

Program EVALPLOT  
(Version 2021-1)

by

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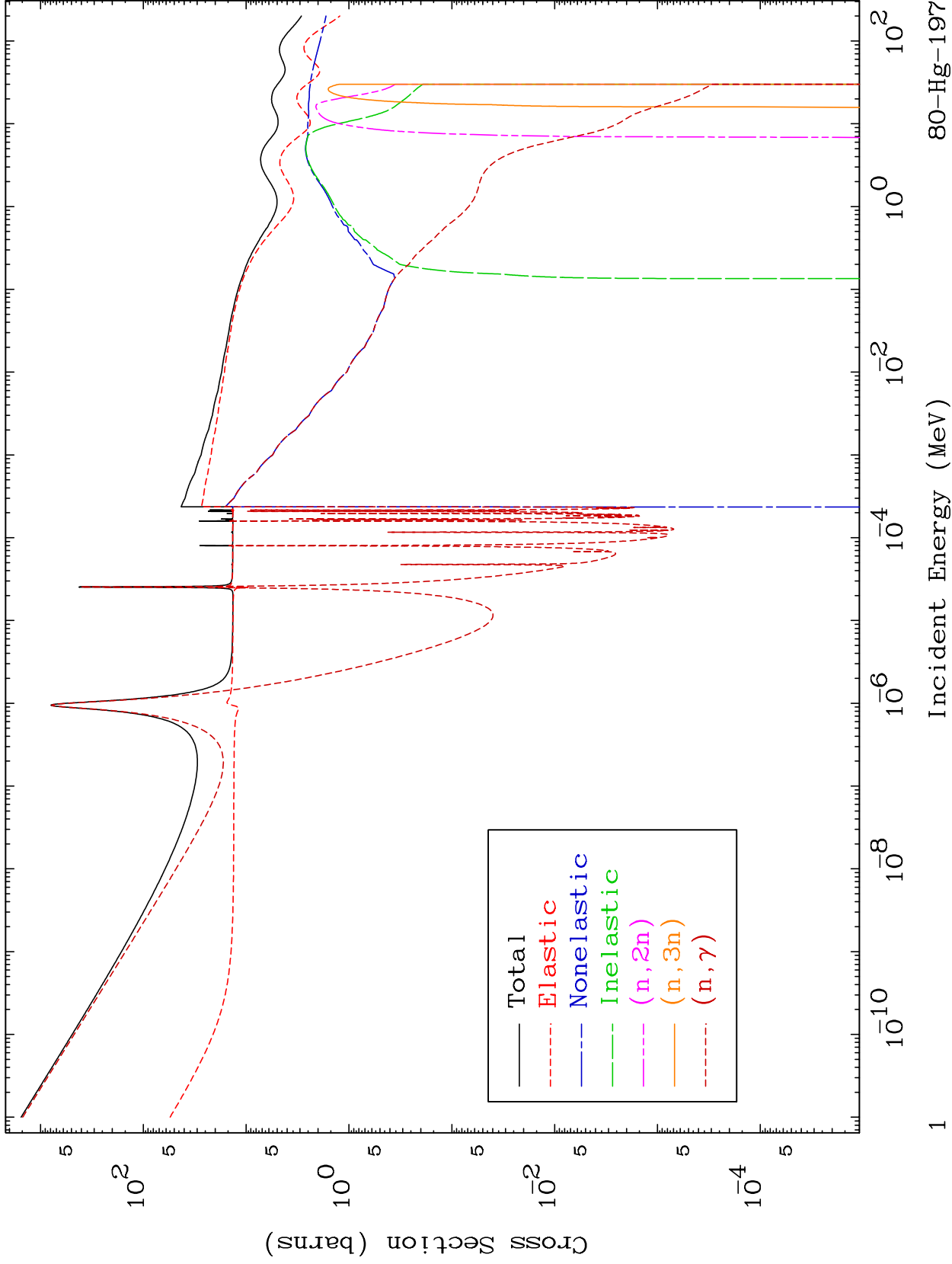
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8028

Neutron Major  
293 Kelvin Cross Sections

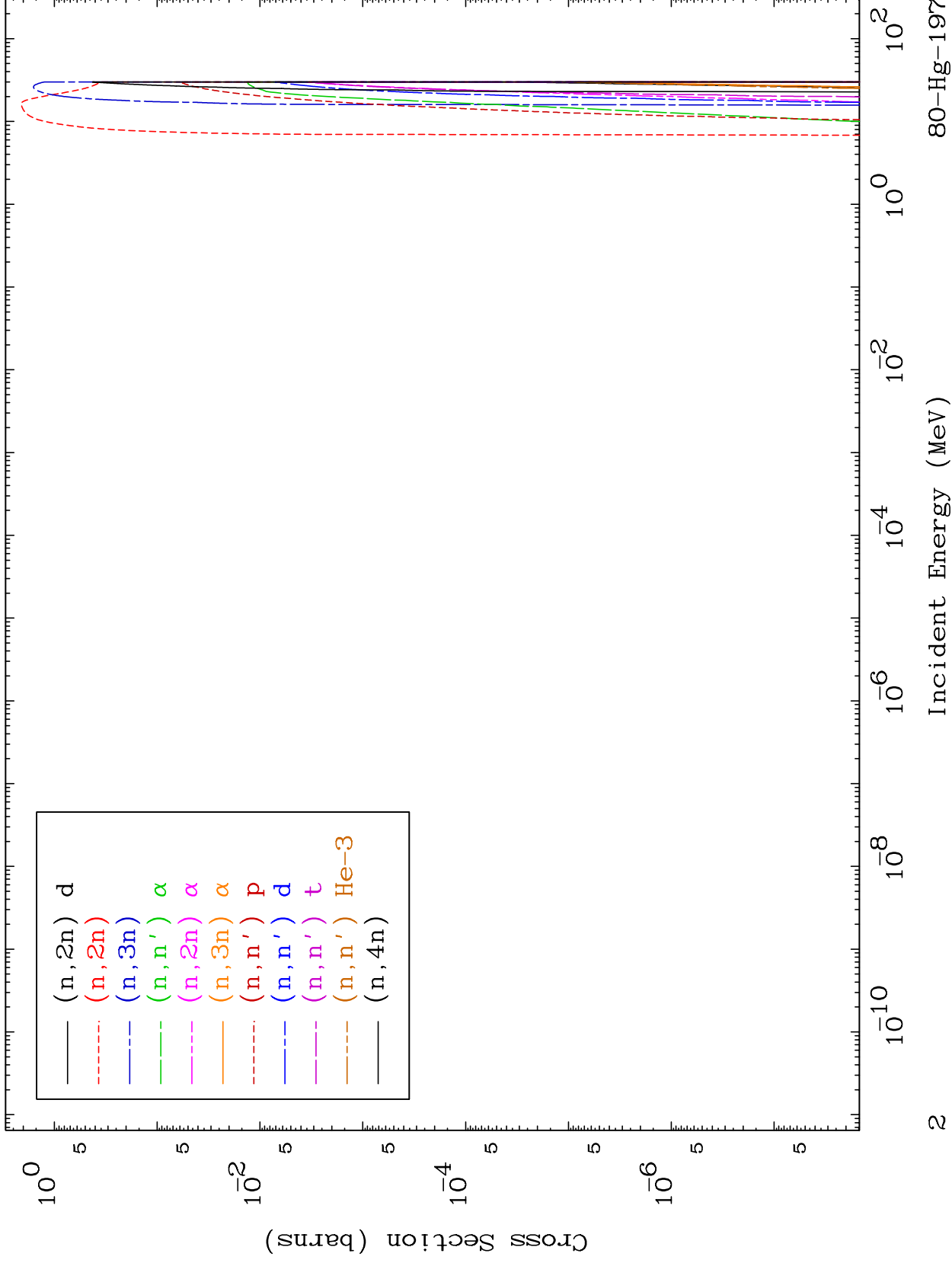
80-Hg-197



MAT 8028

Neutron Absorption  
293 Kelvin Cross Sections

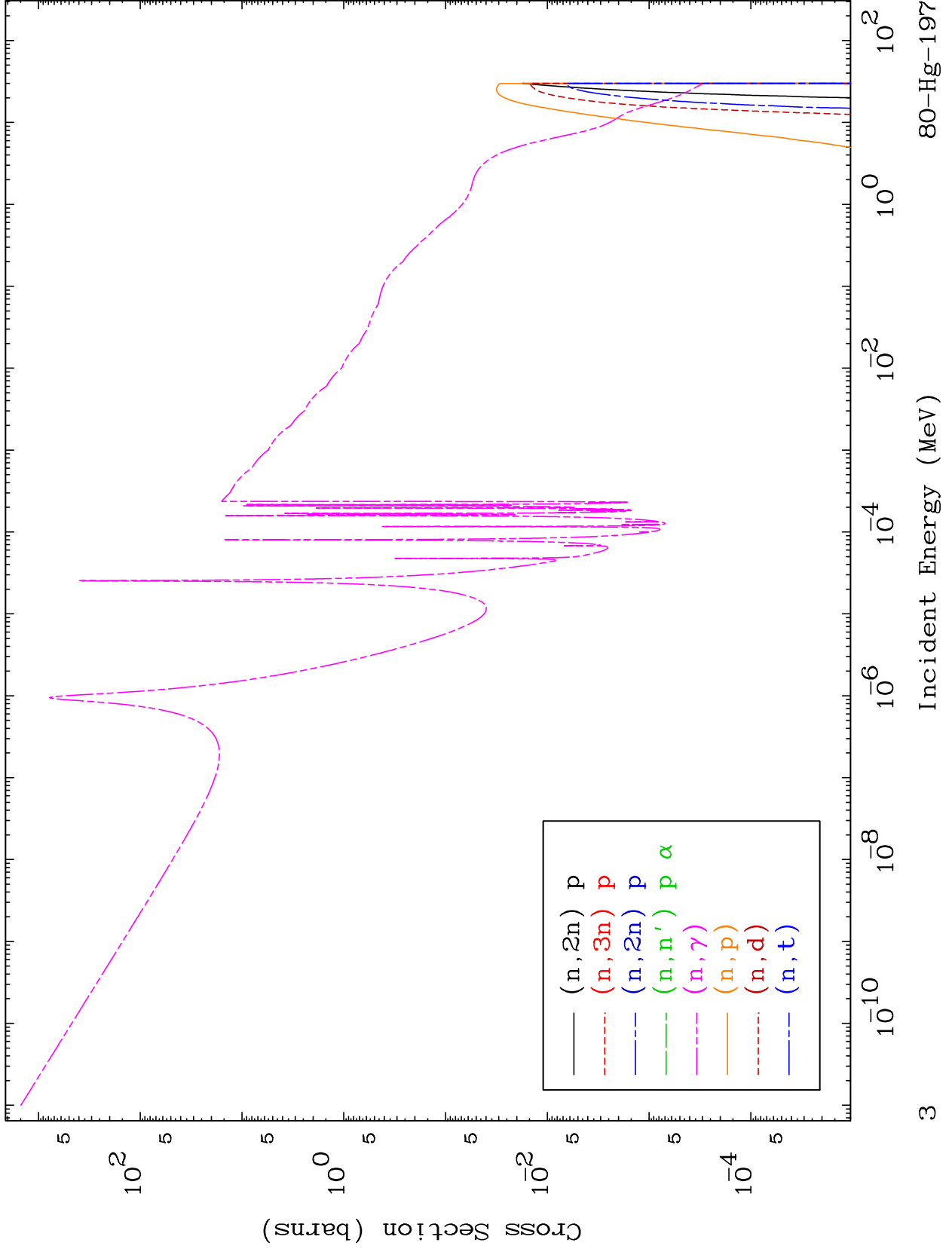
80-Hg-197



MAT 8028

Neutron Absorption  
293 Kelvin Cross Sections

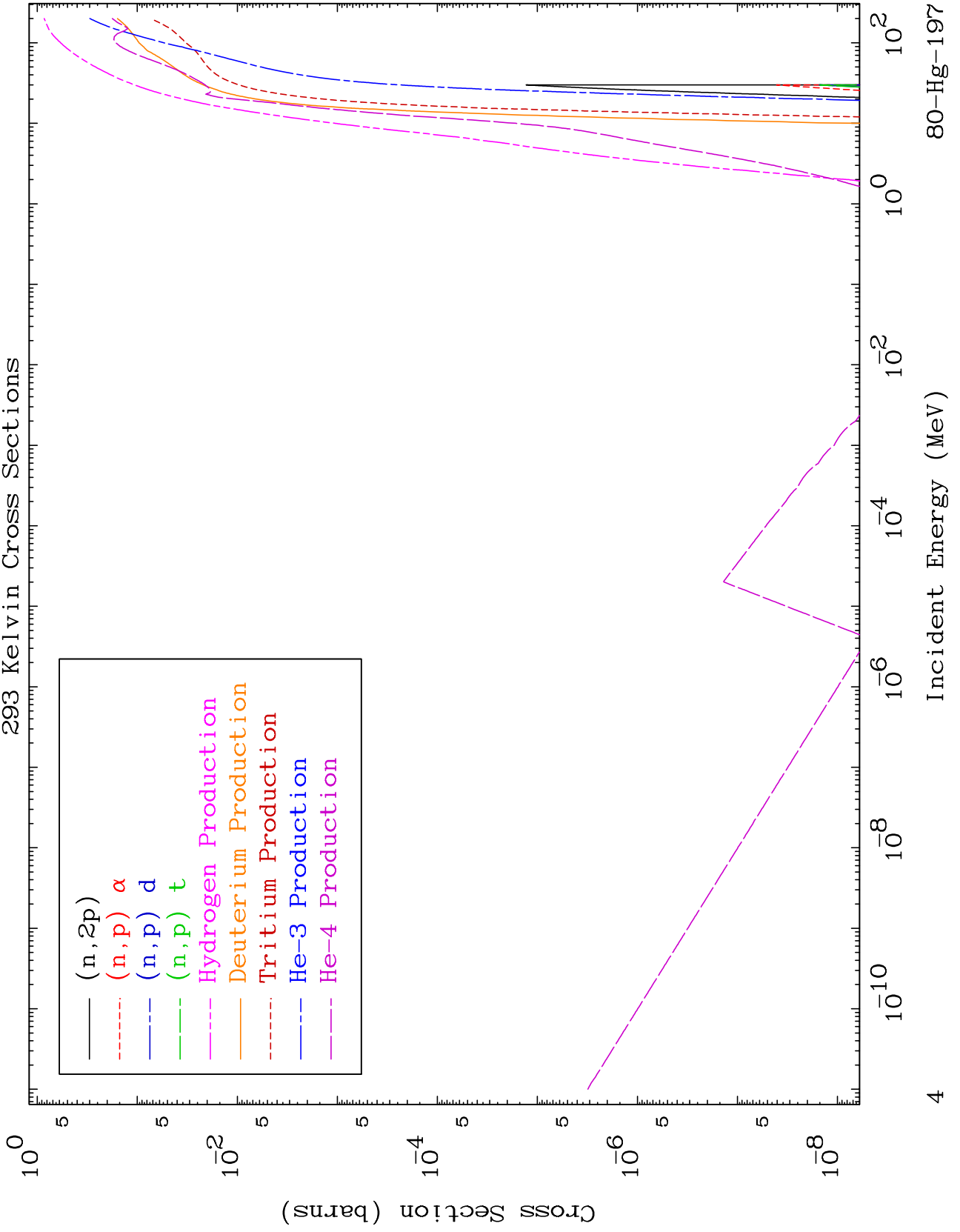
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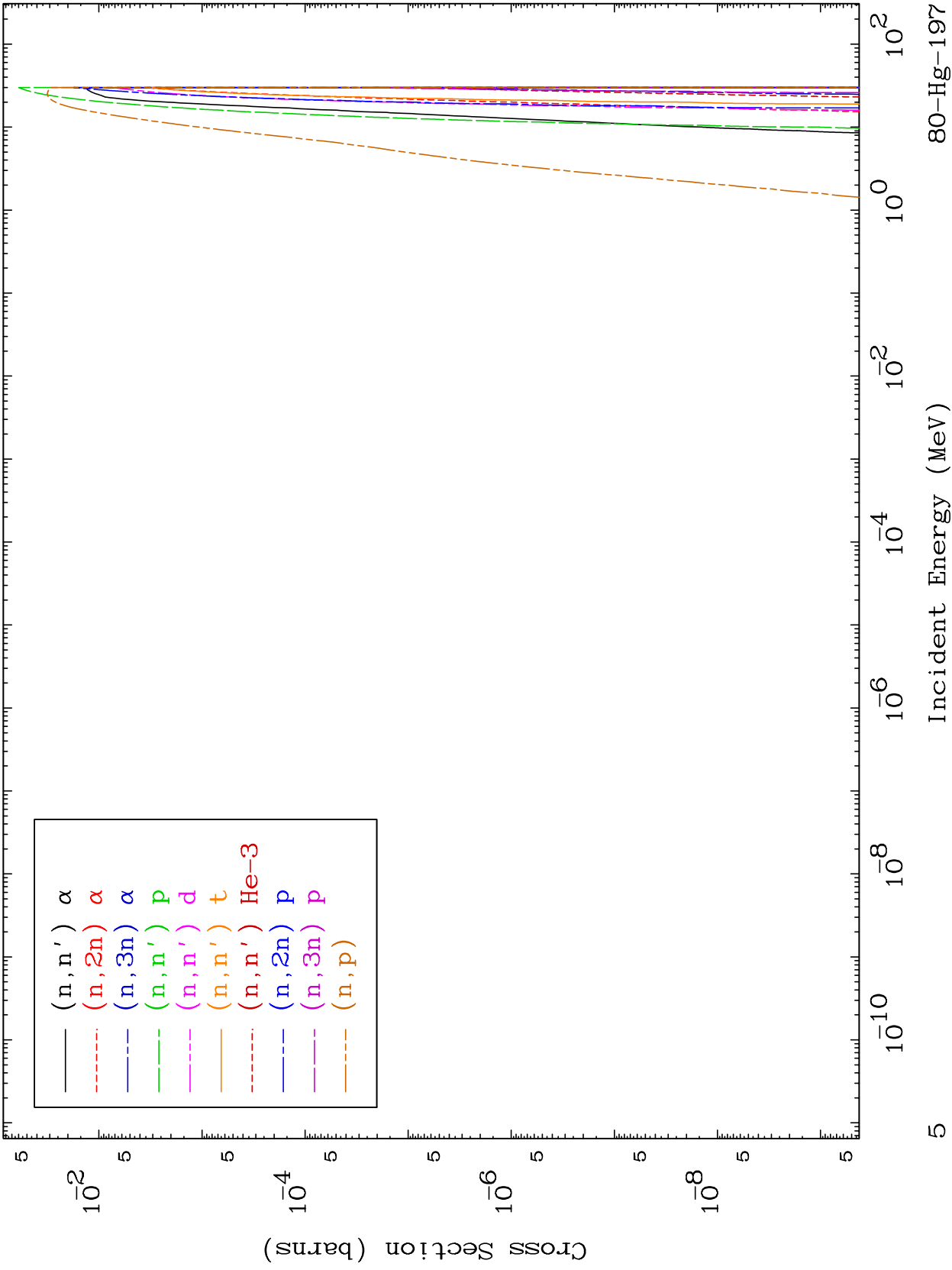


MAT 8028

Neutron Absorption  
293 Kelvin Cross Sections

80-Hg-197

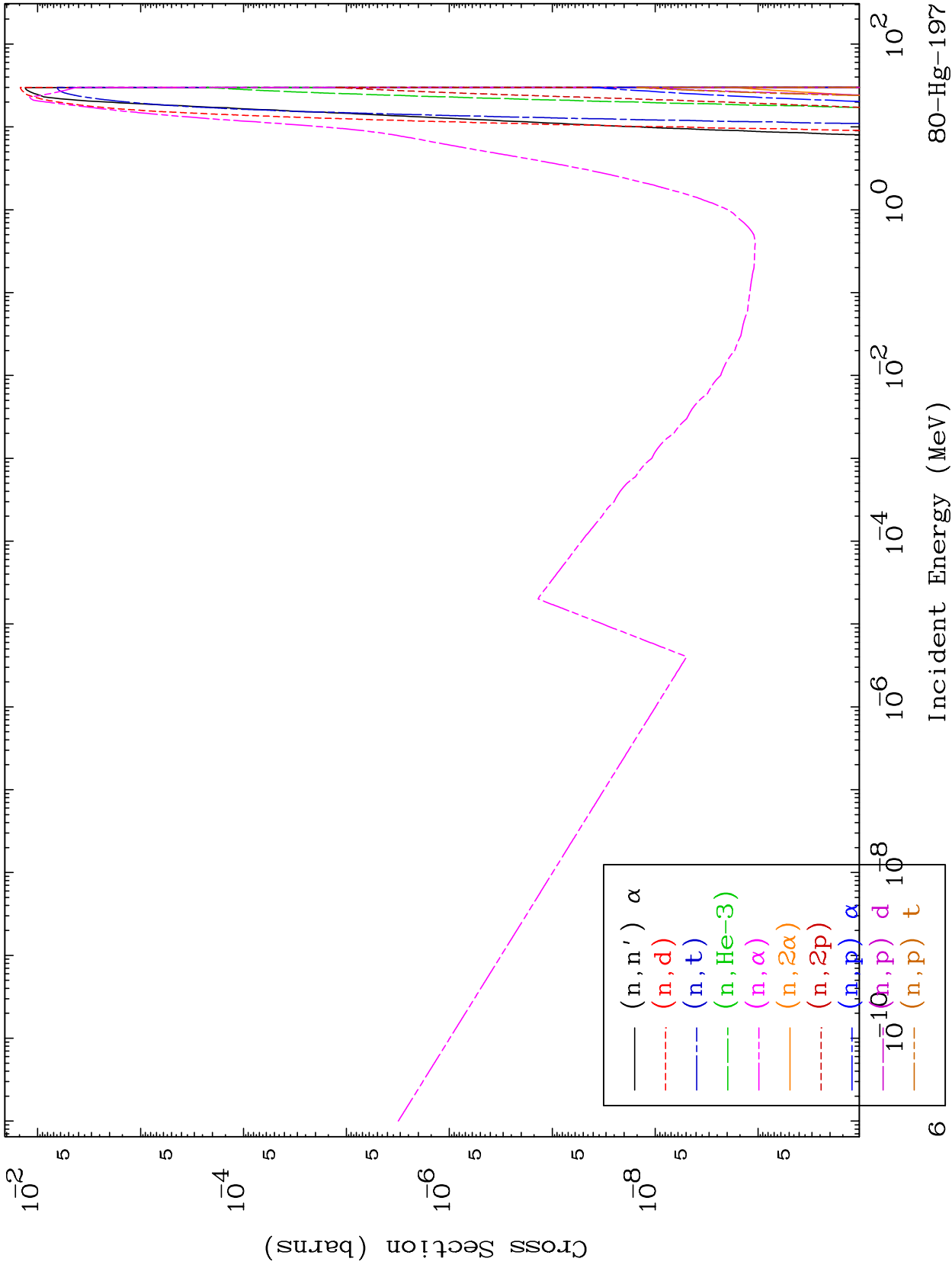




MAT 8028

Charged Particle  
293 Kelvin Cross Sections

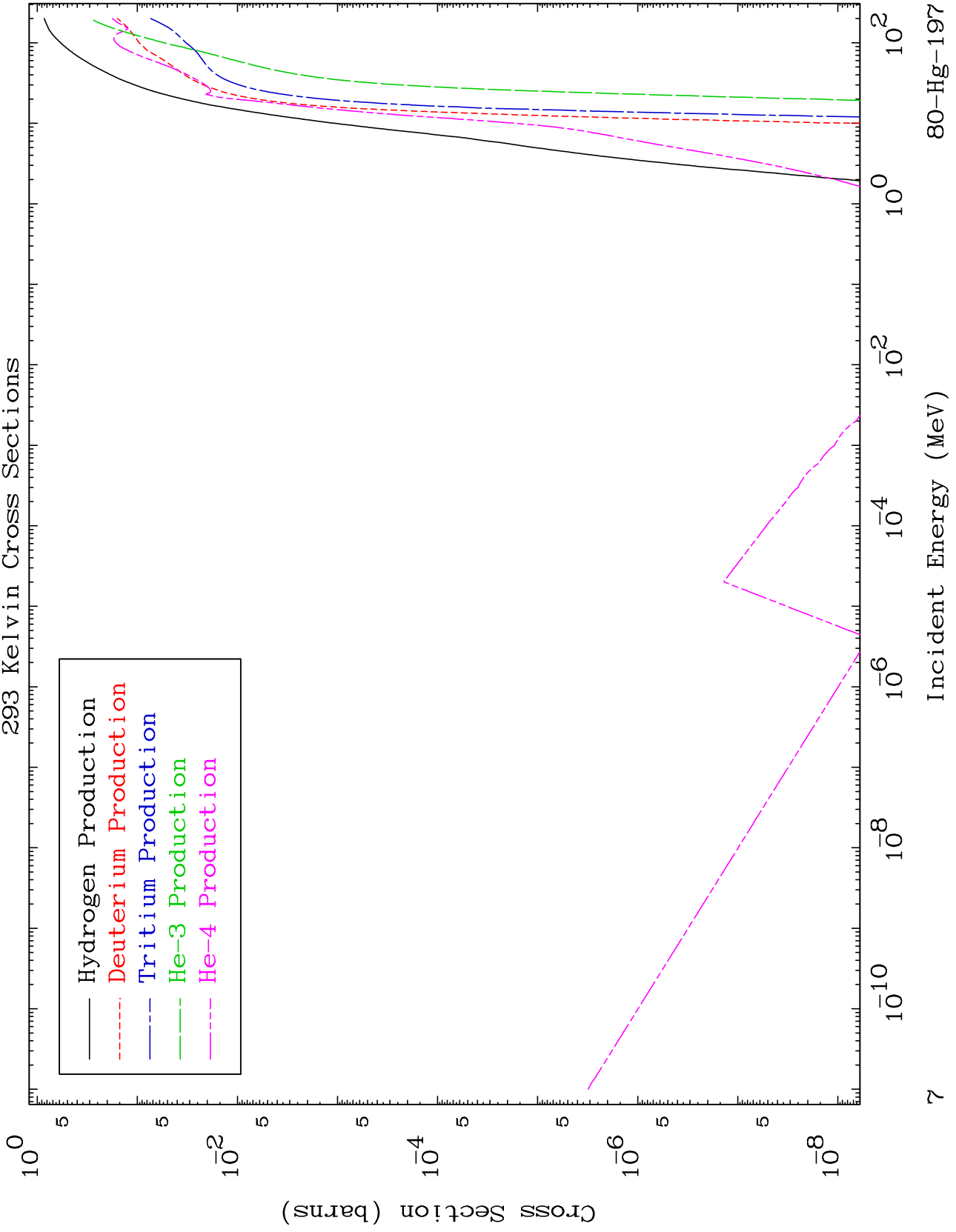
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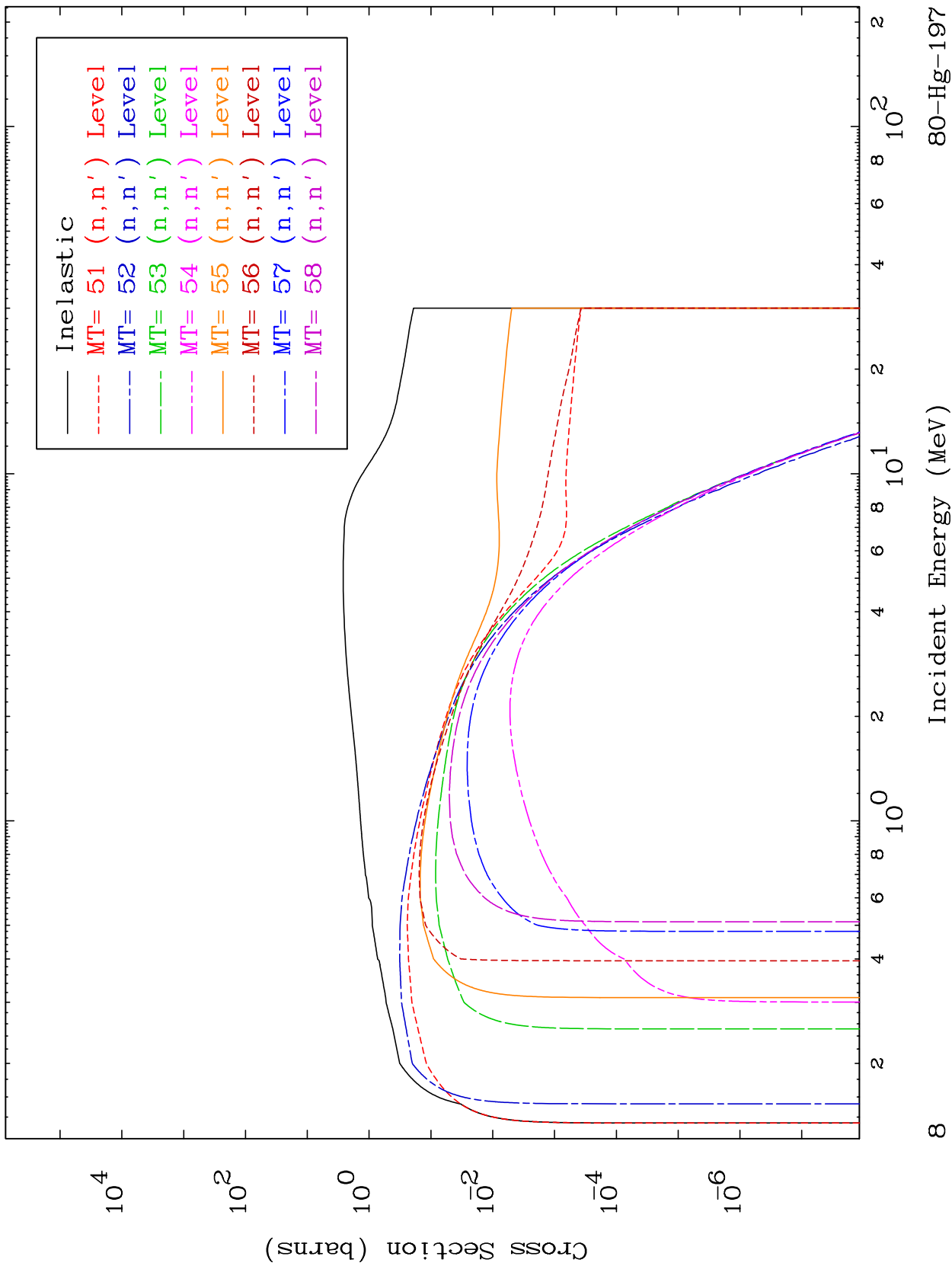


