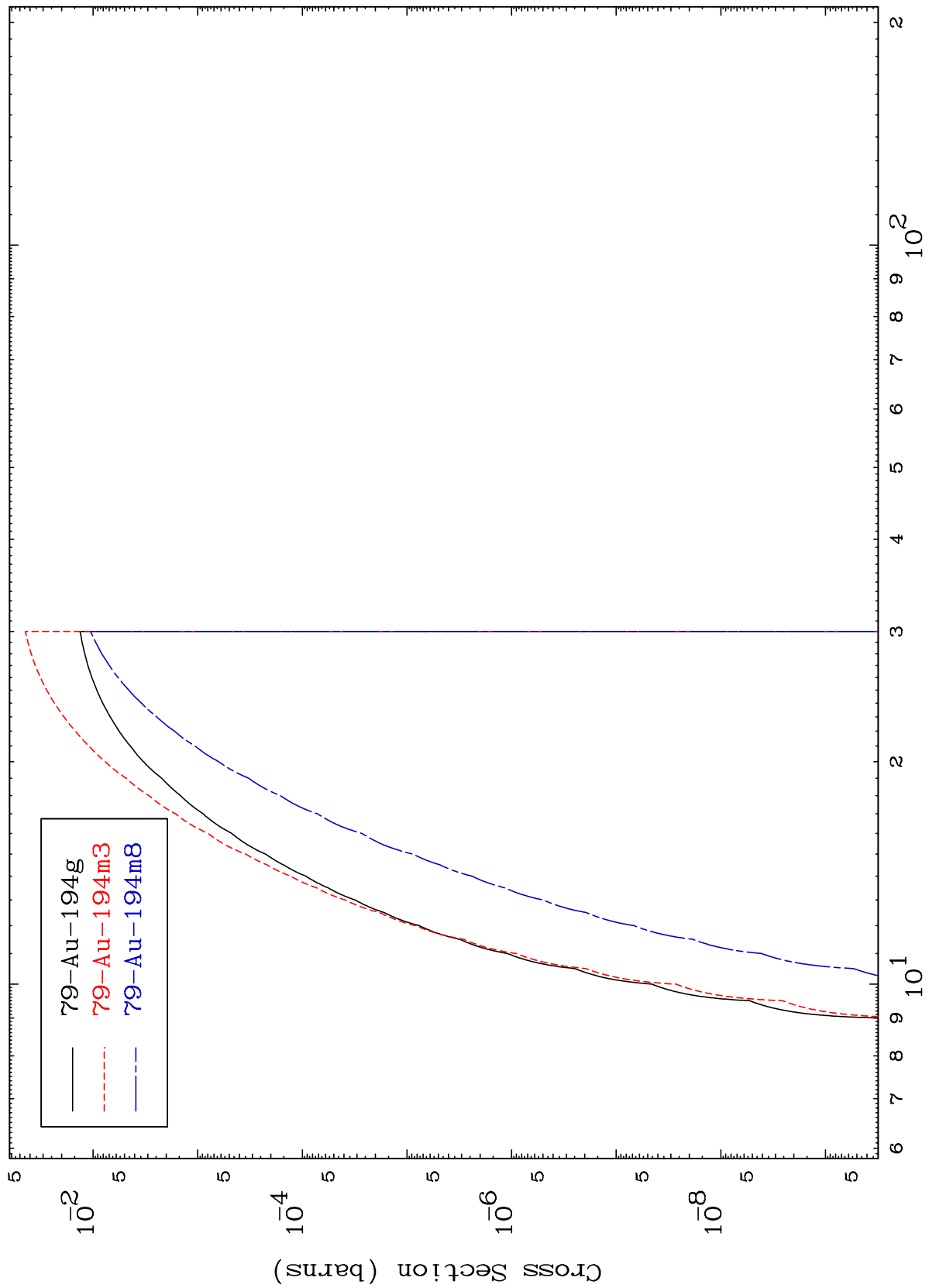
MAT 8022

Fission
Radionuclide Production Cross Section

80-Hg-195



(n,n') p
Radionuclide Production Cross Section

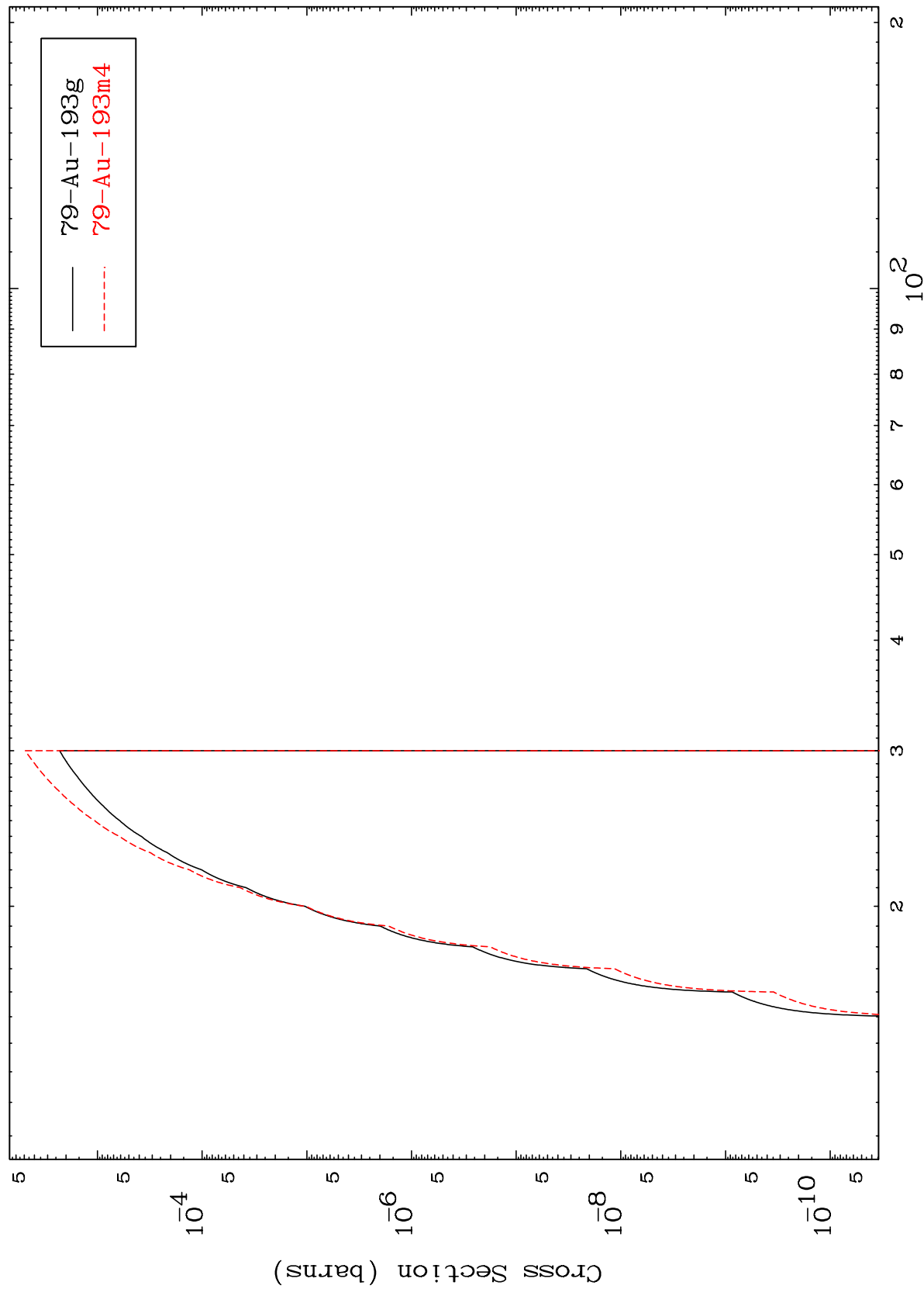


MAT 8022

(n,n') d

80-Hg-195

Radionuclide Production Cross Section



120

Incident Energy (MeV)

