

Program EVALPLOT  
(Version 2021-1)

by

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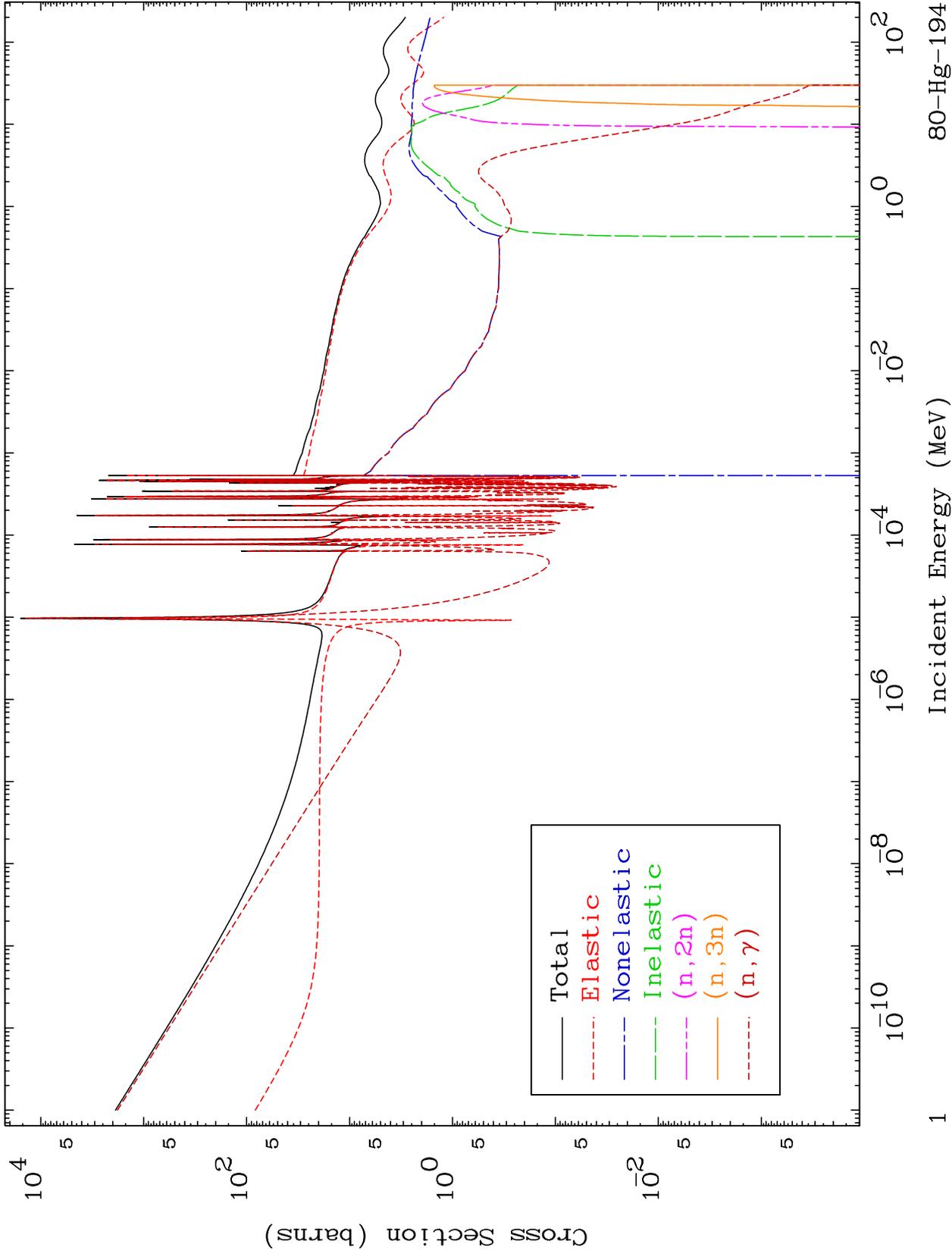
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 8019

Neutron Major  
293 Kelvin Cross Sections

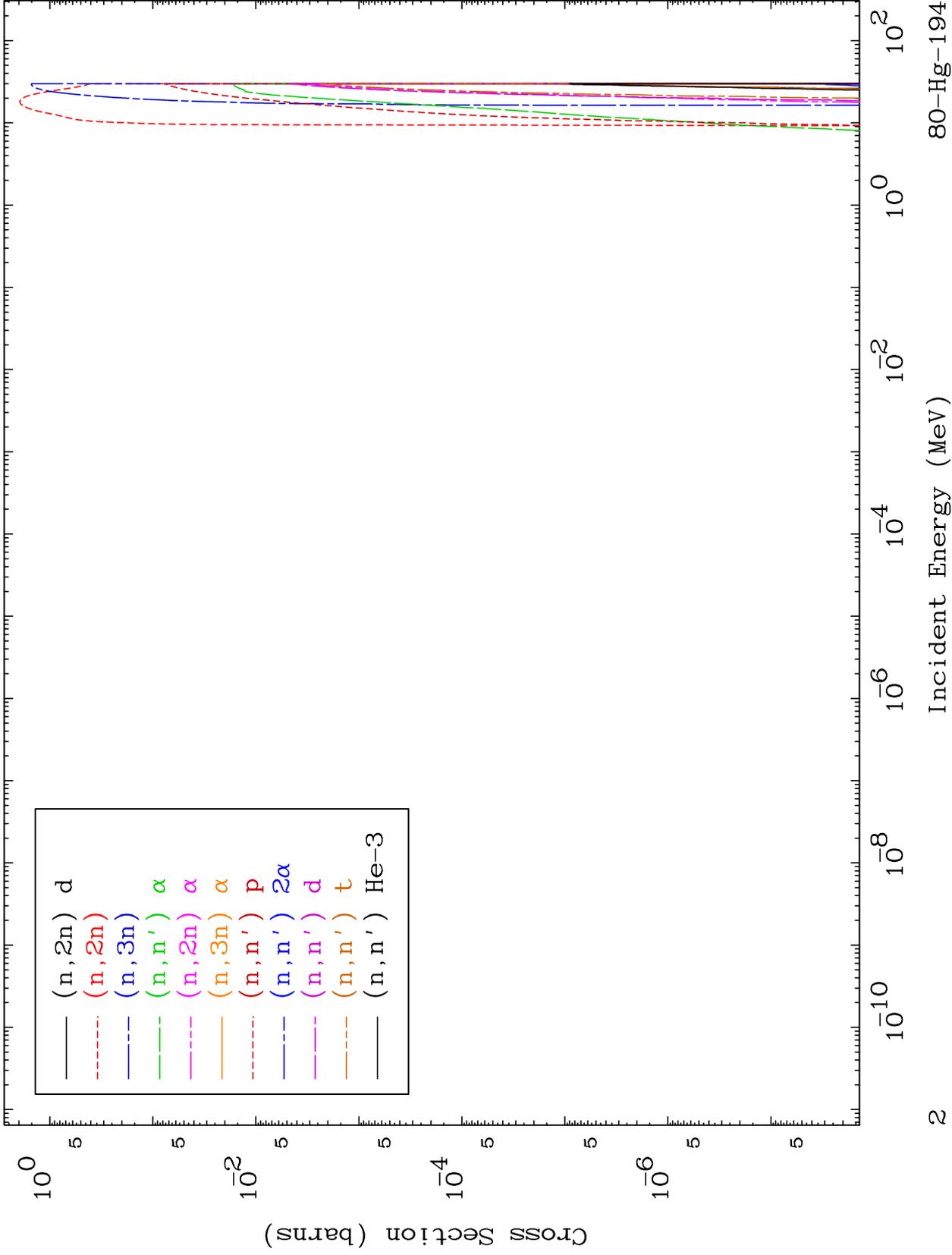
80-Hg-194



MAT 8019

Neutron Absorption  
293 Kelvin Cross Sections

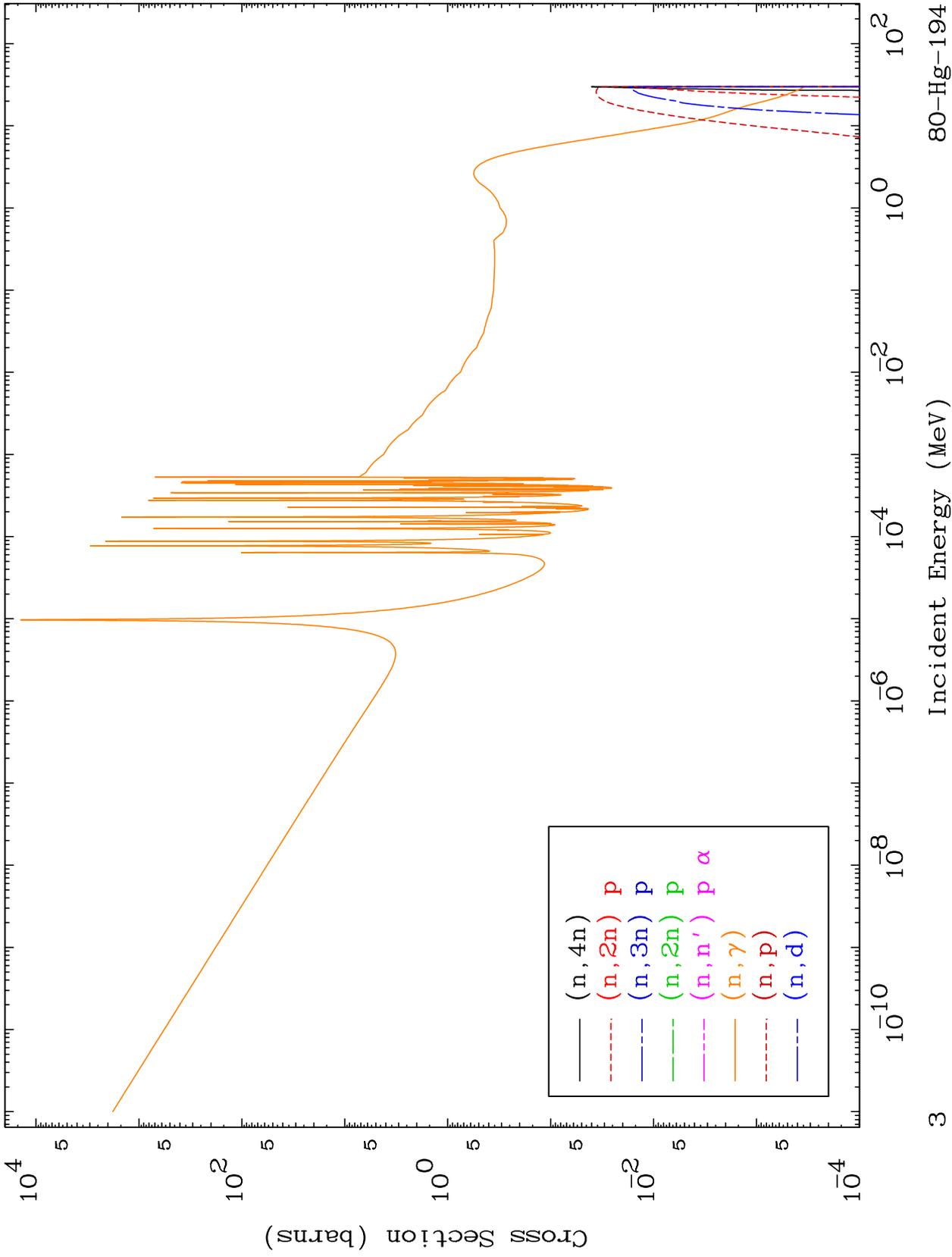
80-Hg-194

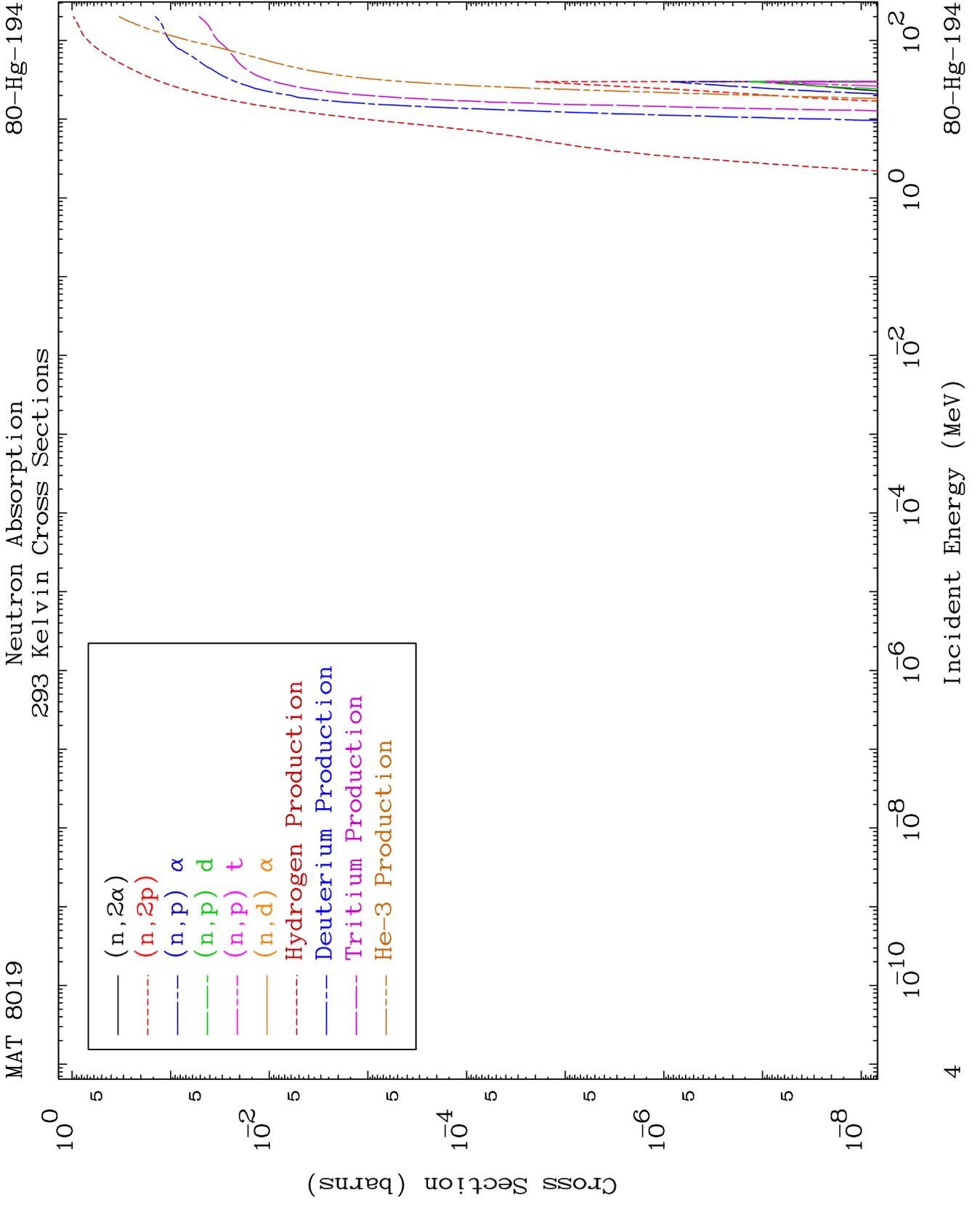


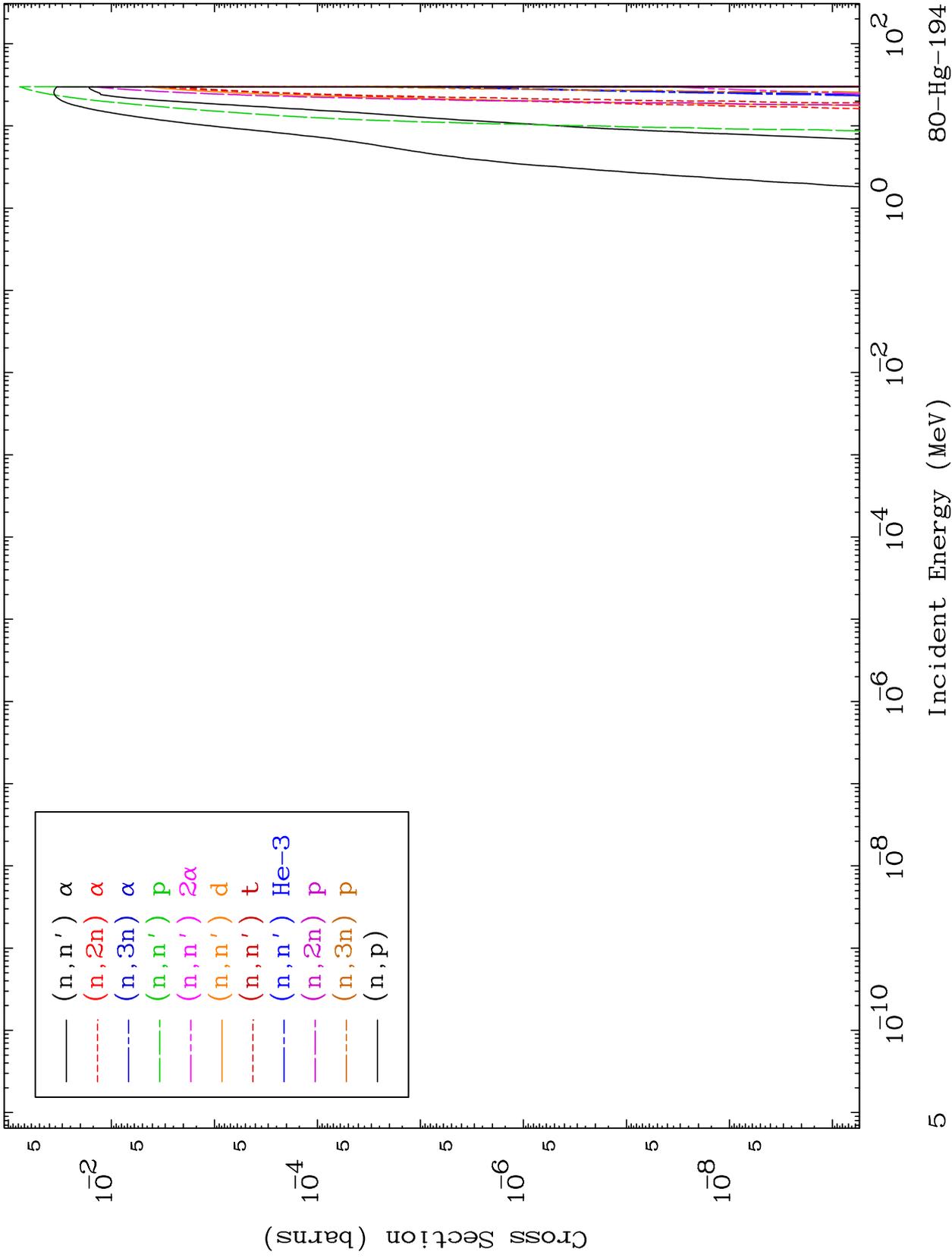
MAT 8019

Neutron Absorption  
293 Kelvin Cross Sections

80-Hg-194



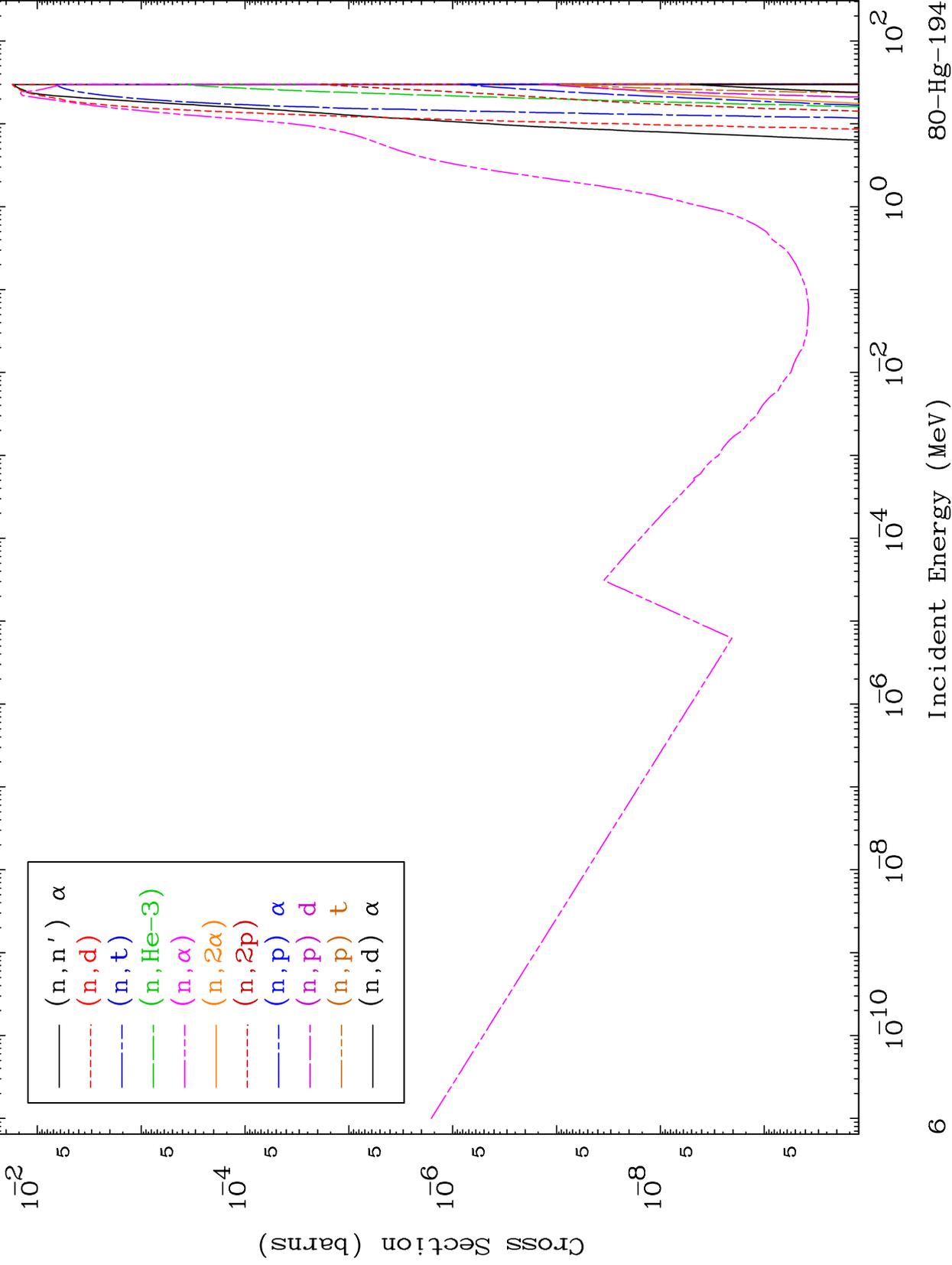




MAT 8019

Charged Particle  
293 Kelvin Cross Sections

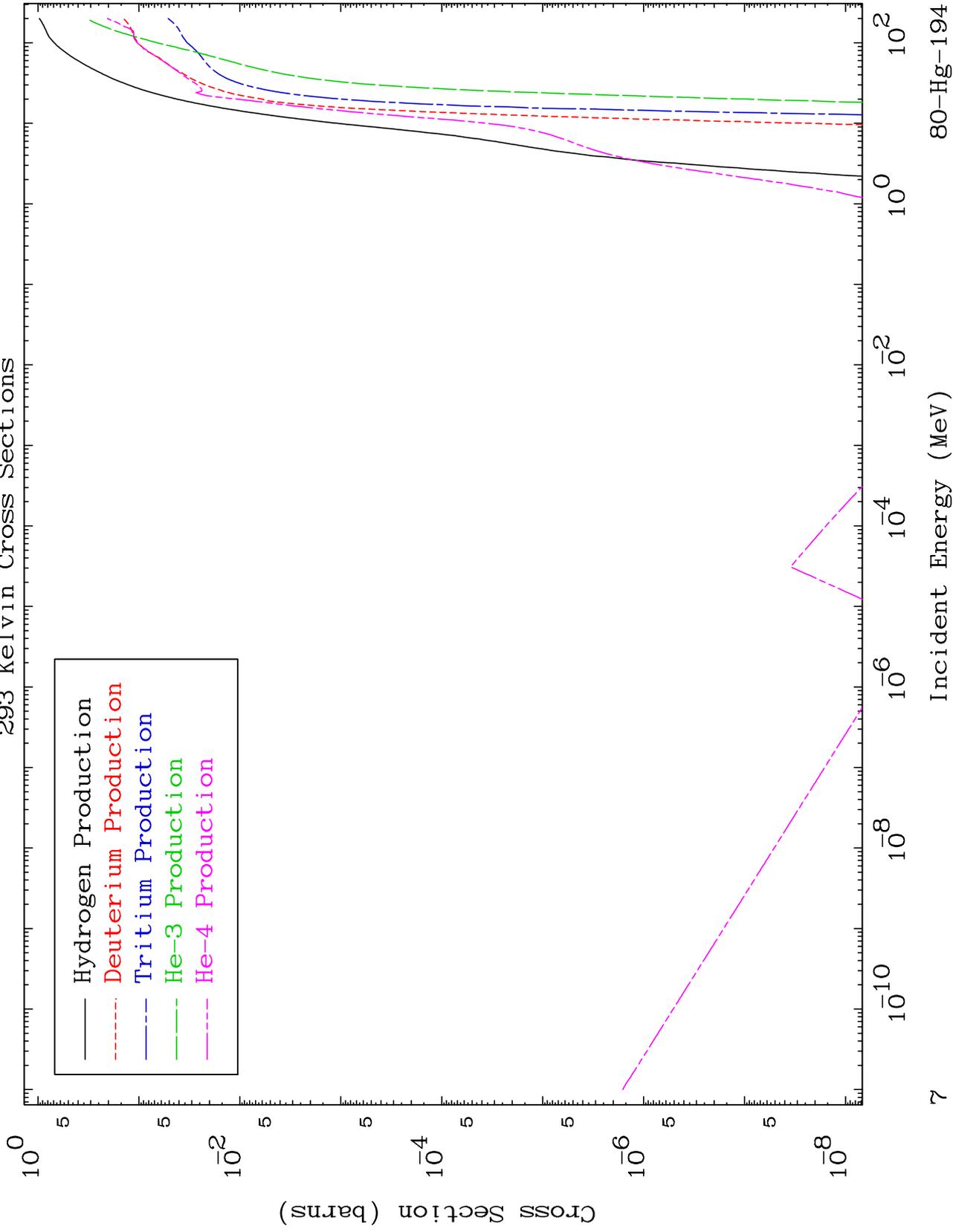
80-Hg-194



MAT 8019

Particle Production  
293 Kelvin Cross Sections

80-Hg-194



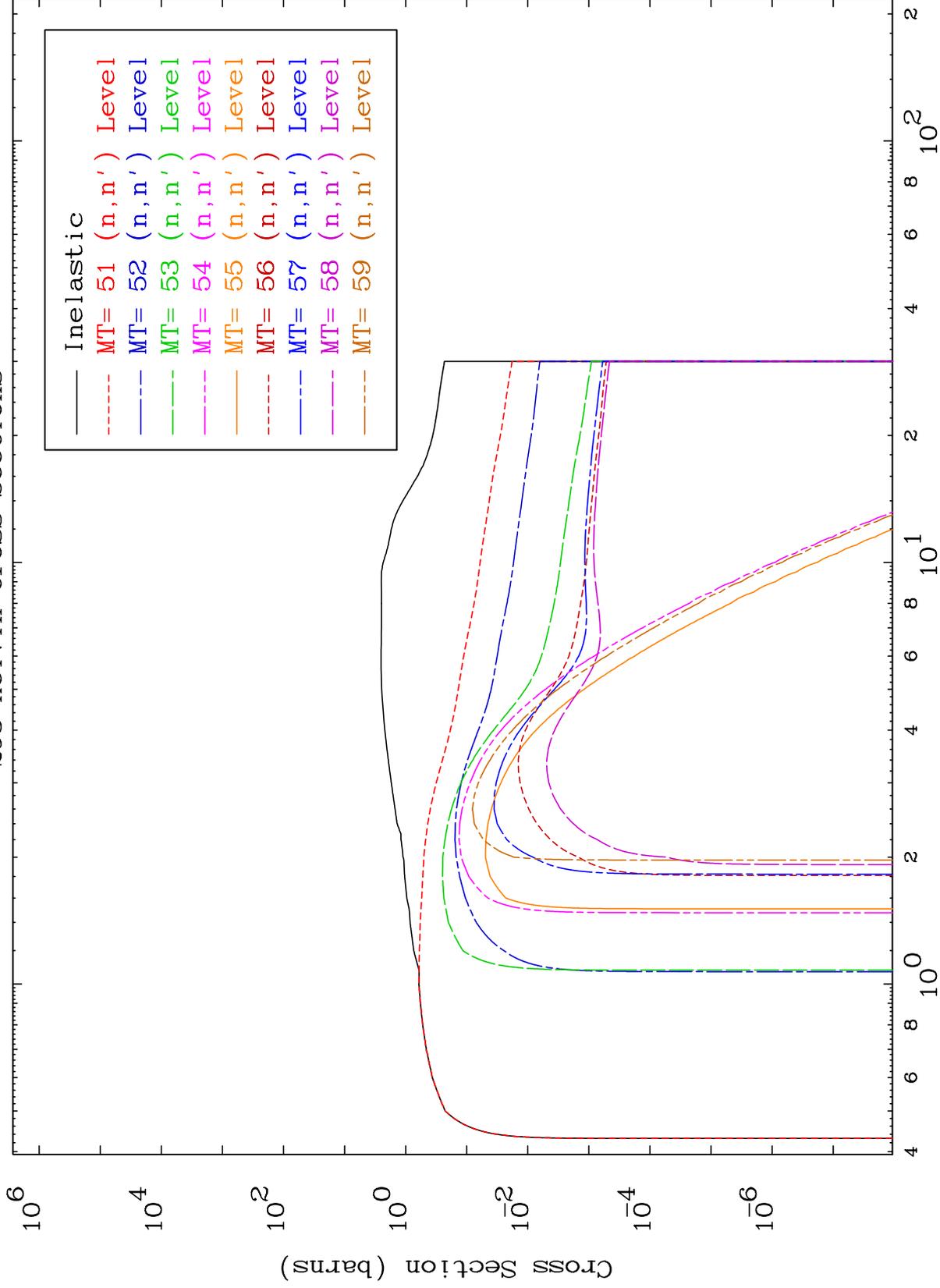


MAT 8019

(n,n') Levels

80-Hg-194

293 Kelvin Cross Sections



8

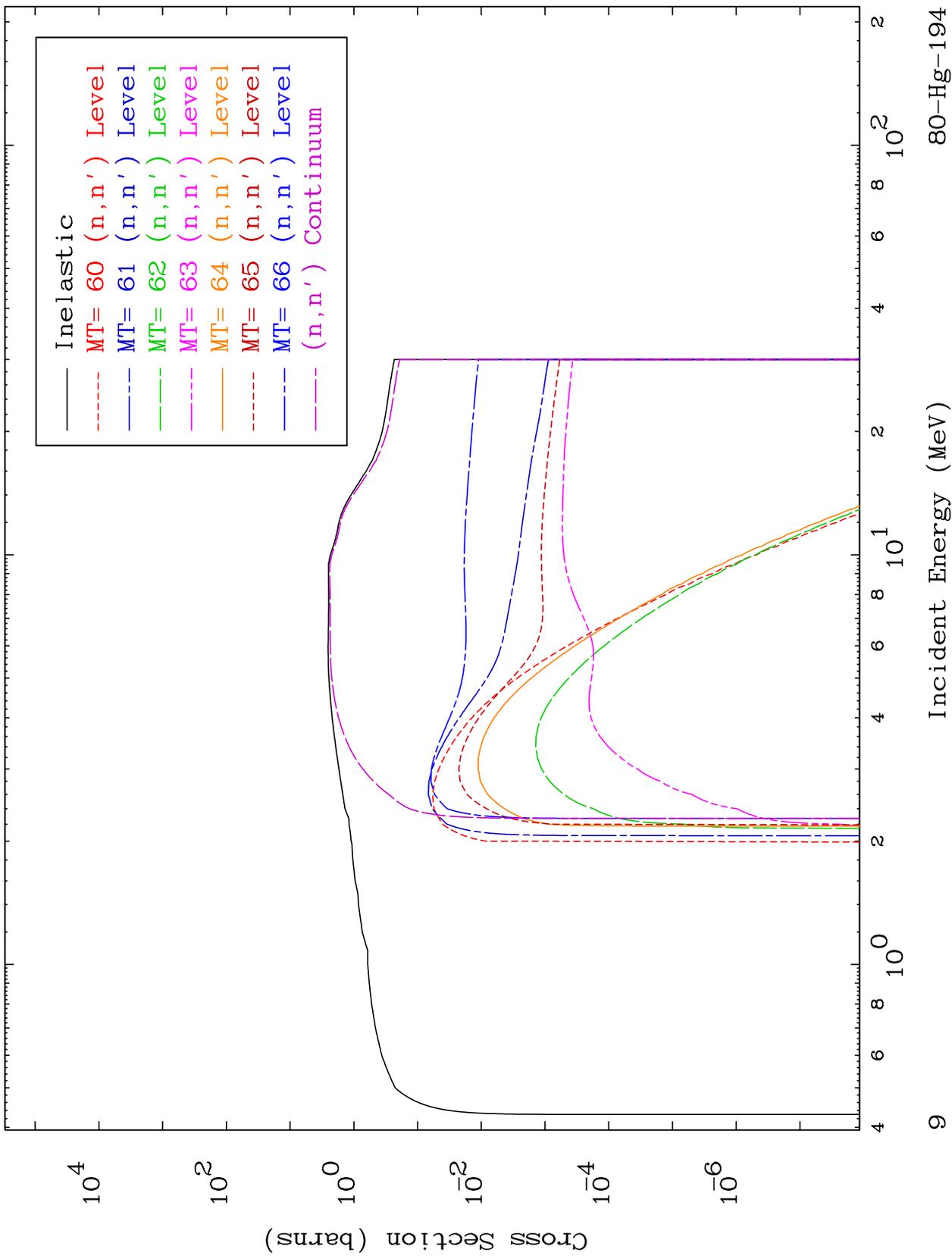
Incident Energy (MeV)