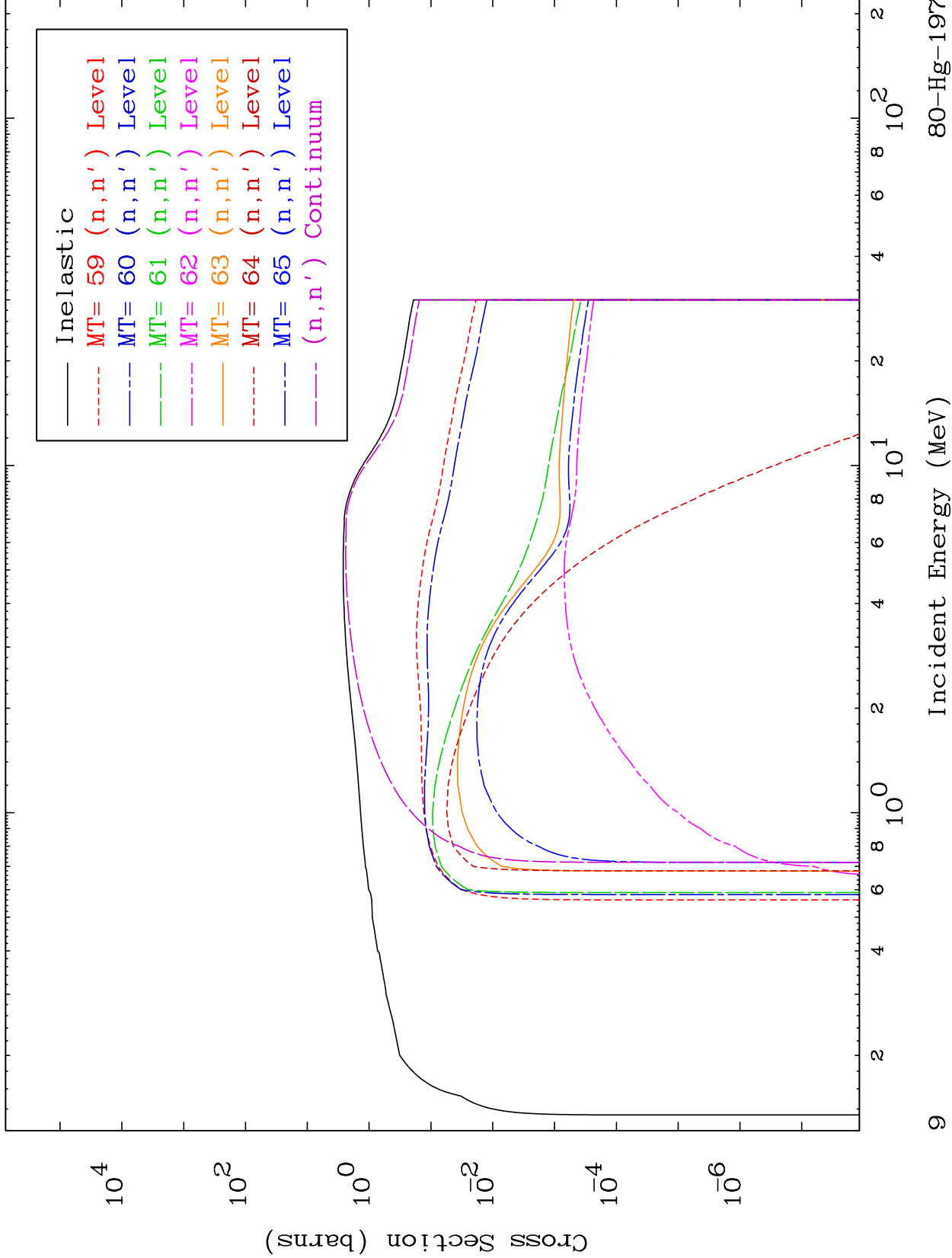
MAT 8028

Particle Production  
293 Kelvin Cross Sections

80-Hg-197



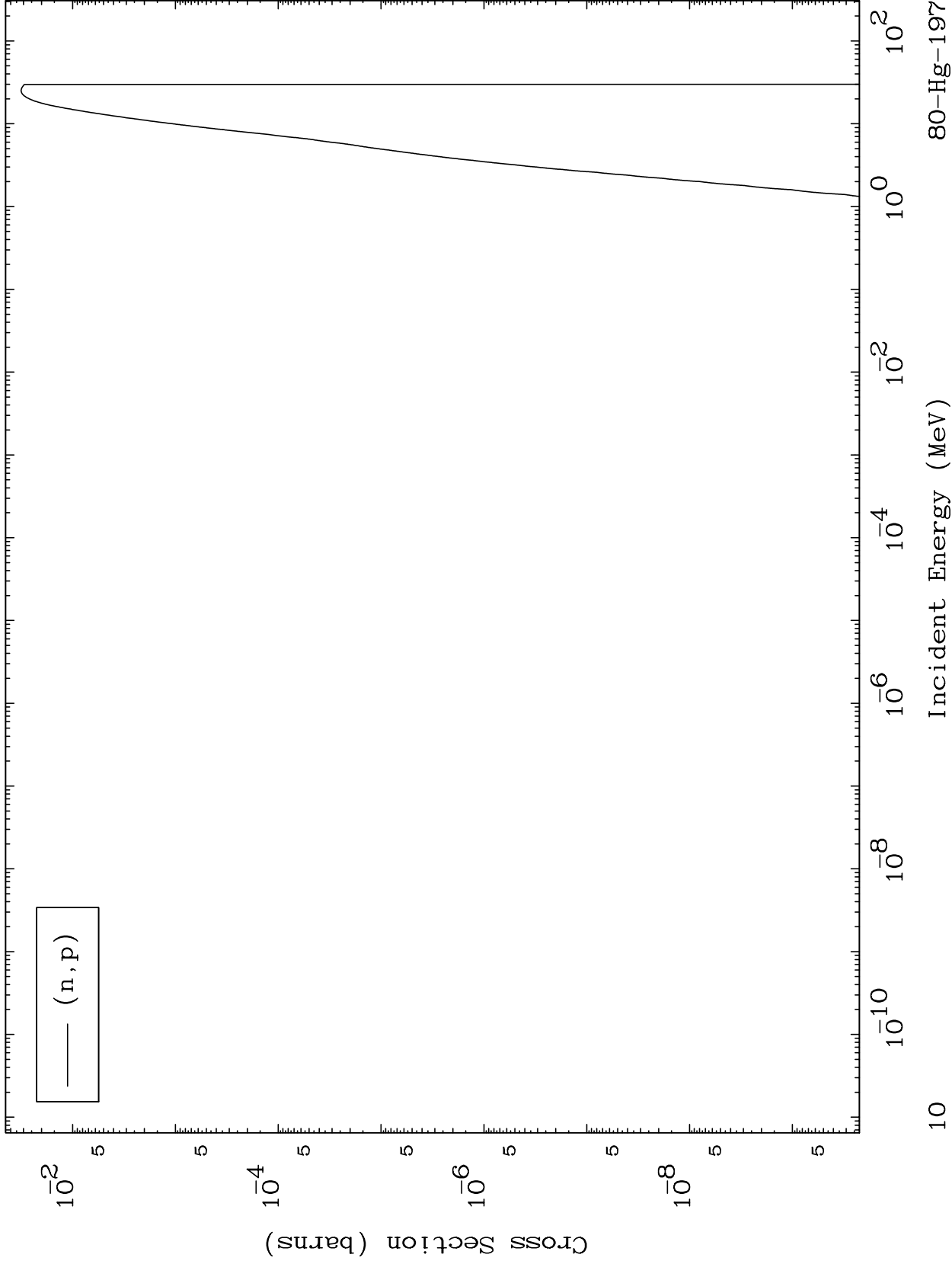




MAT 8028

(n,p) Levels  
293 Kelvin Cross Sections

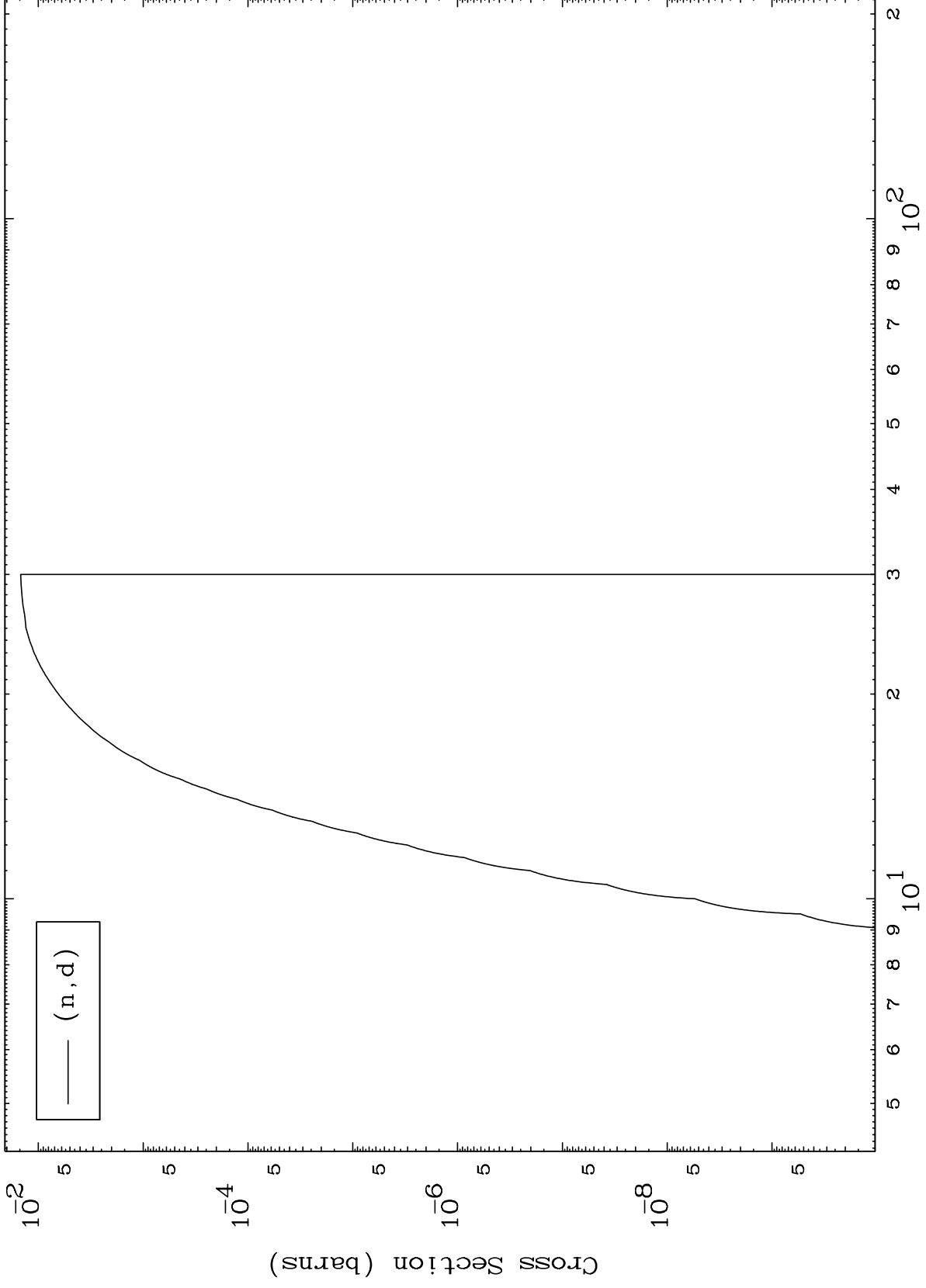
80-Hg-197



MAT 8028

(n,d) Levels  
293 Kelvin Cross Sections

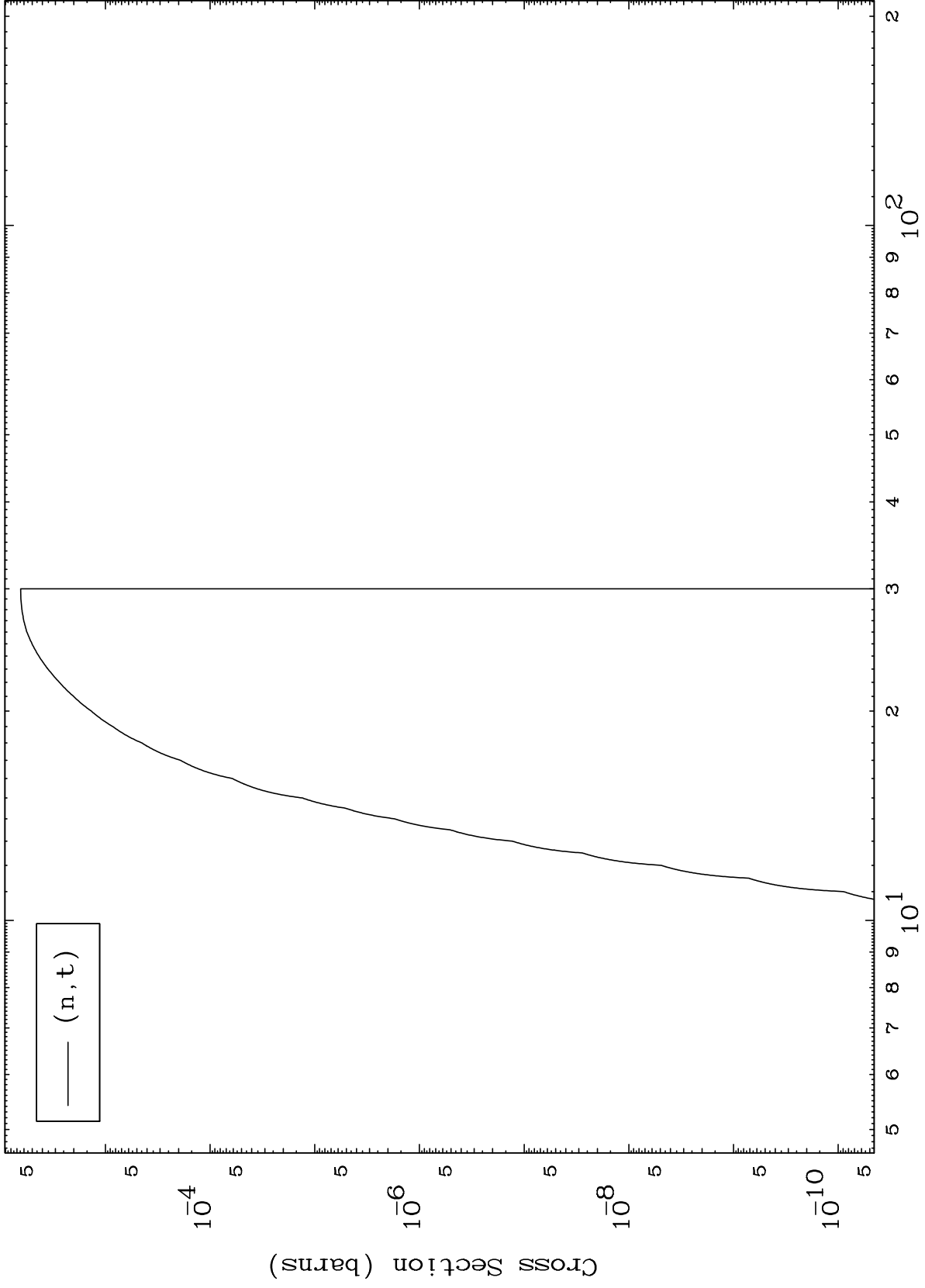
80-Hg-197



MAT 8028

(n,t) Levels  
293 Kelvin Cross Sections

80-Hg-197



12

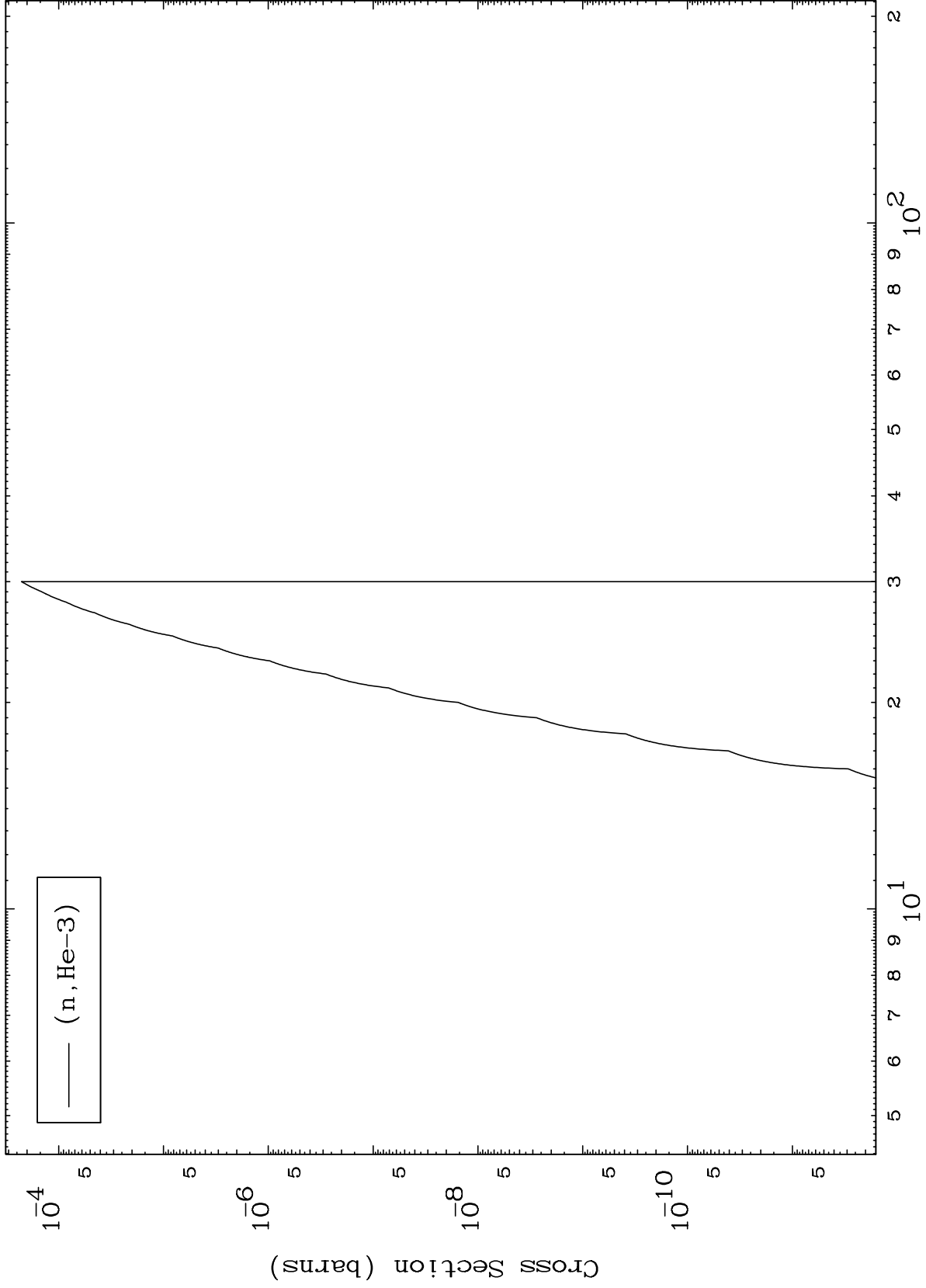
Incident Energy (MeV)

80-Hg-197

MAT 8028

(n,He3) Levels  
293 Kelvin Cross Sections

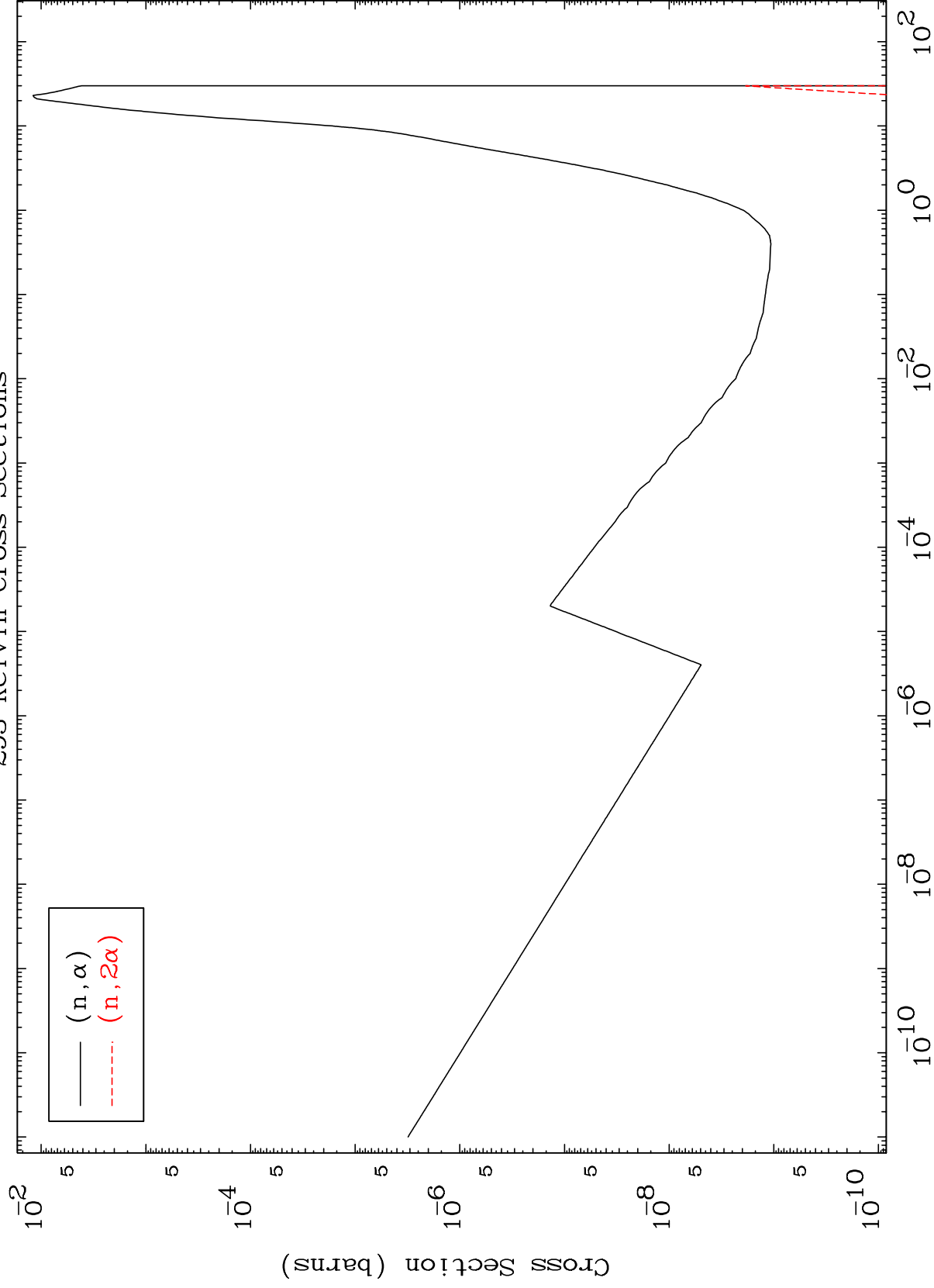
80-Hg-197



MAT 8028

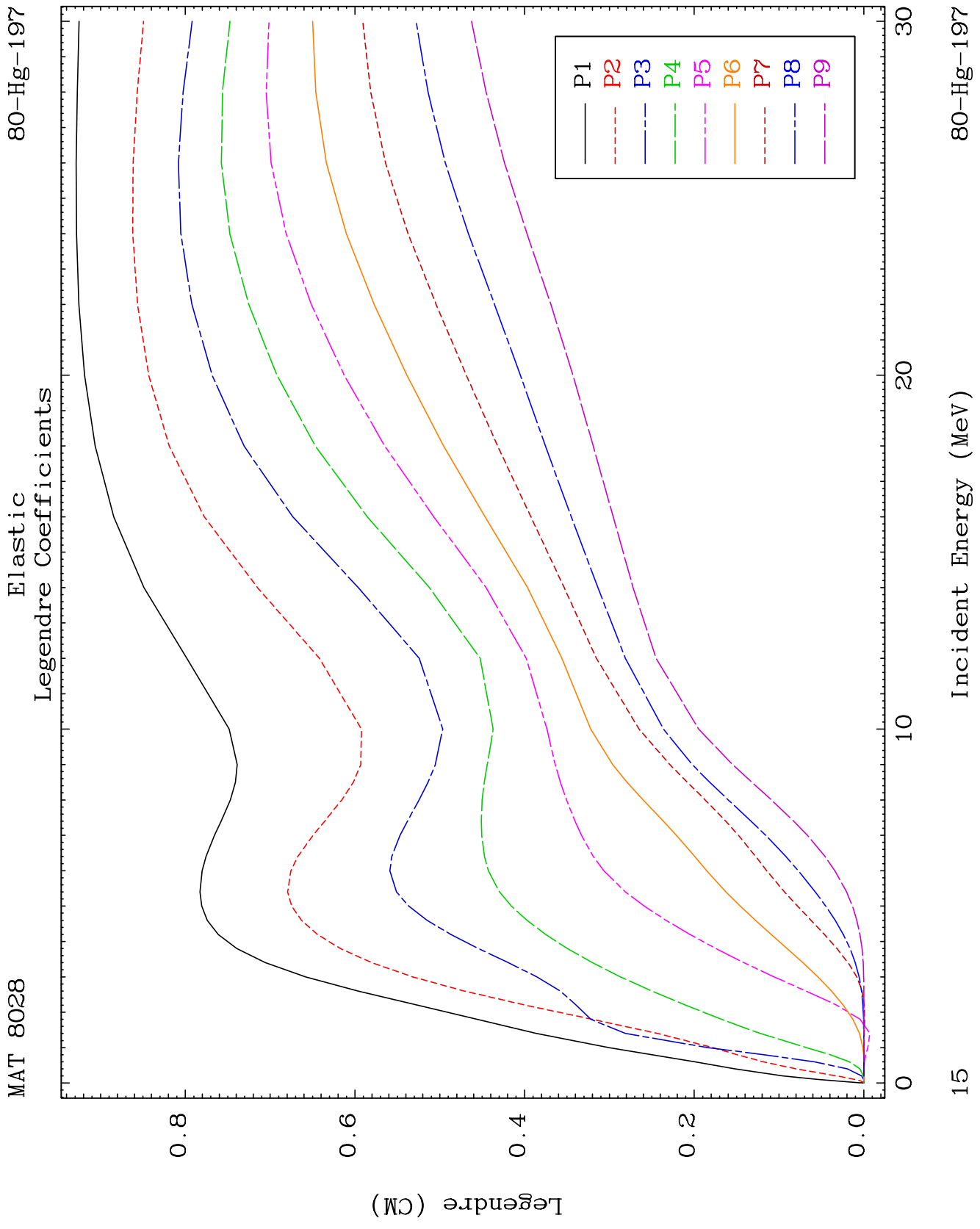
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

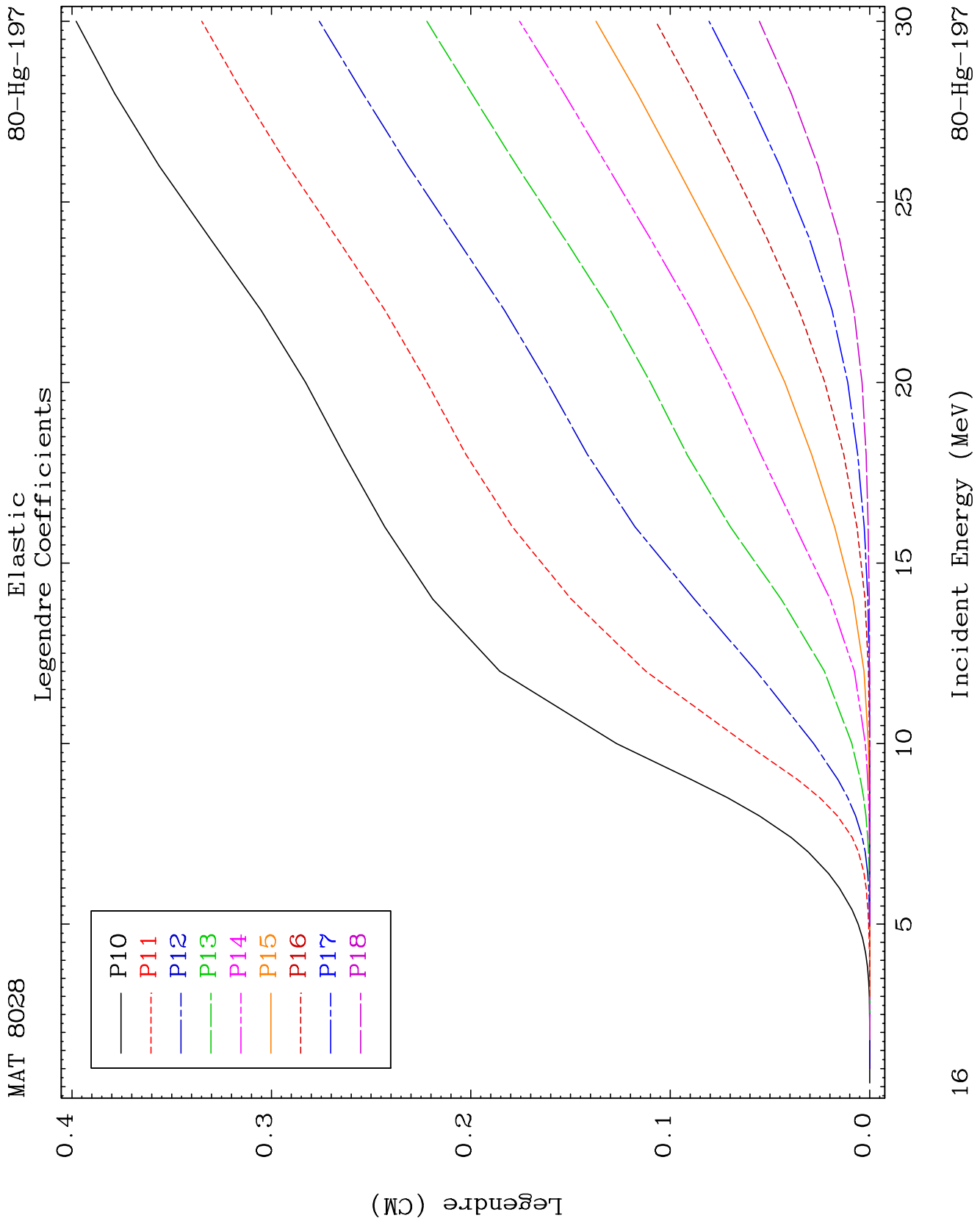
80-Hg-197



14

80-Hg-197

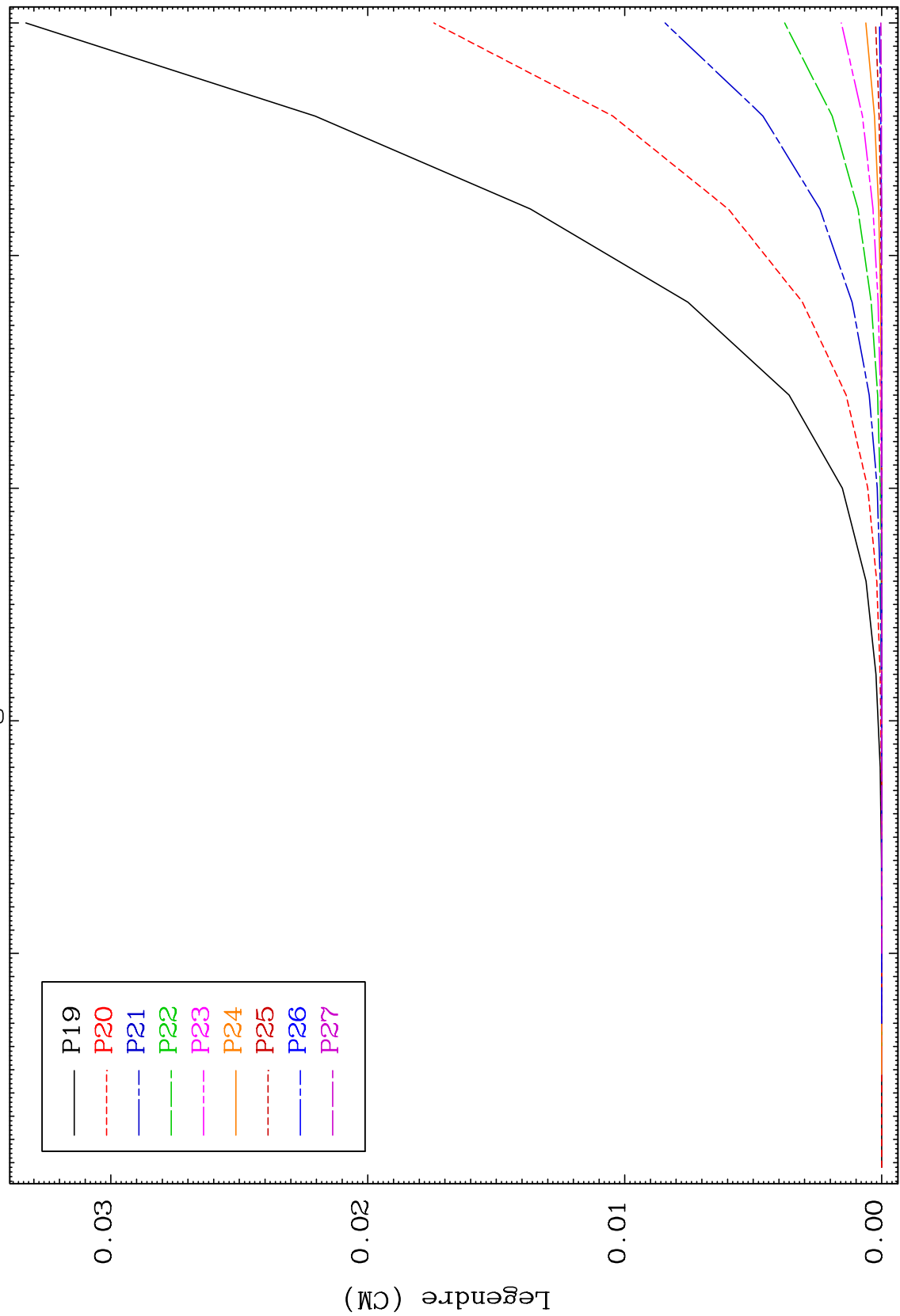




MAT 8028

Elastic Legendre Coefficients

80-Hg-197



17

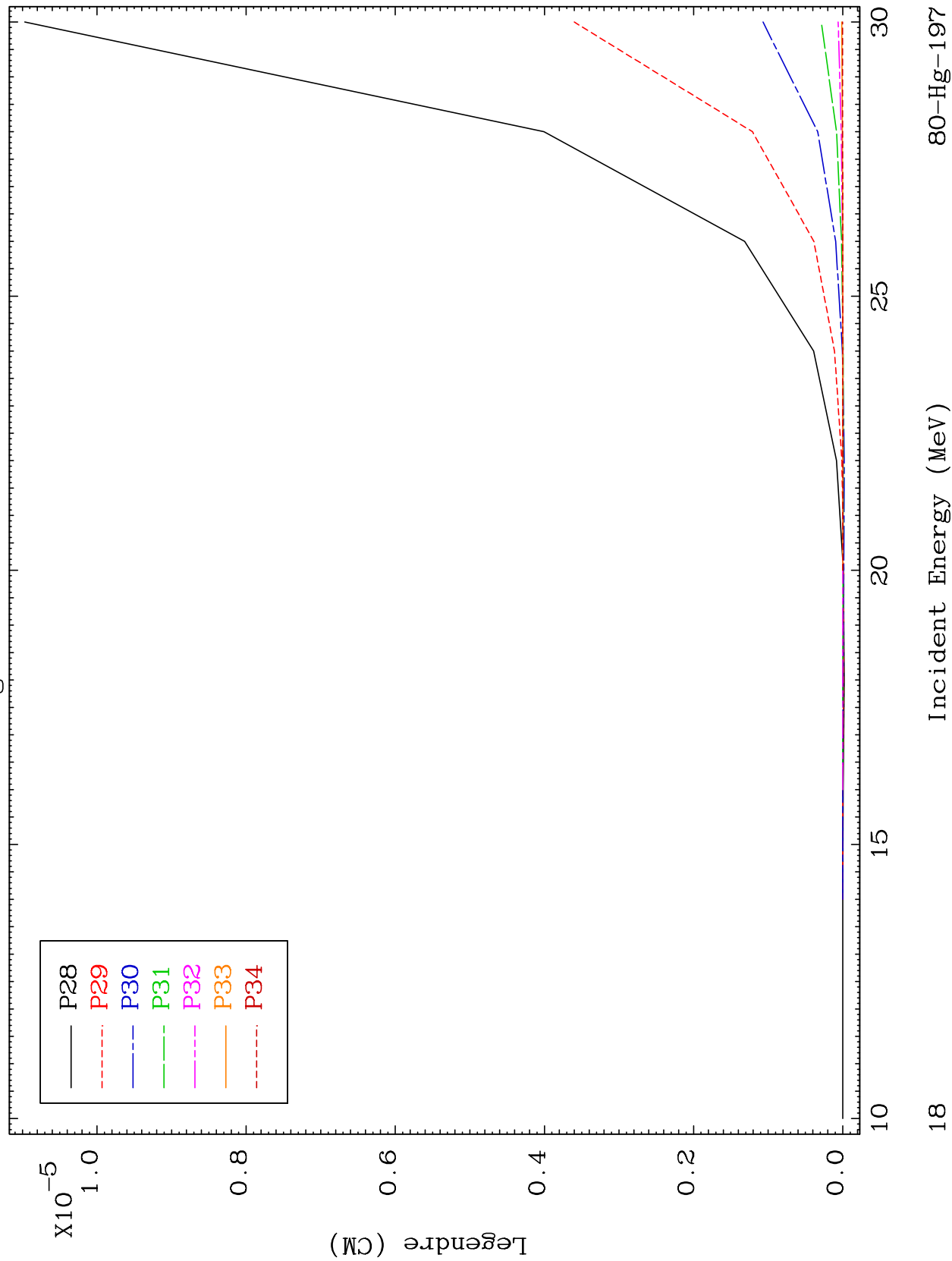
Incident Energy (MeV)

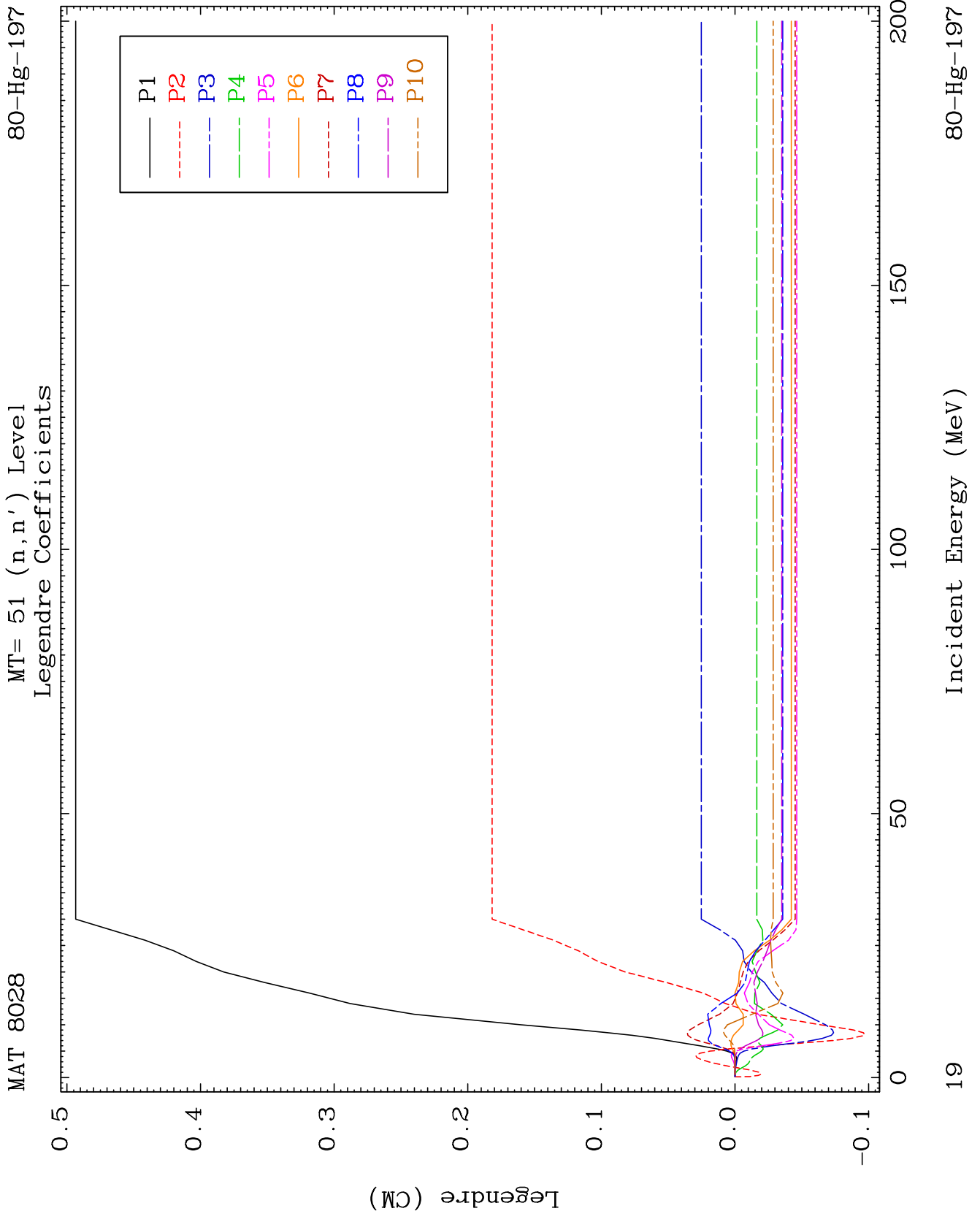
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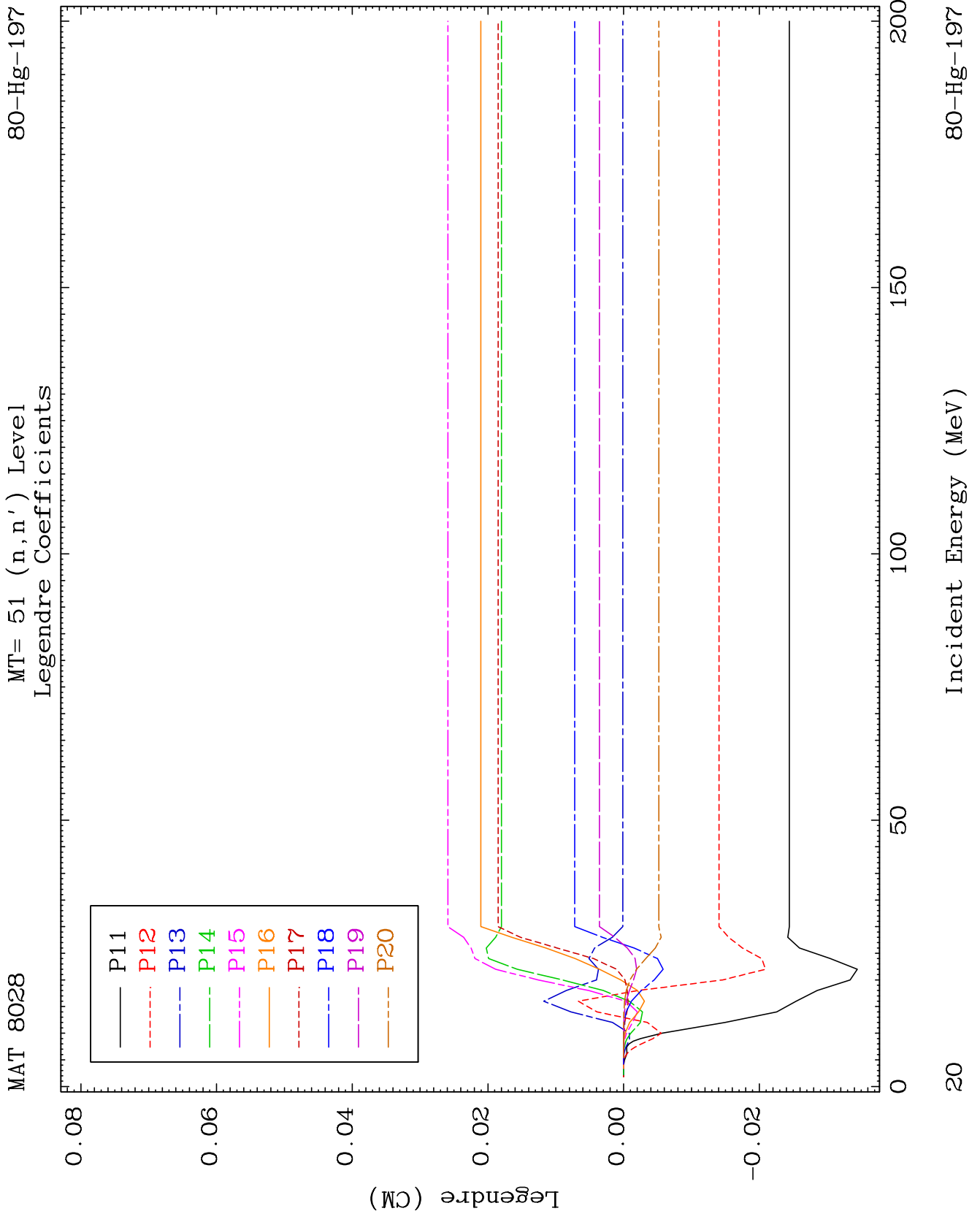
MAT 8028

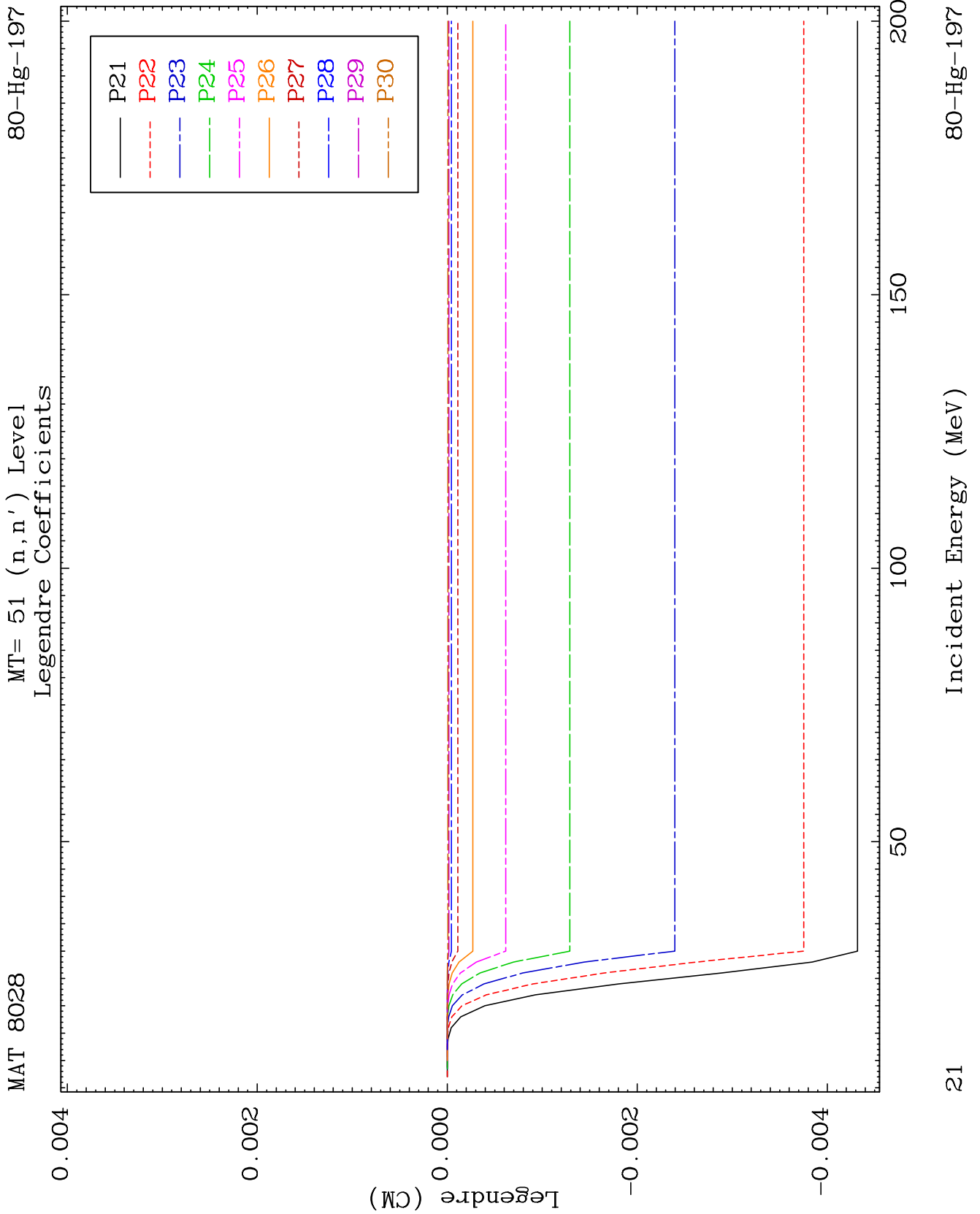
Elastic Legendre Coefficients

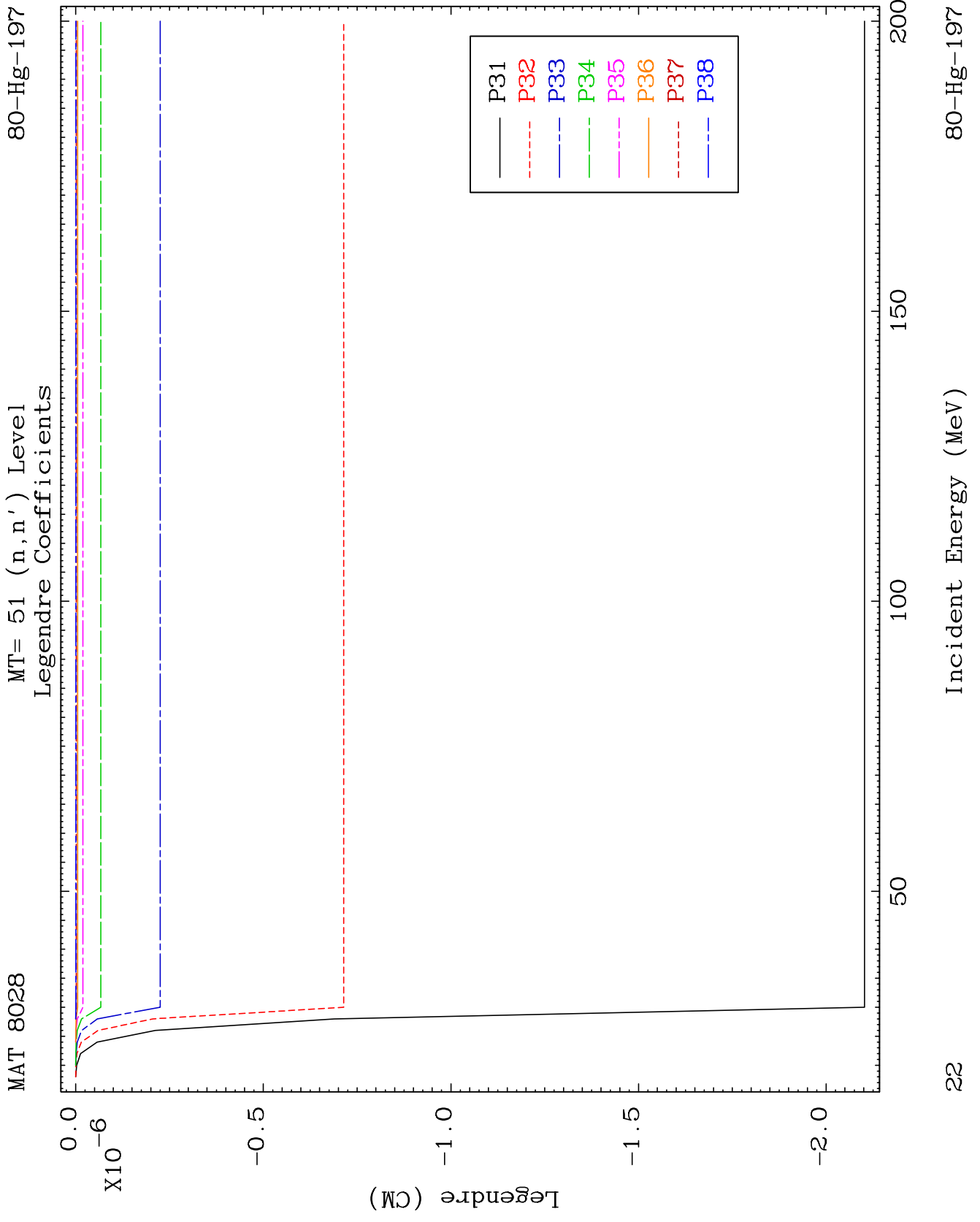
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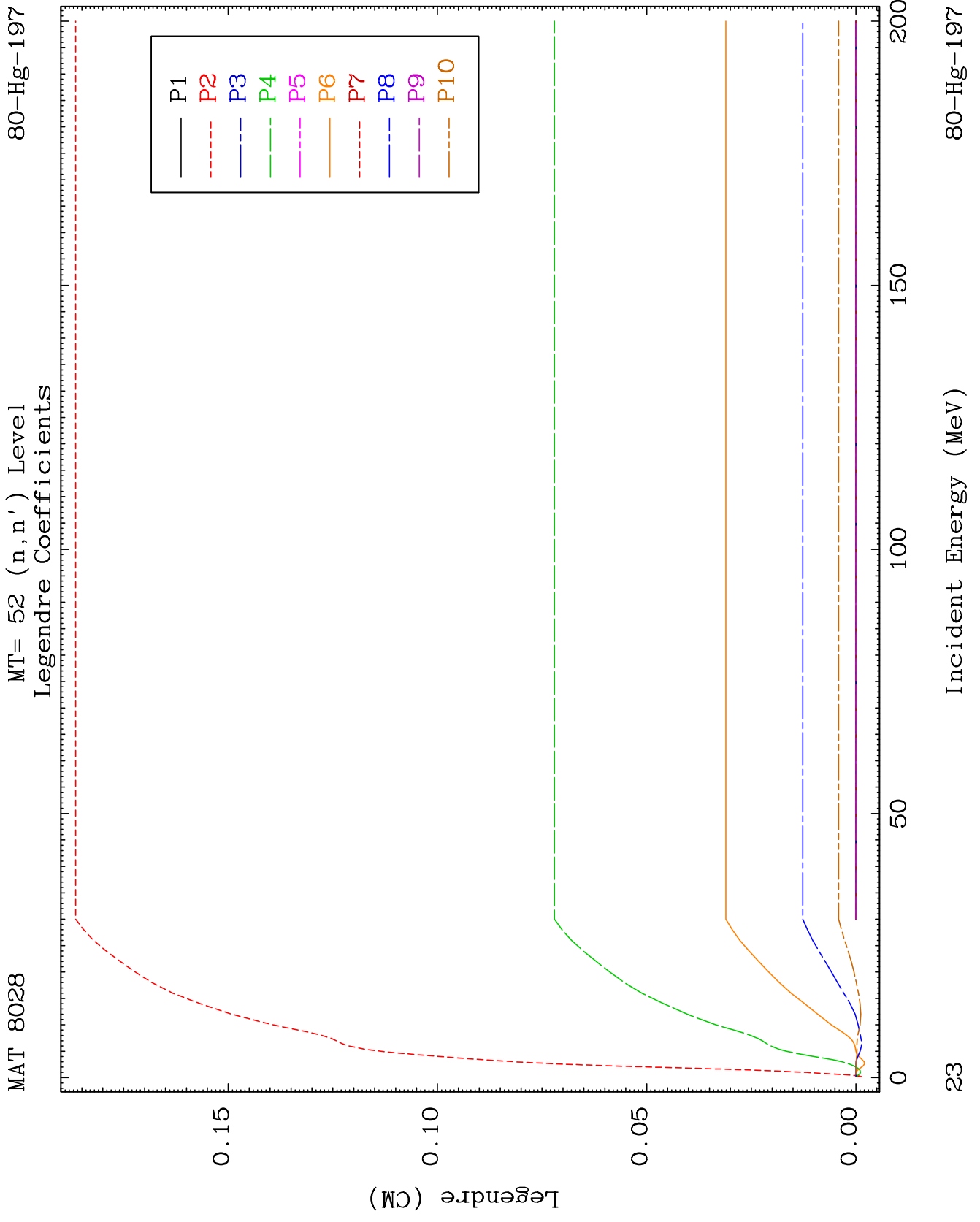








