

Program EVALPLOT  
(Version 2021-1)

by

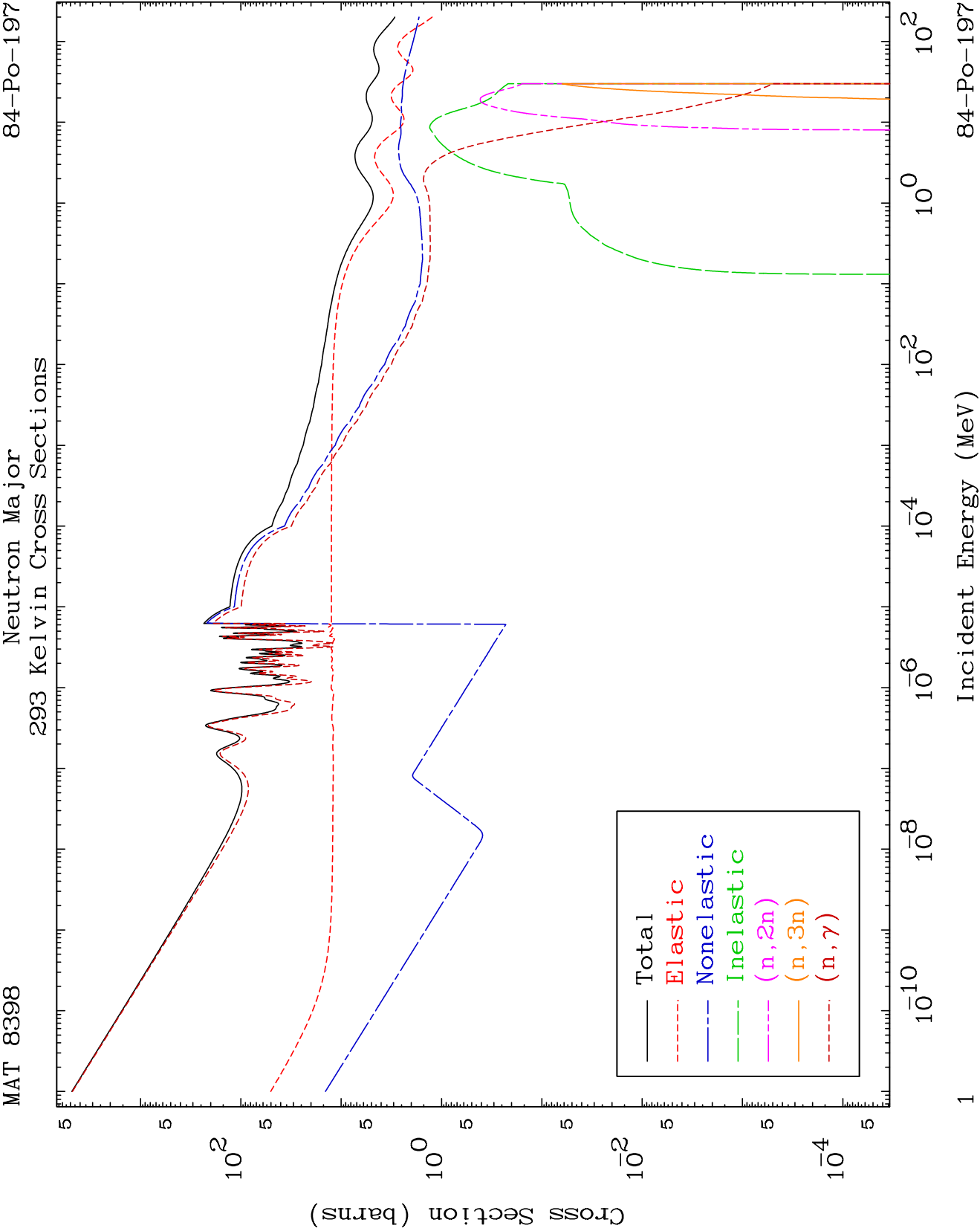
Dermott E. Cullen  
(Present Contact Information)

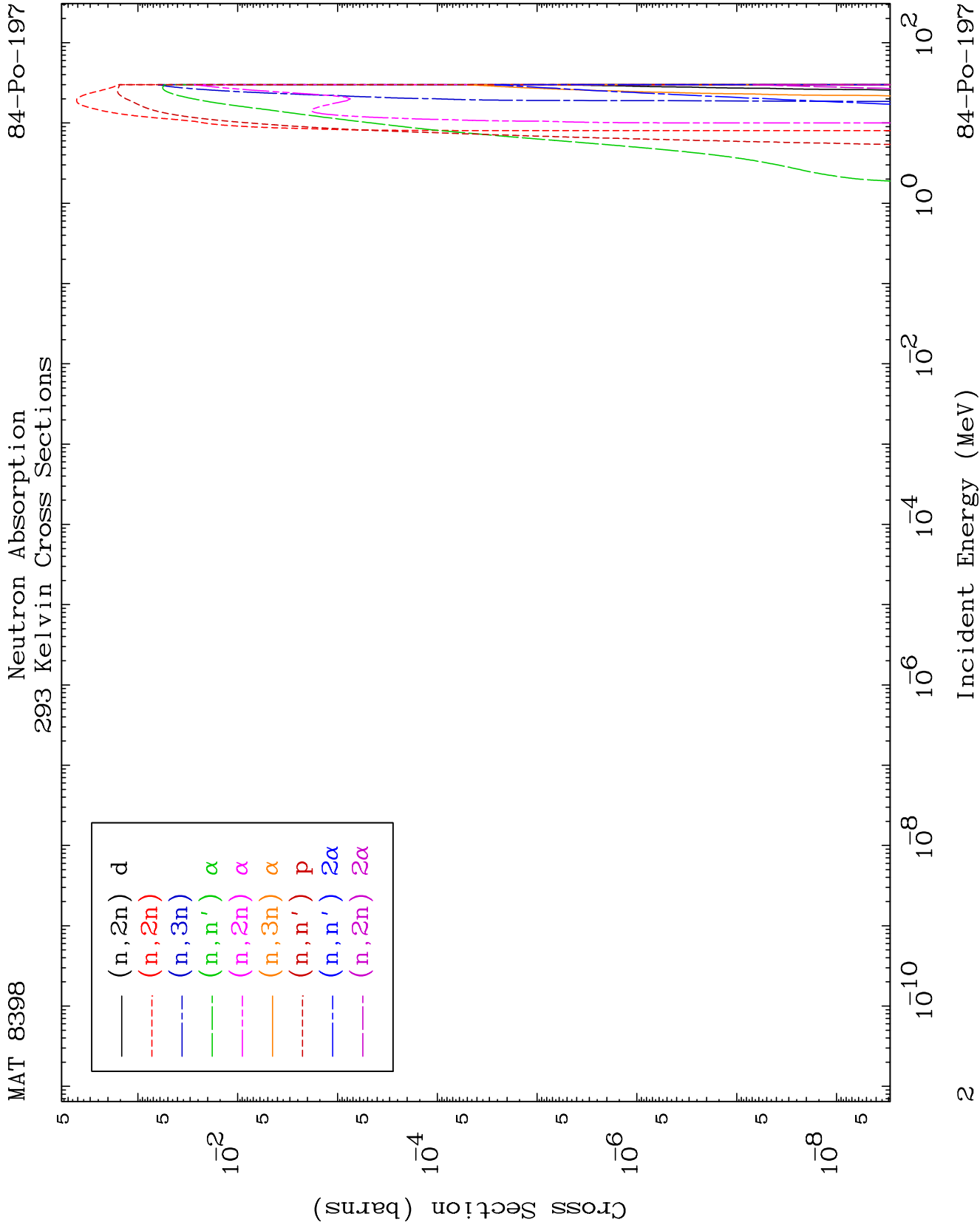
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

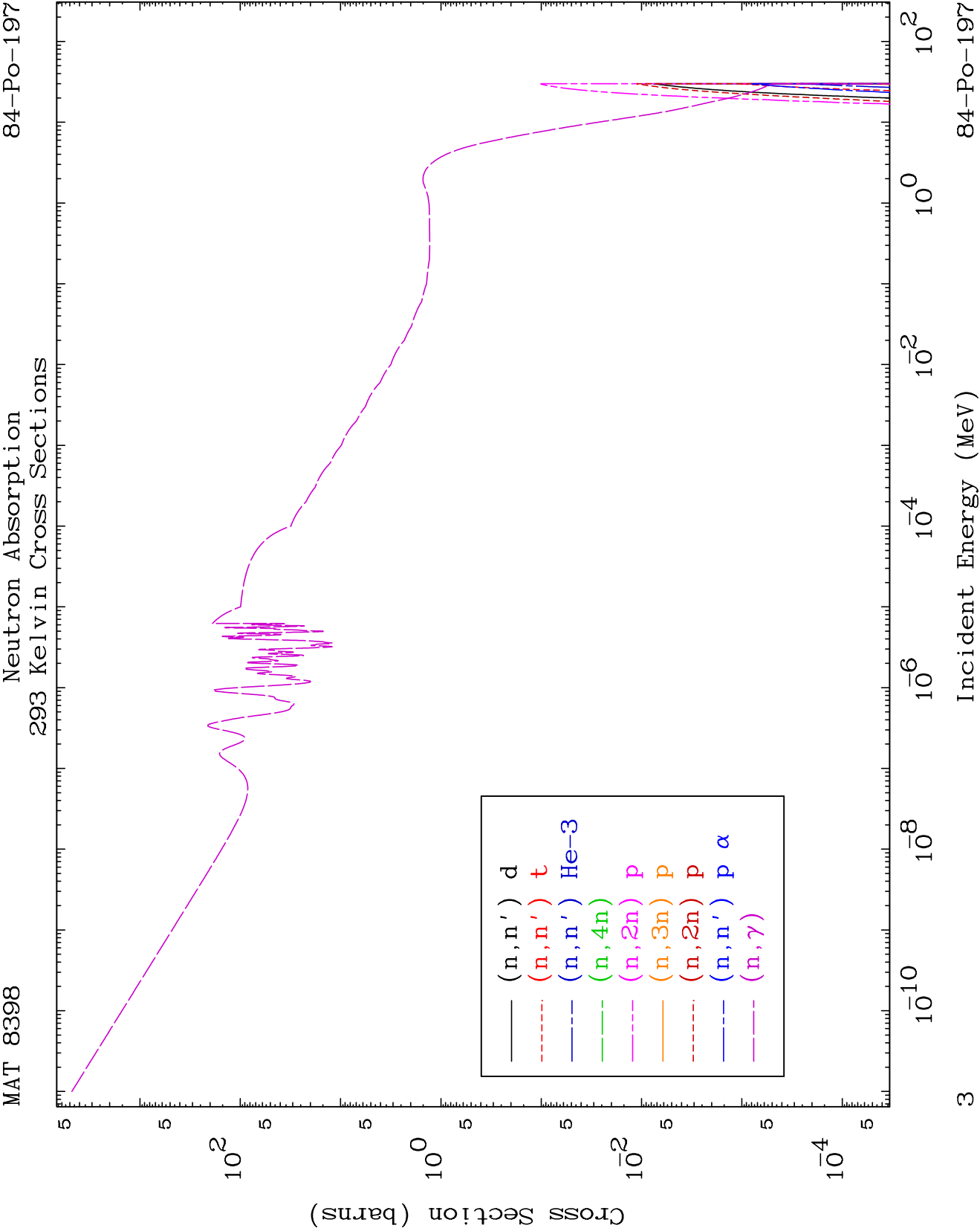
Tele: 925-443-1911

E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start



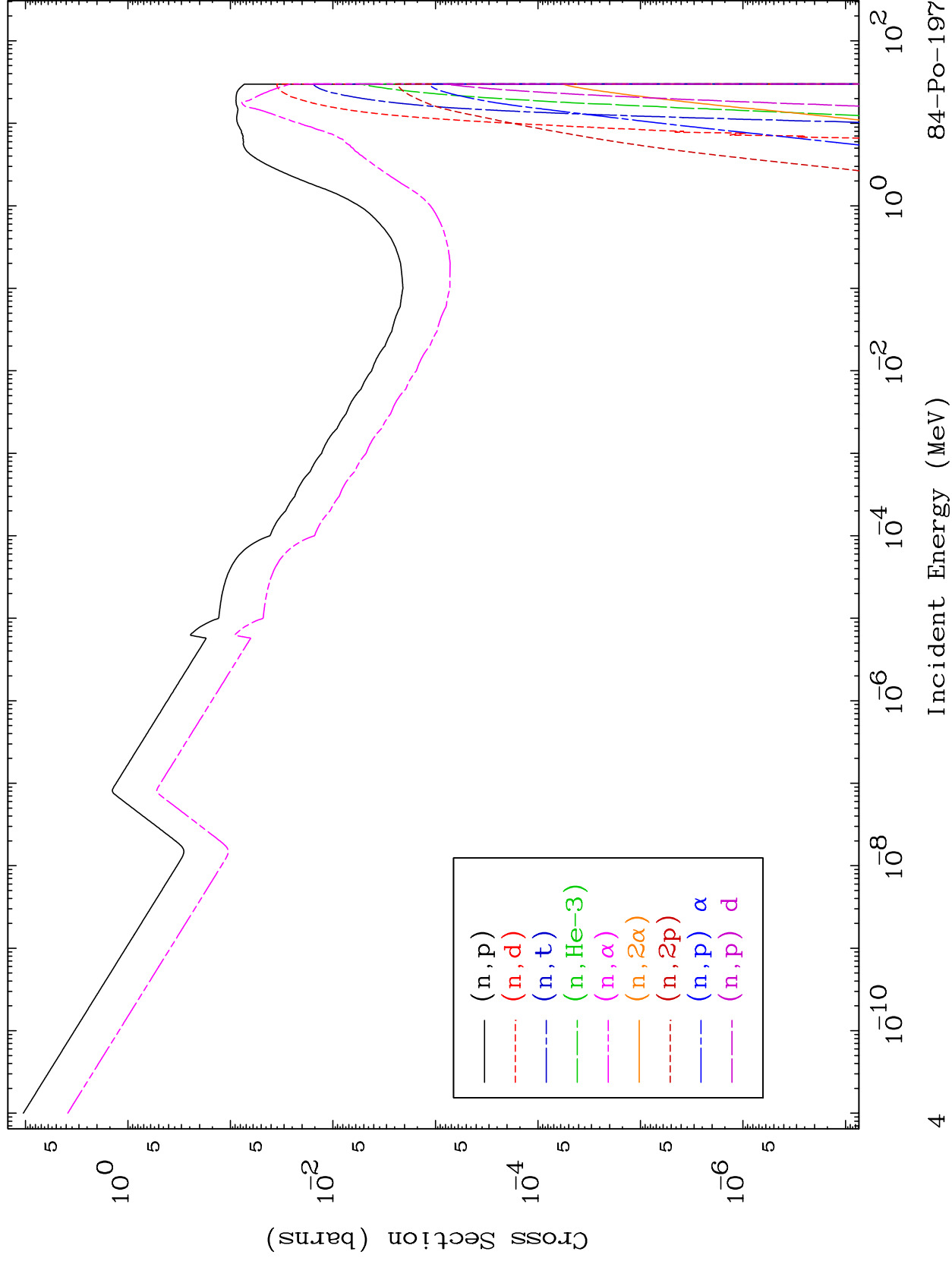




MAT 8398

Neutron Absorption  
293 Kelvin Cross Sections

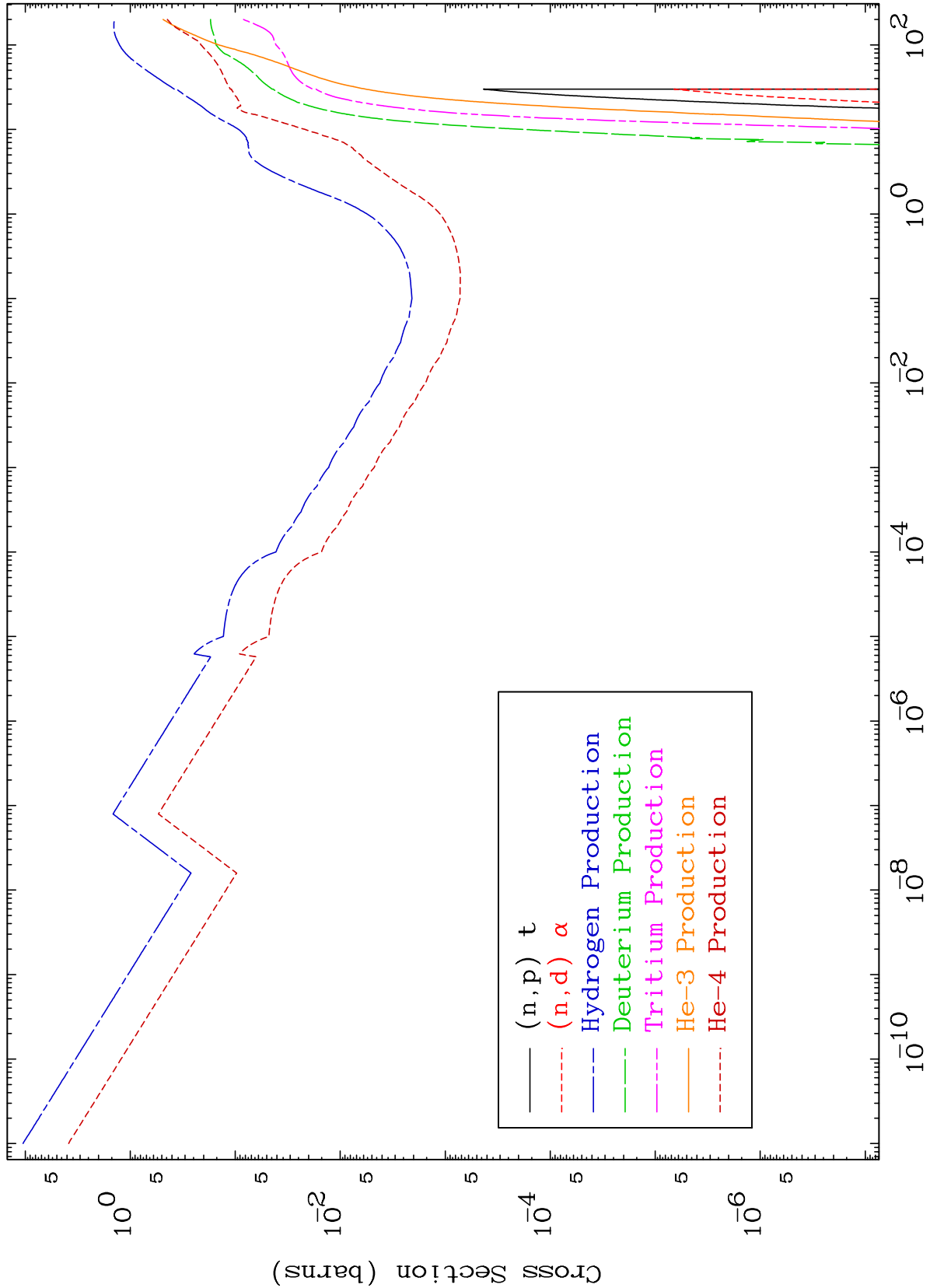
84-Po-197



MAT 8398

Neutron Absorption  
293 Kelvin Cross Sections

84-Po-197



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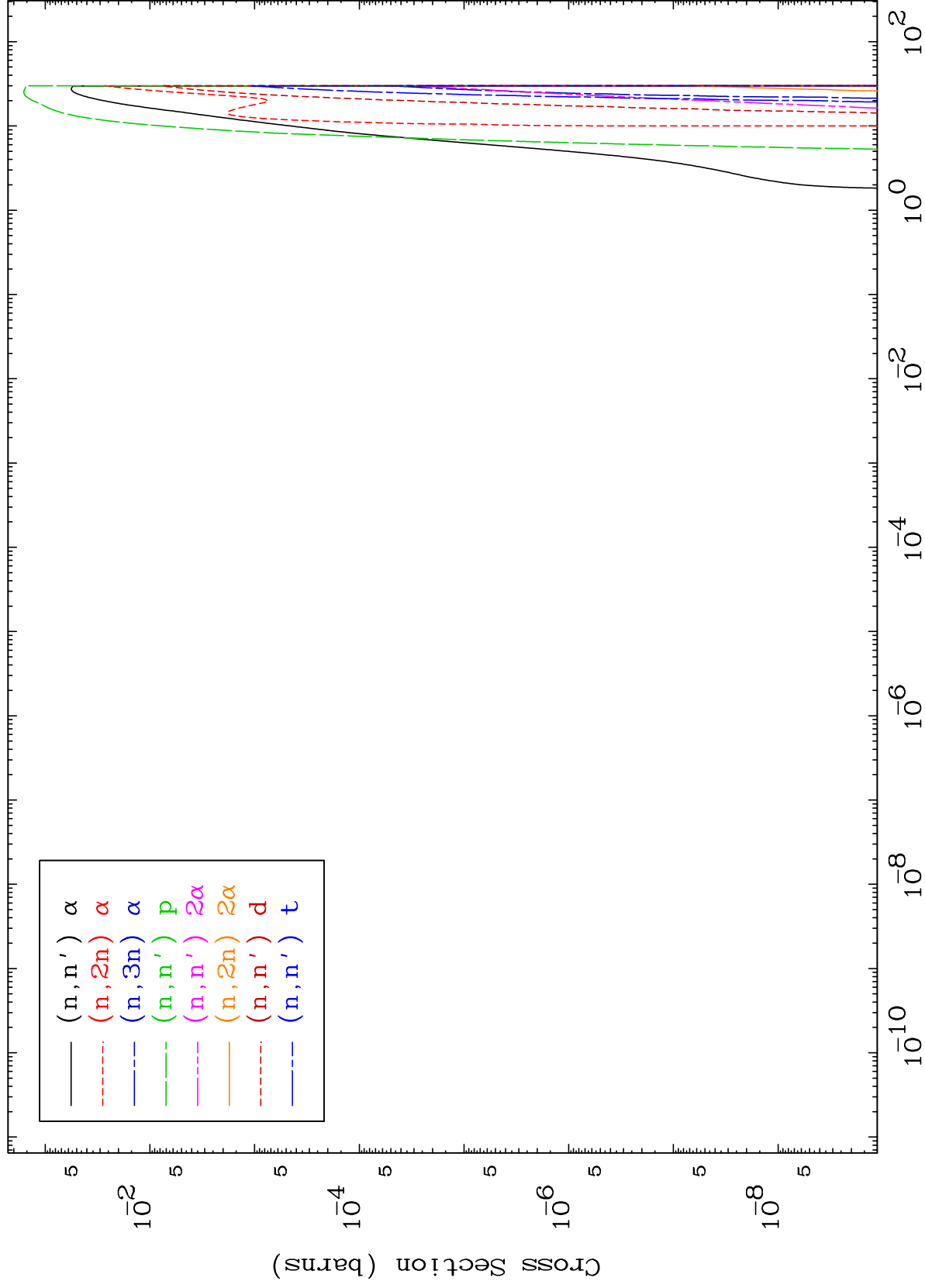
Incident Energy (MeV)

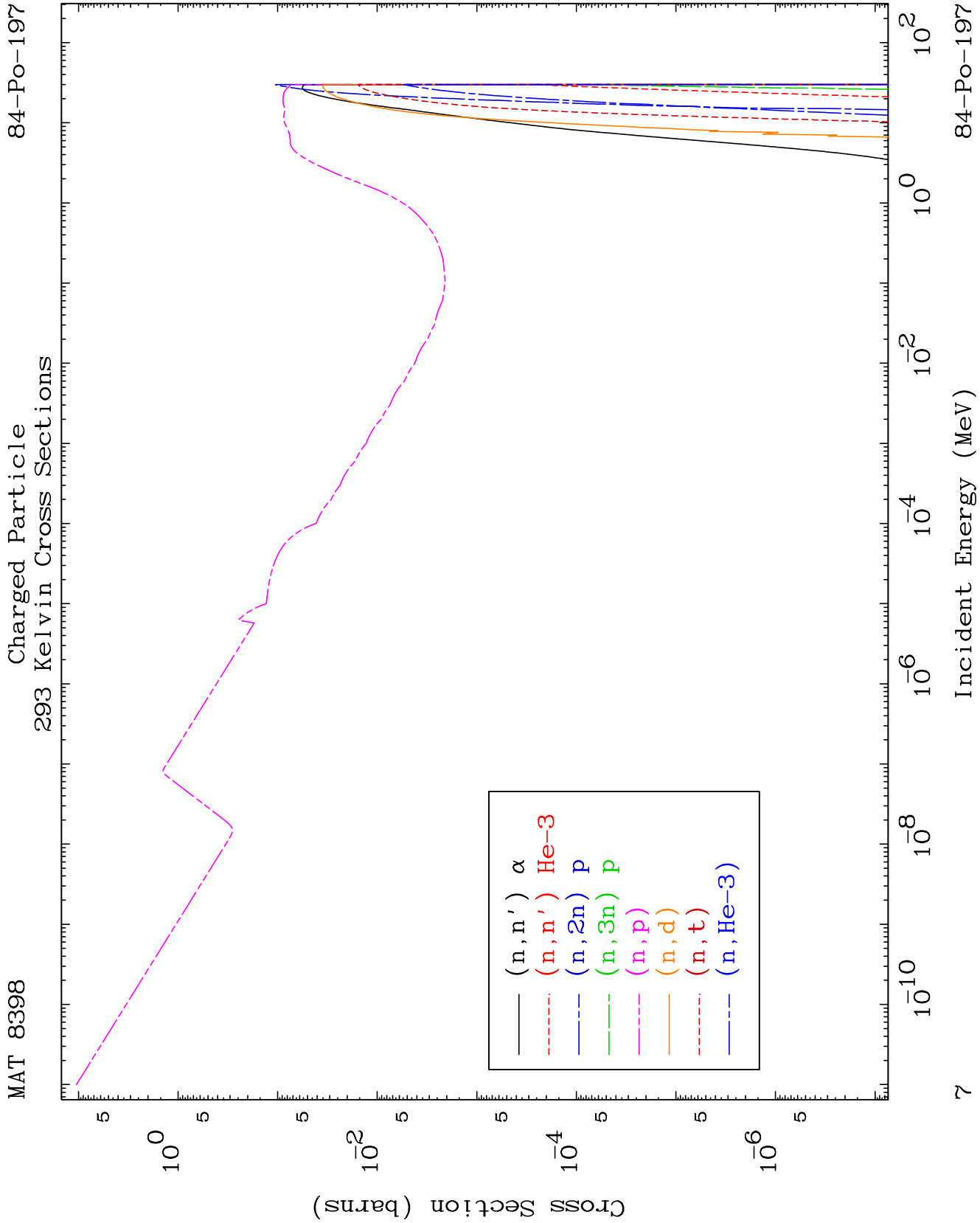
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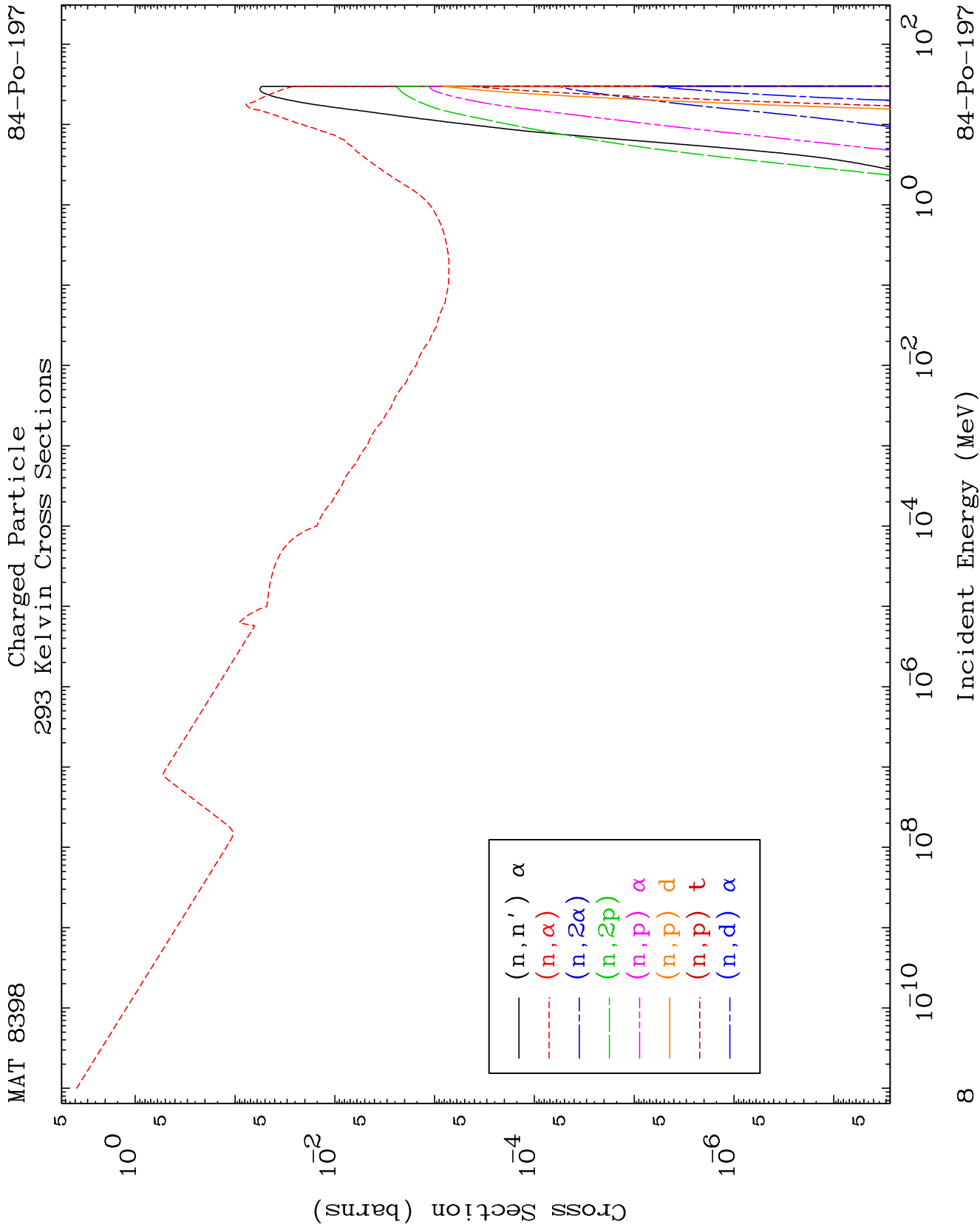
MAT 8398