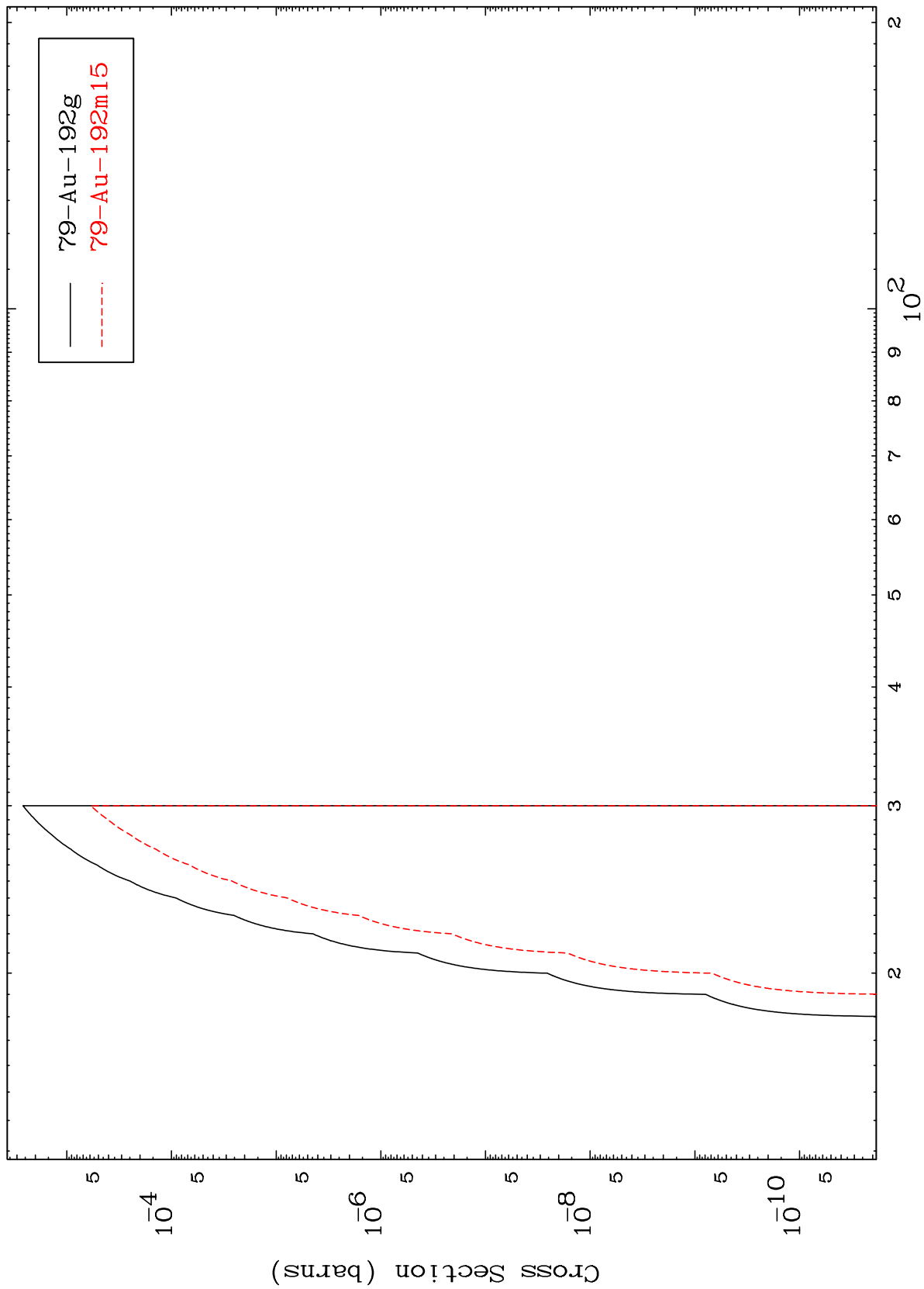
80-Hg-195

MAT 8022

(n,n') t

80-Hg-195

Radionuclide Production Cross Section



121

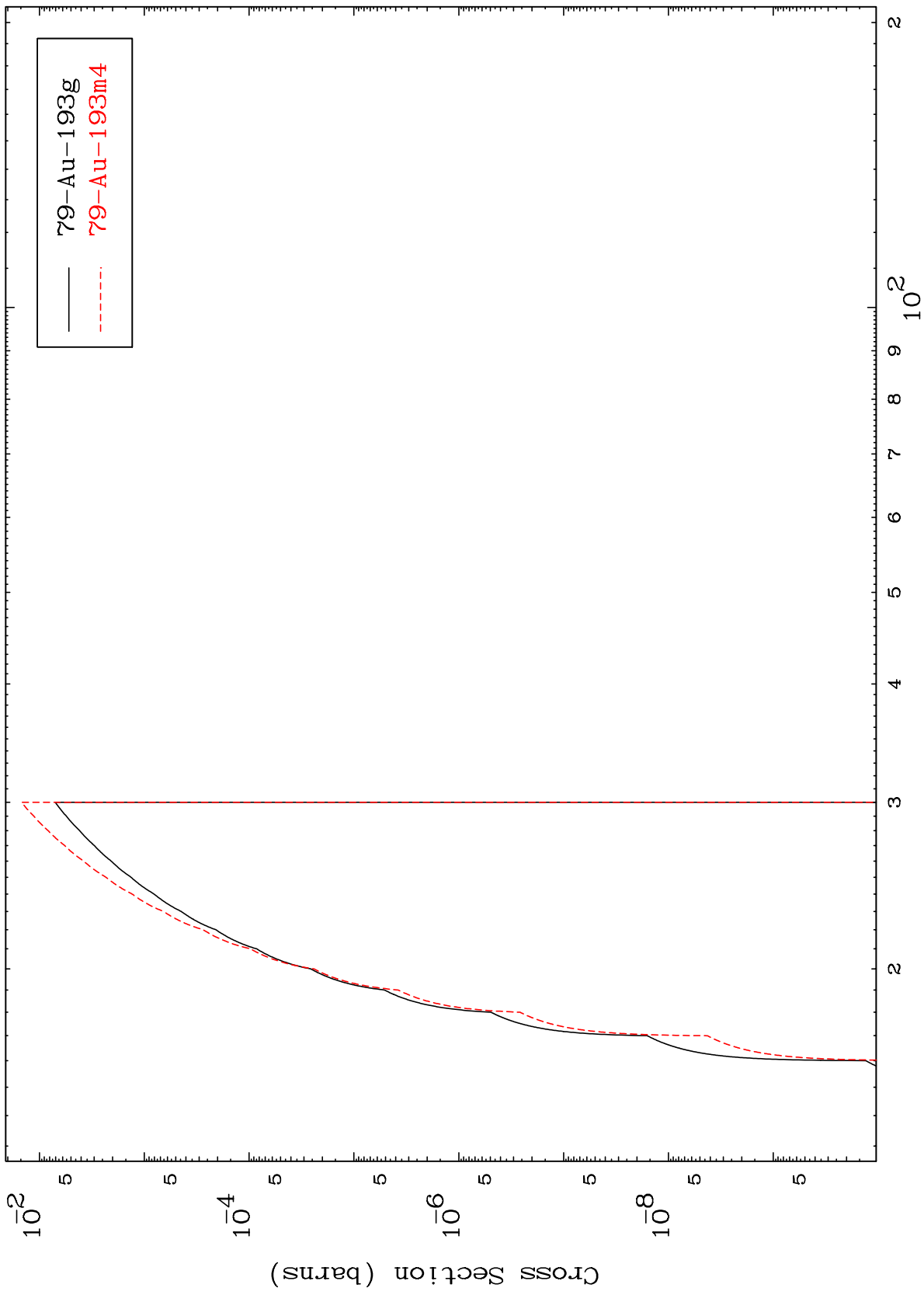
Incident Energy (MeV)