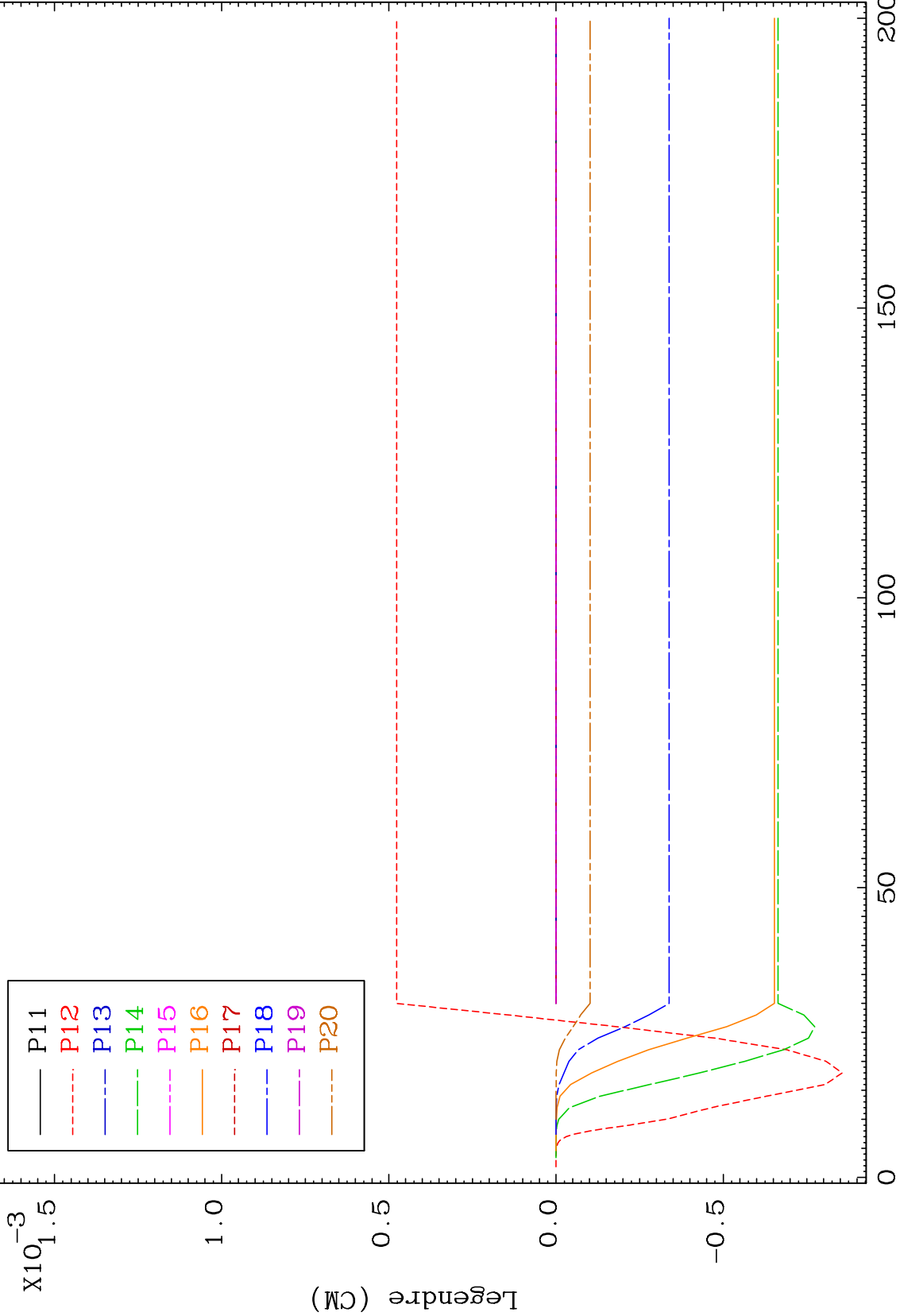
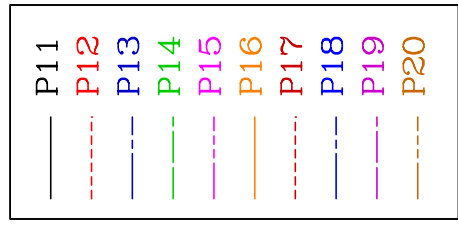




MAT 8028

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

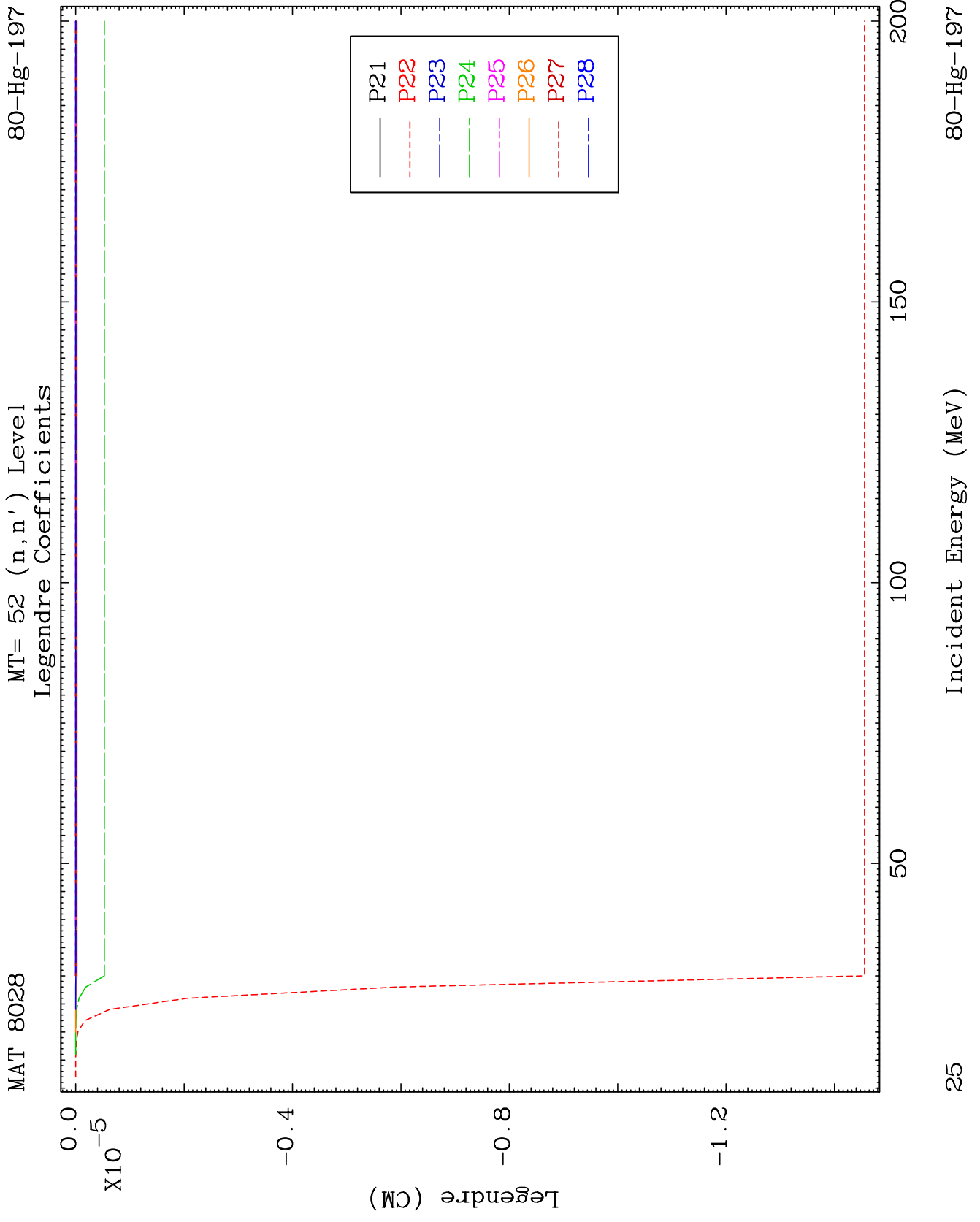
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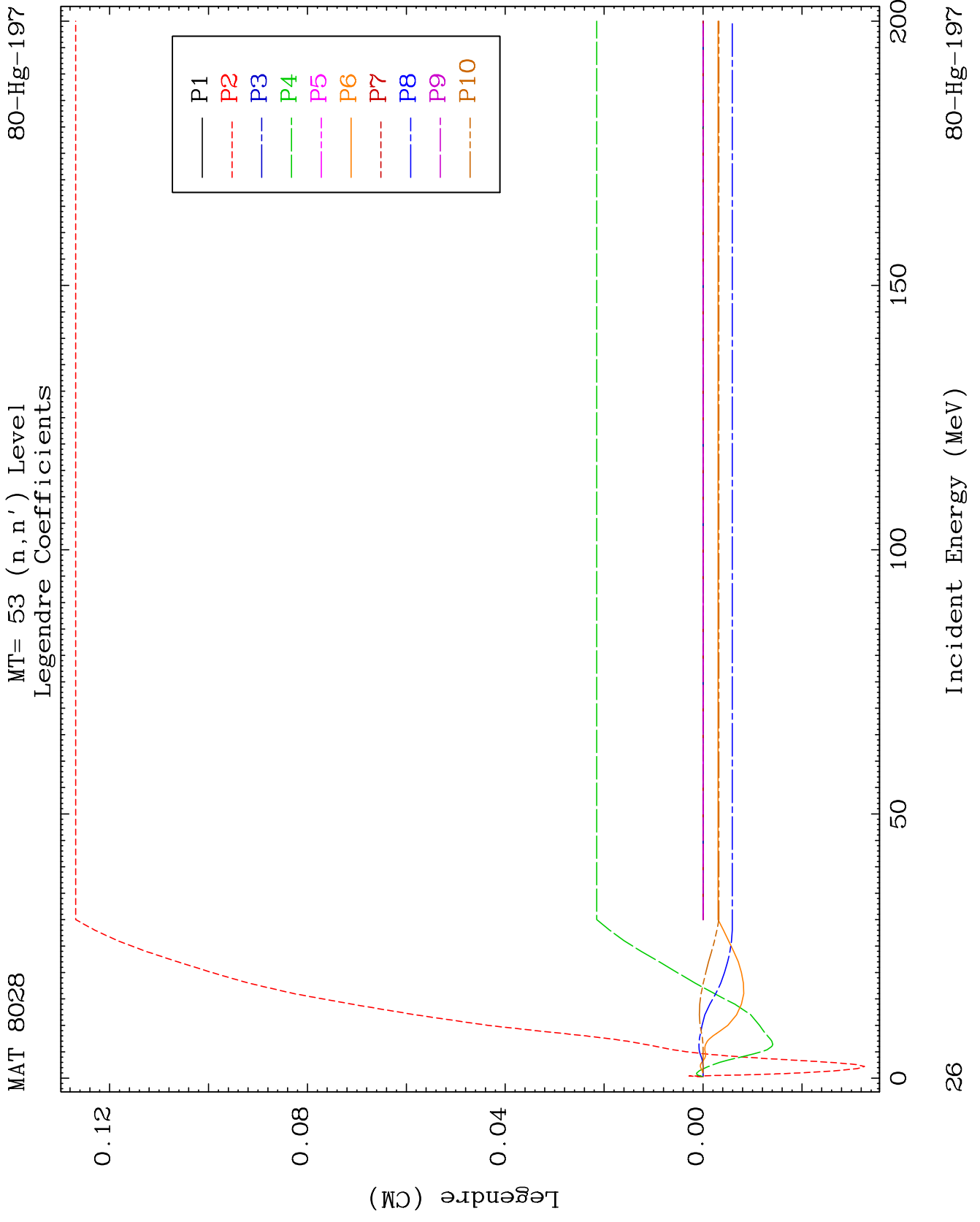


24

Incident Energy (MeV)

80-Hg-197

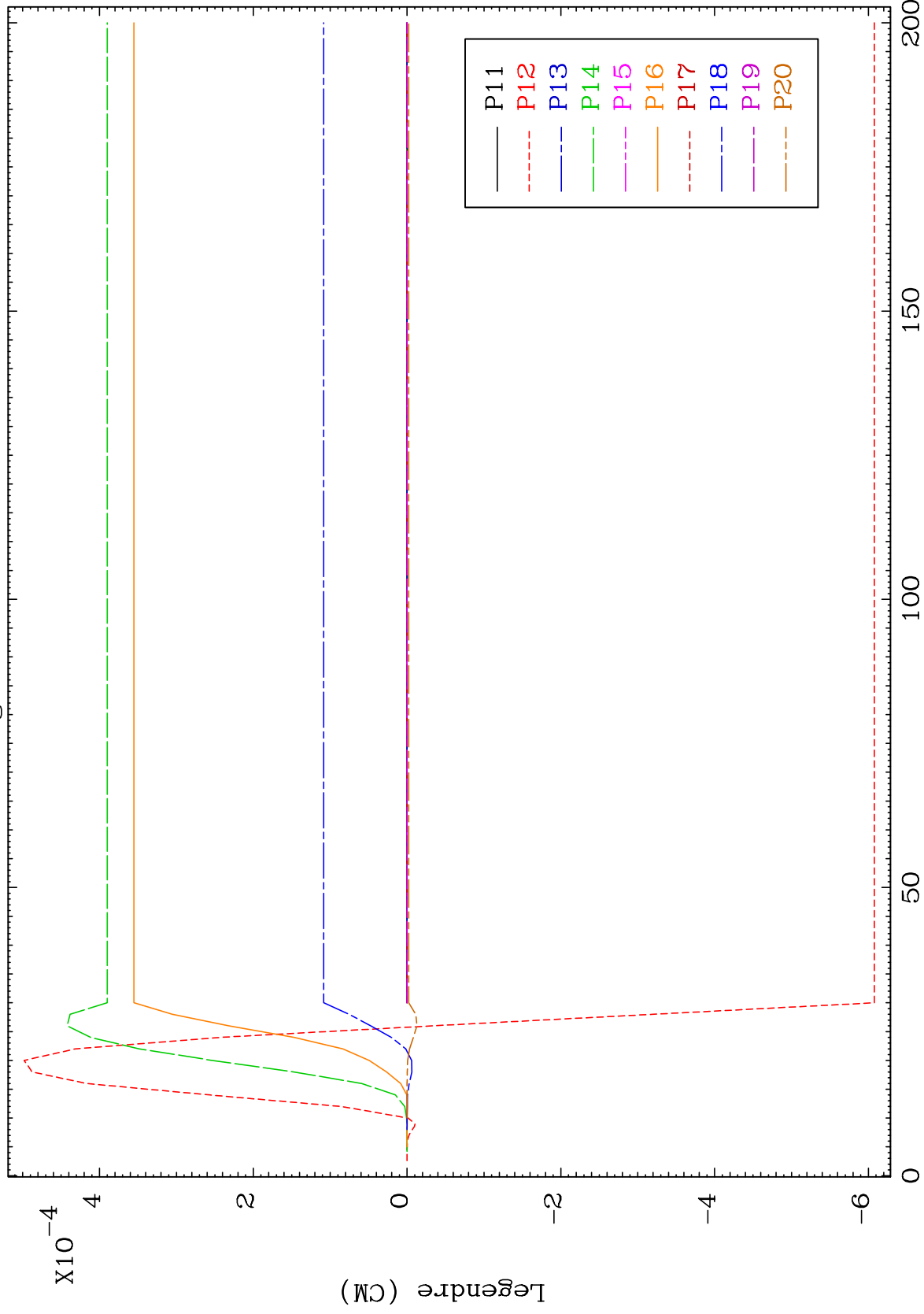




MAT 8028

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

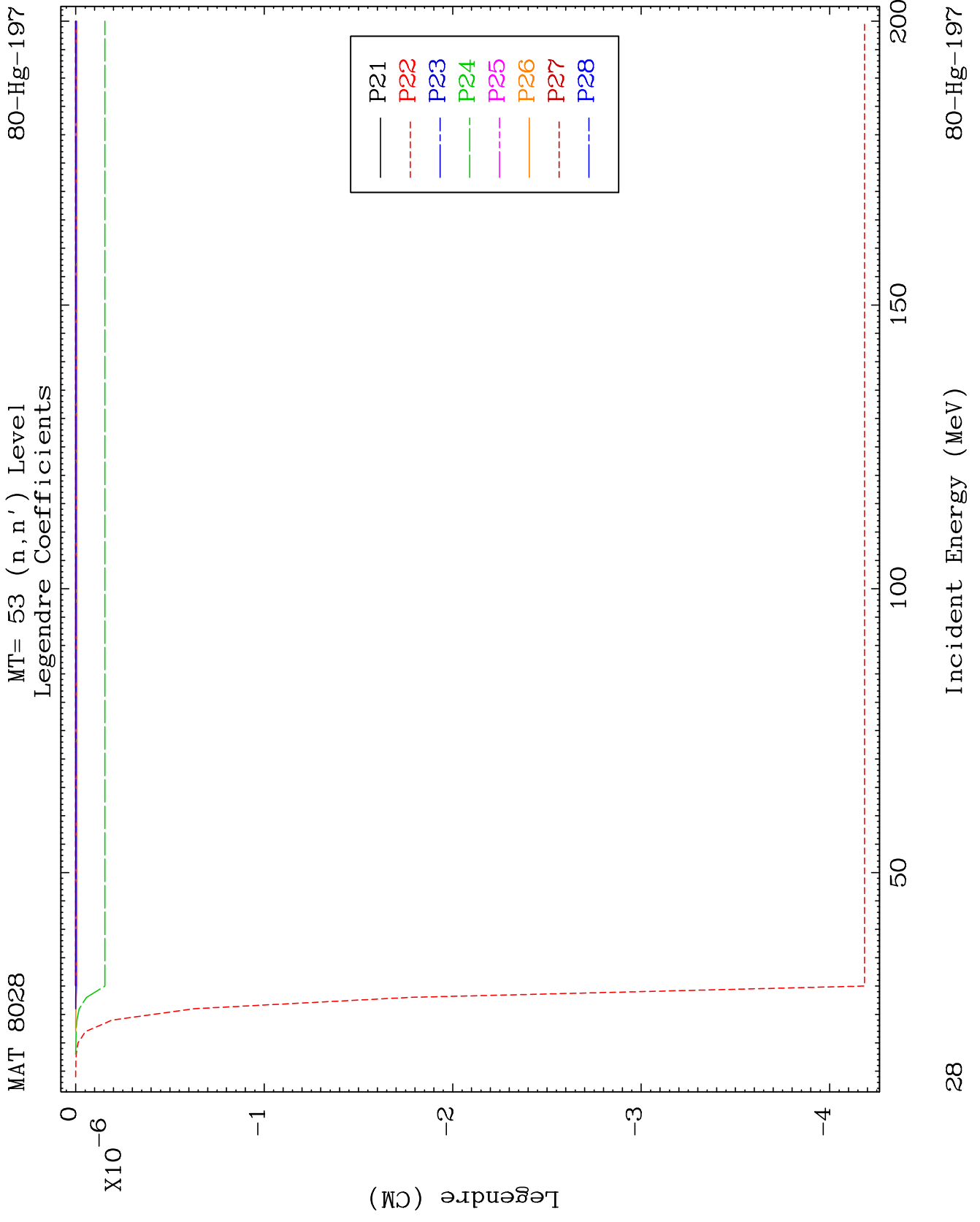
80-Hg-197



27

Incident Energy (MeV)

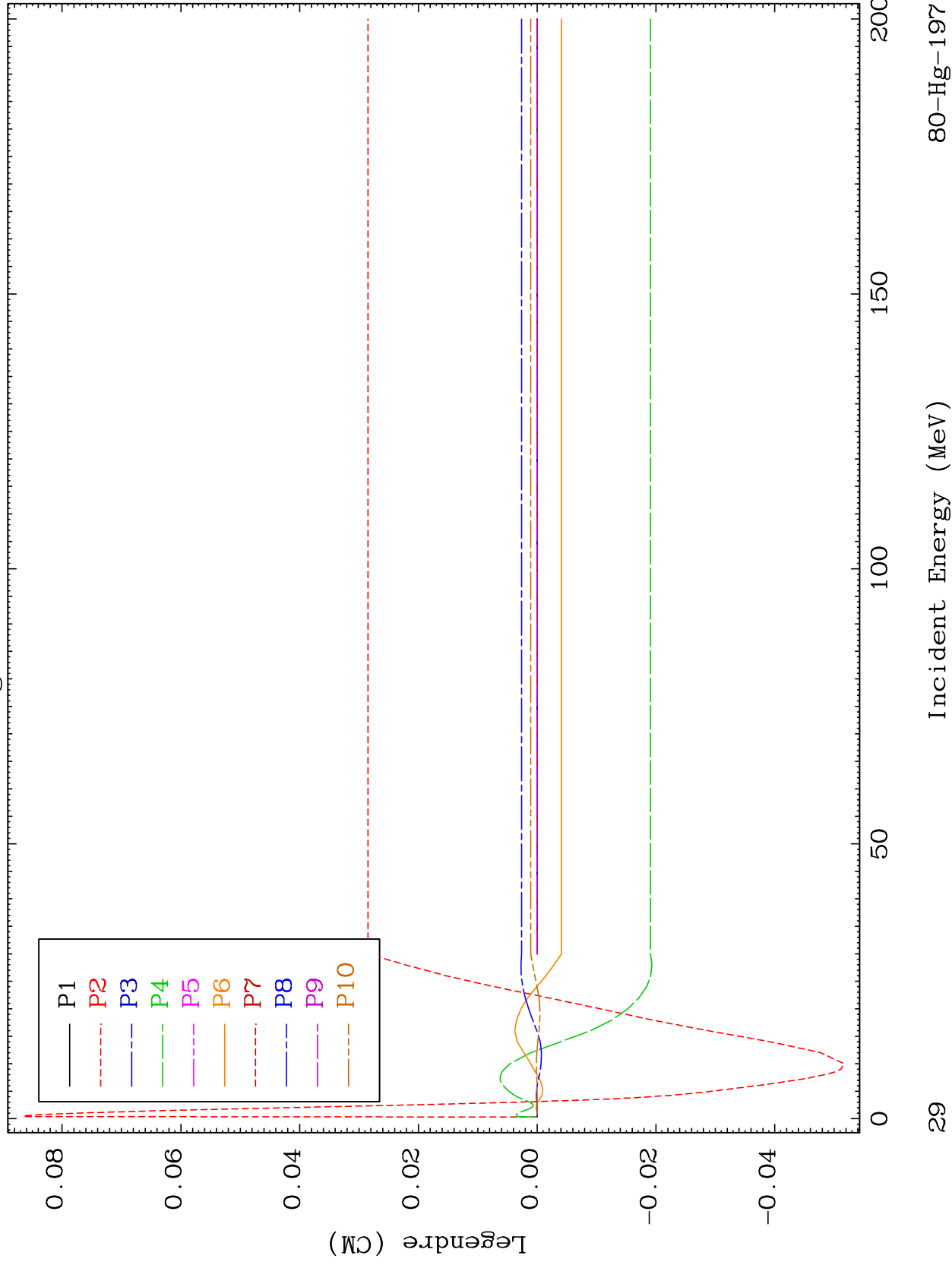
80-Hg-197



MAT 8028

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

80-Hg-197



29

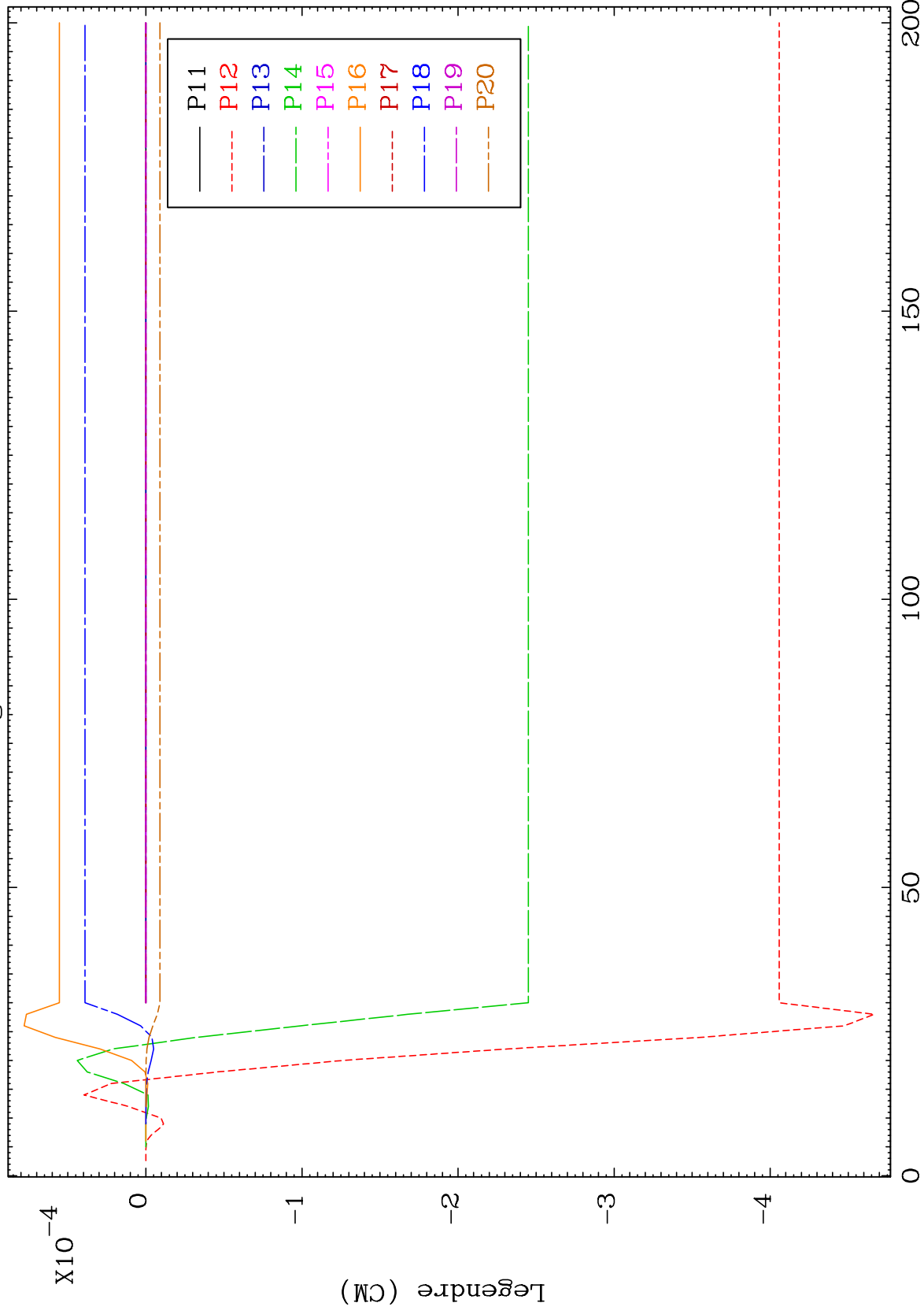
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

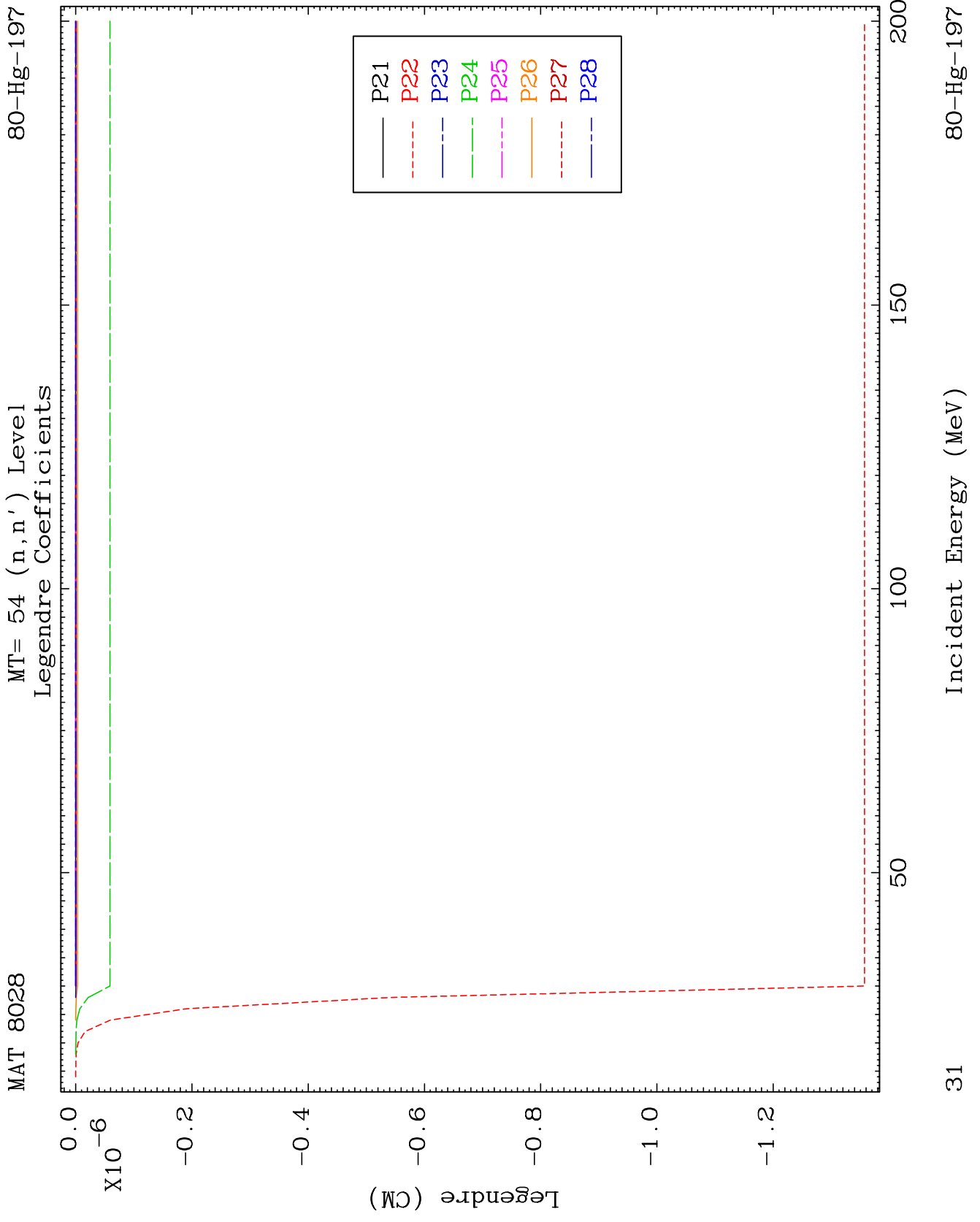
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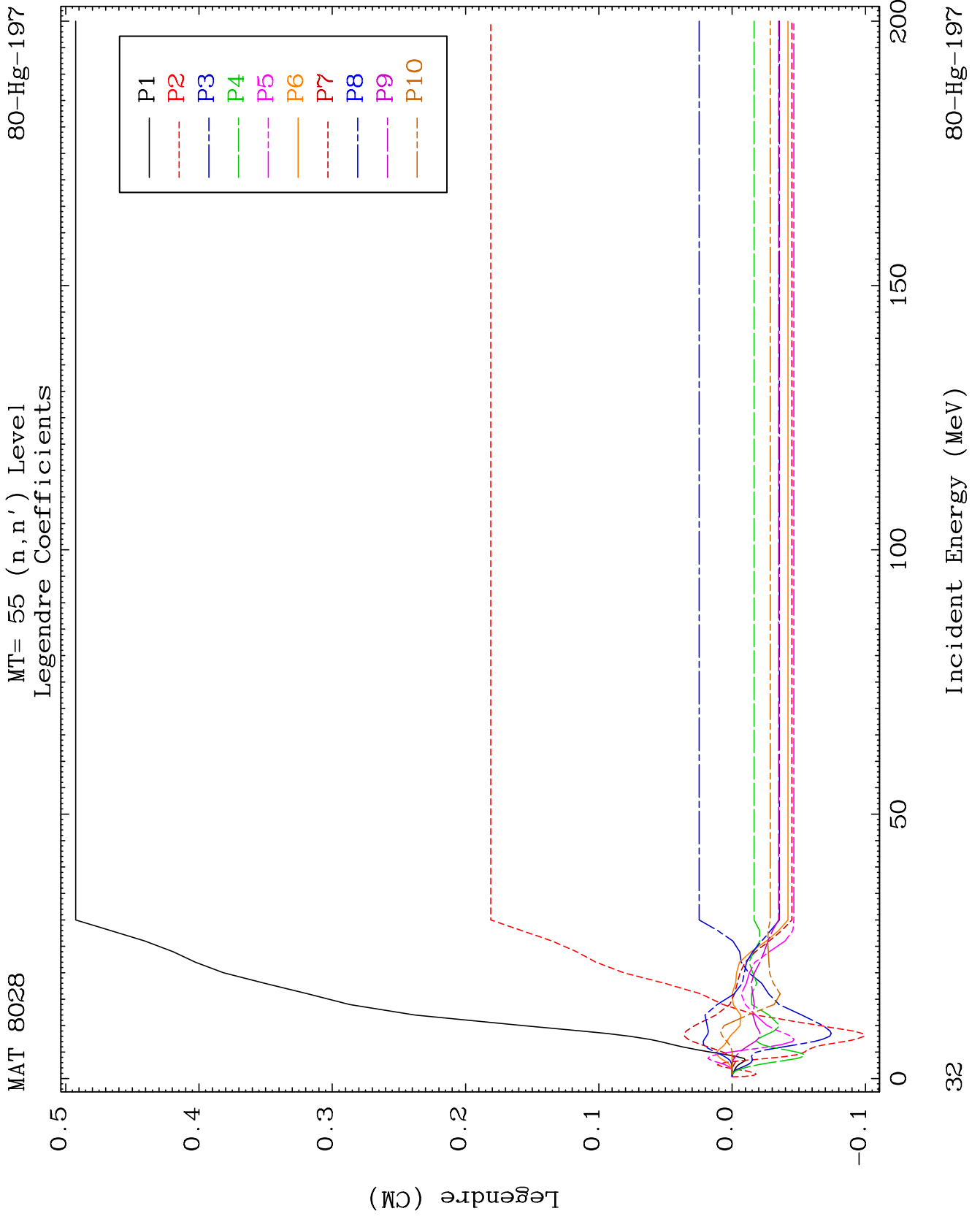


30

Incident Energy (MeV)