Charged Particle  
293 Kelvin Cross Sections

84-Po-197



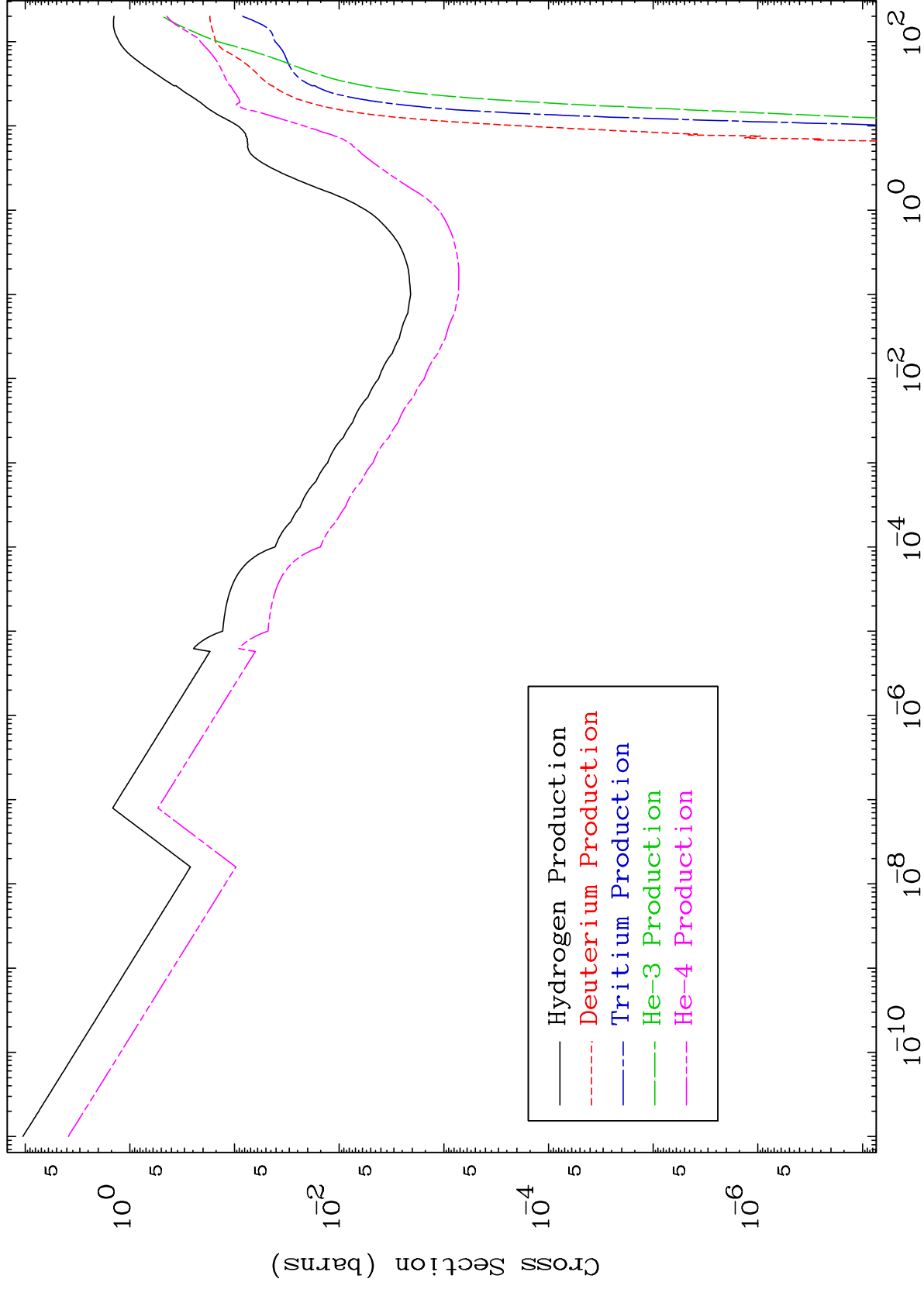




MAT 8398

Particle Production  
293 Kelvin Cross Sections

84-Po-197

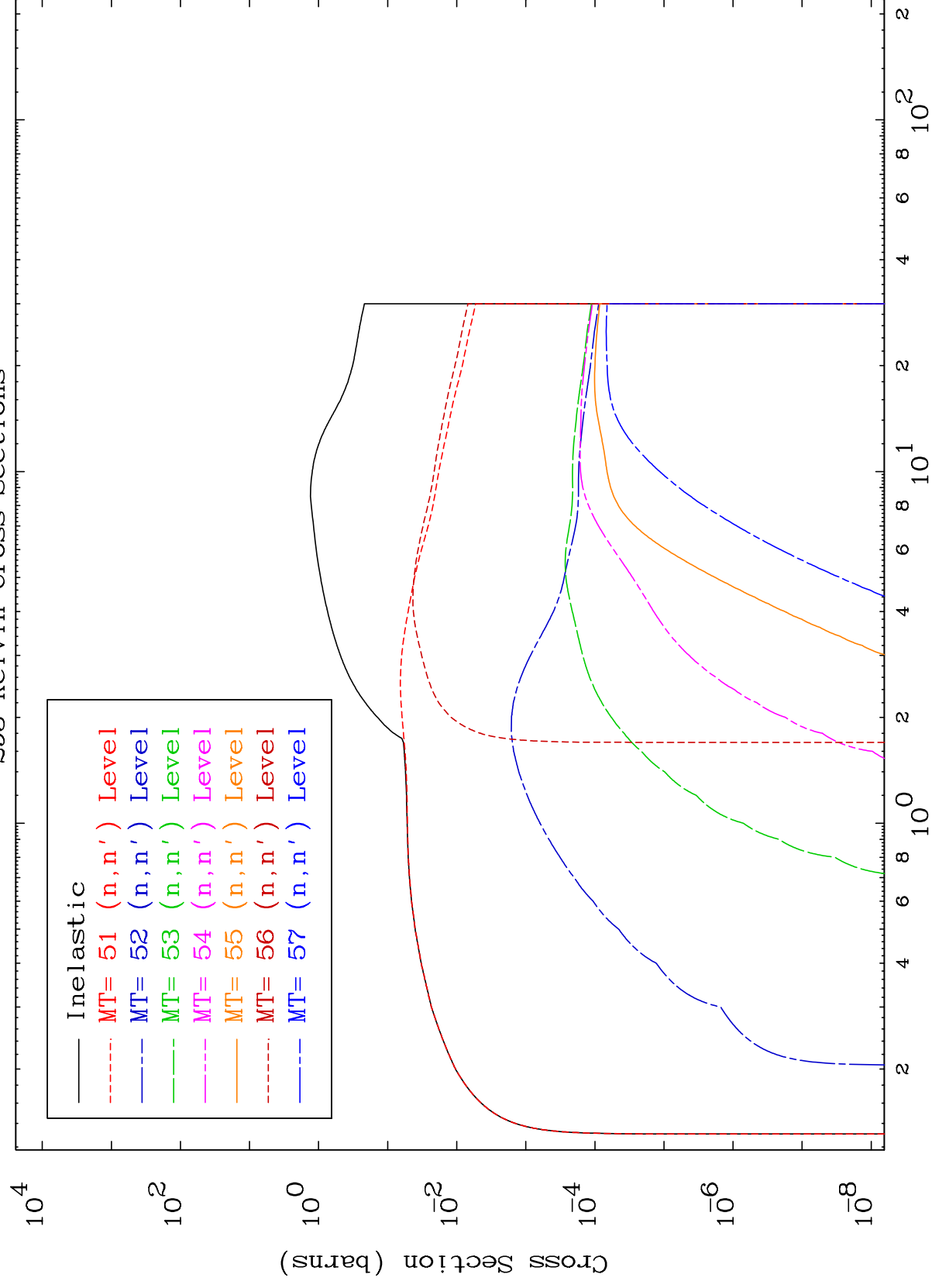


MAT 8398

84-Po-197

(n, n') Levels  
293 Kelvin Cross Sections

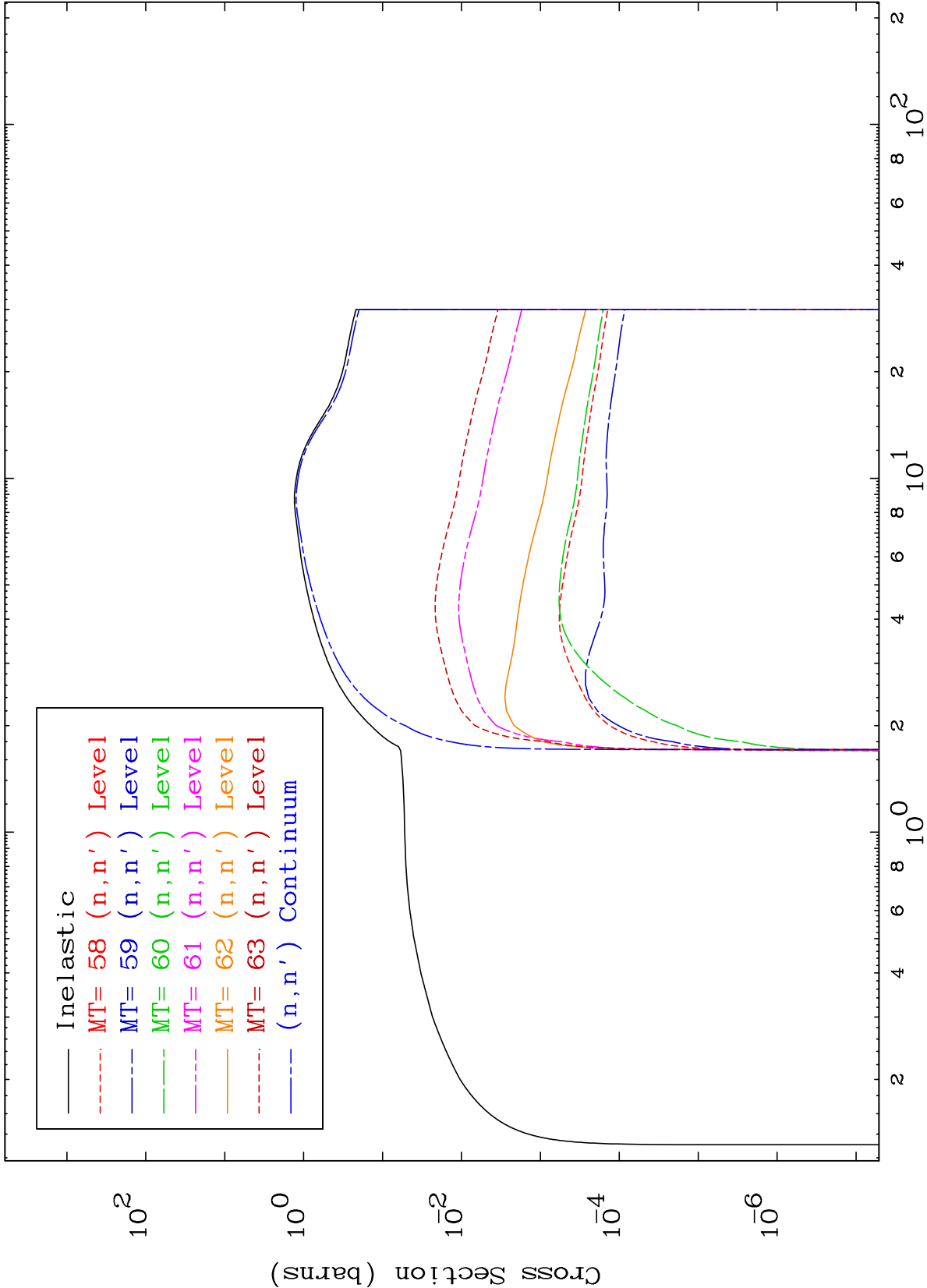
$(n, n')$  Levels

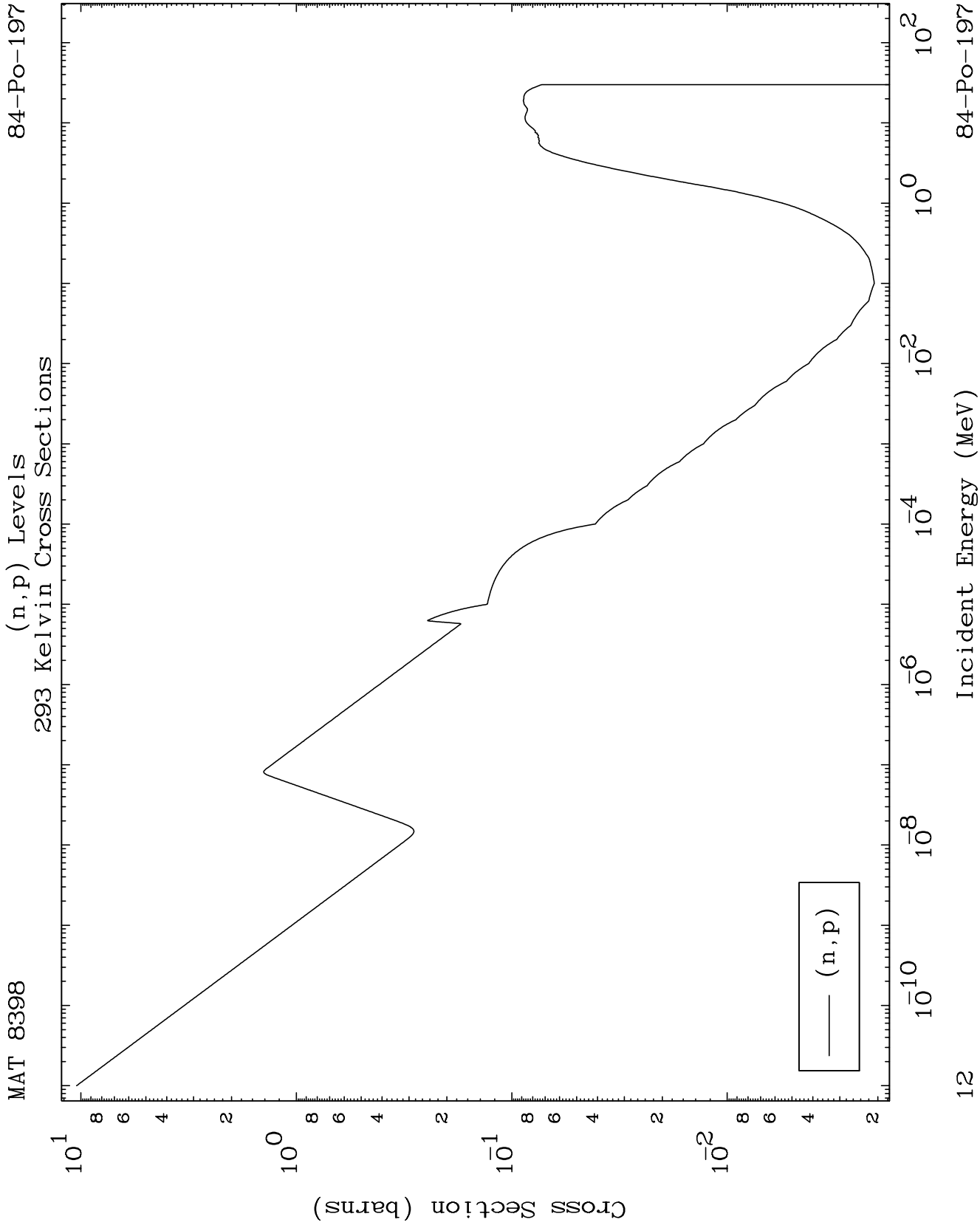


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Incident Energy (MeV)

84-Po-197

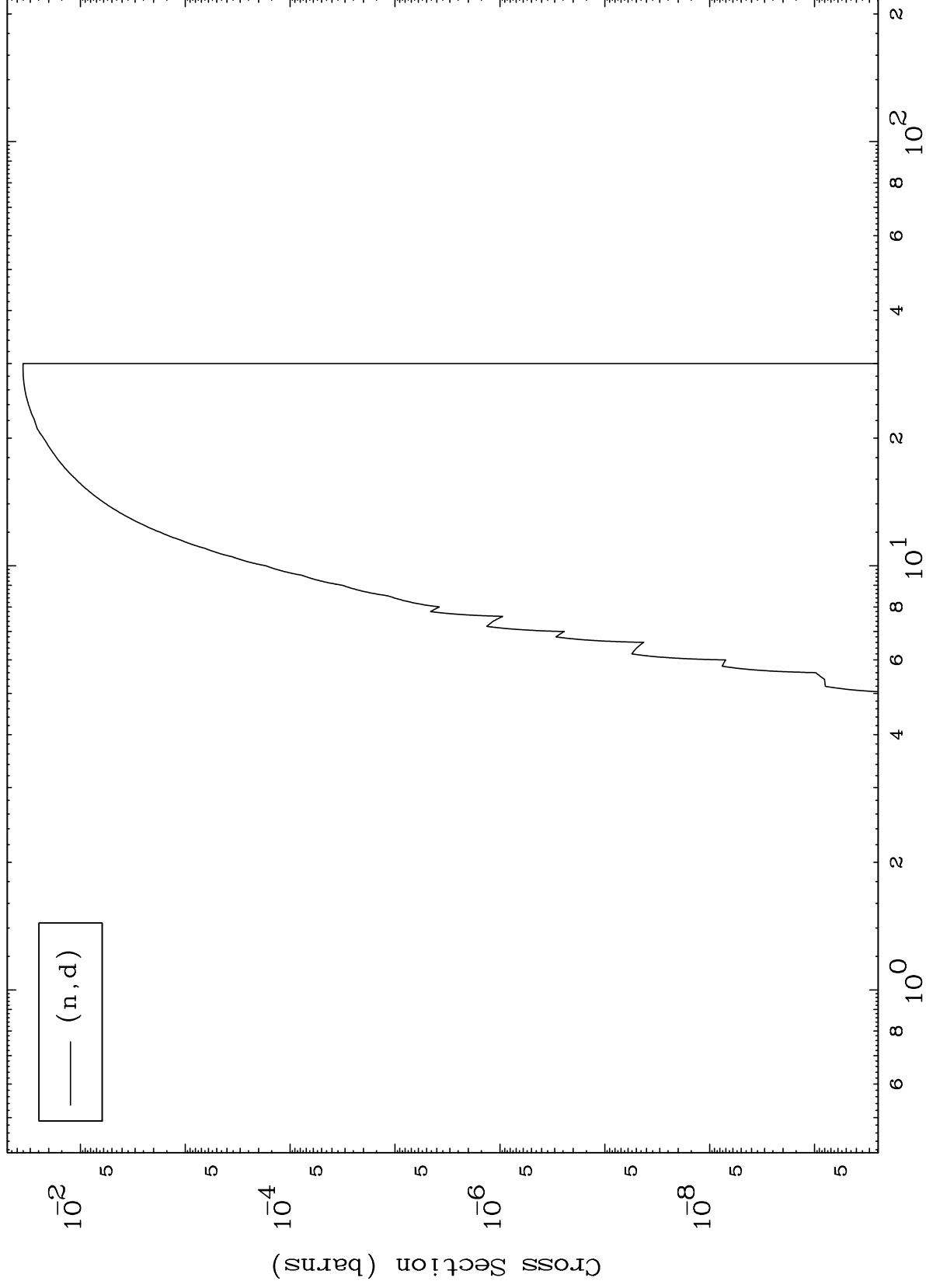




MAT 8398

84-Po-197

(n,d) Levels  
293 Kelvin Cross Sections



13

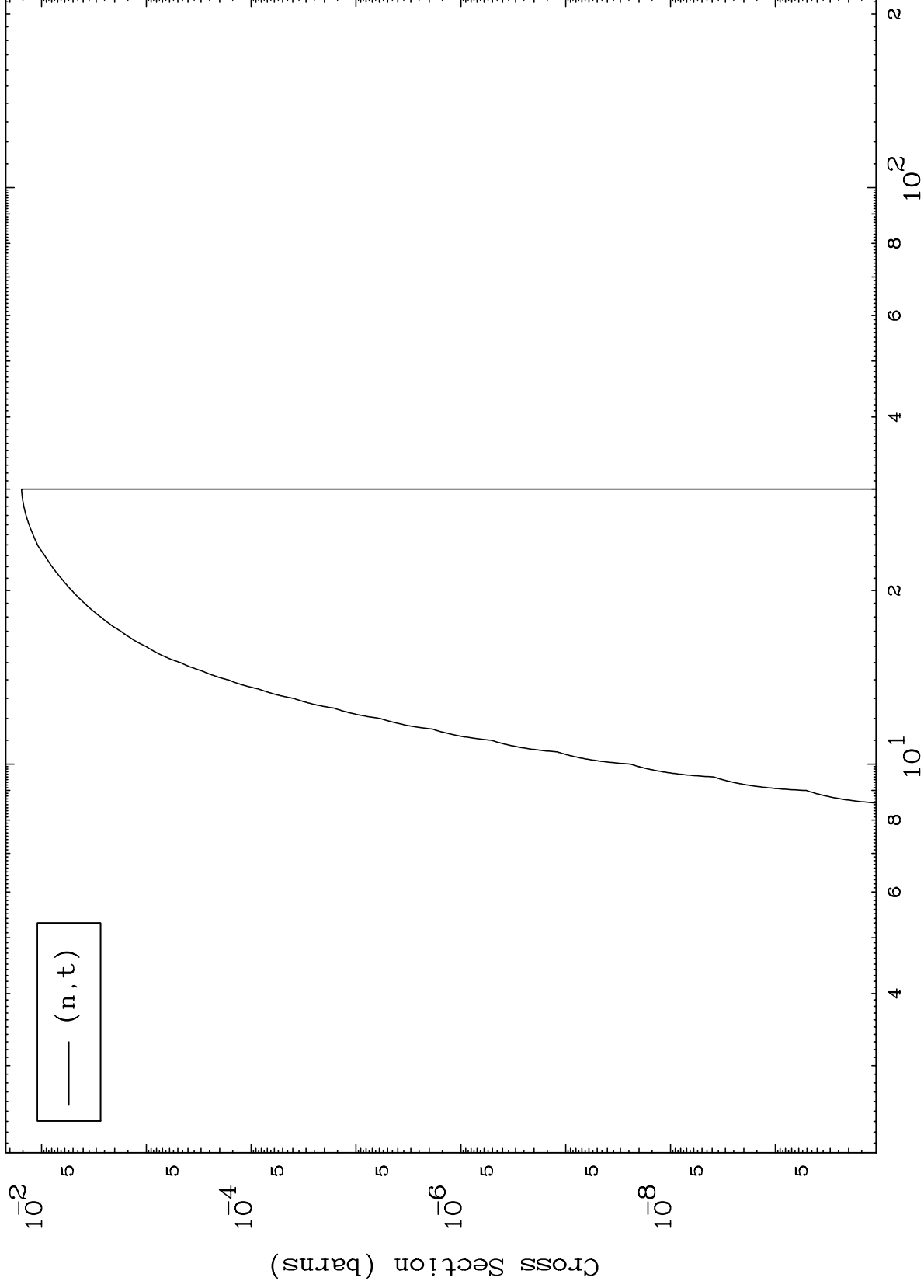
Incident Energy (MeV)