80-Hg-194

MAT 8019

(n,n') Levels  
293 Kelvin Cross Sections

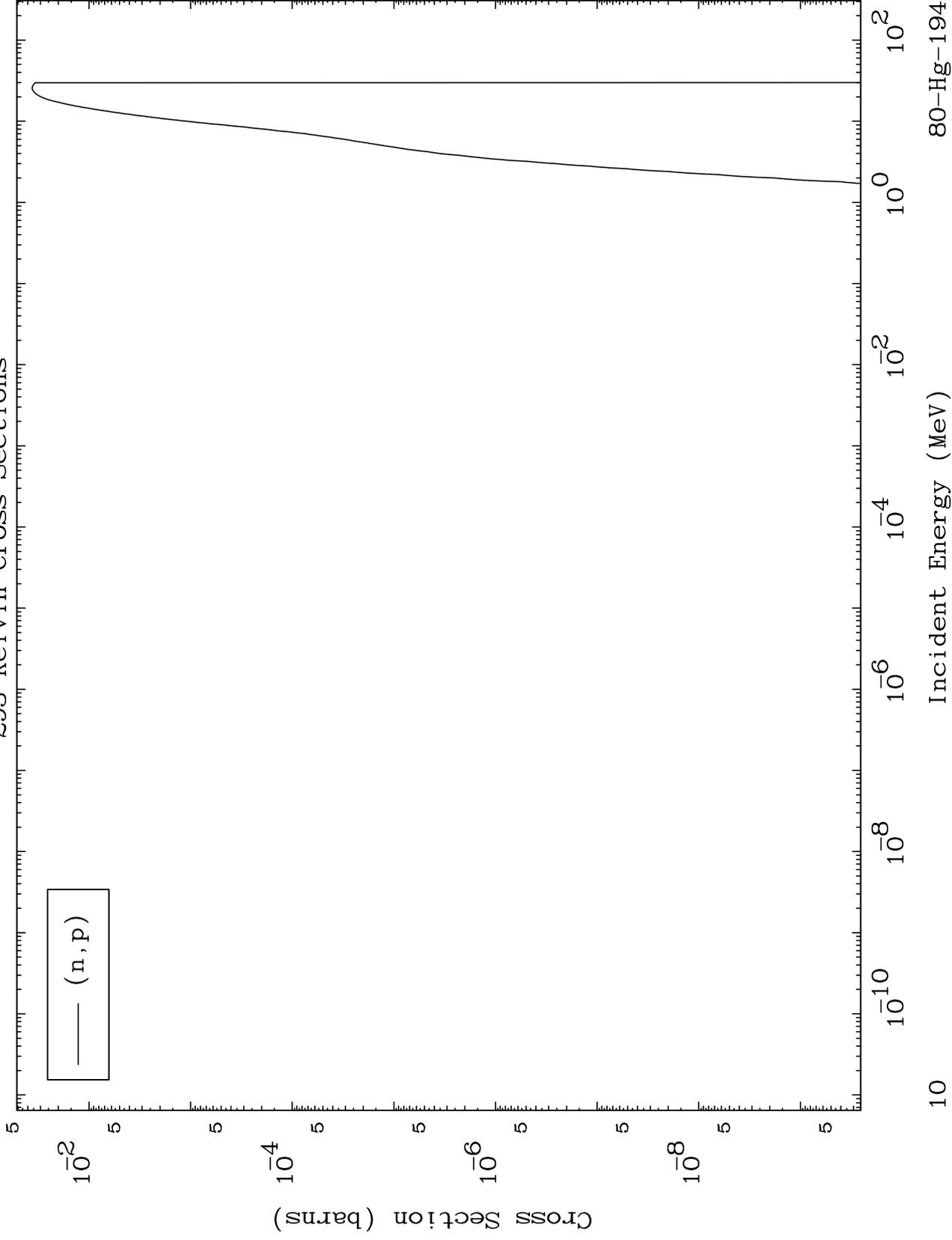
80-Hg-194



MAT 8019

(n,p) Levels  
293 Kelvin Cross Sections

80-Hg-194



10

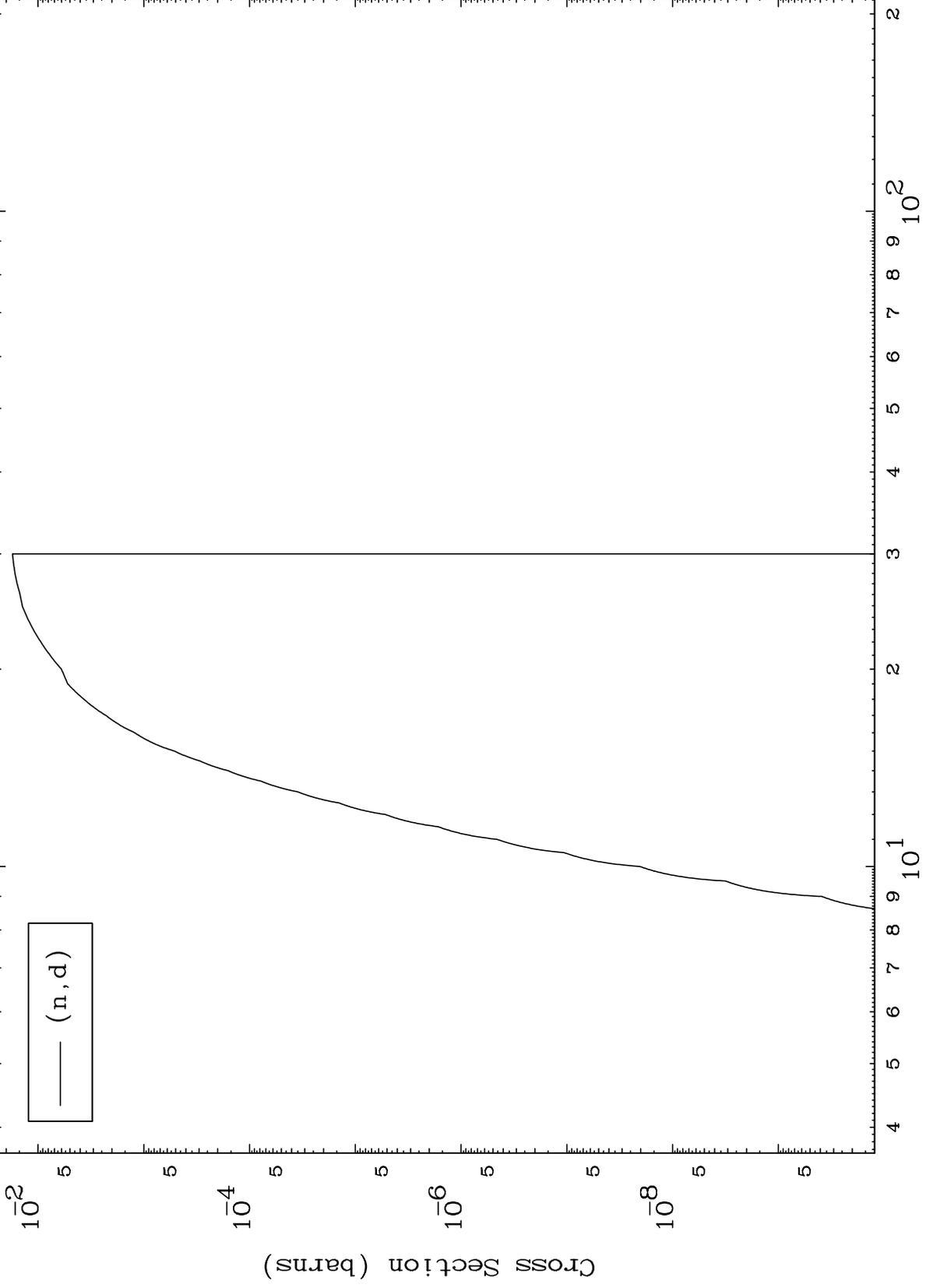
Incident Energy (MeV)

80-Hg-194

MAT 8019

(n,d) Levels  
293 Kelvin Cross Sections

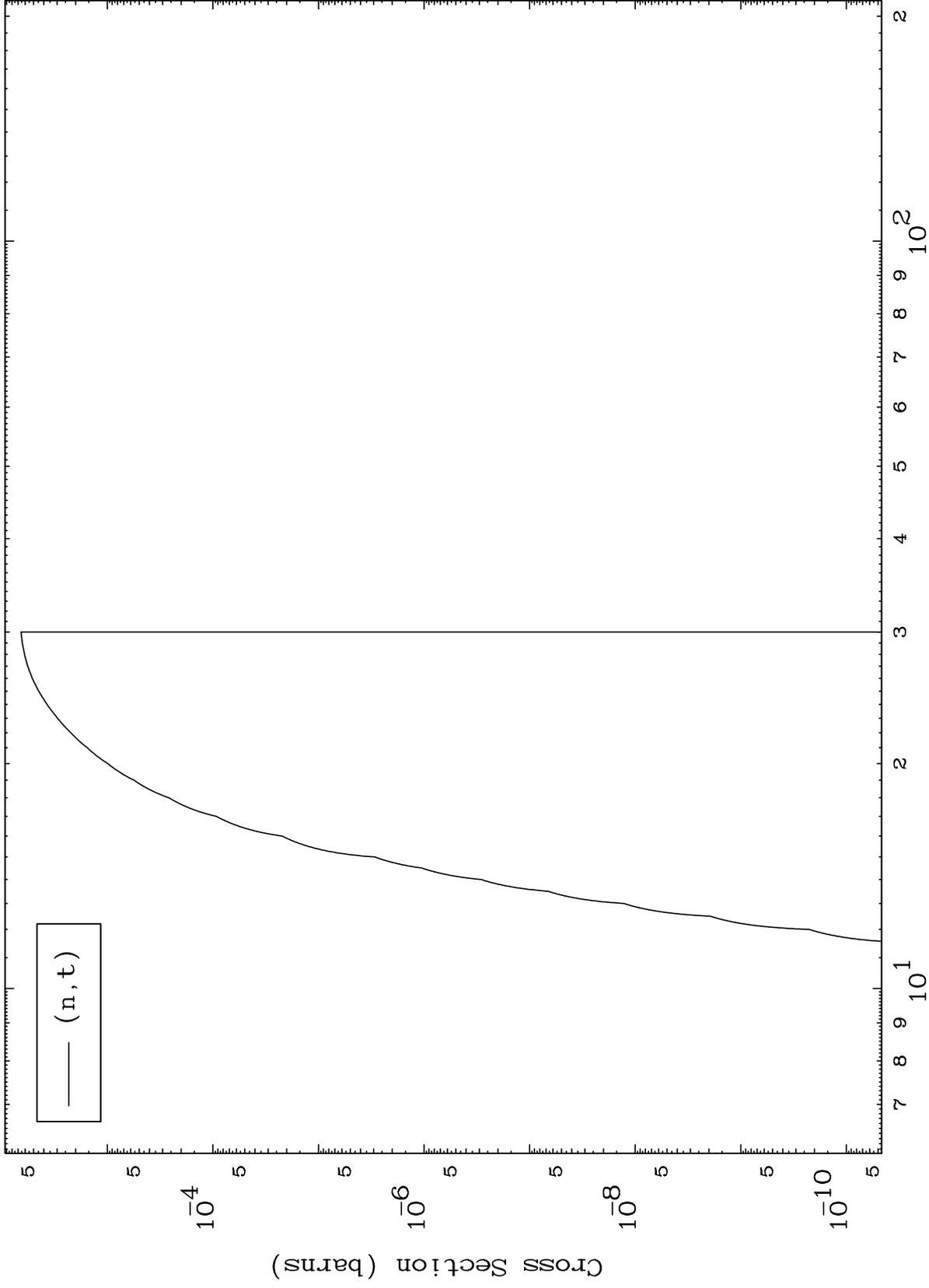
80-Hg-194



MAT 8019

(n,t) Levels  
293 Kelvin Cross Sections

80-Hg-194



12

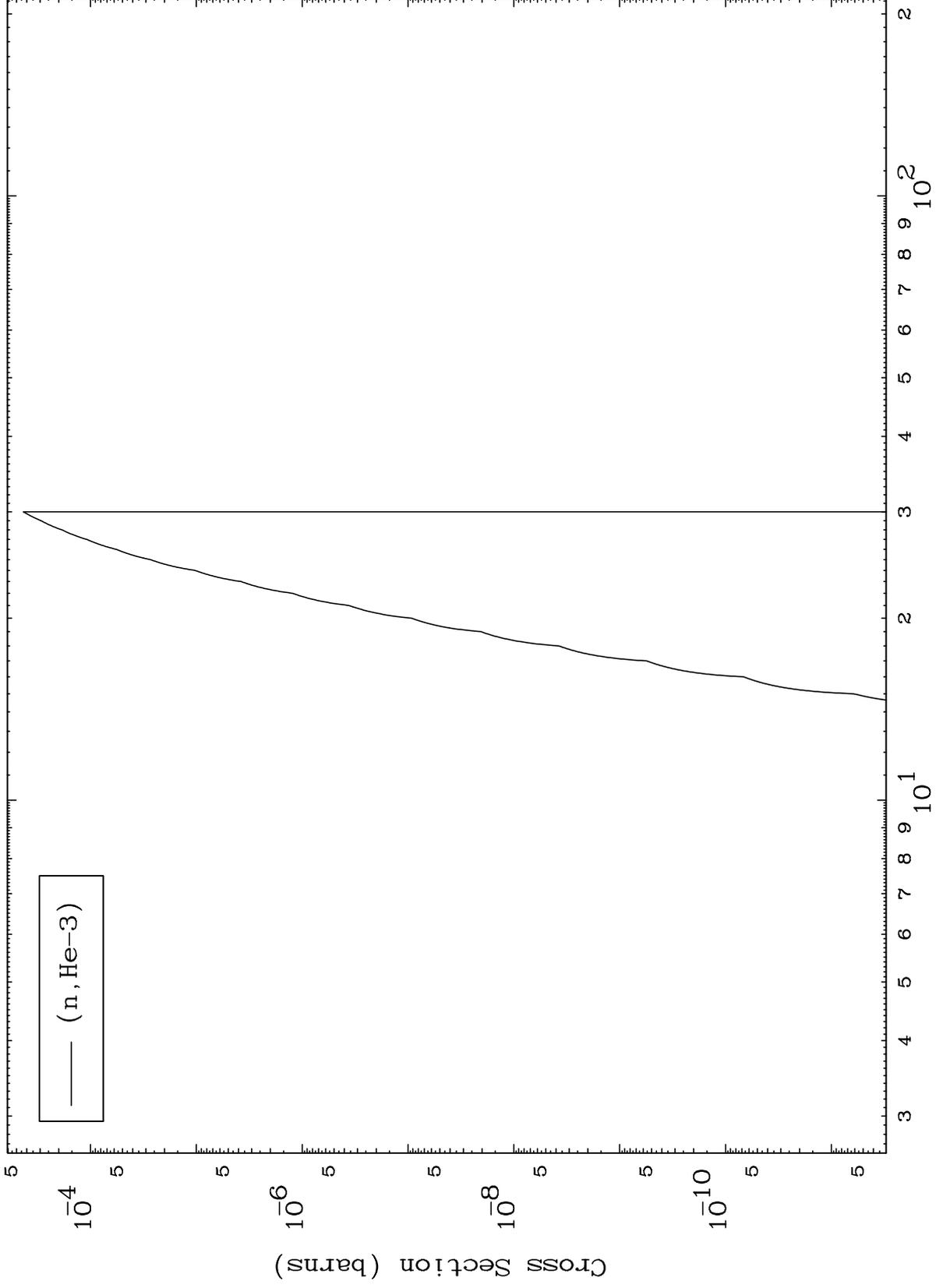
Incident Energy (MeV)

80-Hg-194

MAT 8019

(n,He3) Levels  
293 Kelvin Cross Sections

80-Hg-194



13

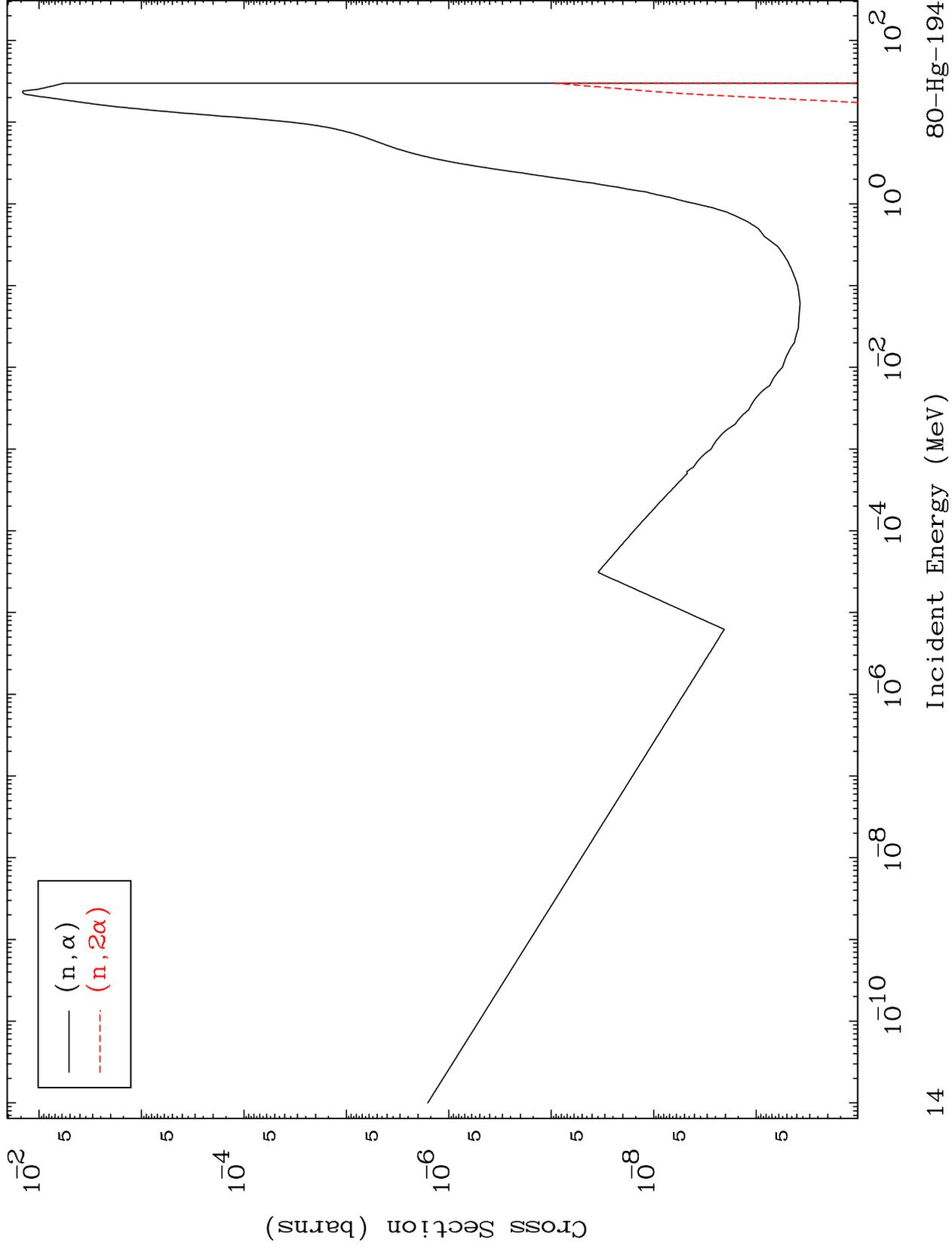
Incident Energy (MeV)

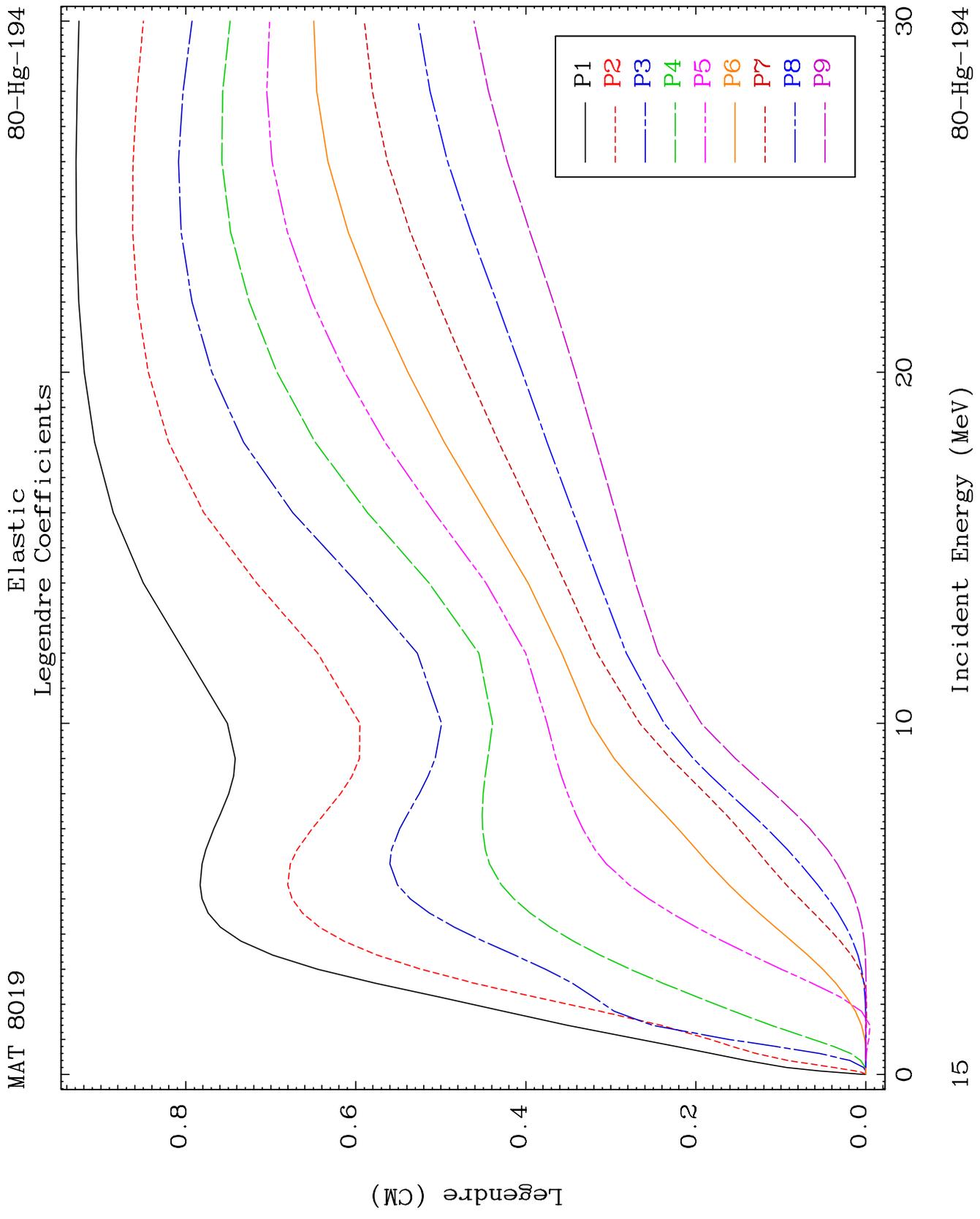
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MAT 8019

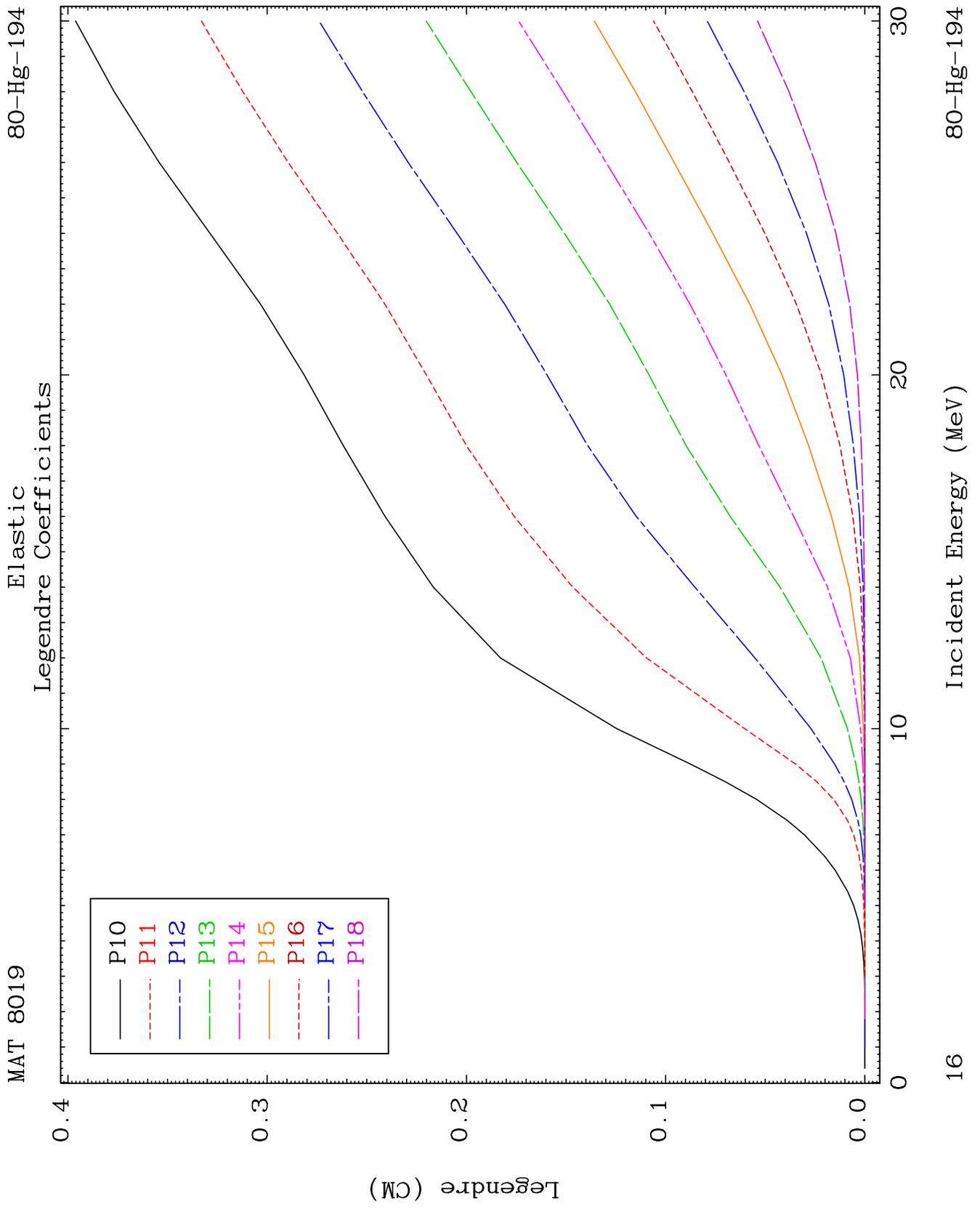
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

80-Hg-194





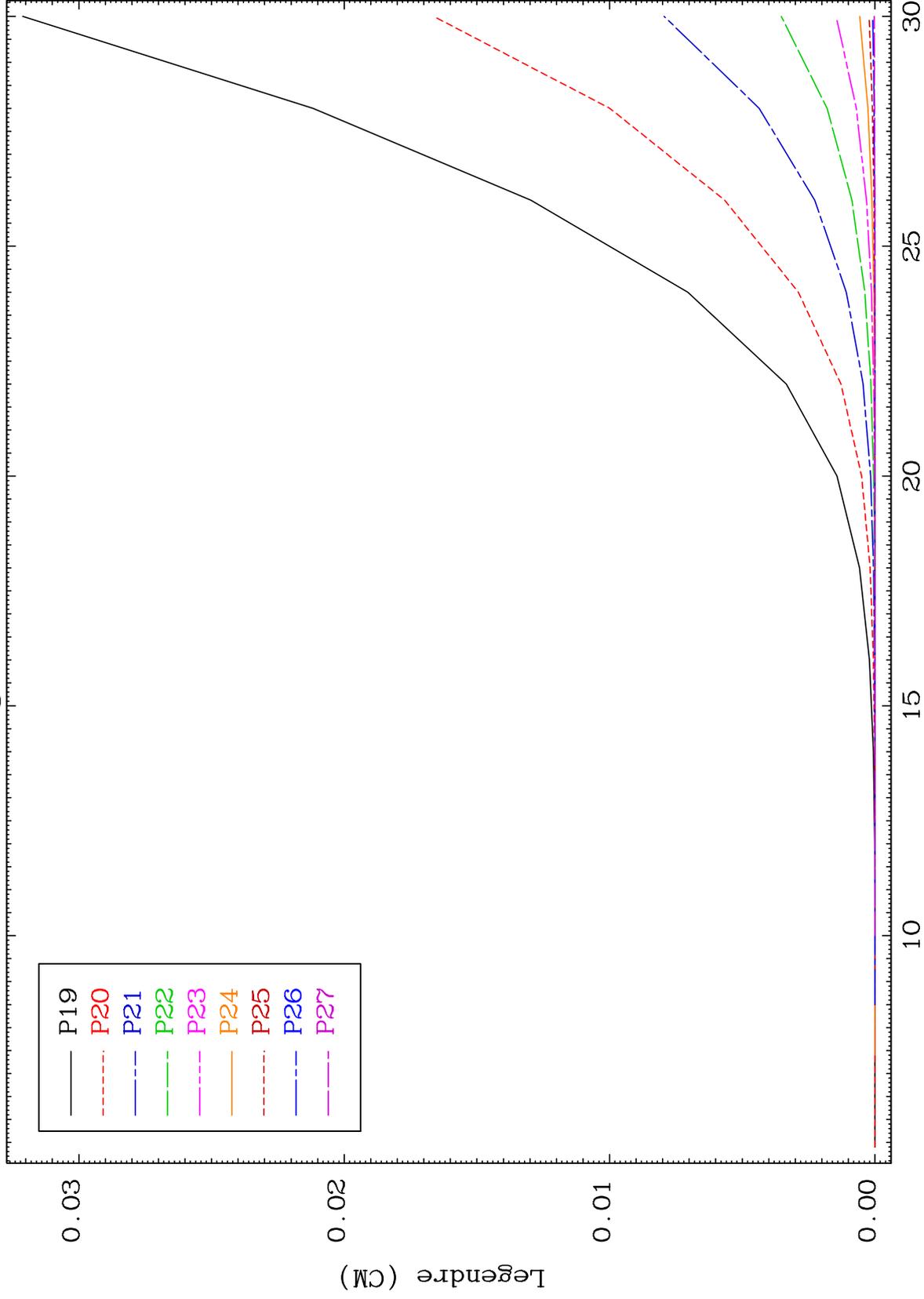




MAT 8019

Elastic Legendre Coefficients

80-Hg-194



17

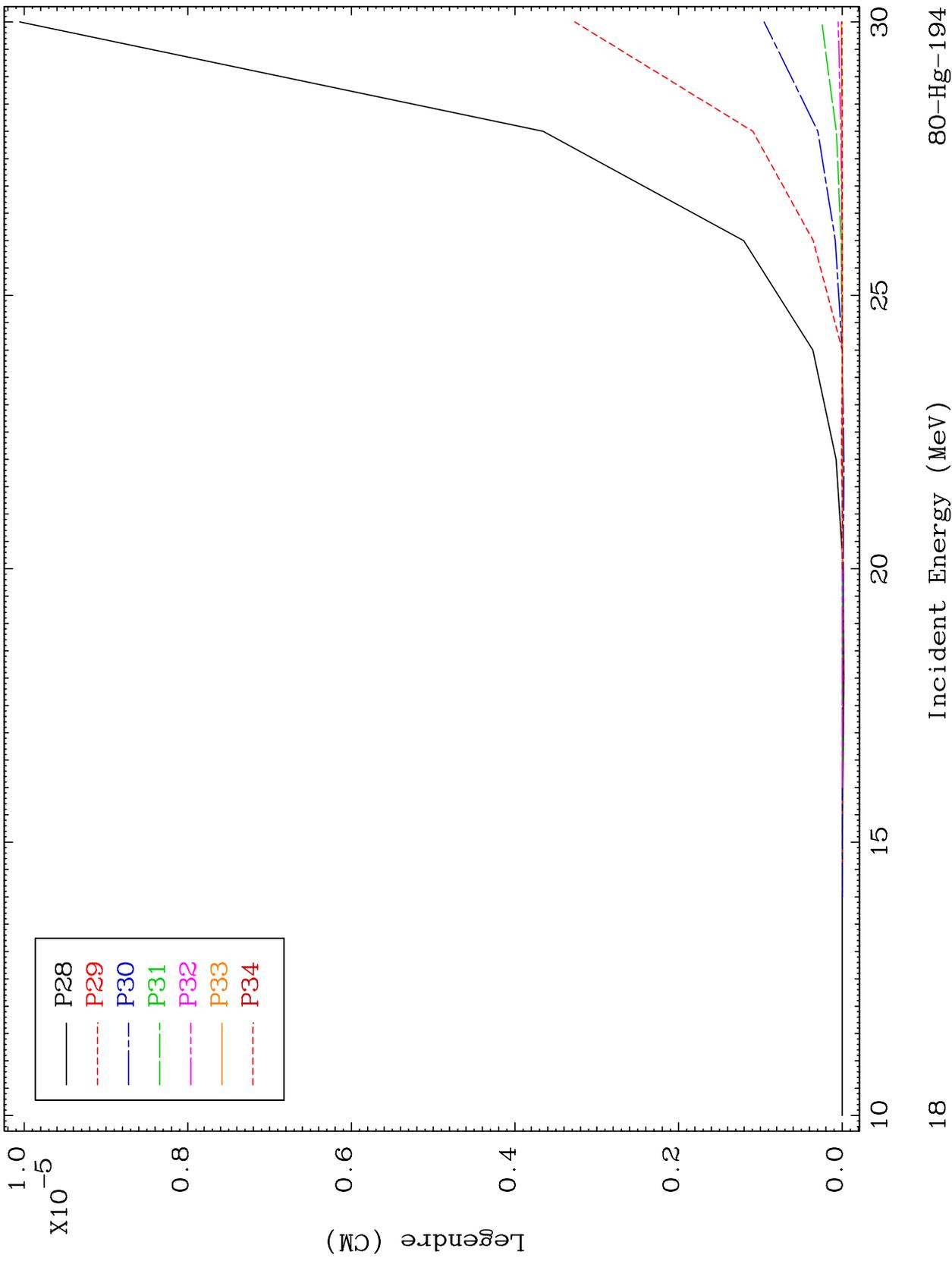
Incident Energy (MeV)