80-Hg-195

MAT 8022

80-Hg-195

(n,2n) p
Radionuclide Production Cross Section



80-Hg-195

Incident Energy (MeV)

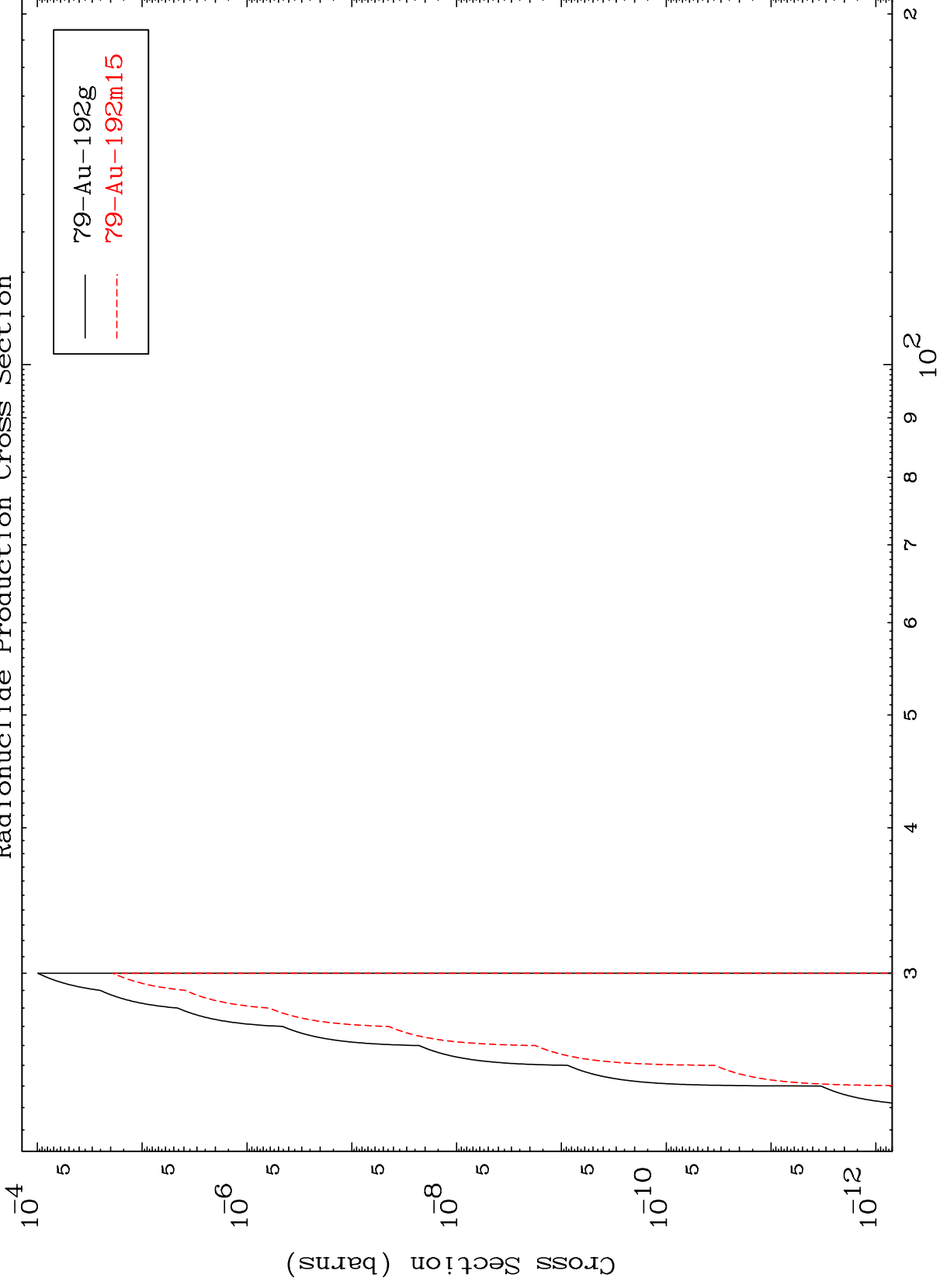
122

MAT 8022

(n,3n) p

80-Hg-195

Radionuclide Production Cross Section



123

Incident Energy (MeV)