84-Po-197

MAT 8398

84-Po-197

(n,t) Levels  
293 Kelvin Cross Sections



14

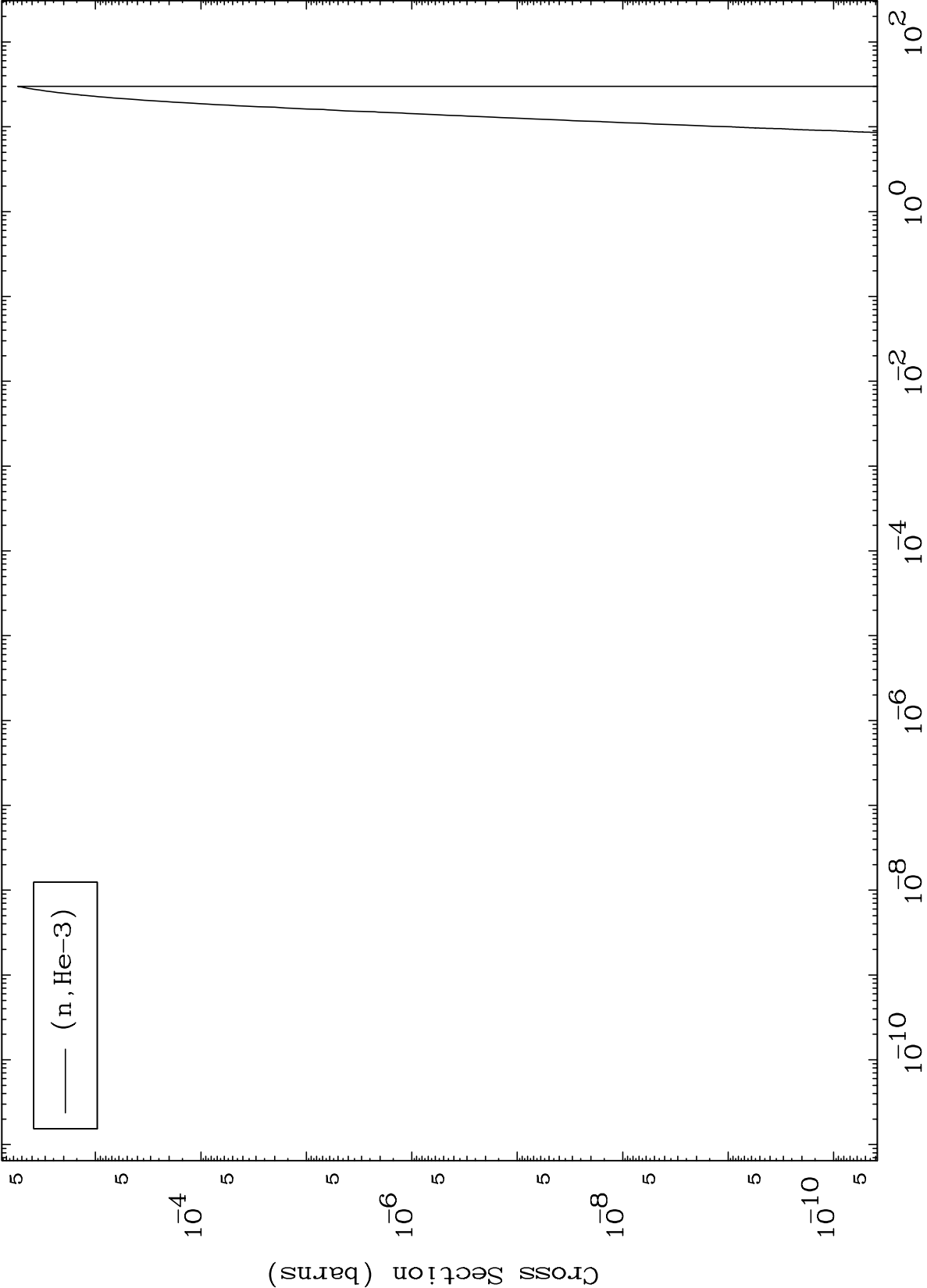
Incident Energy (MeV)

84-Po-197

MAT 8398

(n,He3) Levels  
293 Kelvin Cross Sections

84-Po-197



15

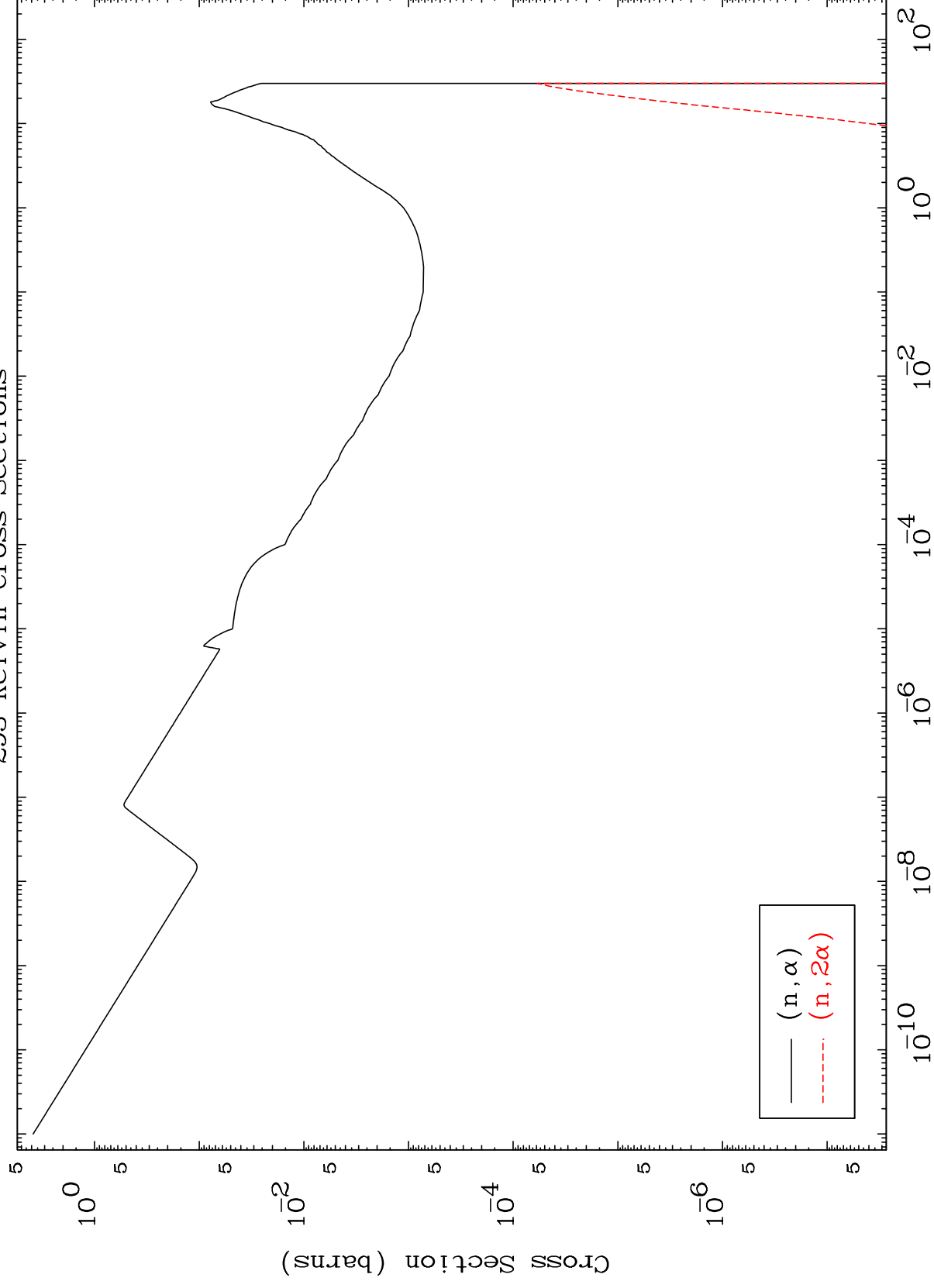
Incident Energy (MeV)

84-Po-197

MAT 8398

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

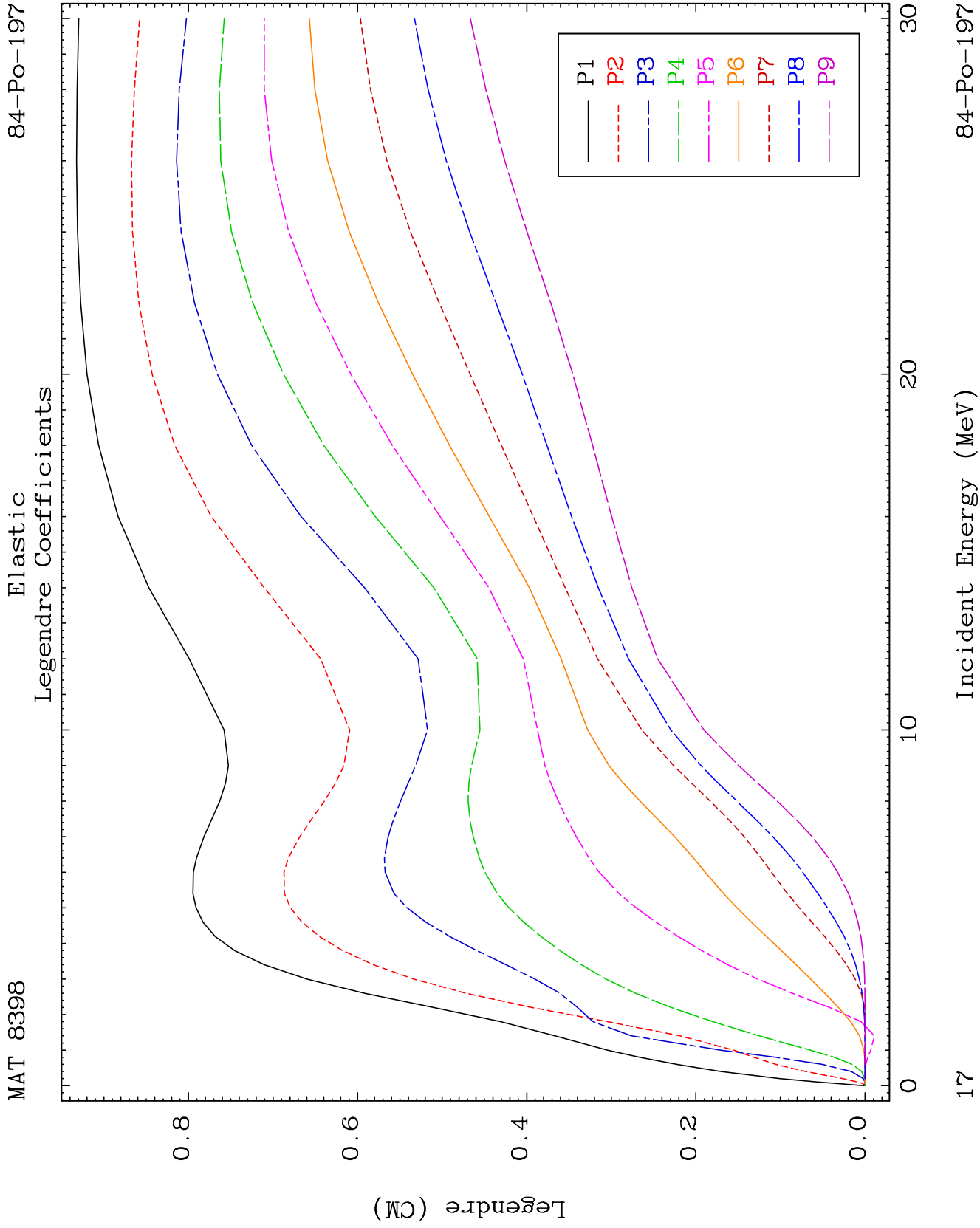
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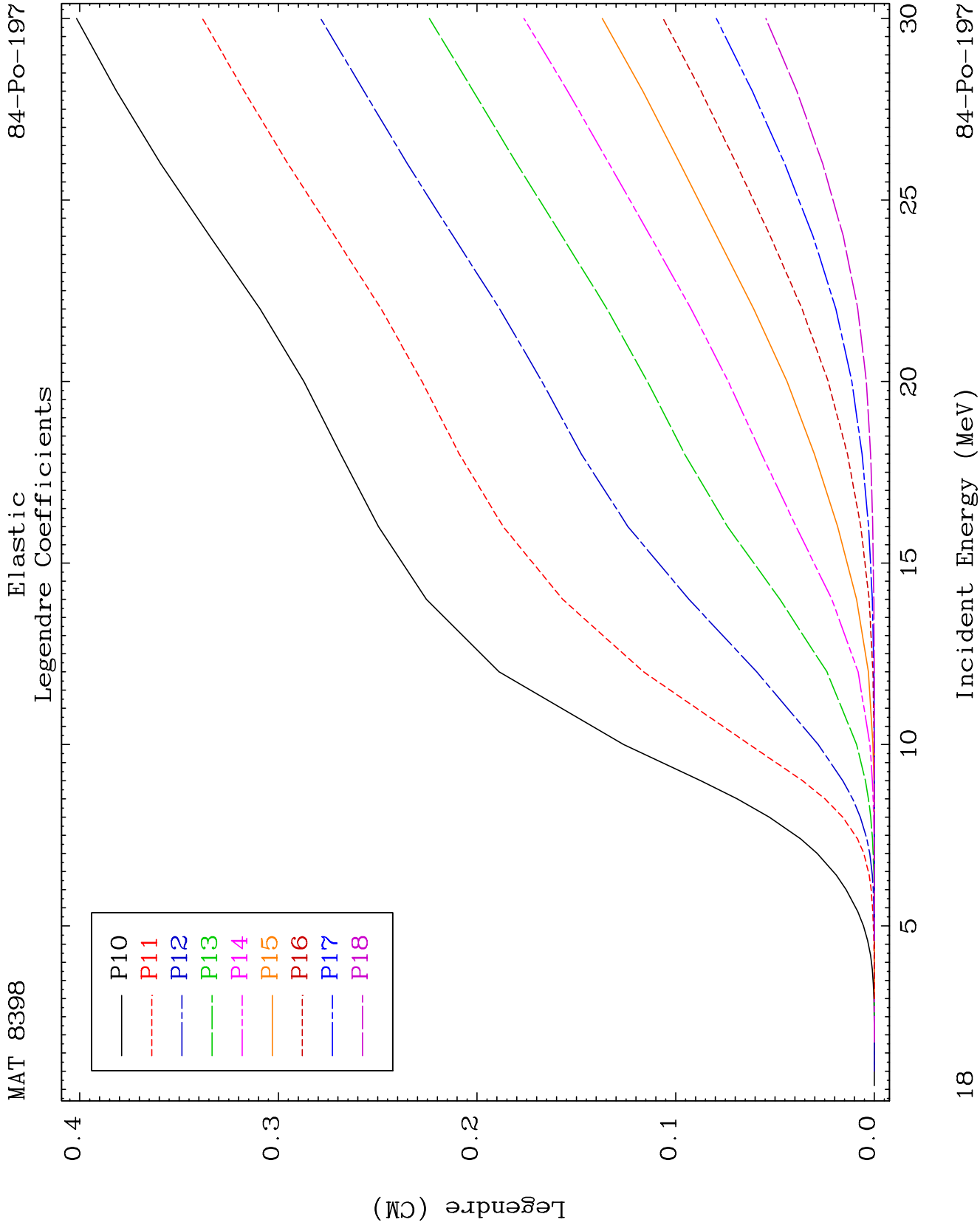


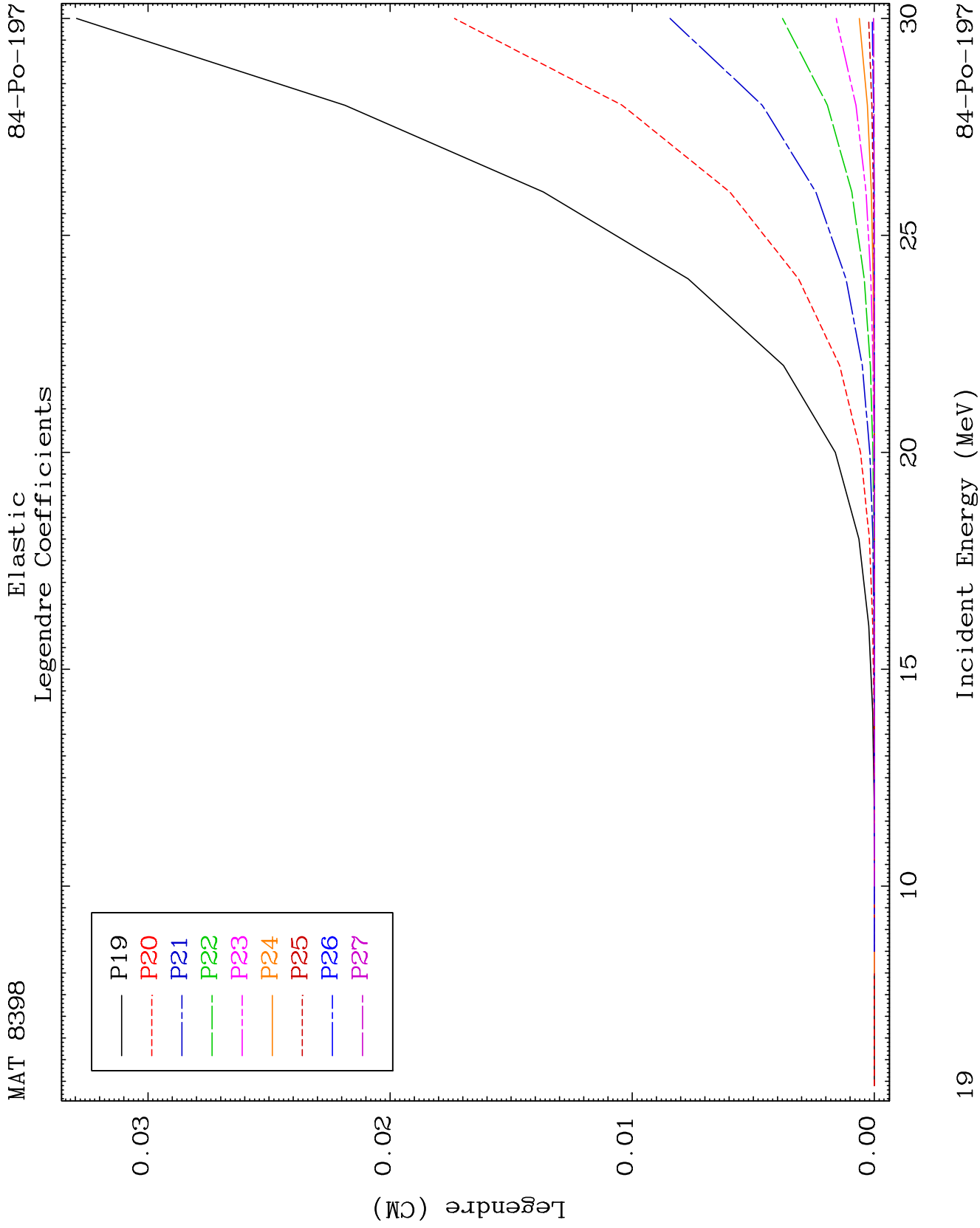
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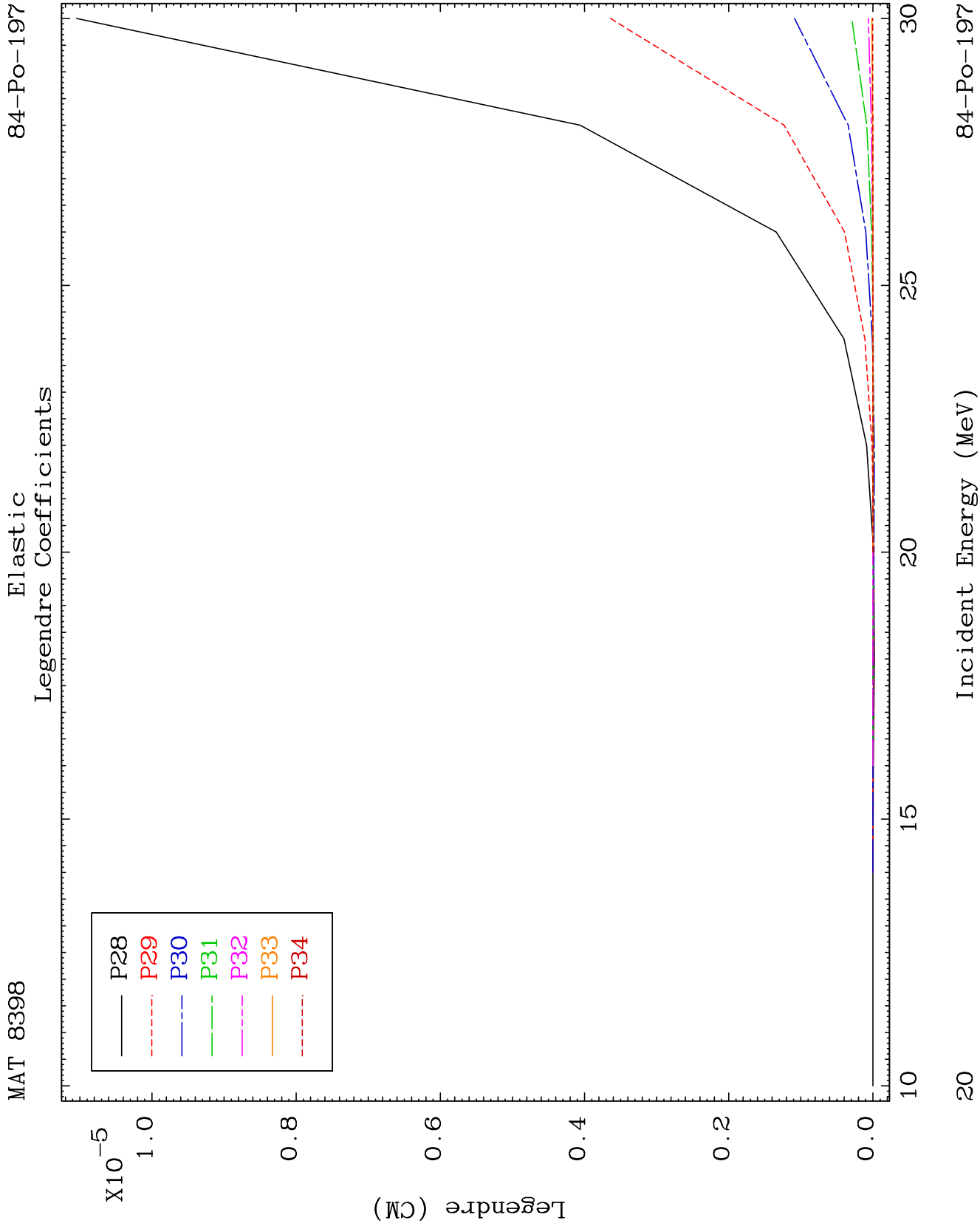
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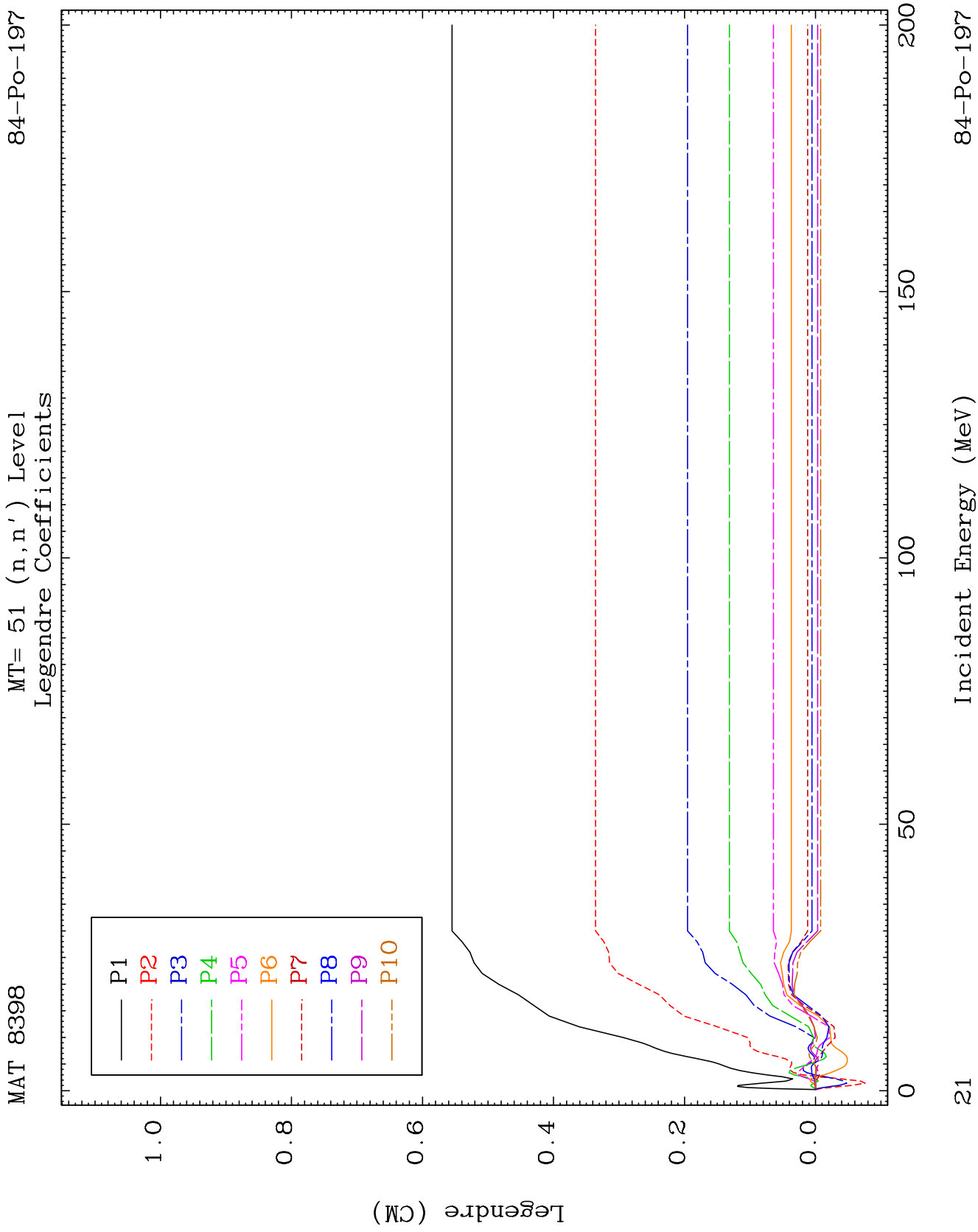
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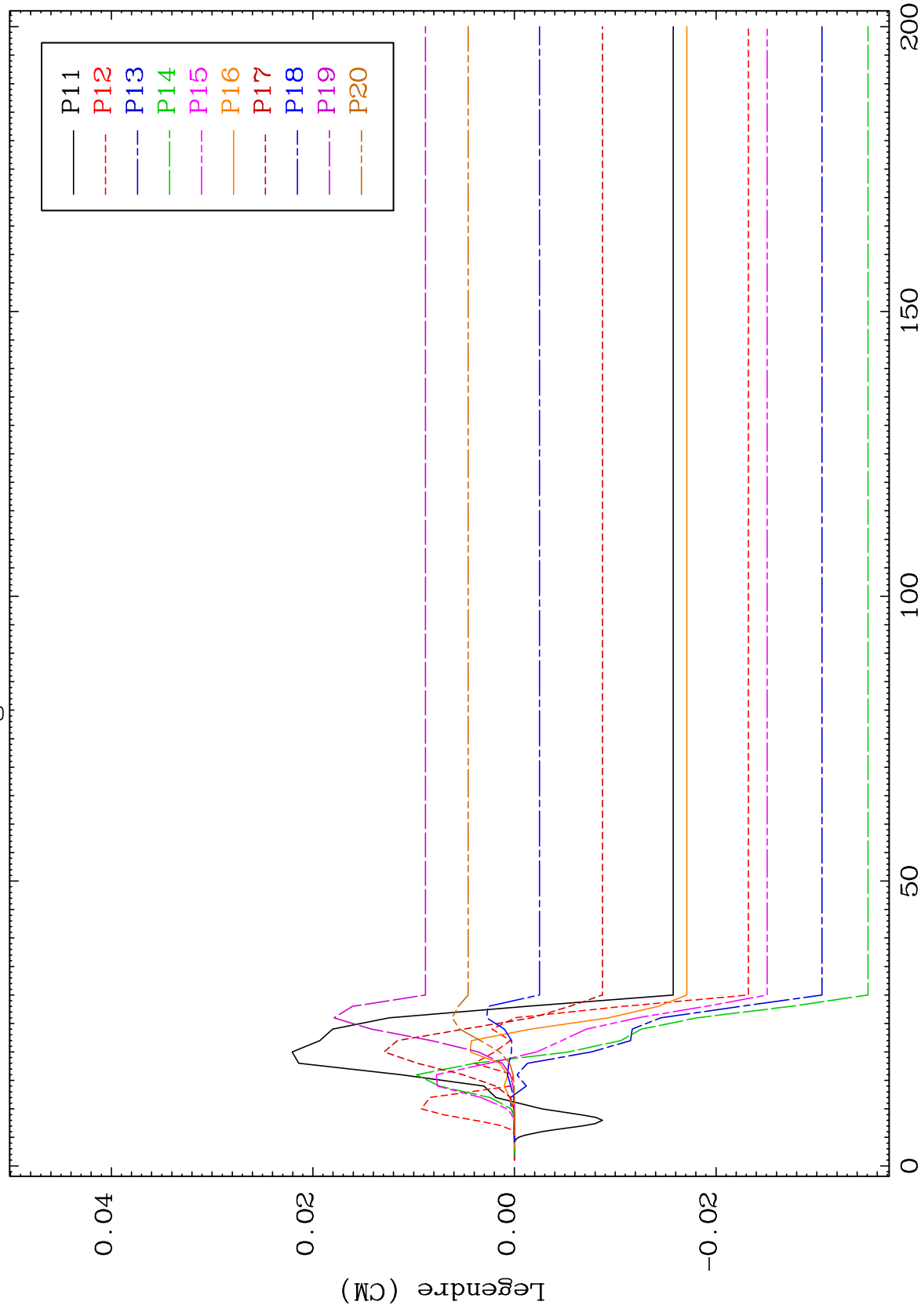