80-Hg-194

MAT 8019

Elastic  
Legendre Coefficients

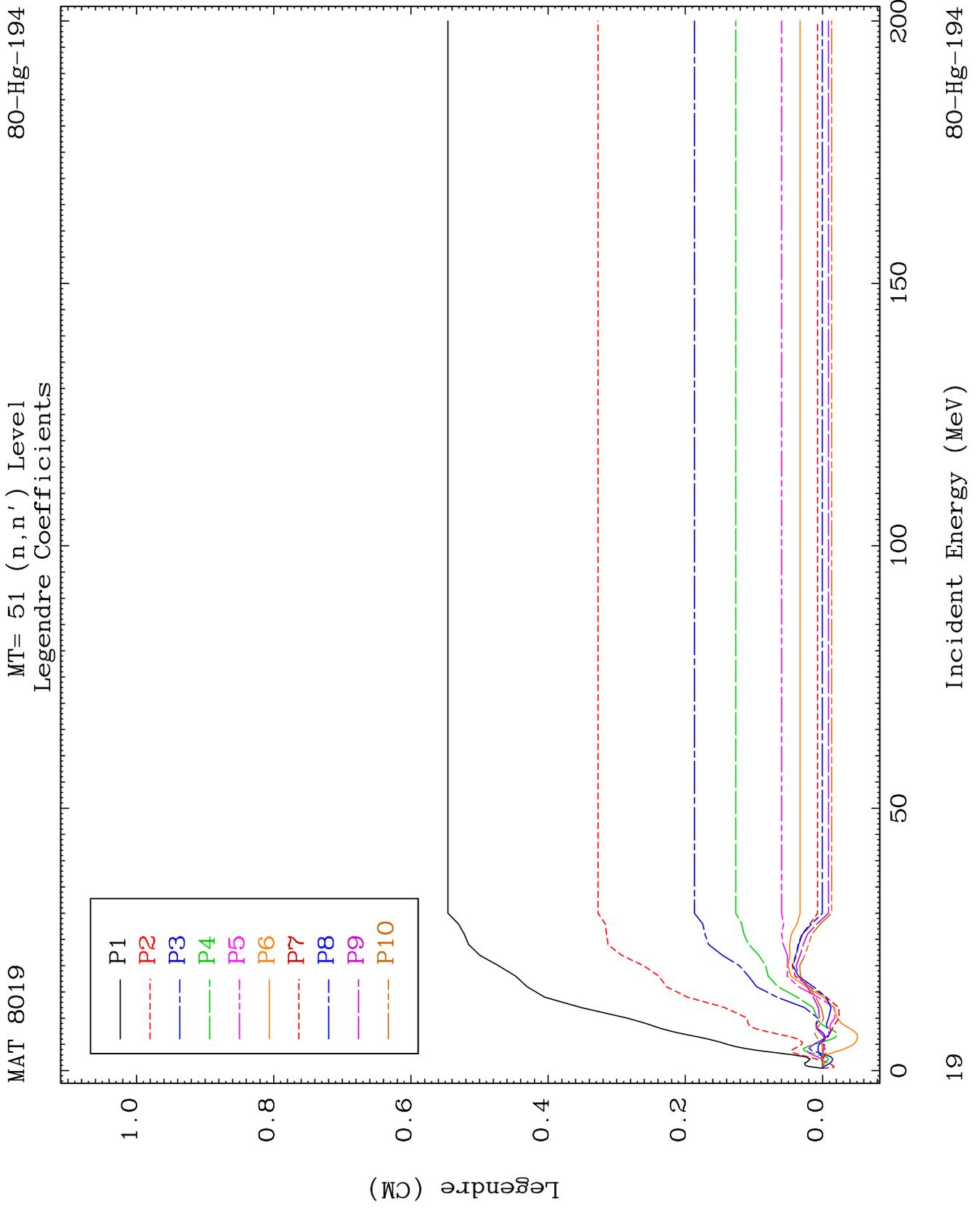
80-Hg-194

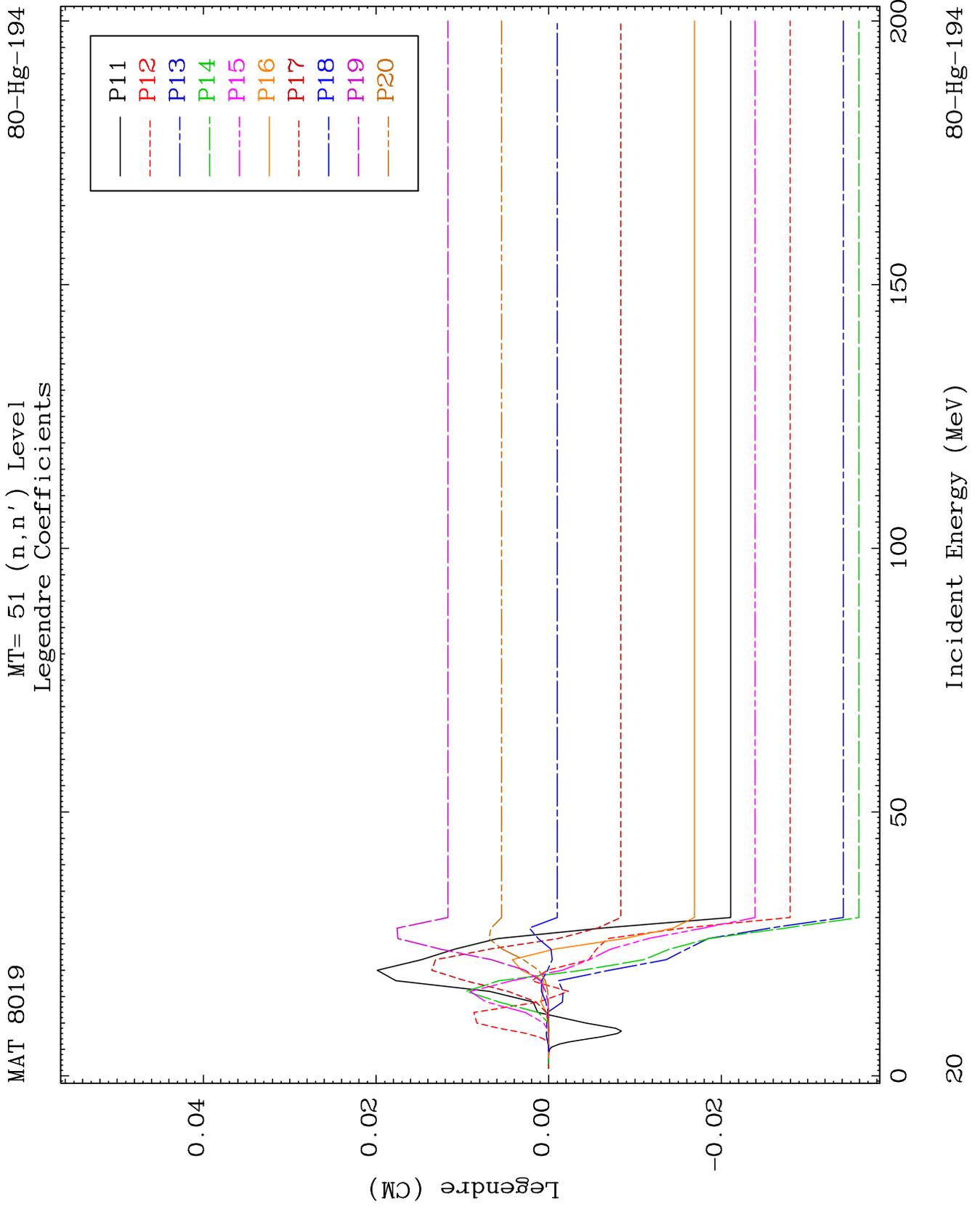


80-Hg-194

Incident Energy (MeV)

18

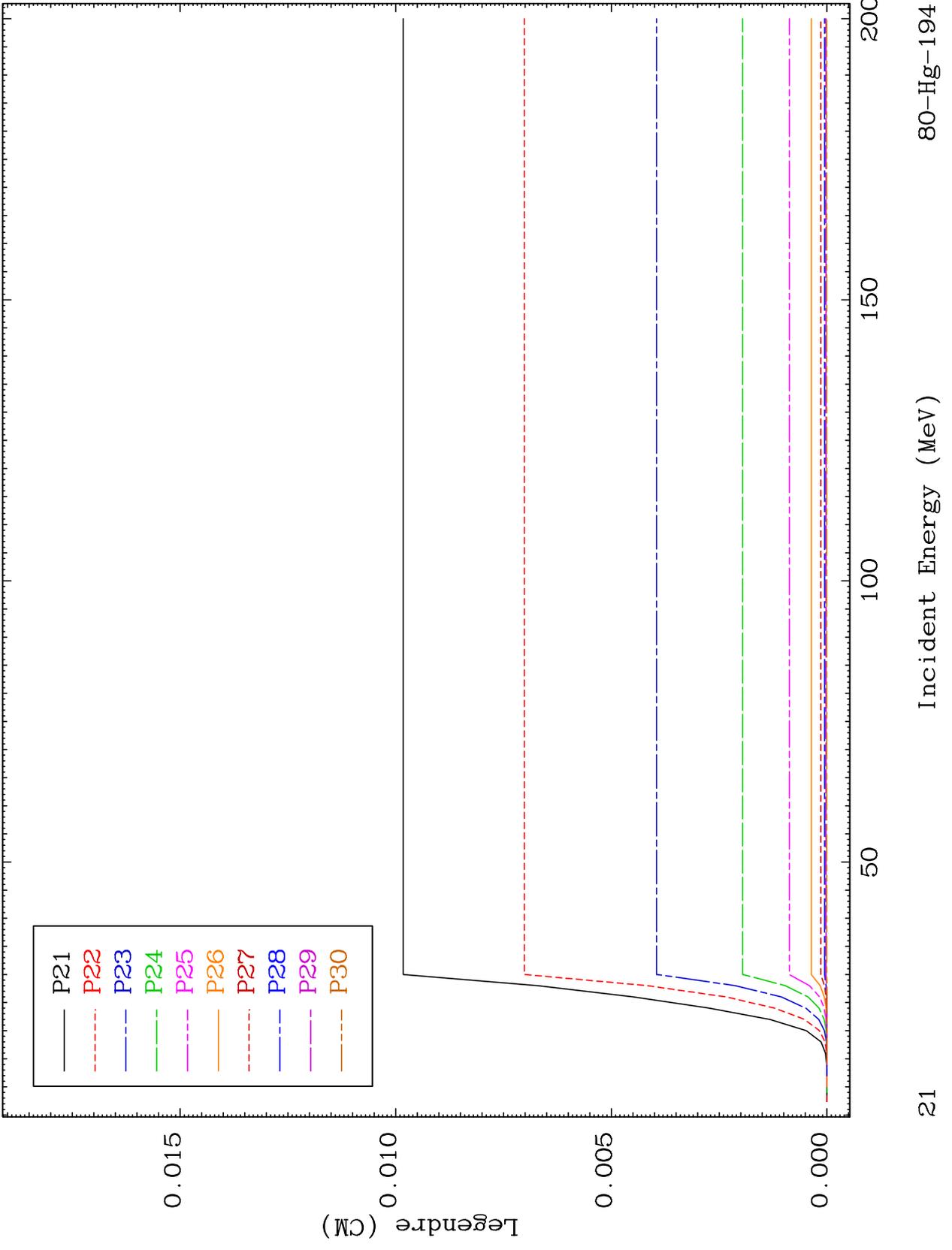


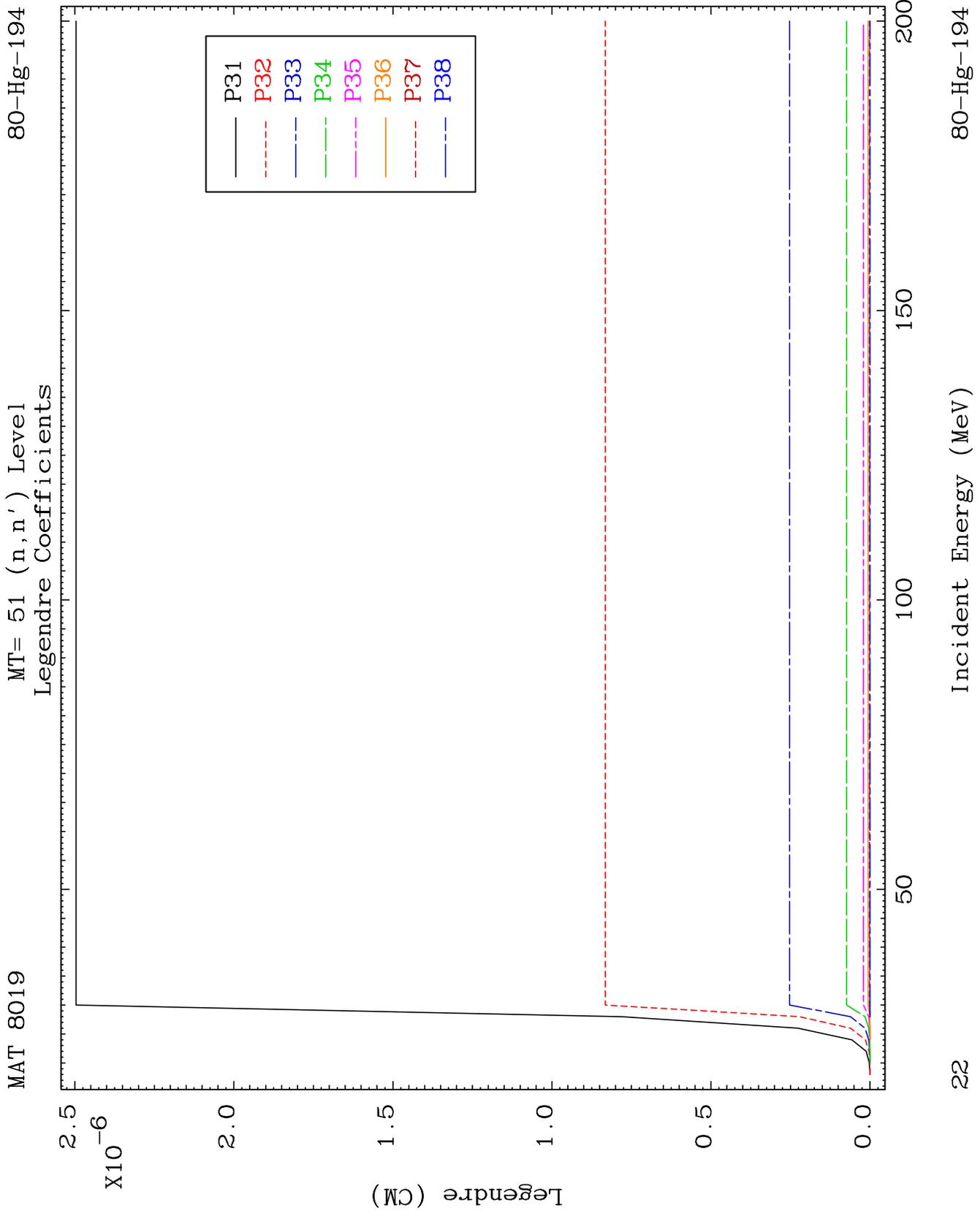


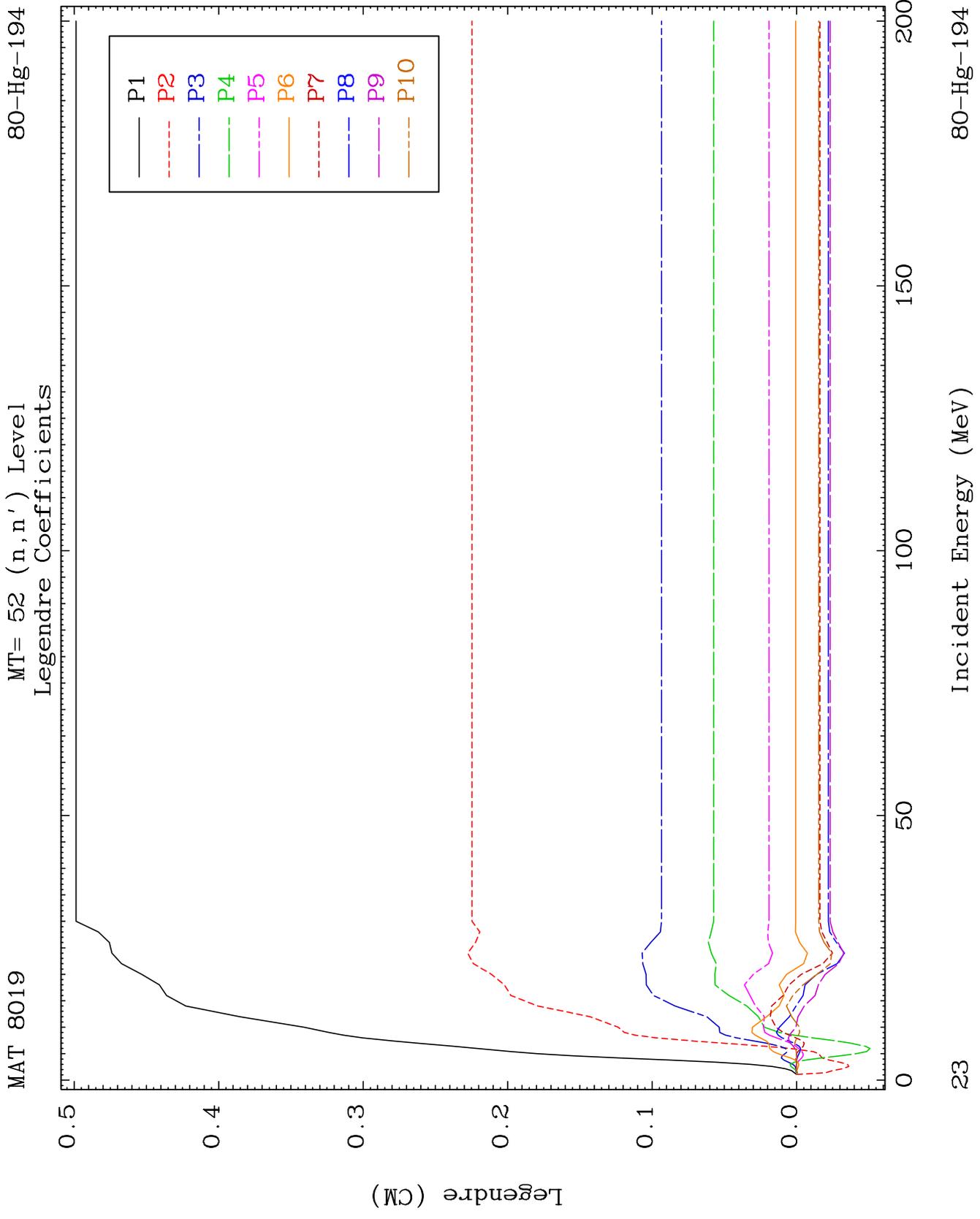
MAT 8019

MT= 51 (n,n') Level  
Legendre Coefficients

80-Hg-194





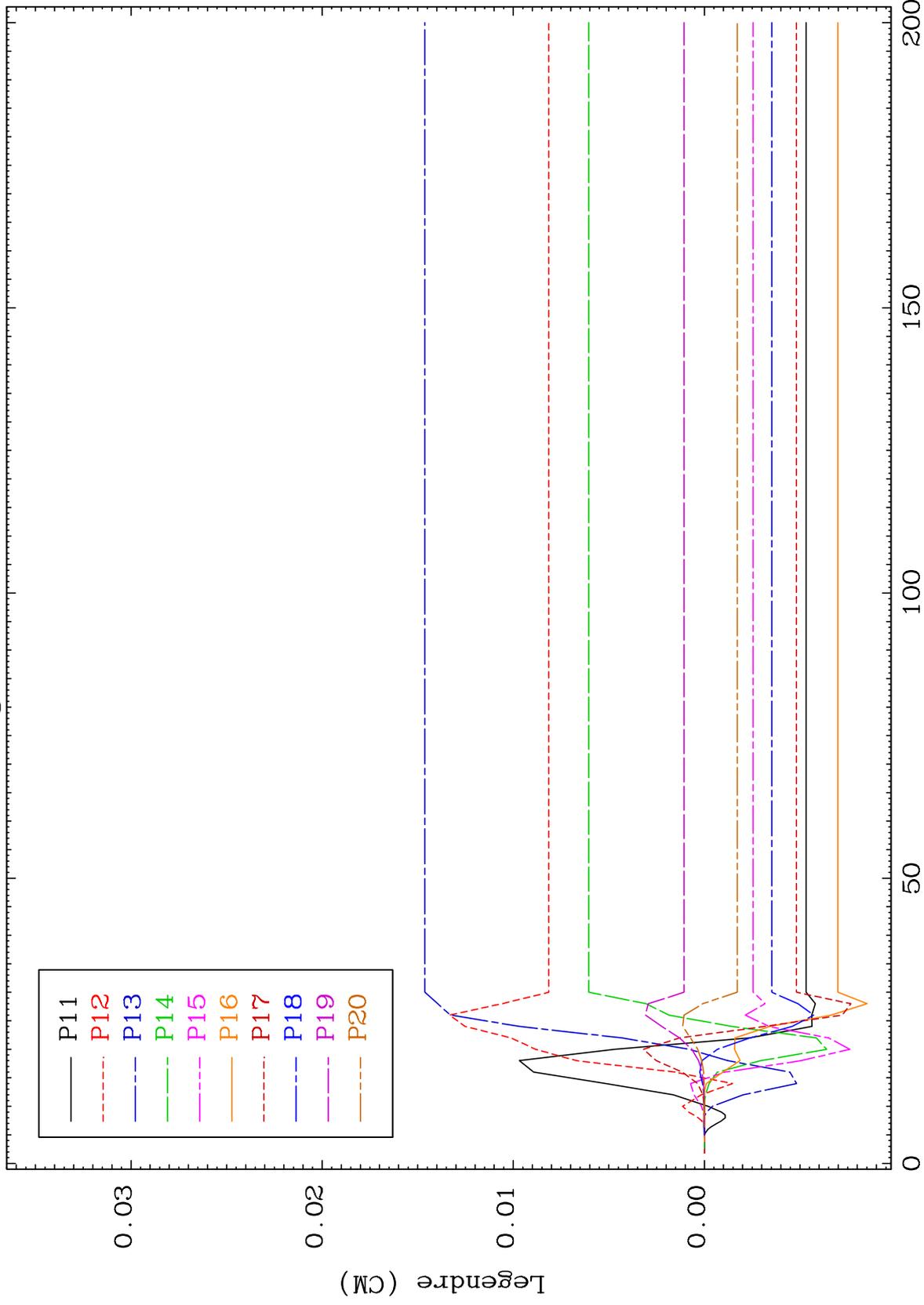




MAT 8019

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

80-Hg-194



24

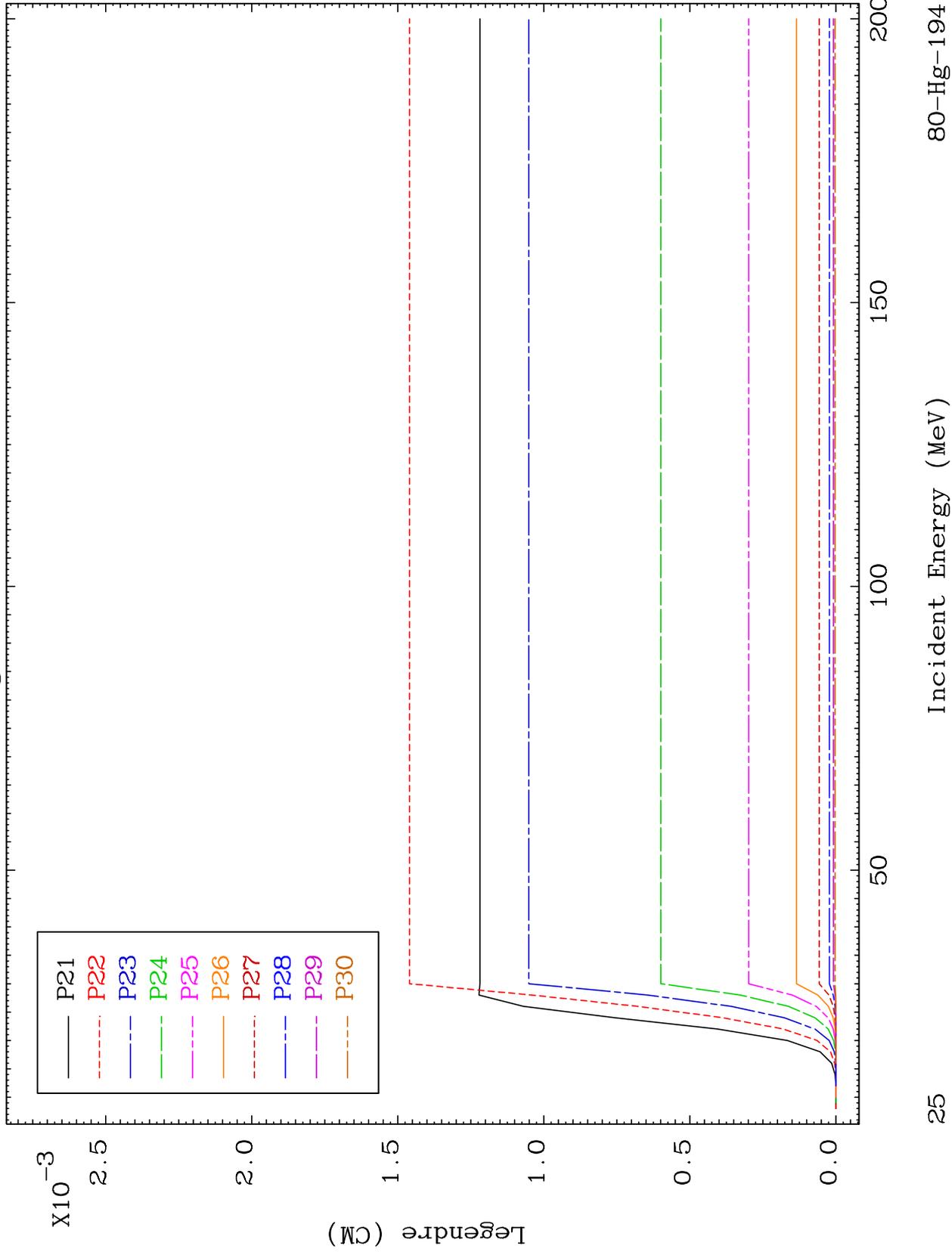
Incident Energy (MeV)

80-Hg-194

MAT 8019

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

80-Hg-194



25

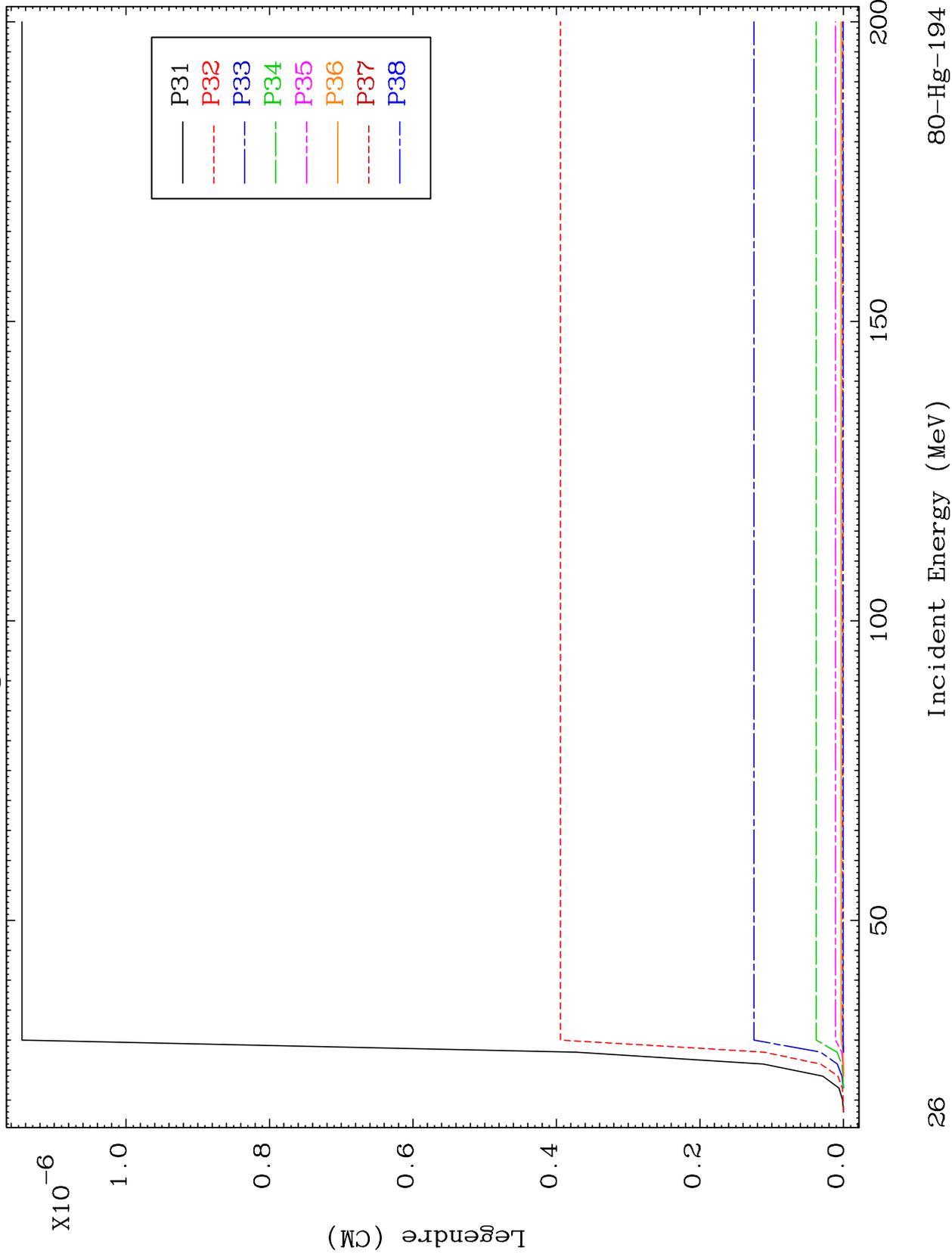
Incident Energy (MeV)

80-Hg-194

MAT 8019

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

80-Hg-194



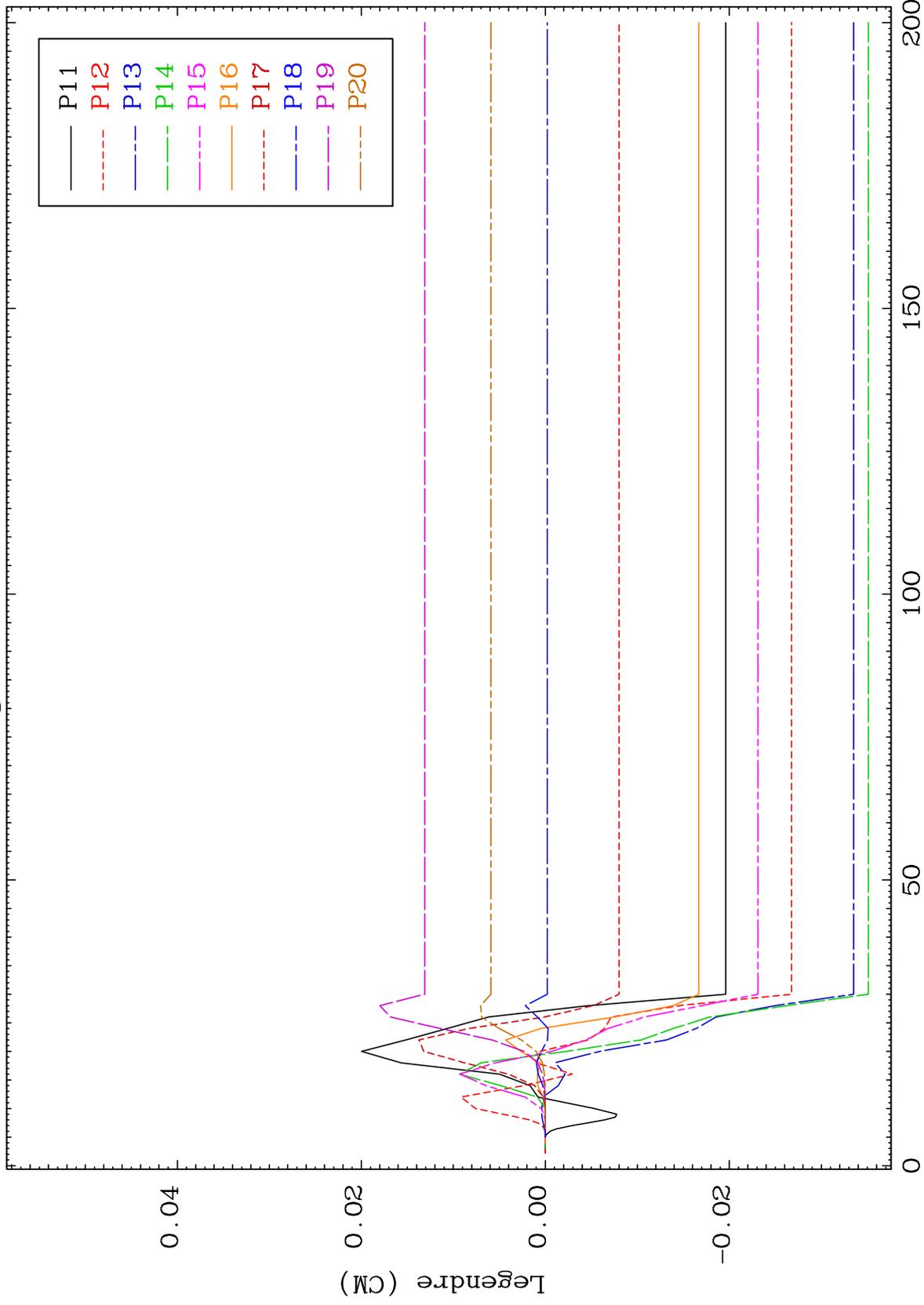
26



MAT 8019

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

80-Hg-194



28

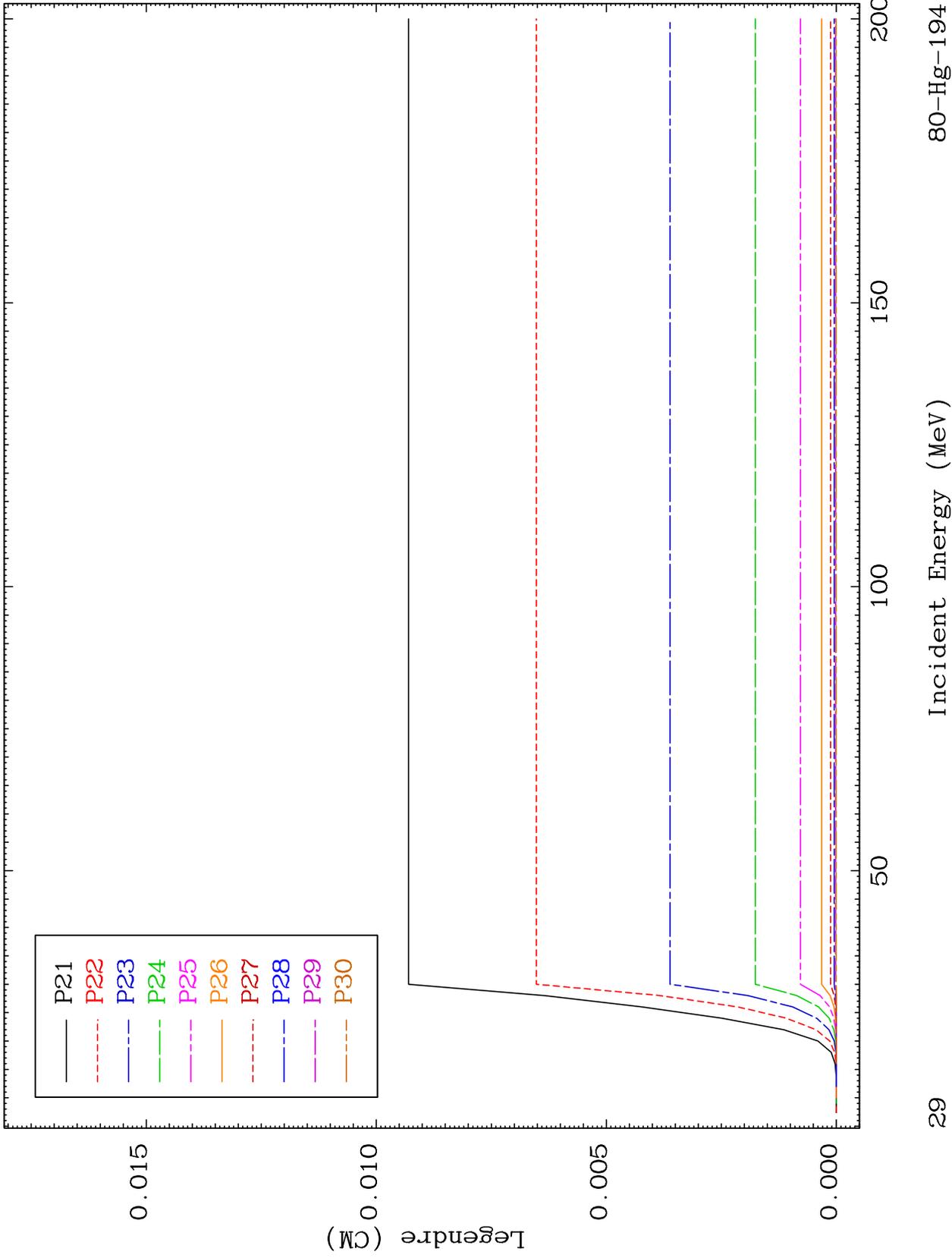
Incident Energy (MeV)