80-Hg-197

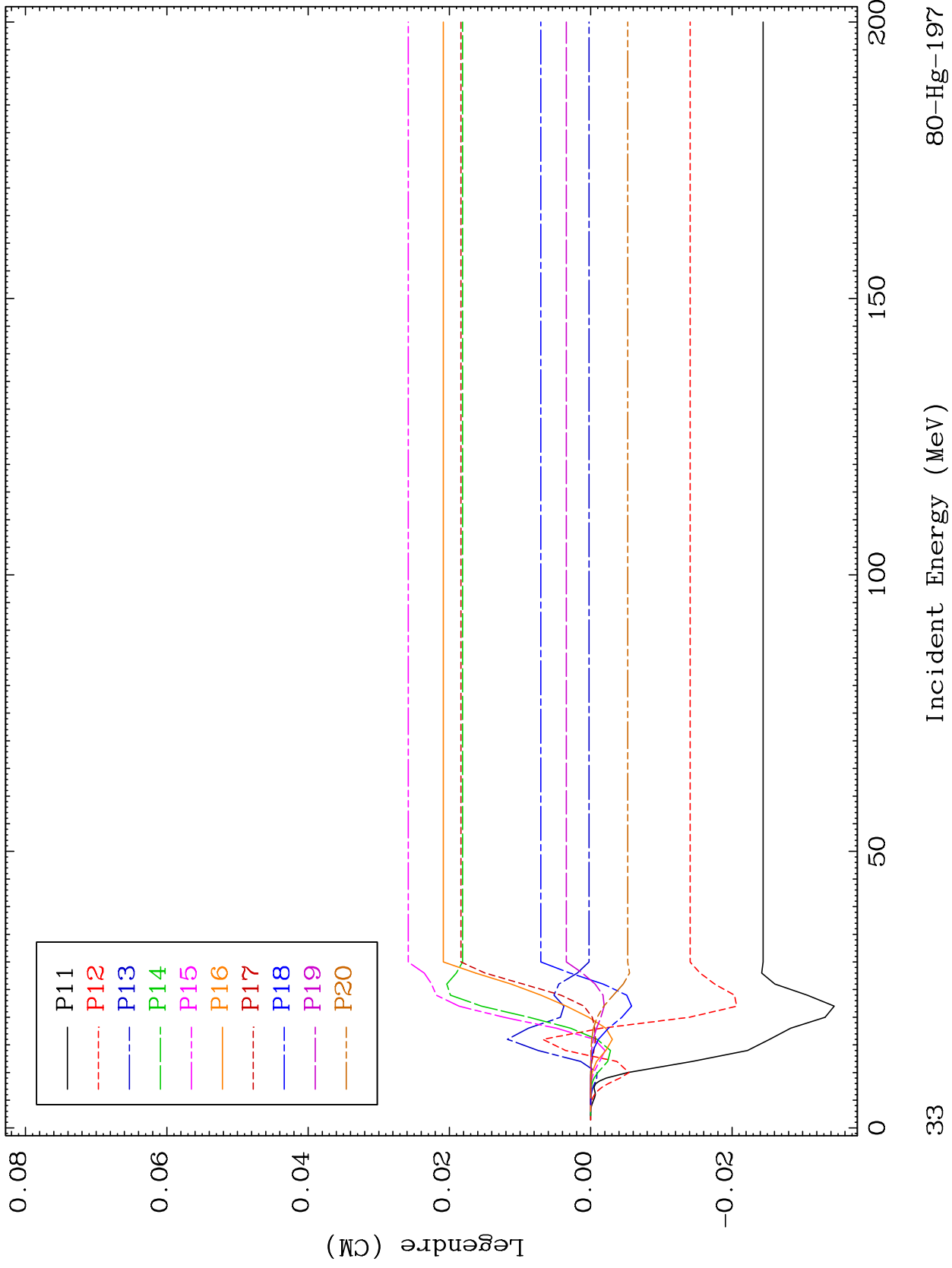




MAT 8028

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

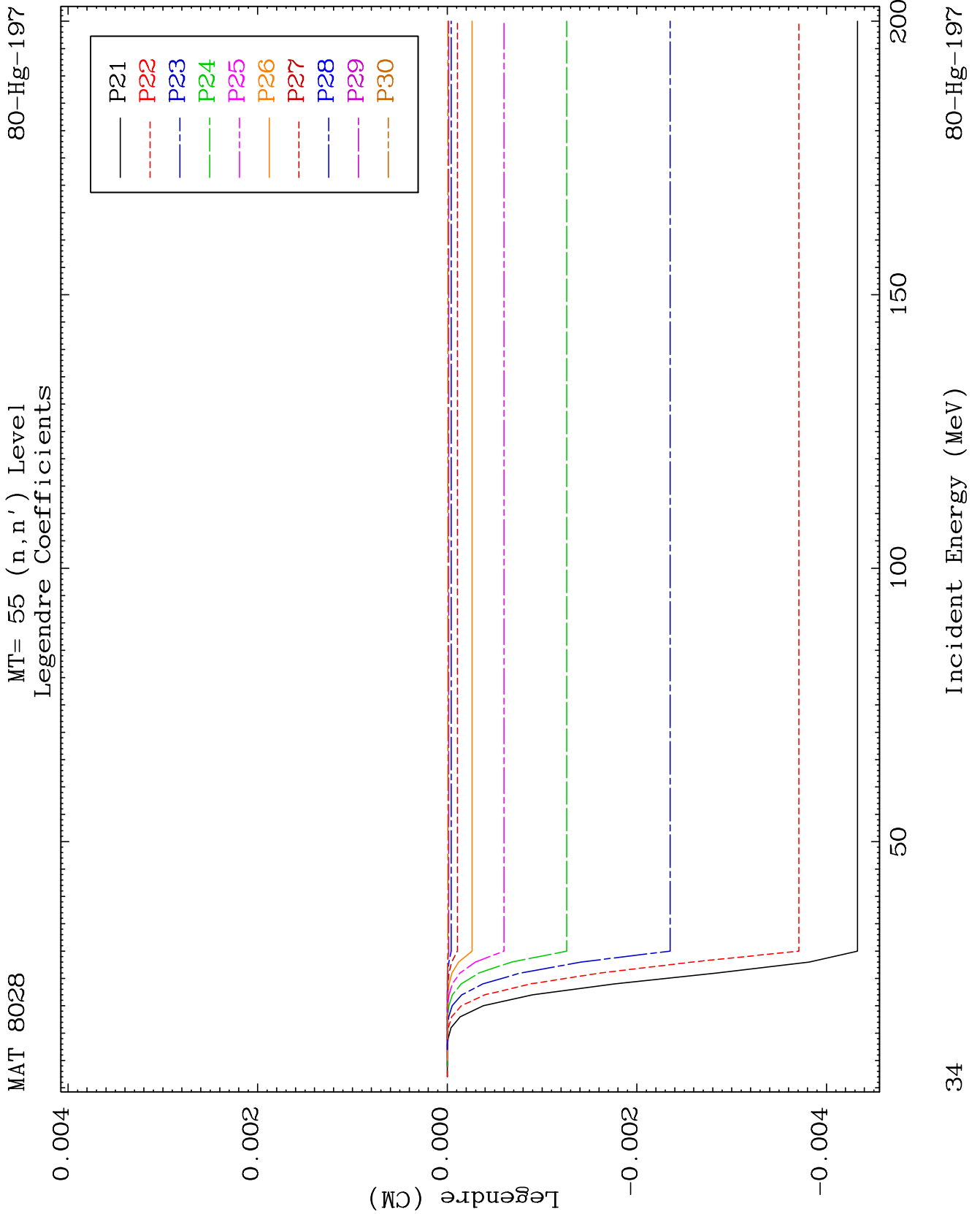
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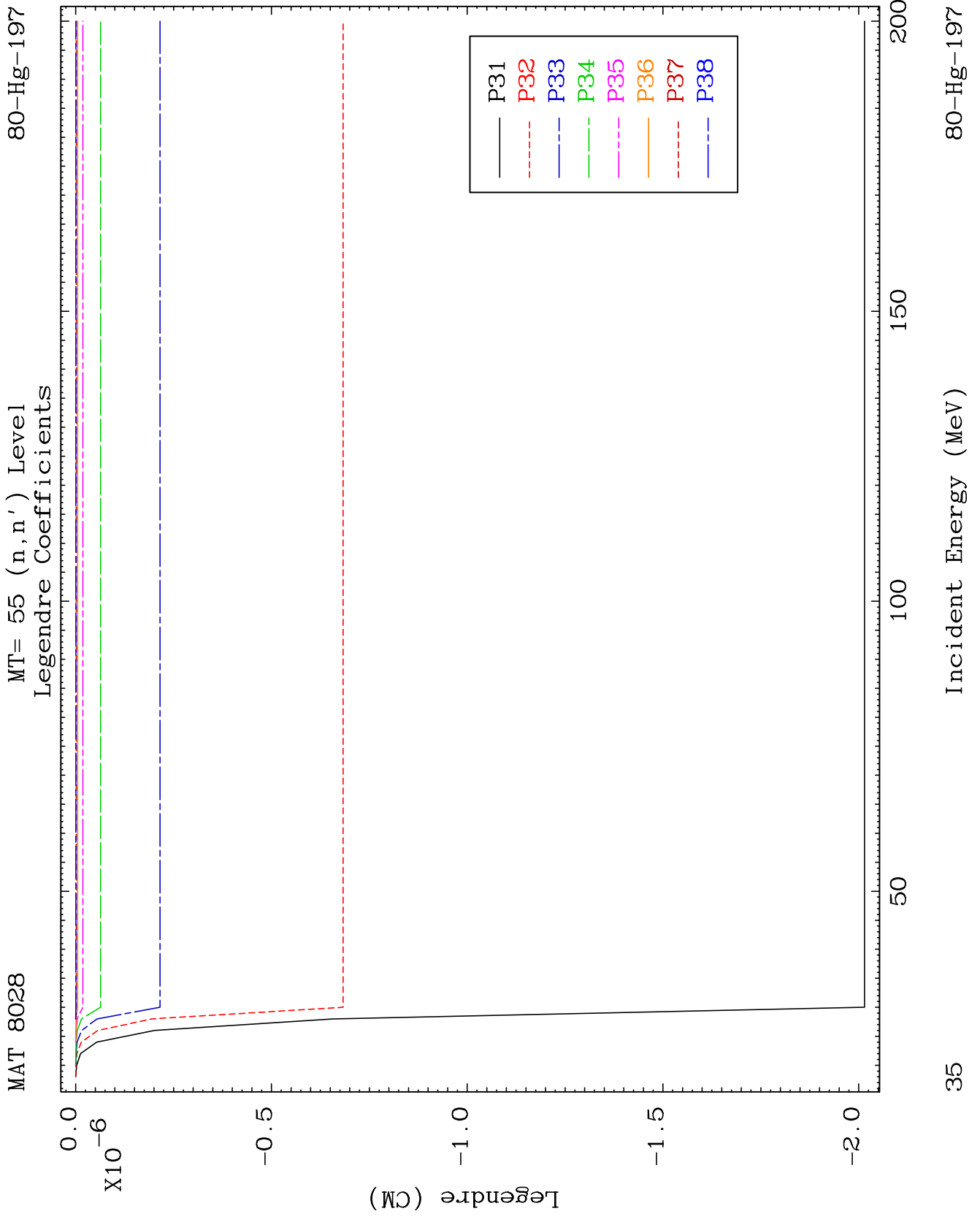


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Incident Energy (MeV)

80-Hg-197

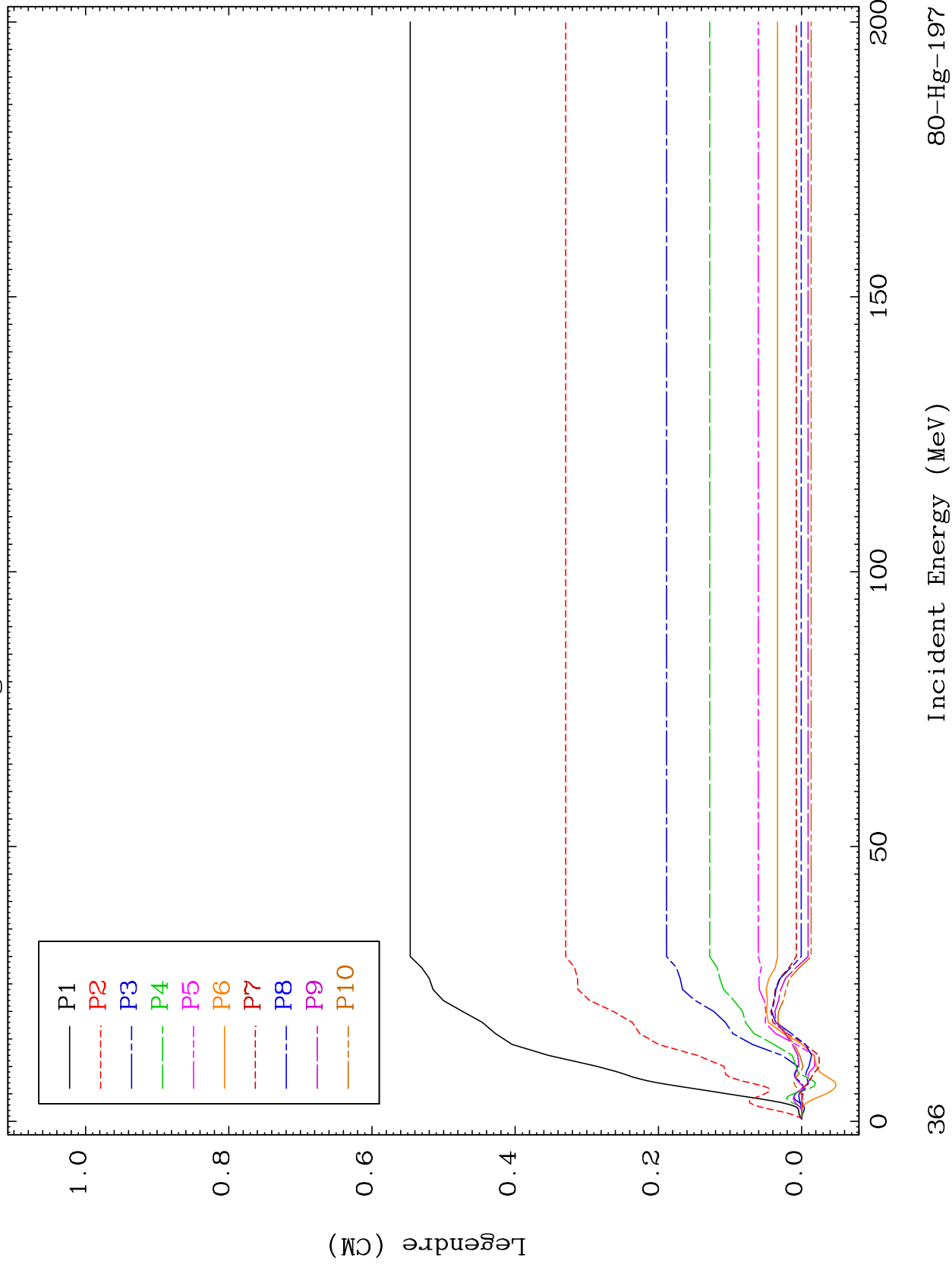




MAT 8028

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

80-Hg-197

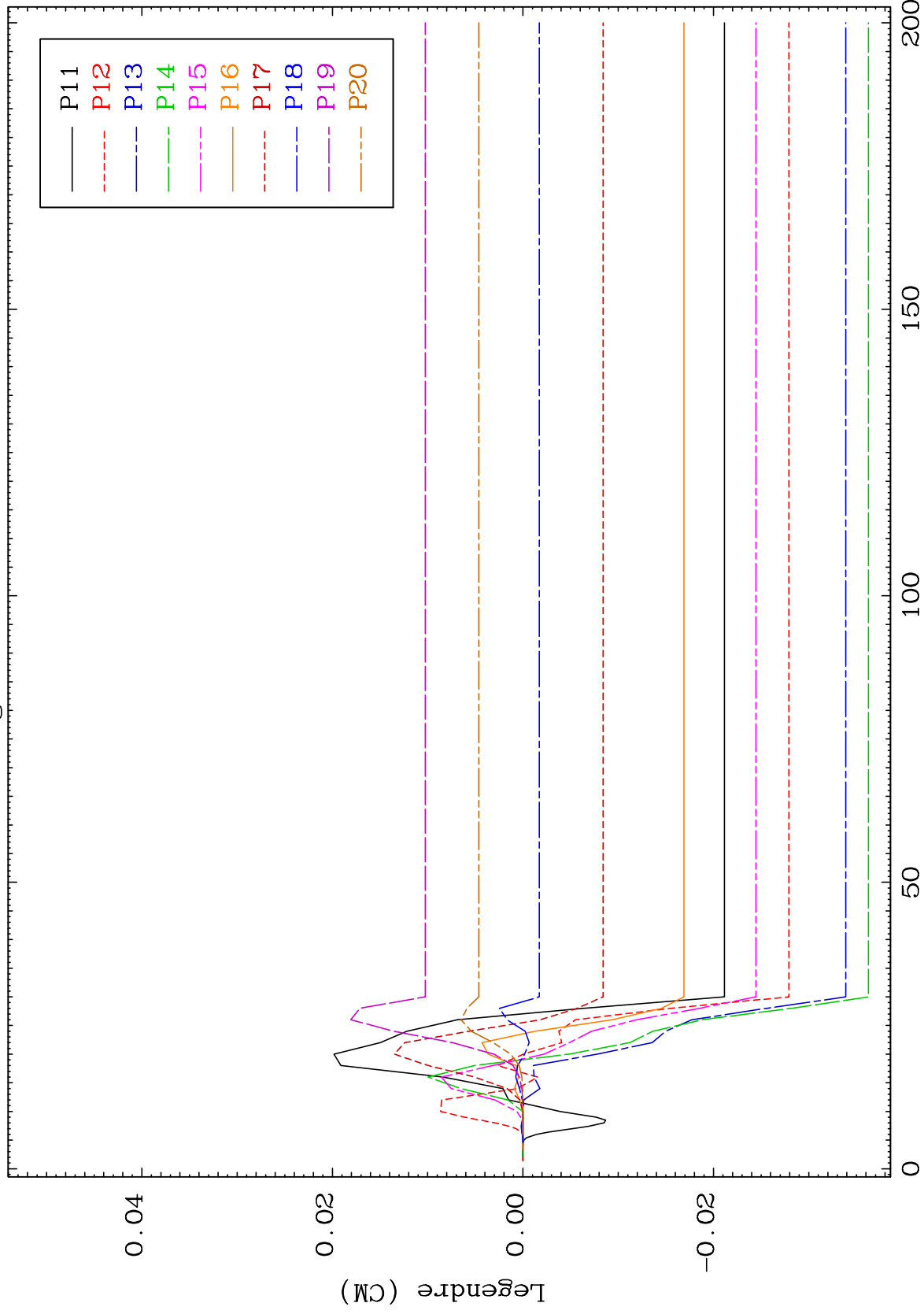


36

MAT 8028

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

80-Hg-197



37

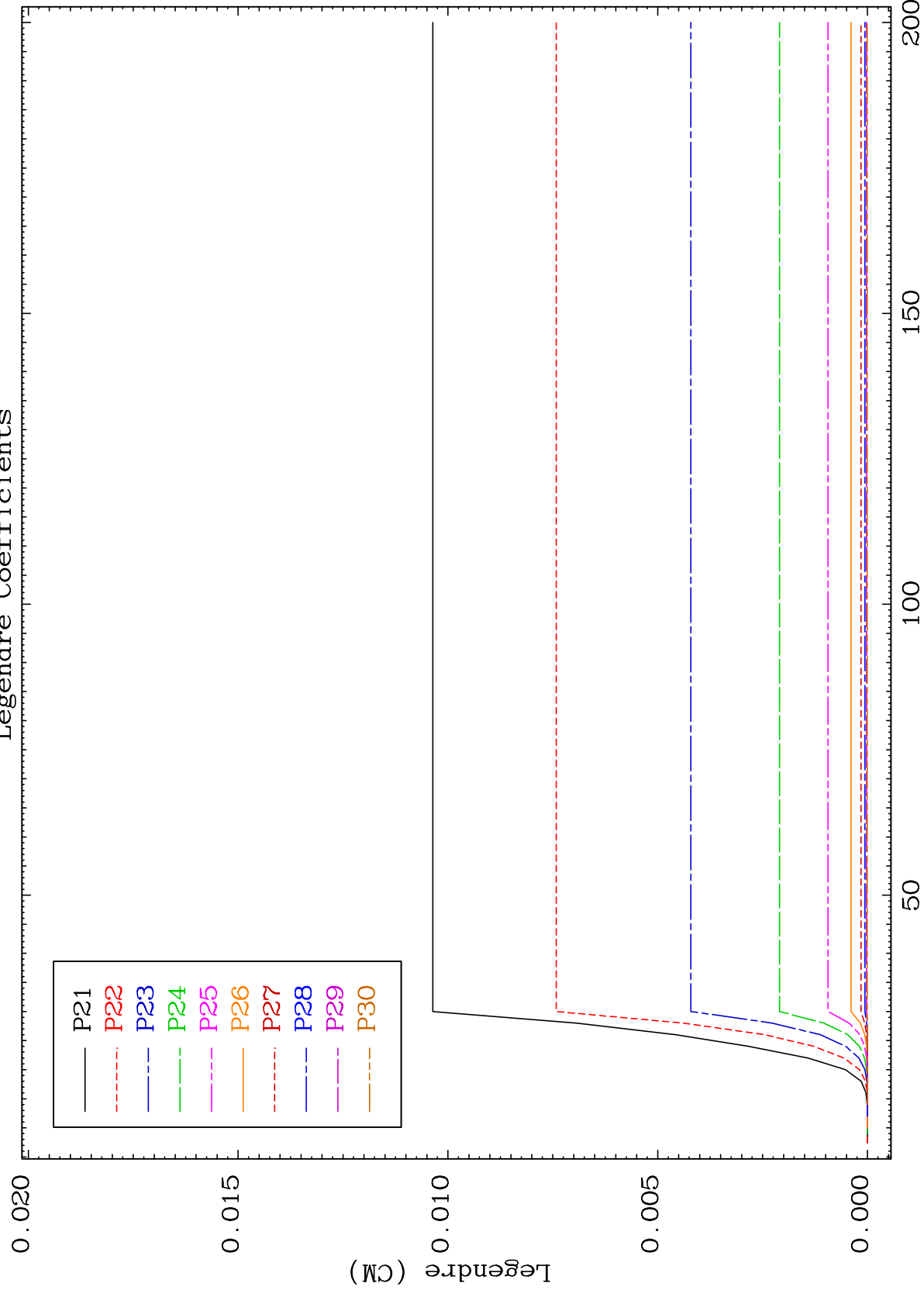
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

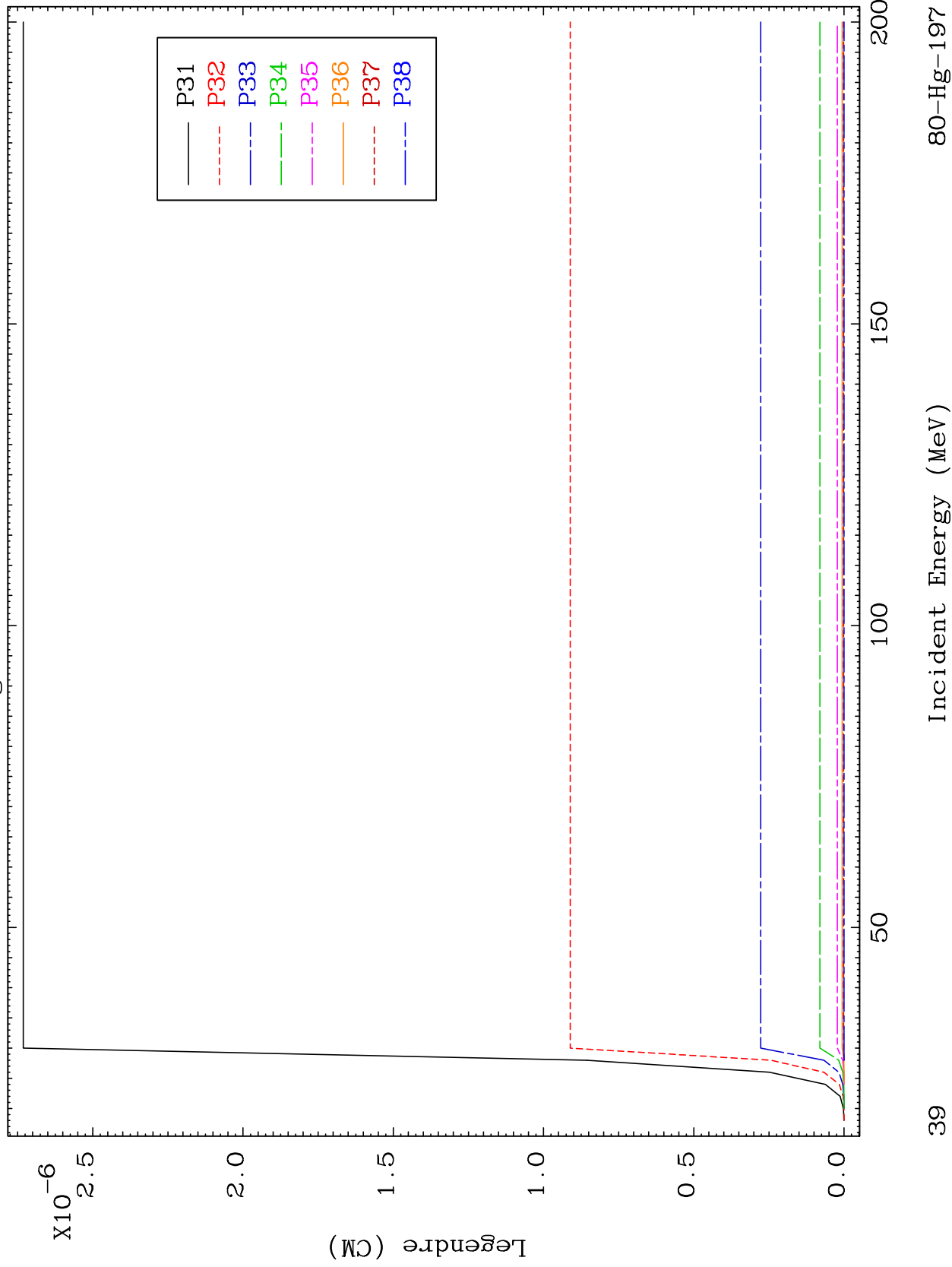
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MAT 8028

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

80-Hg-197

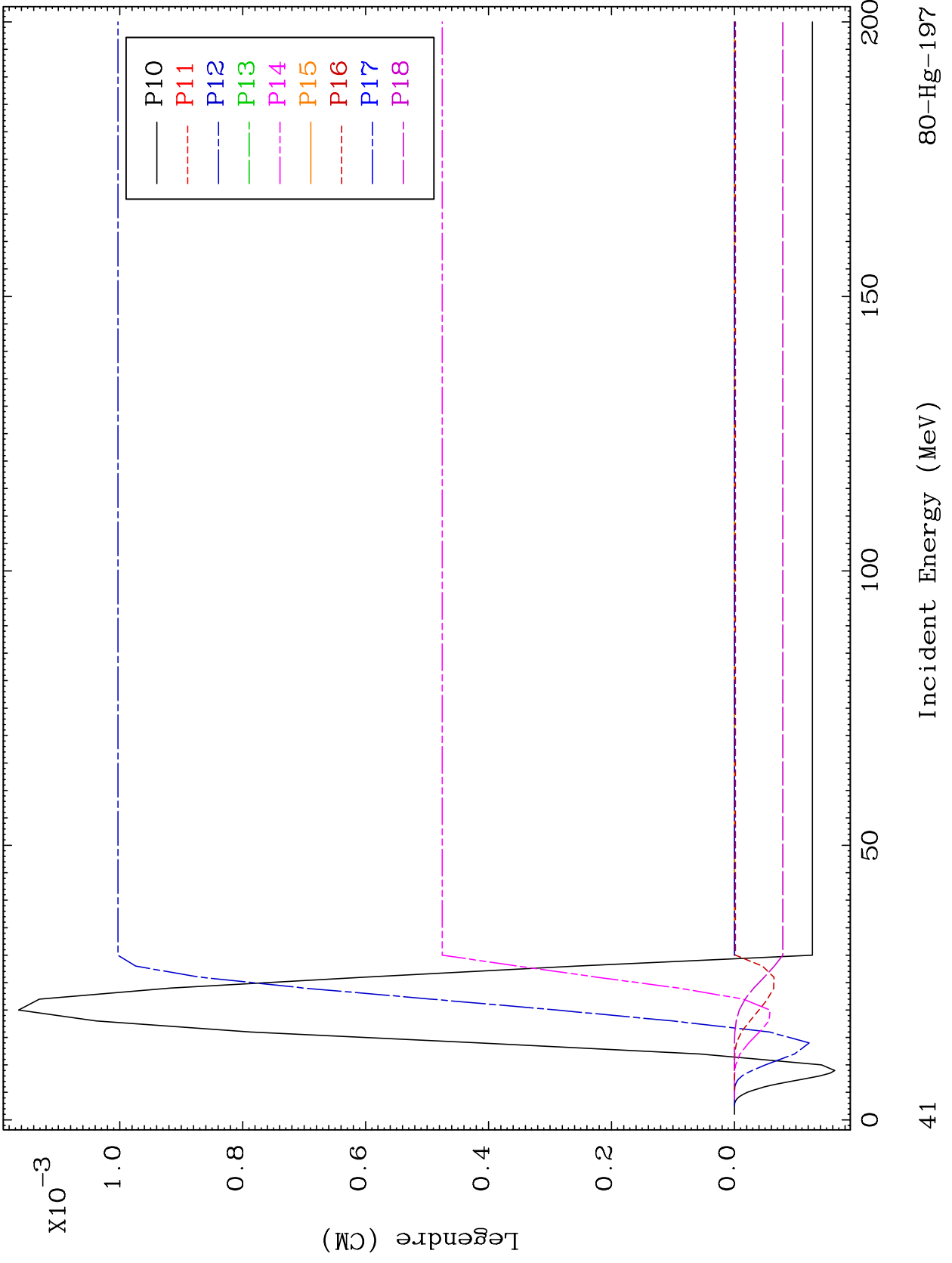




MAT 8028

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

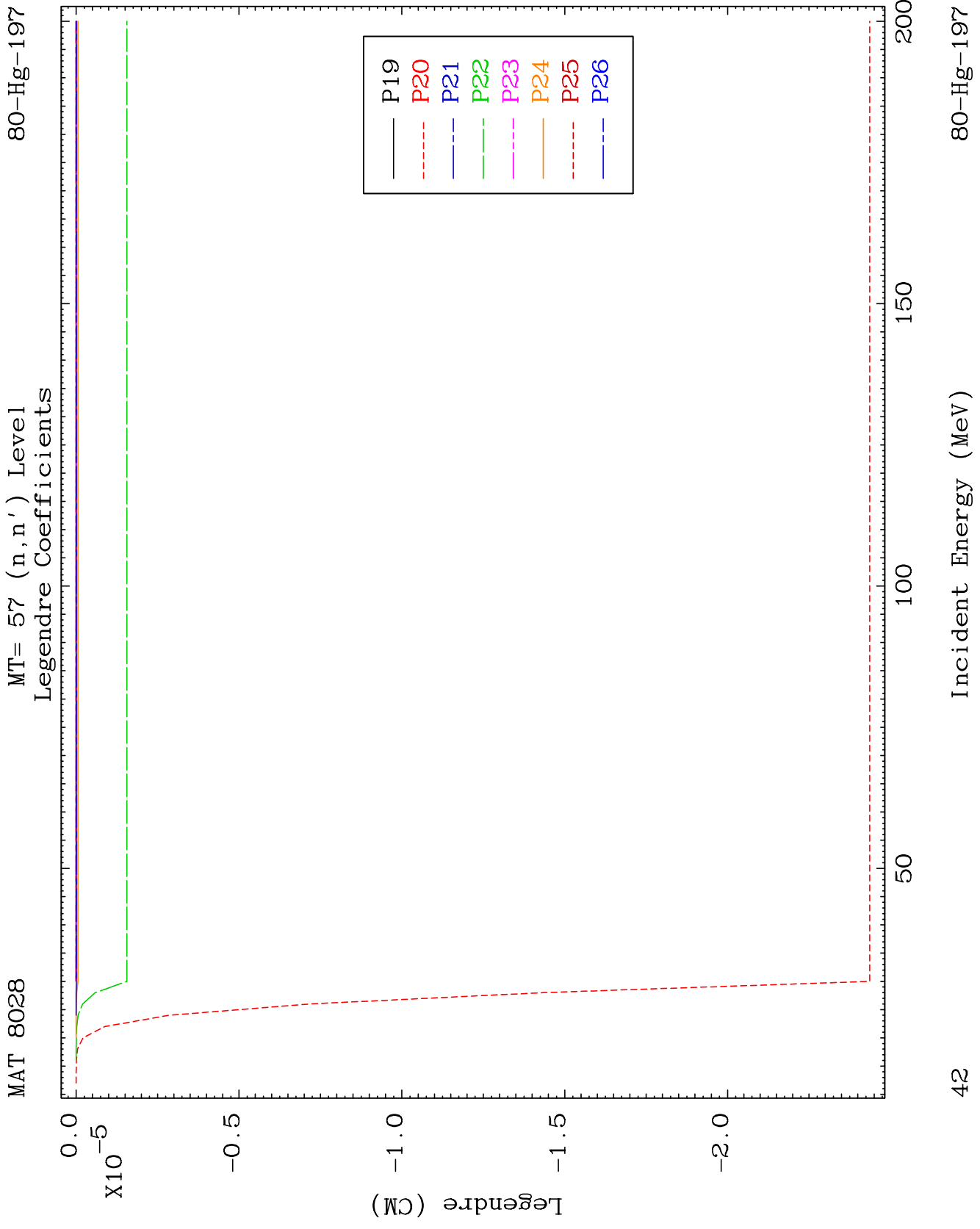
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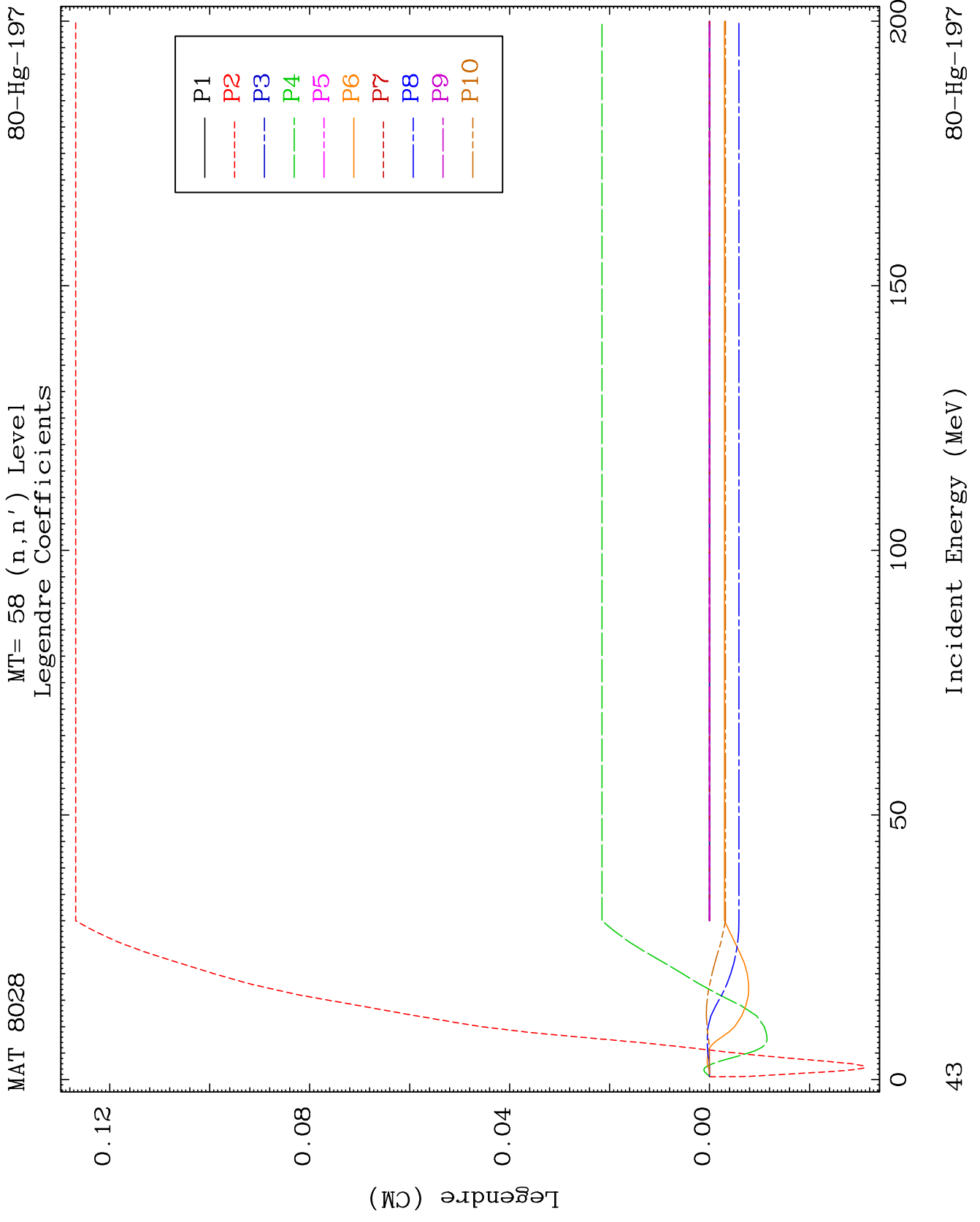


41

Incident Energy (MeV)