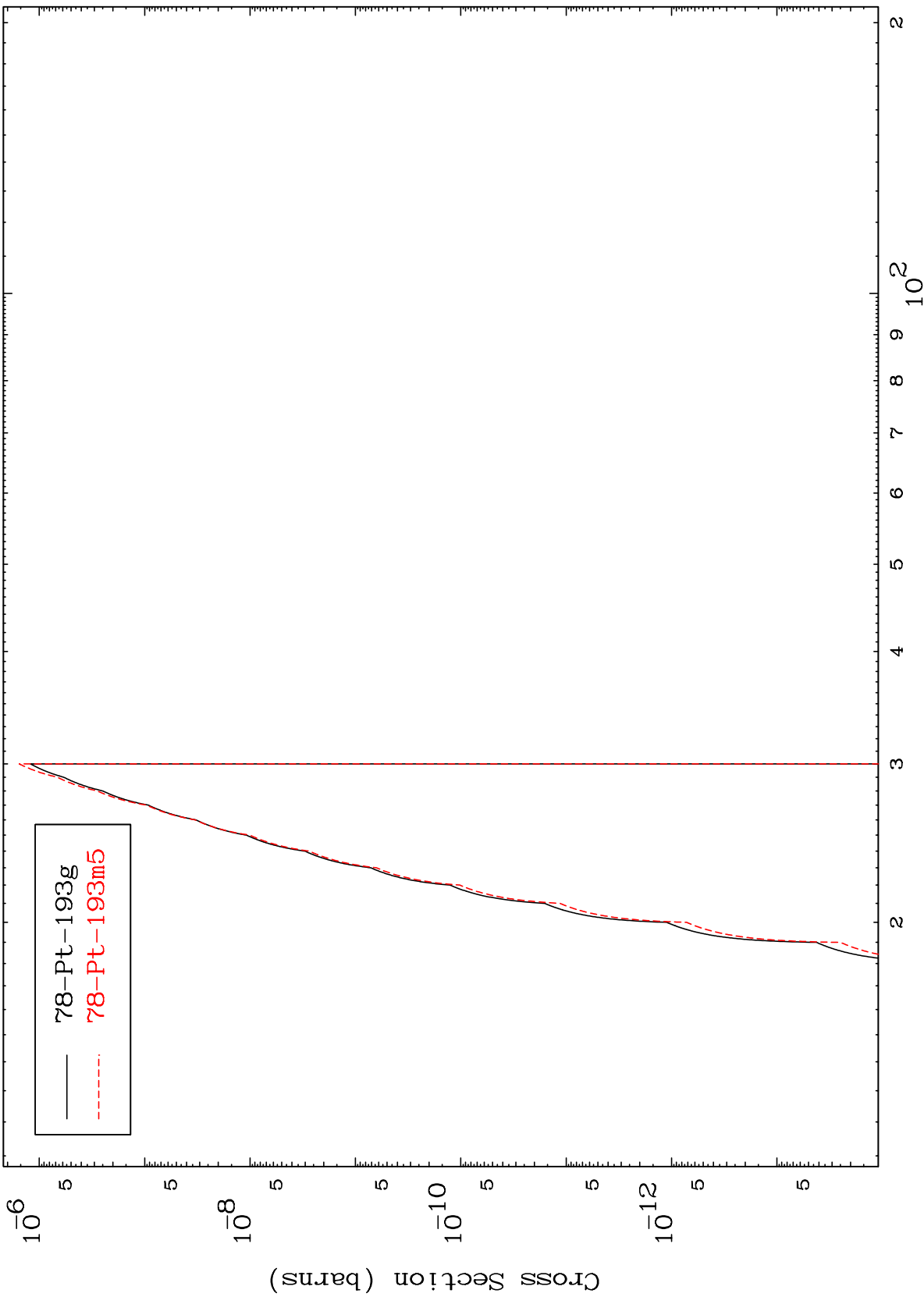
80-Hg-195

MAT 8022

(n,2n) p

80-Hg-195

Radionuclide Production Cross Section



124

Incident Energy (MeV)