80-Hg-194

MAT 8019

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

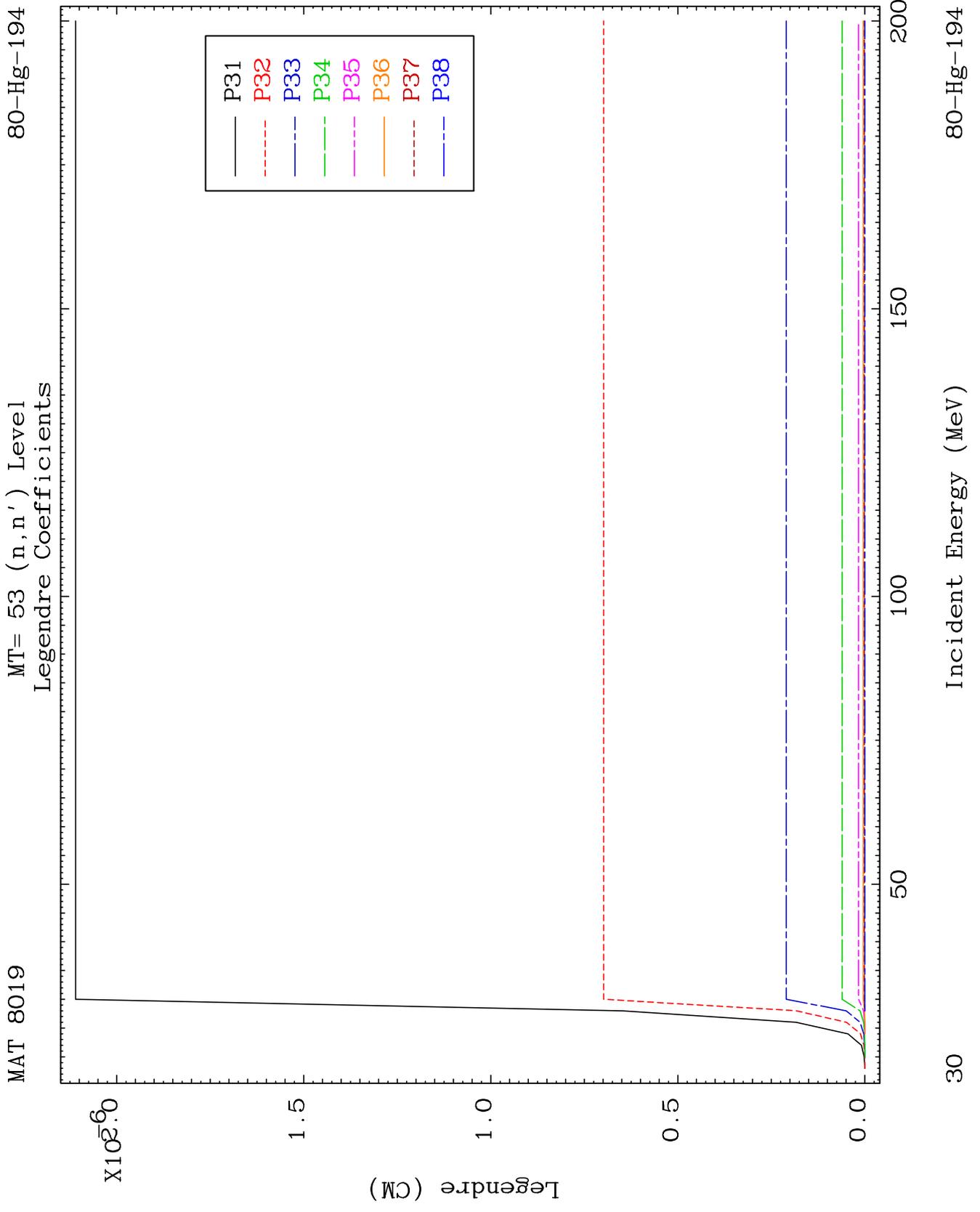
80-Hg-194



29

Incident Energy (MeV)

80-Hg-194



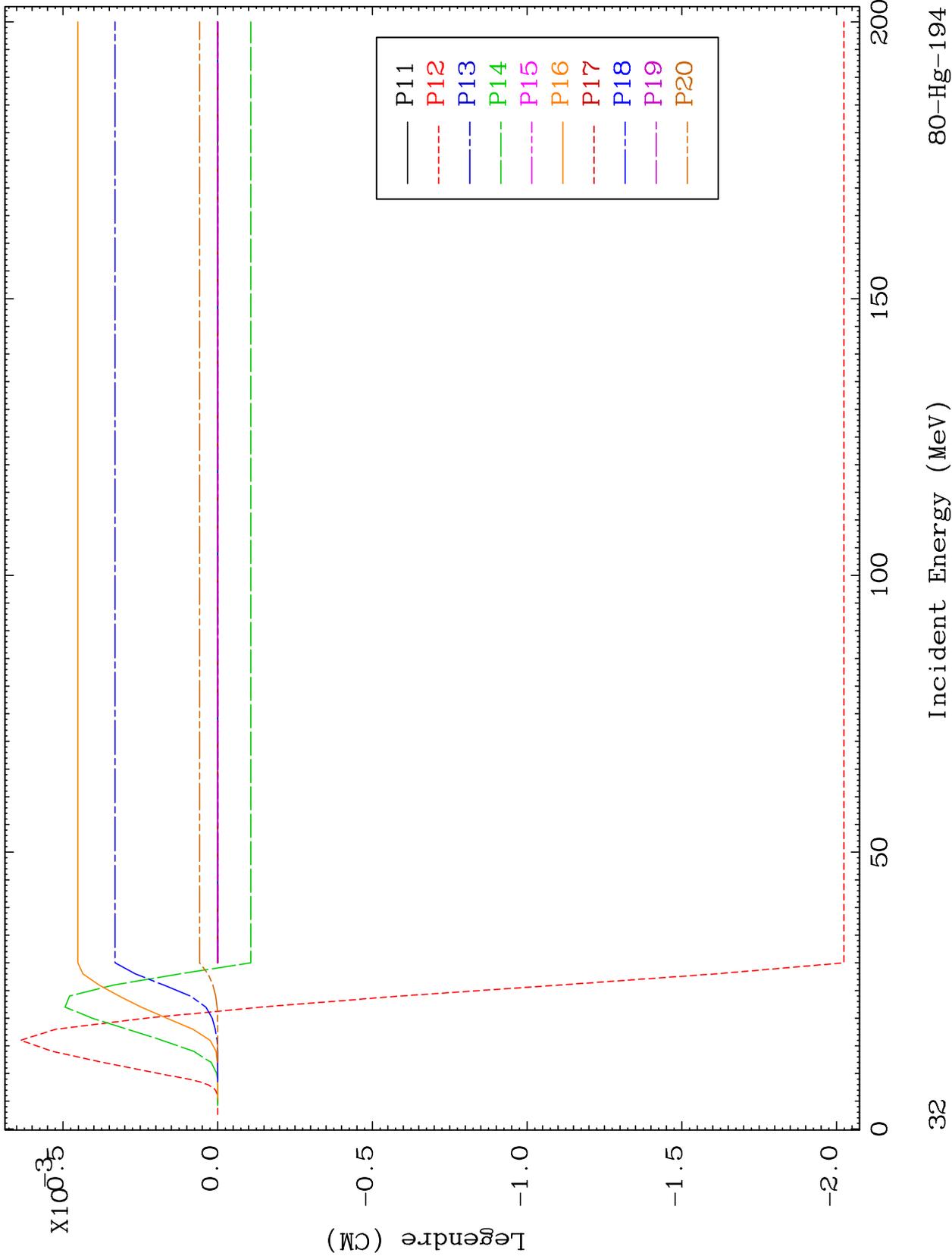




MAT 8019

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

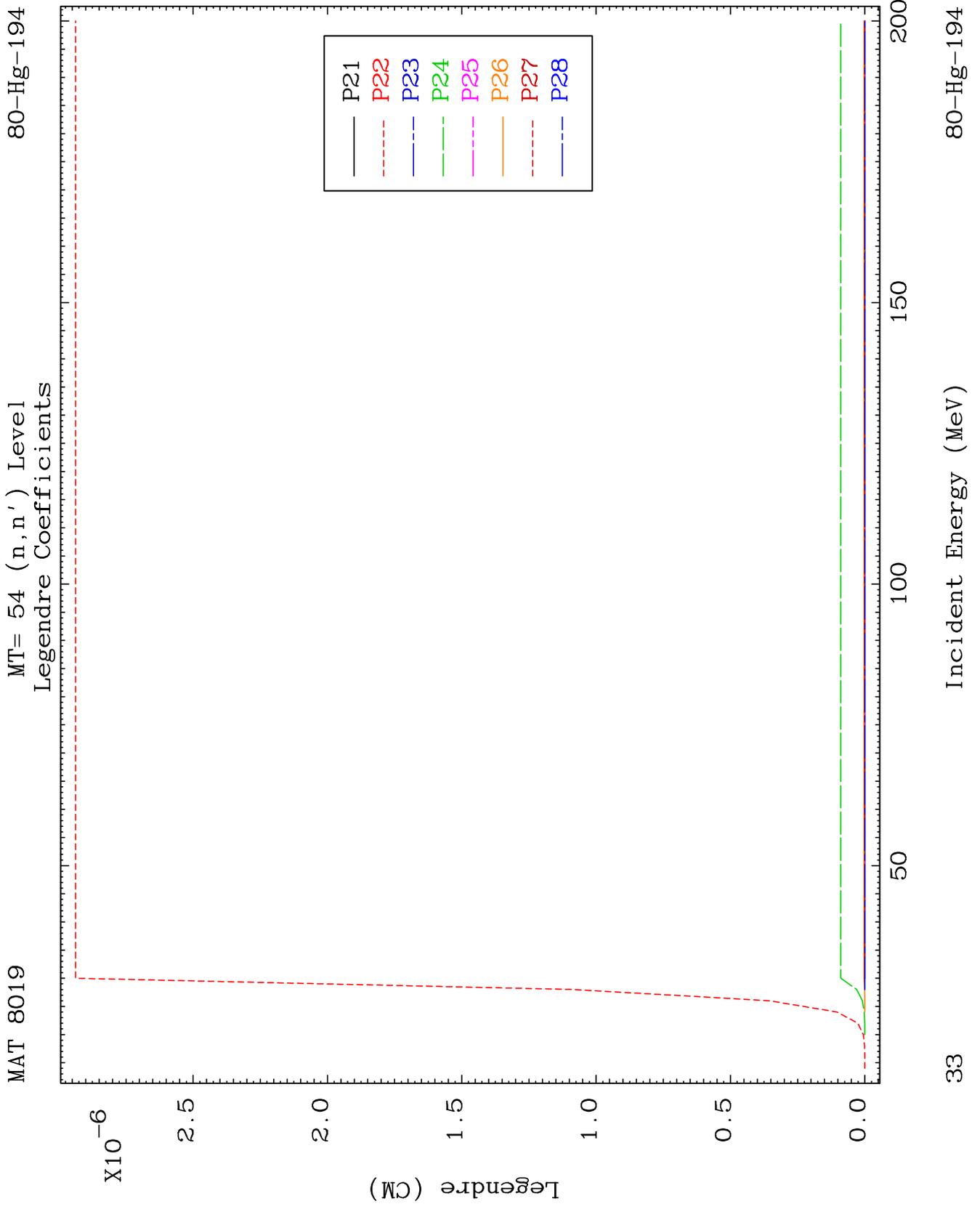
80-Hg-194



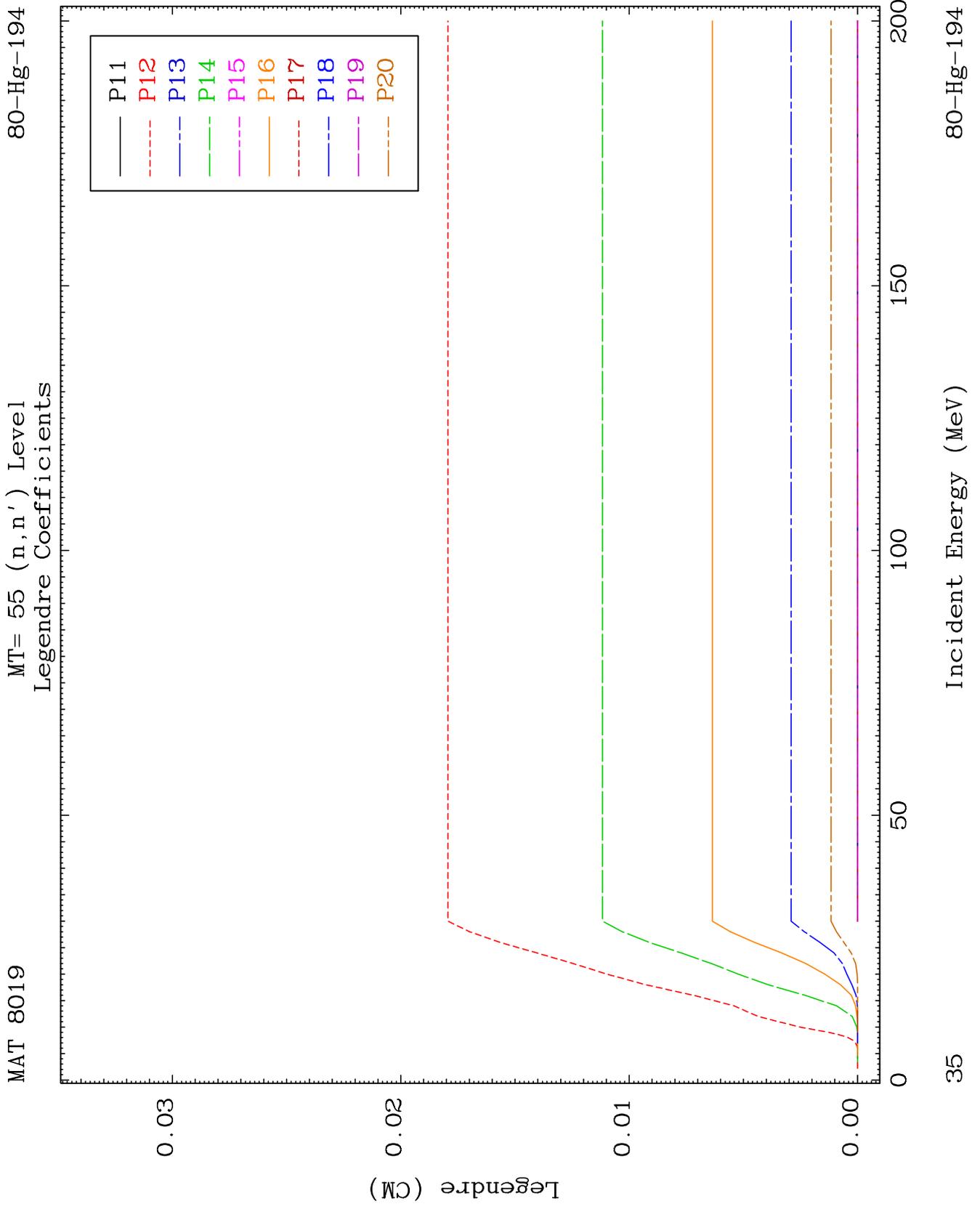
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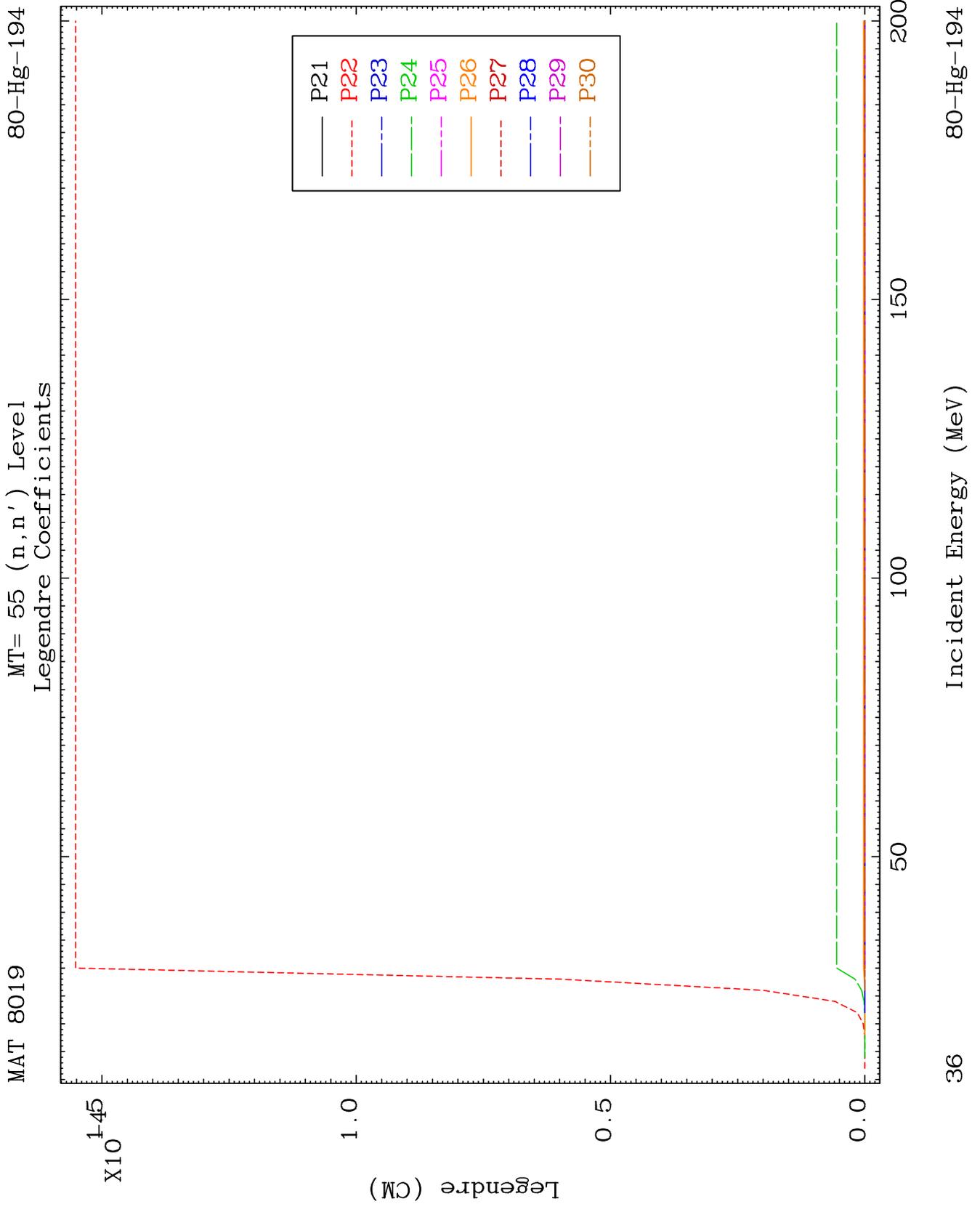
Incident Energy (MeV)

80-Hg-194





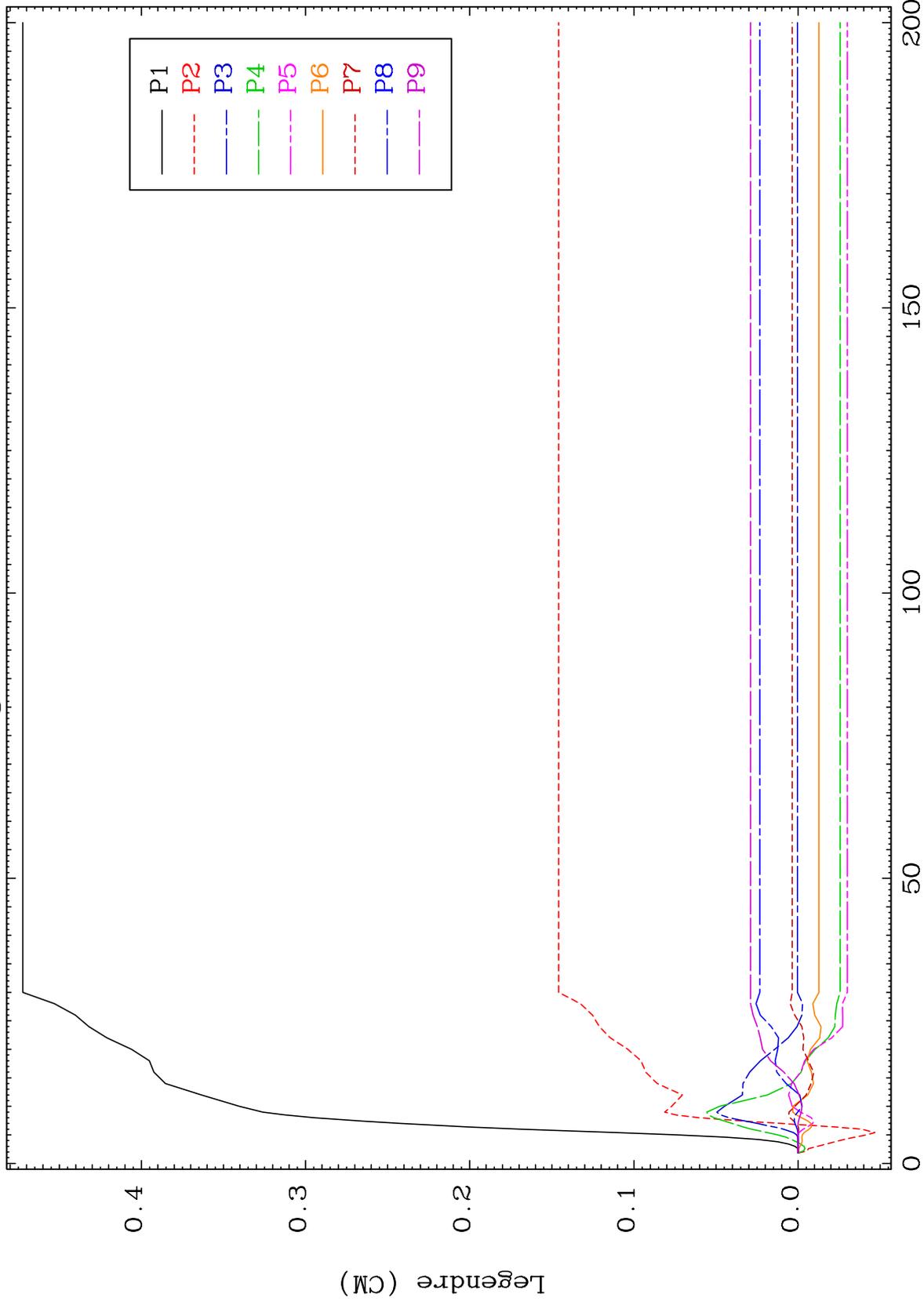




MAT 8019

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

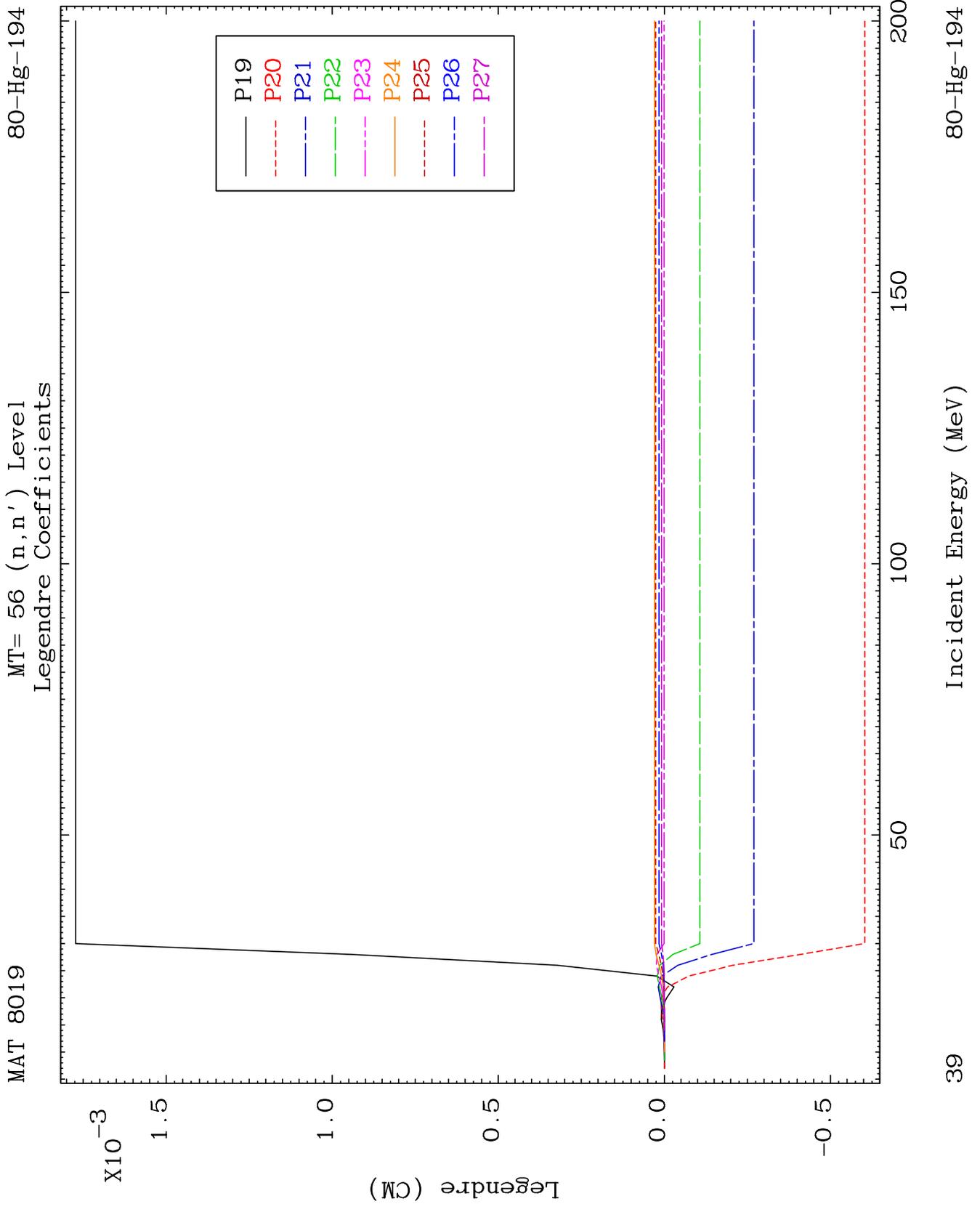
80-Hg-194



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80-Hg-194



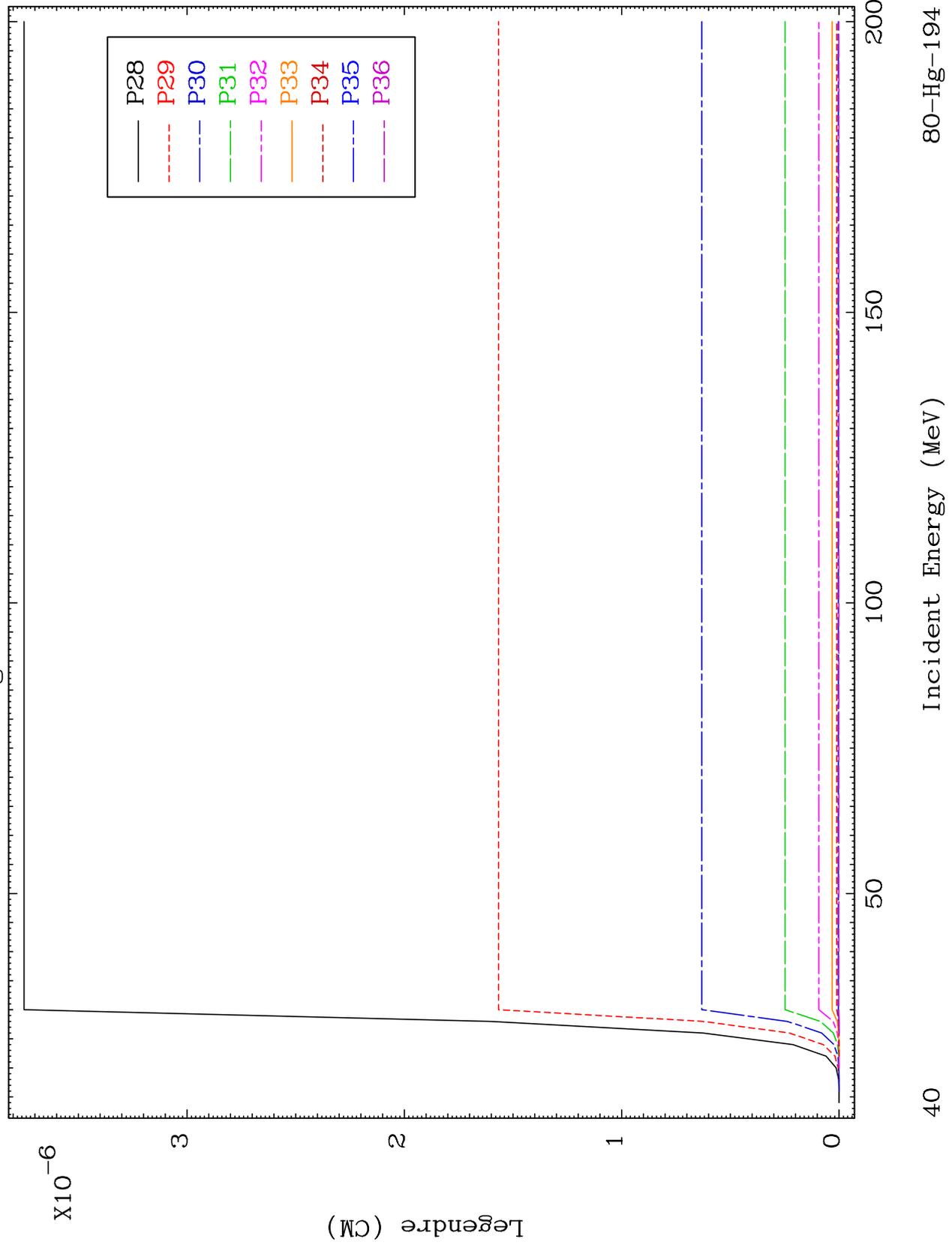




MAT 8019

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

80-Hg-194



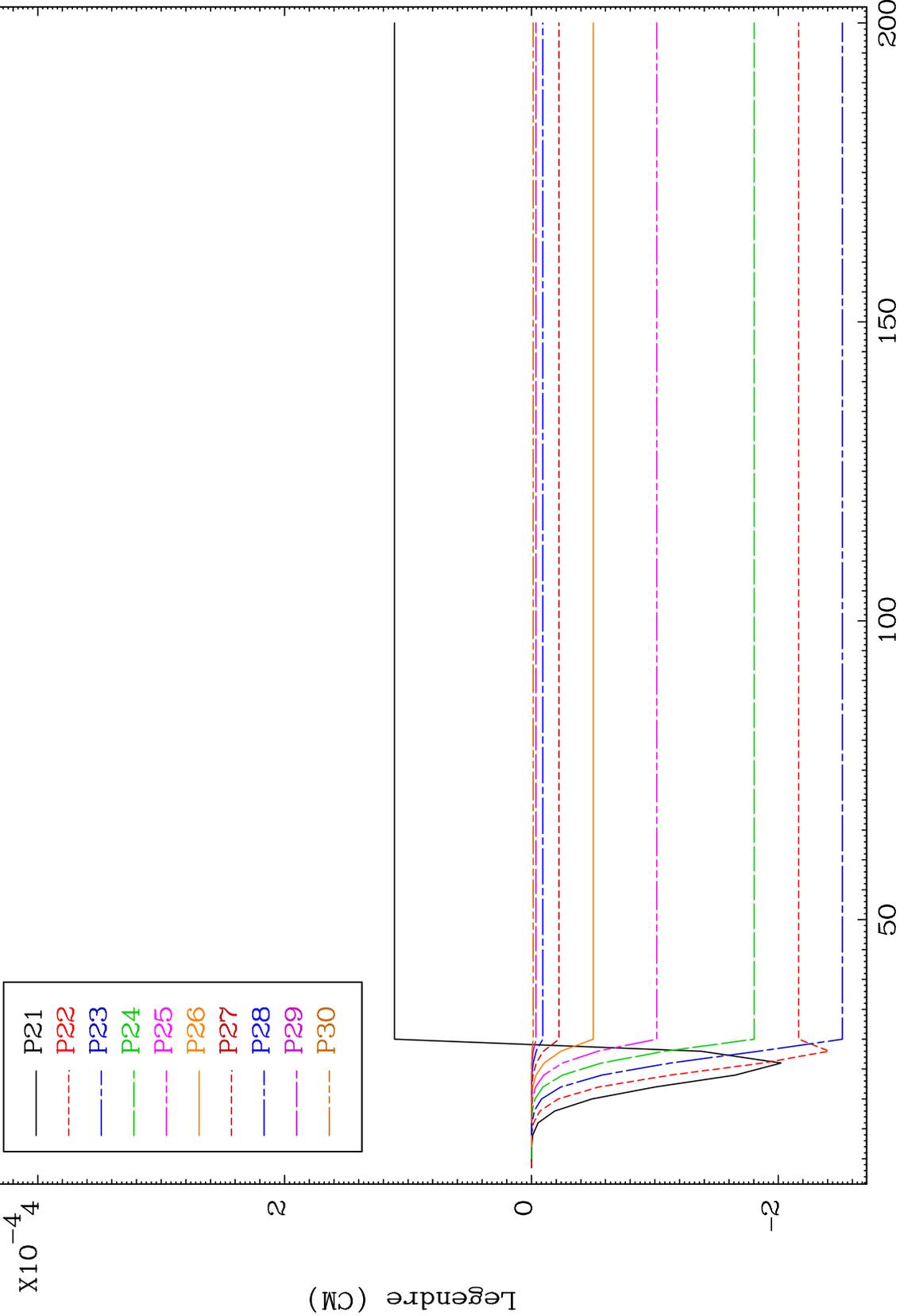
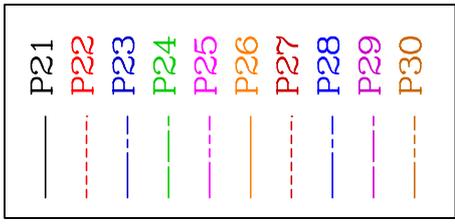