MAT 8398

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

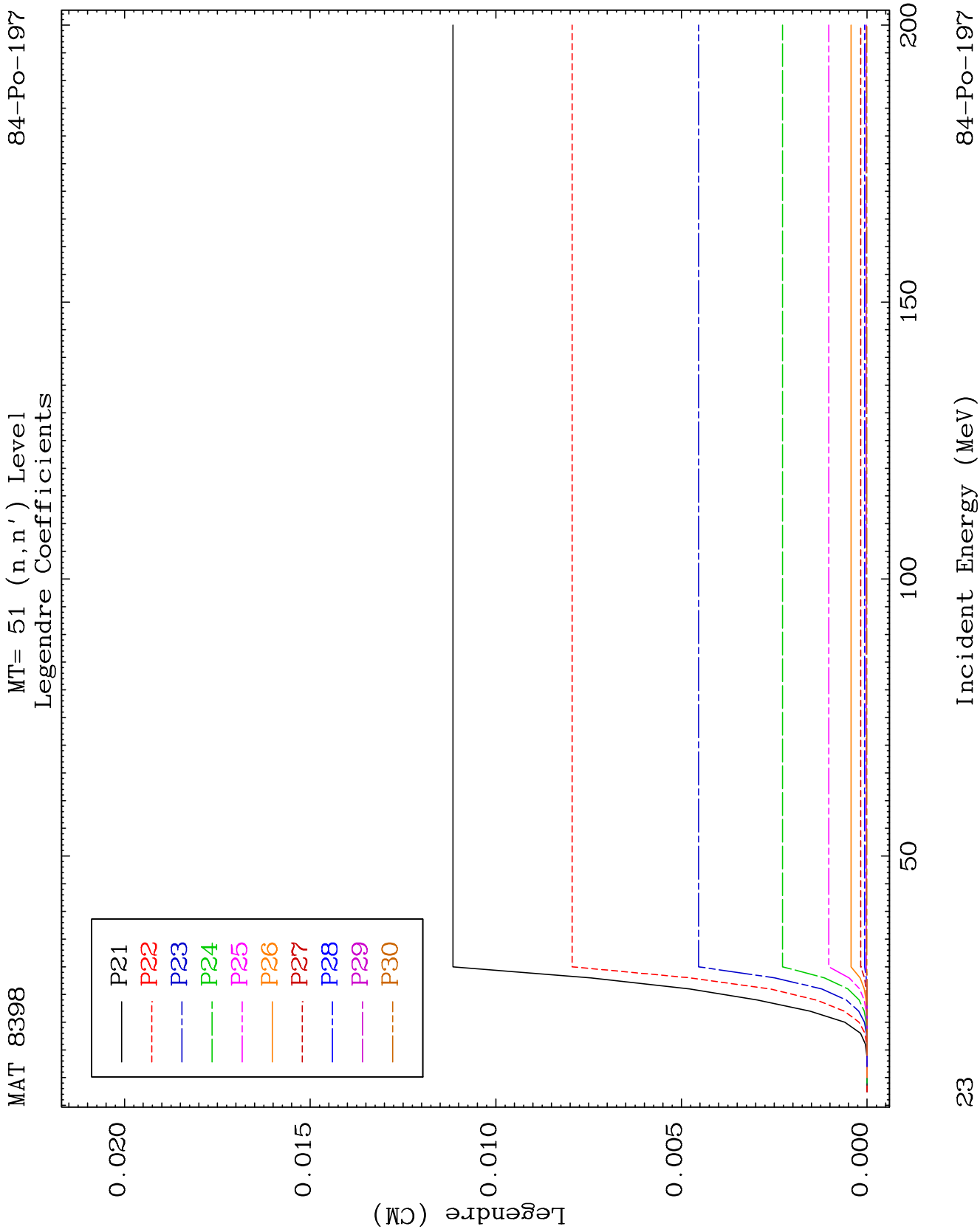
84-Po-197



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Incident Energy (MeV)

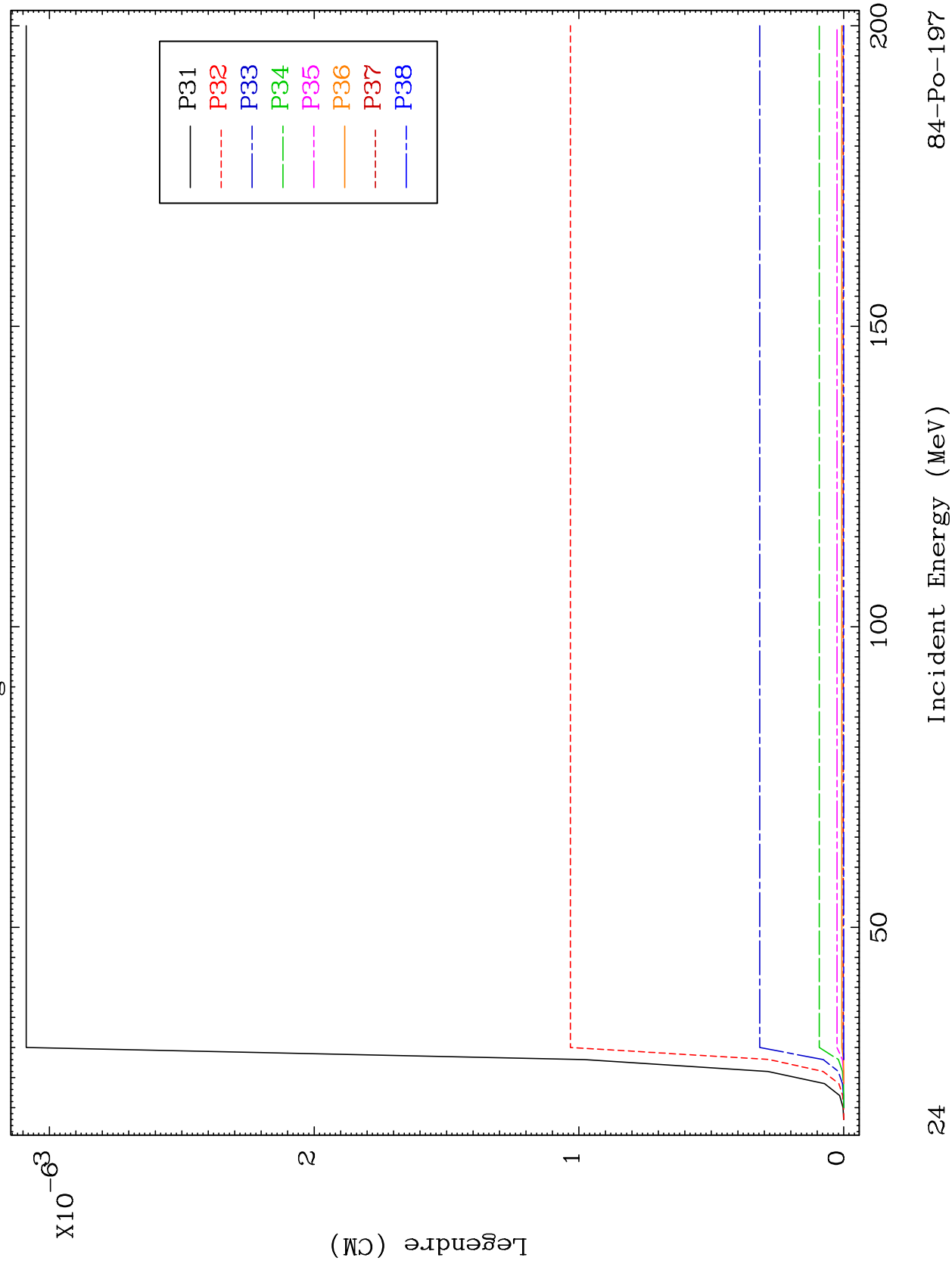
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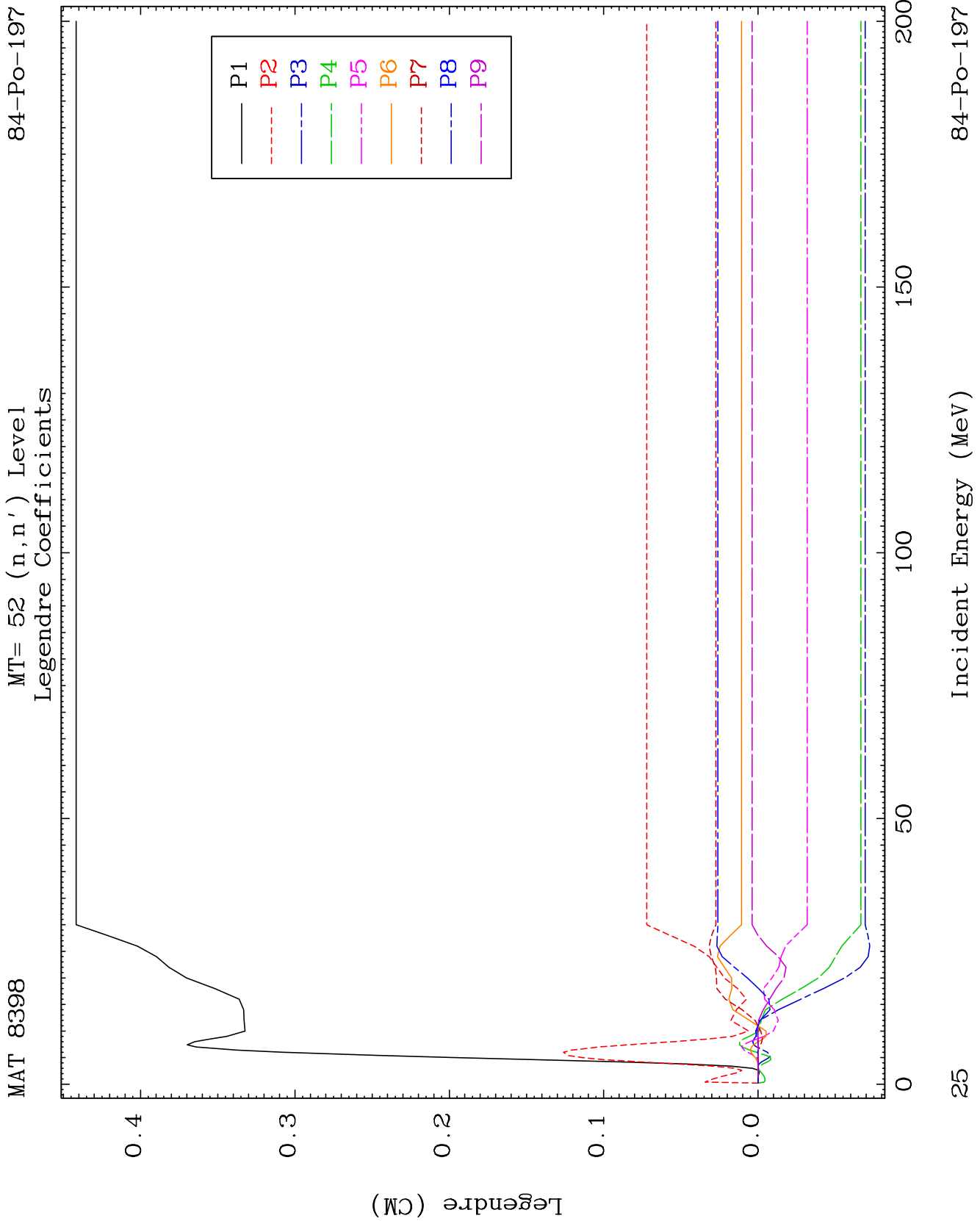


MAT 8398

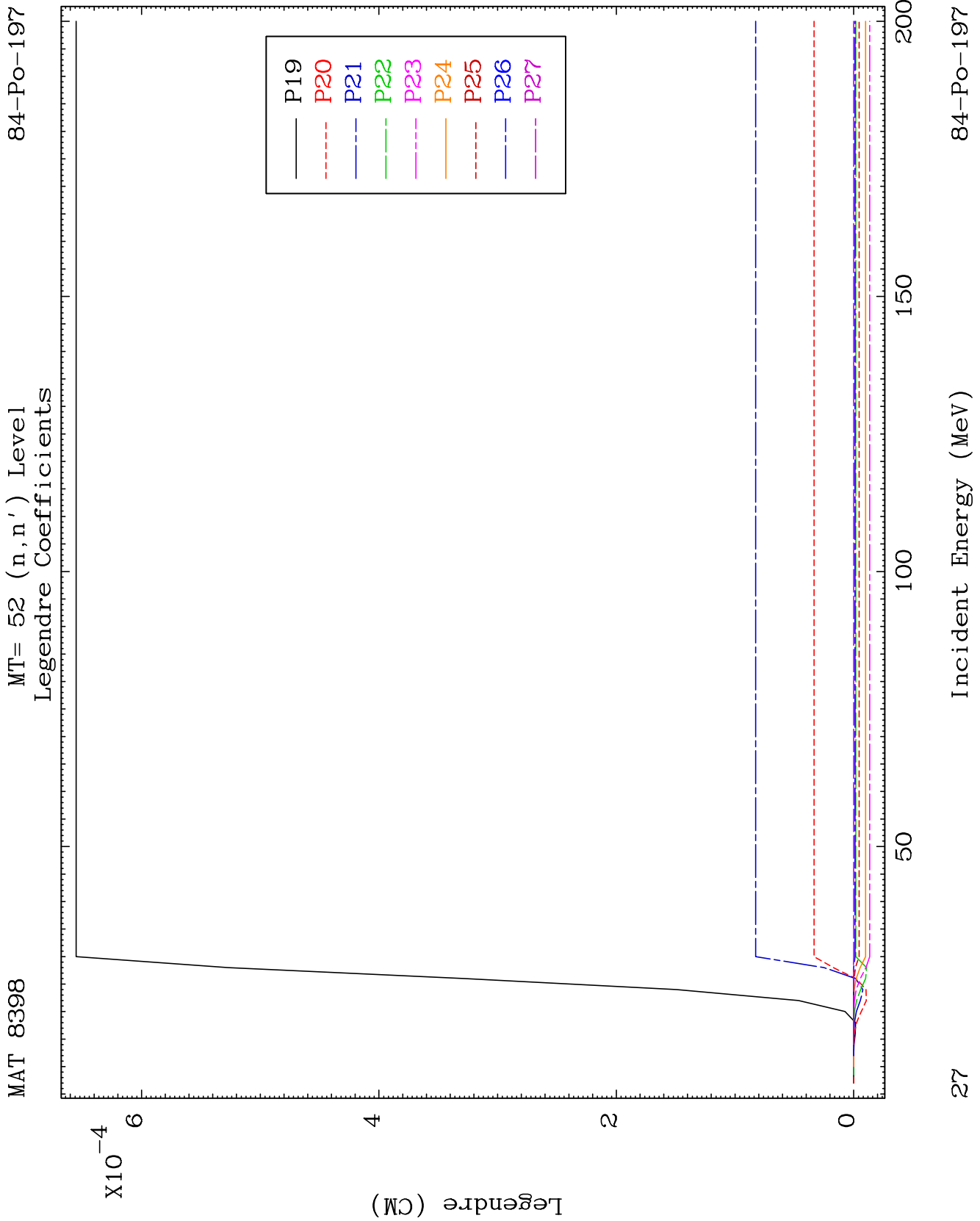
MT= 51 (n, n') Level  
Legendre Coefficients

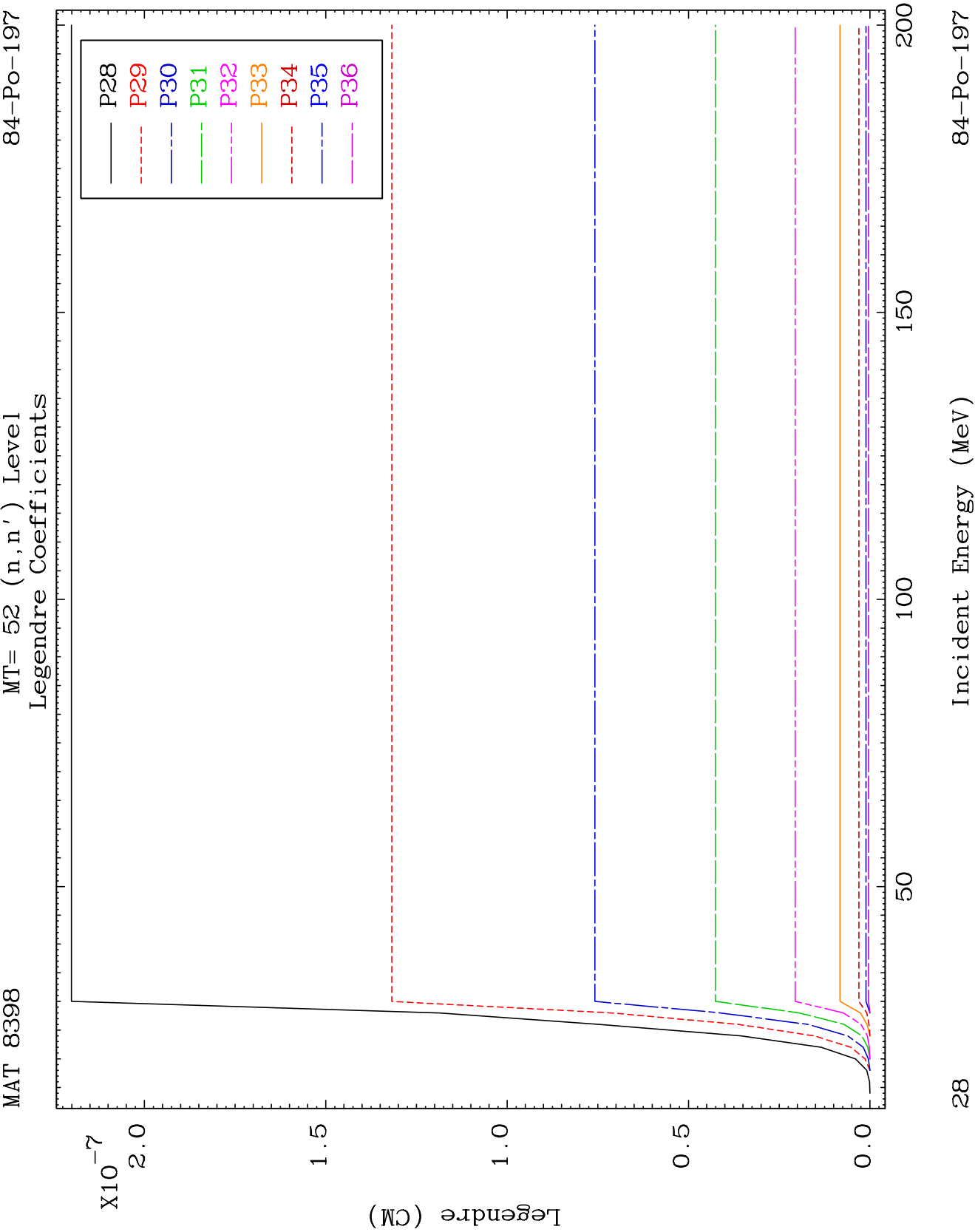
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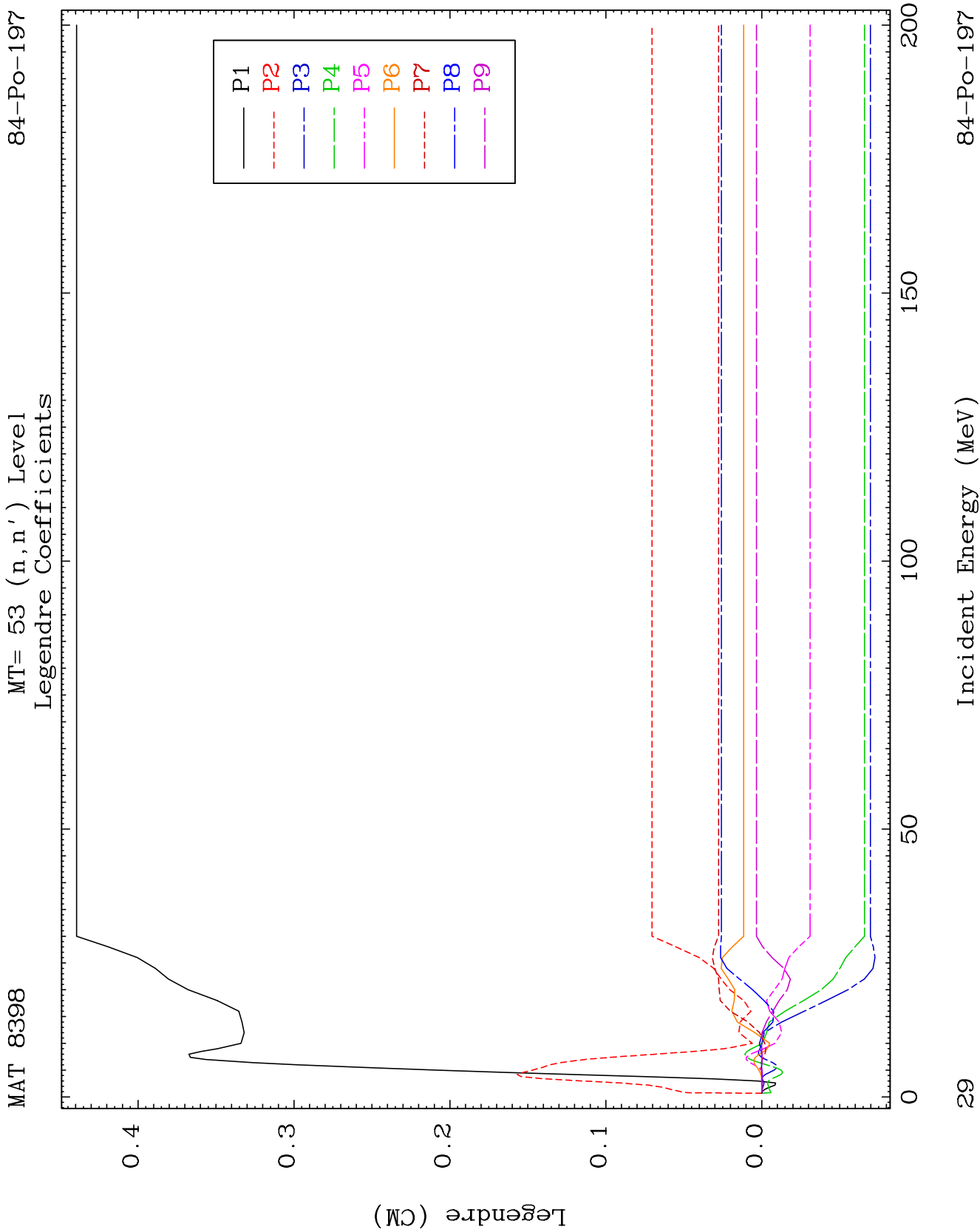