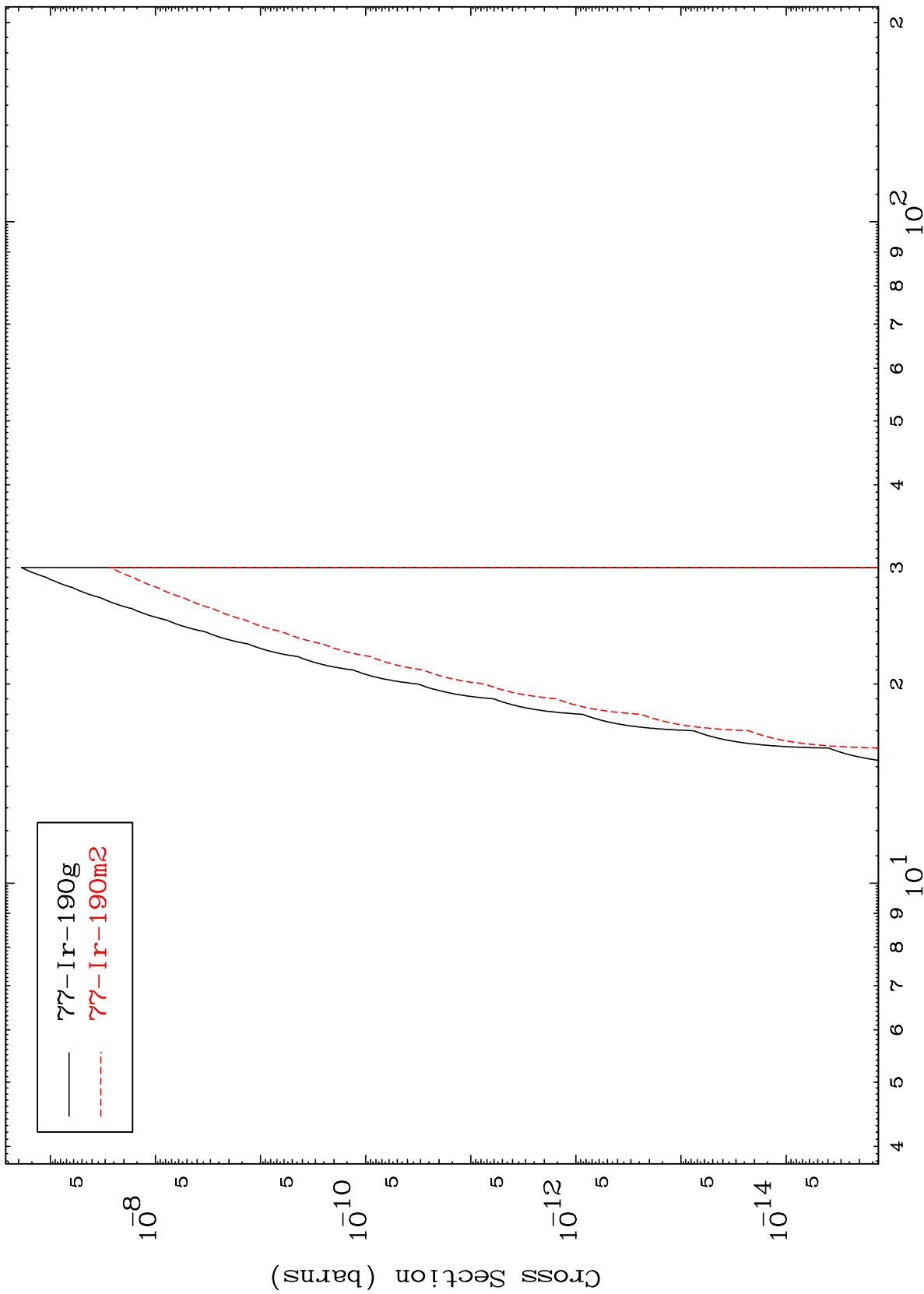
80-Hg-195

MAT 8022

(n,n') p α

80-Hg-195

Radionuclide Production Cross Section



125

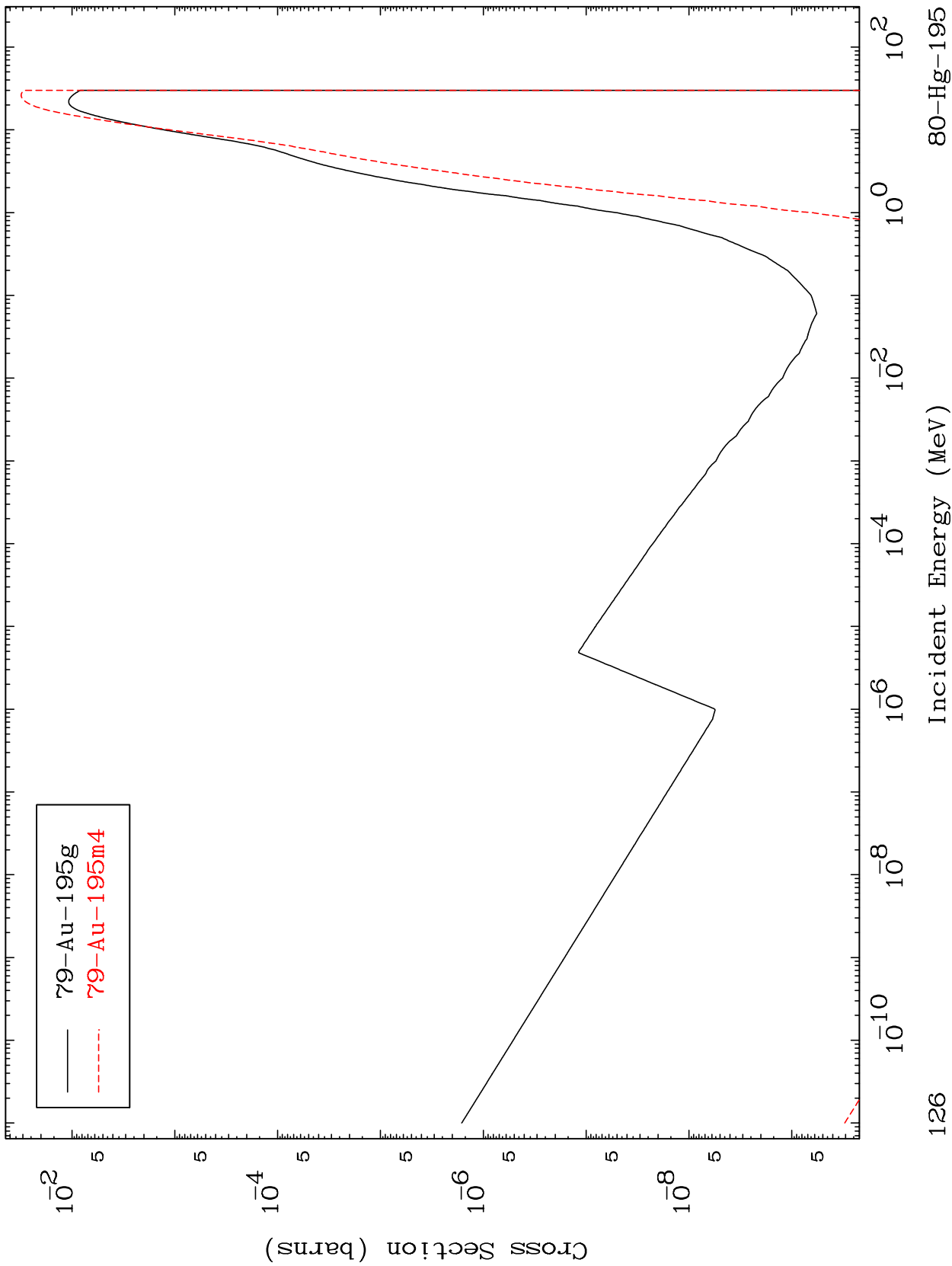
Incident Energy (MeV)