MAT 8019

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

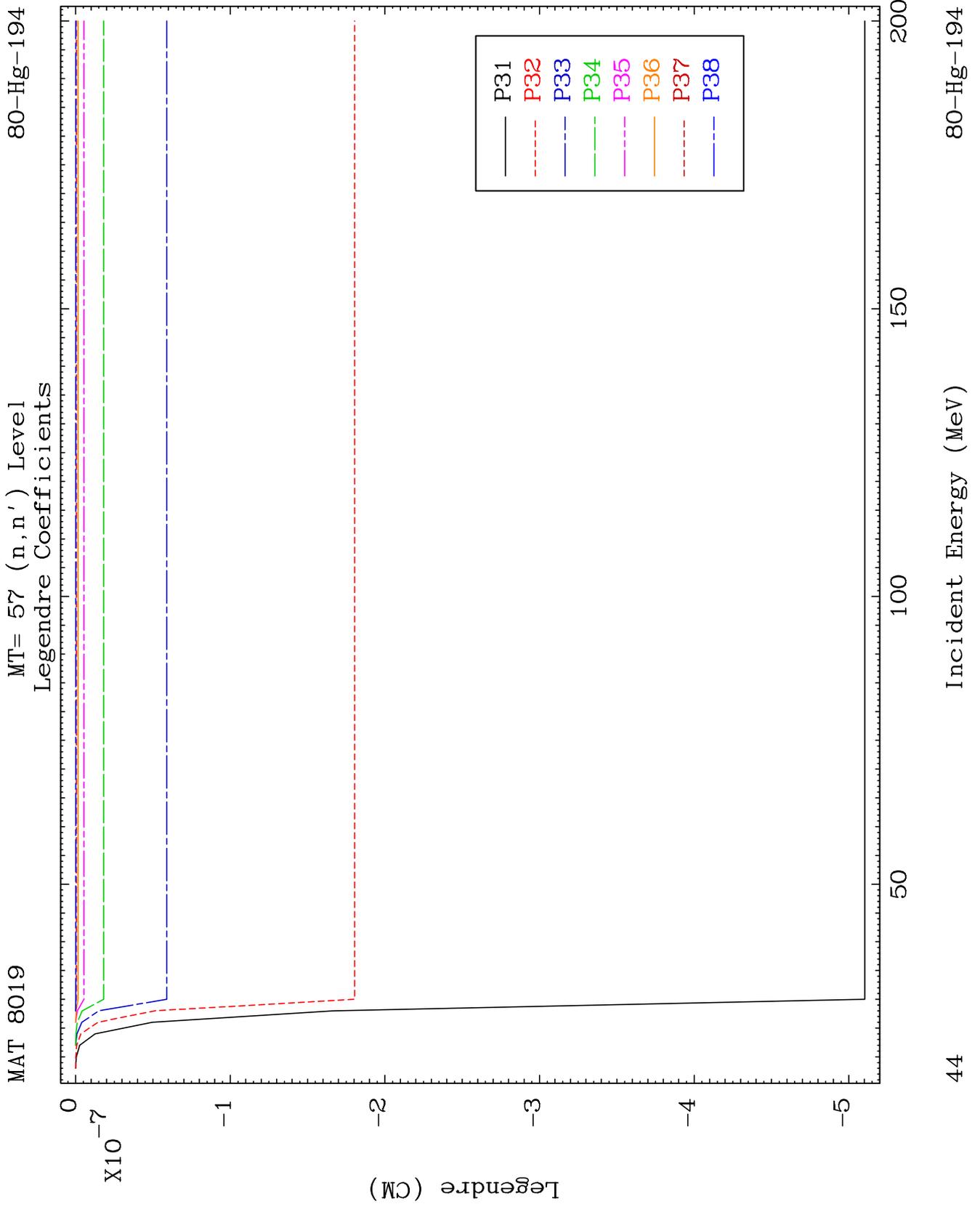
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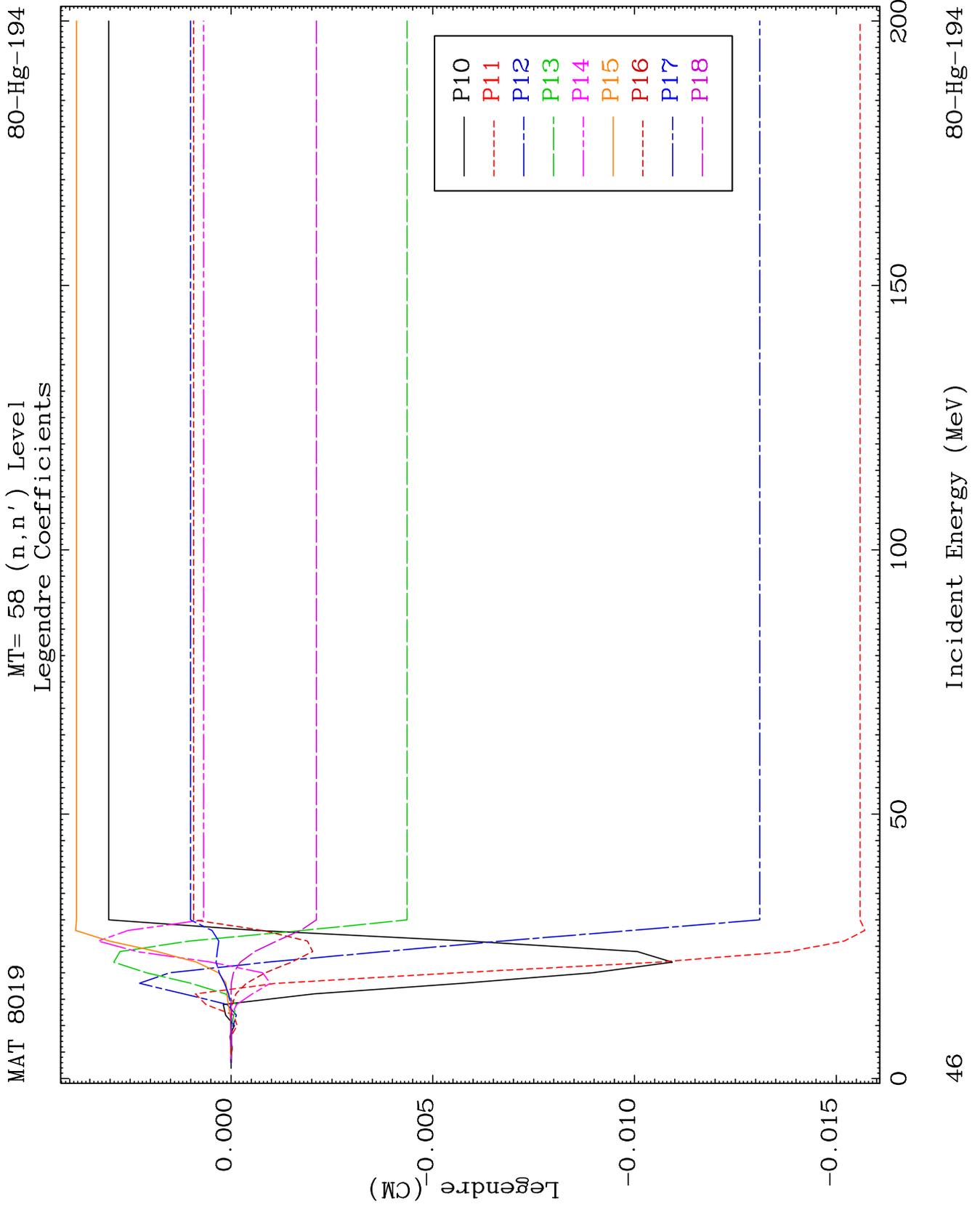
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Incident Energy (MeV)

80-Hg-194



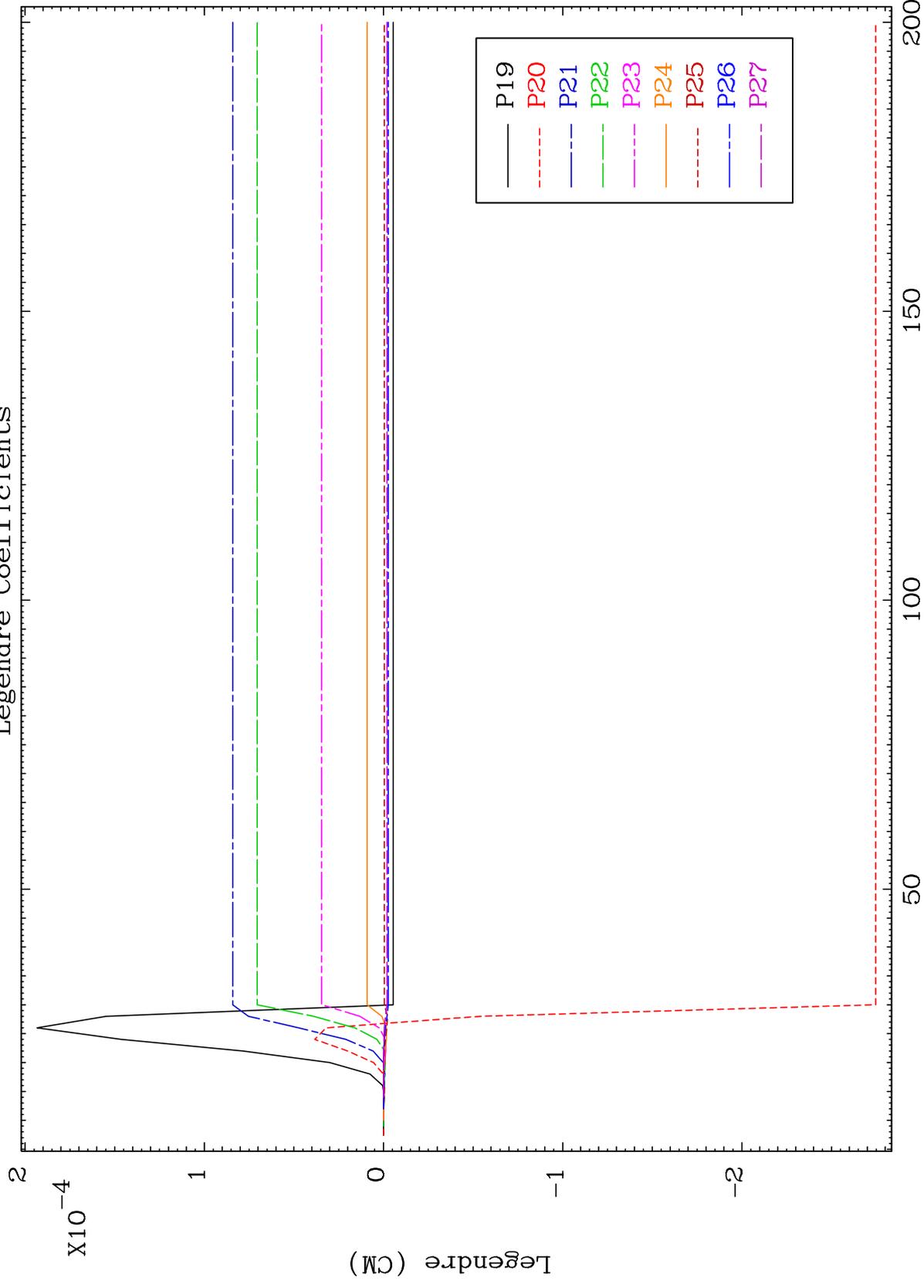




MAT 8019

MT= 58 (n,n') Level  
Legendre Coefficients

80-Hg-194

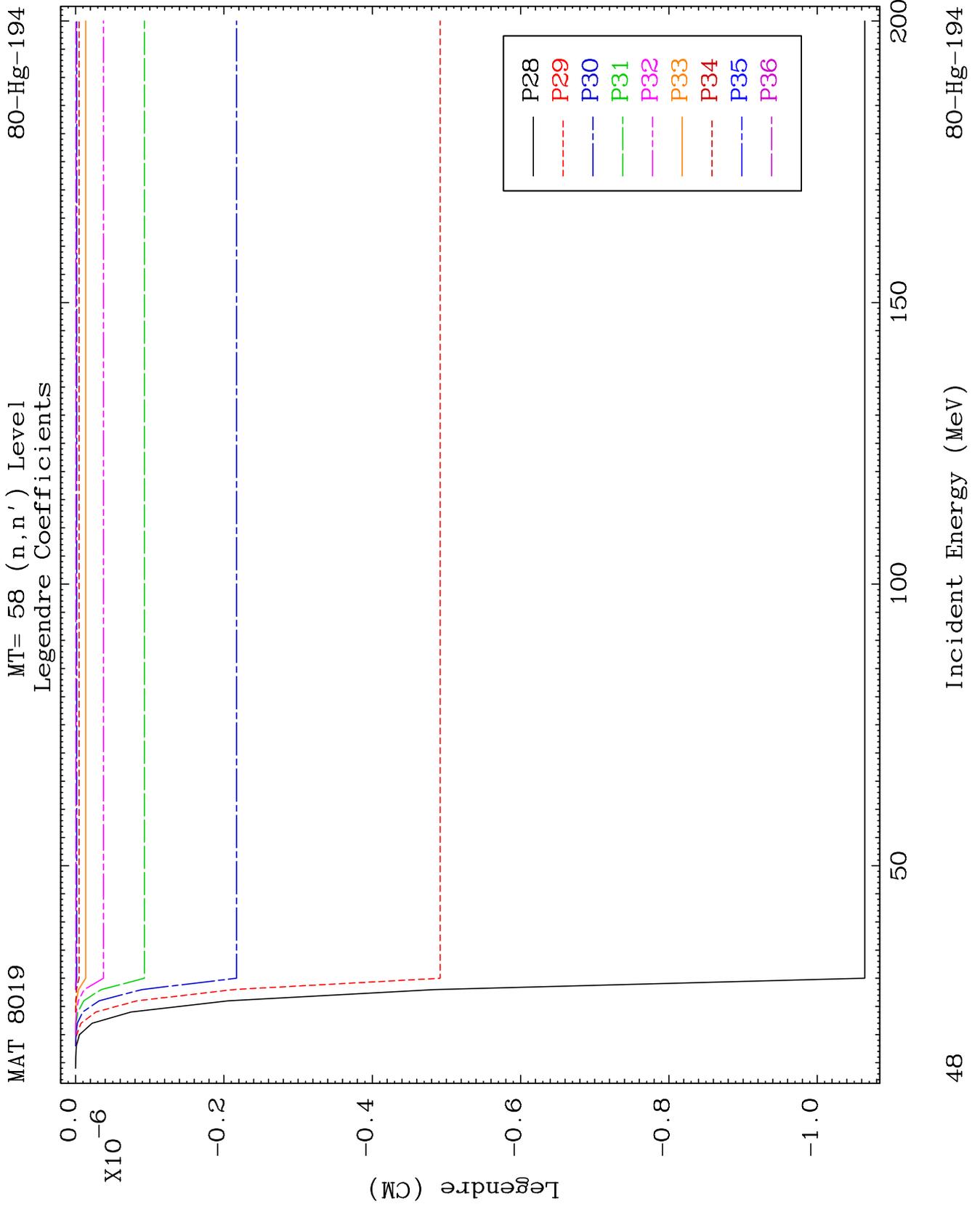


47

Incident Energy (MeV)

80-Hg-194



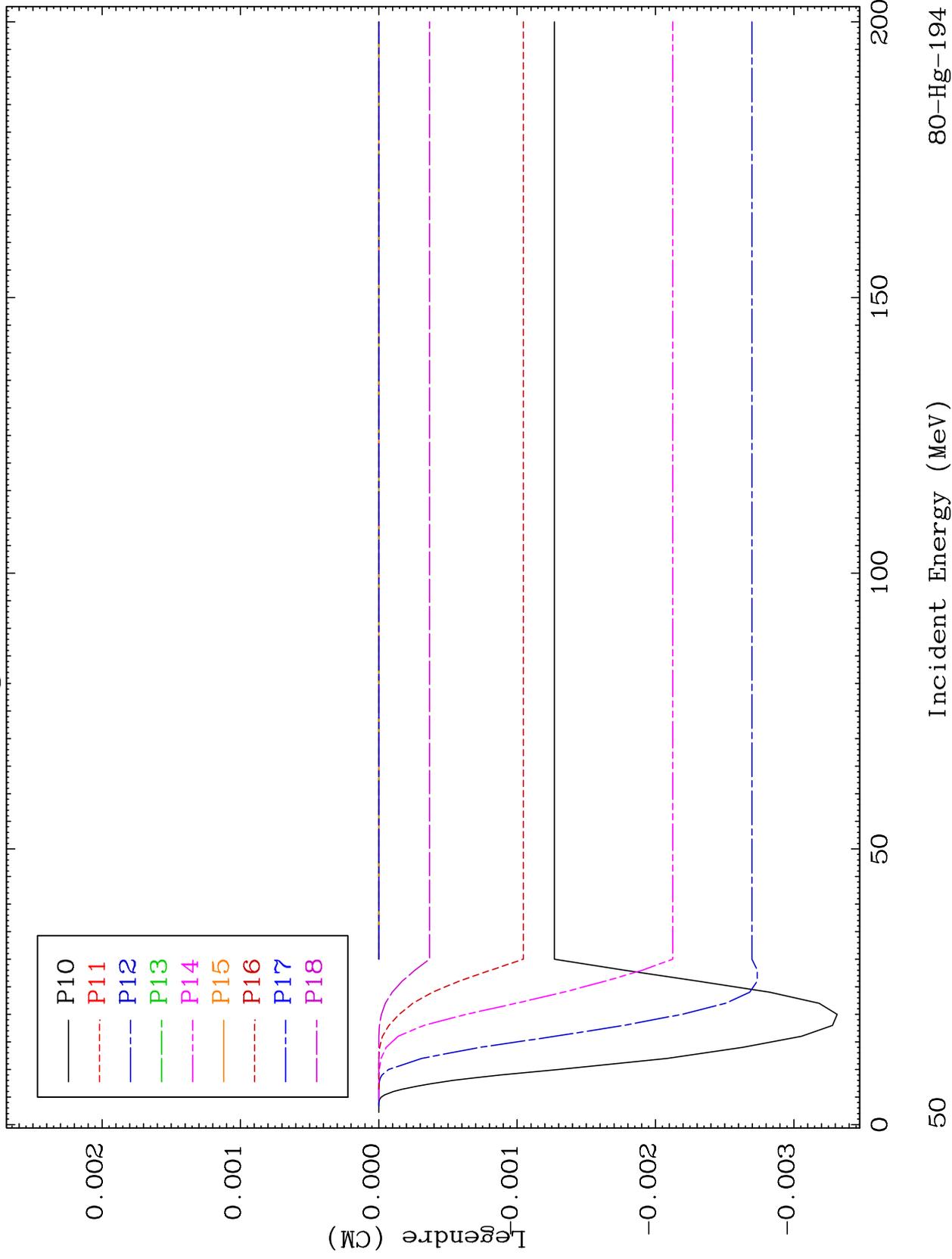




MAT 8019

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

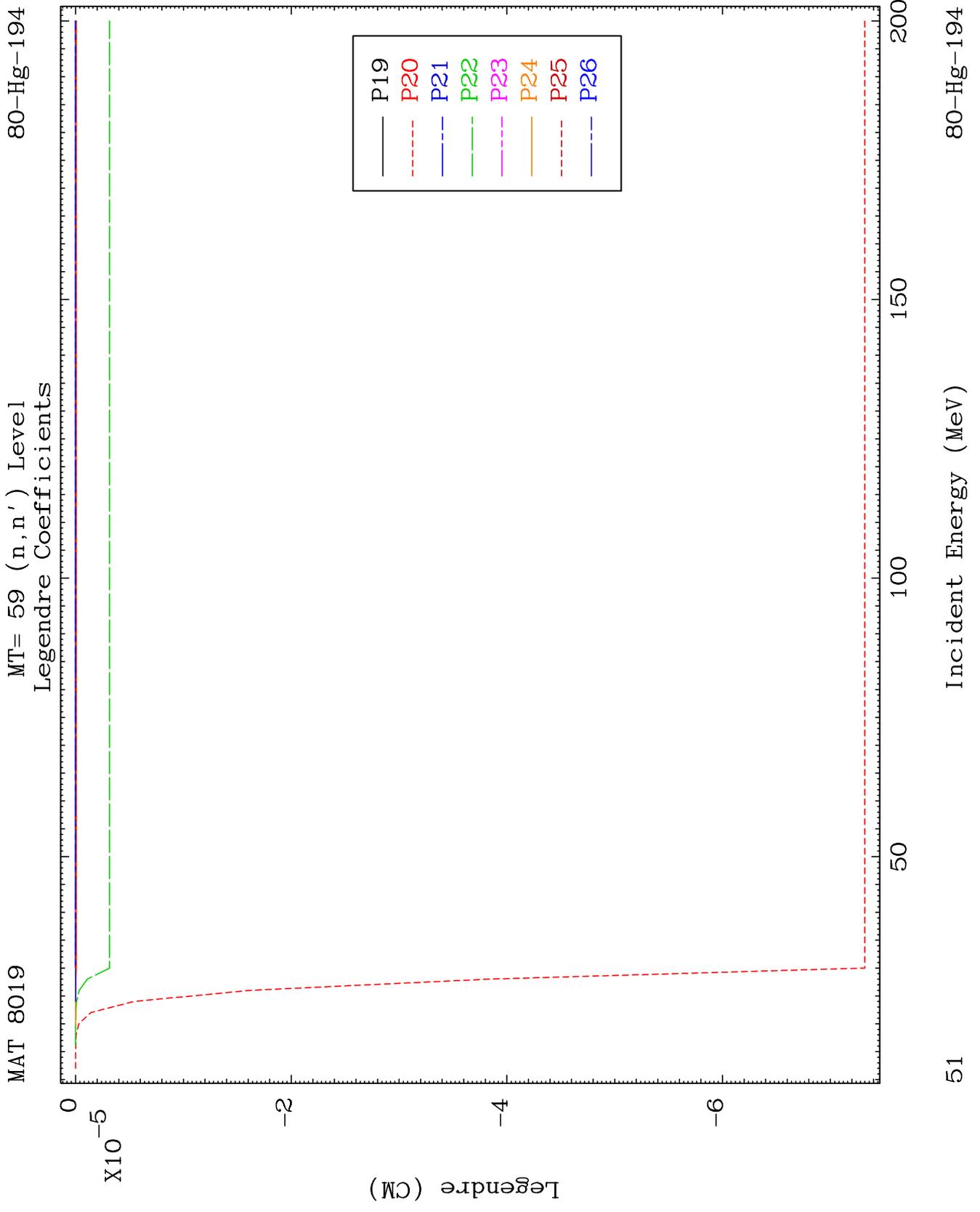
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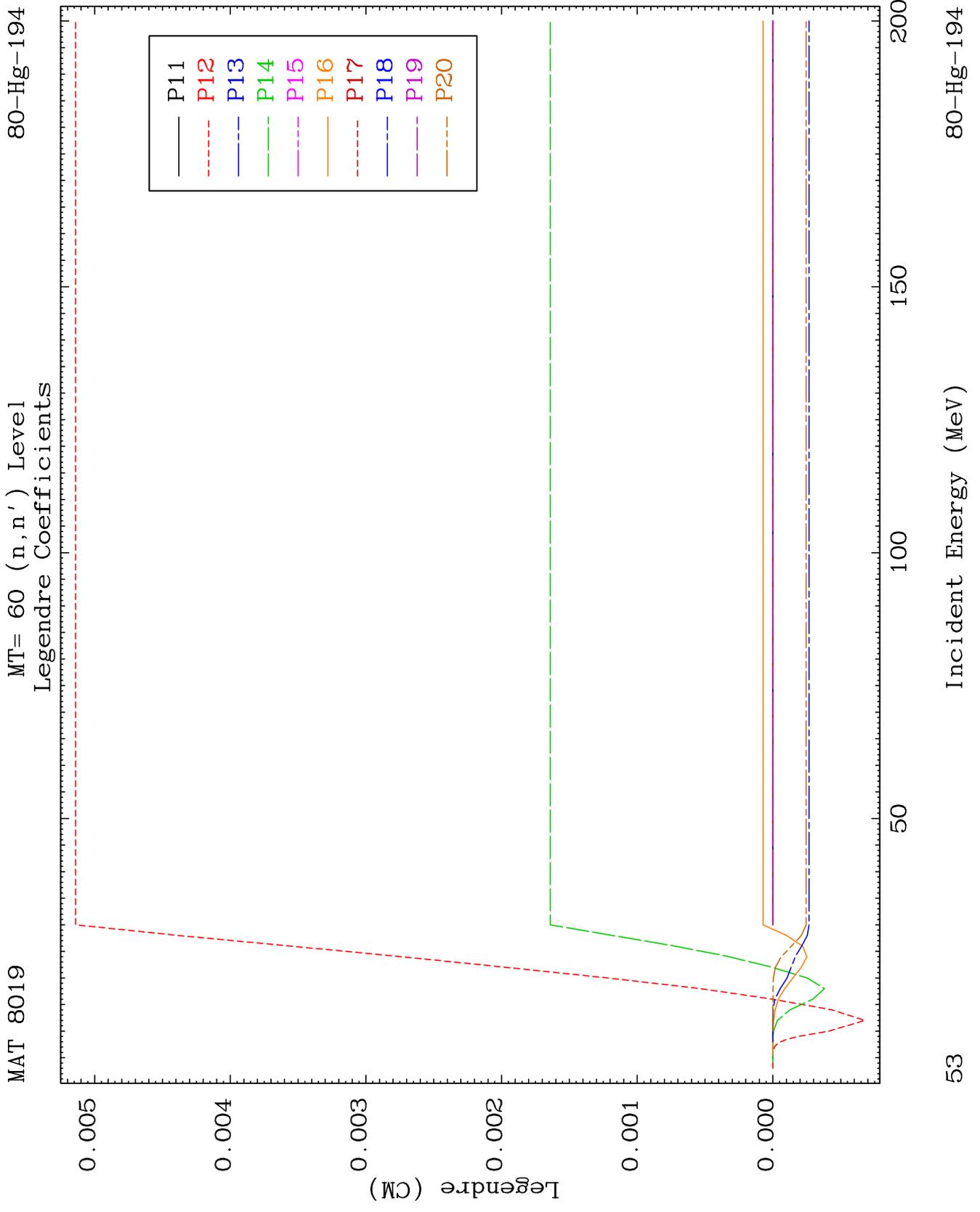
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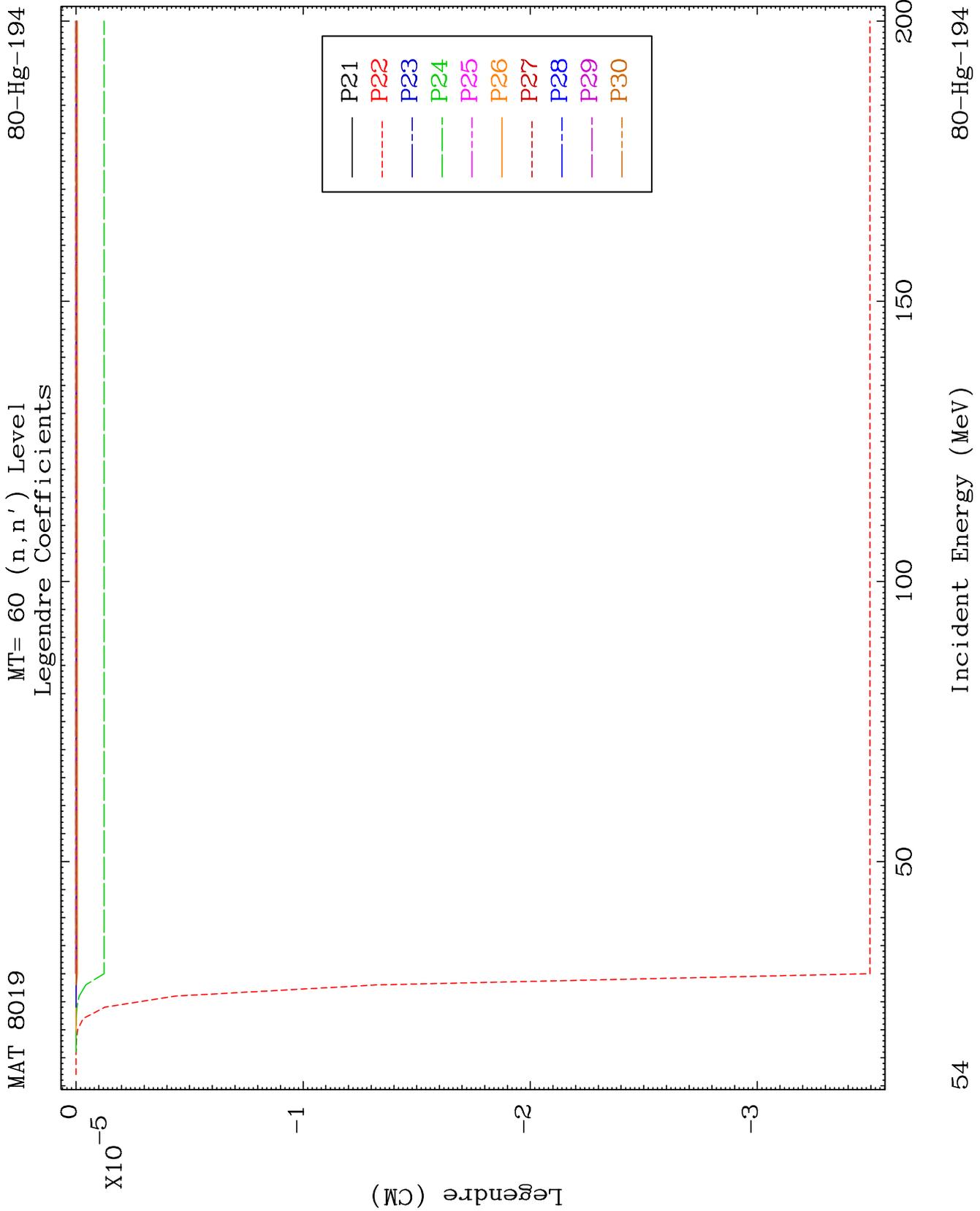
Incident Energy (MeV)