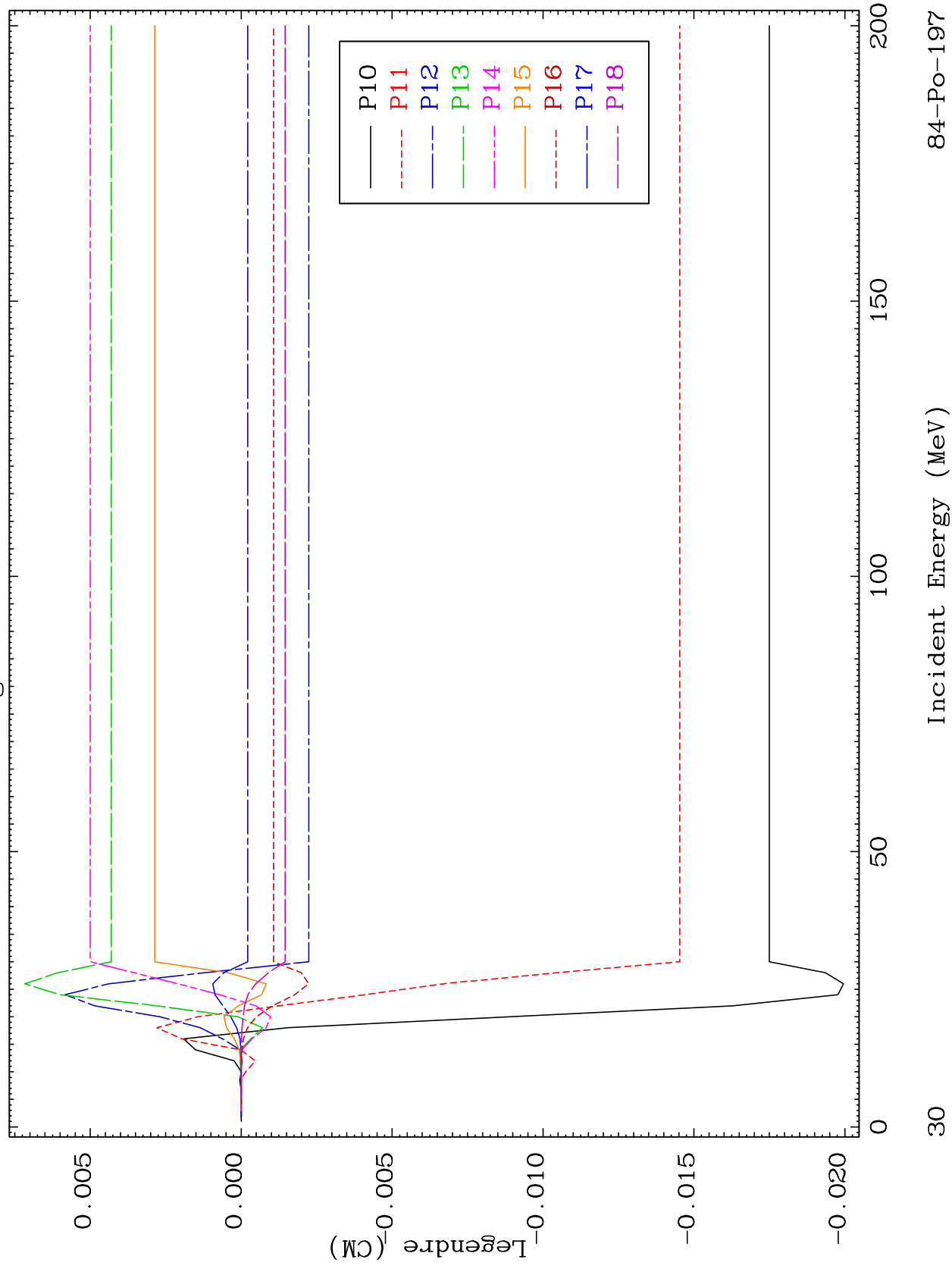


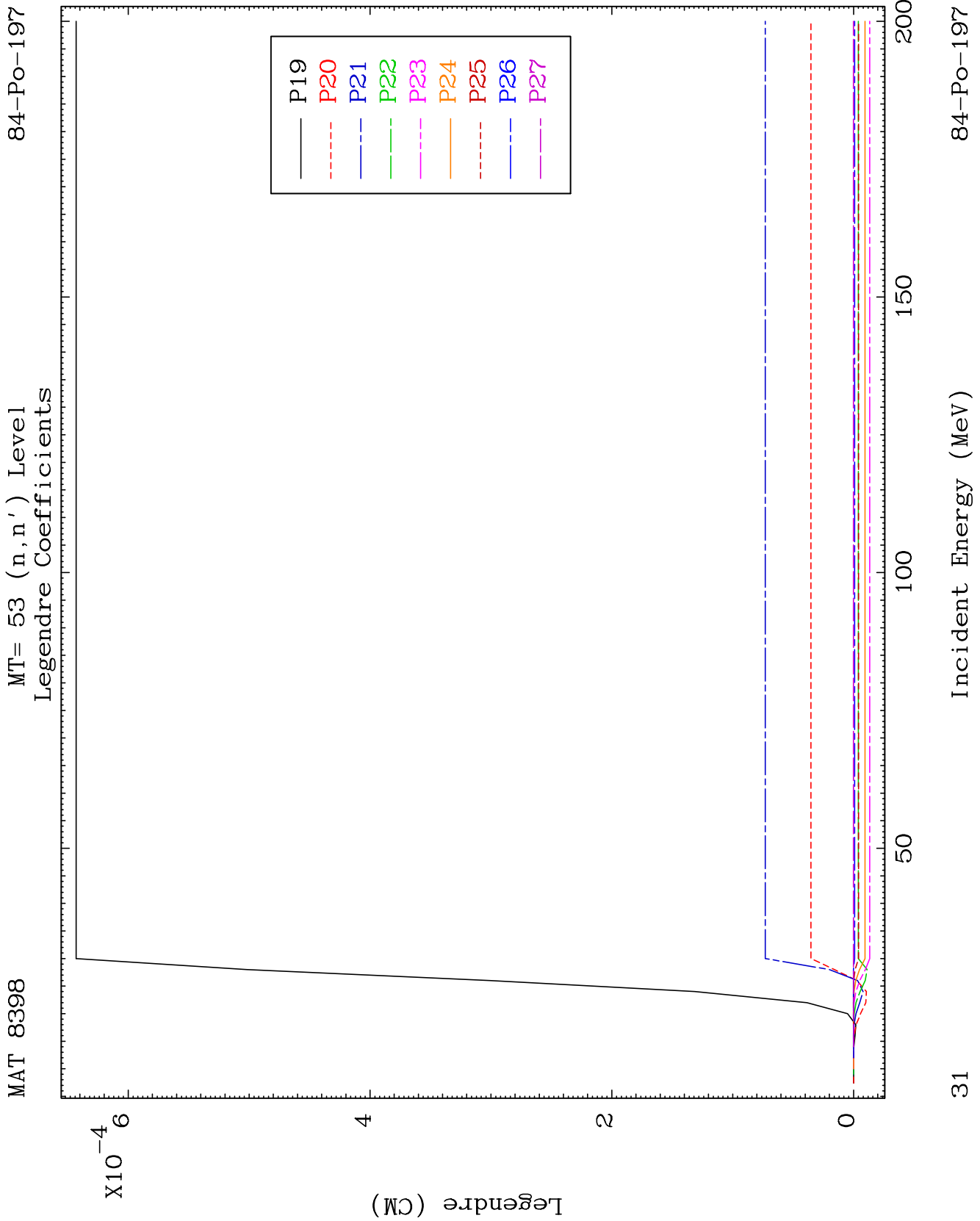


MAT 8398

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

84-Po-197

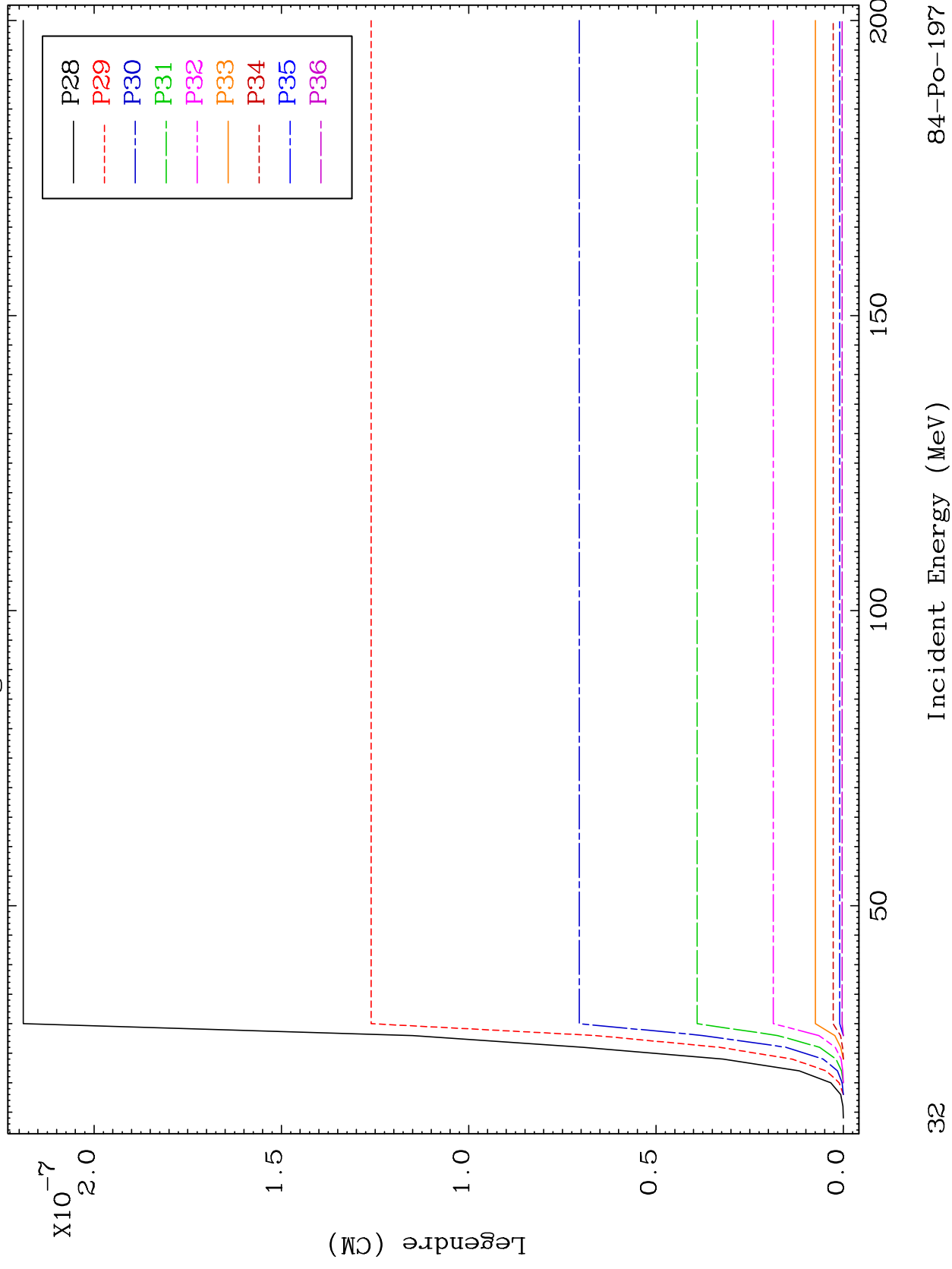


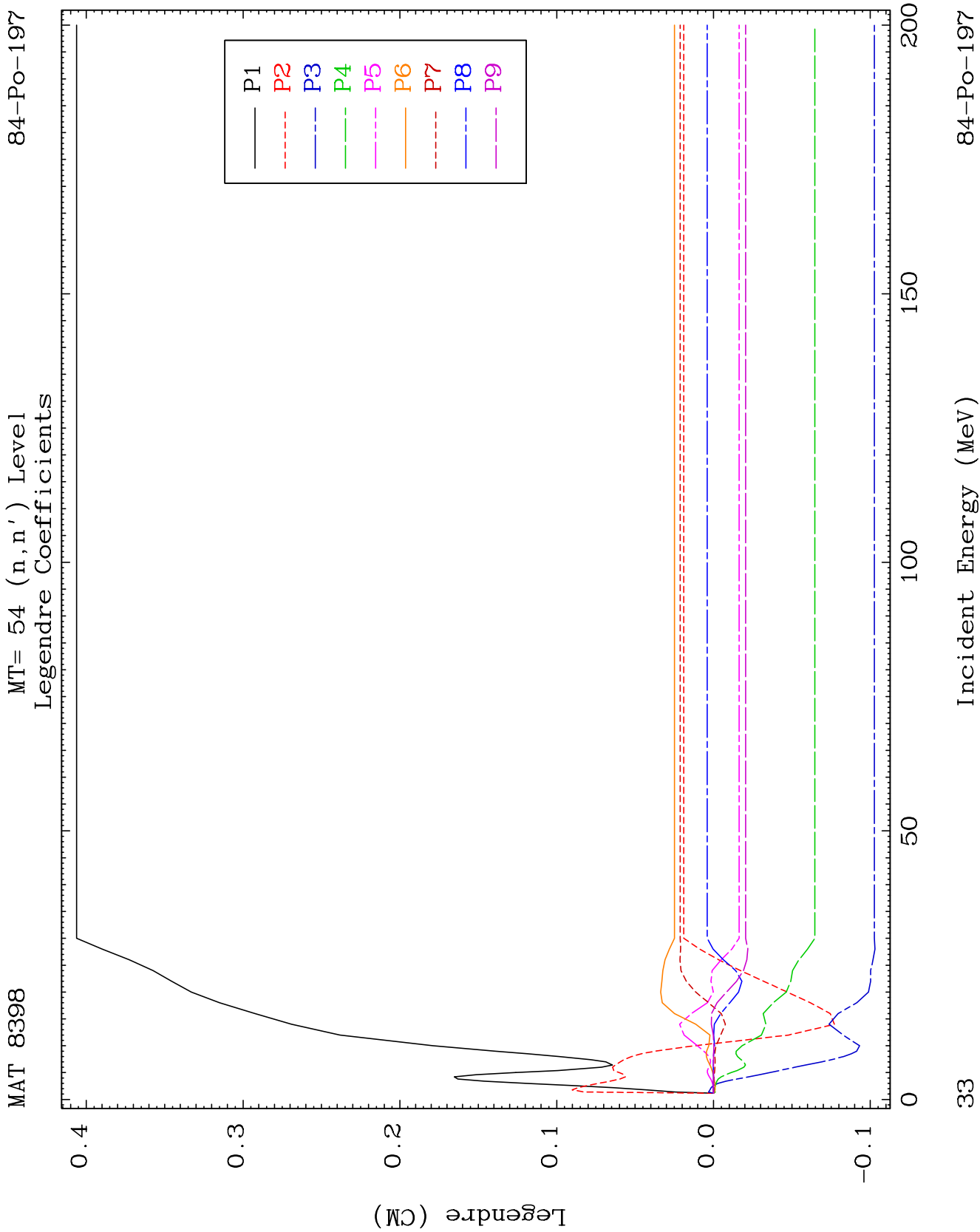


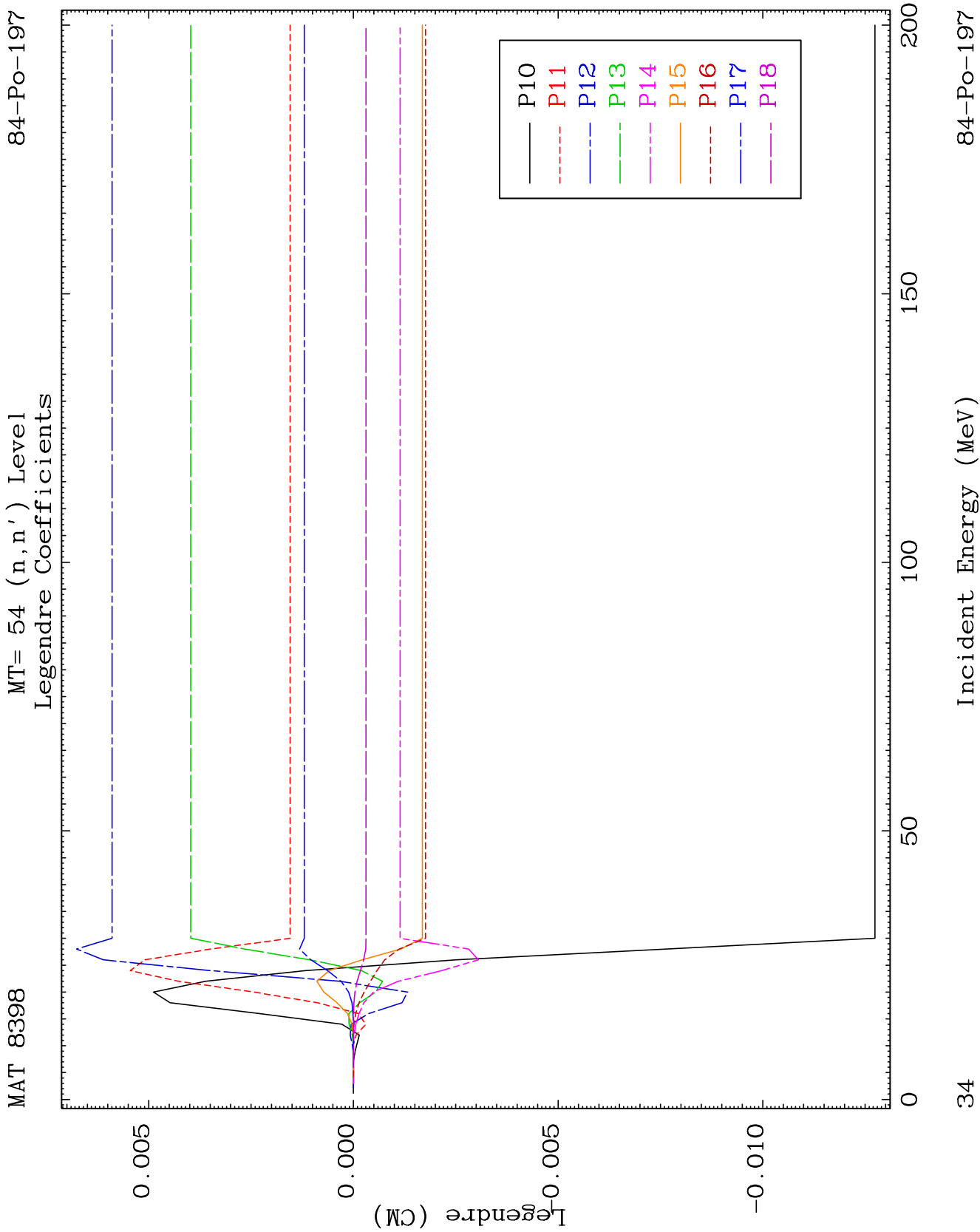
MAT 8398

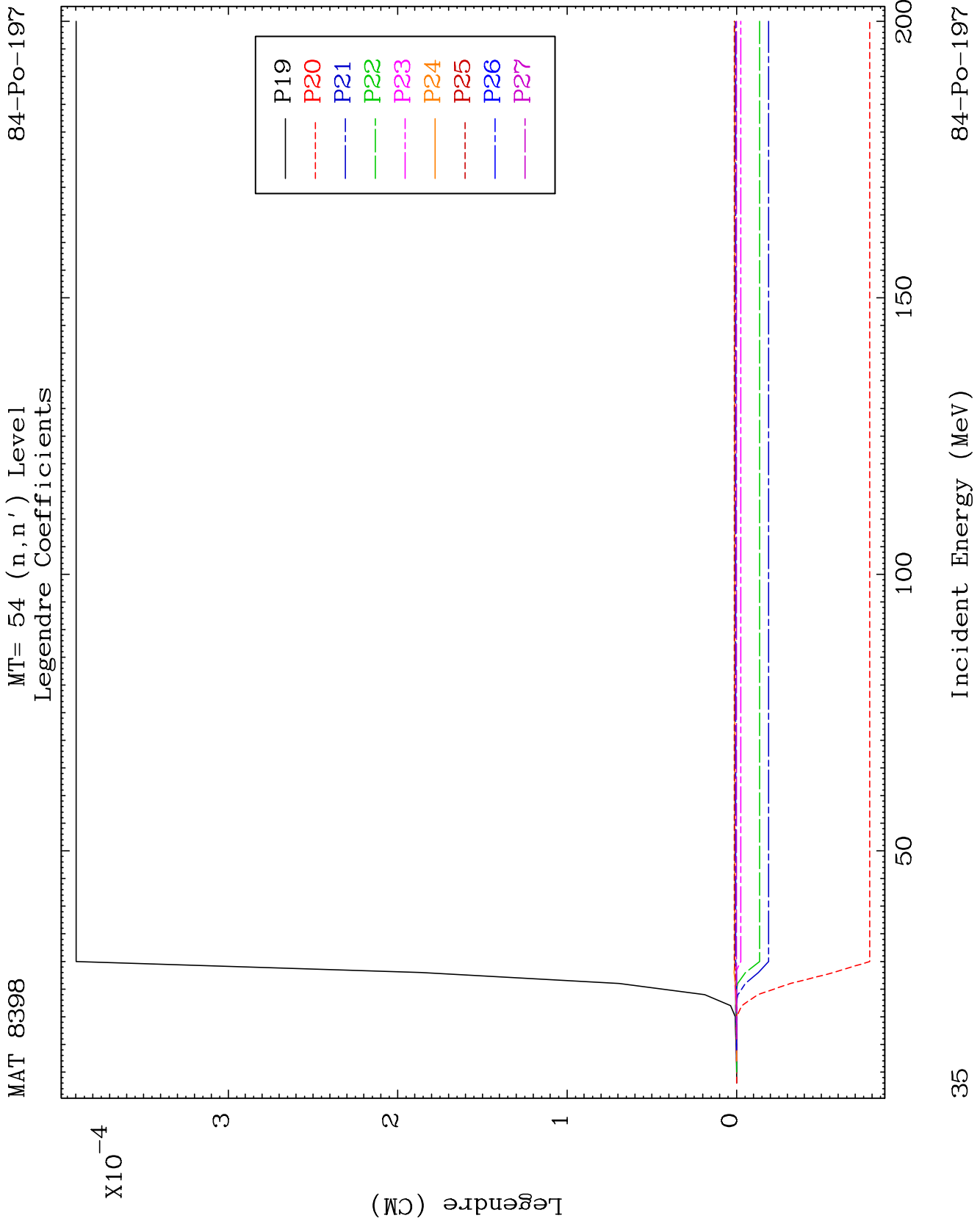
MT= 53 (n, n') Level  
Legendre Coefficients

84-Po-197





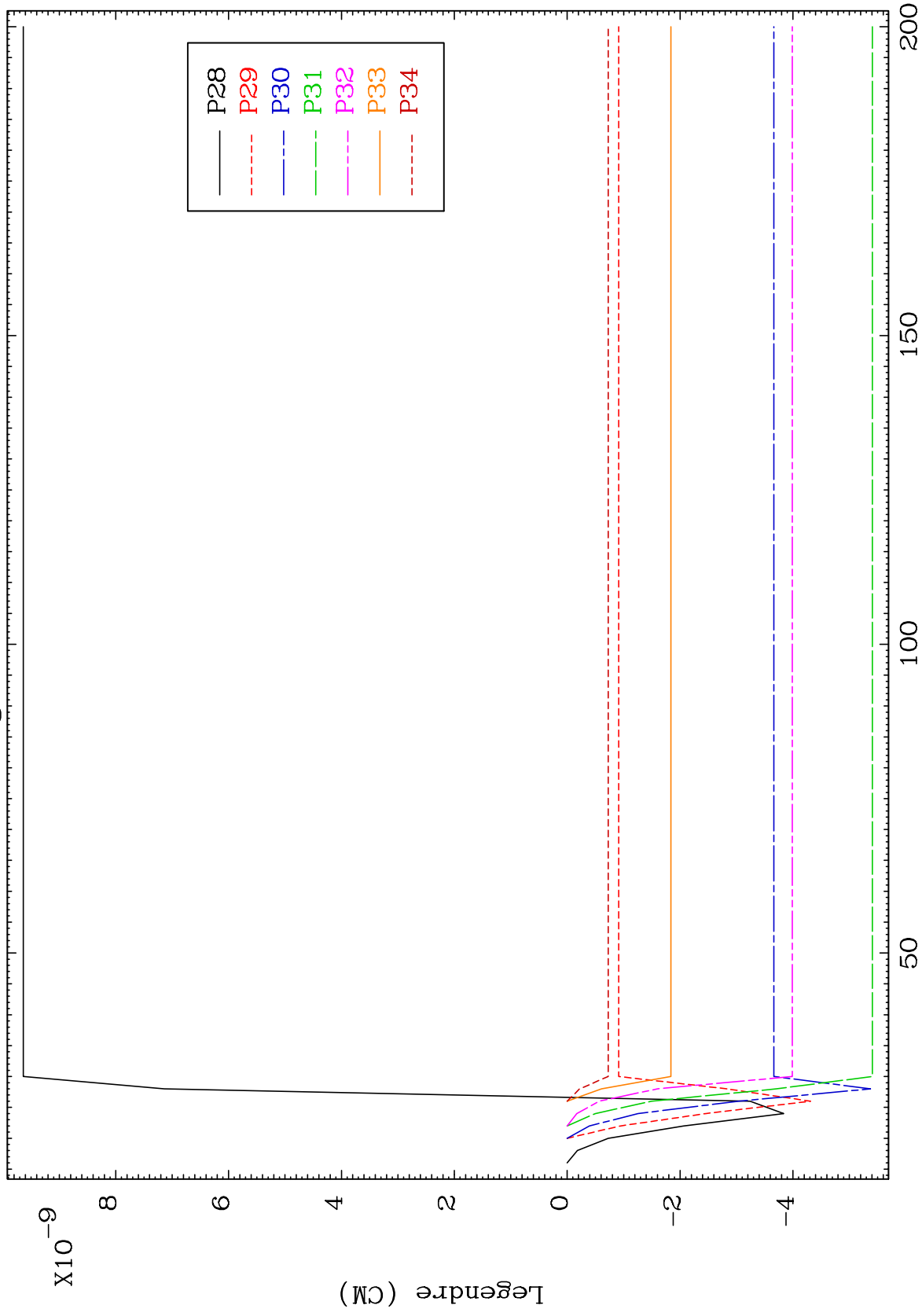




MAT 8398

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

84-Po-197



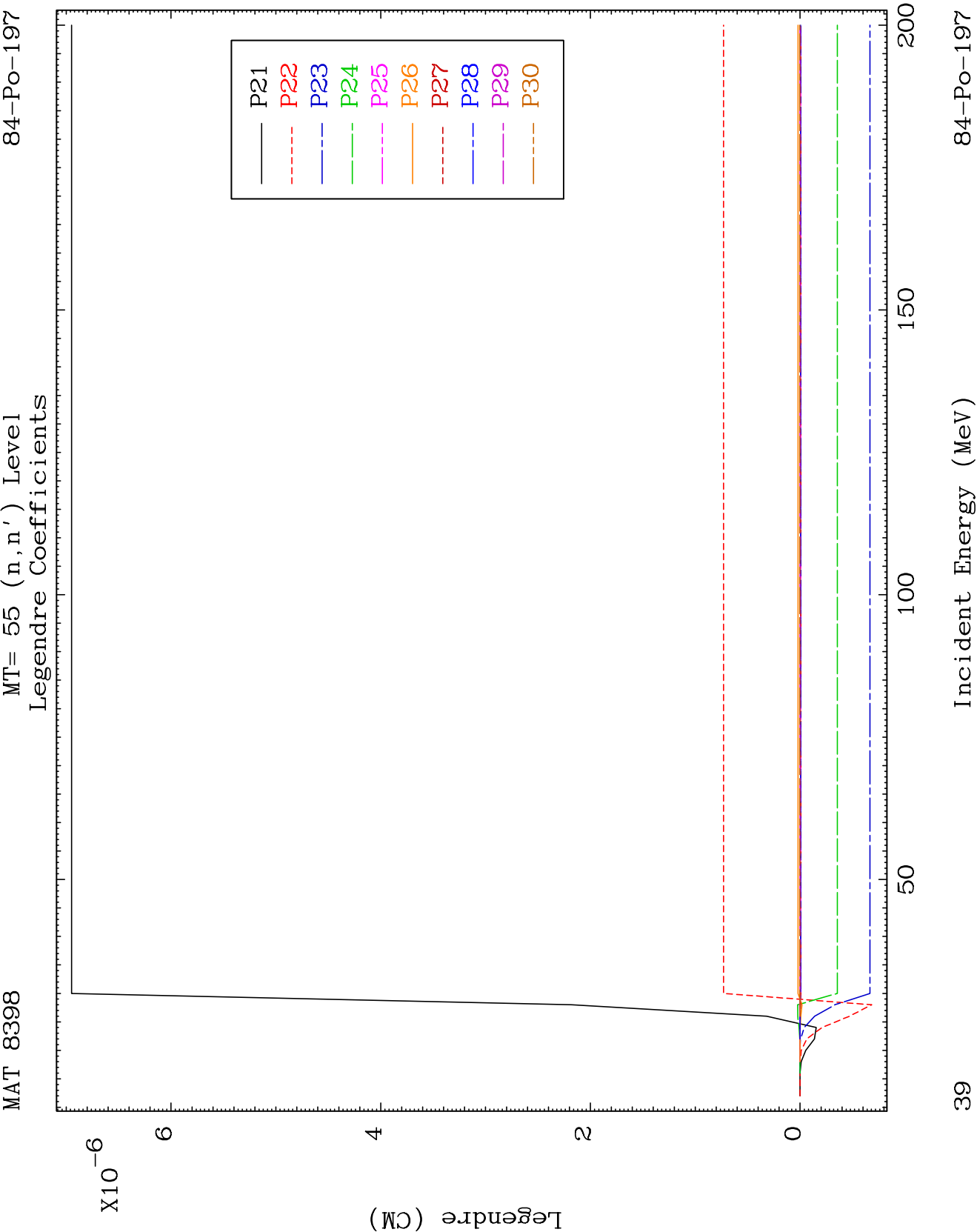
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Incident Energy (MeV)