80-Hg-195

MAT 8022

80-Hg-195

(n,p)
Radionuclide Production Cross Section

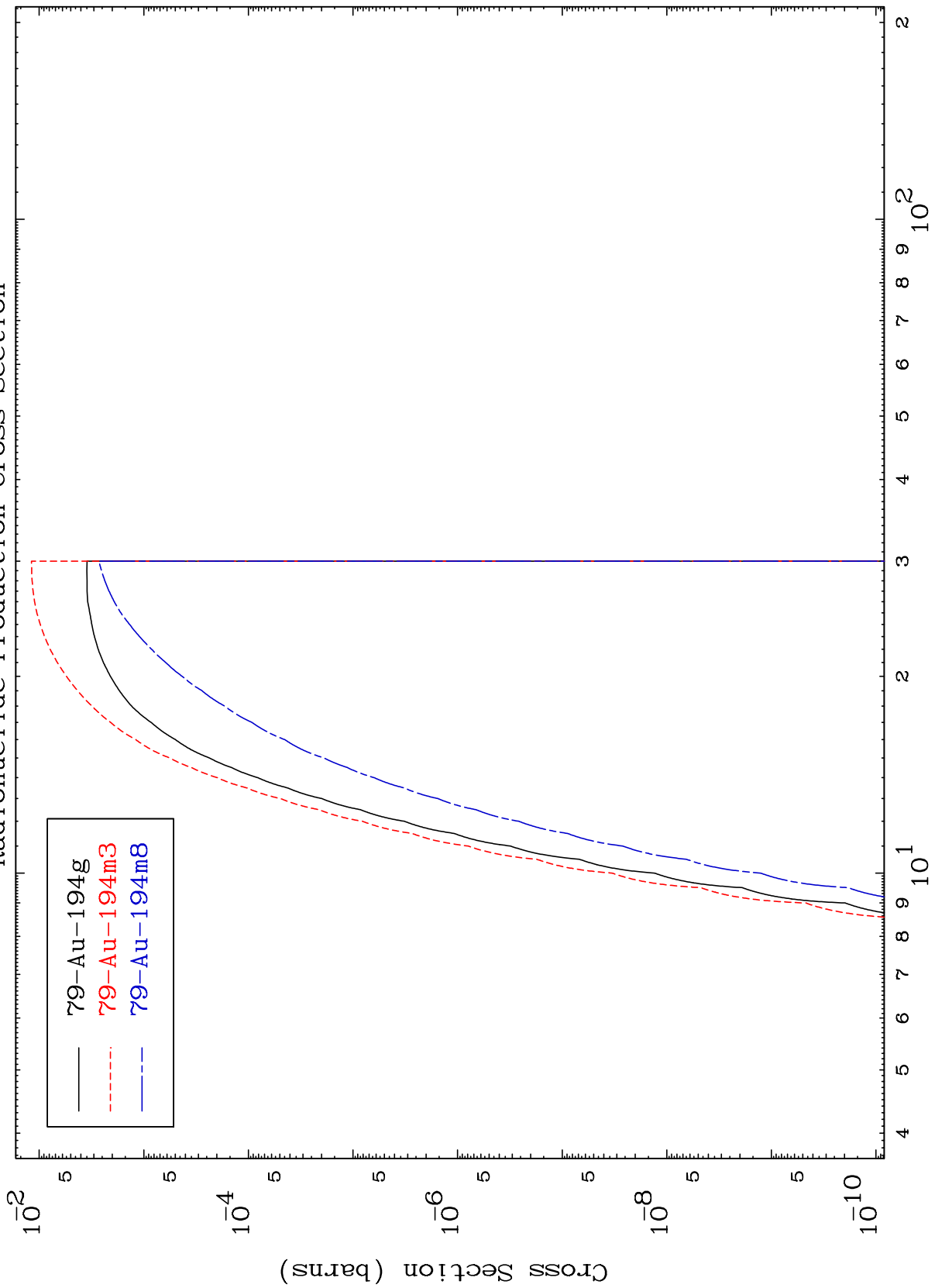


126

MAT 8022

80-Hg-195

(n,d)
Radionuclide Production Cross Section

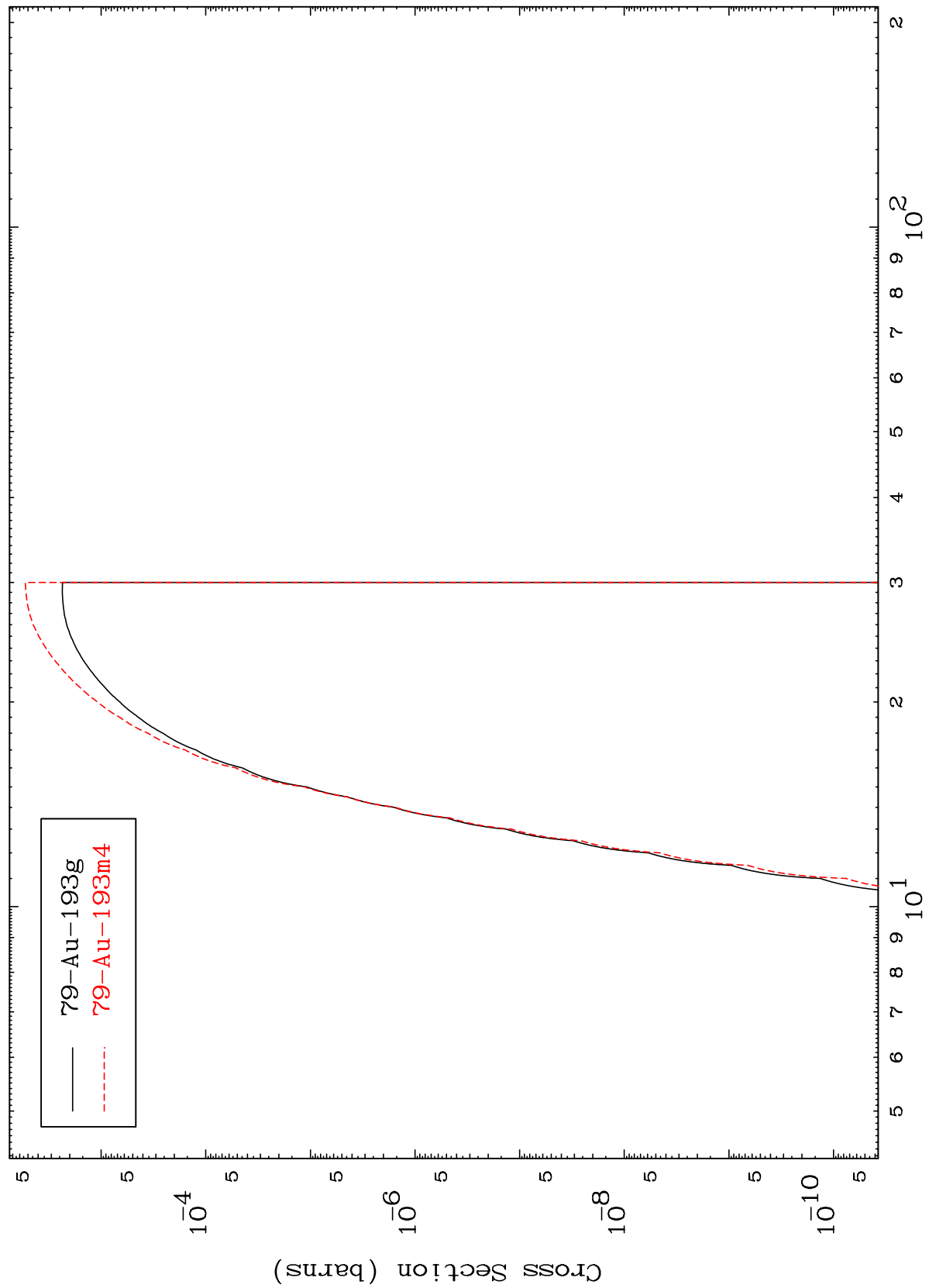


127

Incident Energy (MeV)