50



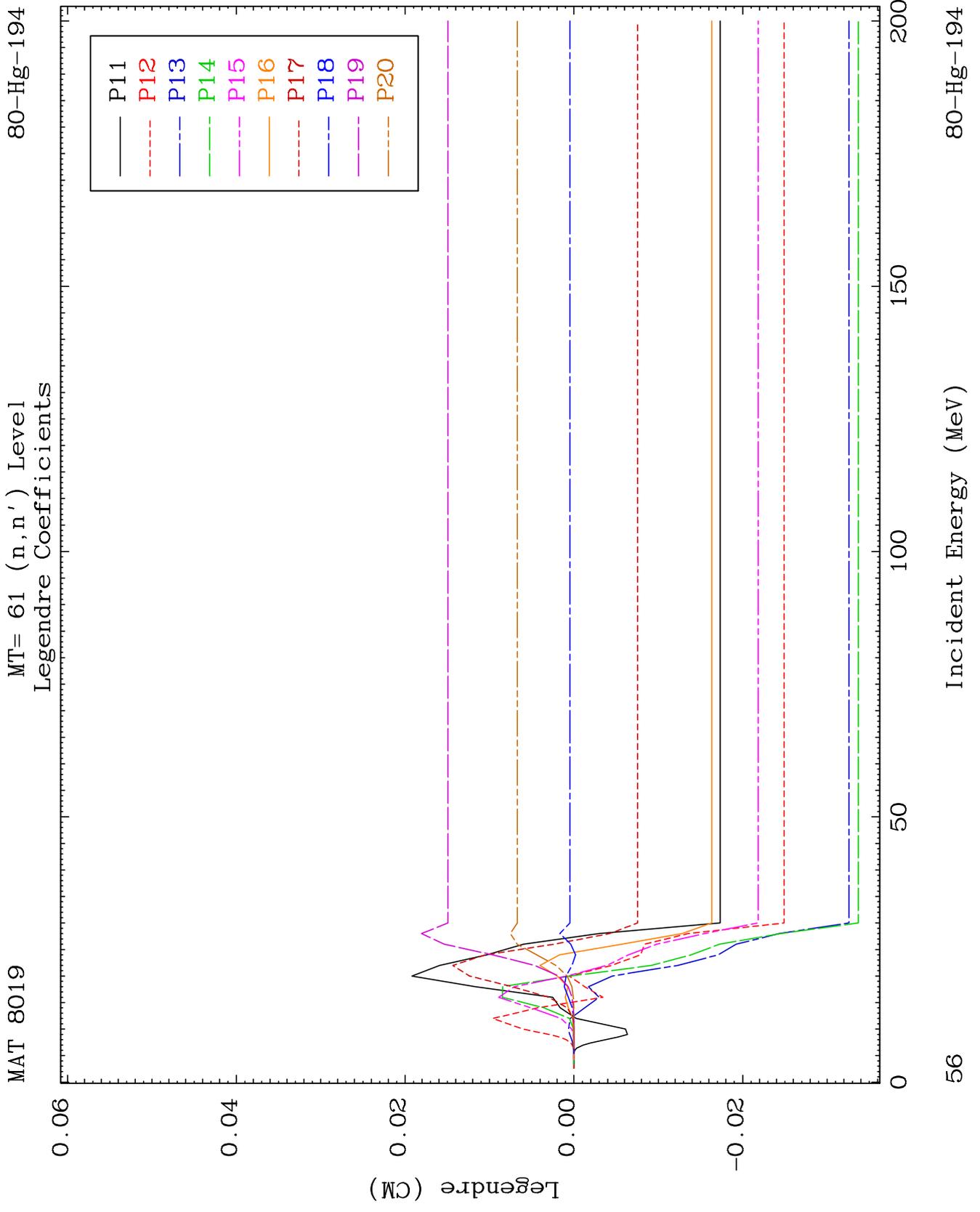








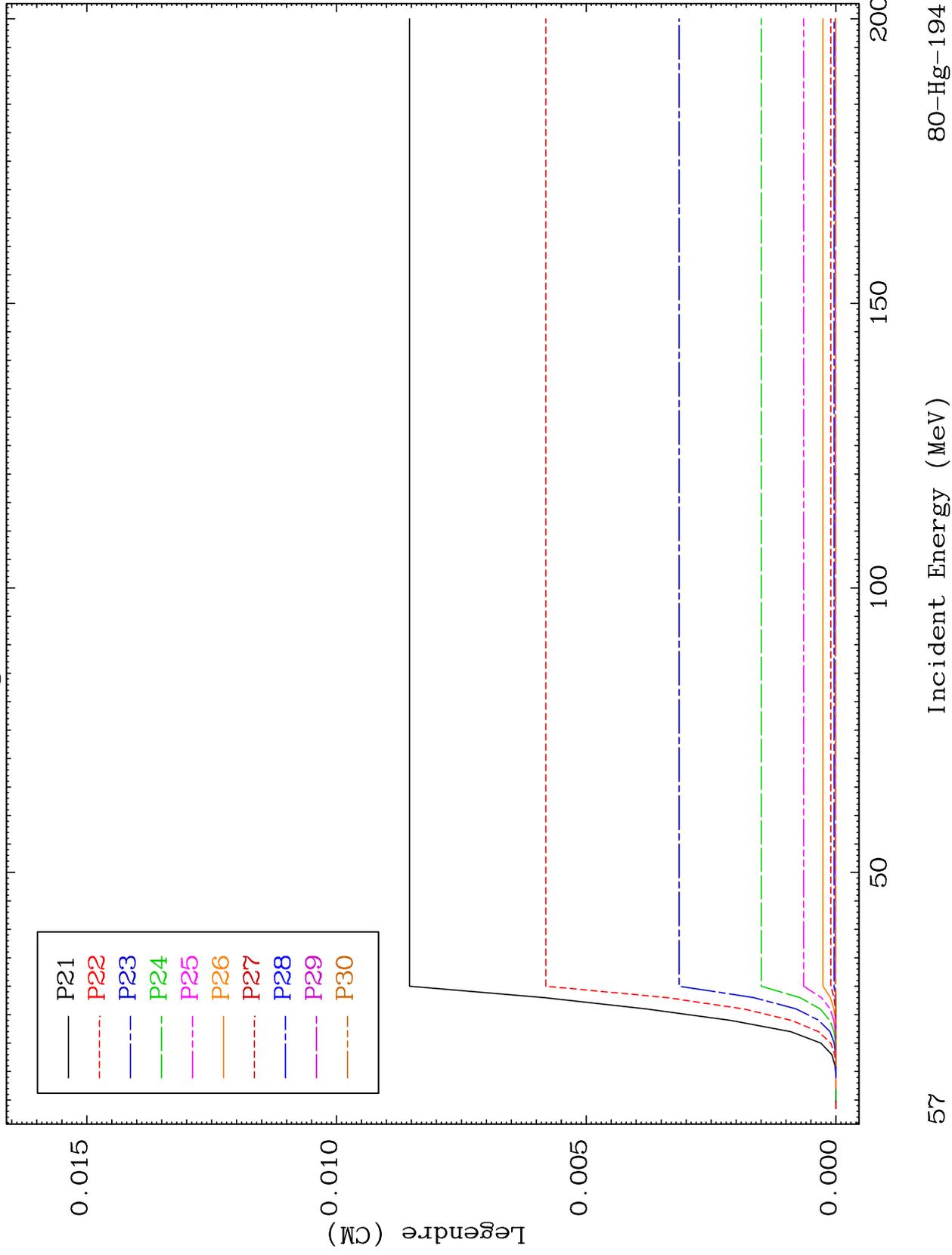




MAT 8019

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

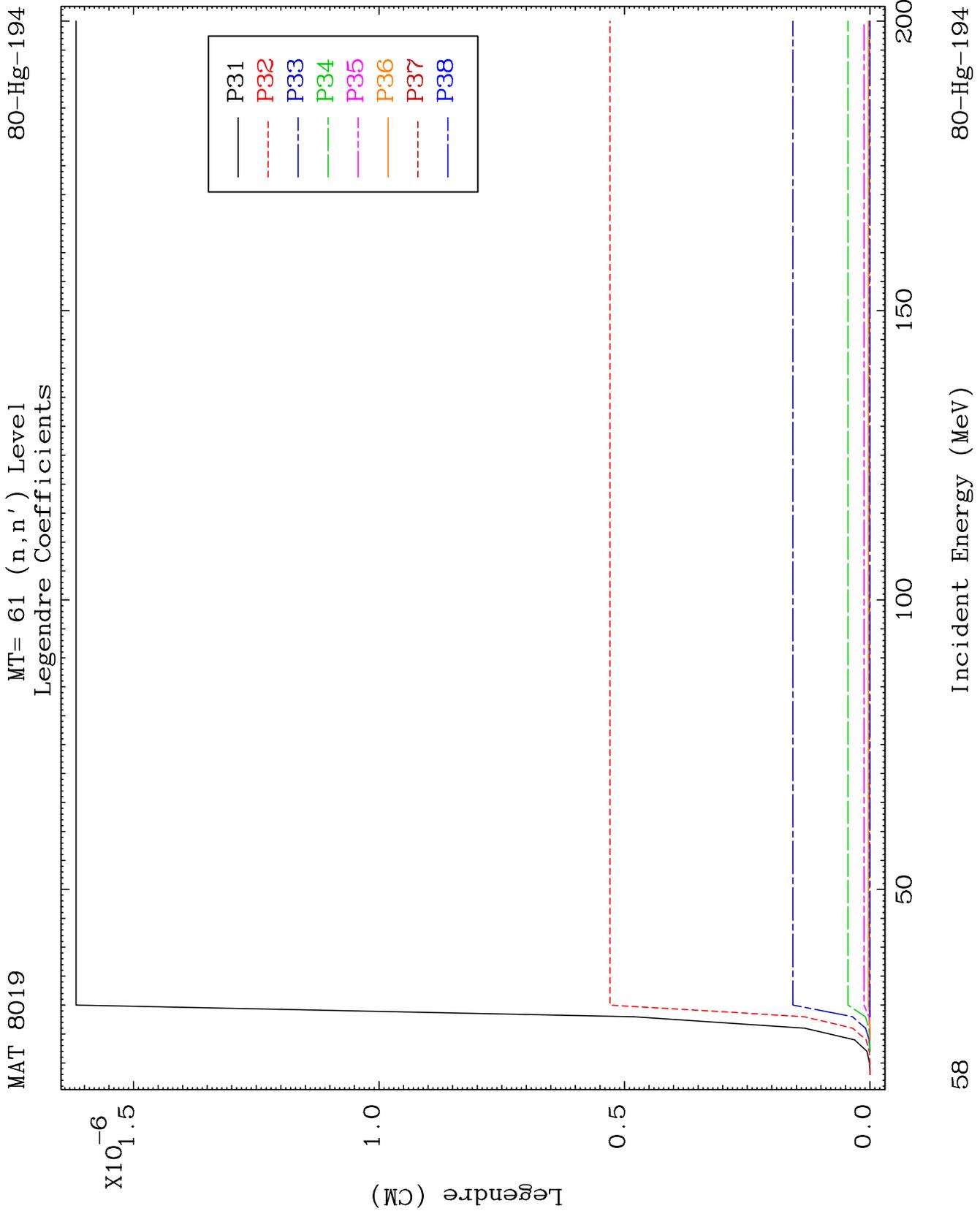
80-Hg-194



57

80-Hg-194

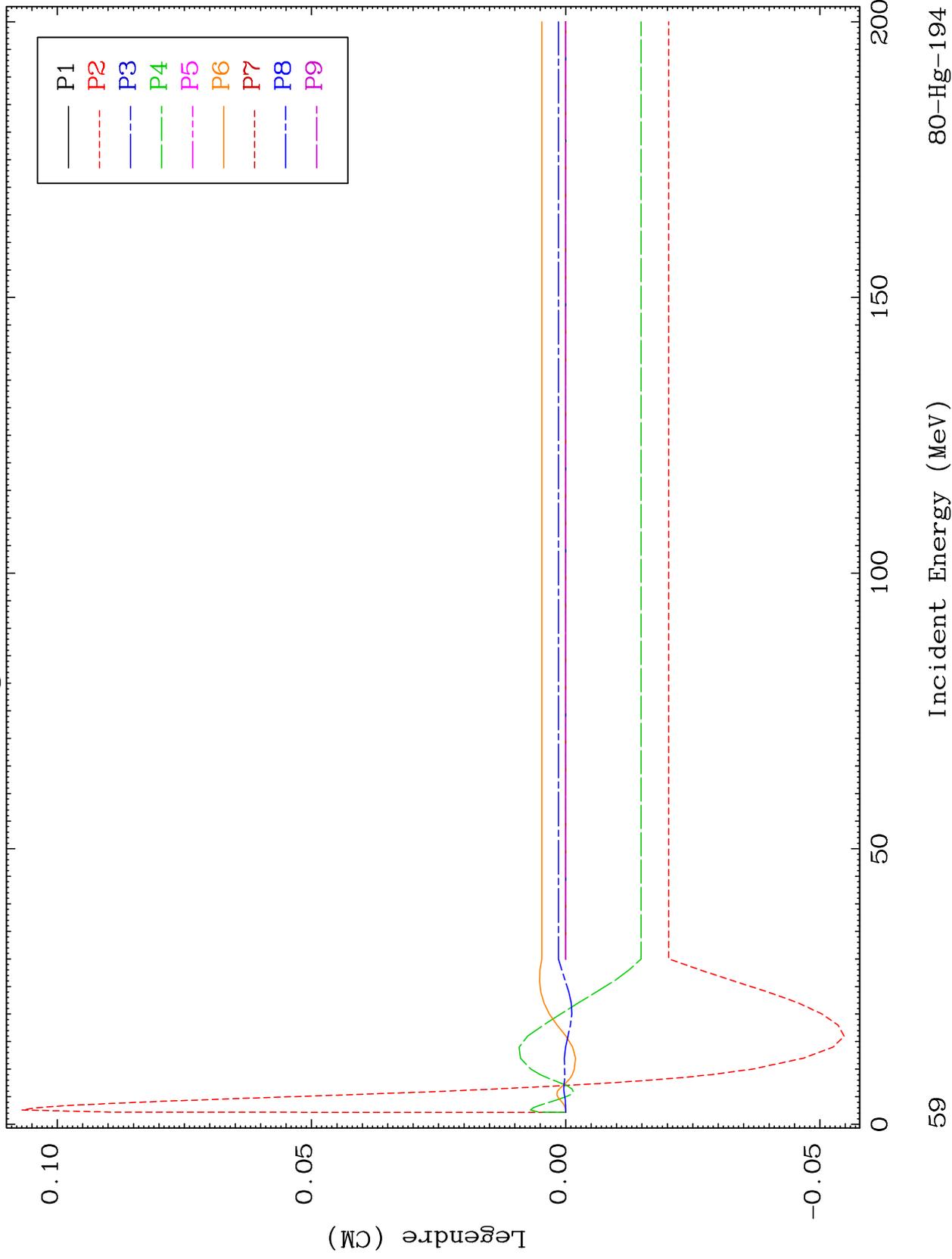
Incident Energy (MeV)



MAT 8019

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

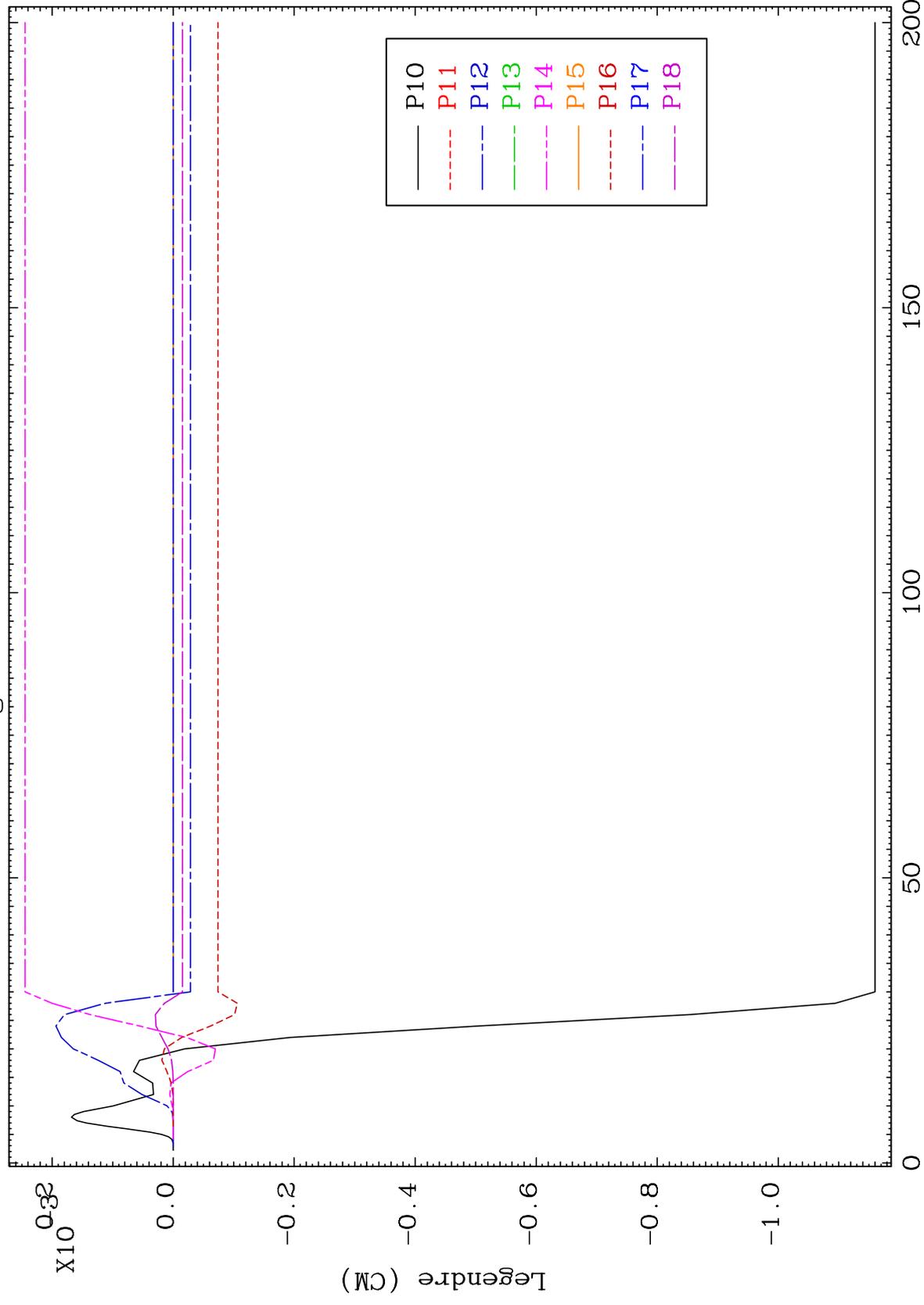
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MAT 8019

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

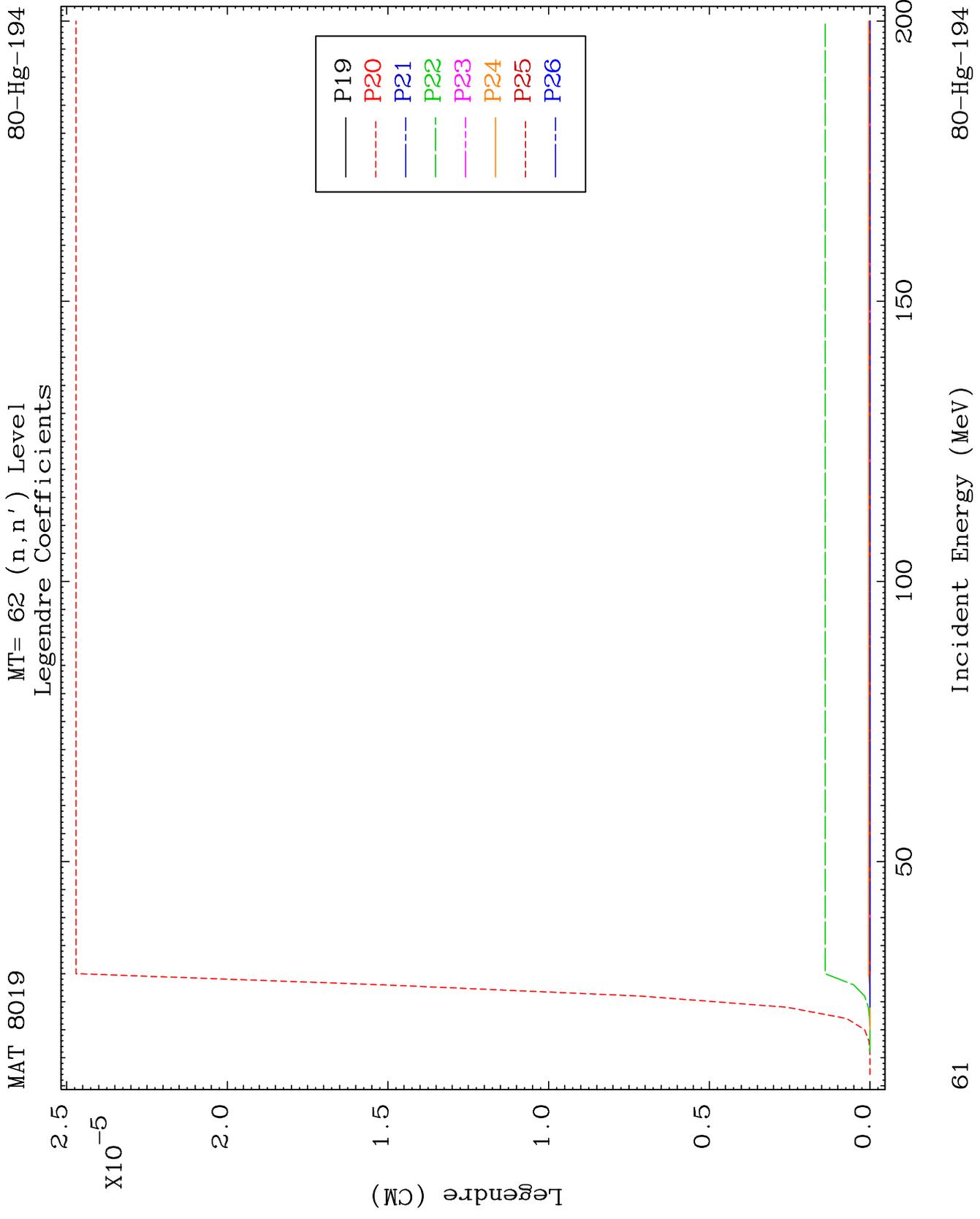
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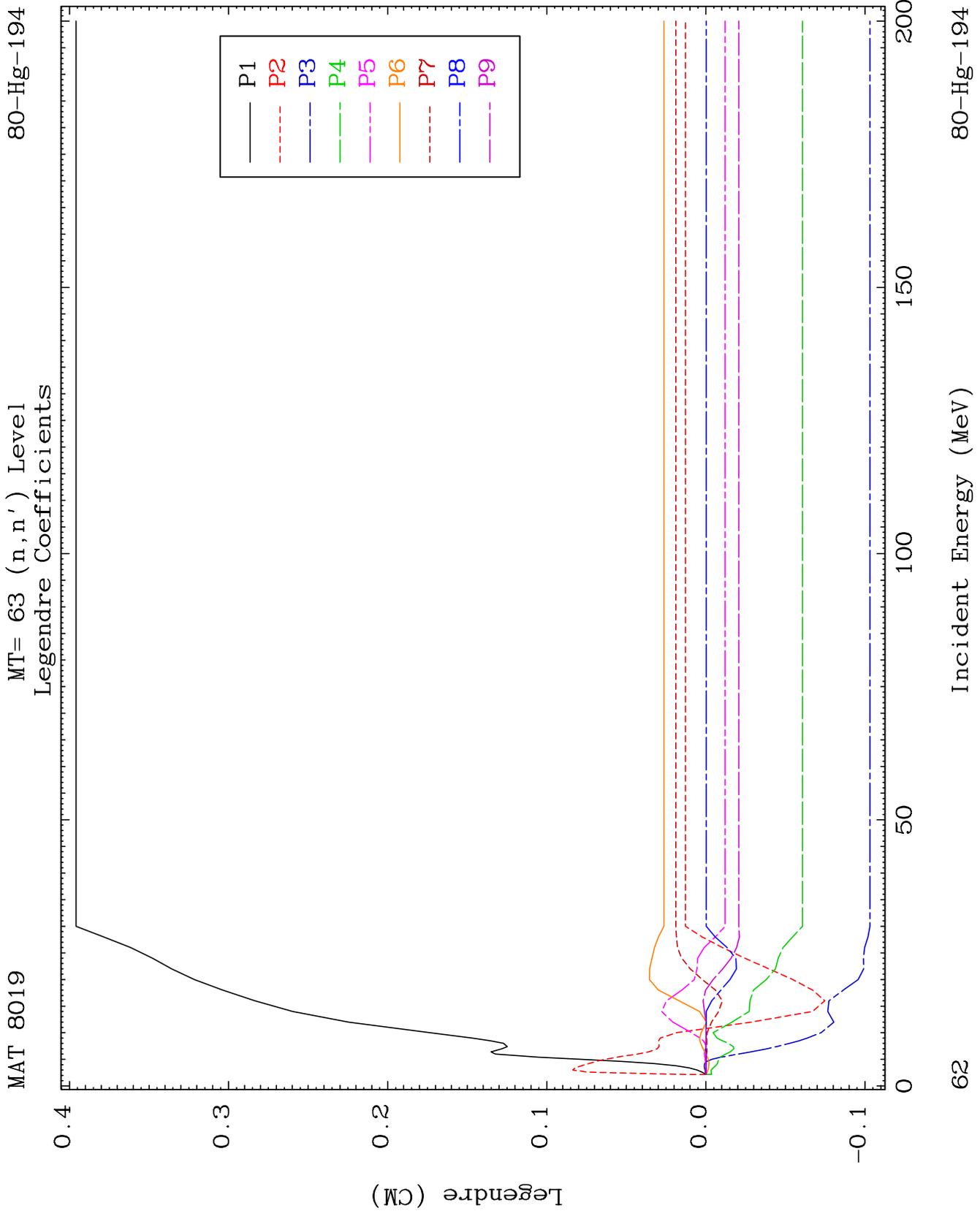


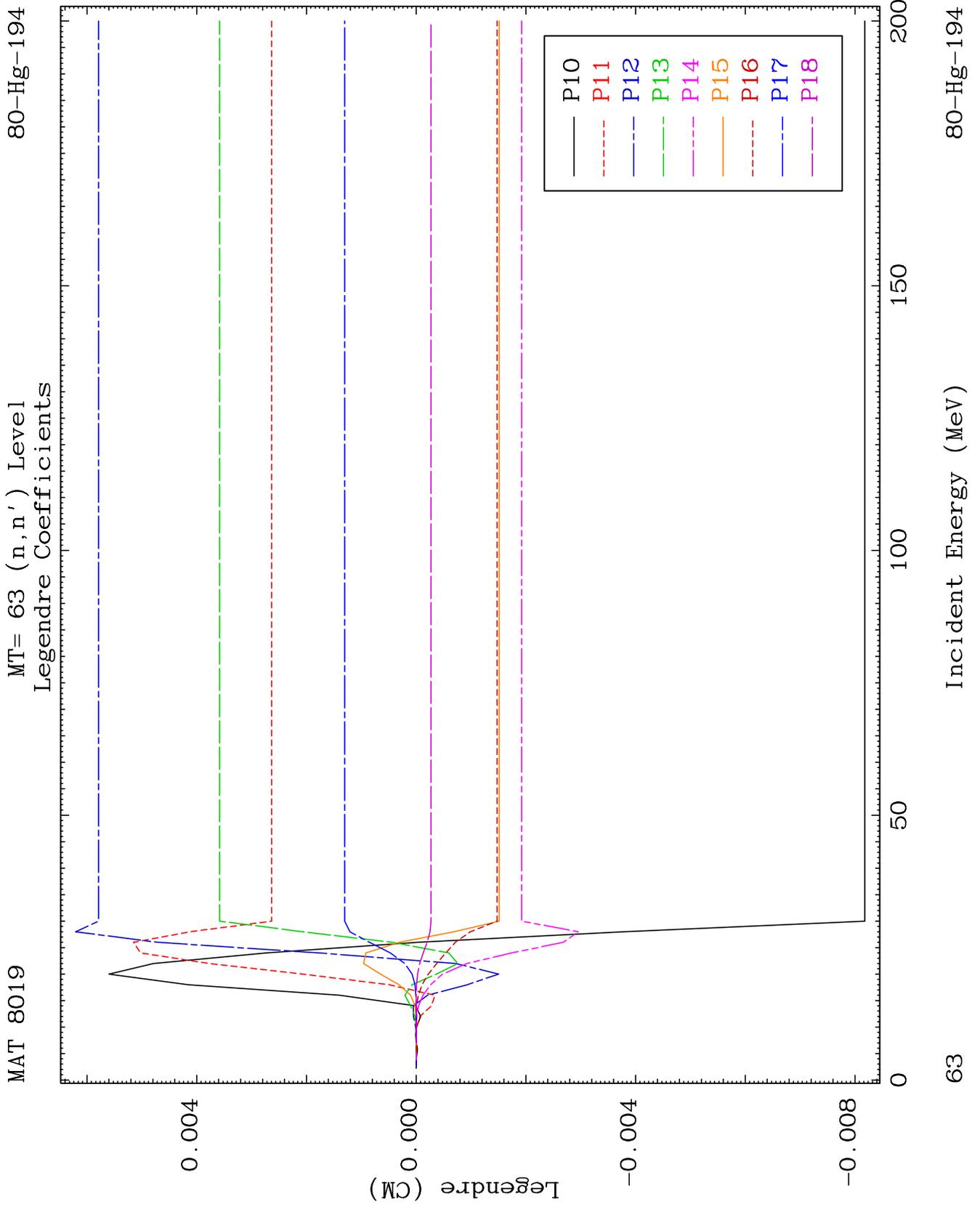
80-Hg-194

Incident Energy (MeV)

60





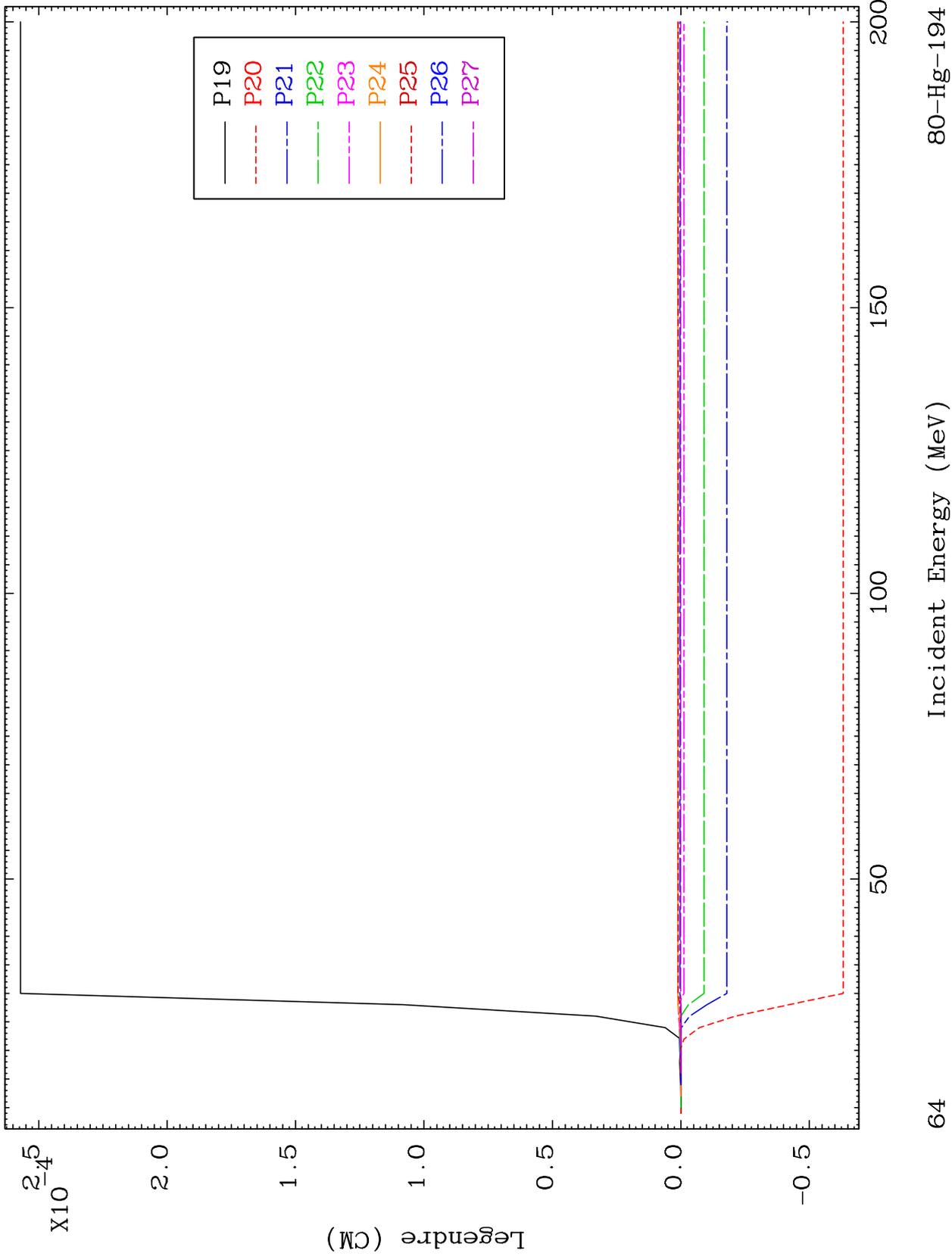




MAT 8019

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

80-Hg-194



64

80-Hg-194

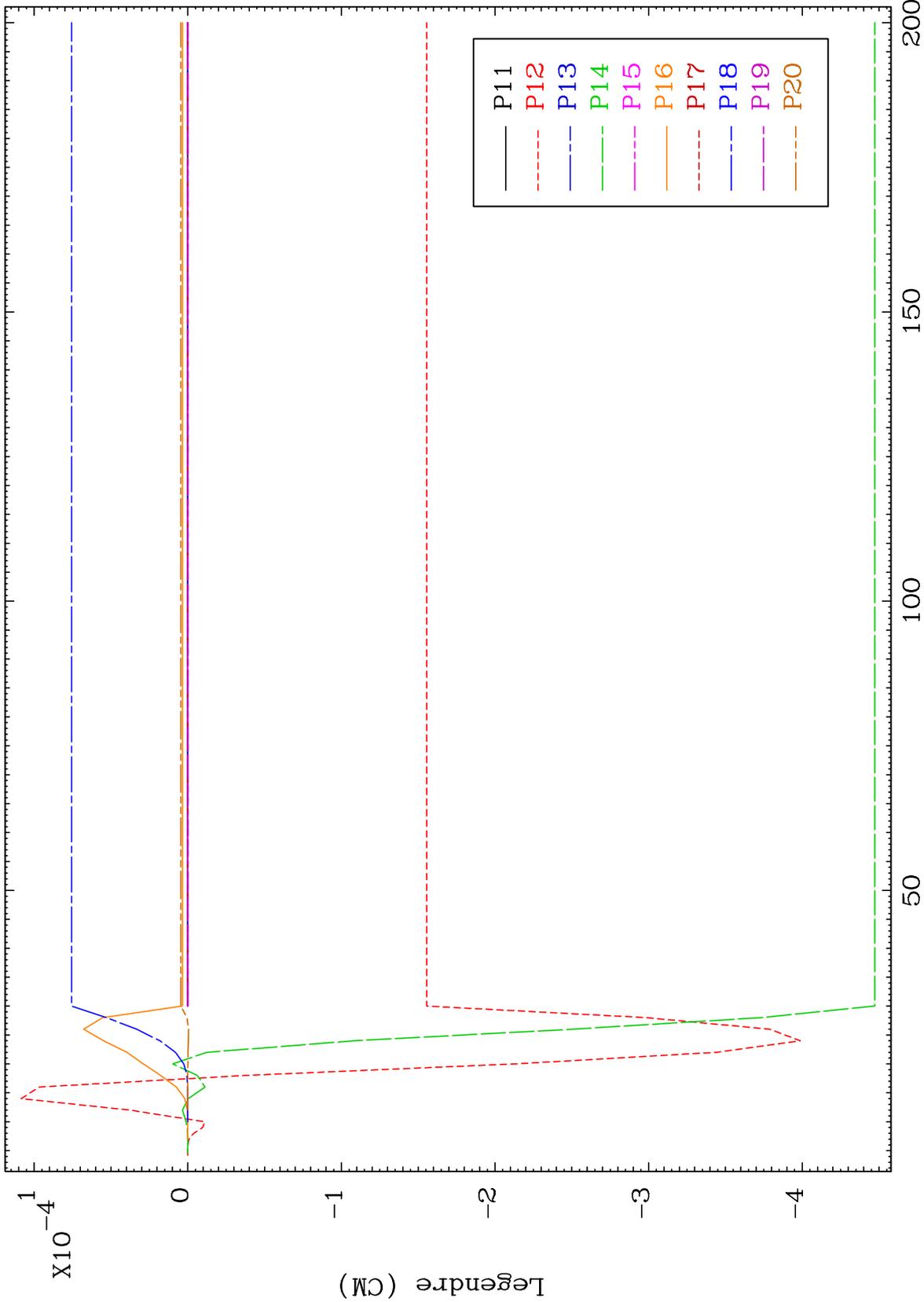




MAT 8019

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

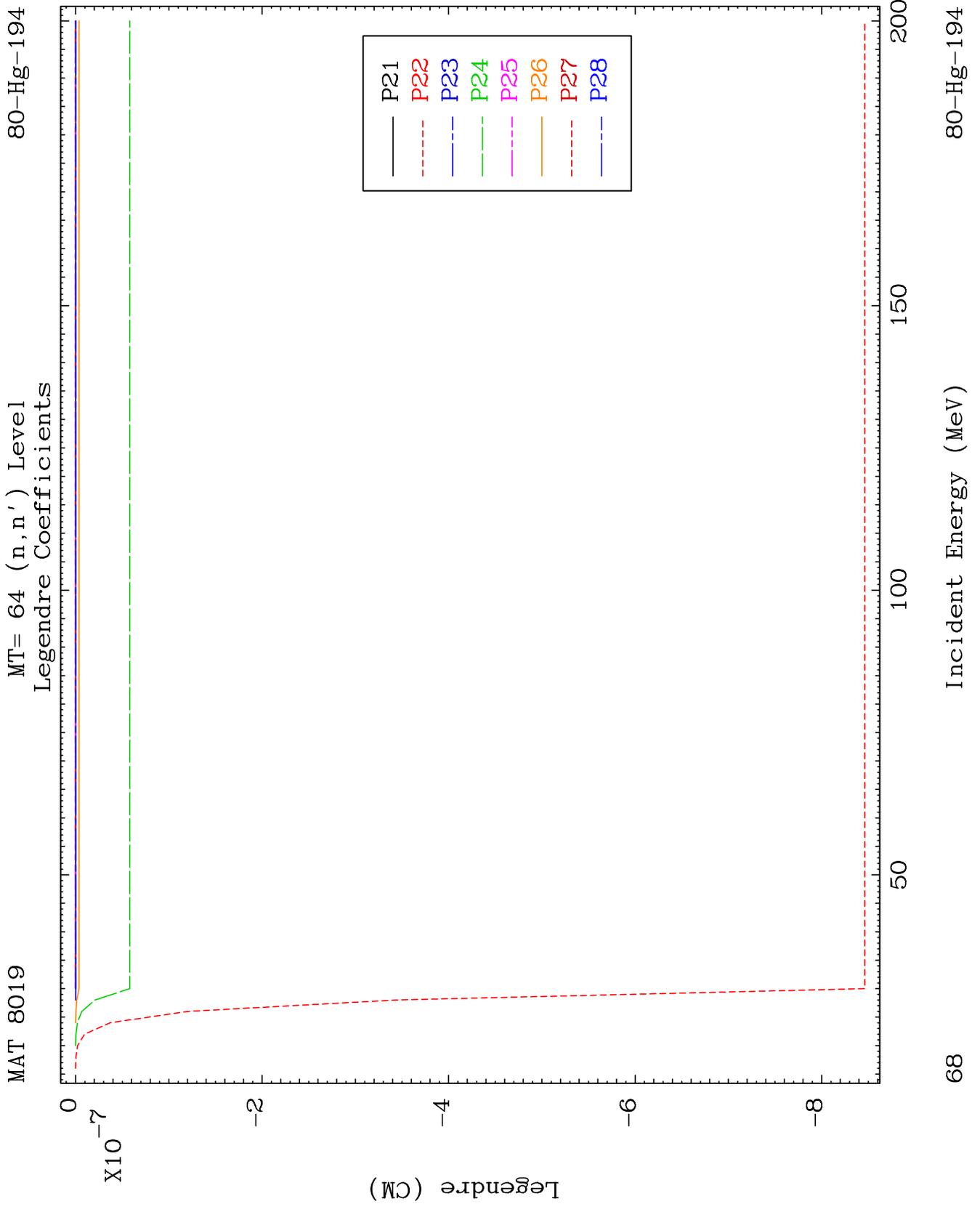
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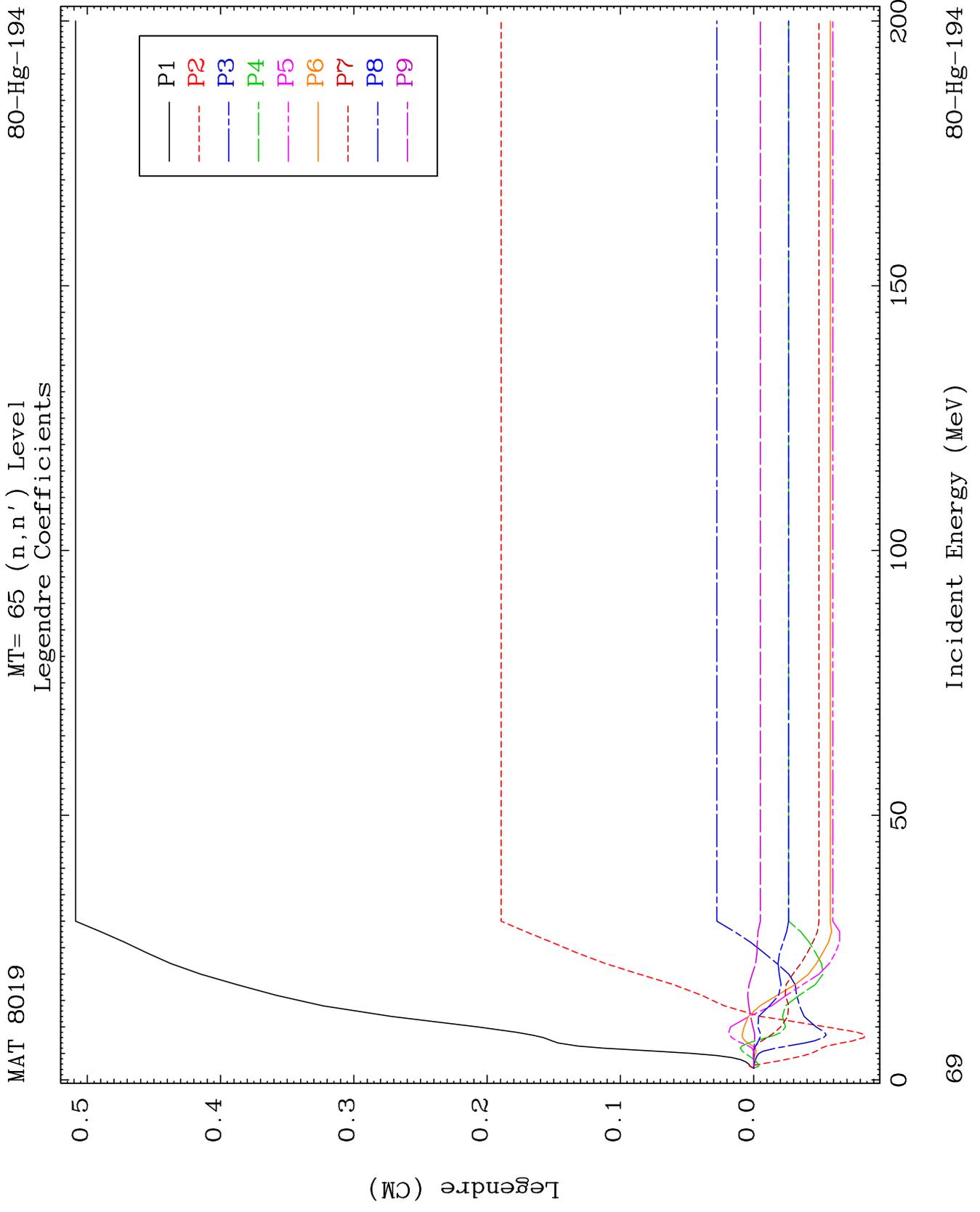