80-Hg-197

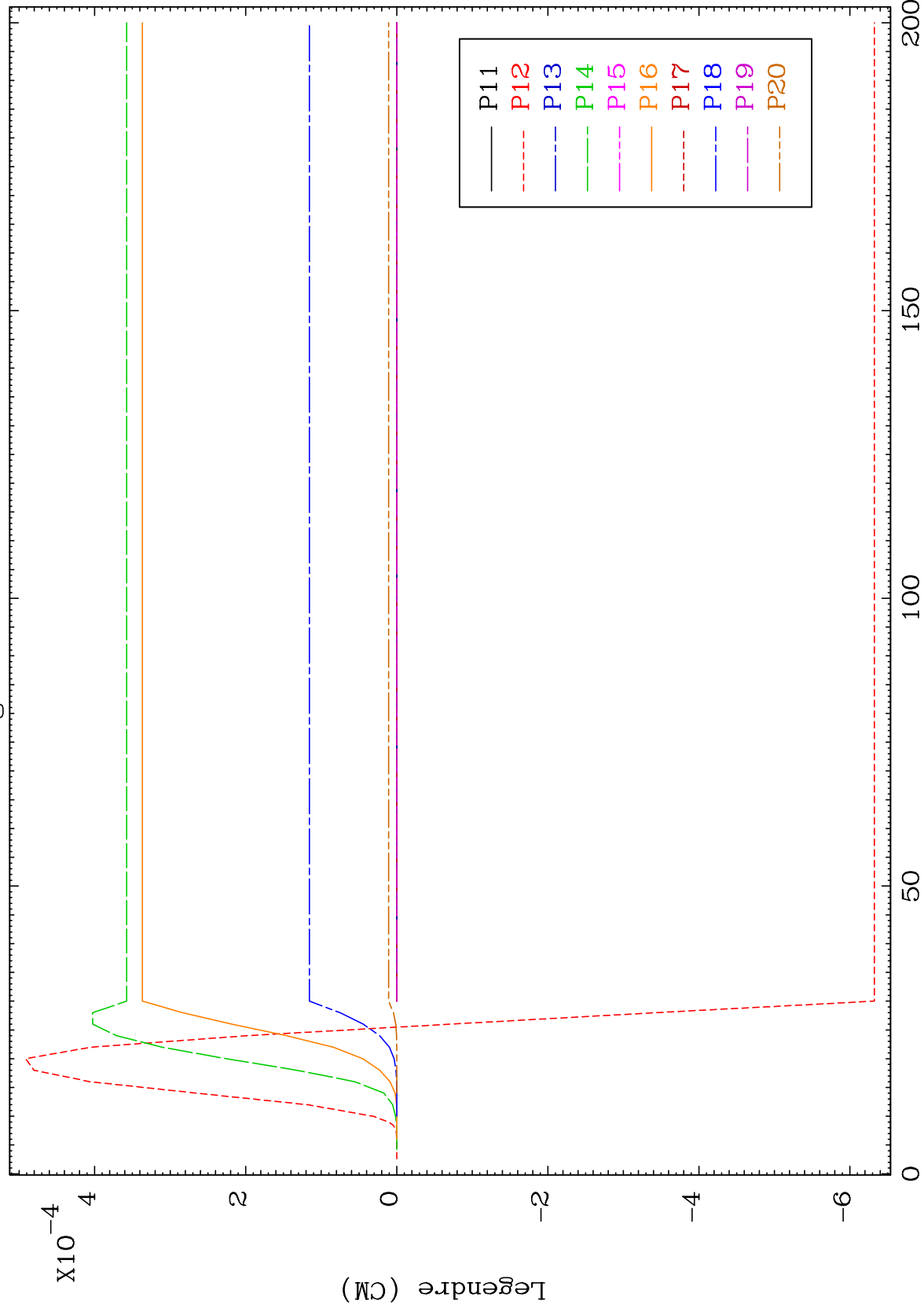




MAT 8028

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

80-Hg-197



44

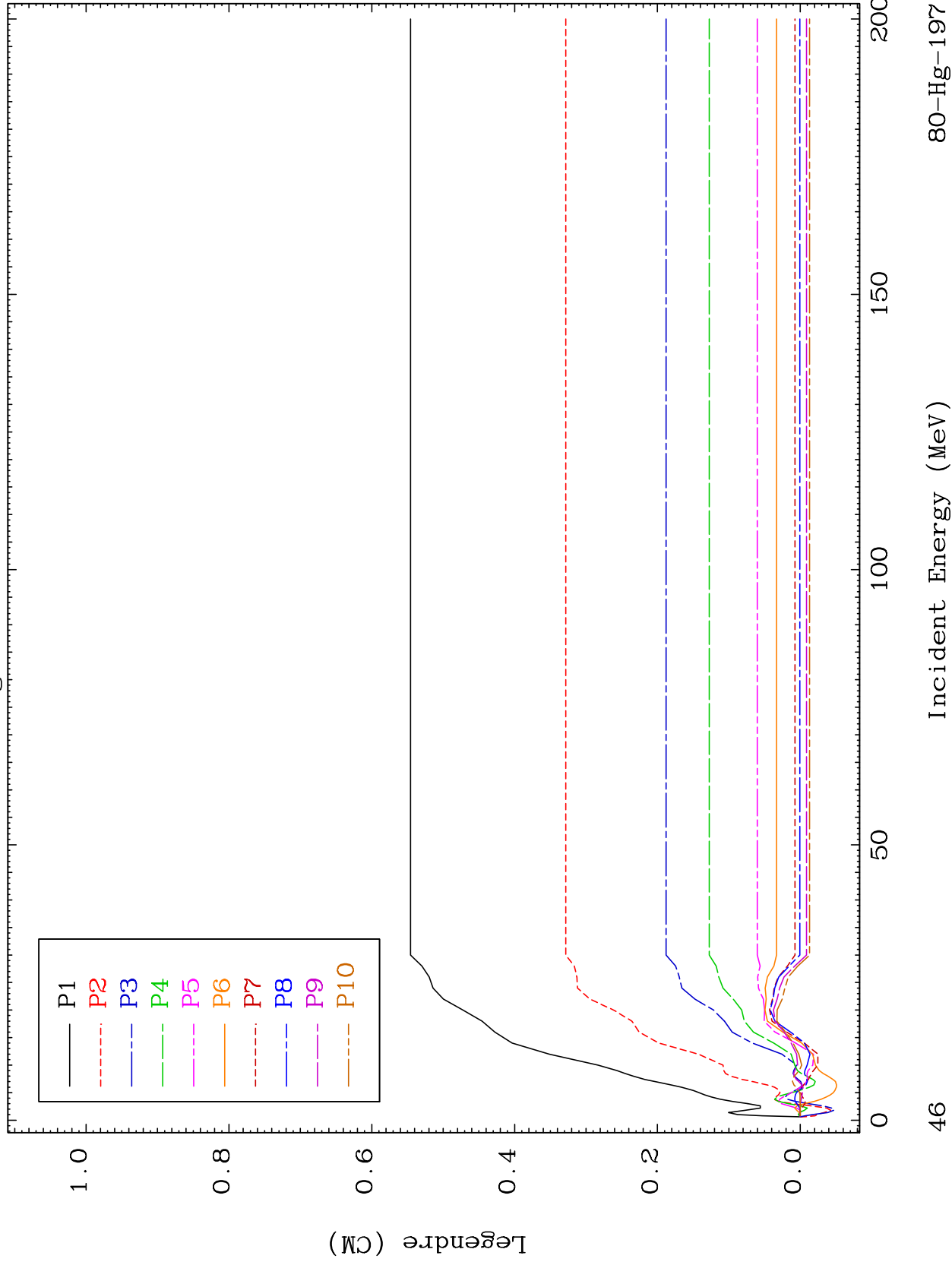
80-Hg-197



MAT 8028

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

80-Hg-197

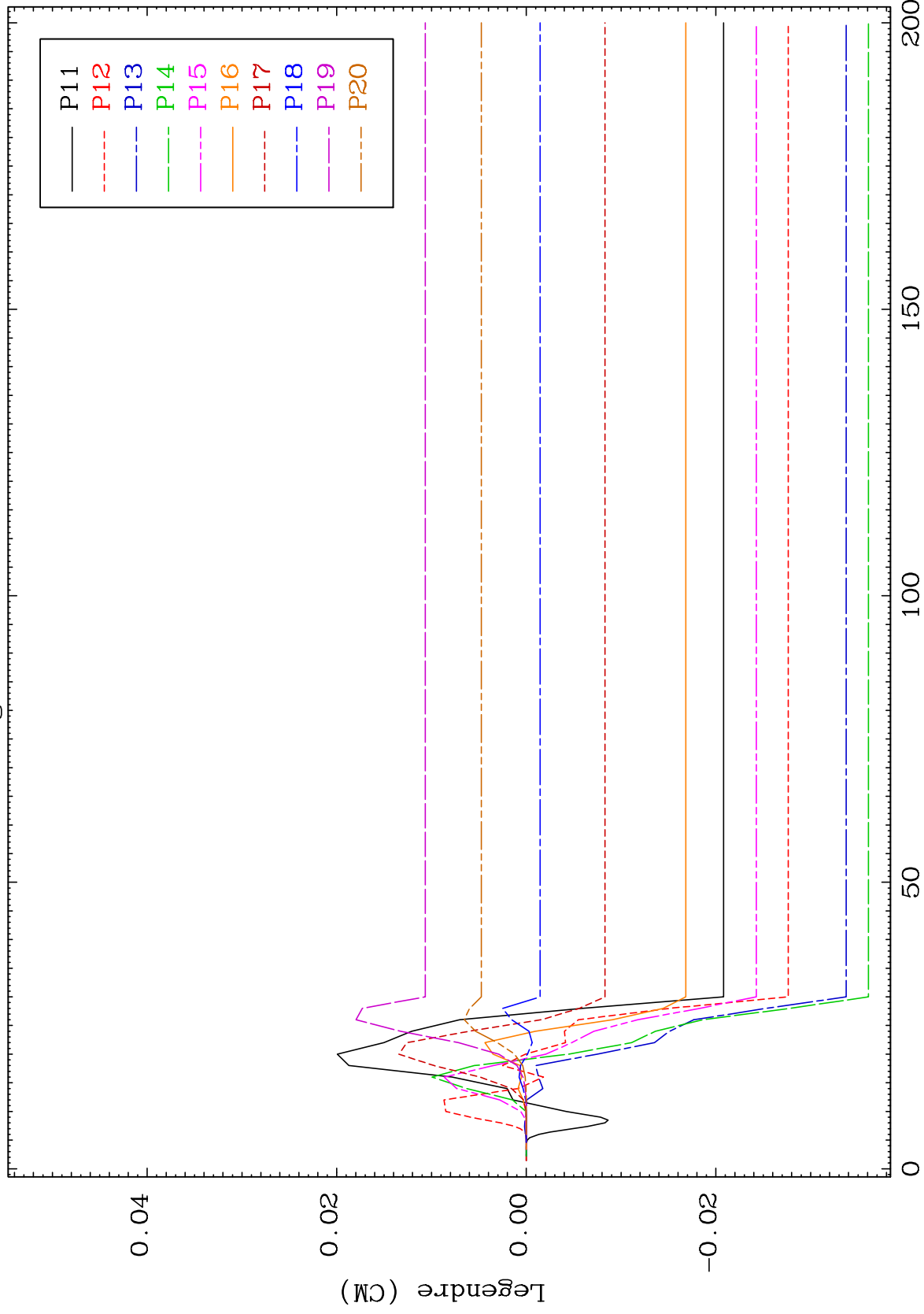


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MAT 8028

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

80-Hg-197



47

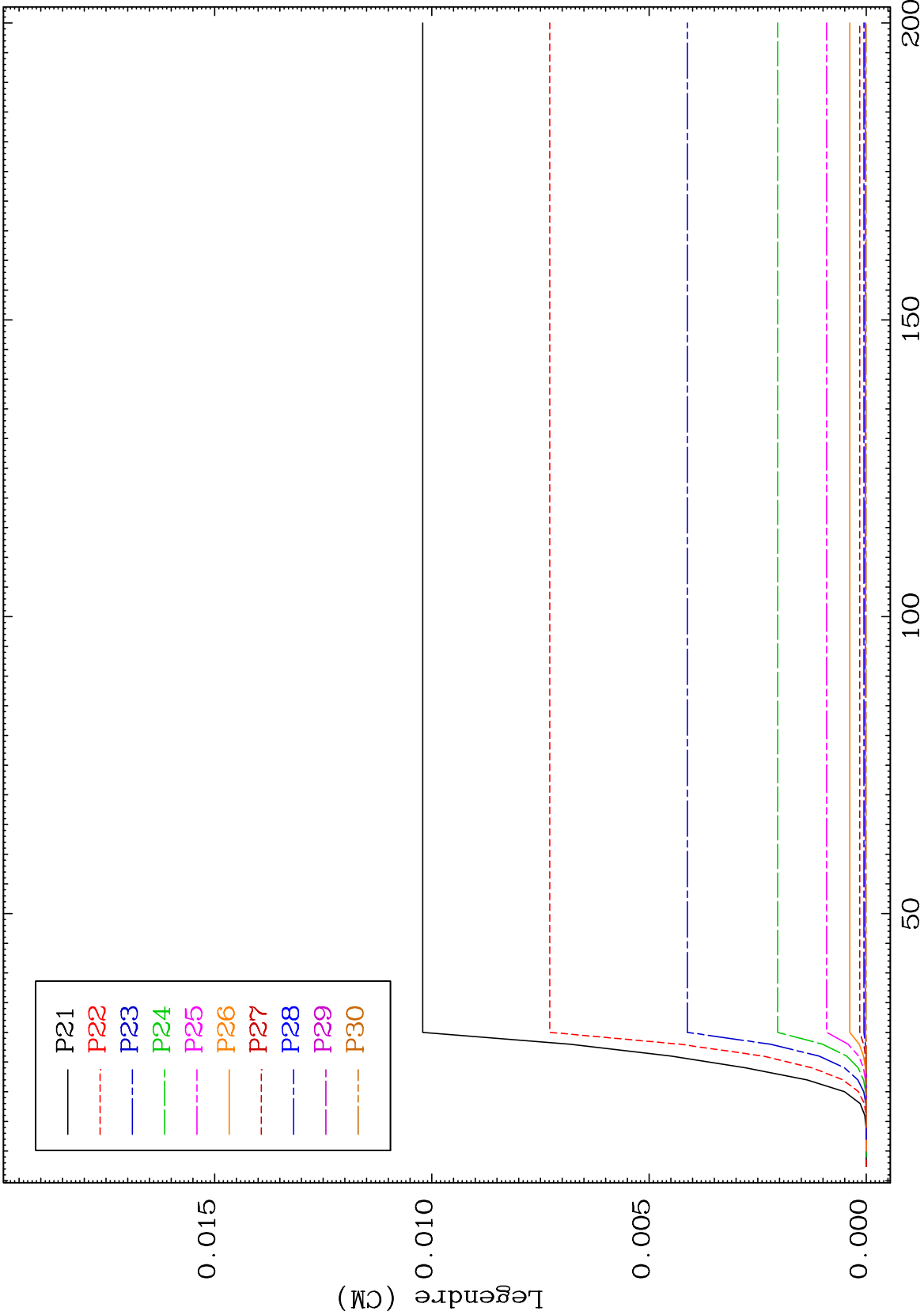
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

80-Hg-197



48

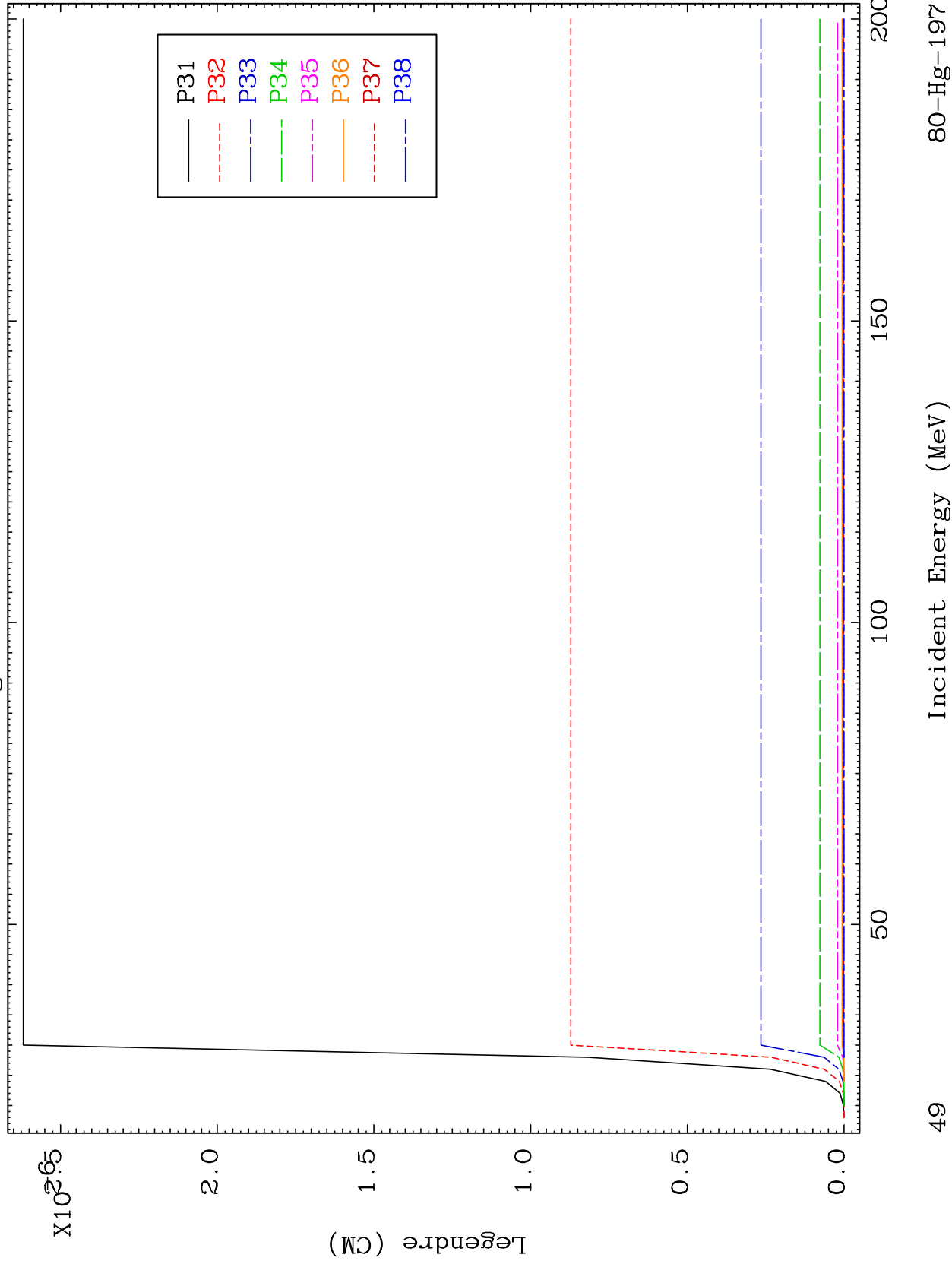
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

80-Hg-197



49

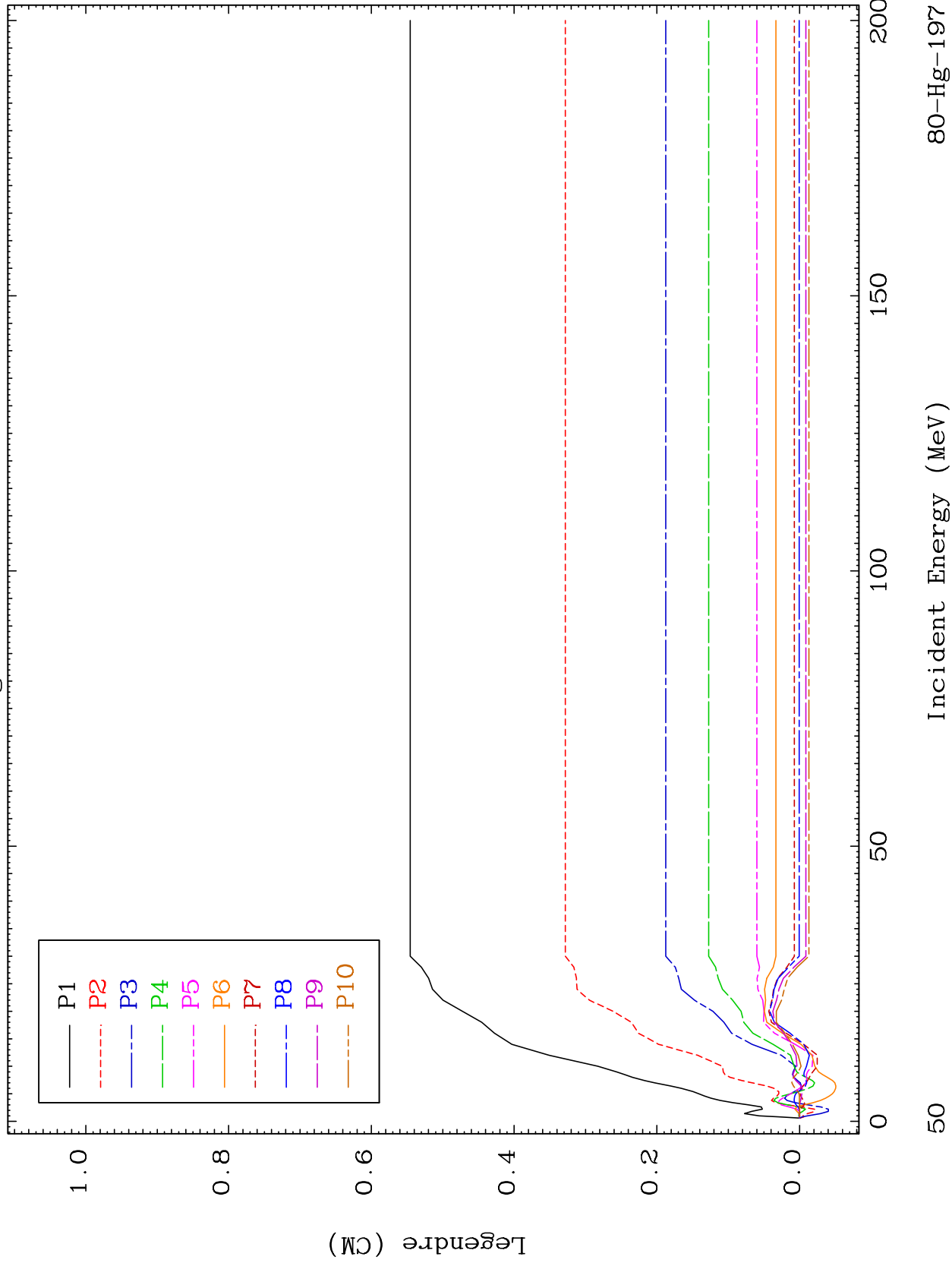
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

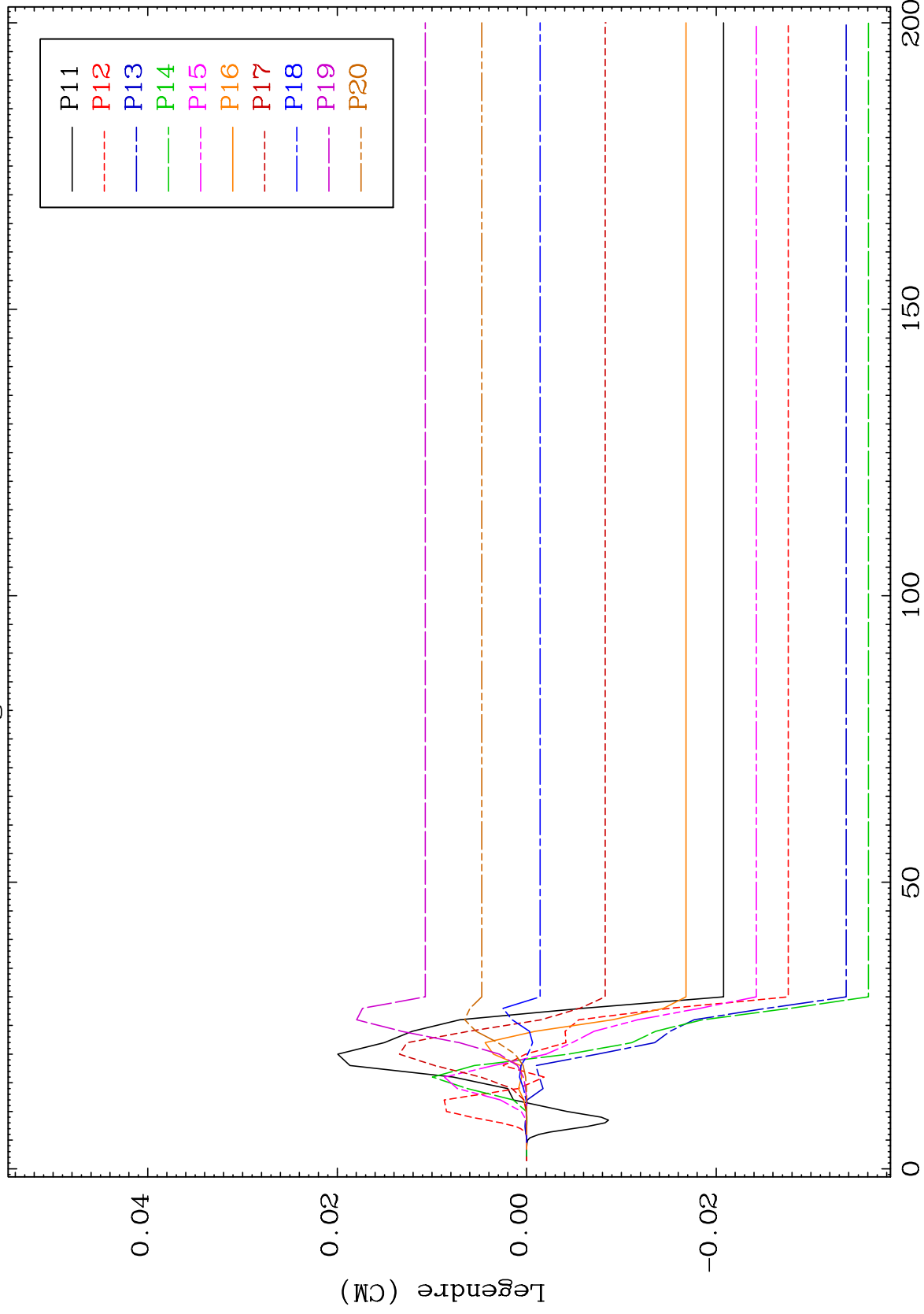
80-Hg-197



MAT 8028

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

80-Hg-197



51

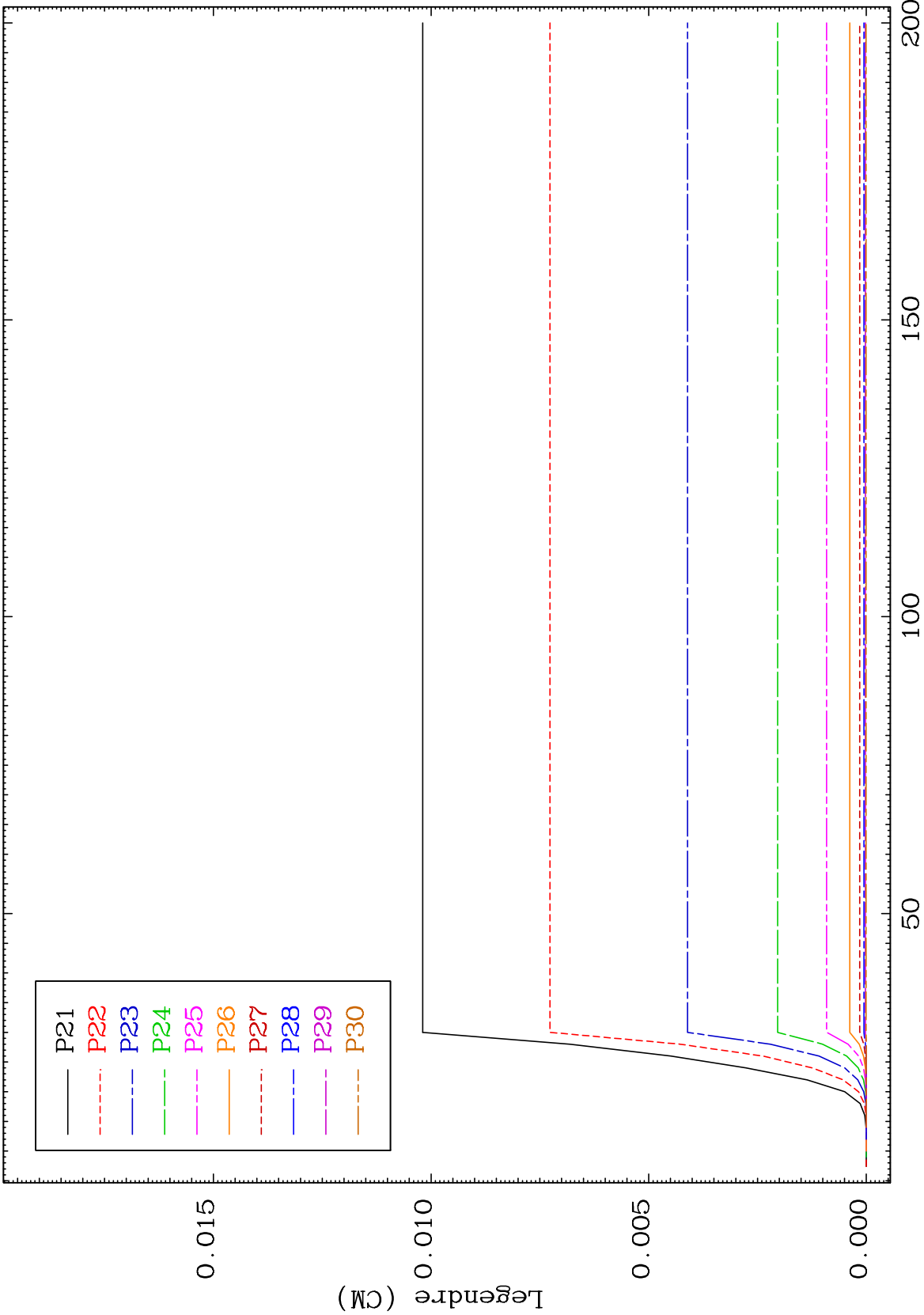
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

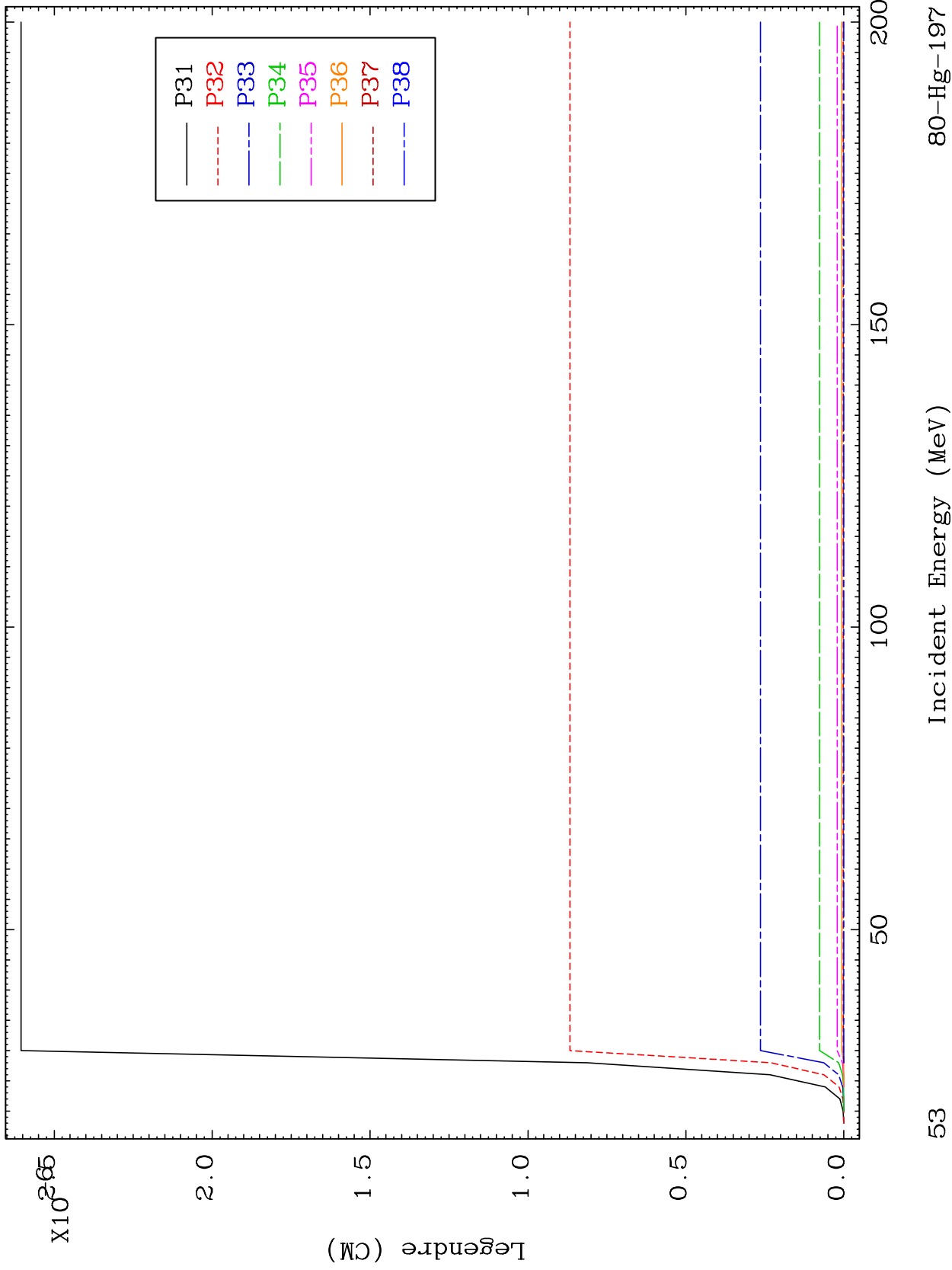
80-Hg-197



52

Incident Energy (MeV)

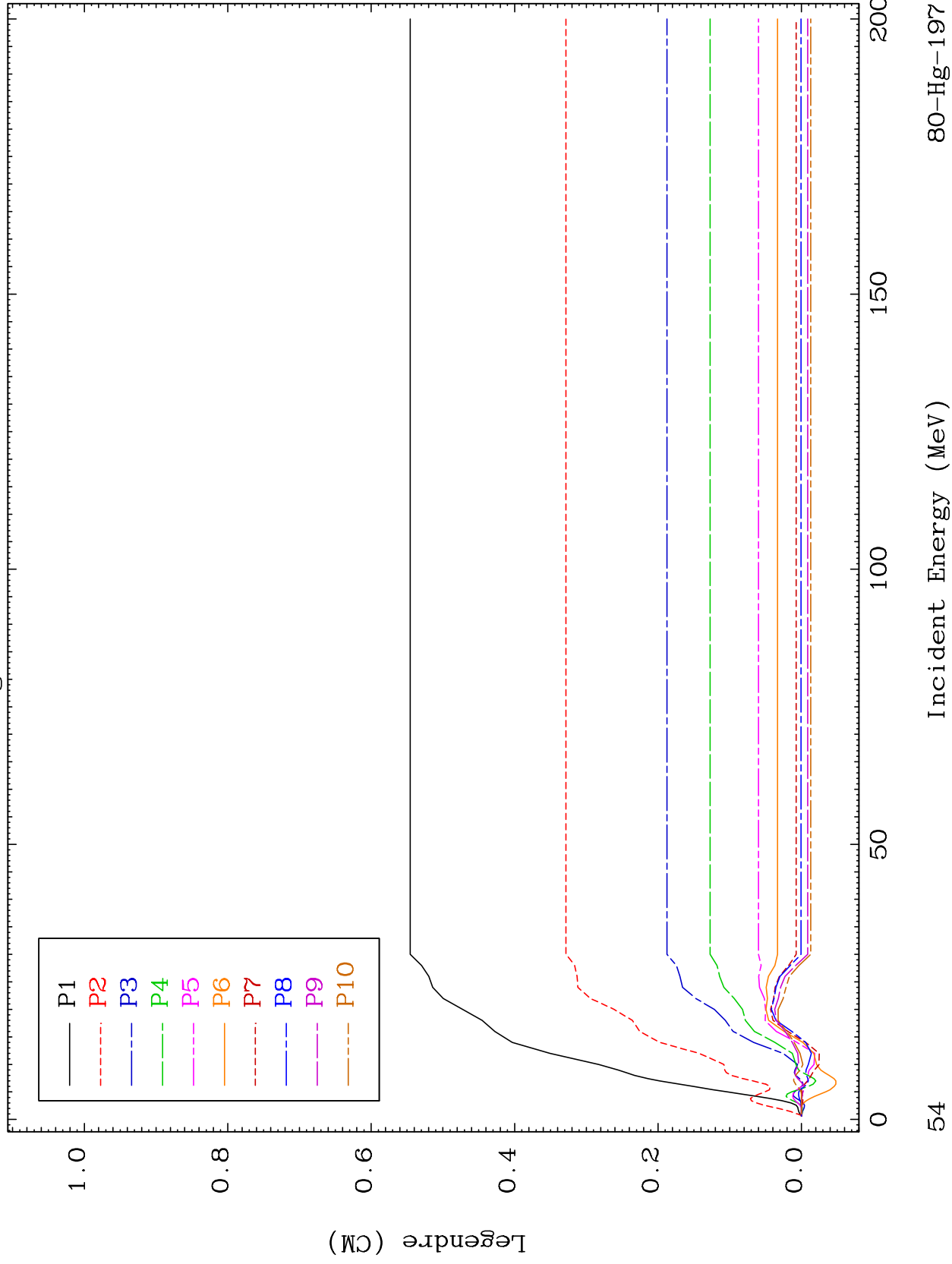
80-Hg-197



MAT 8028

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

80-Hg-197

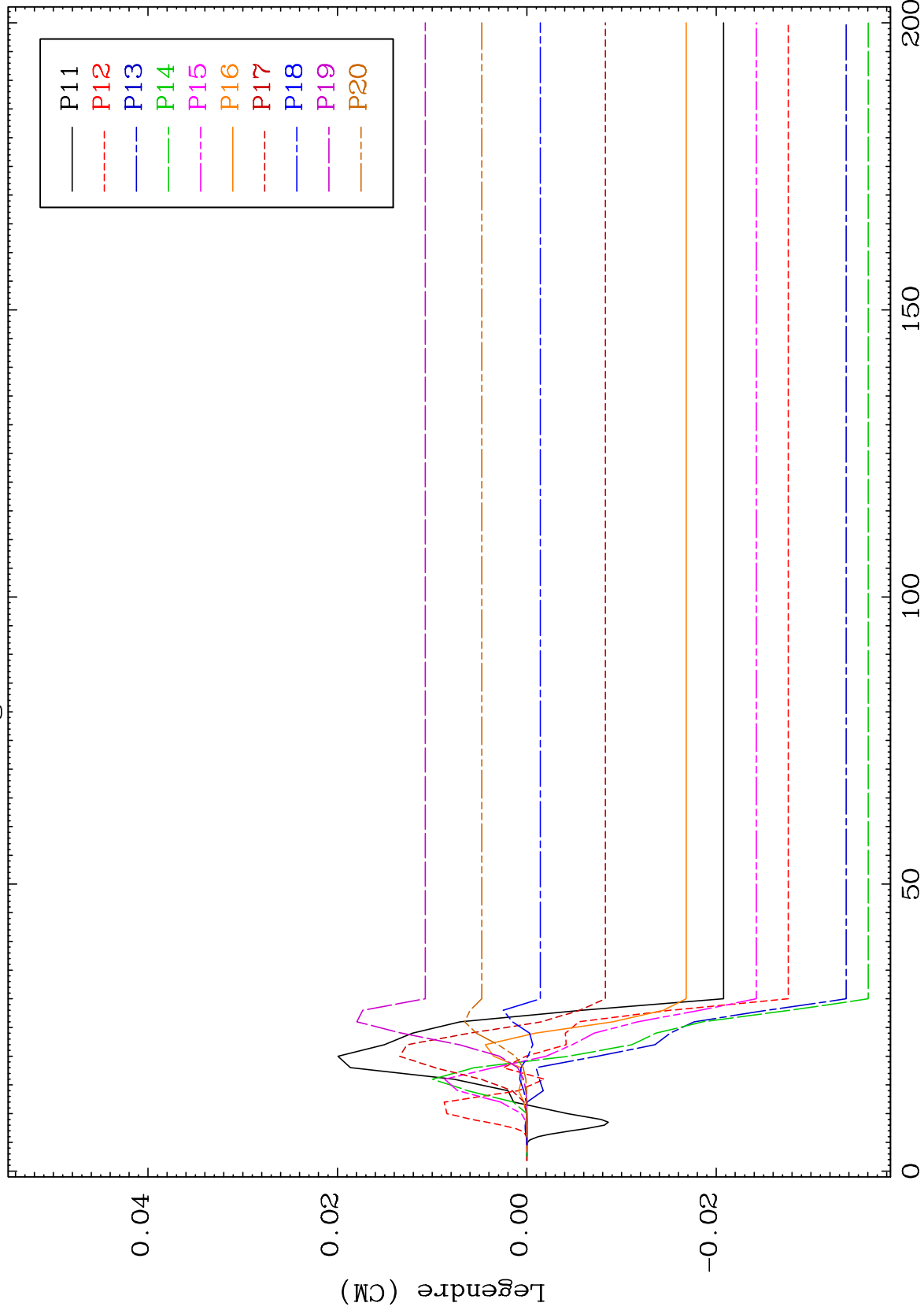


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MAT 8028

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

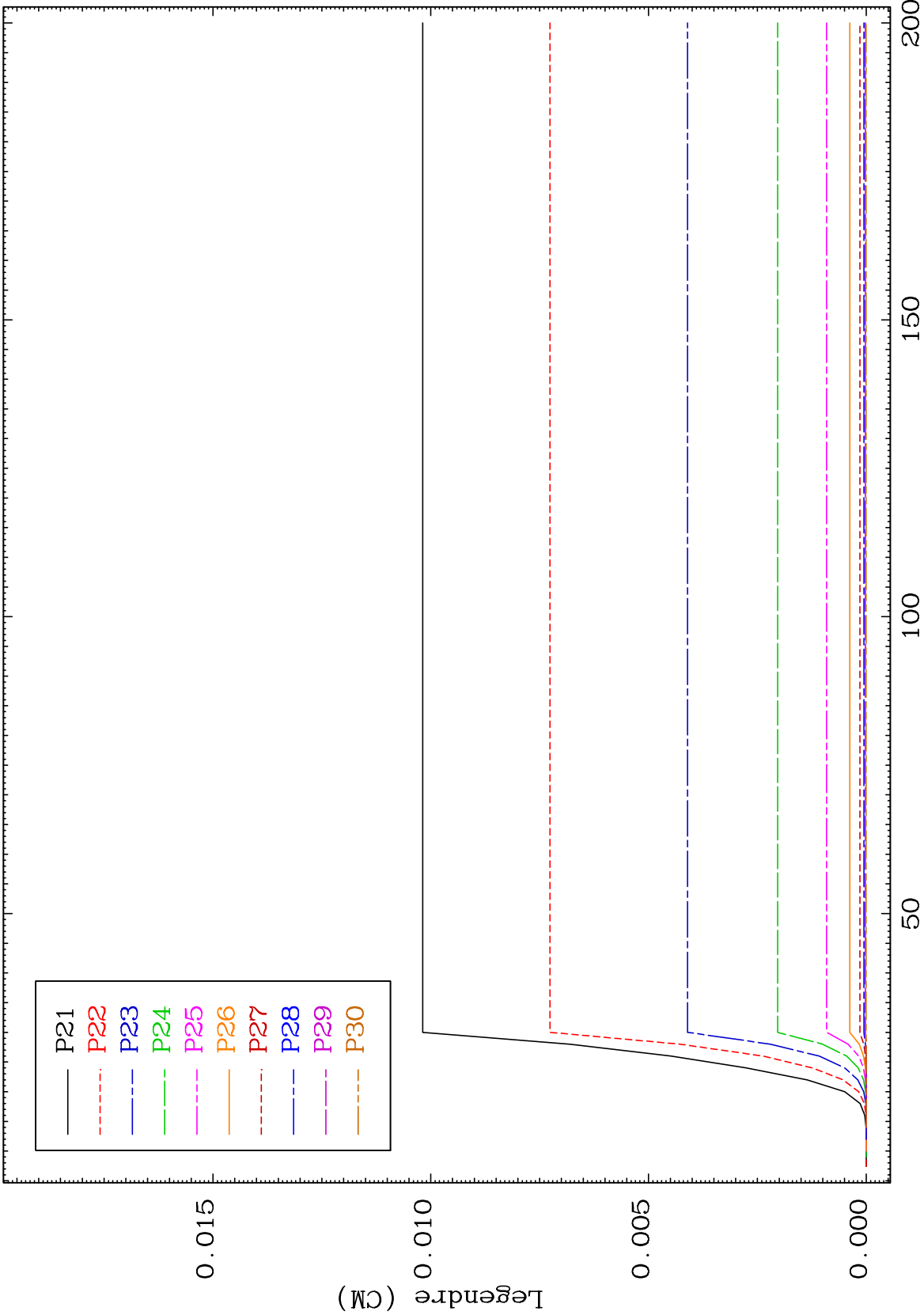
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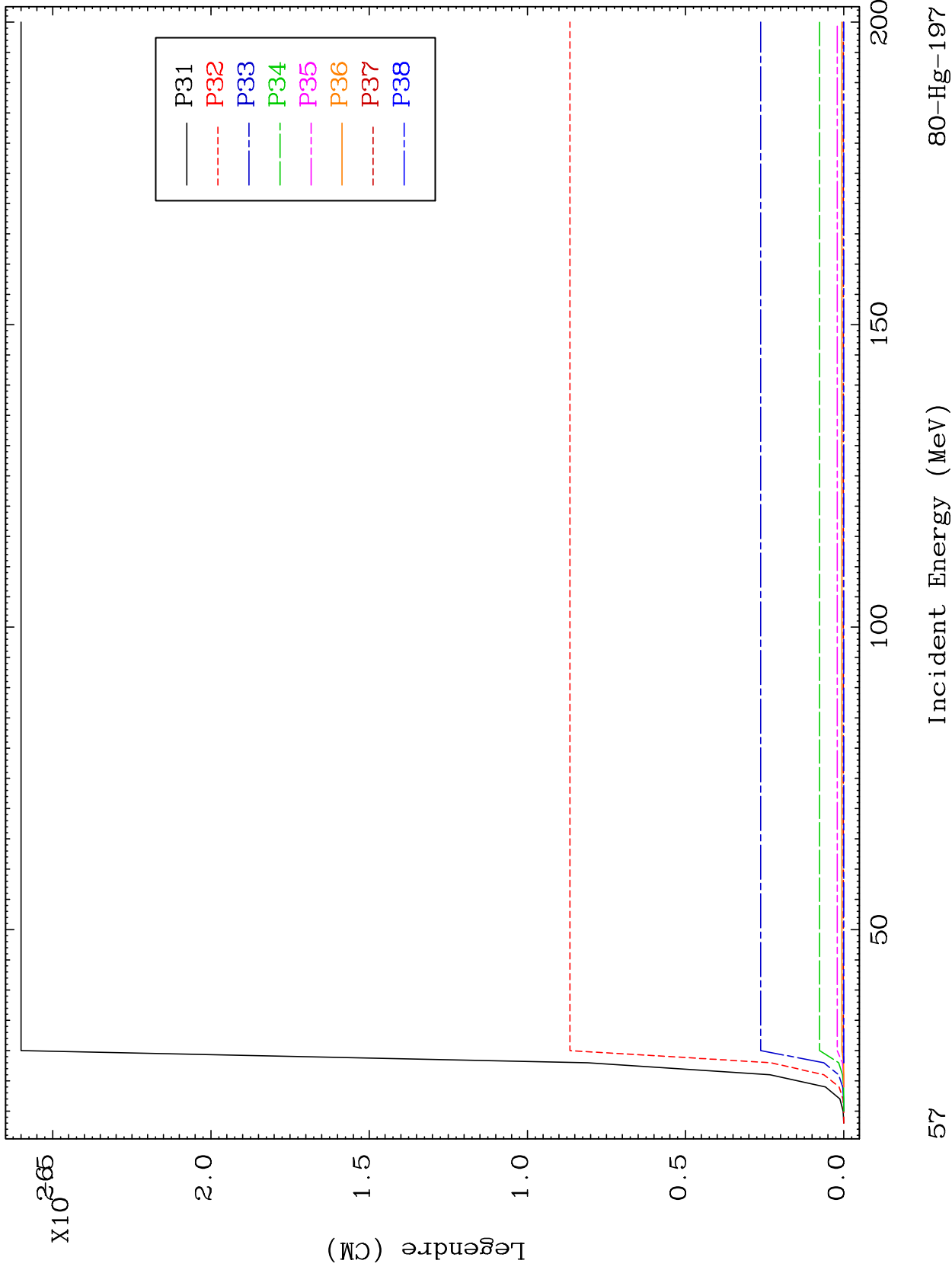


55

Incident Energy (MeV)