84-Po-197



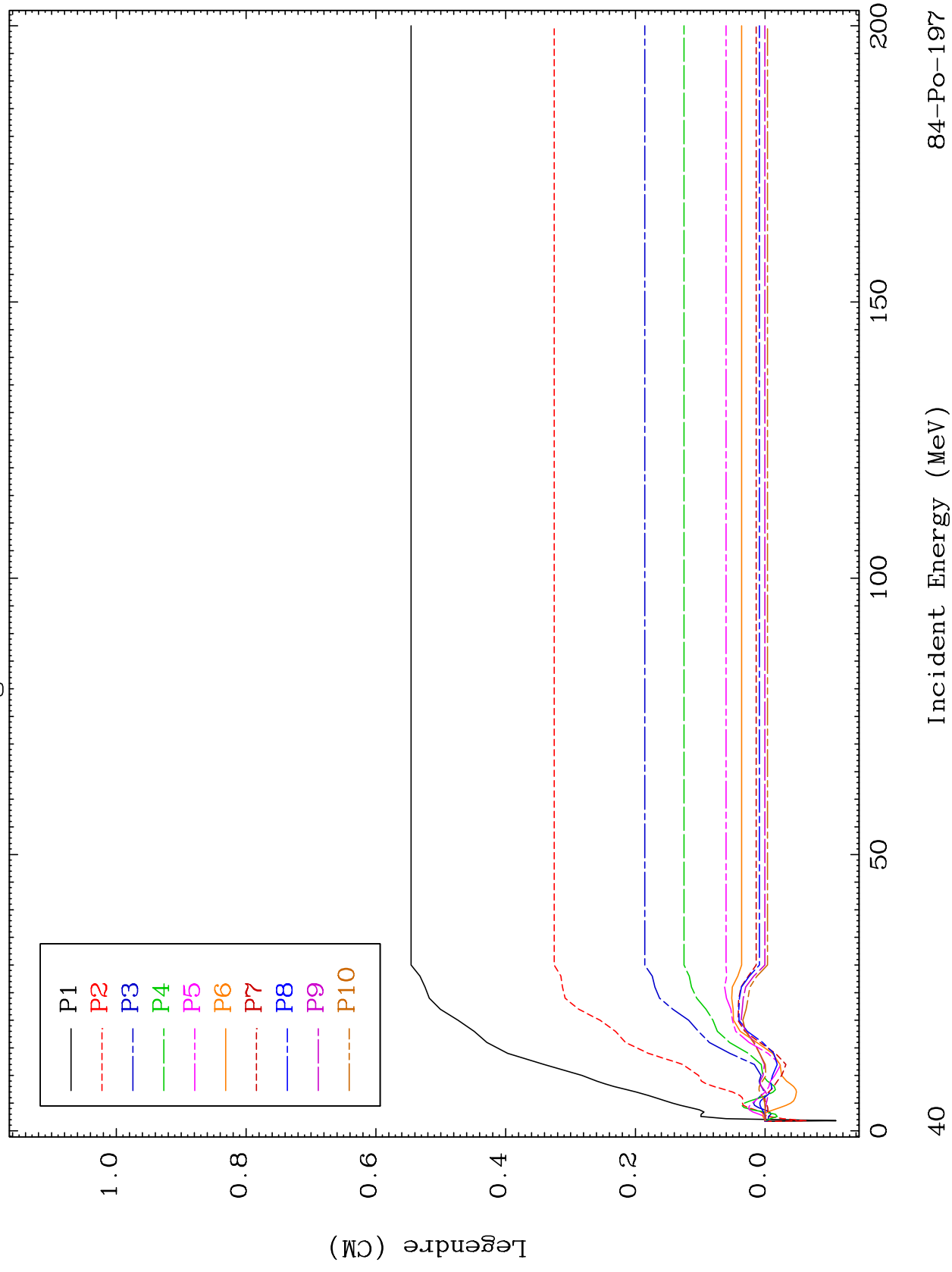




MAT 8398

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

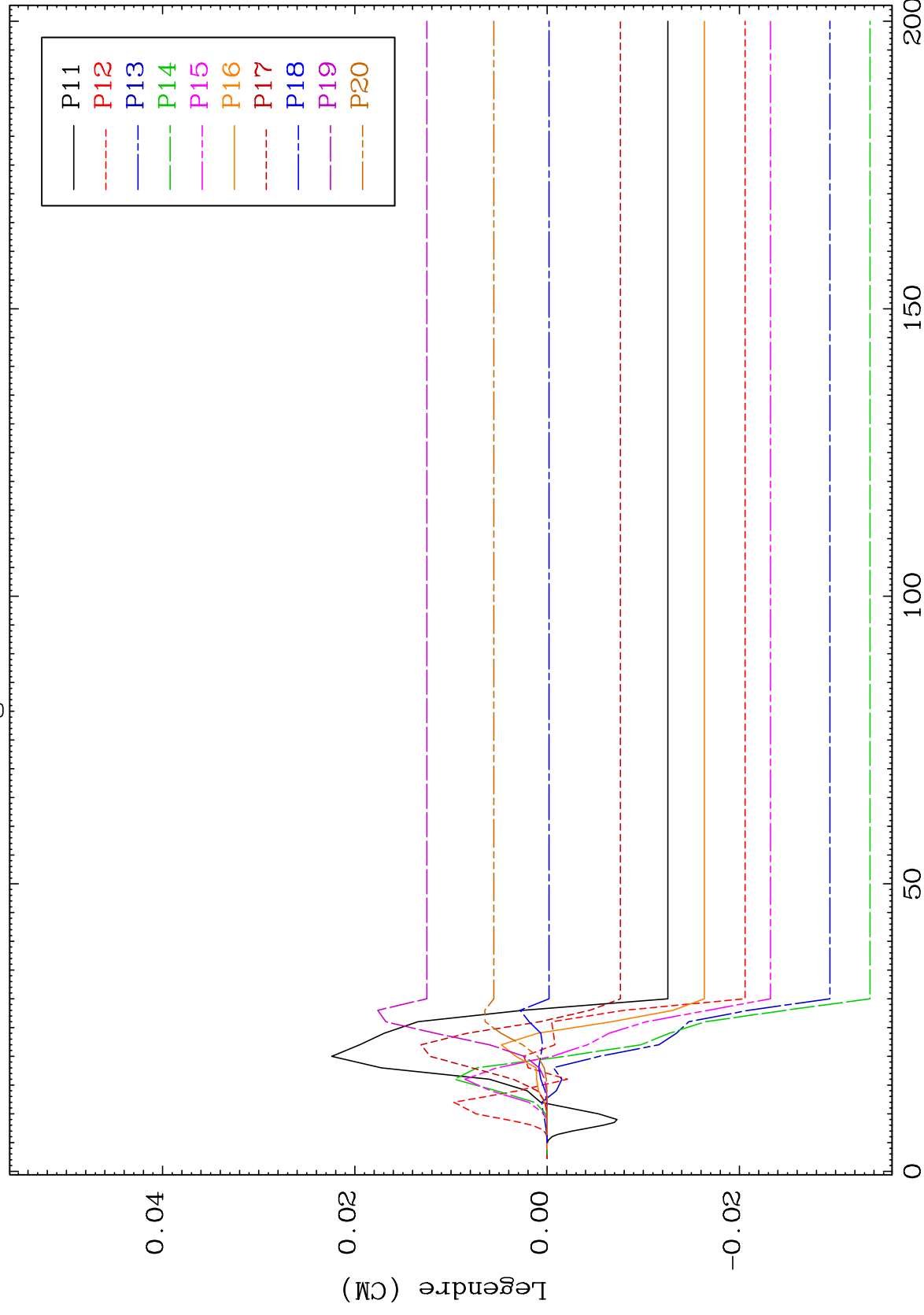
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MAT 8398

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

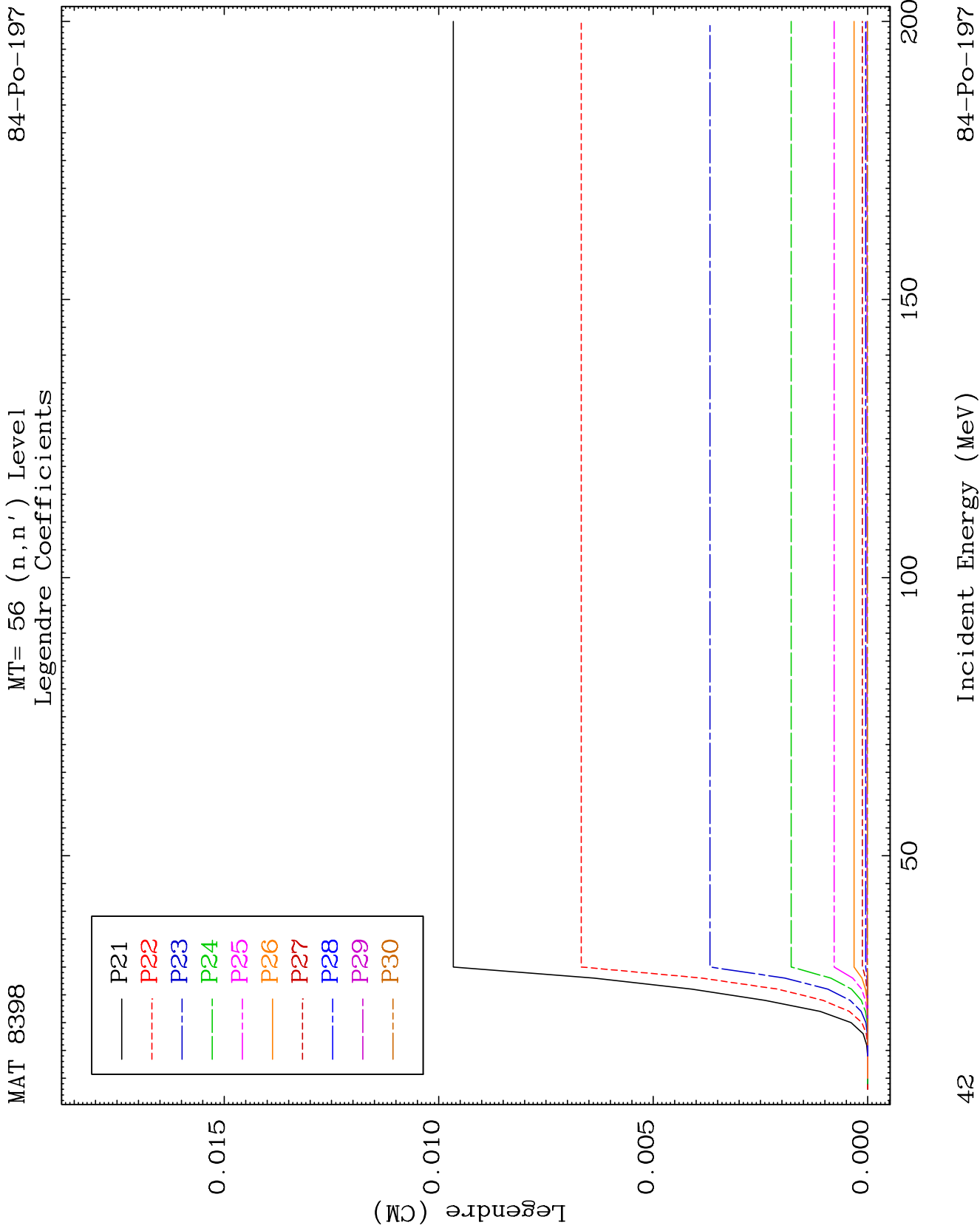
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41

Incident Energy (MeV)

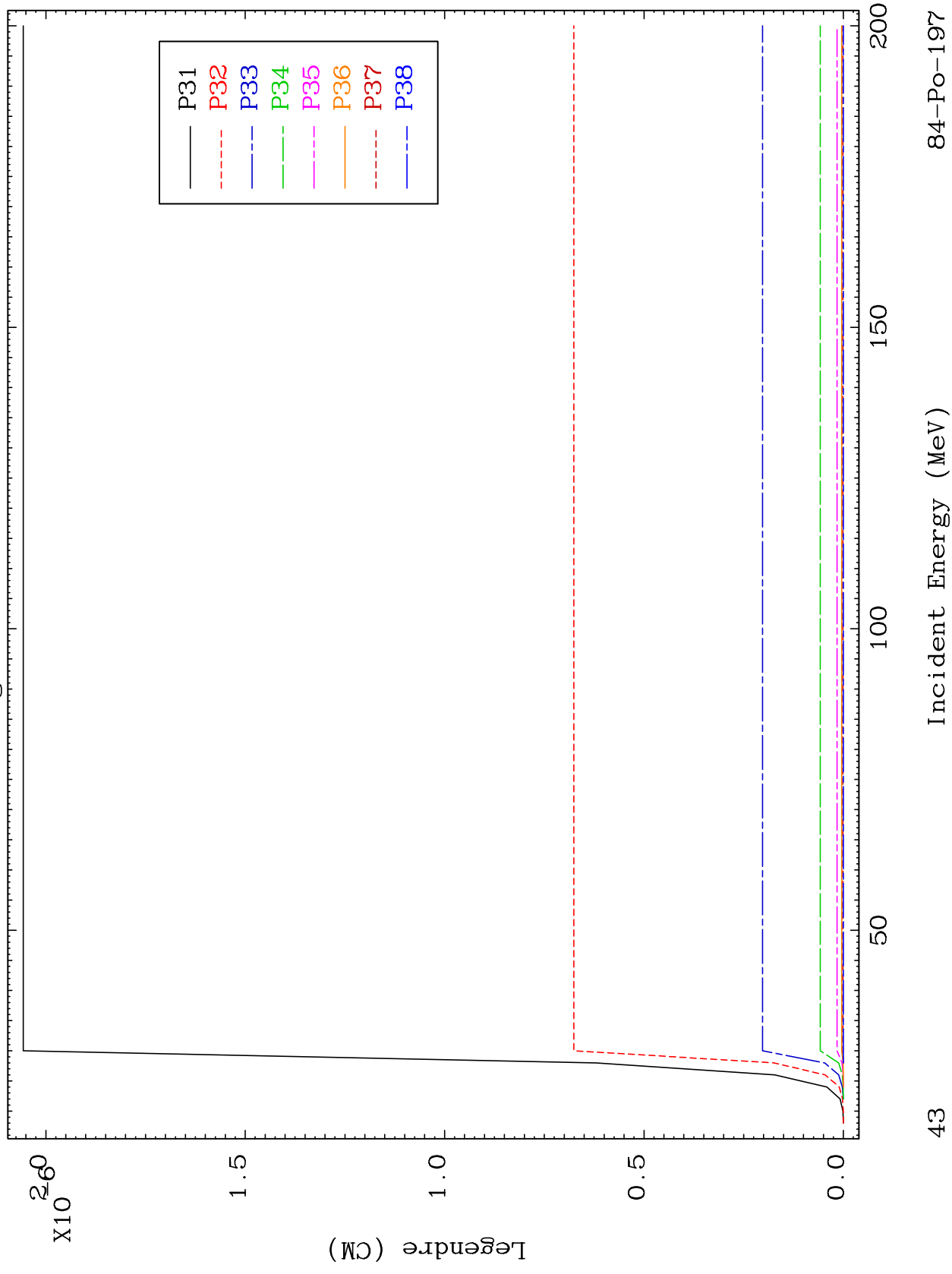
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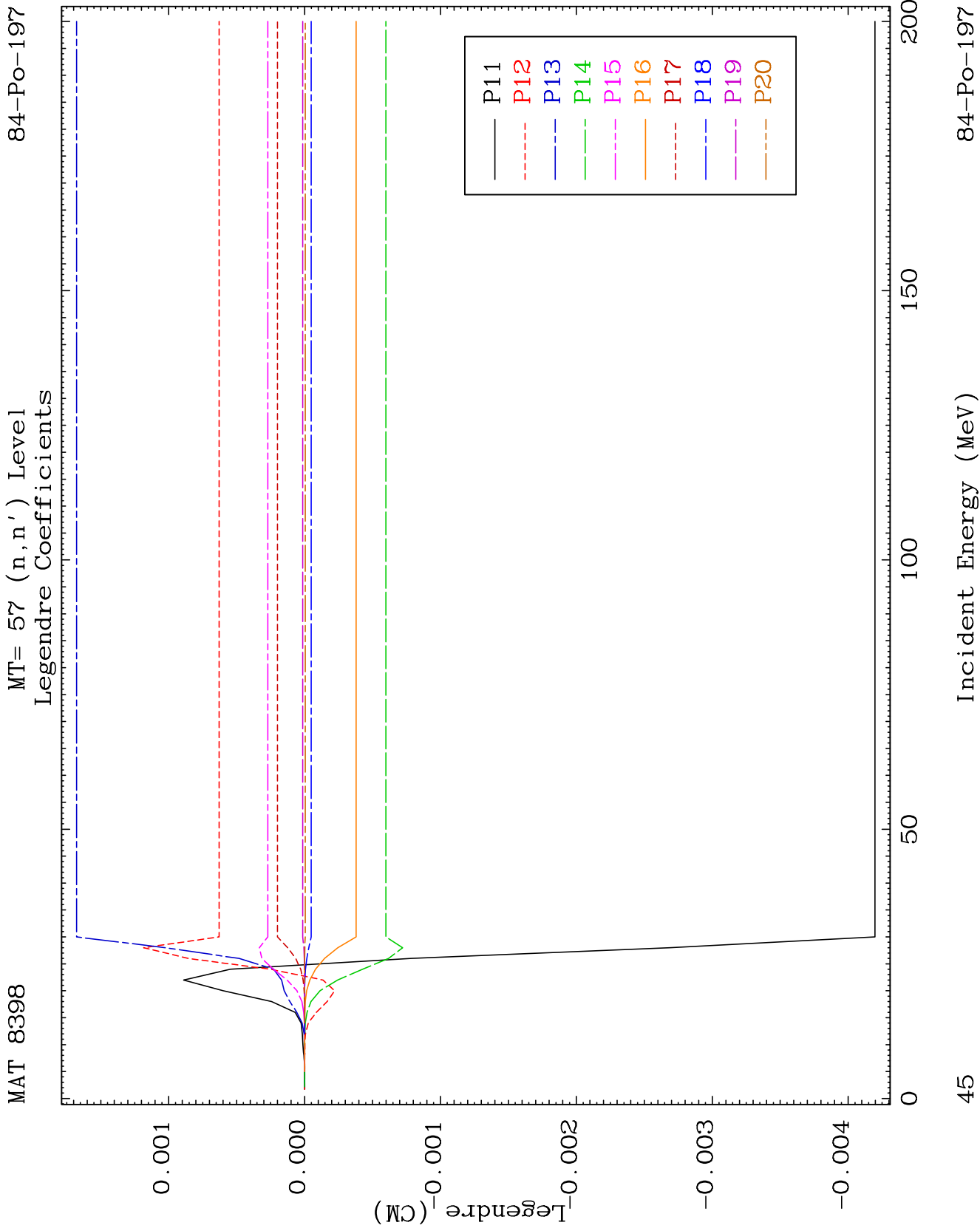
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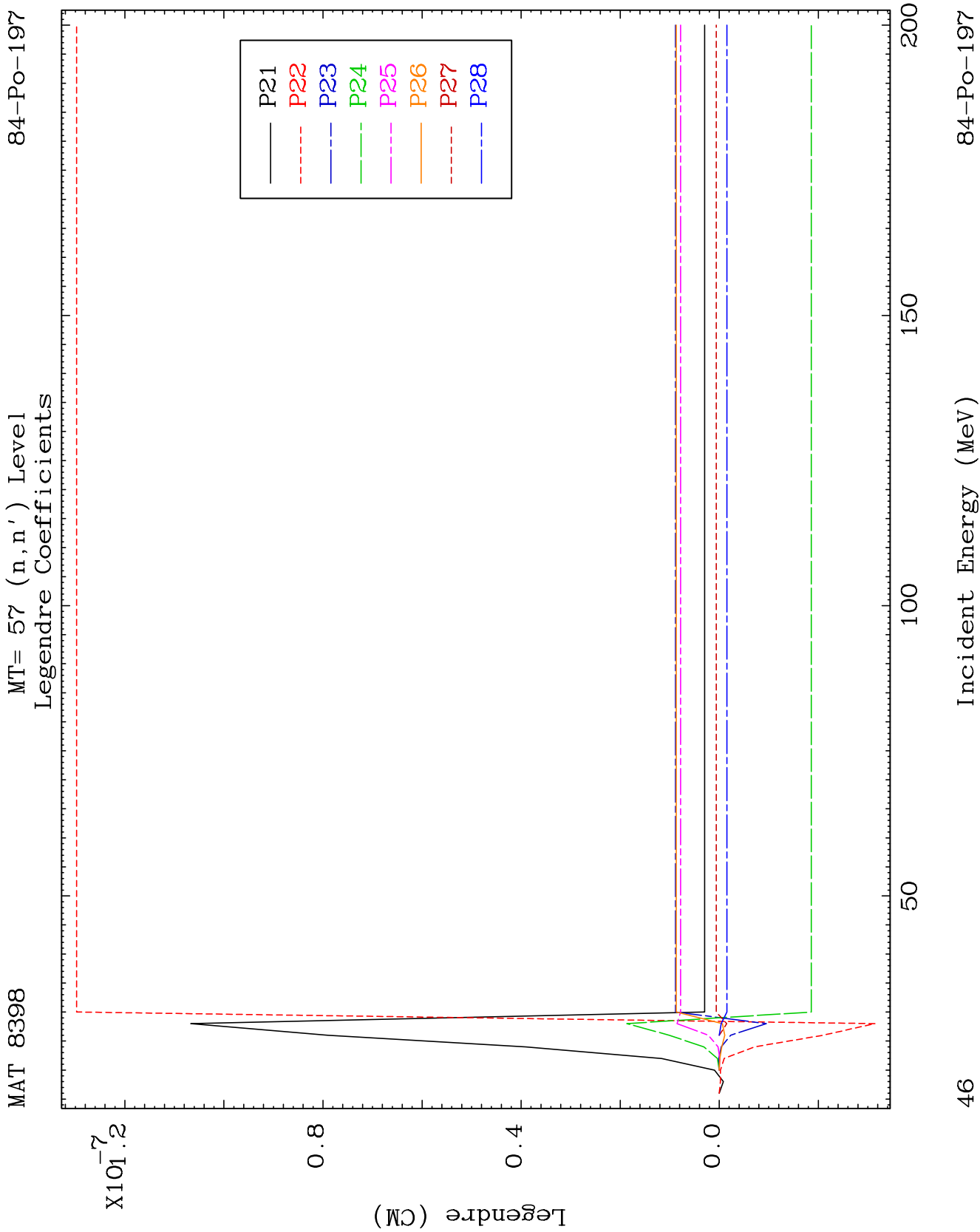
MT= 56 (n, n') Level  
Legendre Coefficients