80-Hg-195

(n, t)
Radionuclide Production Cross Section

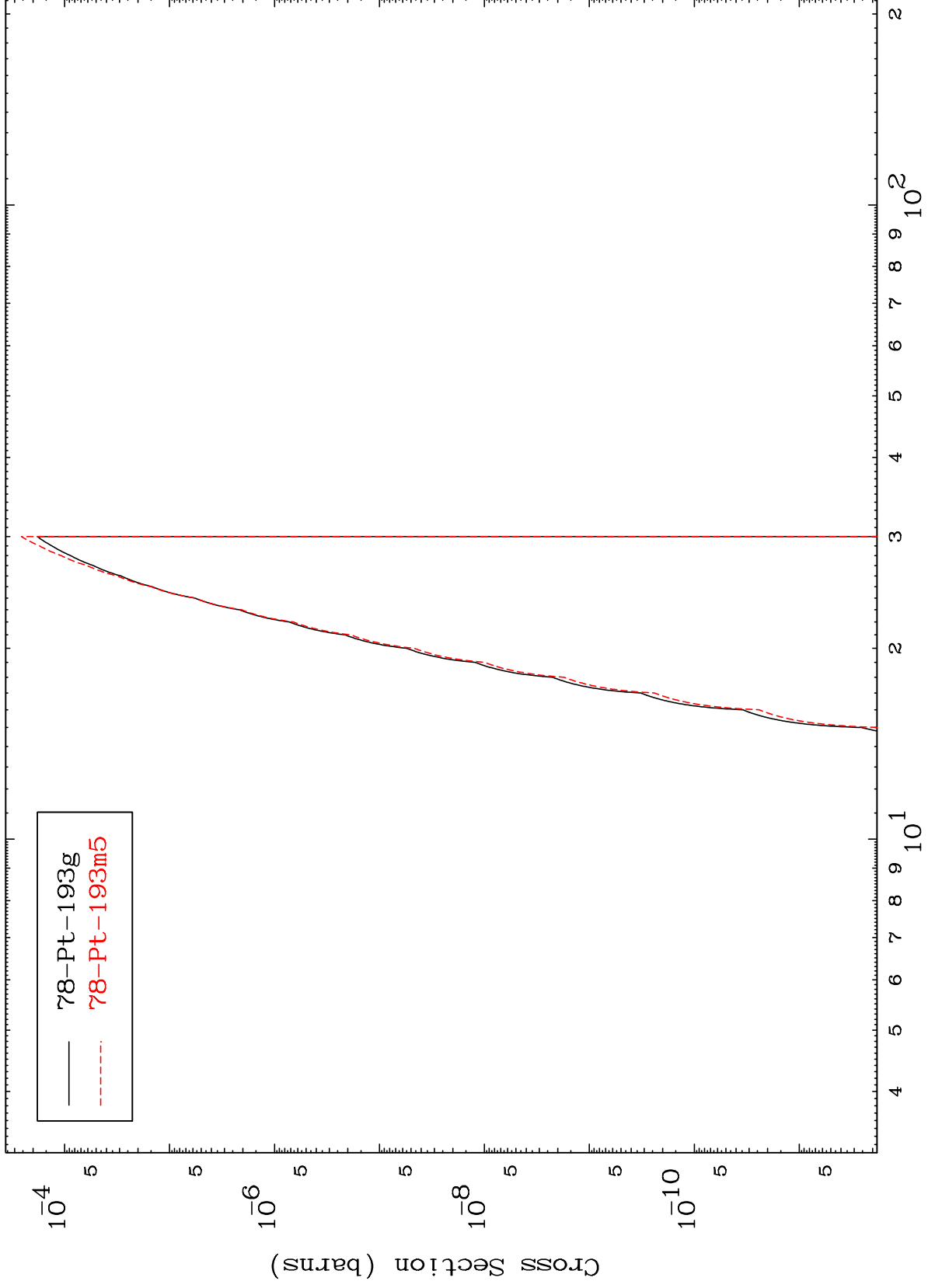


MAT 8022

(n,He-3)

80-Hg-195

Radionuclide Production Cross Section



78-Pt-193g
78-Pt-193m5

129

Incident Energy (MeV)