80-Hg-197

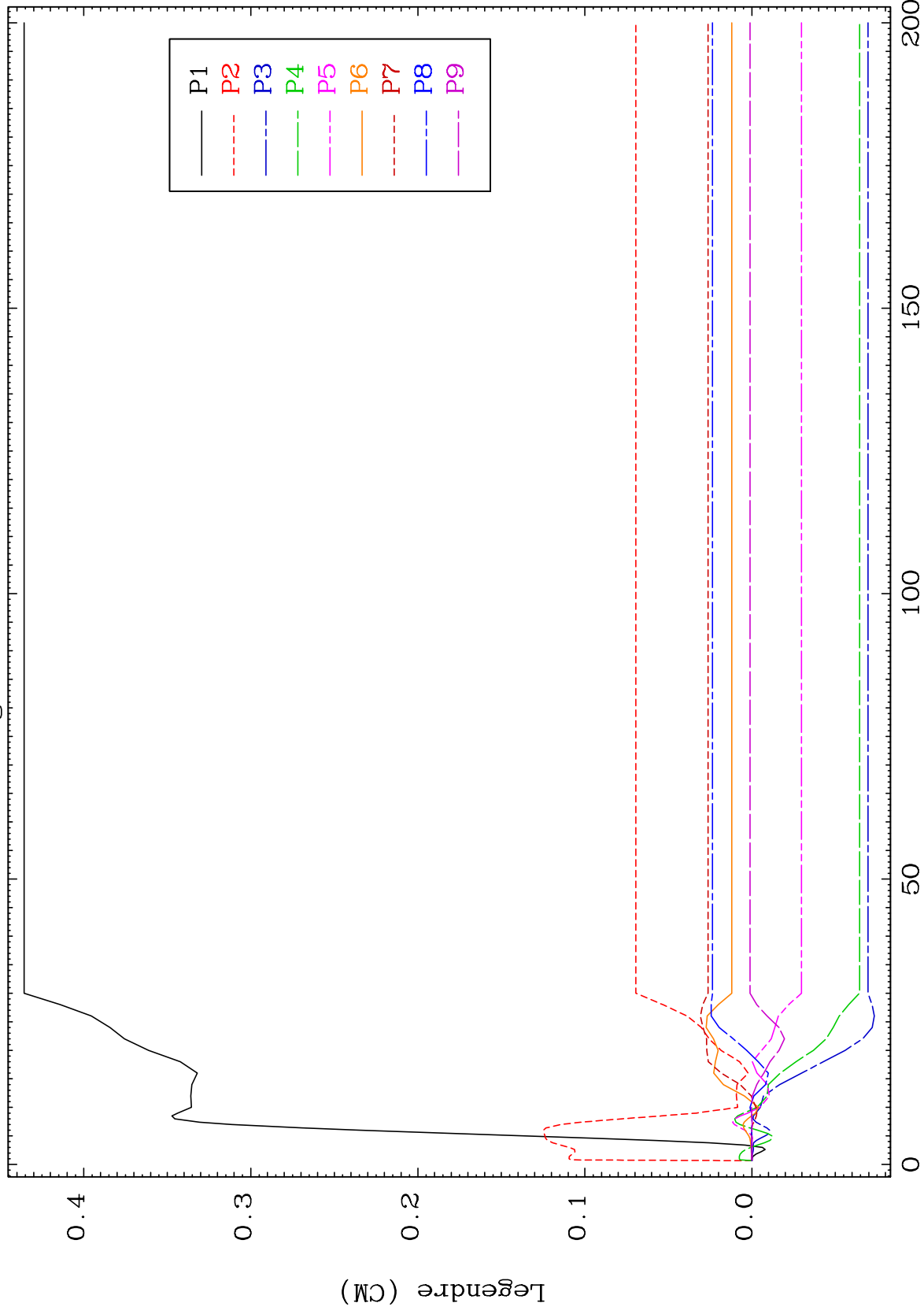




MAT 8028

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

80-Hg-197



58

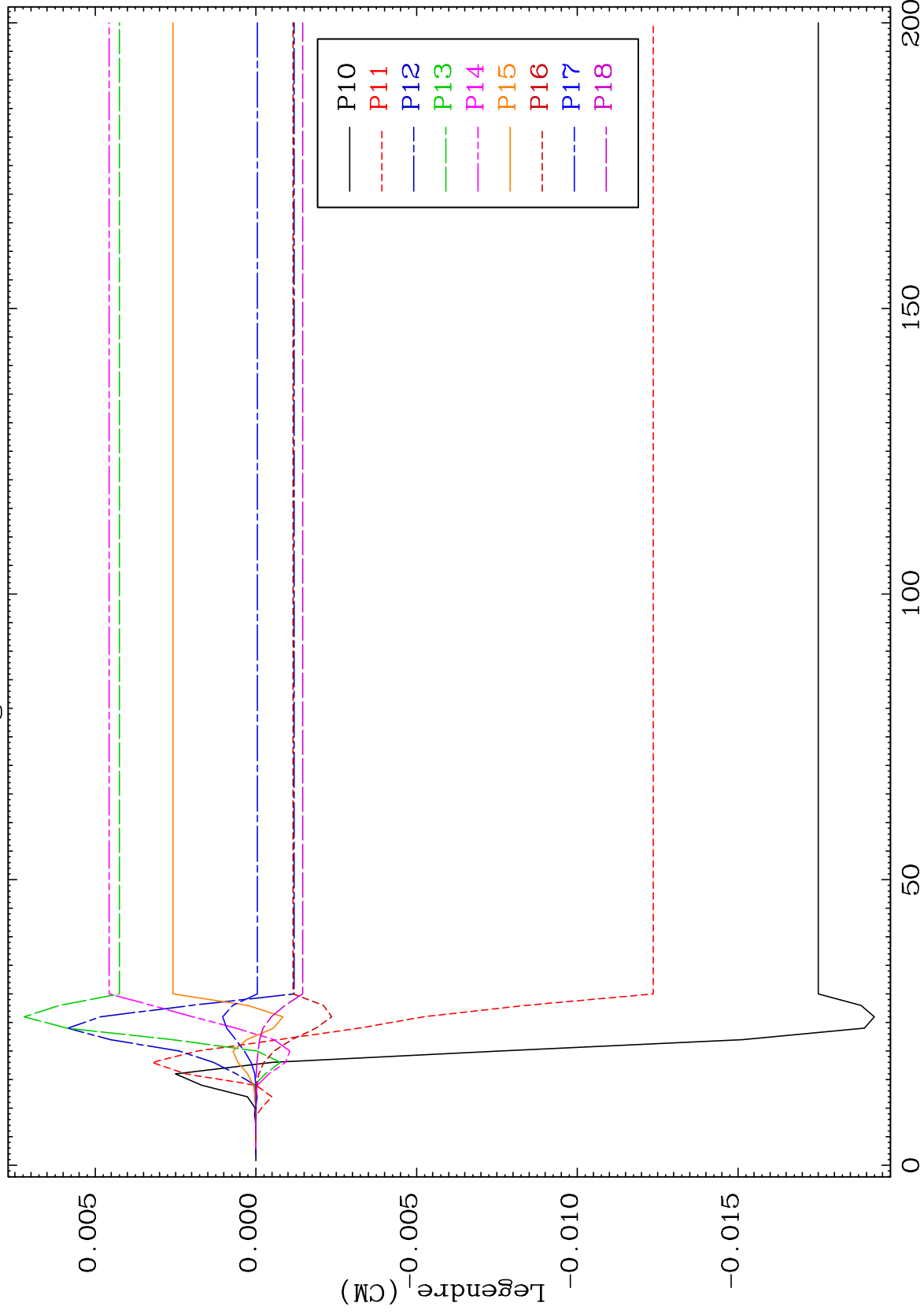
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

80-Hg-197



59

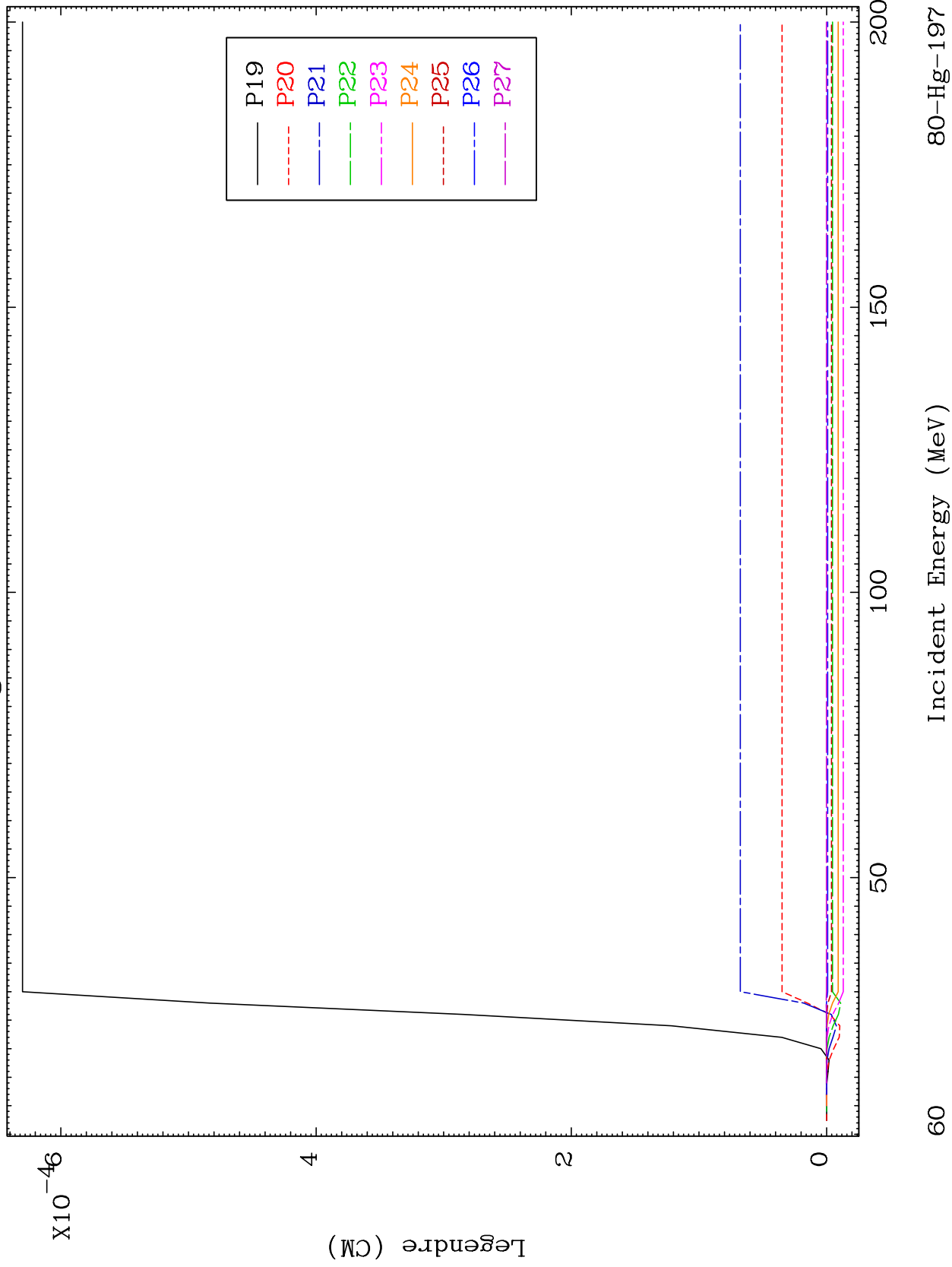
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

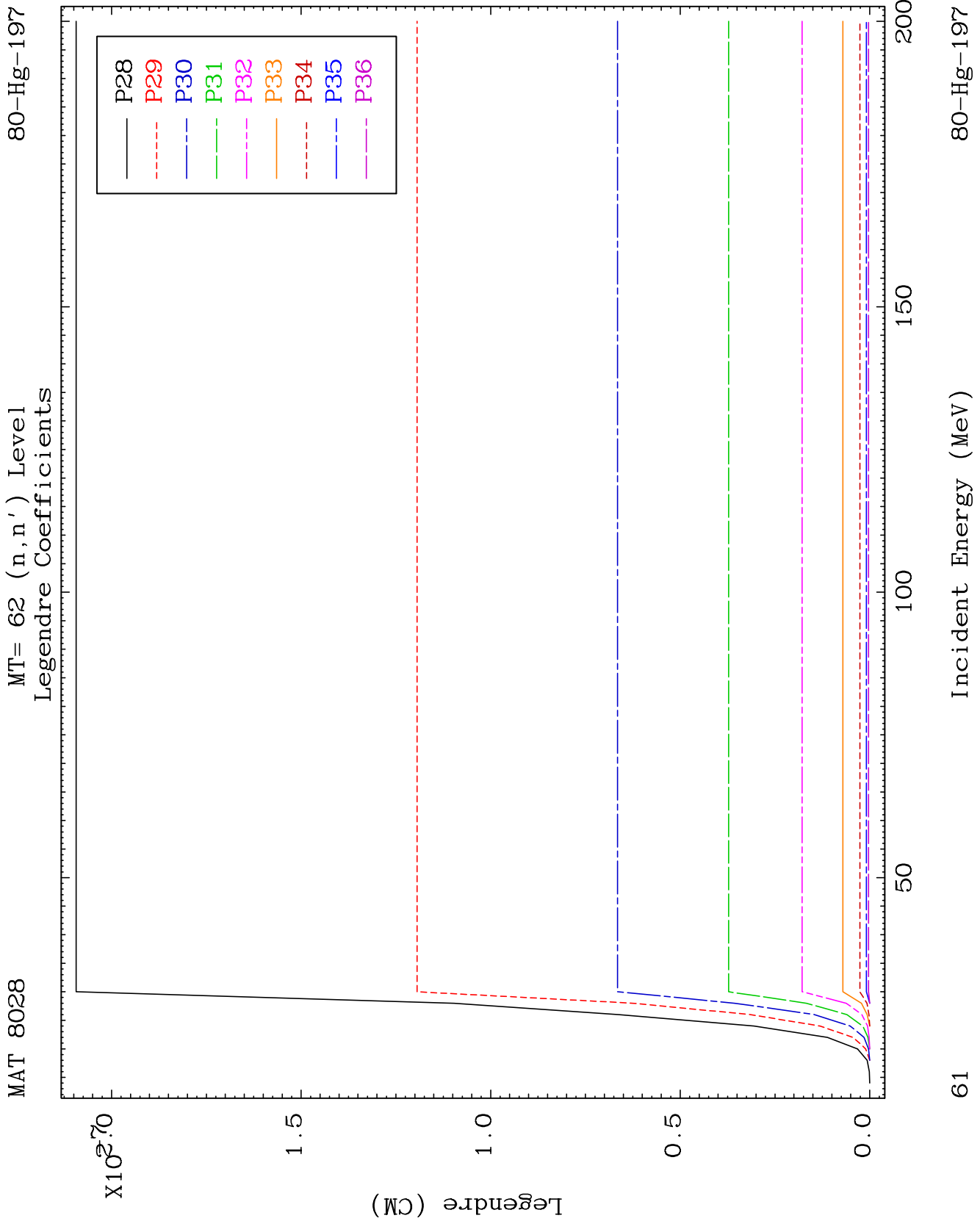
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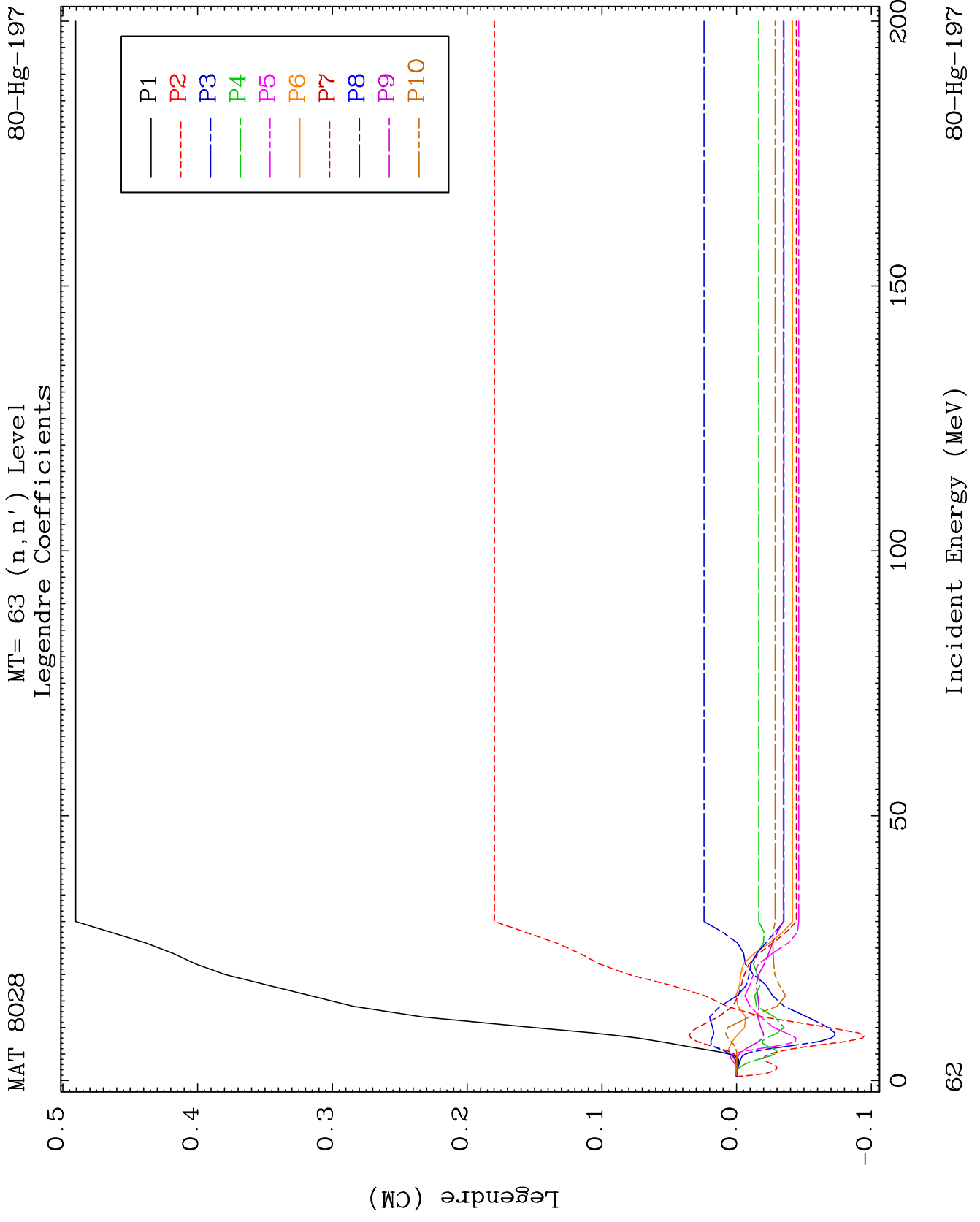


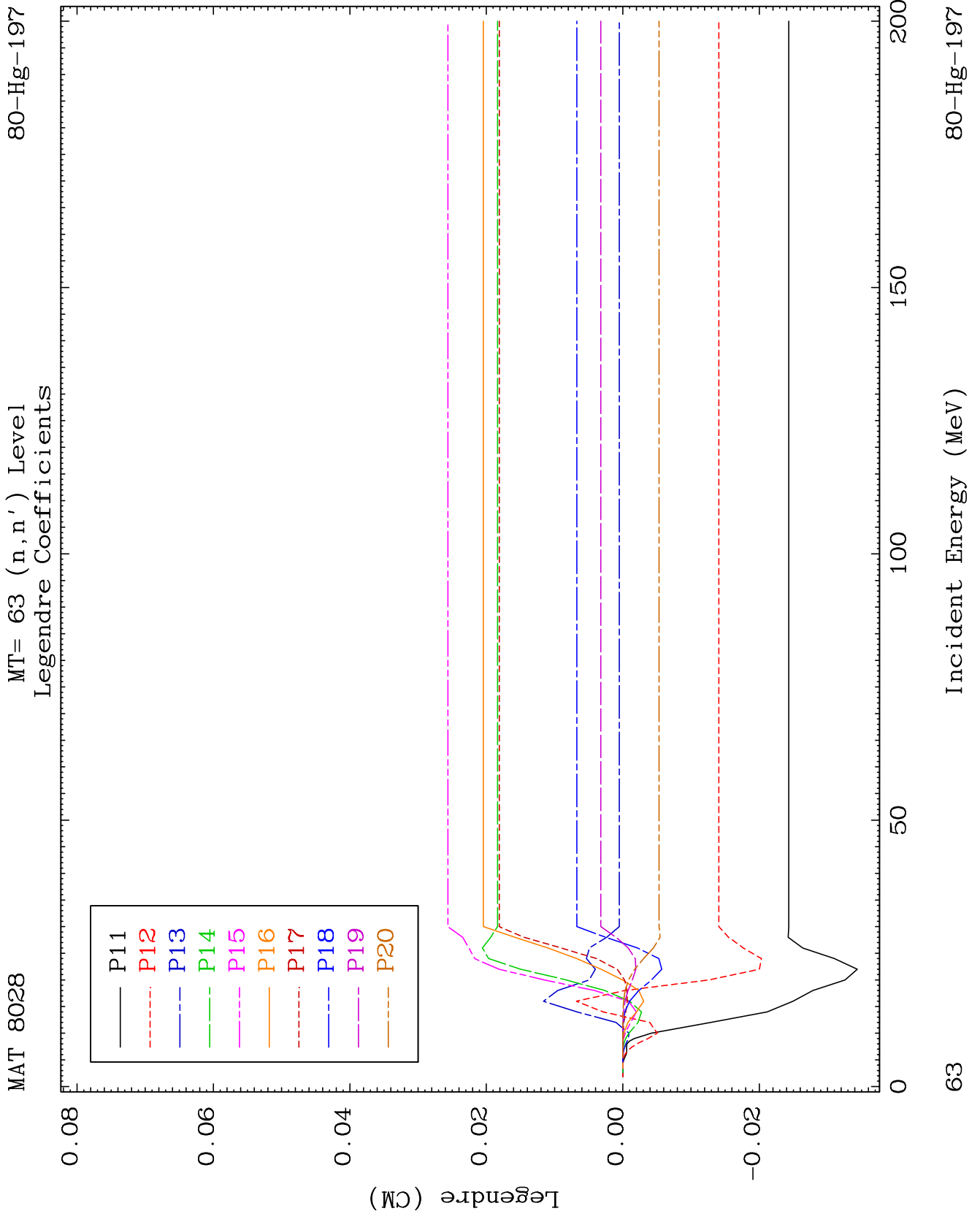
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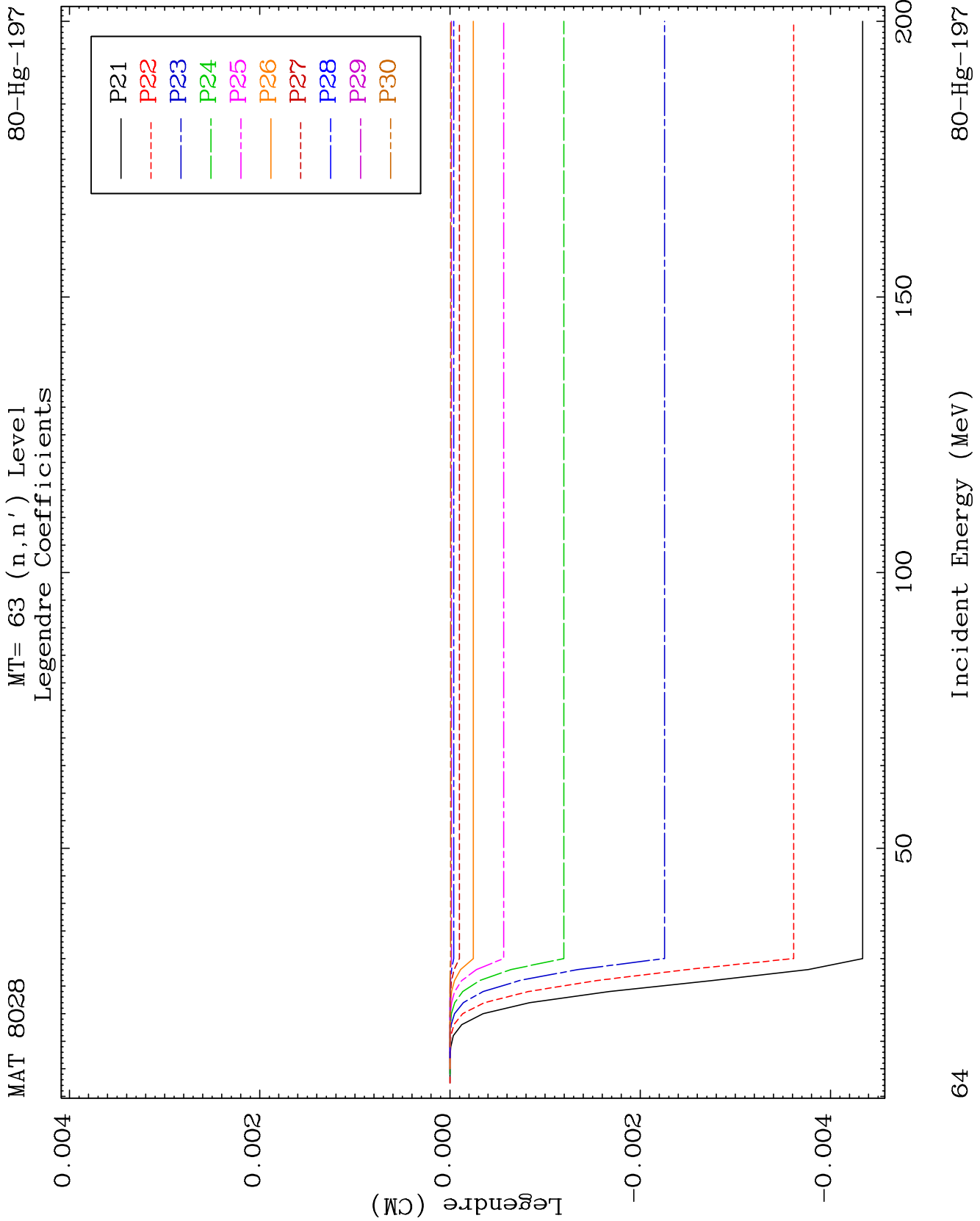
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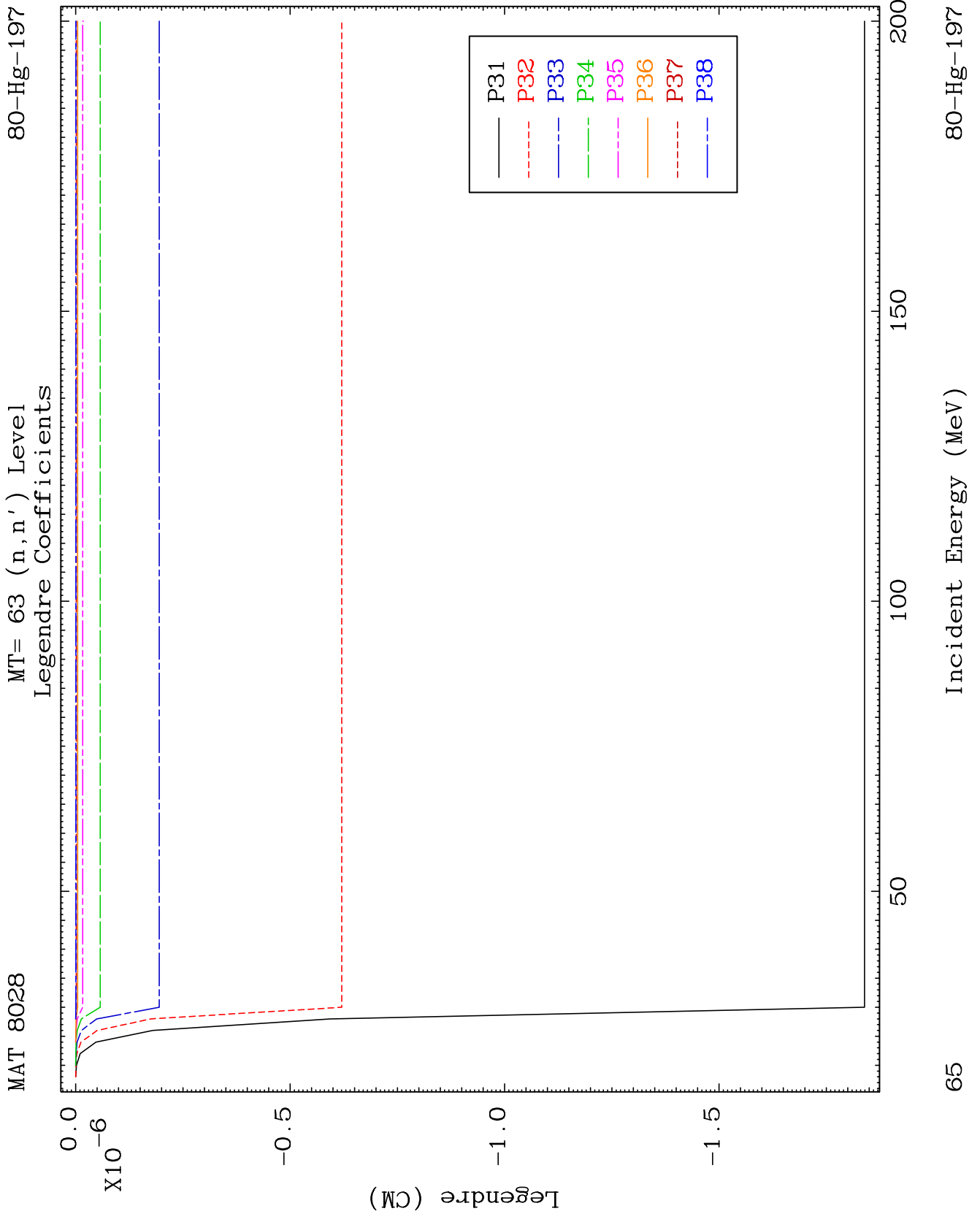
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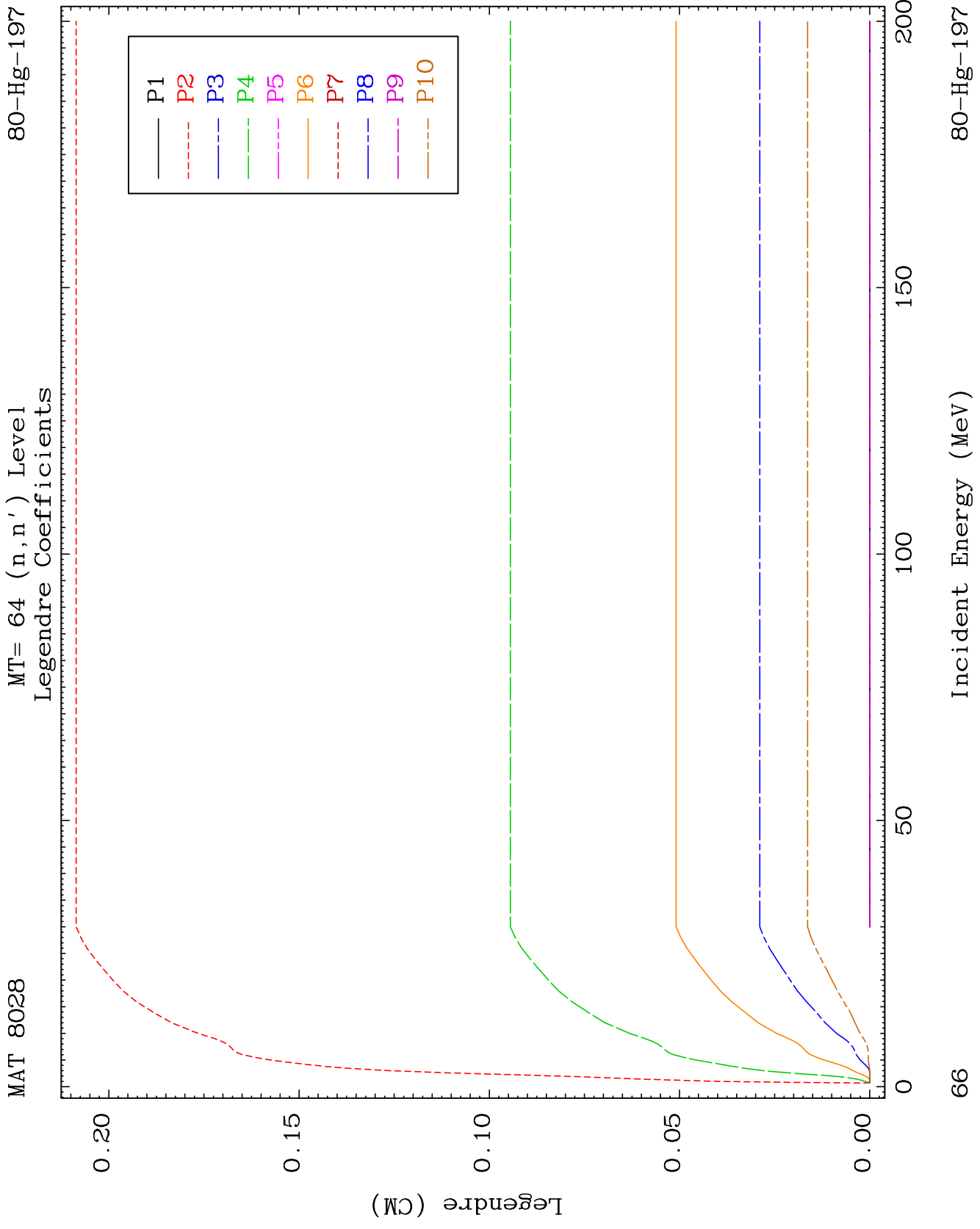


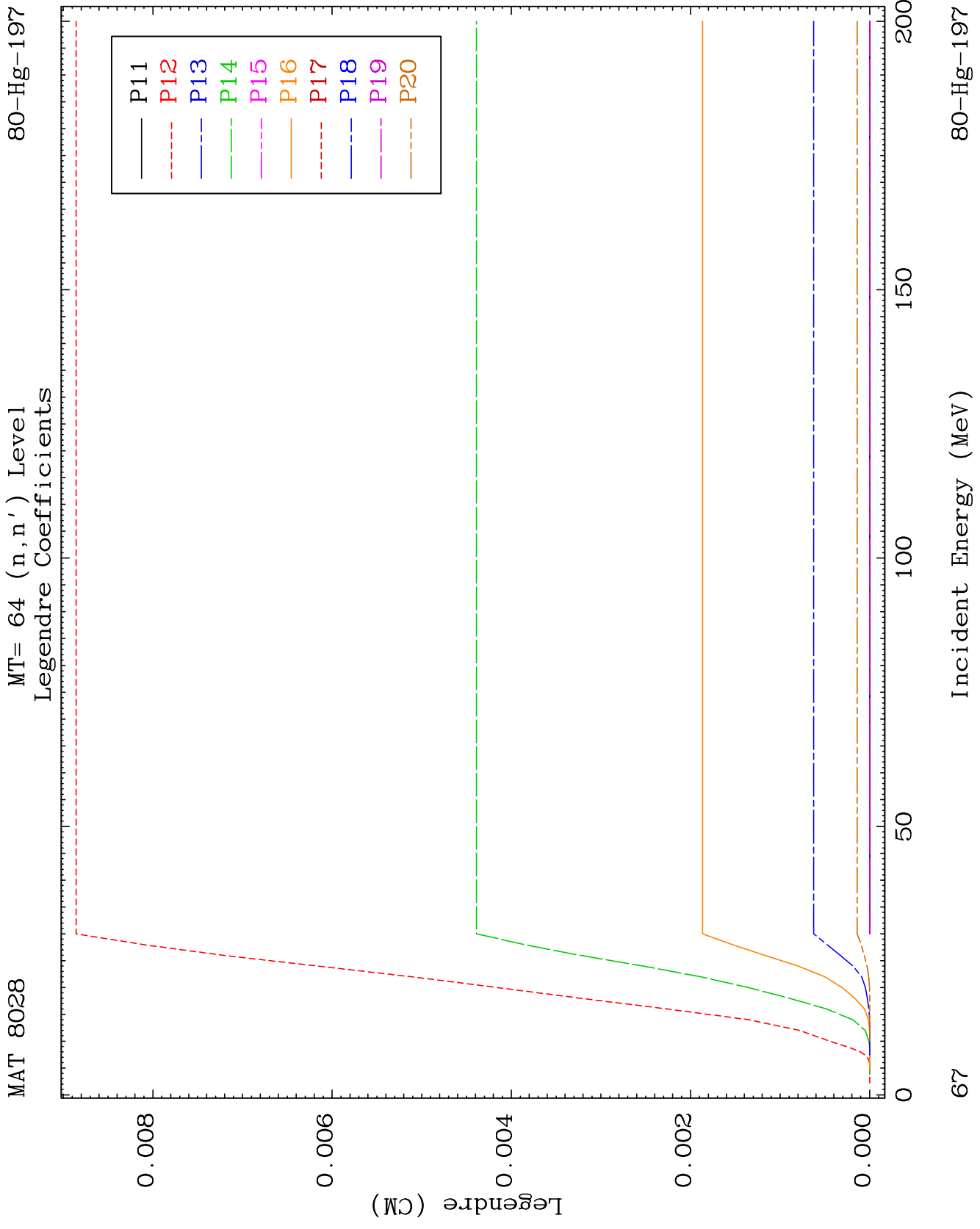


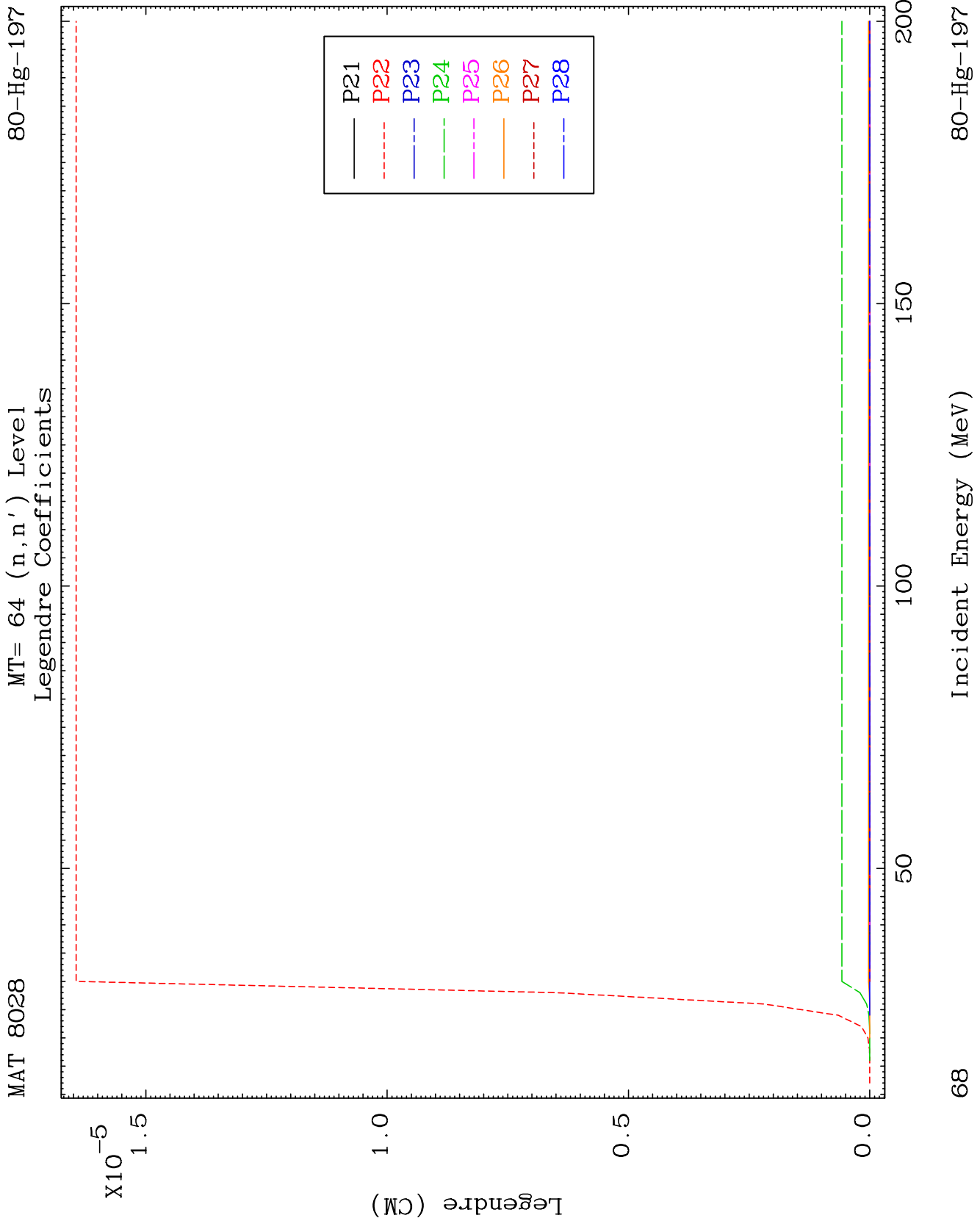








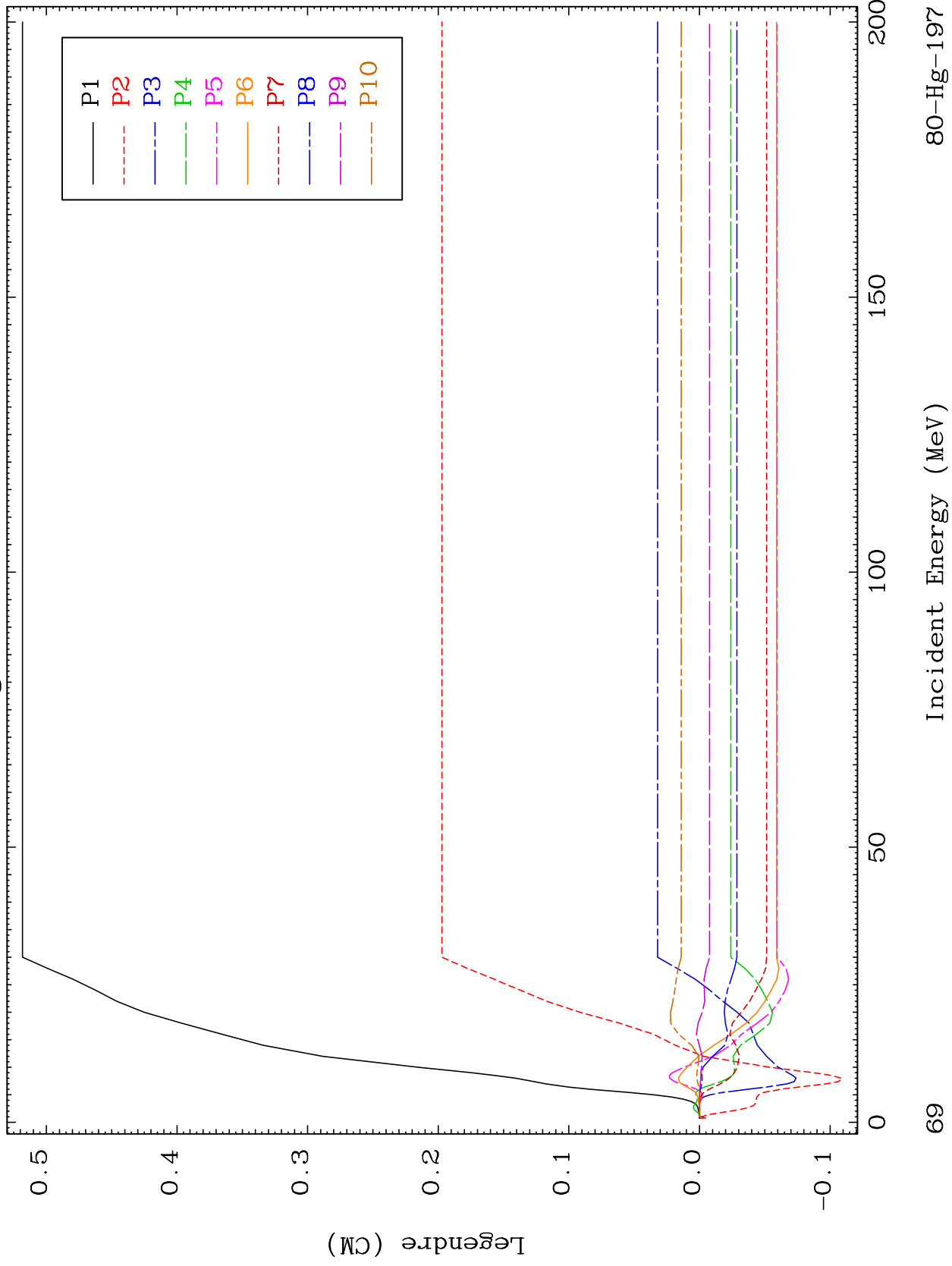




MAT 8028

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

80-Hg-197



69

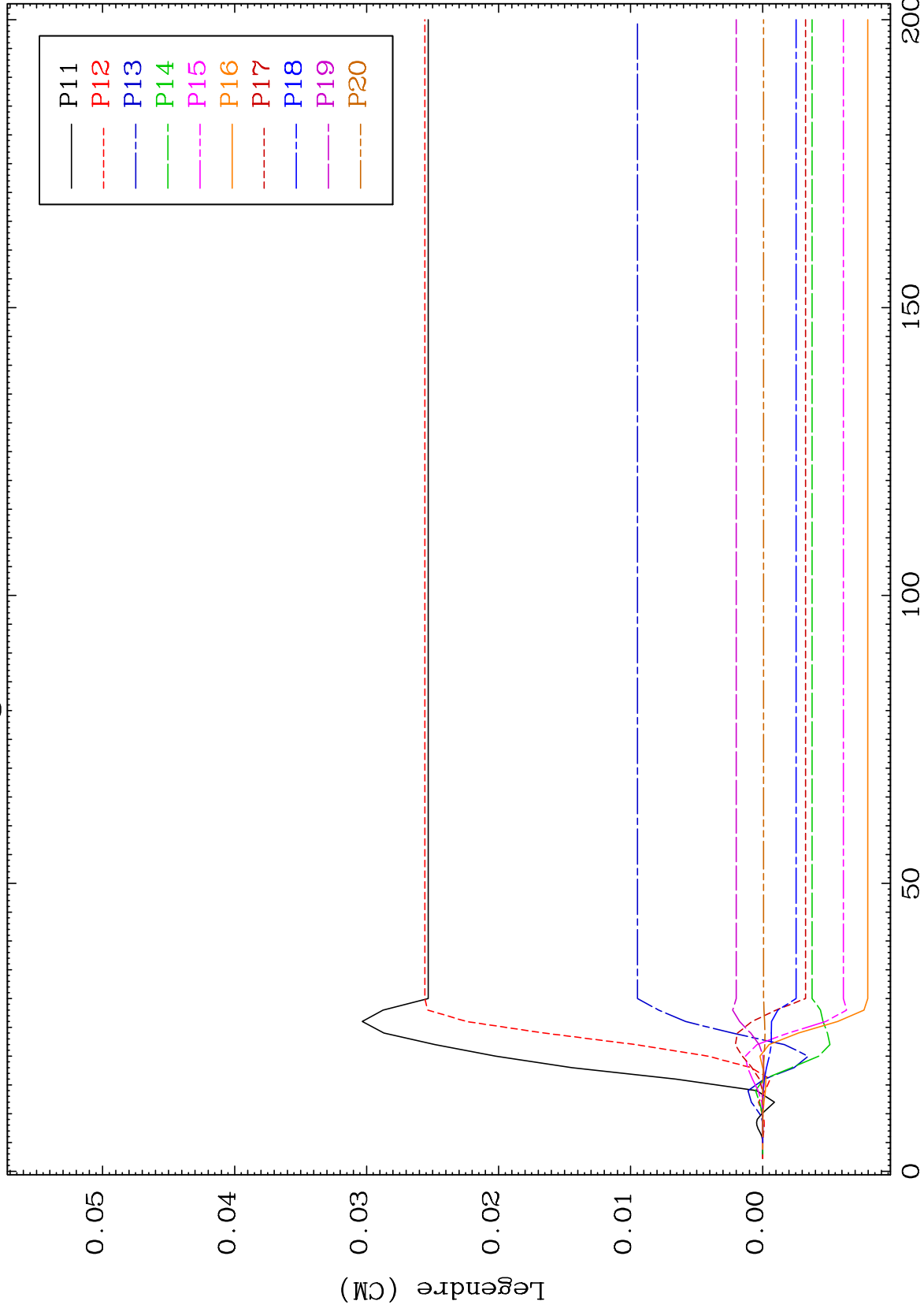
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