84-Po-197





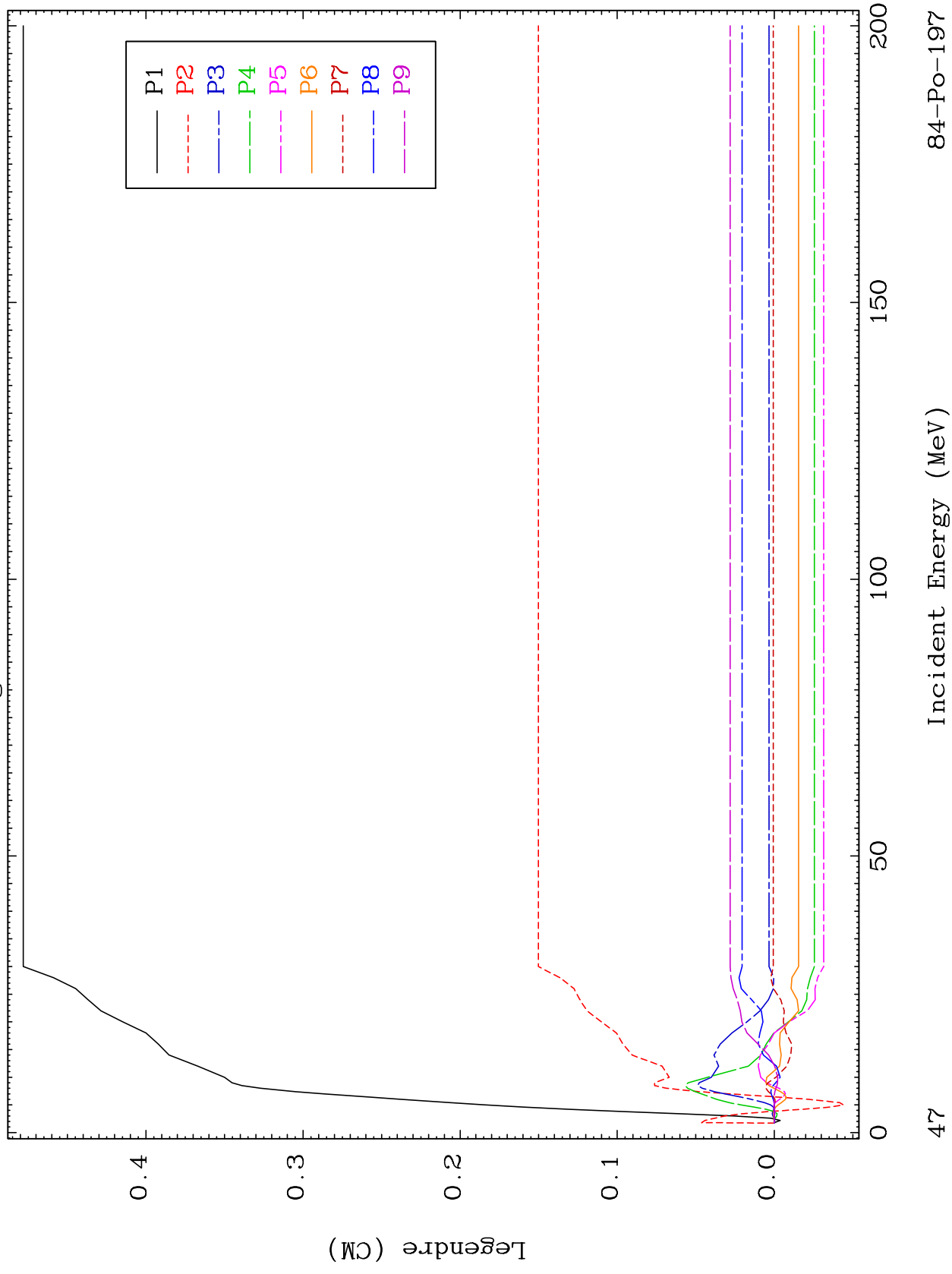




MAT 8398

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

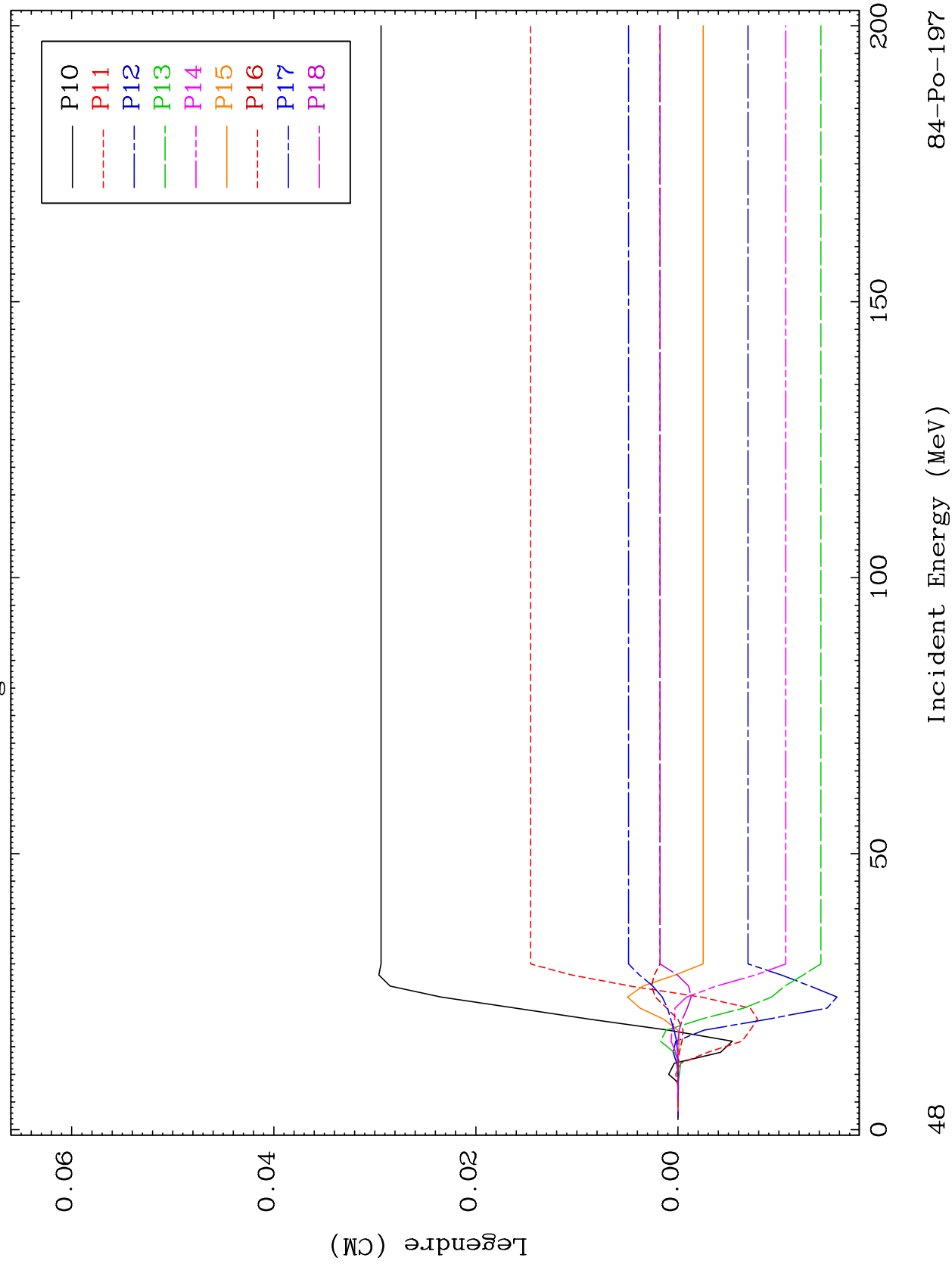
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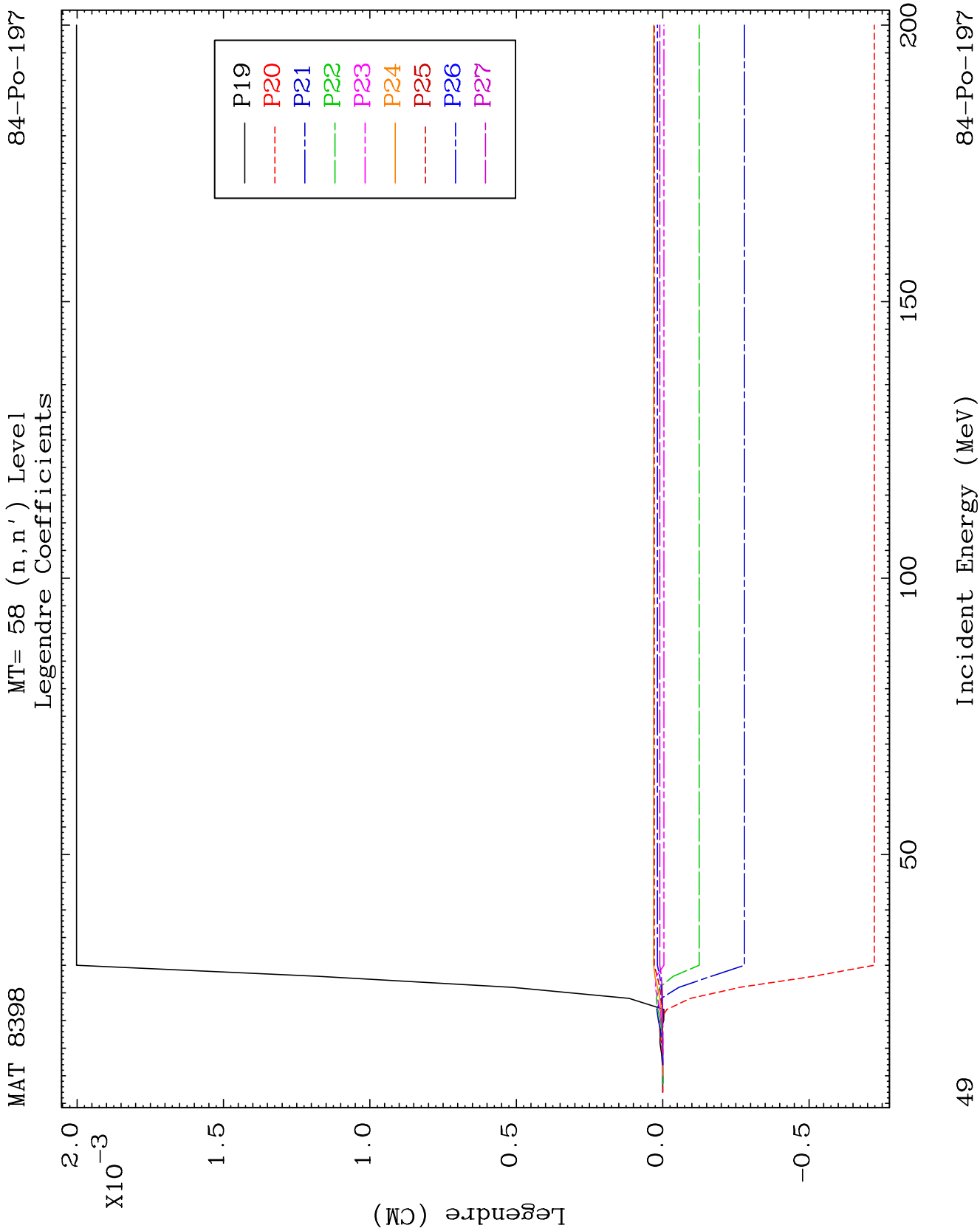


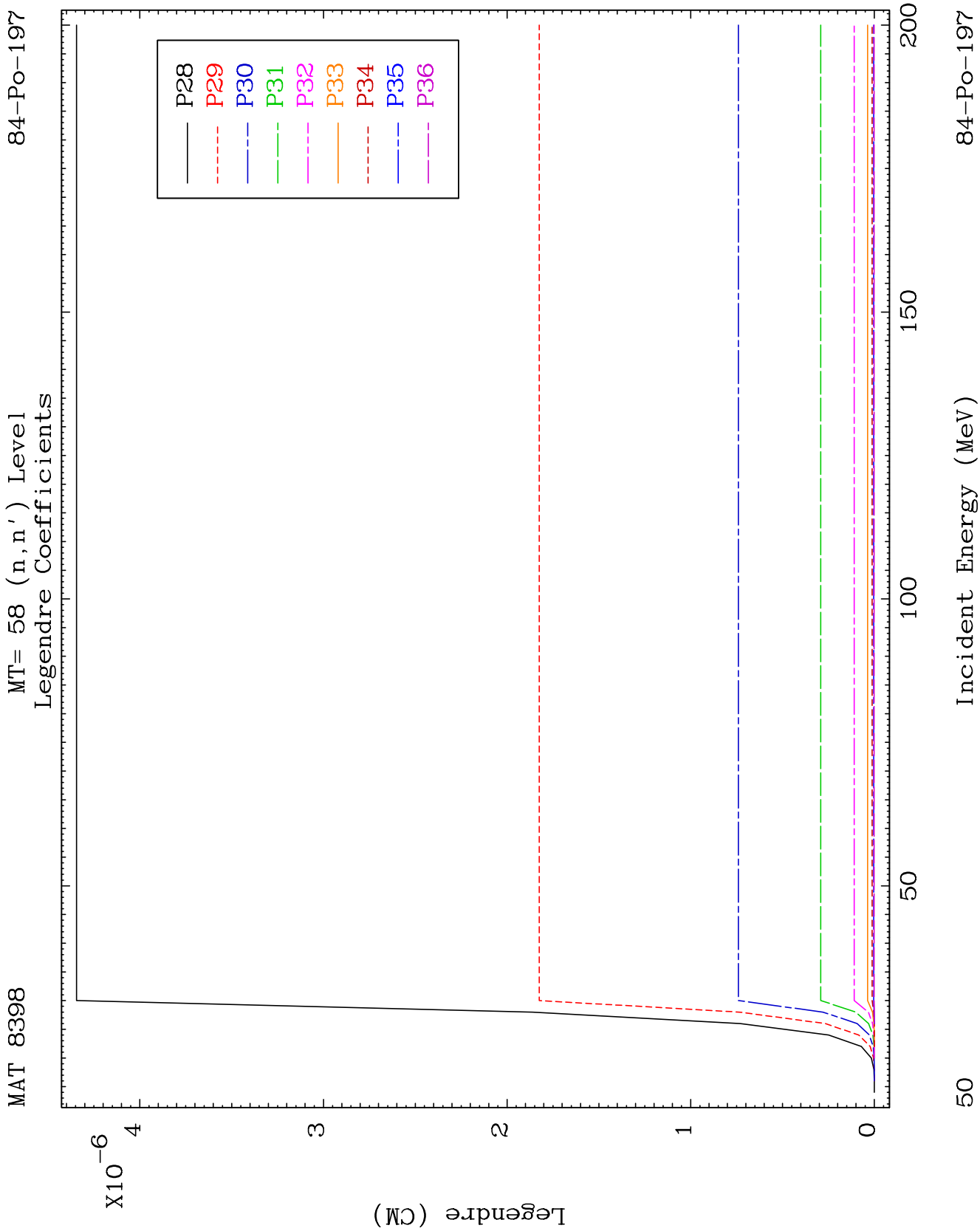
MAT 8398

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

84-Po-197



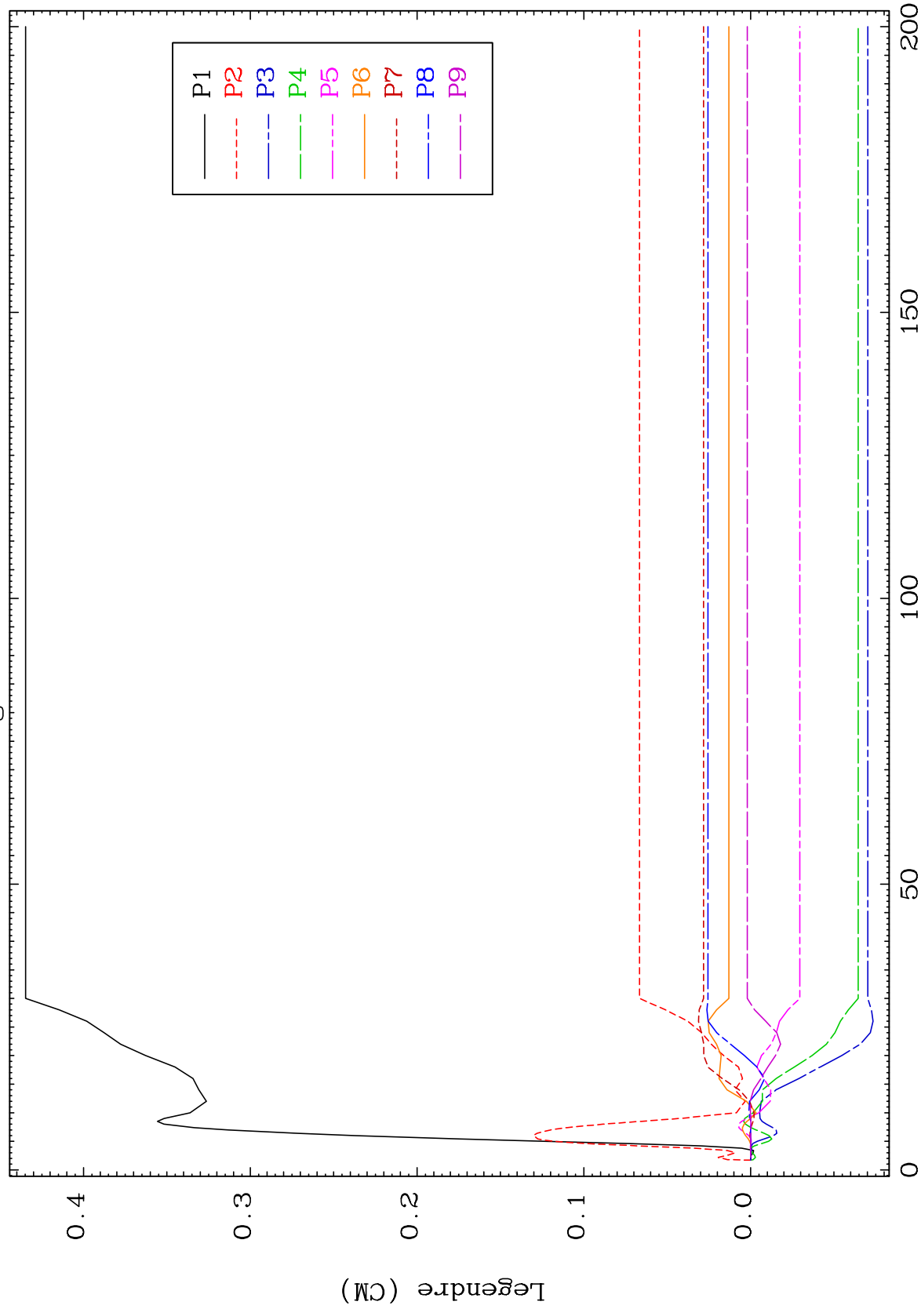




MAT 8398

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

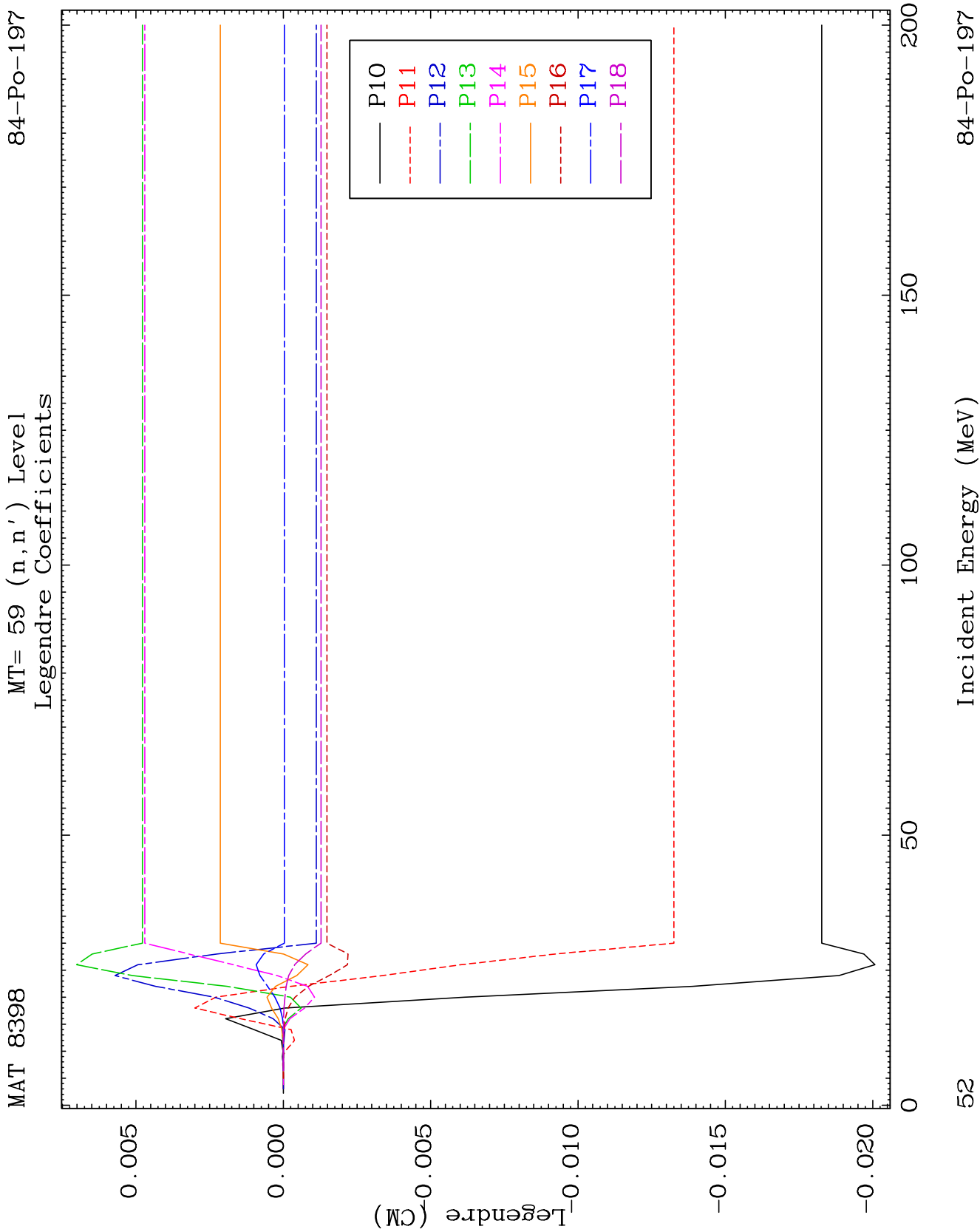
84-Po-197



15

Incident Energy (MeV)

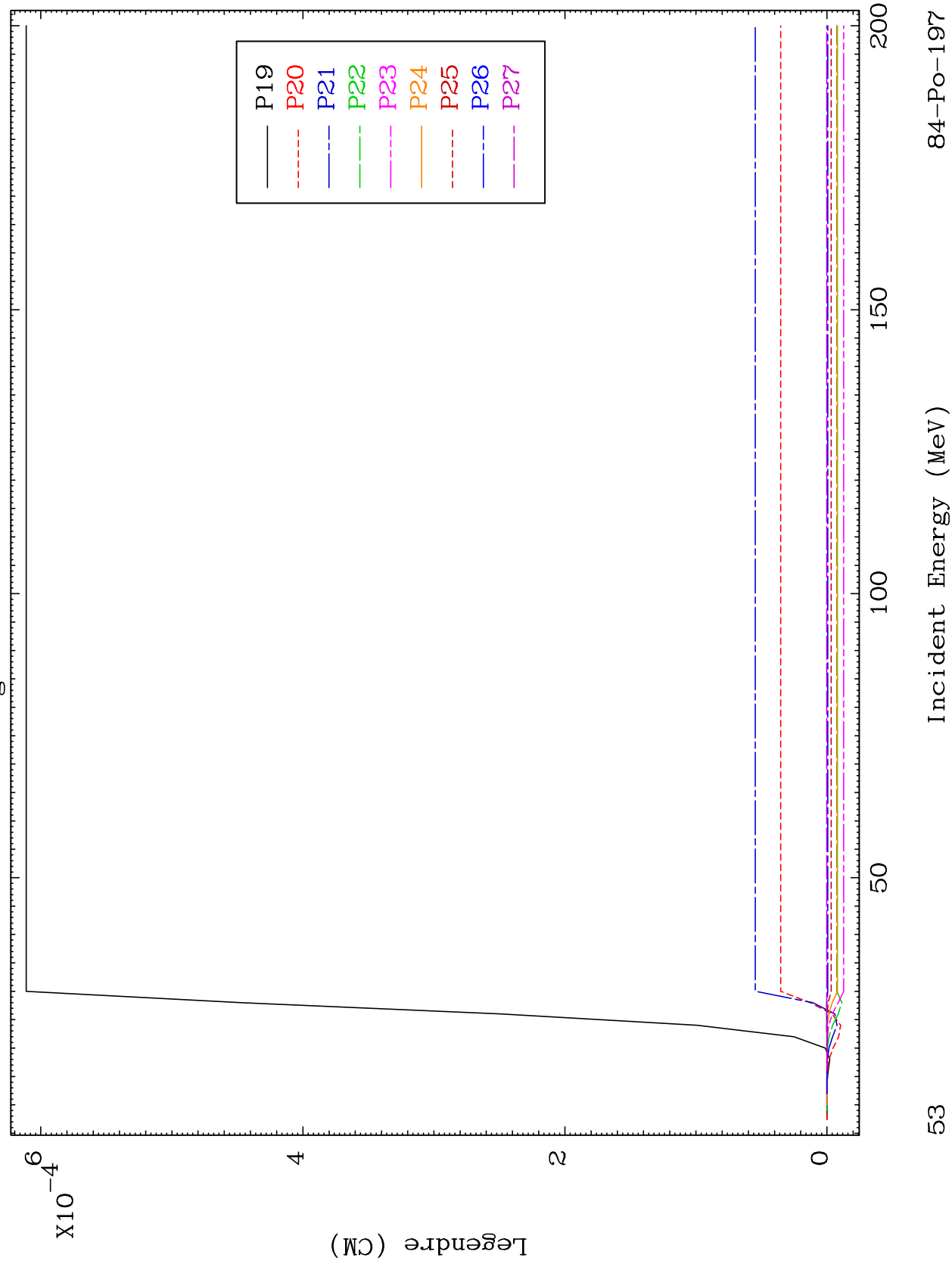
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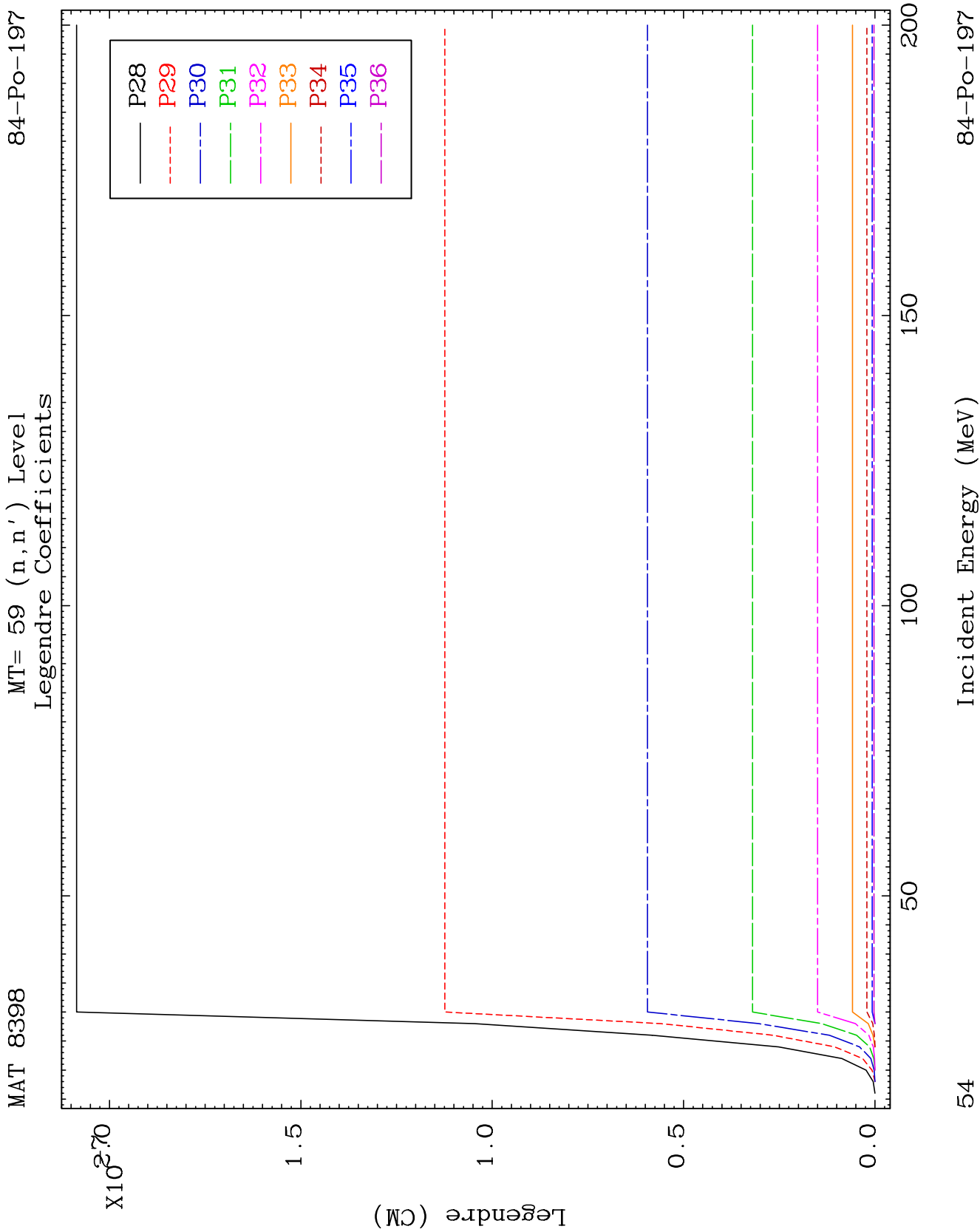