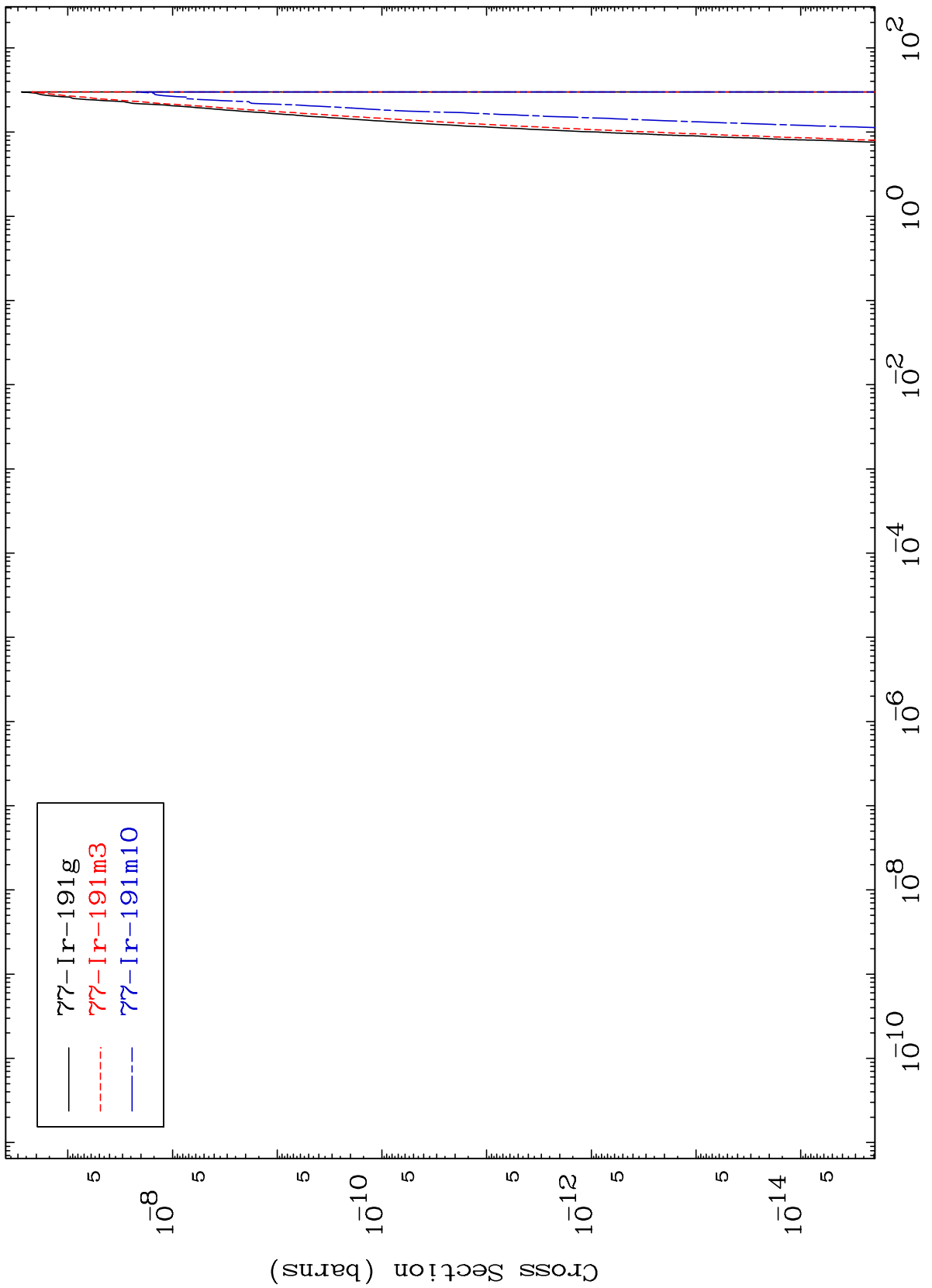
80-Hg-195

MAT 8022

(n,p) α

80-Hg-195

Radionuclide Production Cross Section

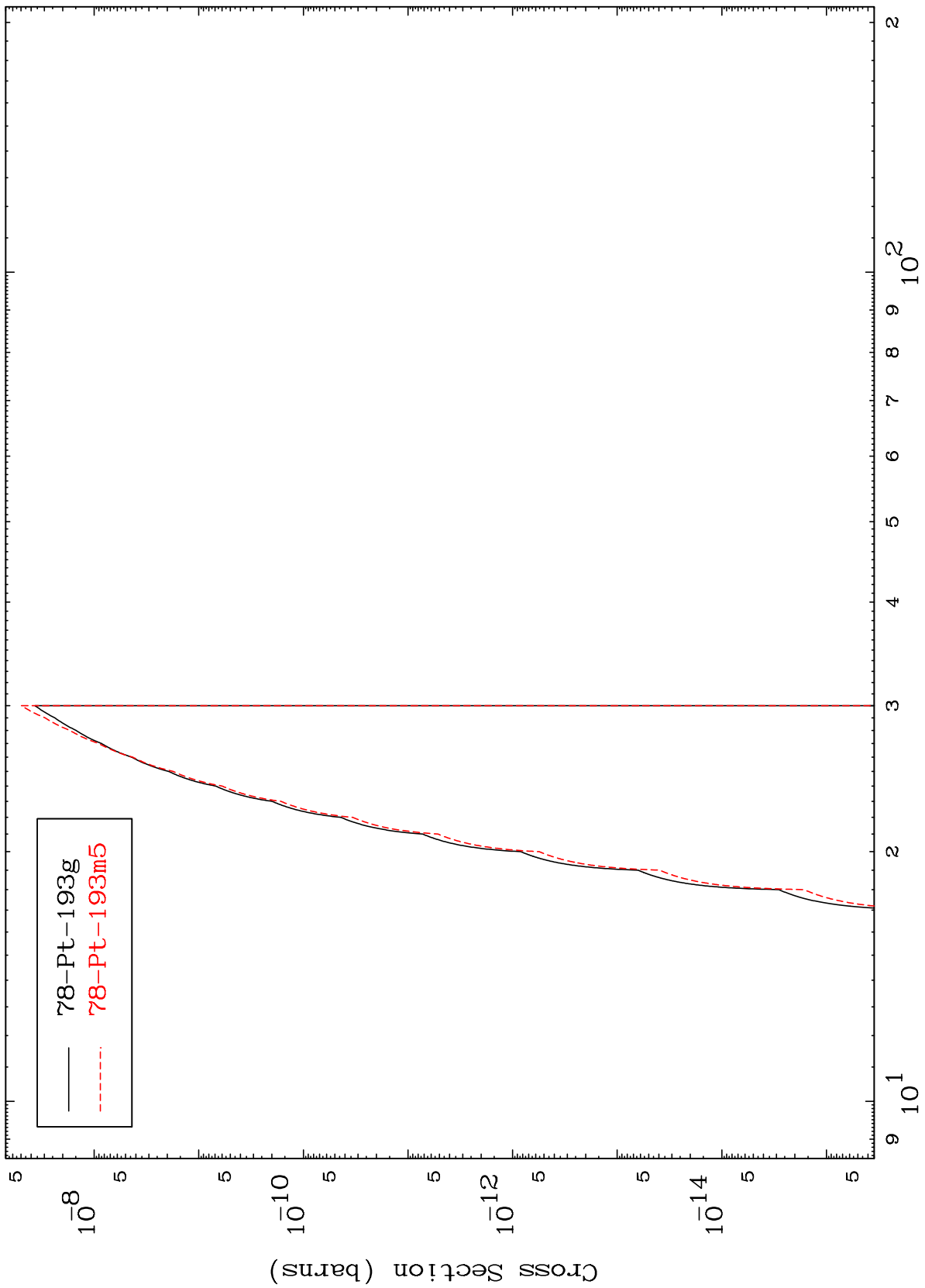


MAT 8022

(n,p) d

80-Hg-195

Radionuclide Production Cross Section



131

Incident Energy (MeV)

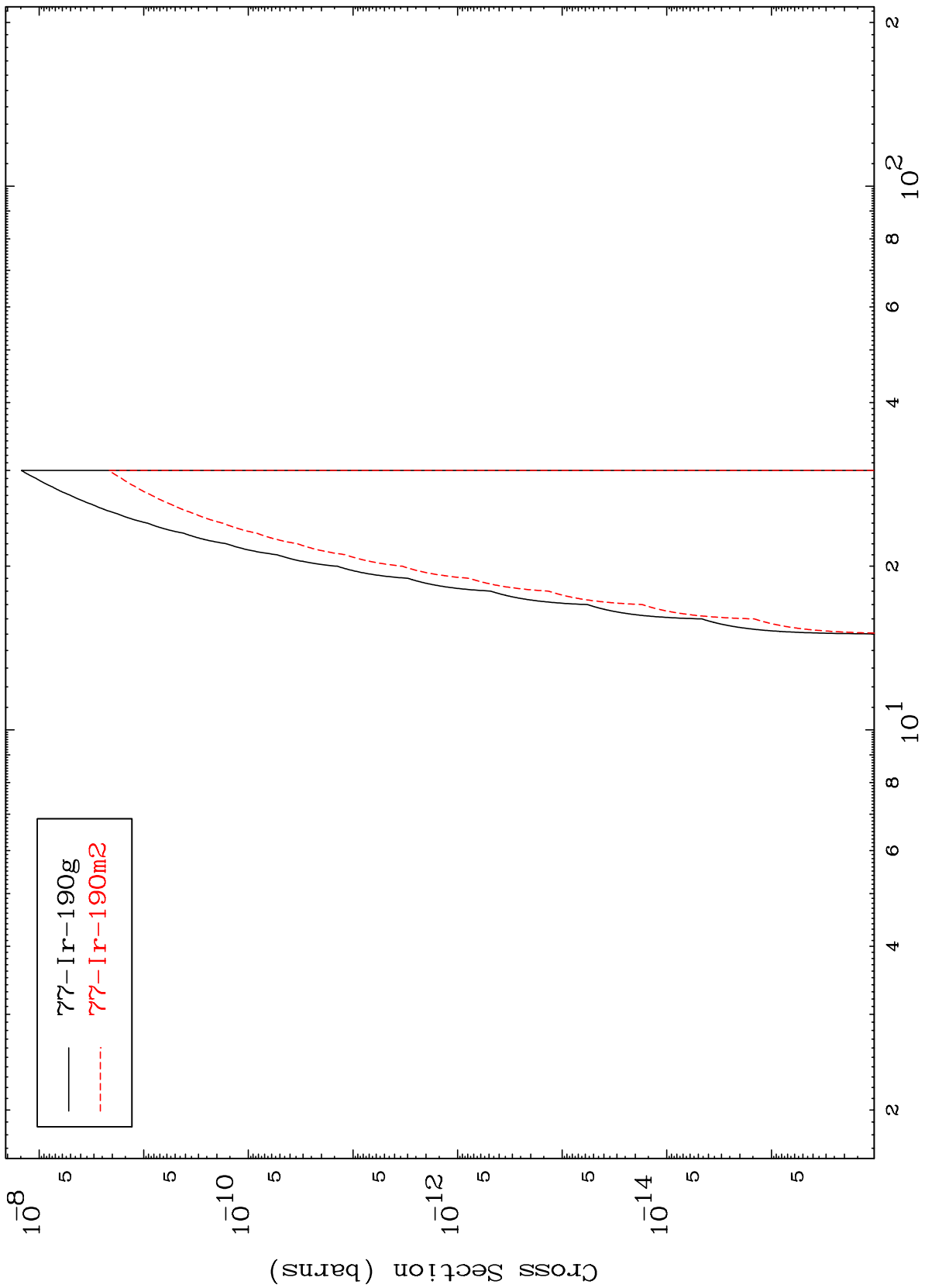
80-Hg-195

MAT 8022

(n,d) α

80-Hg-195

Radionuclide Production Cross Section



132

Incident Energy (MeV)

80-Hg-195