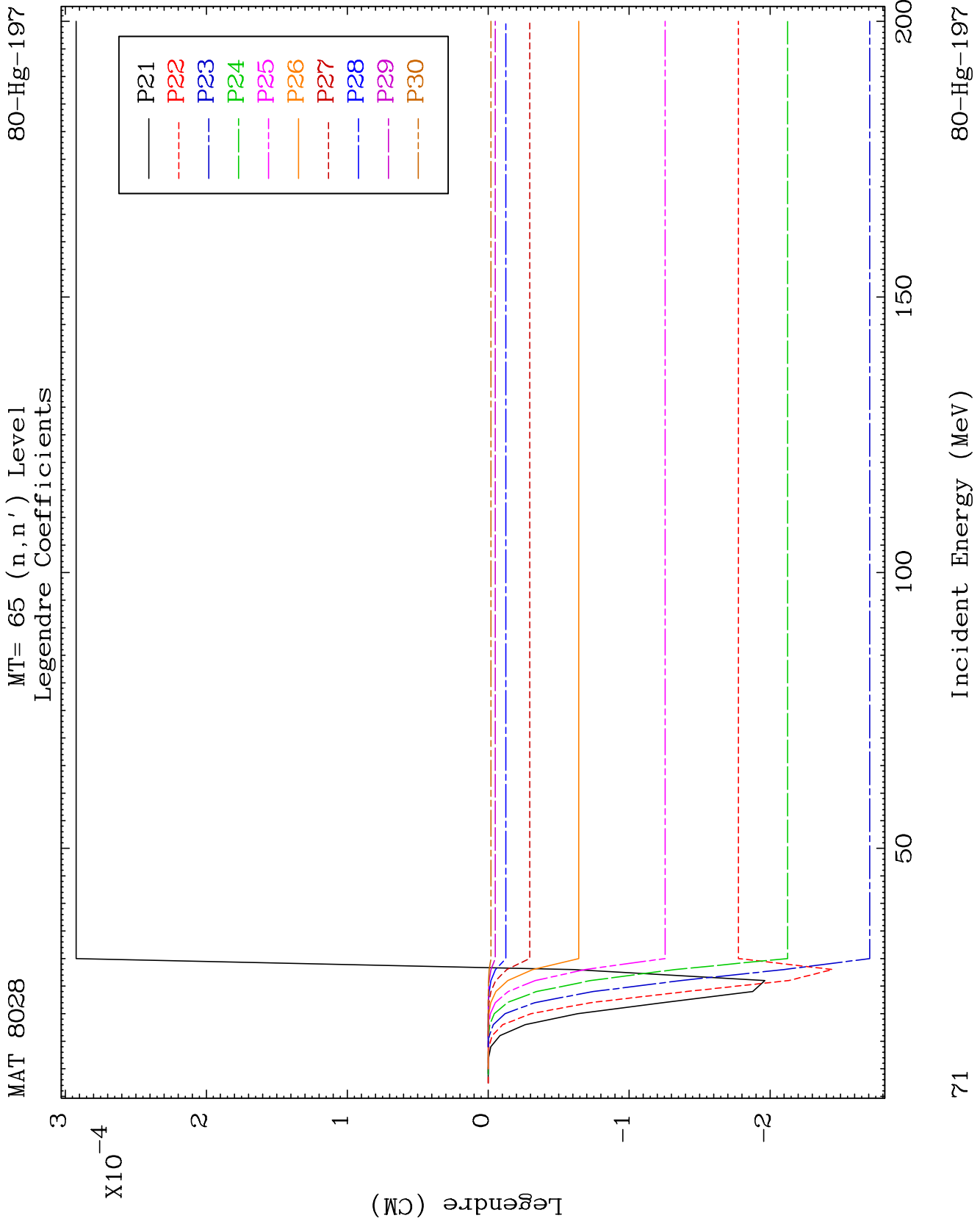
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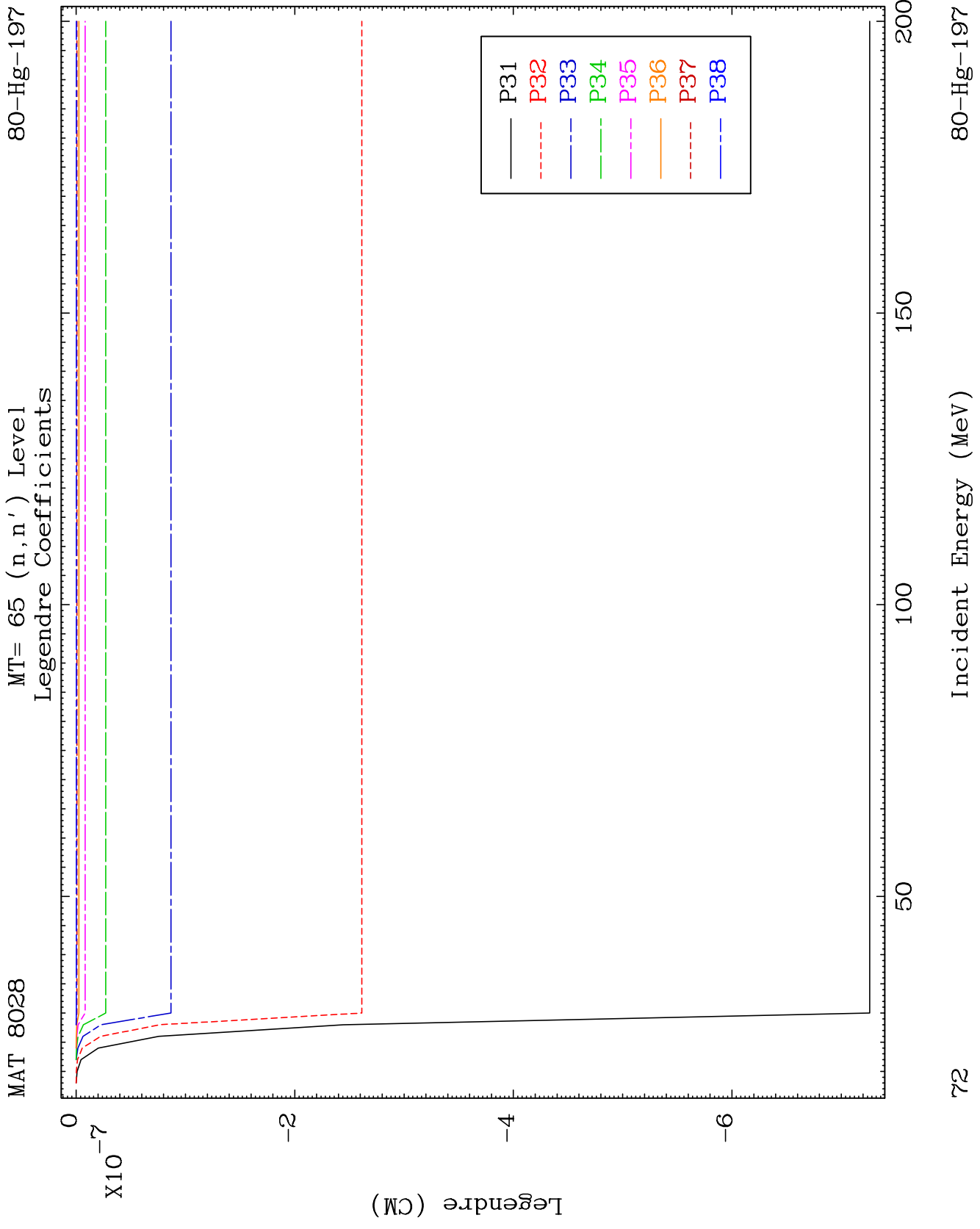


70

Incident Energy (MeV)

80-Hg-197

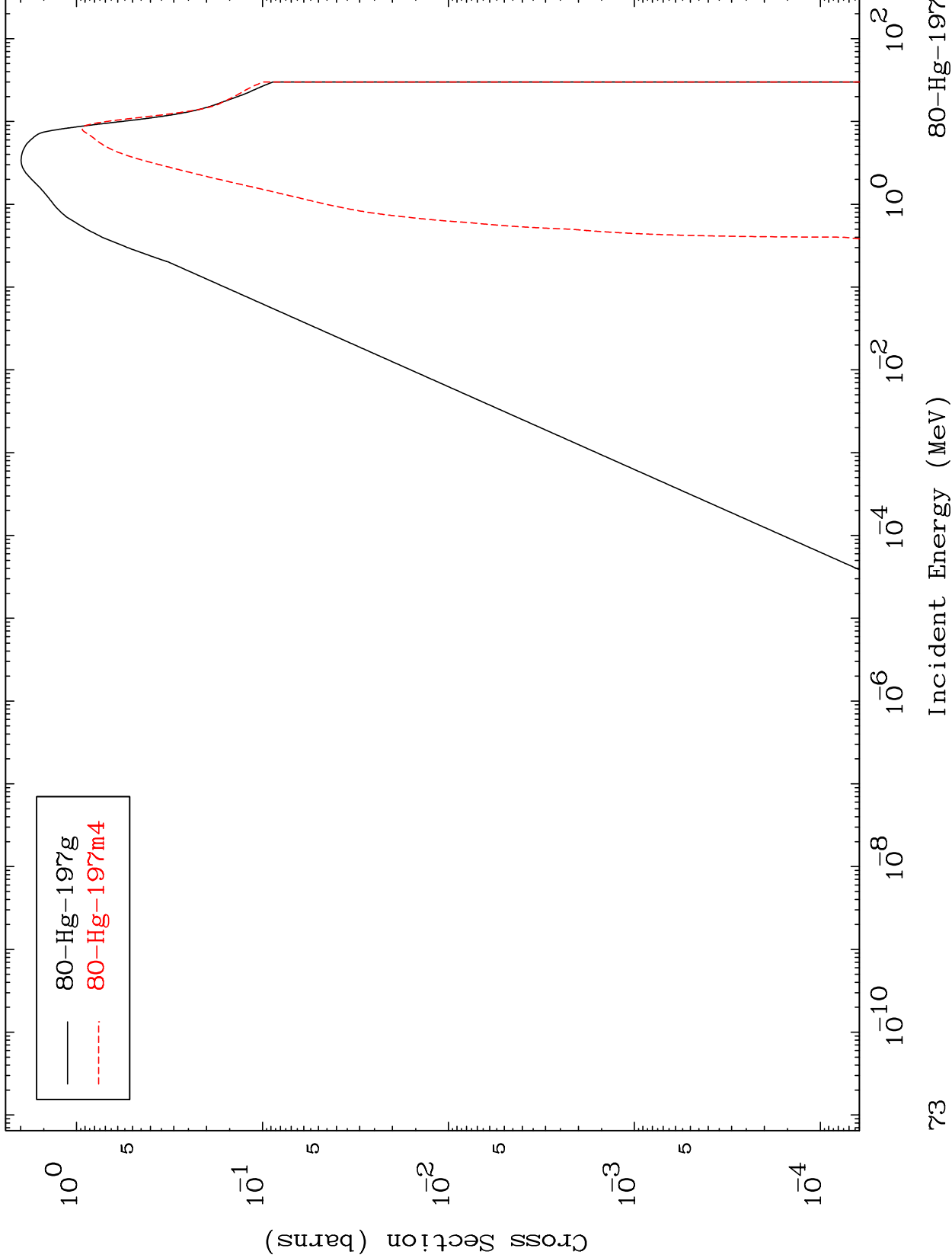




MAT 8028

Inelastic  
Radionuclide Production Cross Section

80-Hg-197



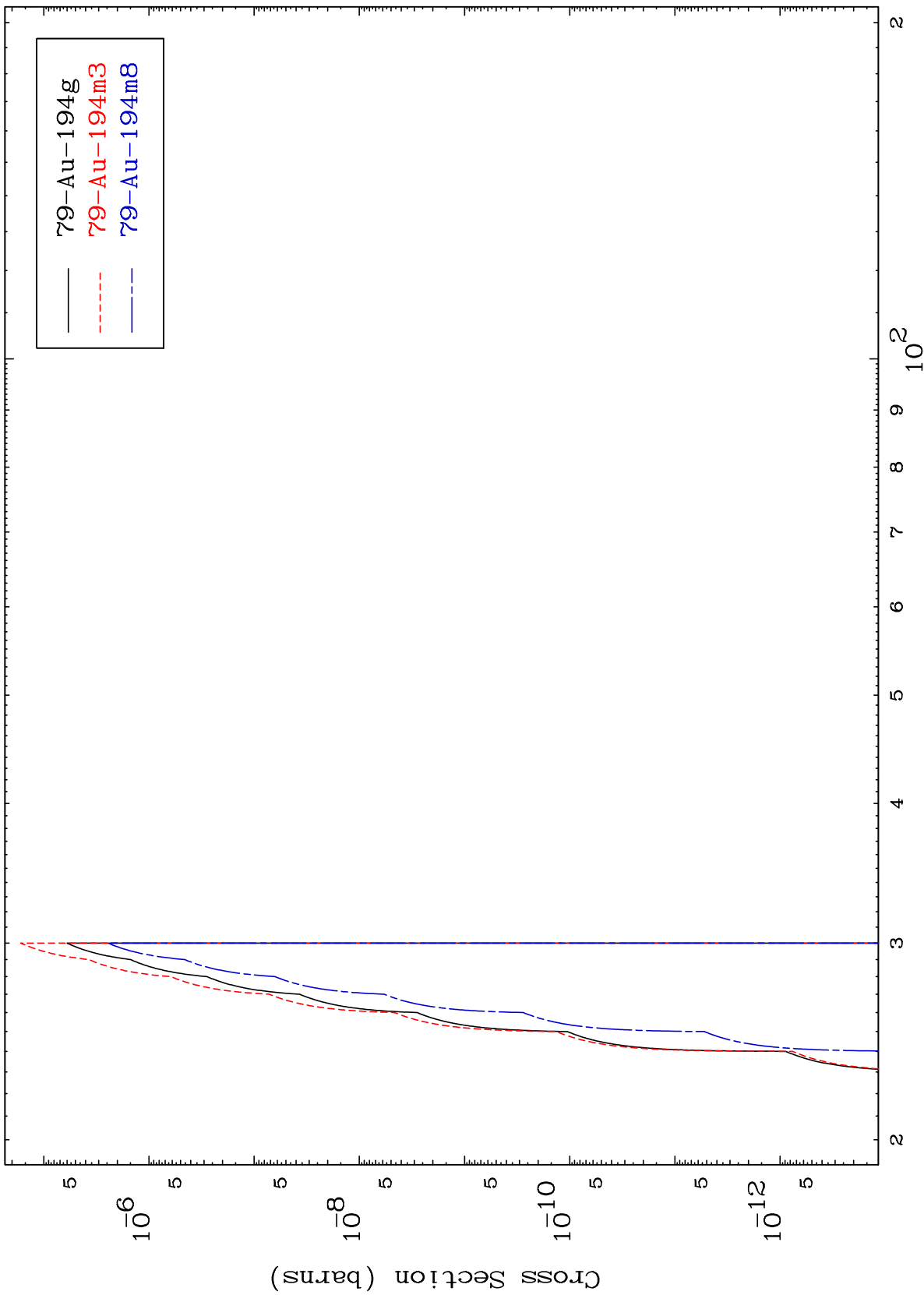
80-Hg-197

MAT 8028

(n,2n) d

80-Hg-197

Radionuclide Production Cross Section



74

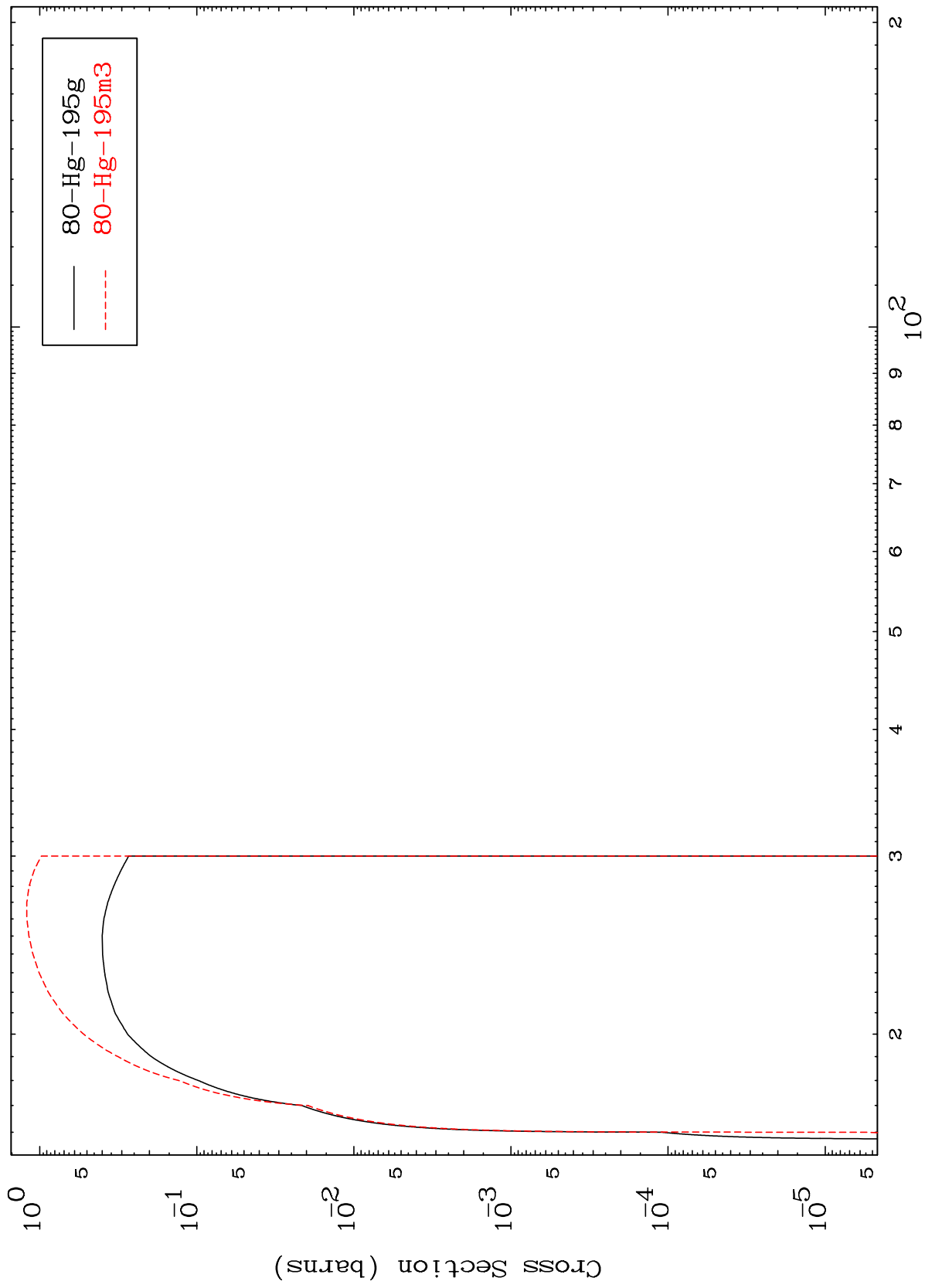
Incident Energy (MeV)

80-Hg-197

MAT 8028

80-Hg-197

(n,3n)  
Radionuclide Production Cross Section



75

Incident Energy (MeV)

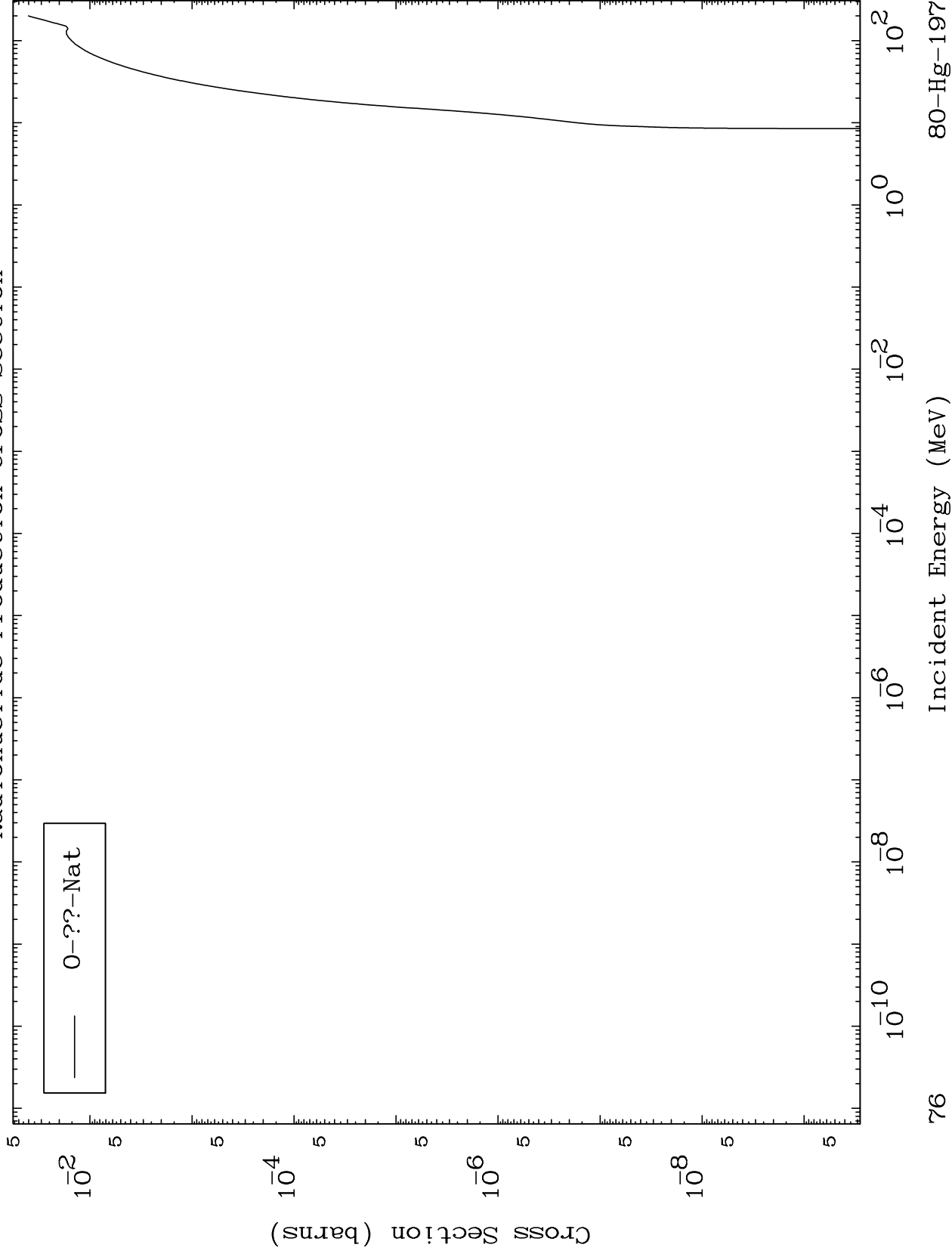
80-Hg-197

MAT 8028

Fission

80-Hg-197

Radionuclide Production Cross Section



76

Incident Energy (MeV)

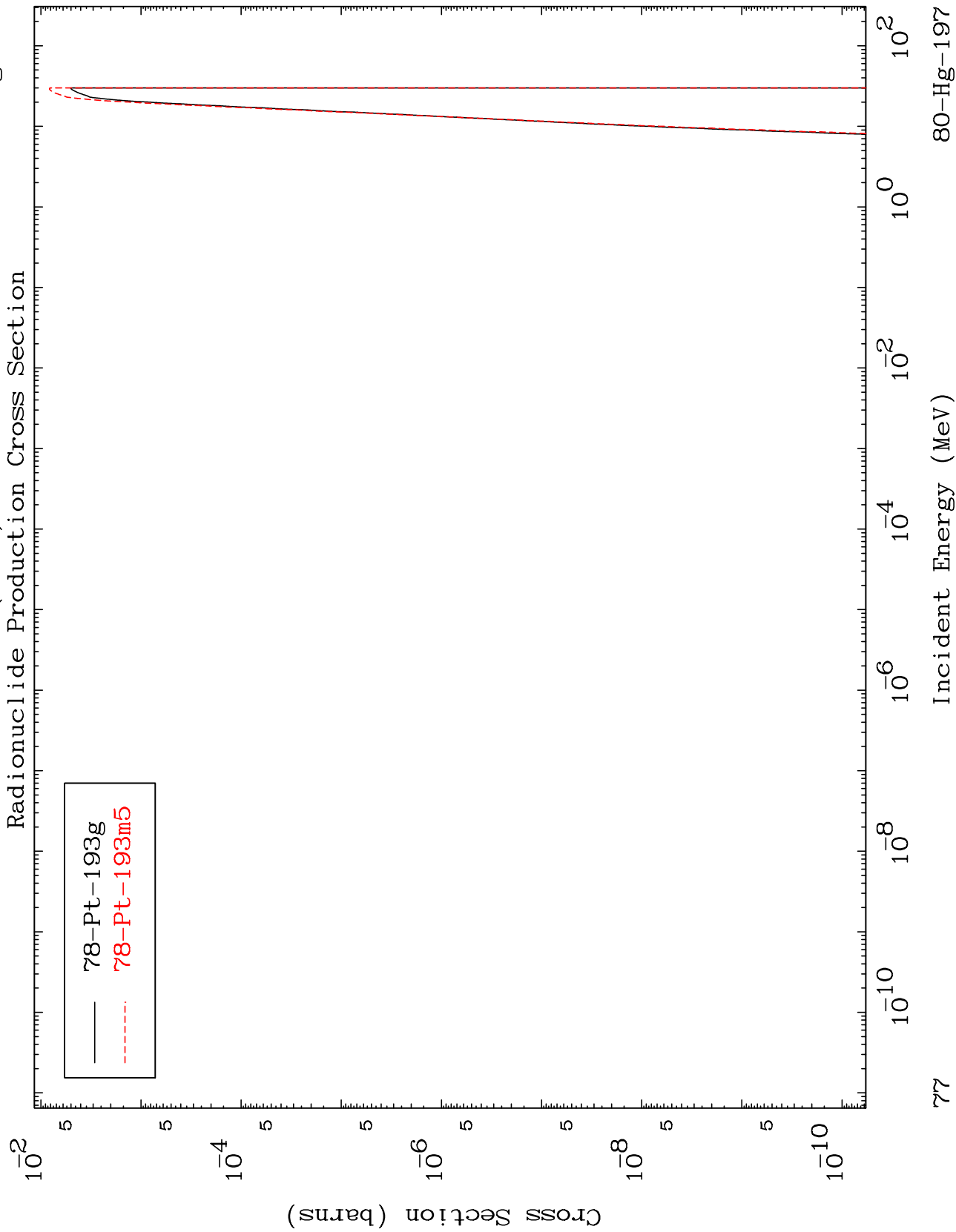
80-Hg-197

MAT 8028

$(n, n') \alpha$

80-Hg-197

Radionuclide Production Cross Section



77

Incident Energy (MeV)

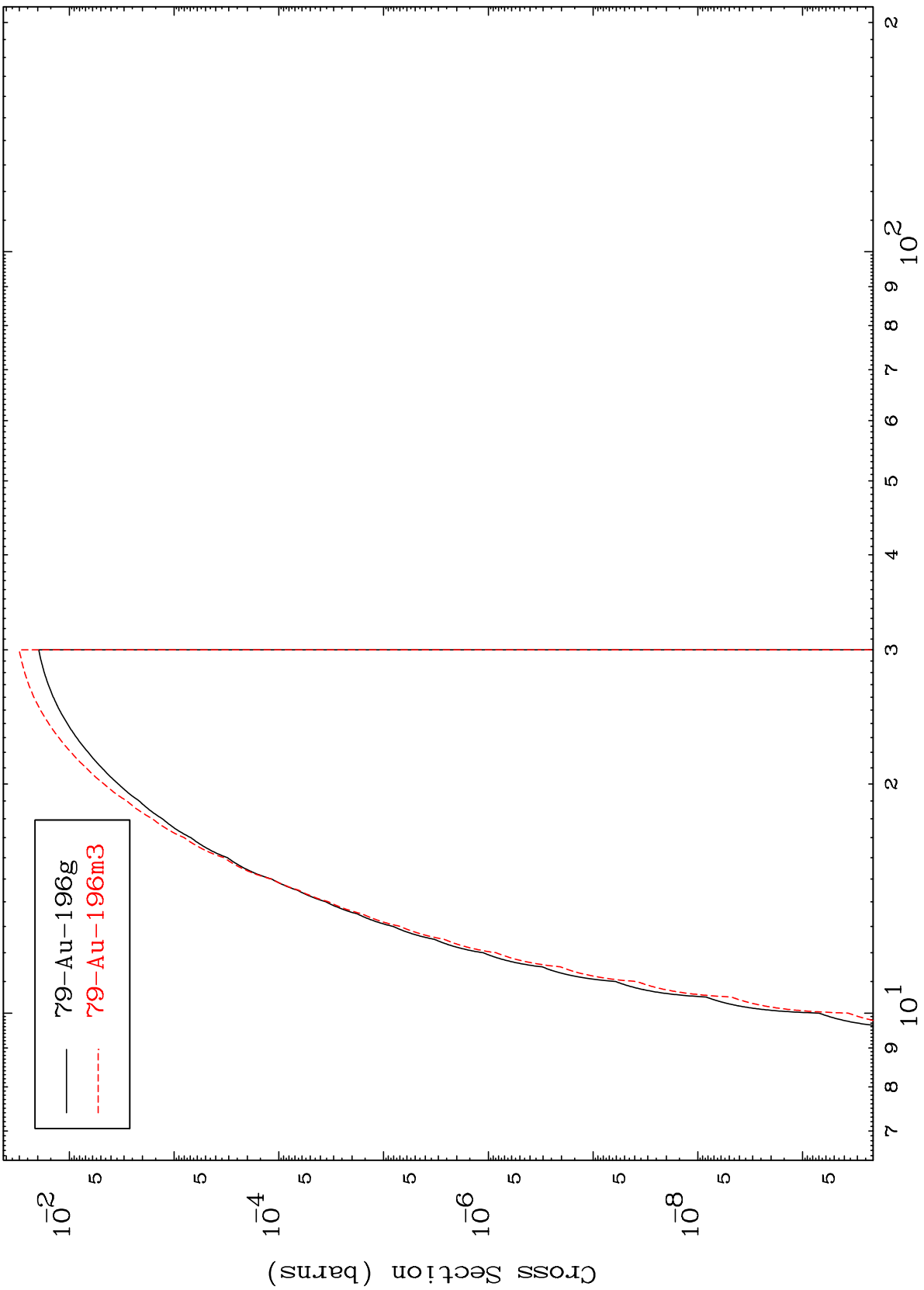
80-Hg-197

MAT 8028

(n,n') p

80-Hg-197

Radionuclide Production Cross Section



78

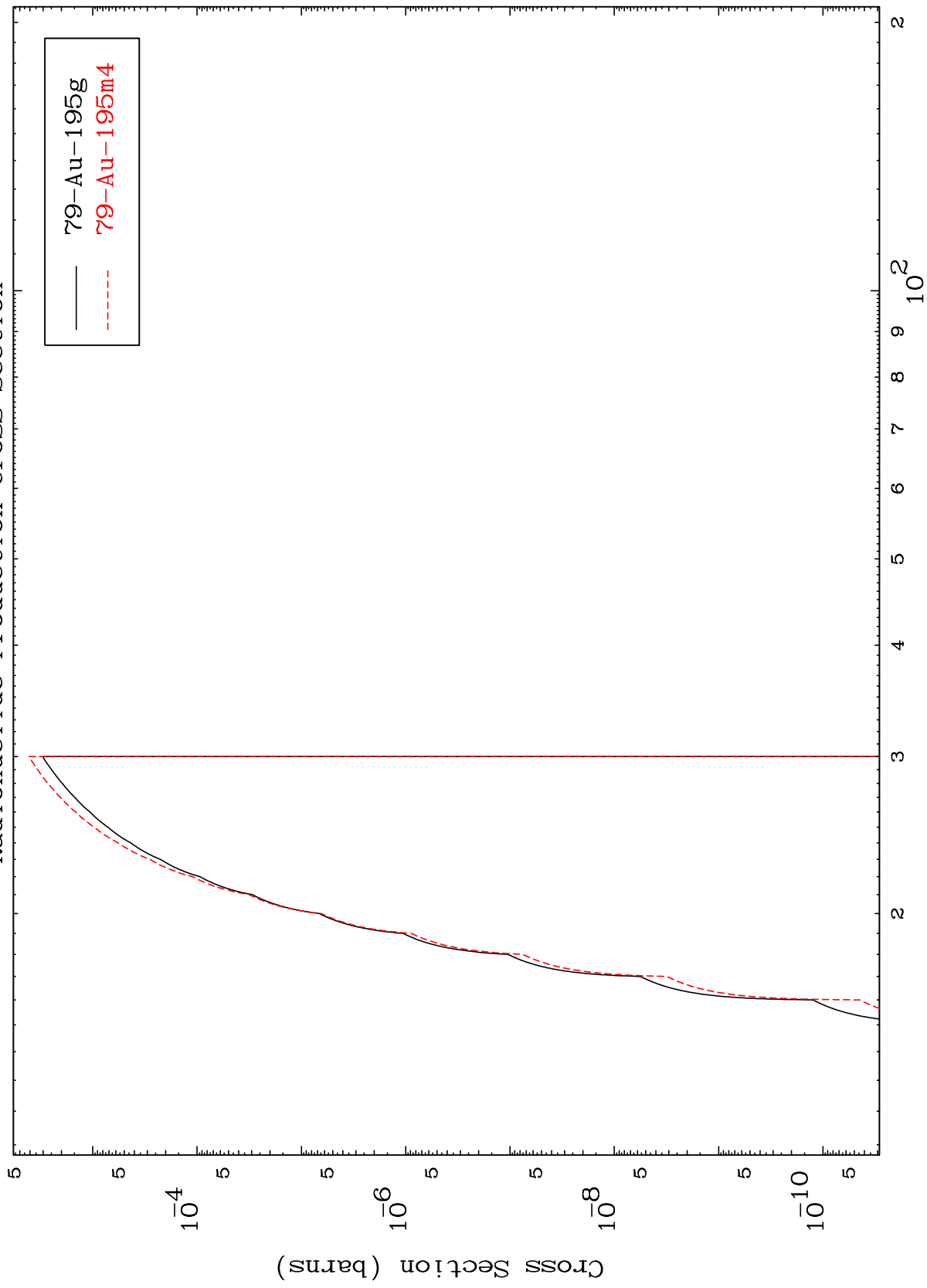
Incident Energy (MeV)

80-Hg-197

MAT 8028

80-Hg-197

$(n, n')$  d  
Radionuclide Production Cross Section



79

Incident Energy (MeV)