67

Incident Energy (MeV)

80-Hg-194



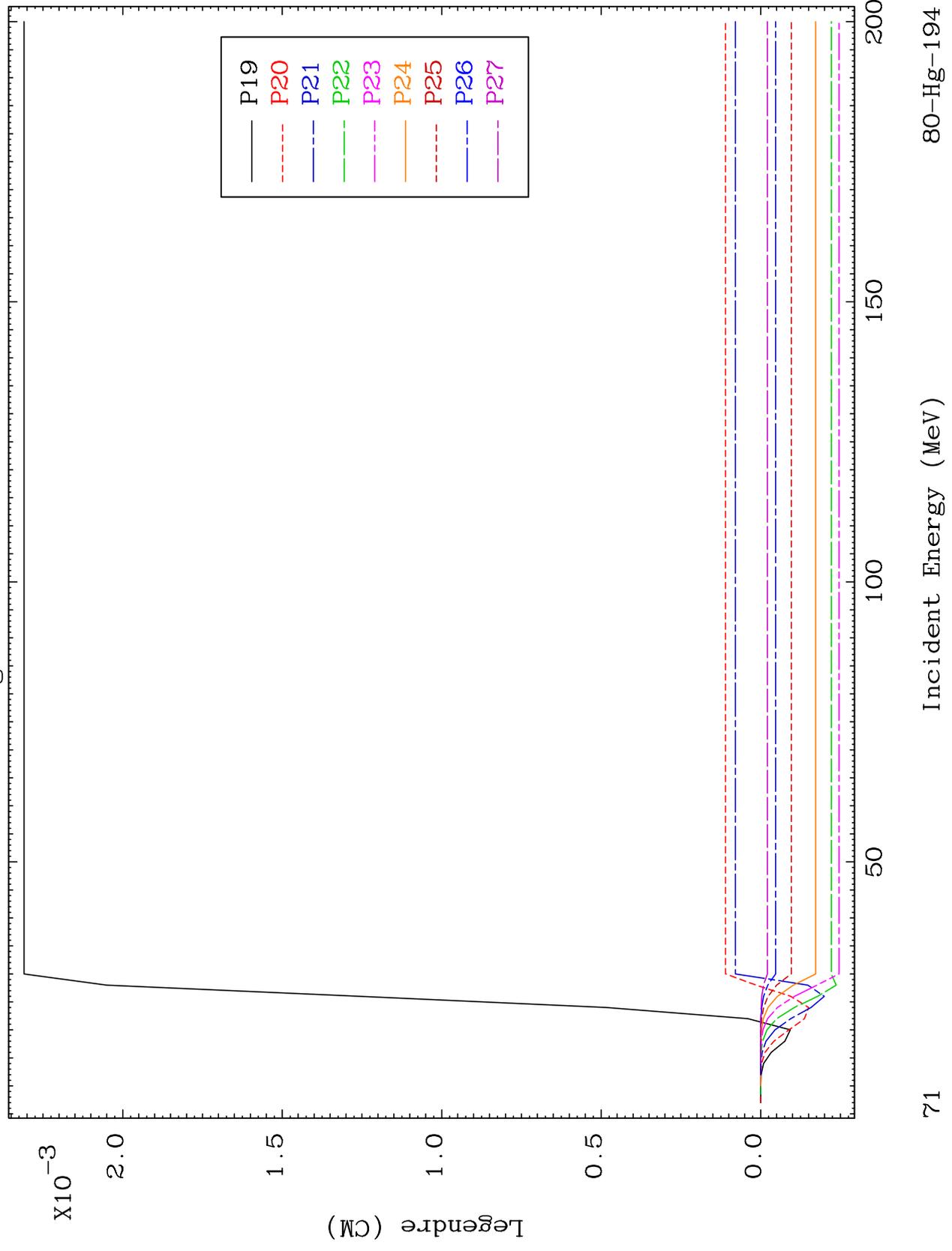




MAT 8019

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

80-Hg-194





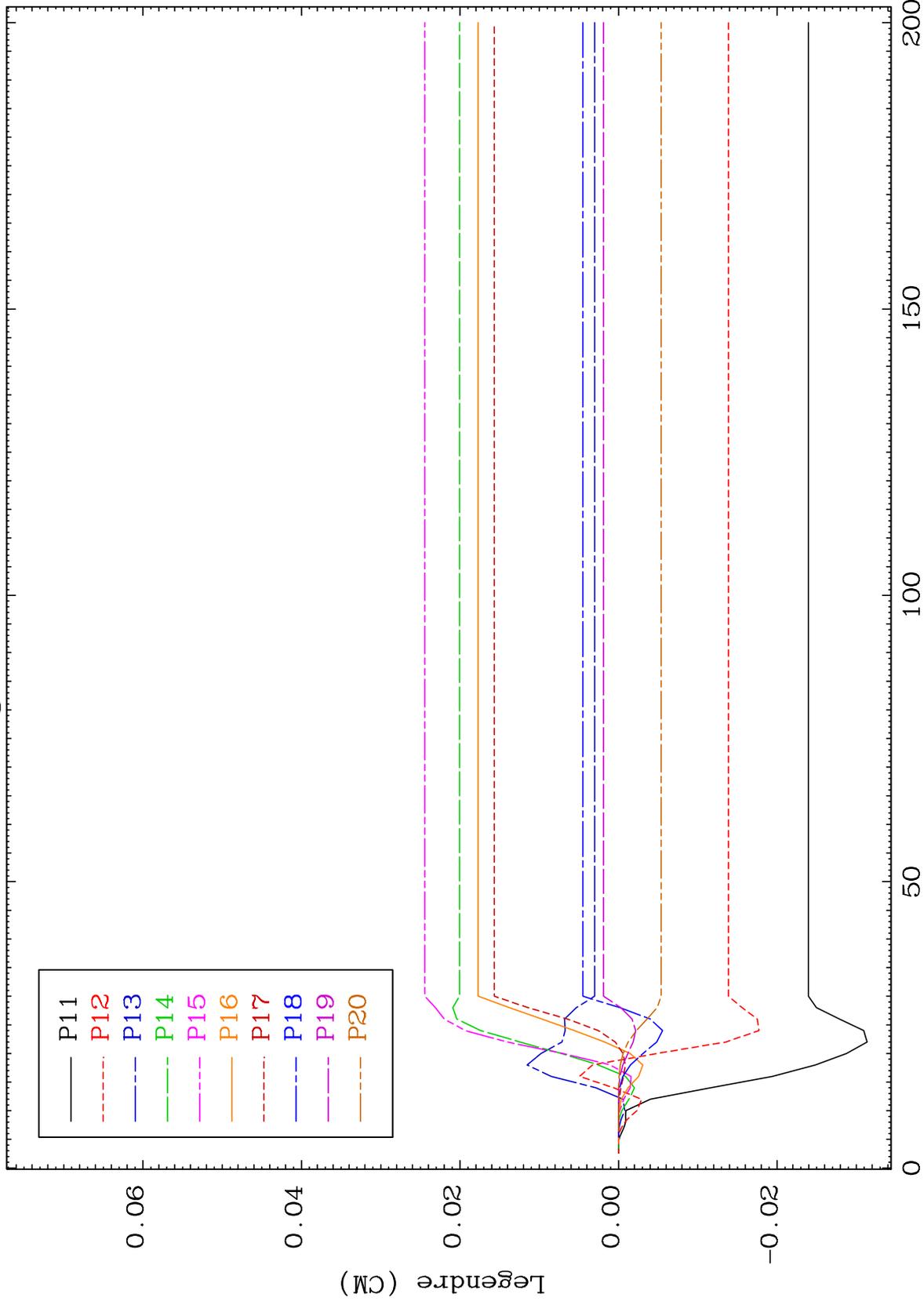




MAT 8019

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

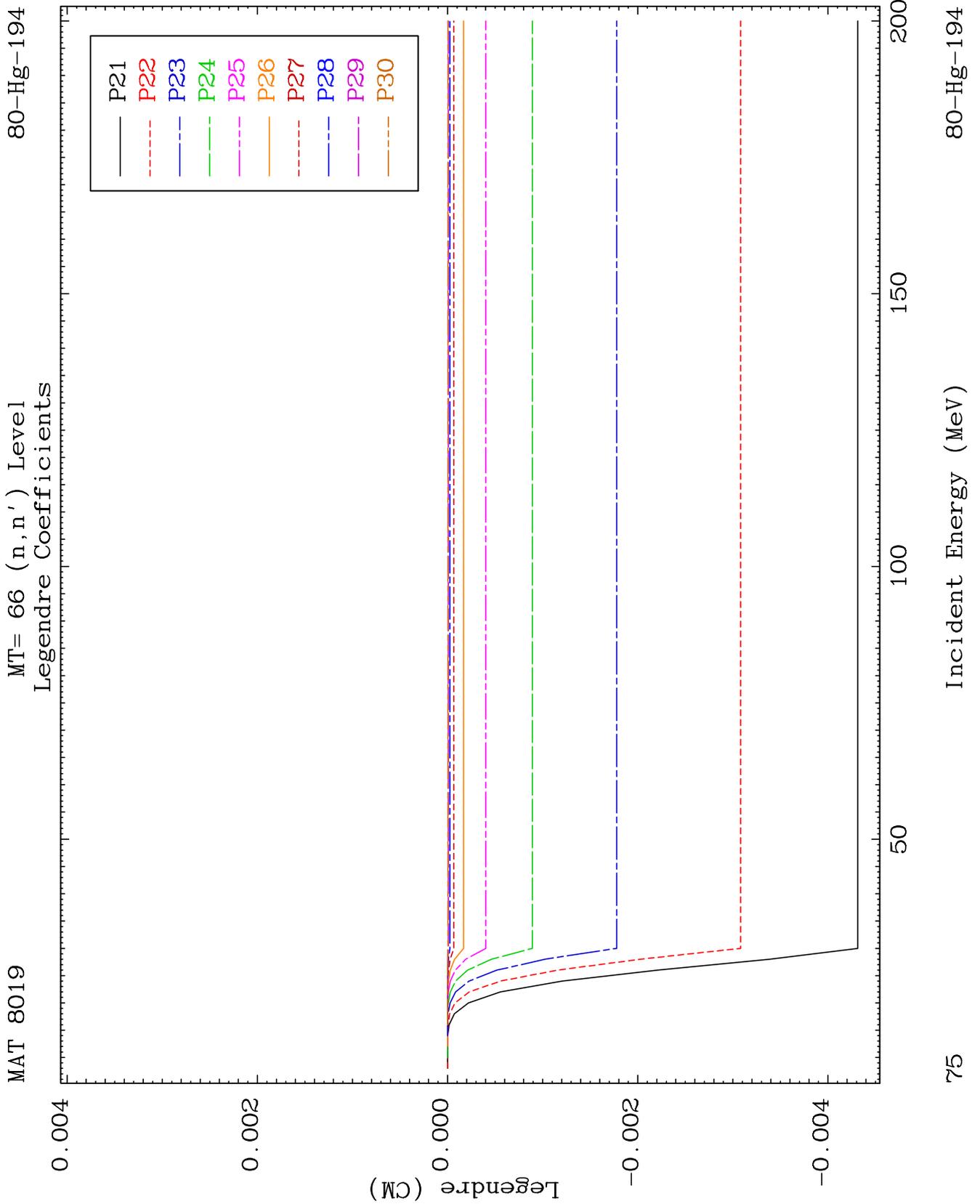
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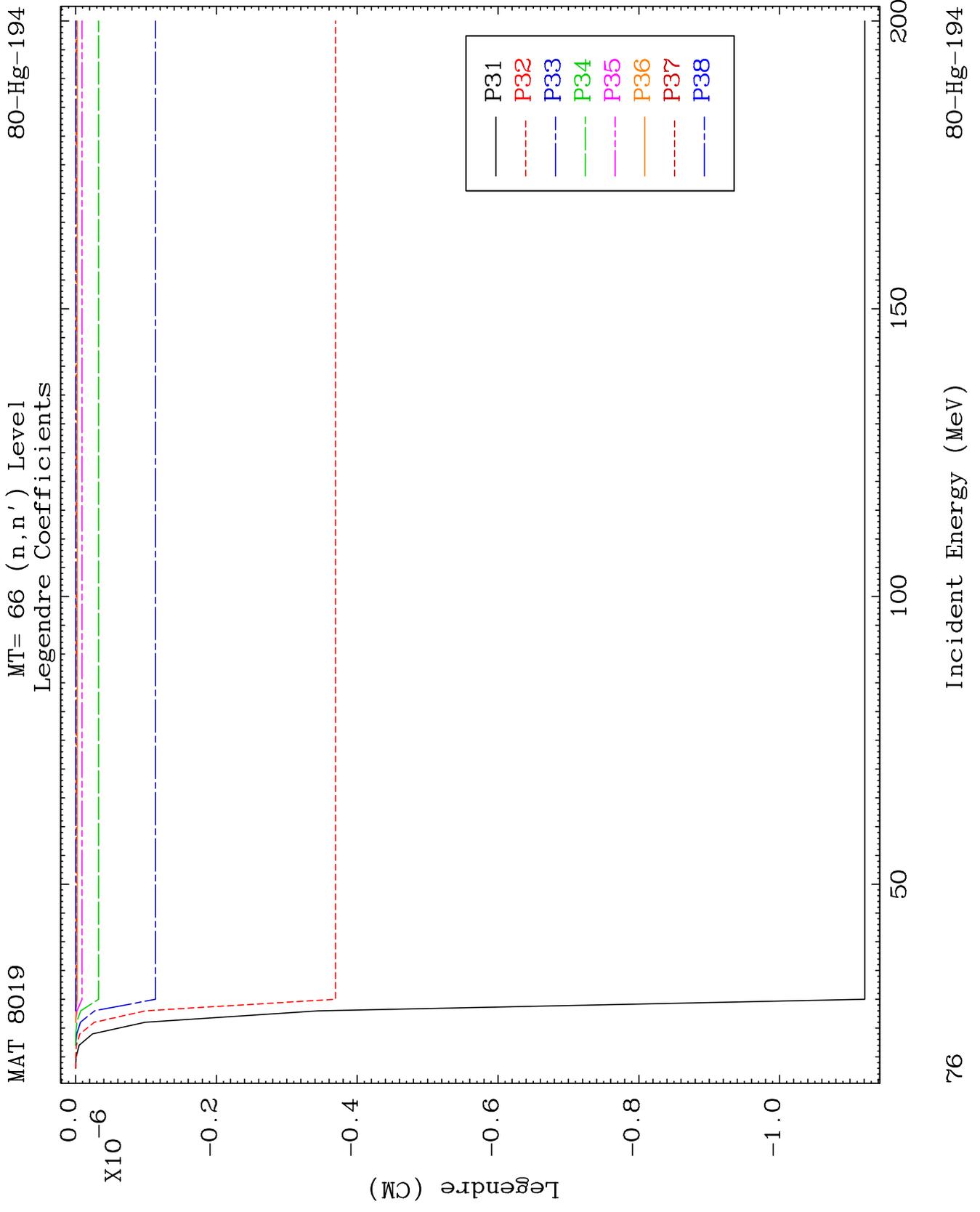


74

Incident Energy (MeV)

80-Hg-194



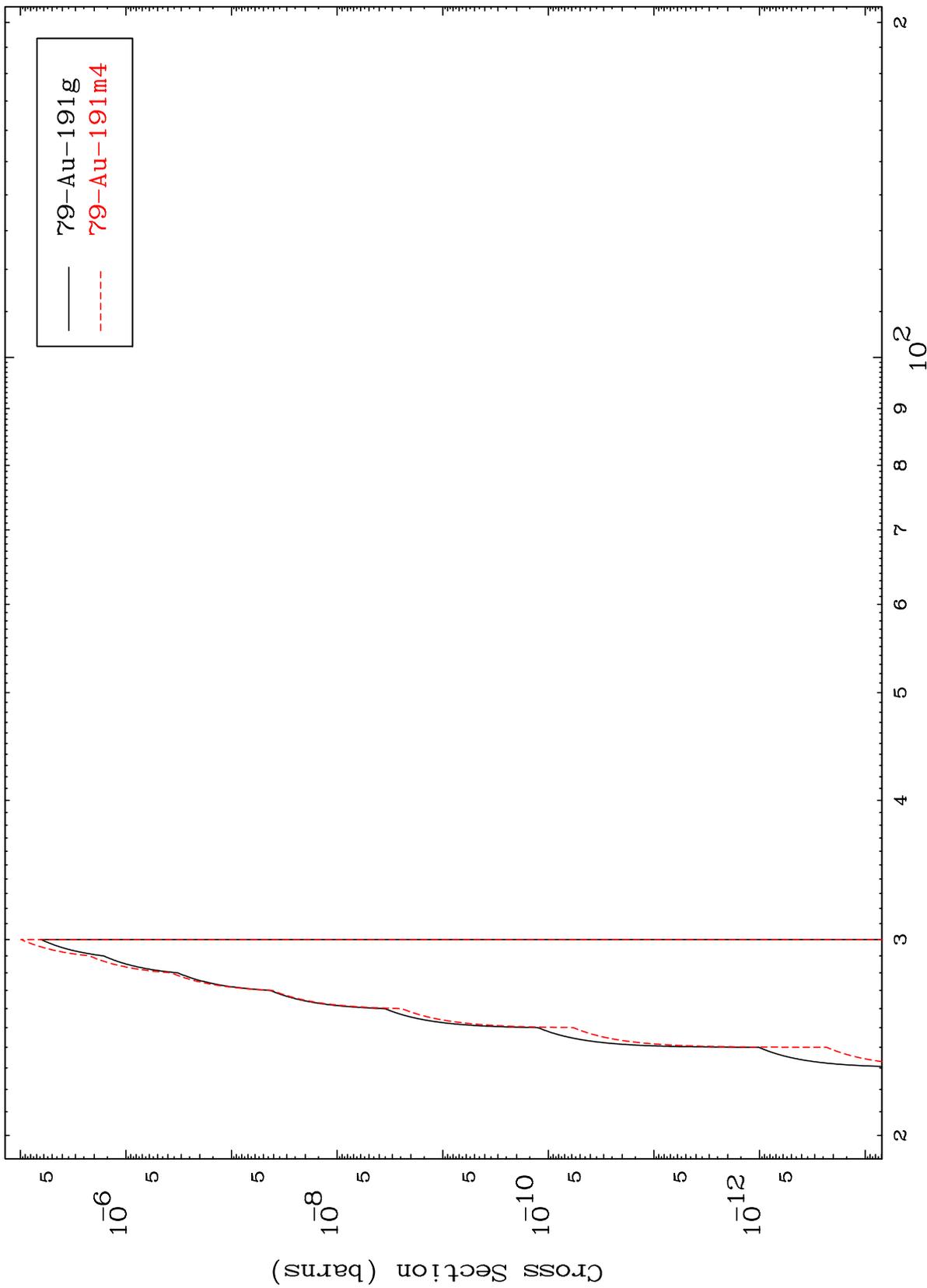


MAT 8019

(n,2n) d

80-Hg-194

Radionuclide Production Cross Section



77

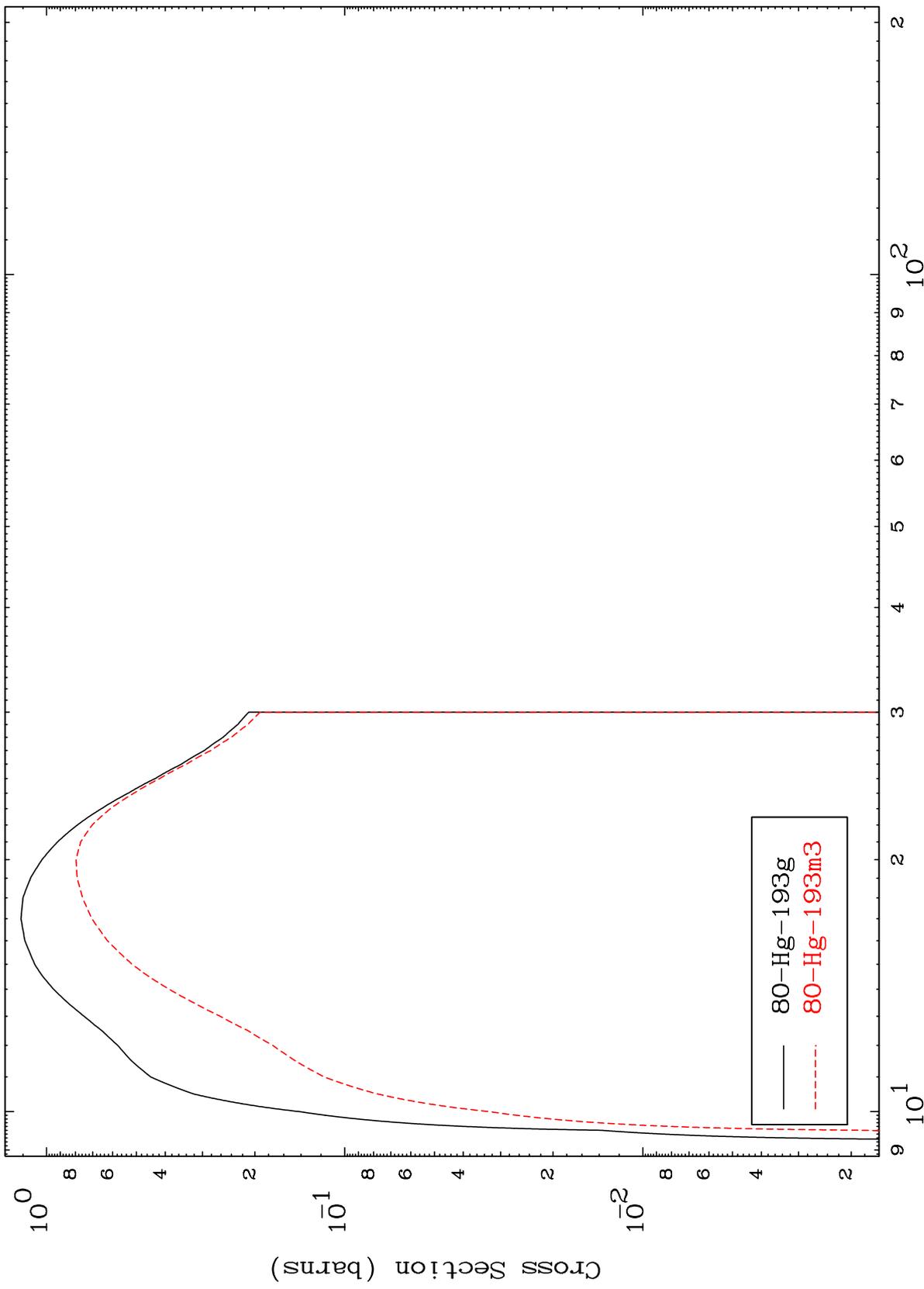
Incident Energy (MeV)

80-Hg-194

MAT 8019

80-Hg-194

(n,2n)  
Radionuclide Production Cross Section



78

Incident Energy (MeV)

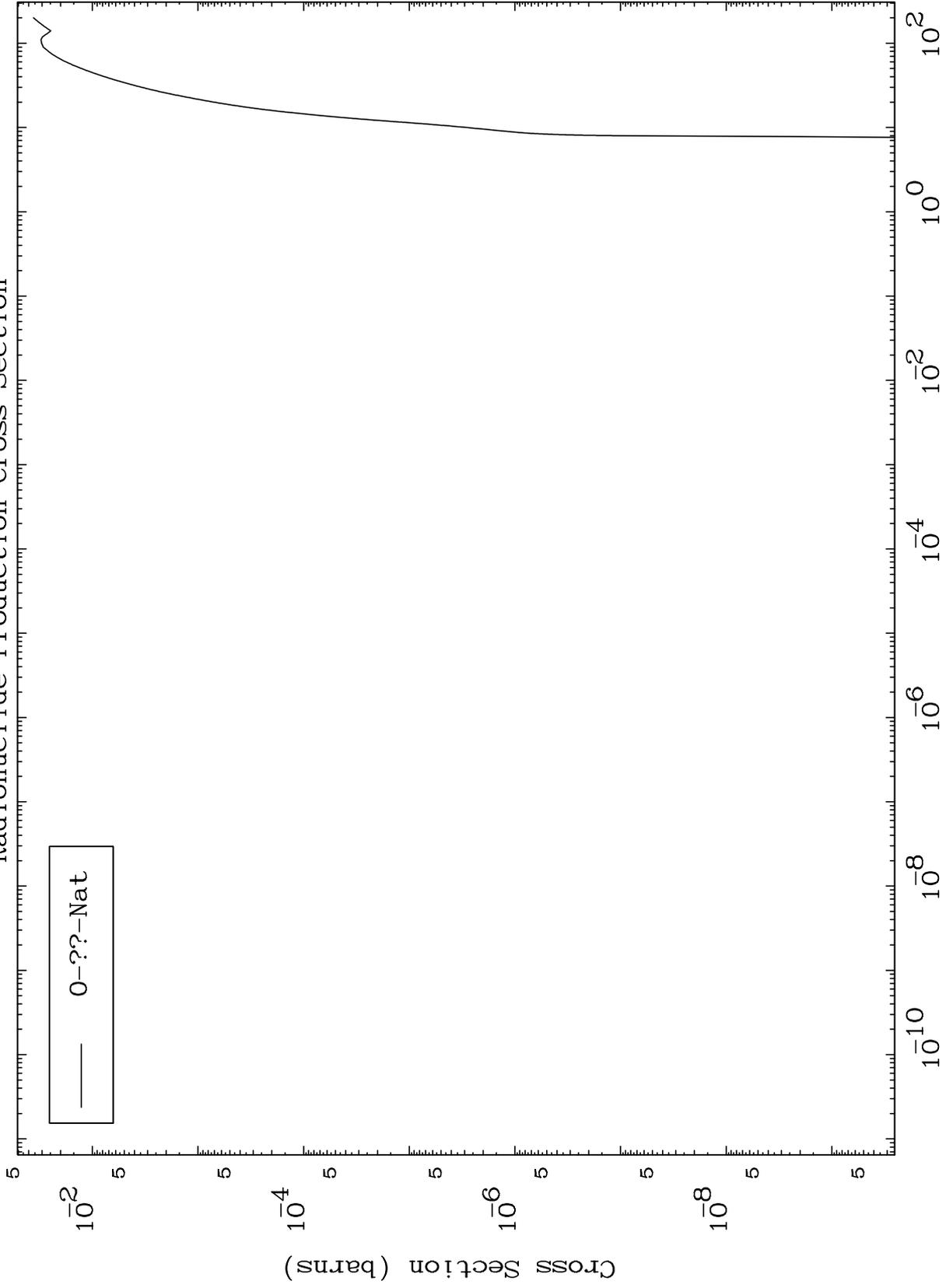
80-Hg-194

MAT 8019

Fission

80-Hg-194

Radionuclide Production Cross Section



79

Incident Energy (MeV)

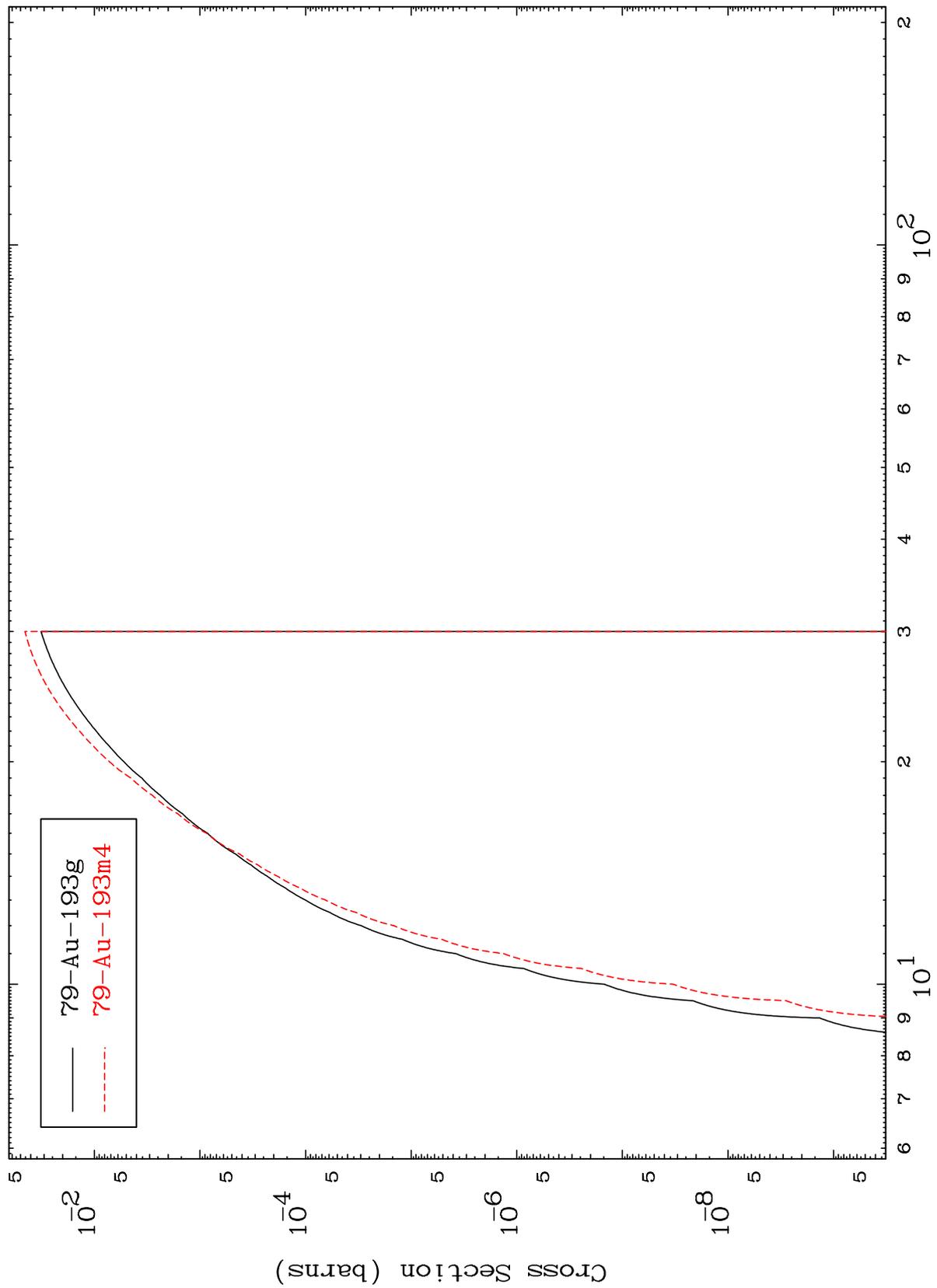
80-Hg-194



MAT 8019

80-Hg-194

(n,n') p  
Radionuclide Production Cross Section



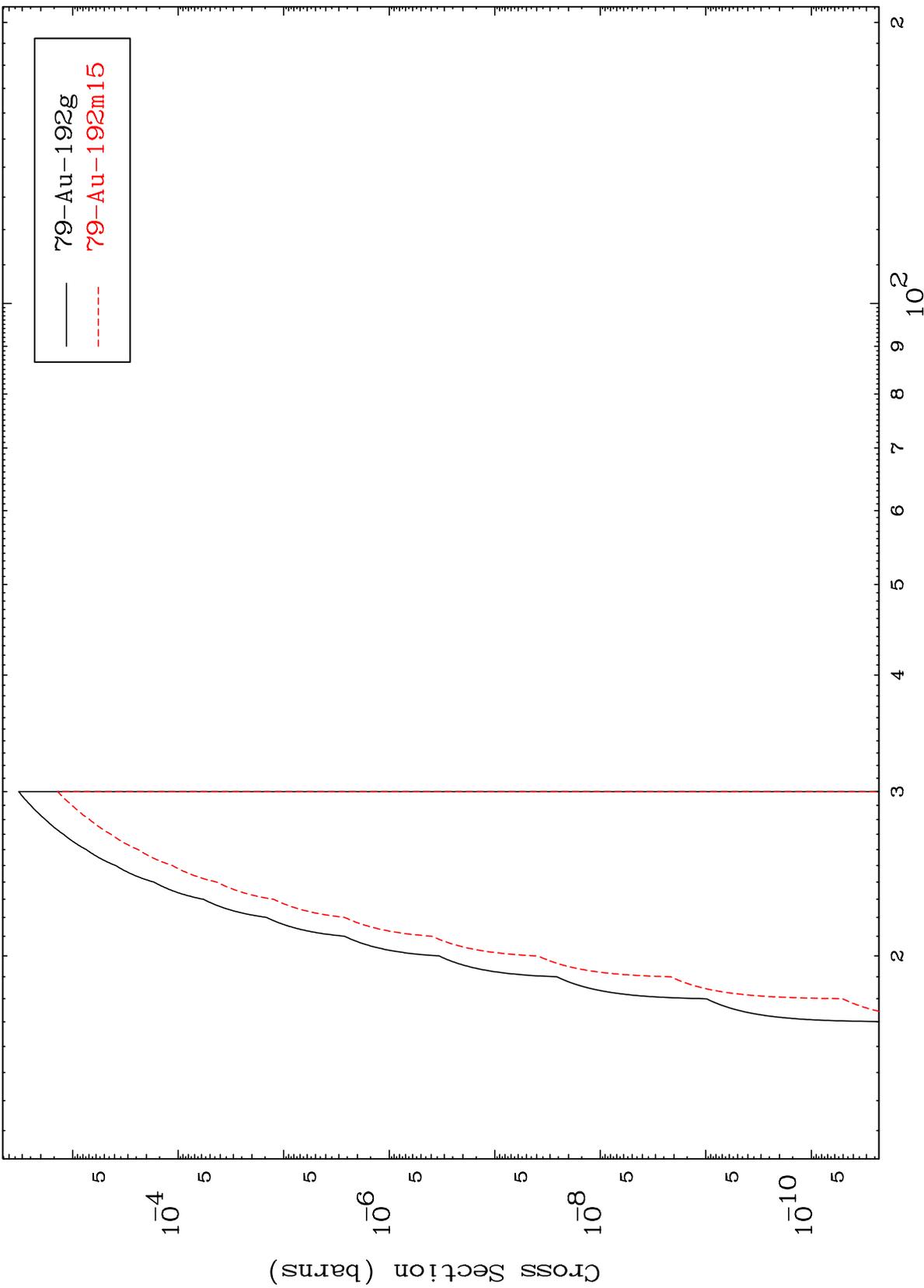
79-Au-193g  
79-Au-193m4

80

Incident Energy (MeV)