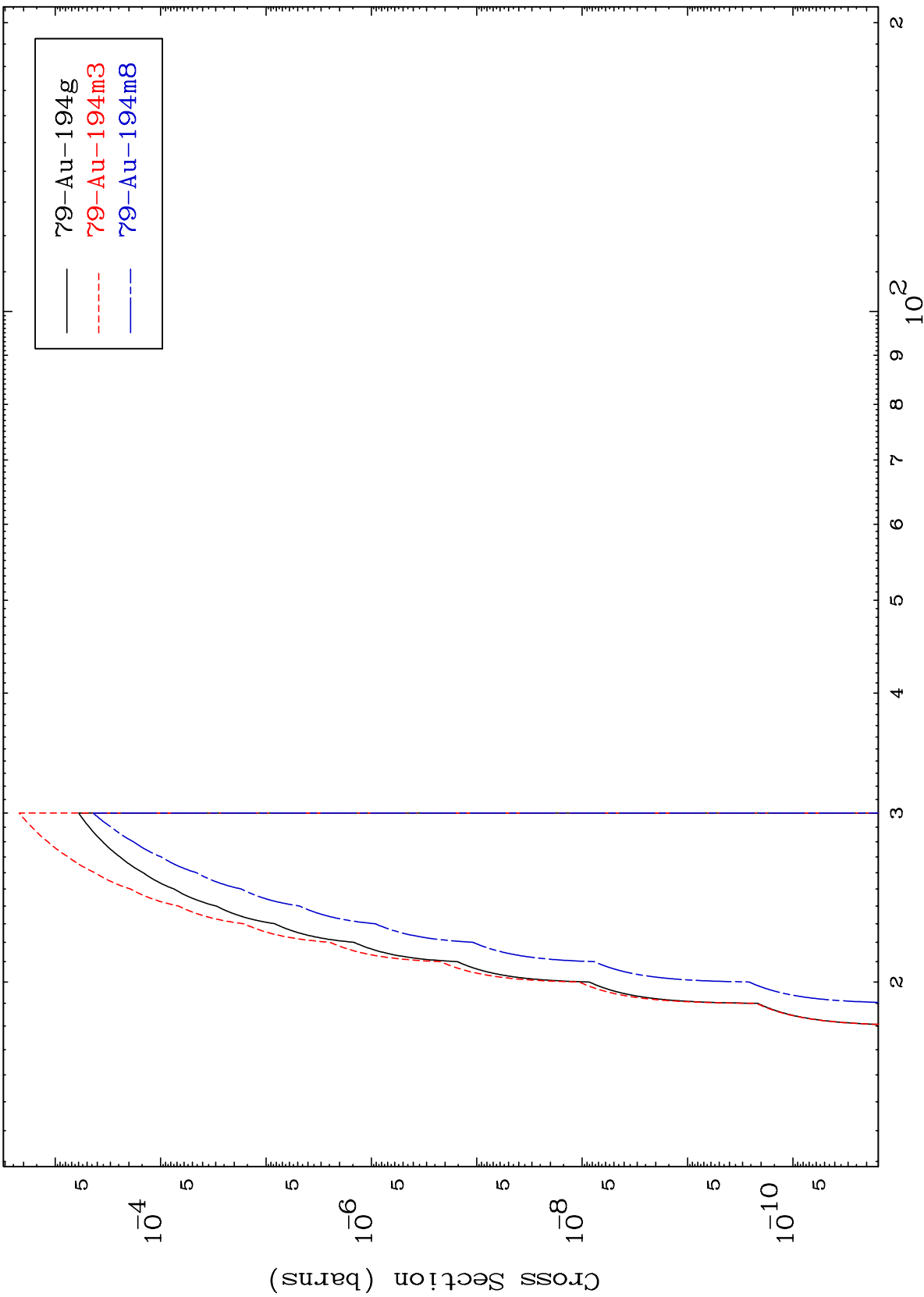
80-Hg-197

MAT 8028

(n,n') t

80-Hg-197

Radionuclide Production Cross Section



80

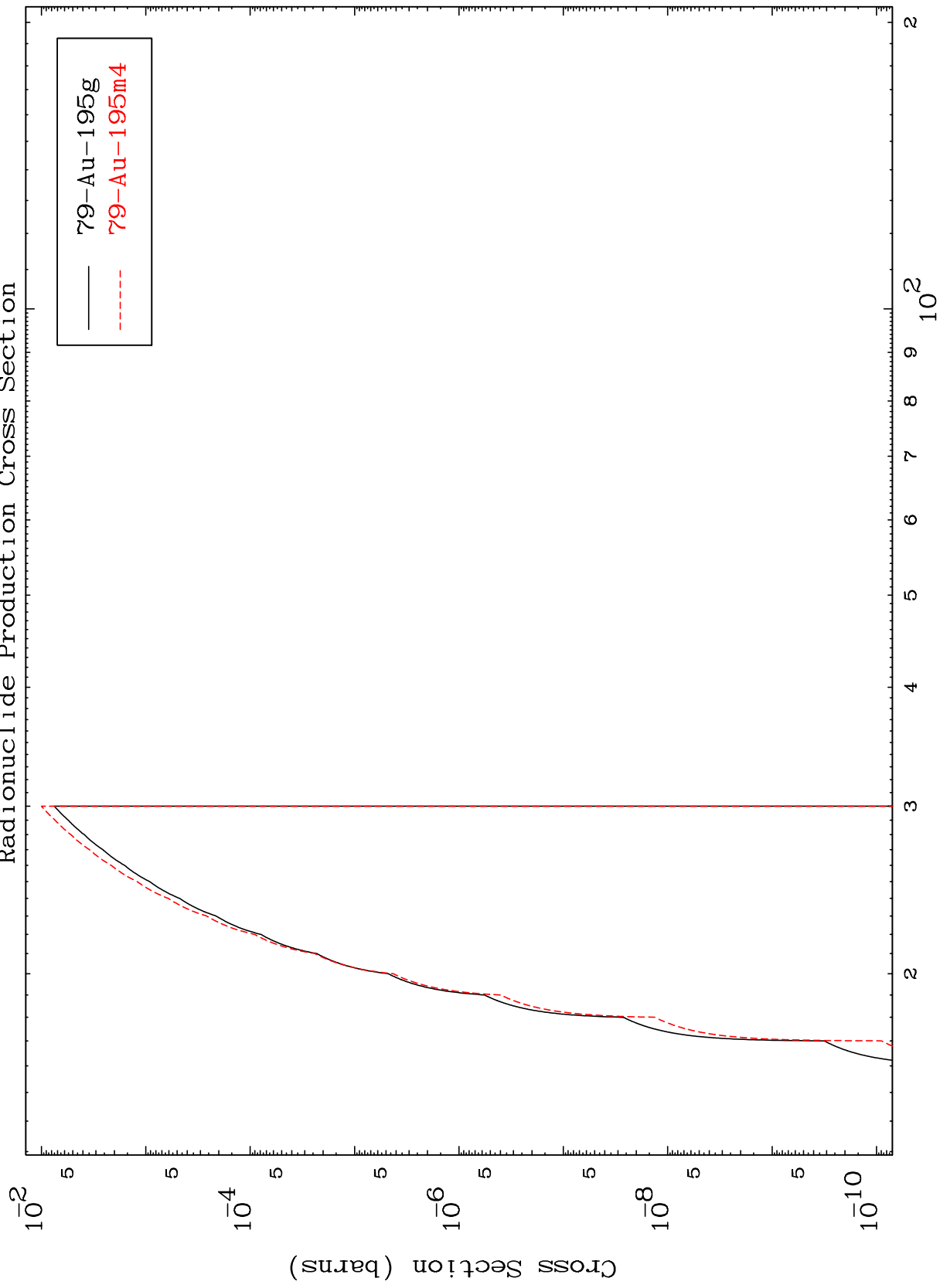
Incident Energy (MeV)

80-Hg-197

MAT 8028

80-Hg-197

(n,2n) p  
Radionuclide Production Cross Section

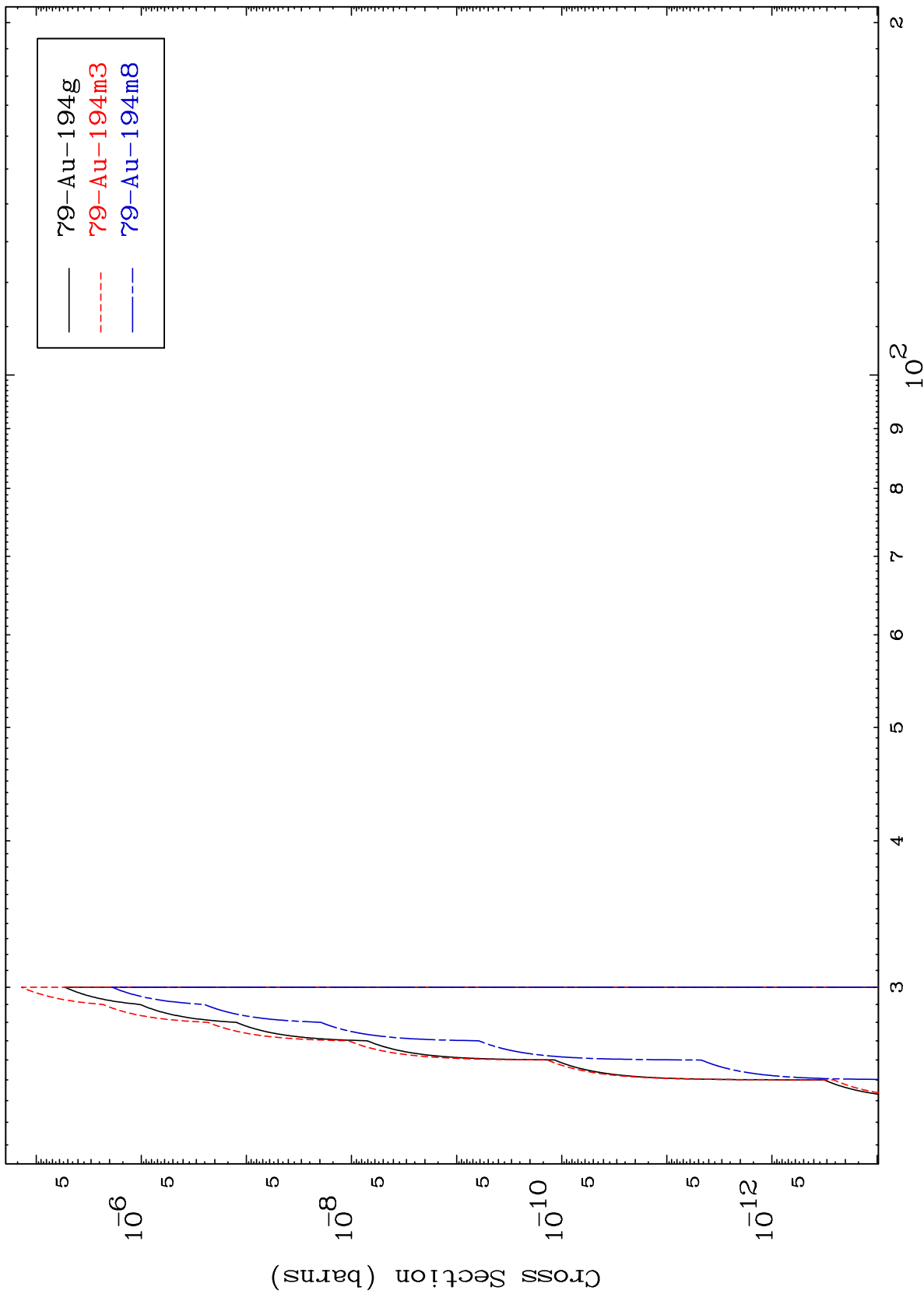


81

Incident Energy (MeV)

80-Hg-197

(n,3n) p  
Radionuclide Production Cross Section

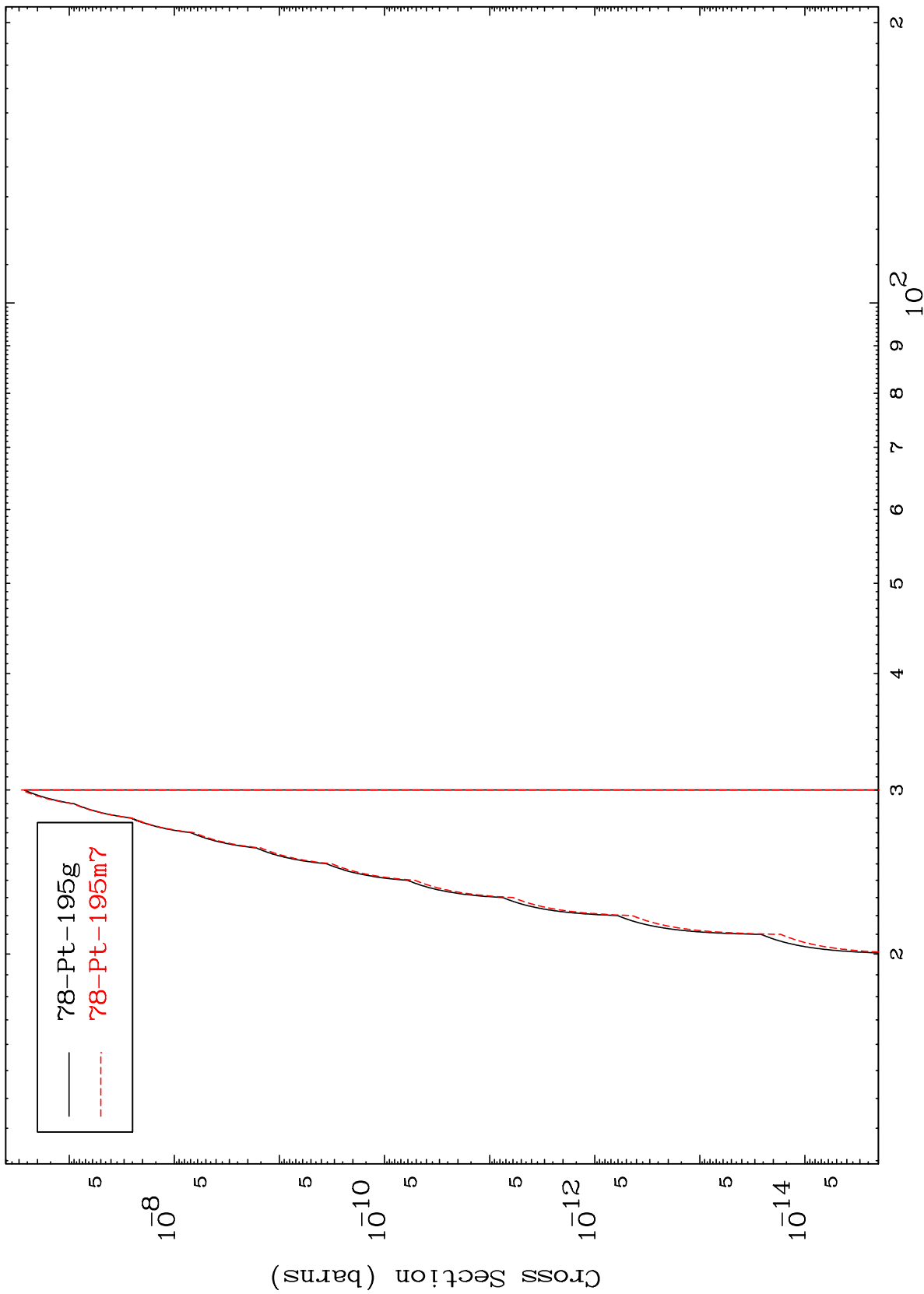


MAT 8028

(n,2n) p

80-Hg-197

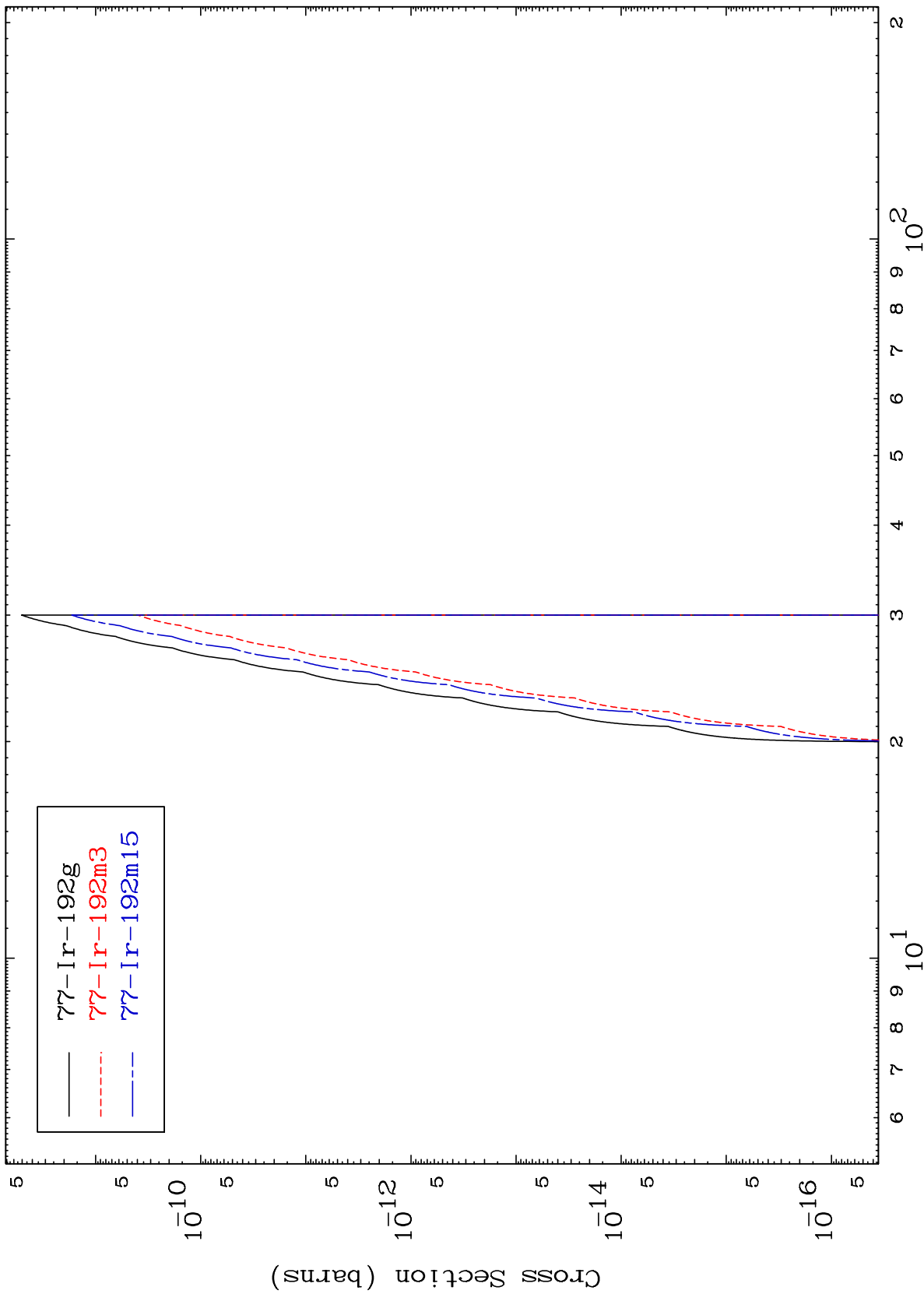
Radionuclide Production Cross Section



MAT 8028

80-Hg-197

(n,n') p  $\alpha$   
Radionuclide Production Cross Section



84

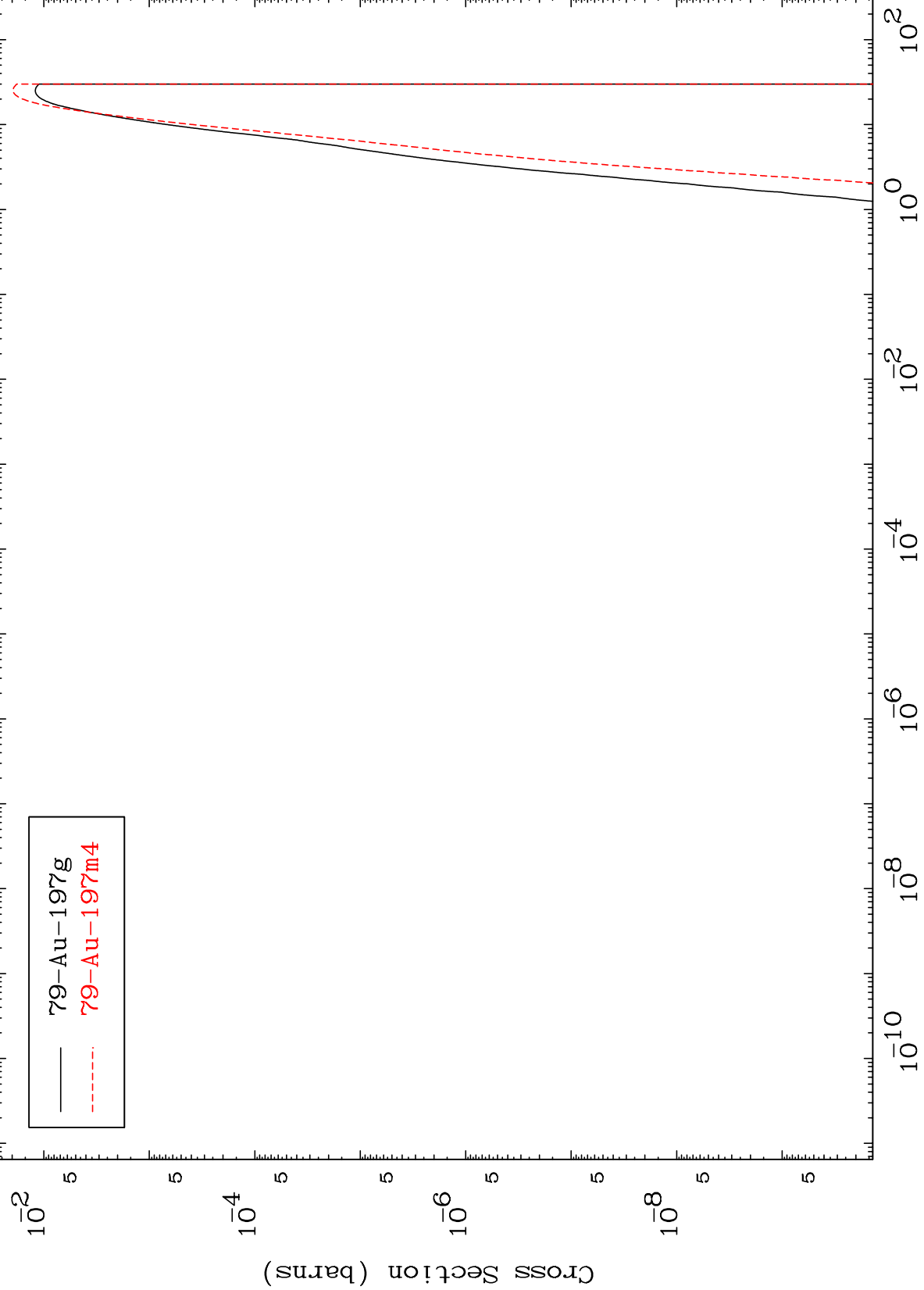
80-Hg-197

Incident Energy (MeV)

MAT 8028

(n,p)  
Radionuclide Production Cross Section

80-Hg-197



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

85

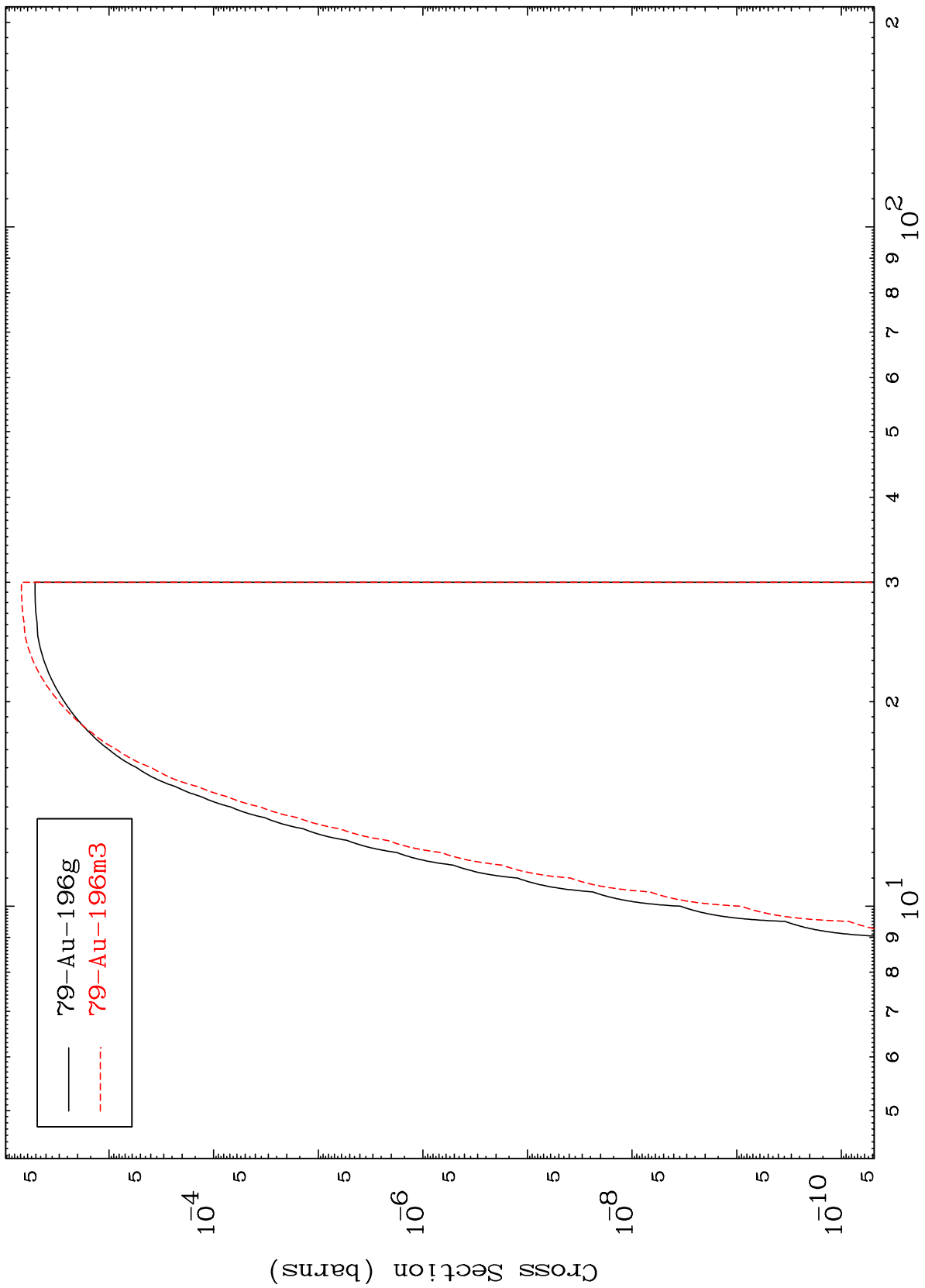
80-Hg-197

Incident Energy (MeV)

MAT 8028

80-Hg-197

(n,d)  
Radionuclide Production Cross Section



86

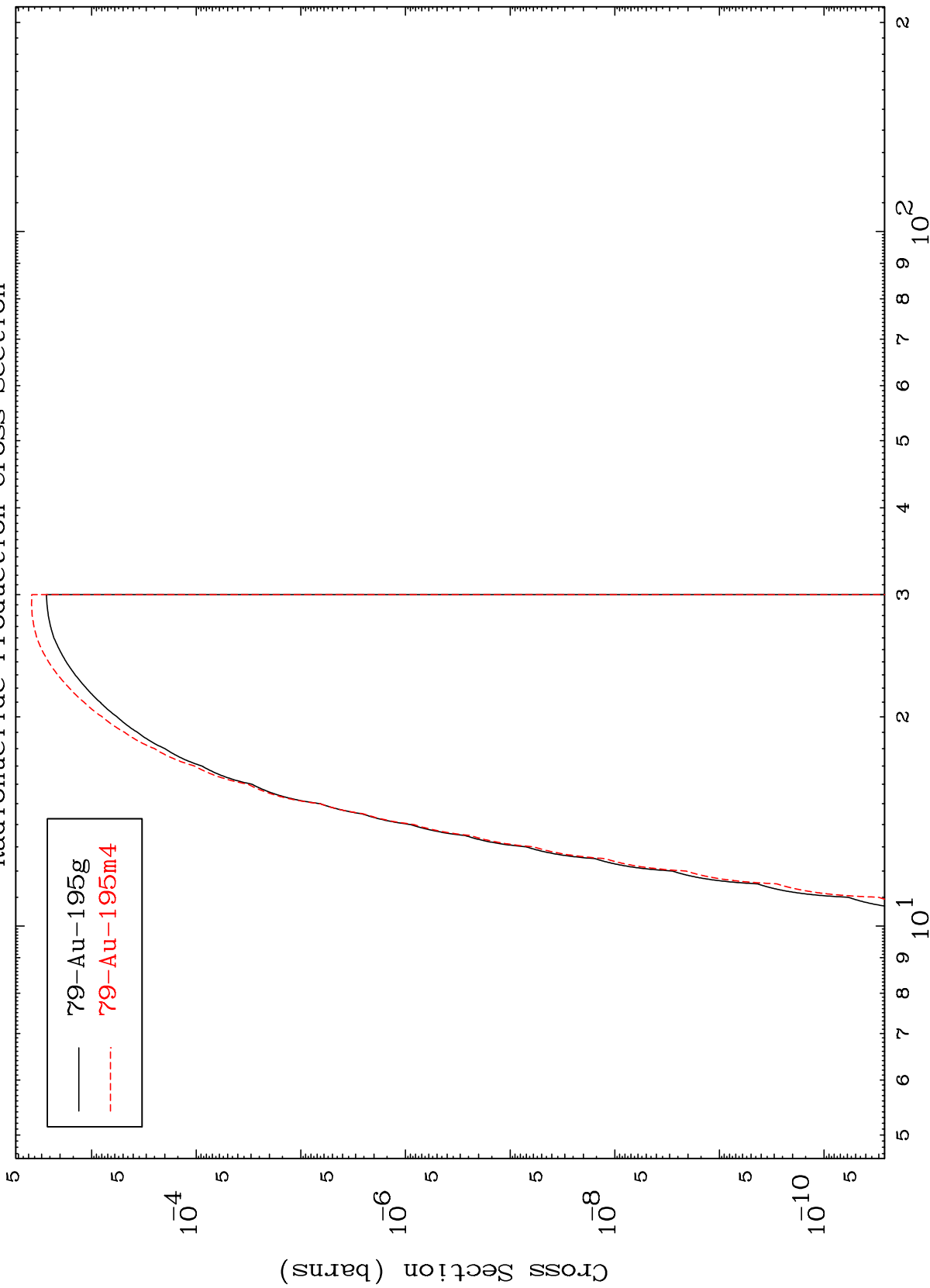
Incident Energy (MeV)

80-Hg-197

MAT 8028

80-Hg-197

Radionuclide Production Cross Section



87

Incident Energy (MeV)

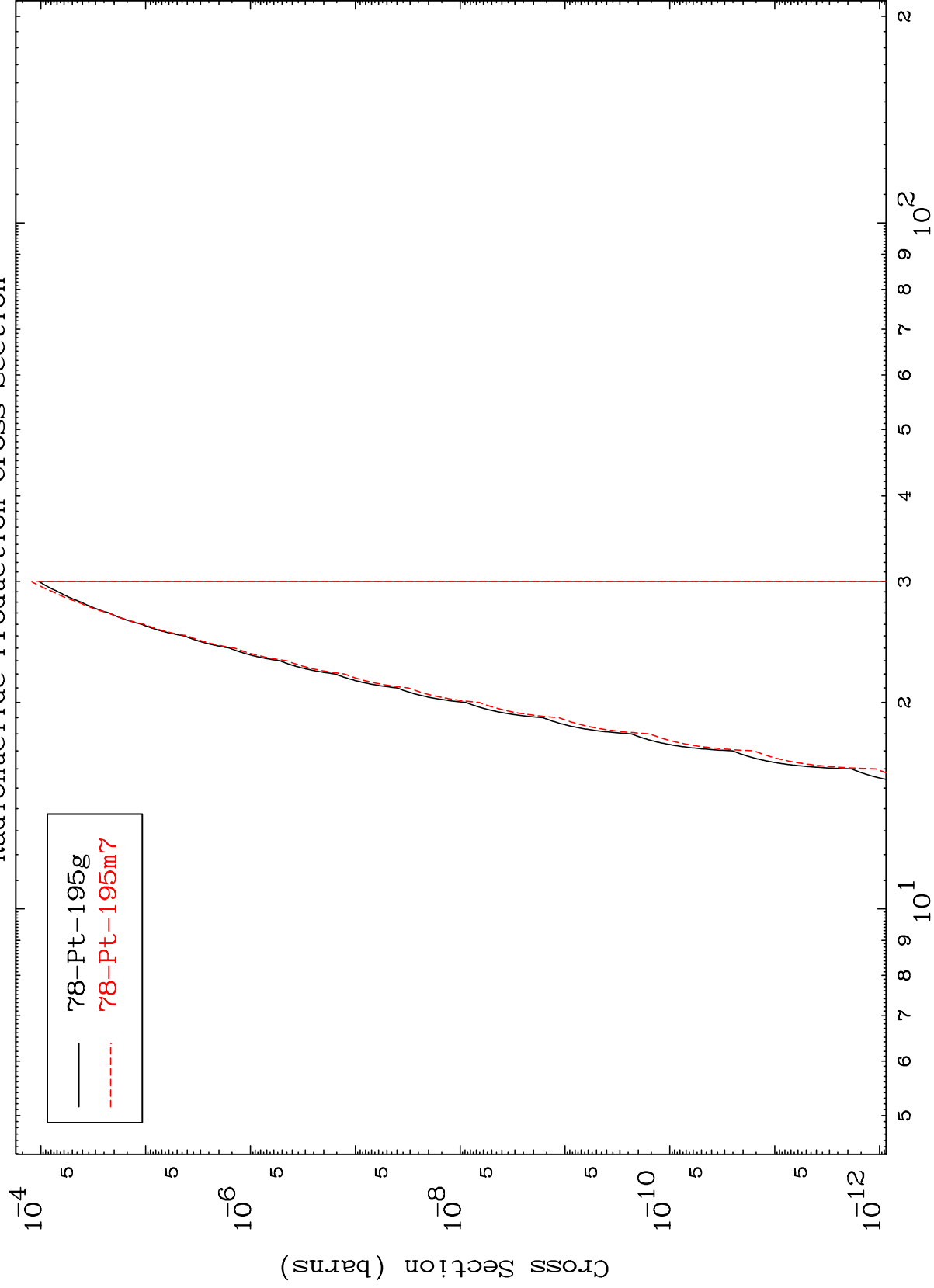
80-Hg-197

MAT 8028

(n,He-3)

80-Hg-197

Radionuclide Production Cross Section



88

Incident Energy (MeV)

80-Hg-197

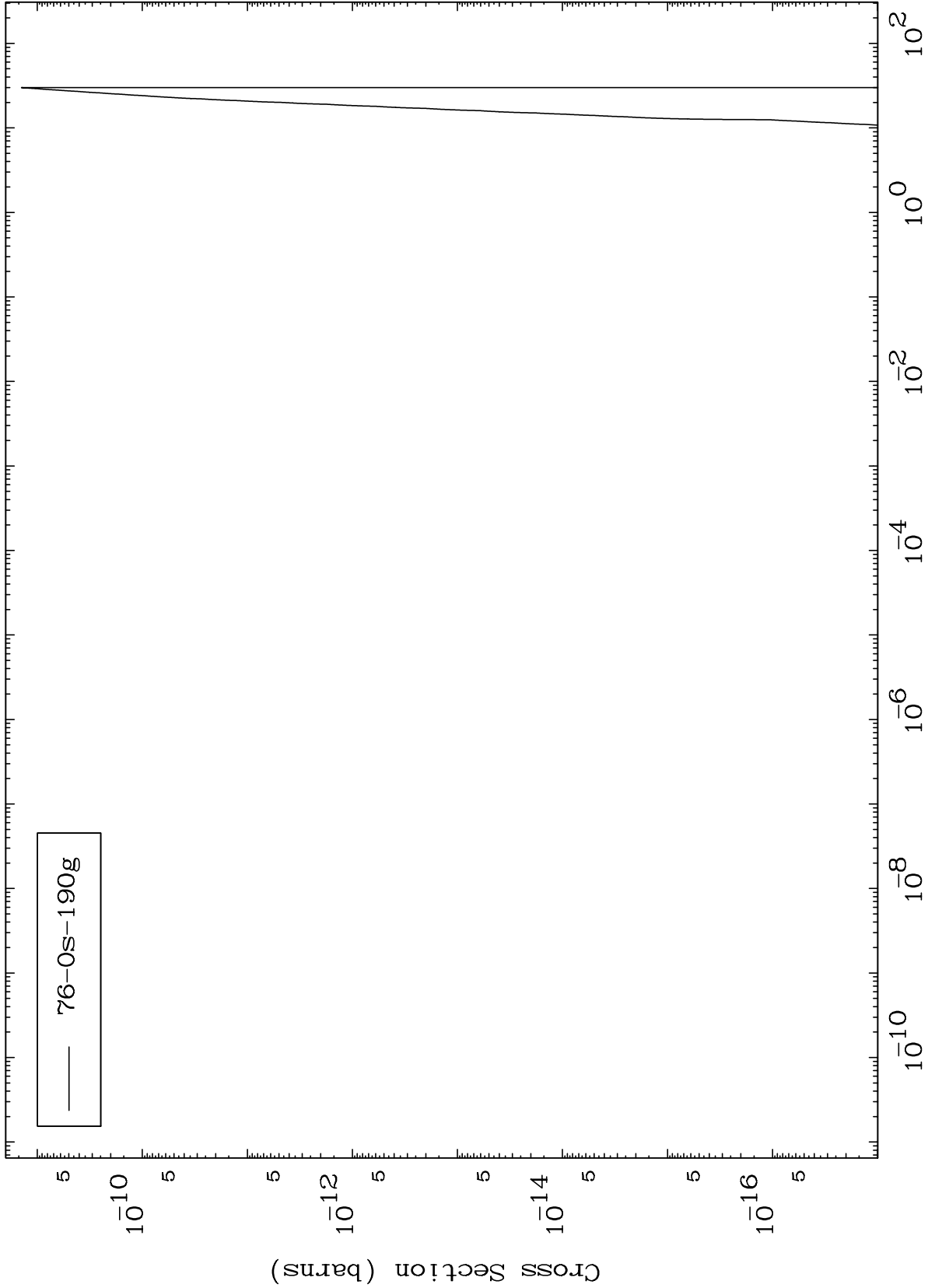
MAT 8028

(n,2α)

80-Hg-197

Radionuclide Production Cross Section

76-Os-190g

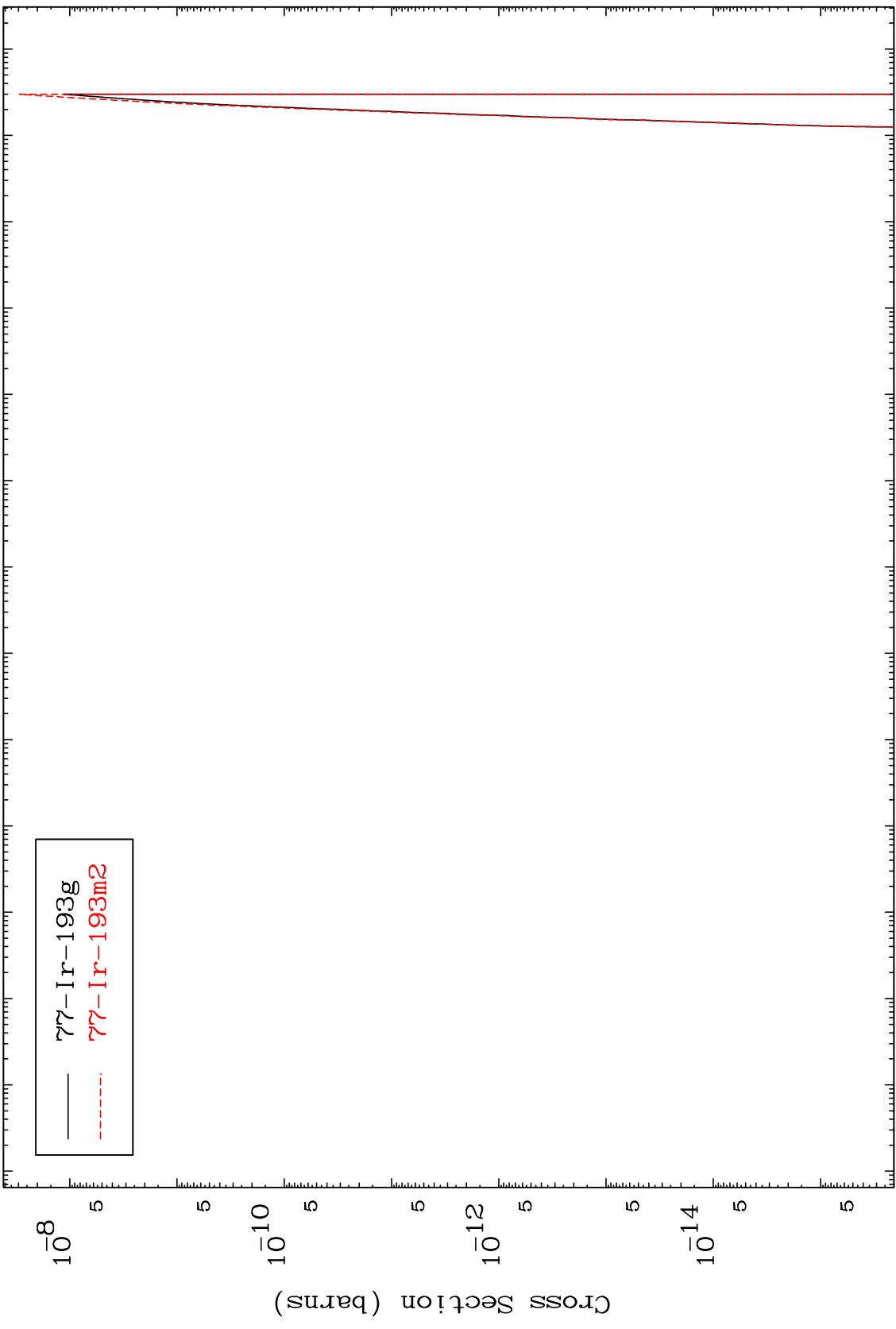
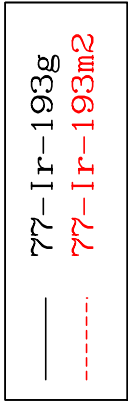


MAT 8028

(n,p)  $\alpha$

80-Hg-197

Radionuclide Production Cross Section



10<sup>-8</sup>  
5  
10<sup>-10</sup>  
5  
10<sup>-12</sup>  
5  
10<sup>-14</sup>  
5  
10<sup>-10</sup>  
10<sup>-8</sup>  
10<sup>-6</sup>  
10<sup>-4</sup>  
10<sup>-2</sup>  
10<sup>0</sup>  
10<sup>2</sup>  
80-Hg-197  
Incident Energy (MeV)  
90

MAT 8028

(n,p) d

80-Hg-197