80-Hg-194

Radionuclide Production Cross Section

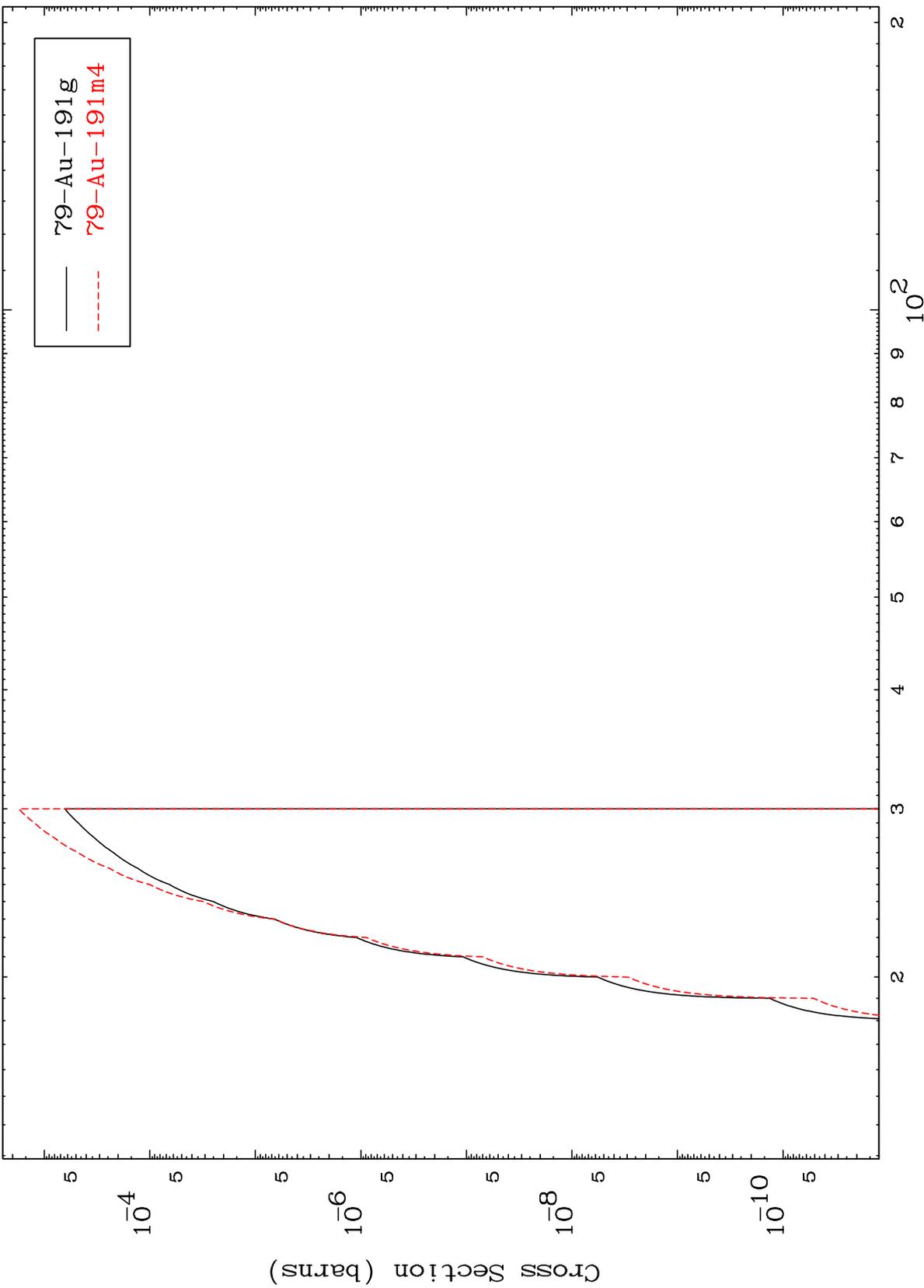


MAT 8019

(n,n') t

80-Hg-194

Radionuclide Production Cross Section



82

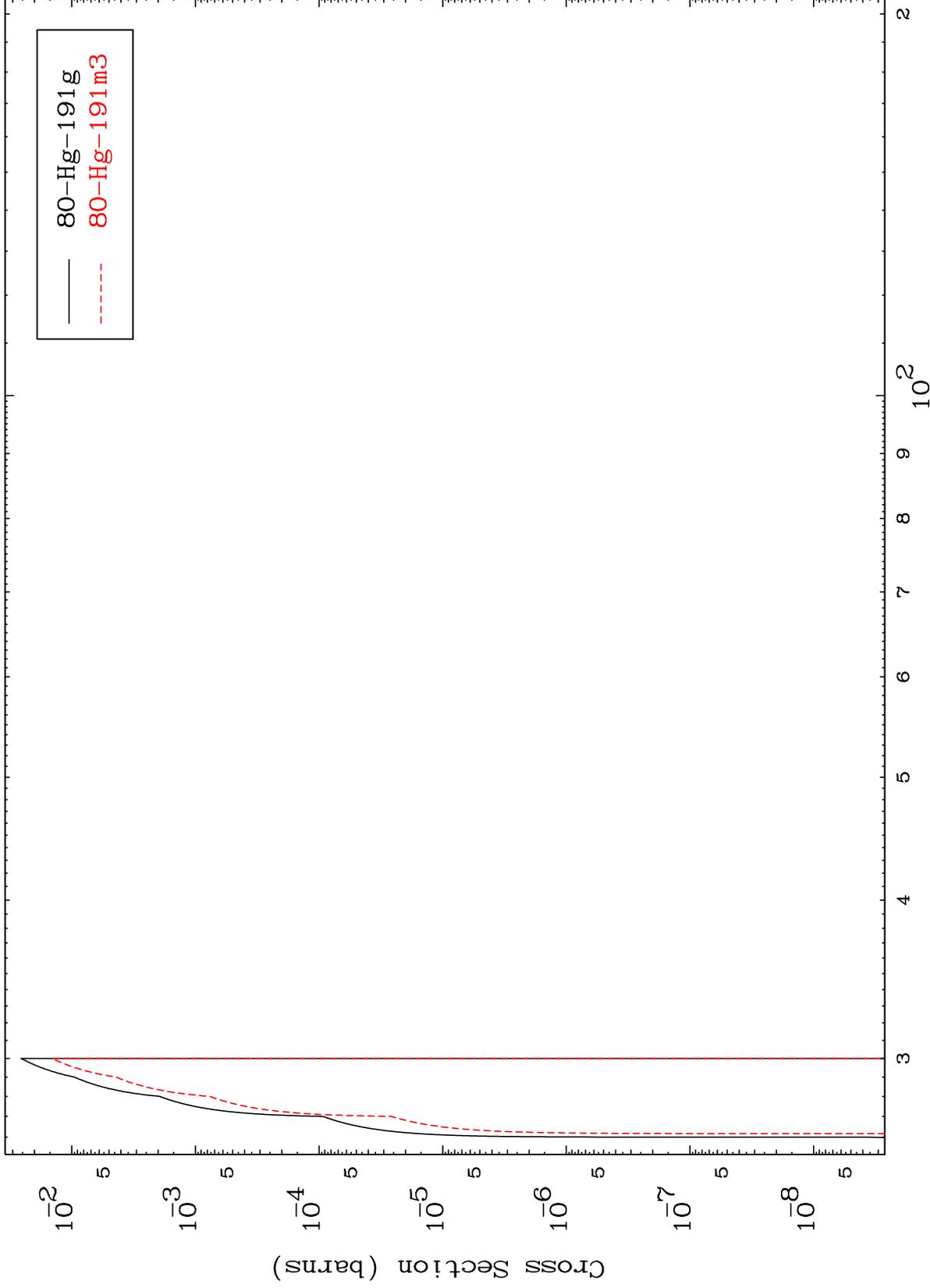
Incident Energy (MeV)

80-Hg-194

MAT 8019

80-Hg-194

(n,4n)  
Radionuclide Production Cross Section



83

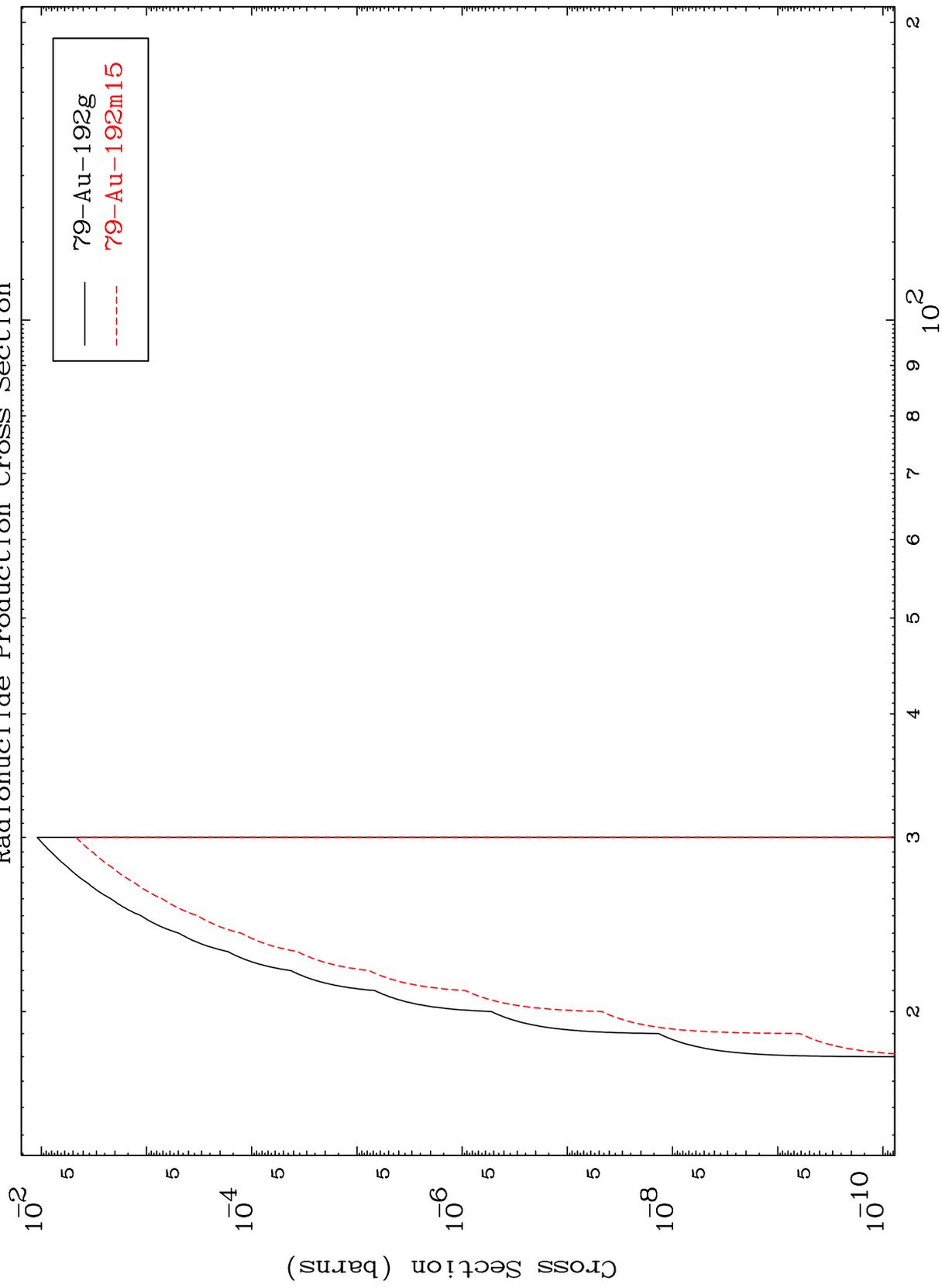
80-Hg-194

Incident Energy (MeV)

MAT 8019

80-Hg-194

(n,2n) p  
Radionuclide Production Cross Section



84

Incident Energy (MeV)

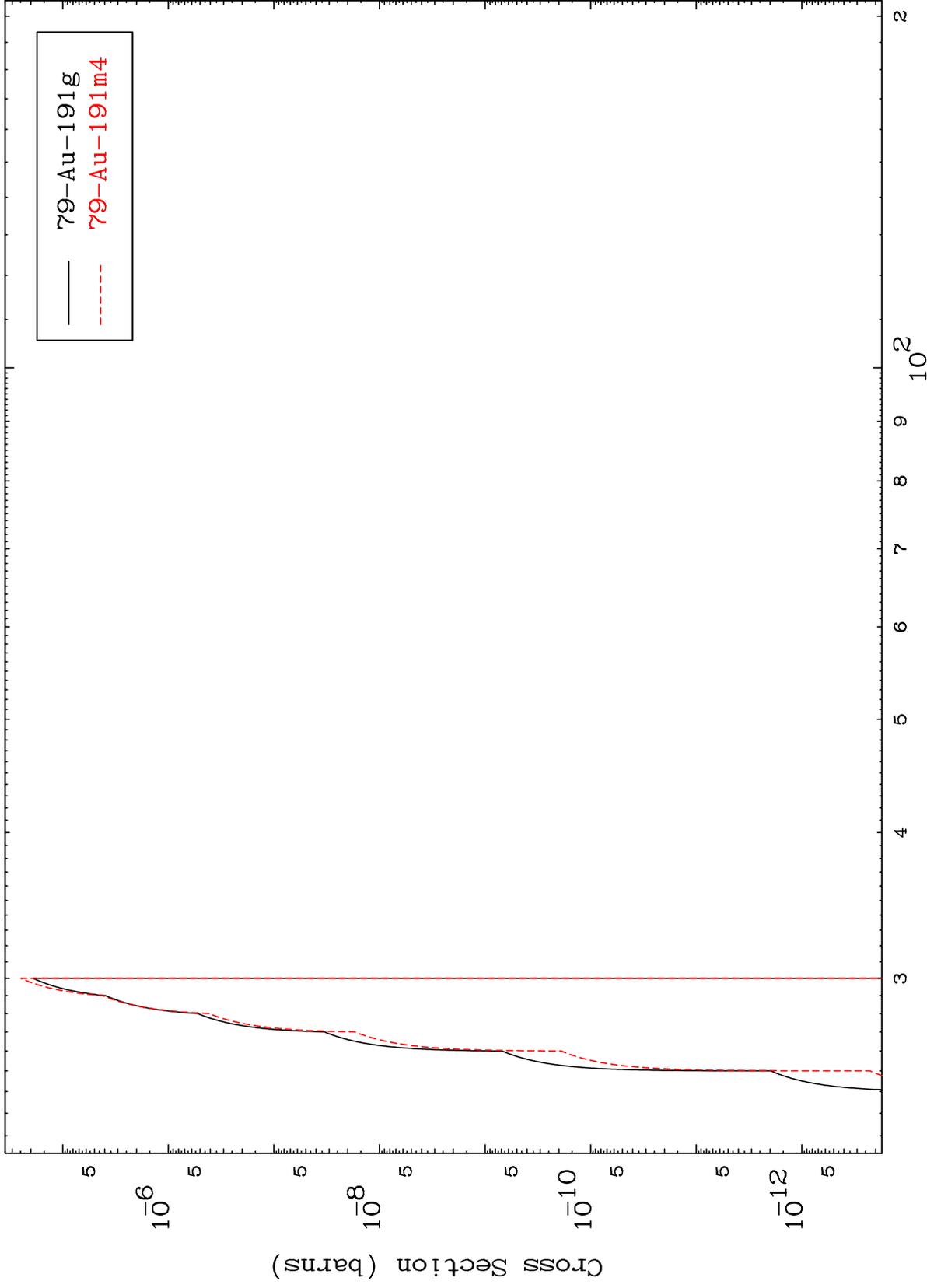
80-Hg-194

MAT 8019

(n,3n) p

80-Hg-194

Radionuclide Production Cross Section



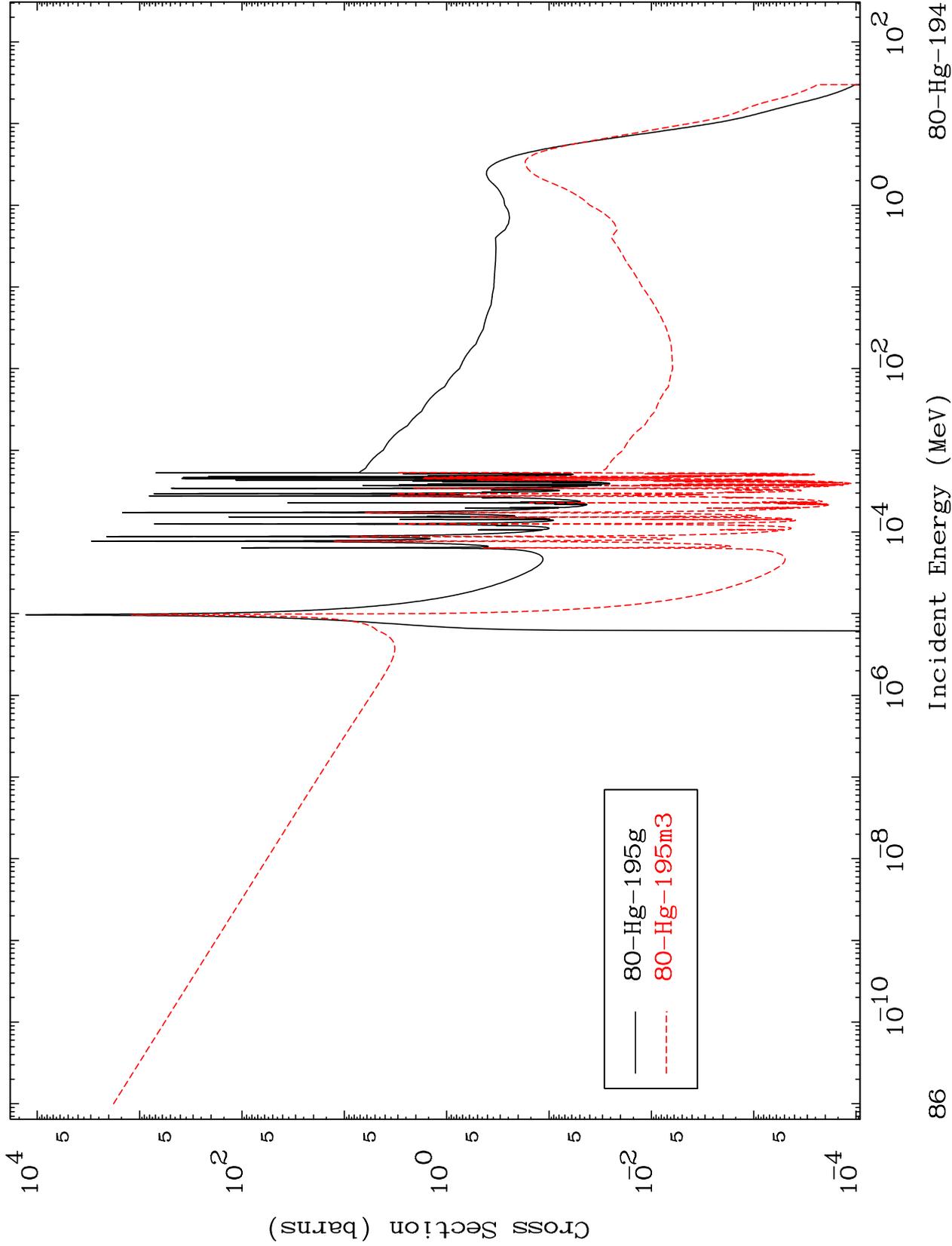
85

Incident Energy (MeV)

80-Hg-194

Radionuclide Production Cross Section

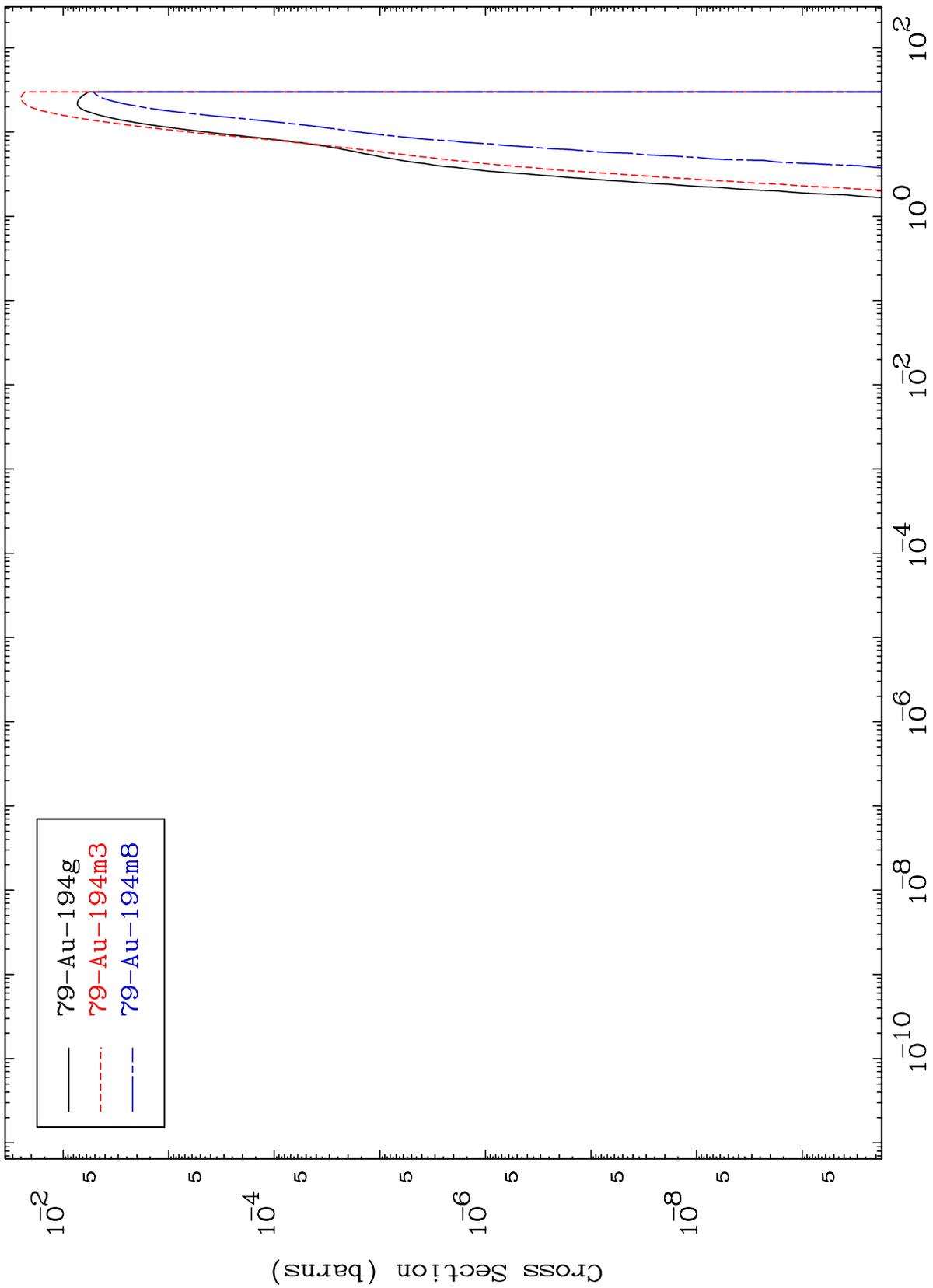
(n,  $\gamma$ )



MAT 8019

80-Hg-194

(n,p)  
Radionuclide Production Cross Section



87

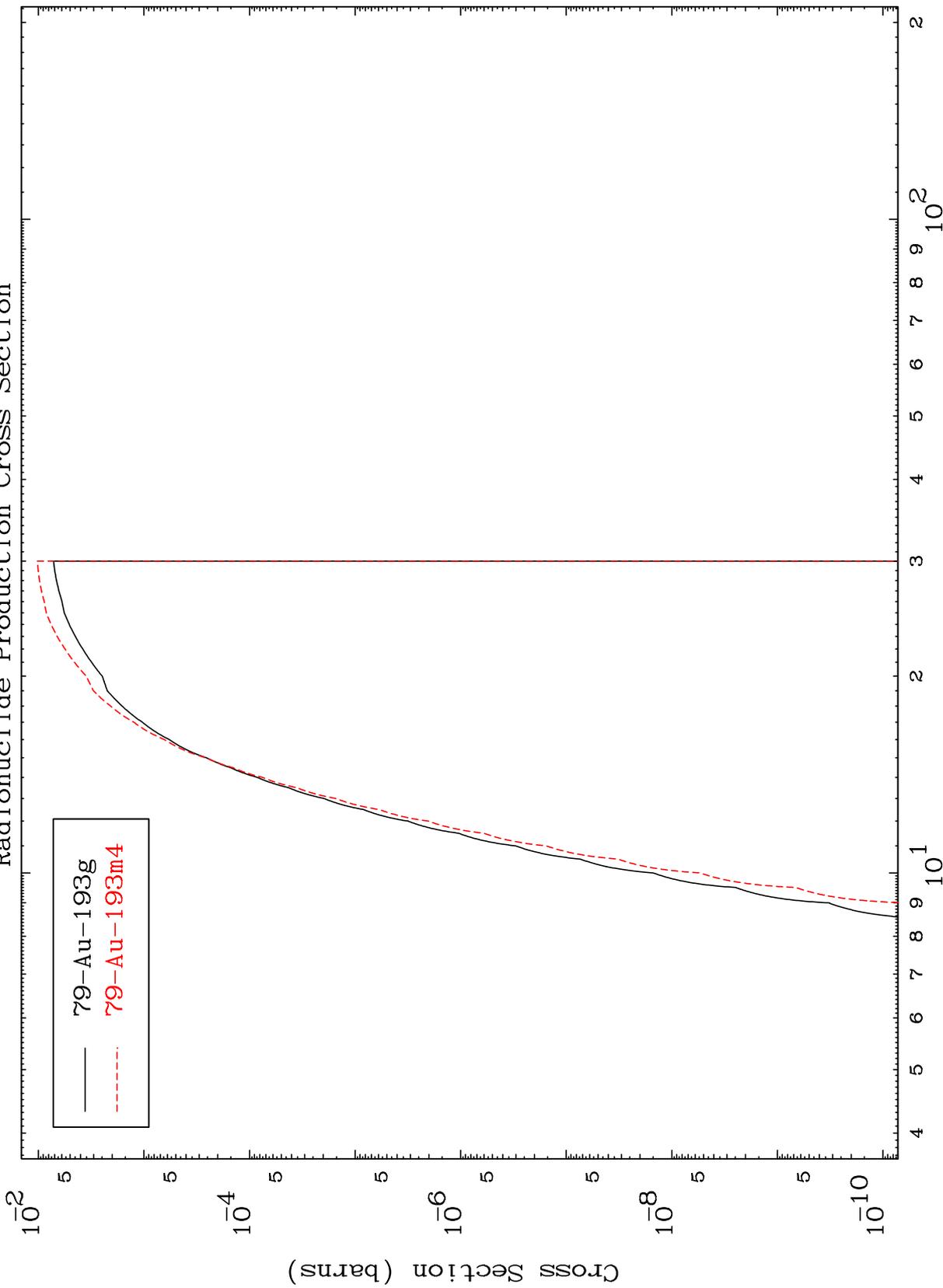
80-Hg-194



MAT 8019

80-Hg-194

Radionuclide Production Cross Section (n,d)



88

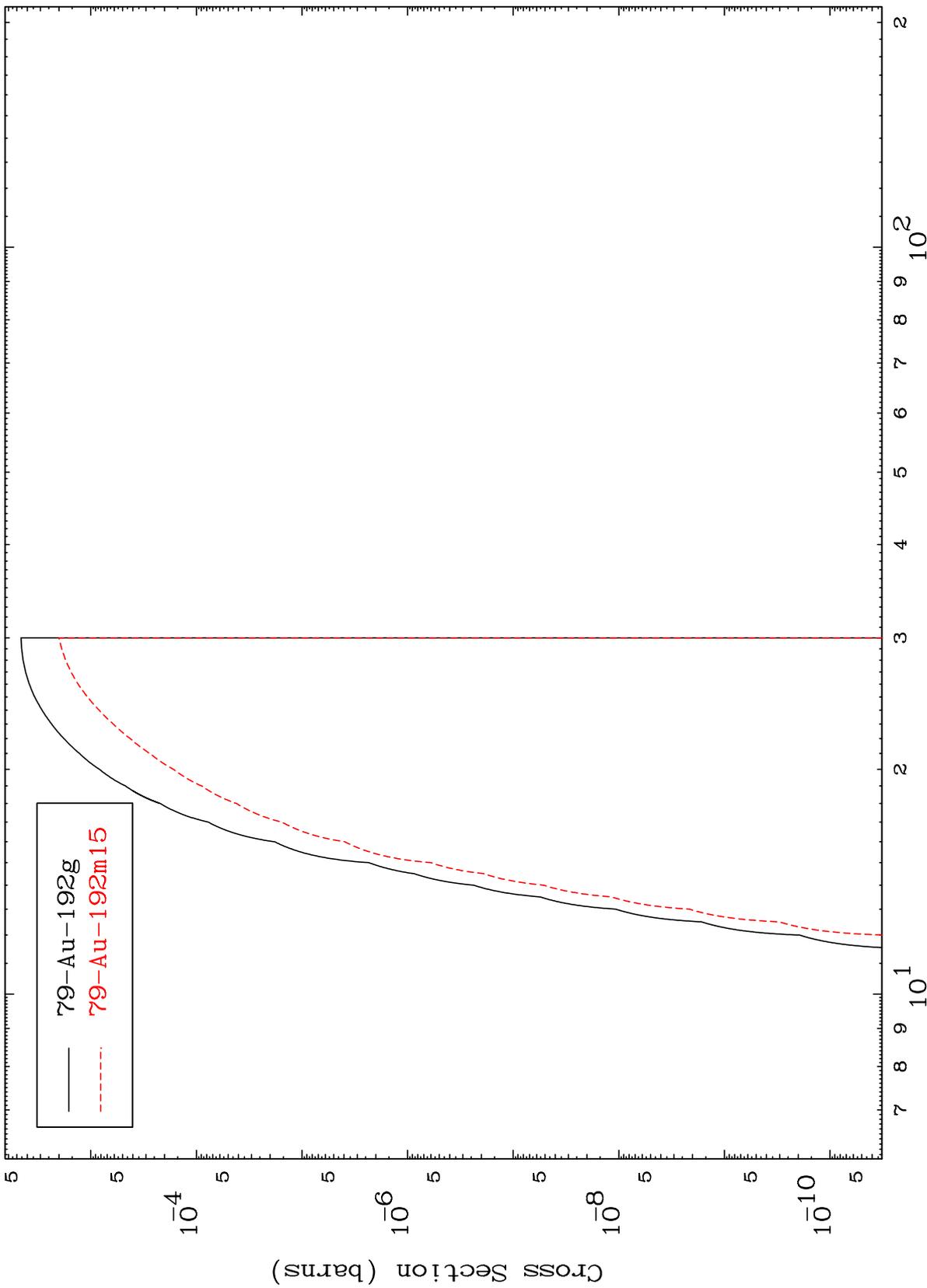
Incident Energy (MeV)

80-Hg-194

MAT 8019

80-Hg-194

(n, t)  
Radionuclide Production Cross Section



79-Au-192g  
79-Au-192m15

89

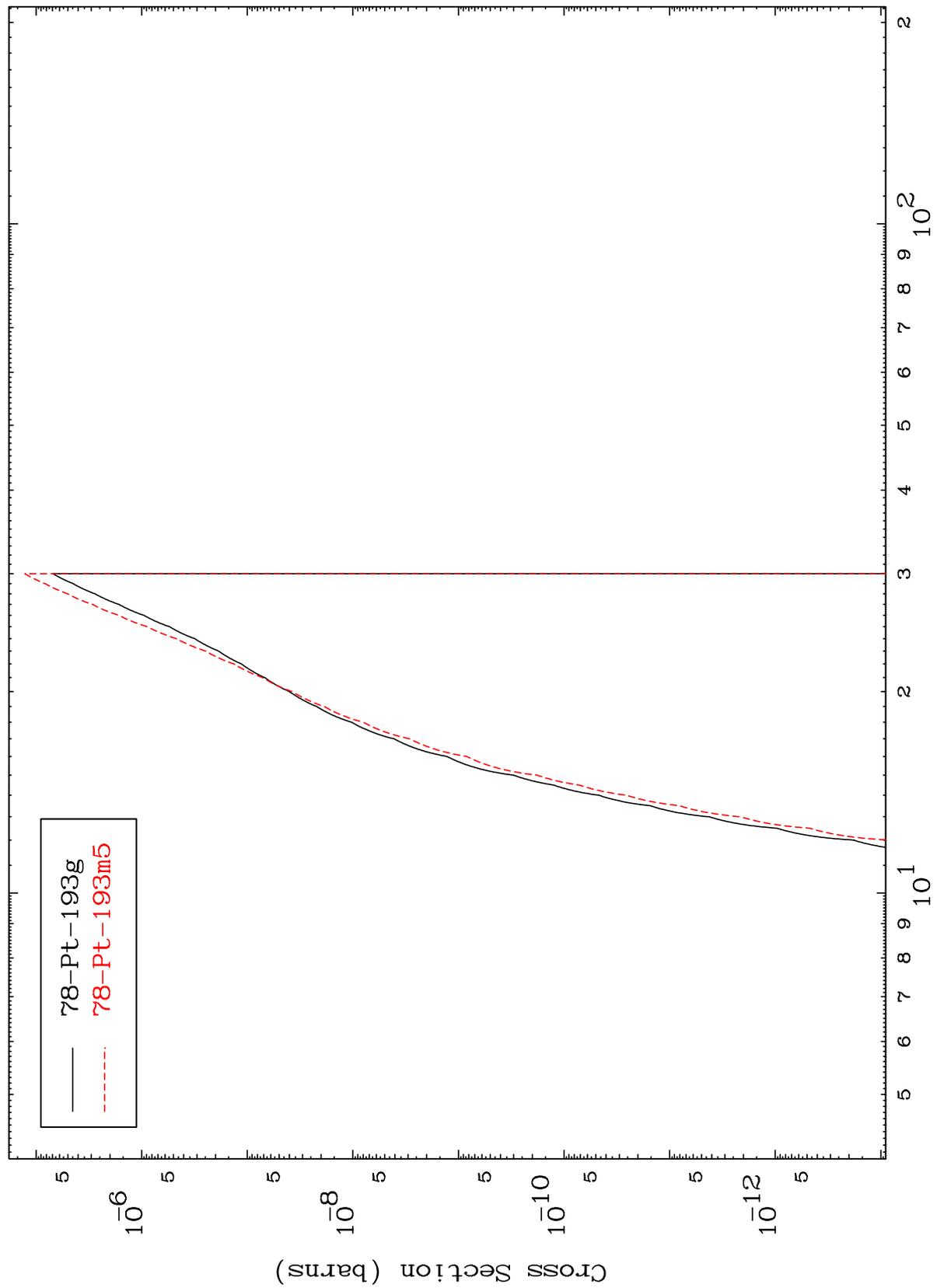
Incident Energy (MeV)

80-Hg-194

MAT 8019

80-Hg-194

(n,2p)  
Radionuclide Production Cross Section



90

Incident Energy (MeV)

80-Hg-194

MAT 8019

(n,p)  $\alpha$

80-Hg-194

Radionuclide Production Cross Section