MAT 8398

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

84-Po-197

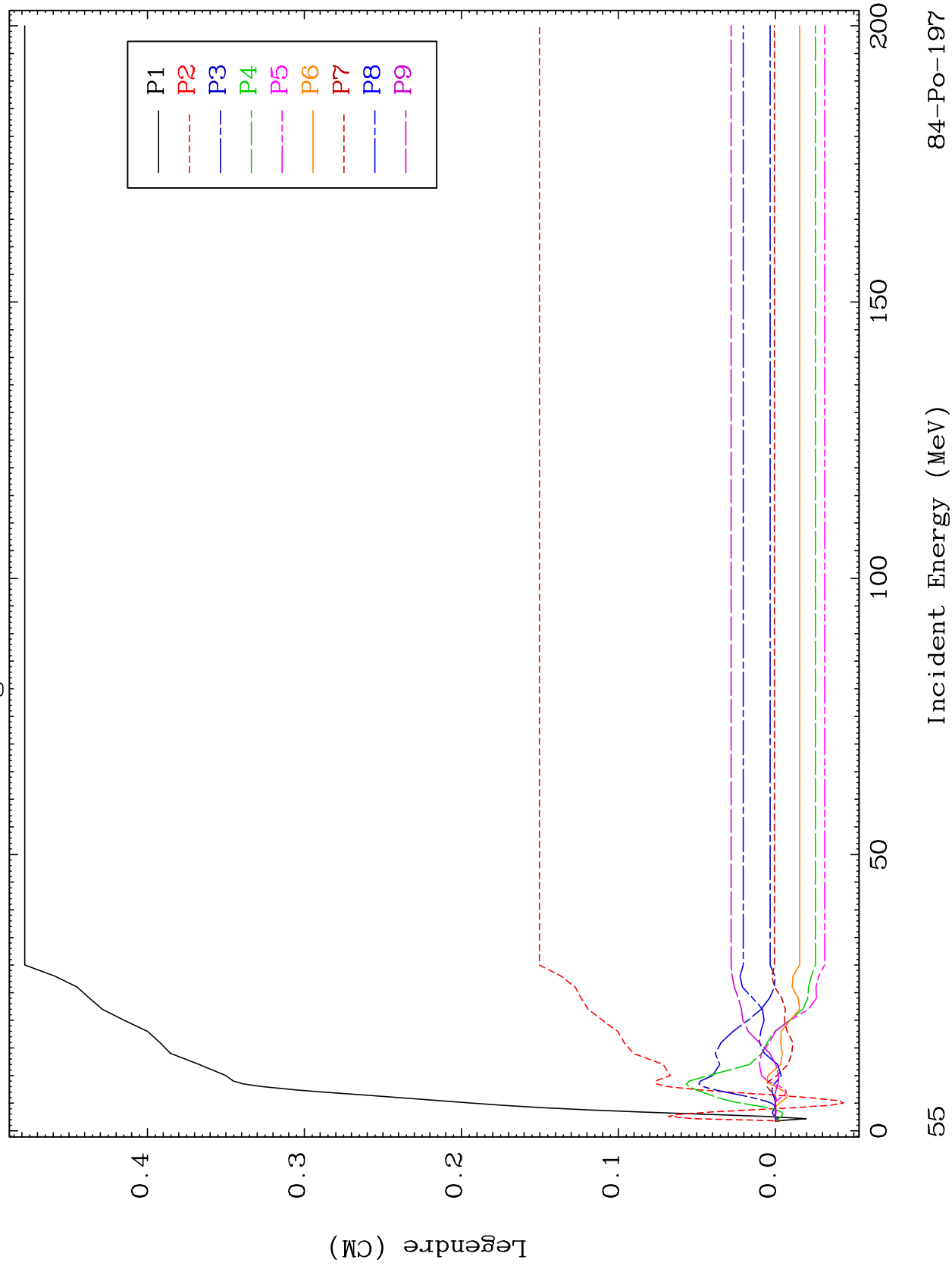




MAT 8398

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Legendre Coefficients

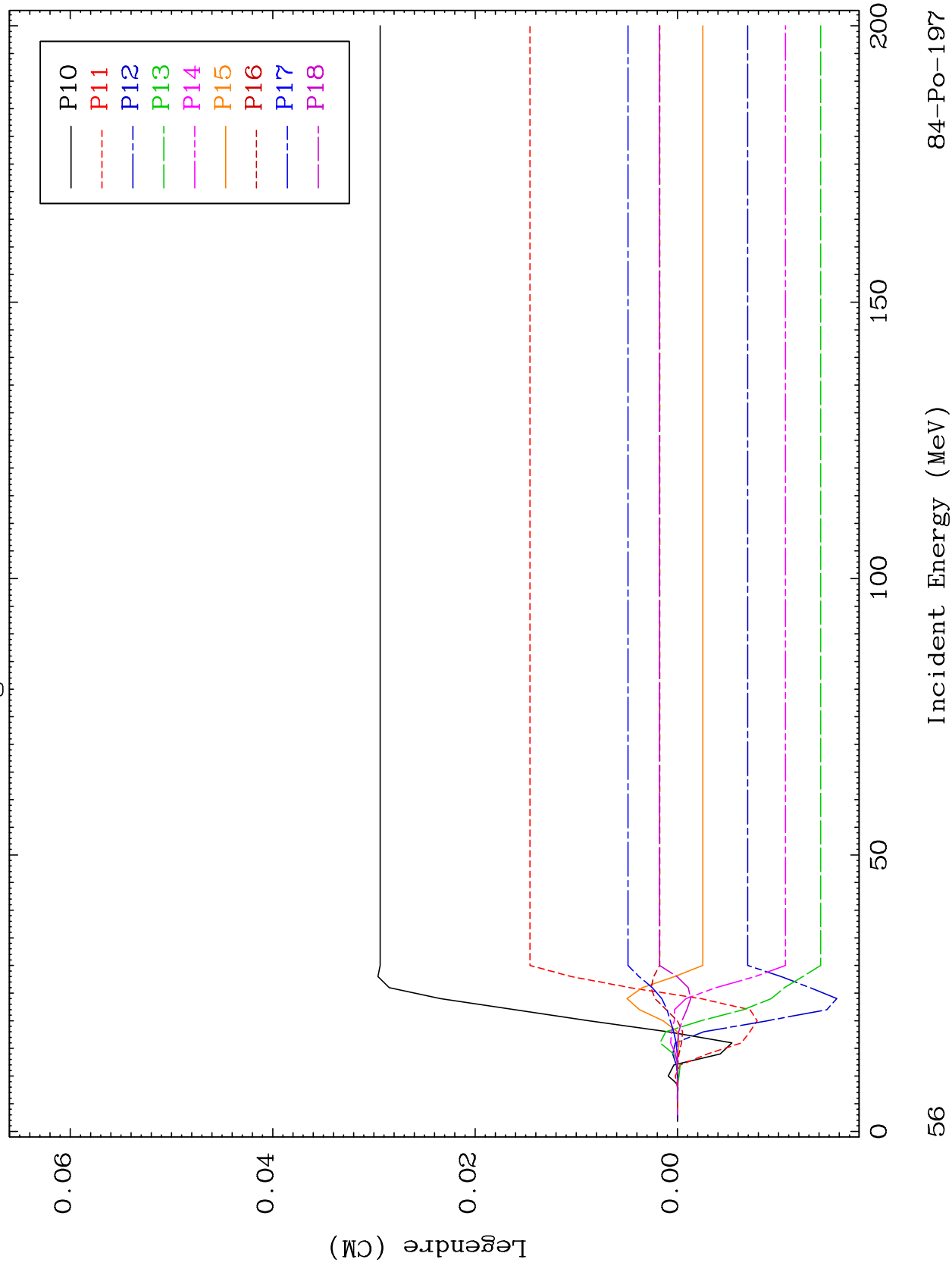
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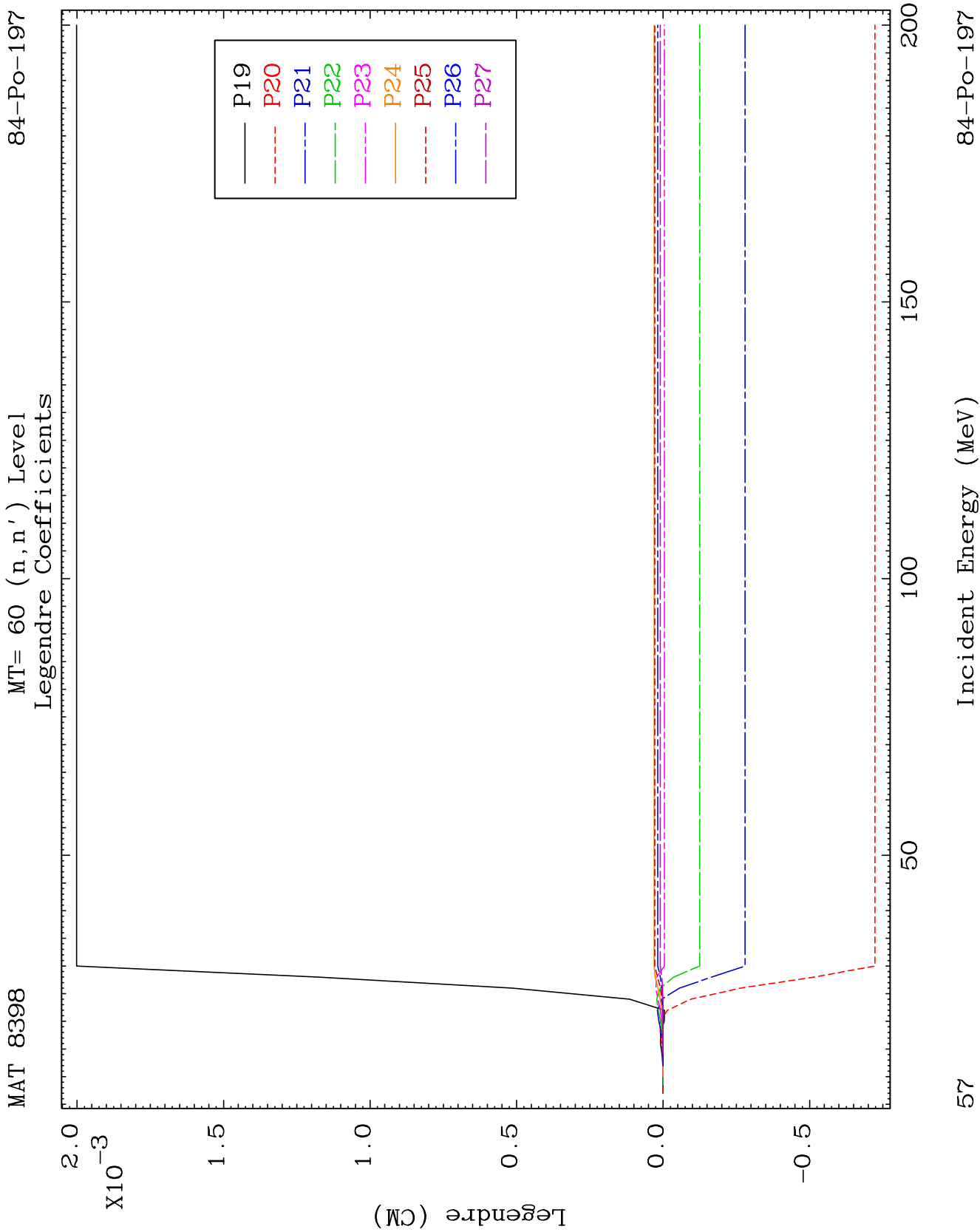


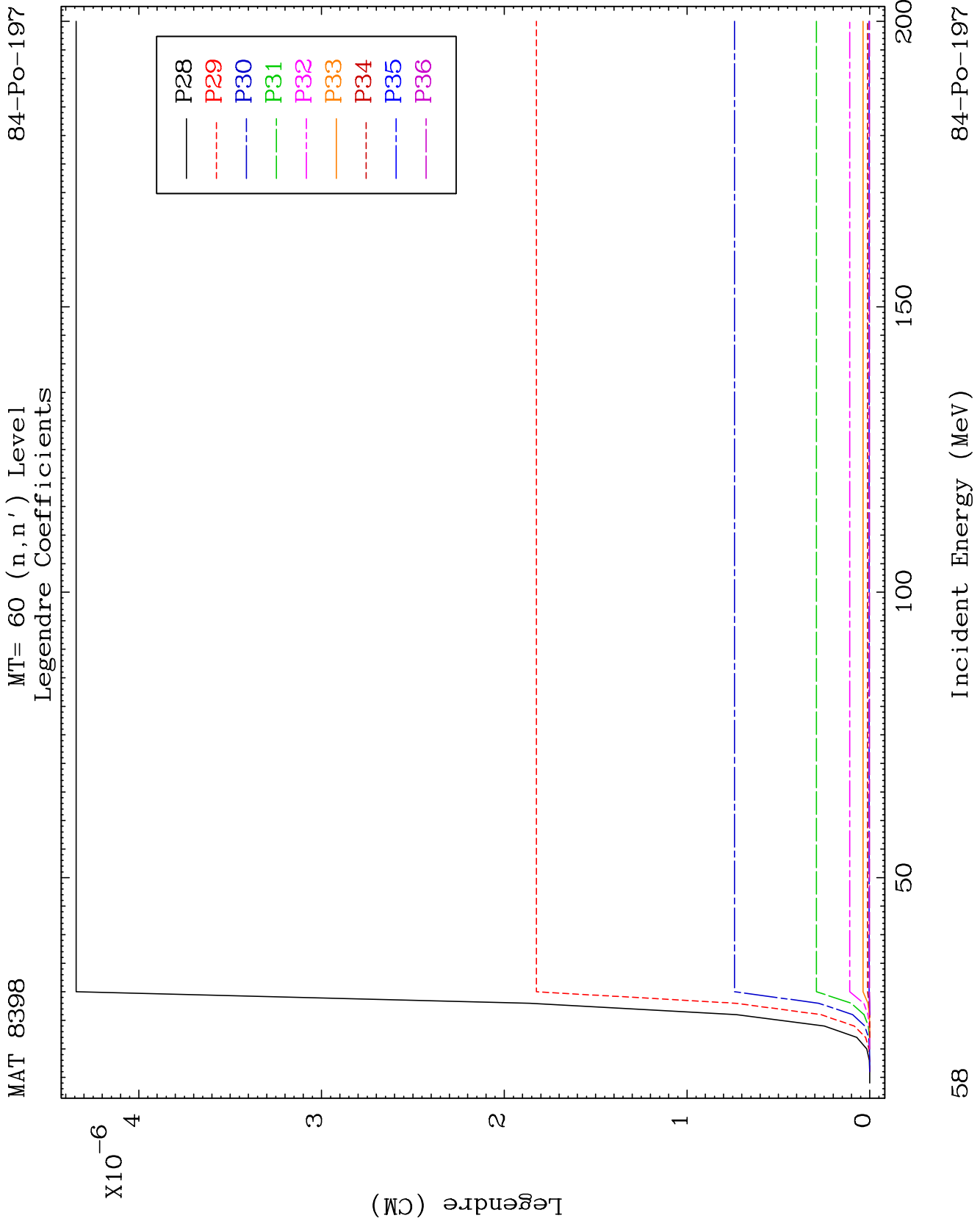
MAT 8398

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

84-Po-197



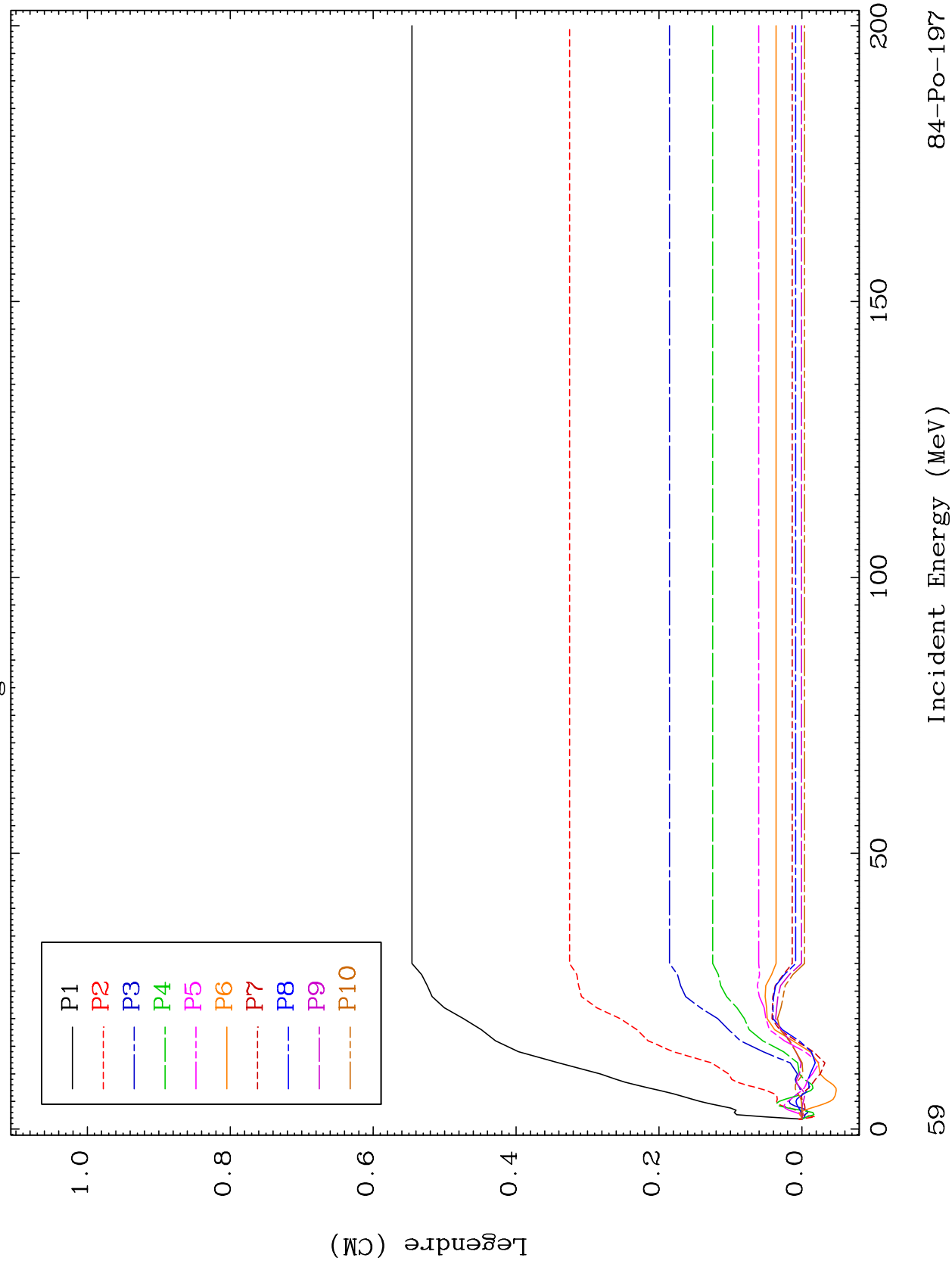




MAT 8398

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

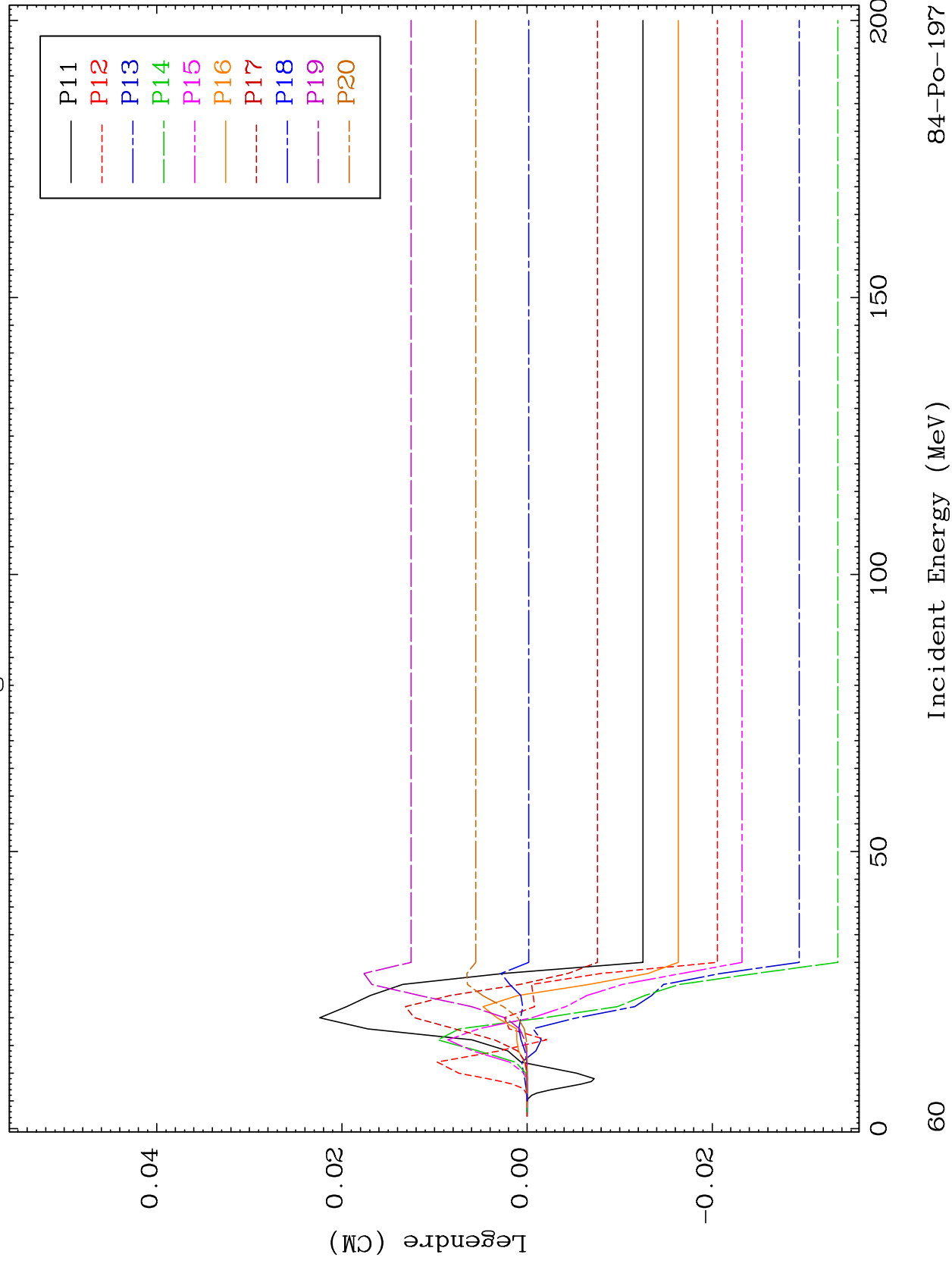
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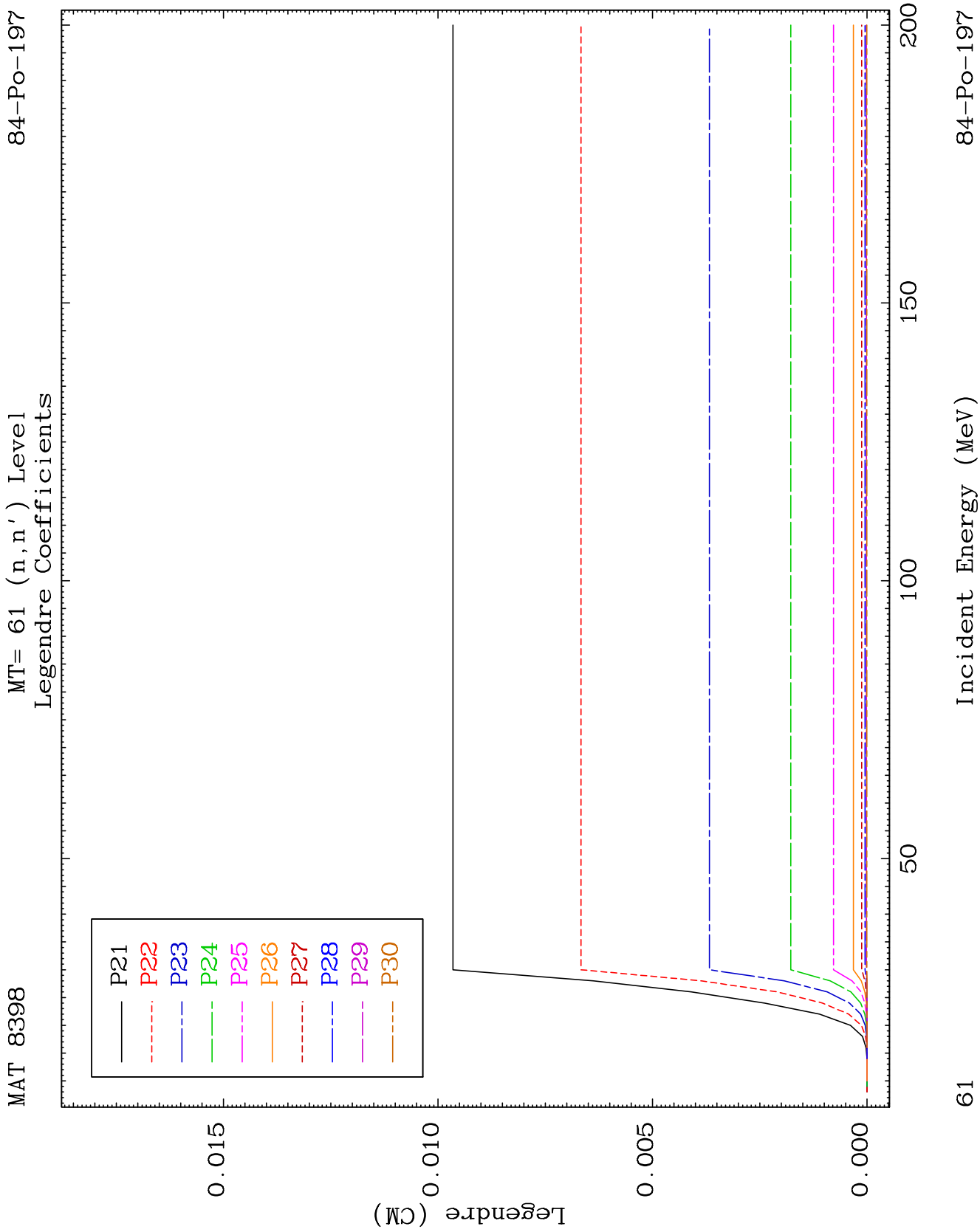


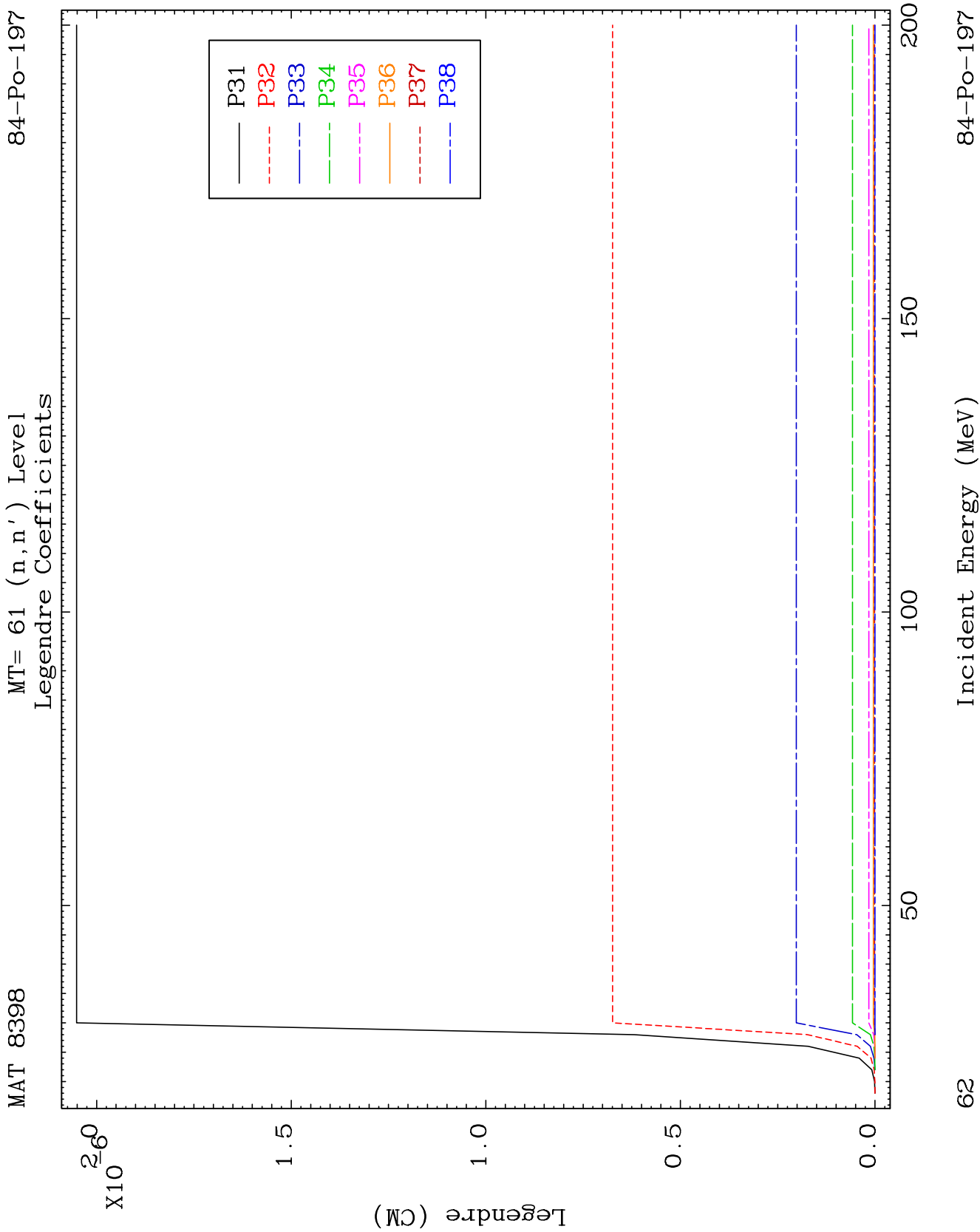
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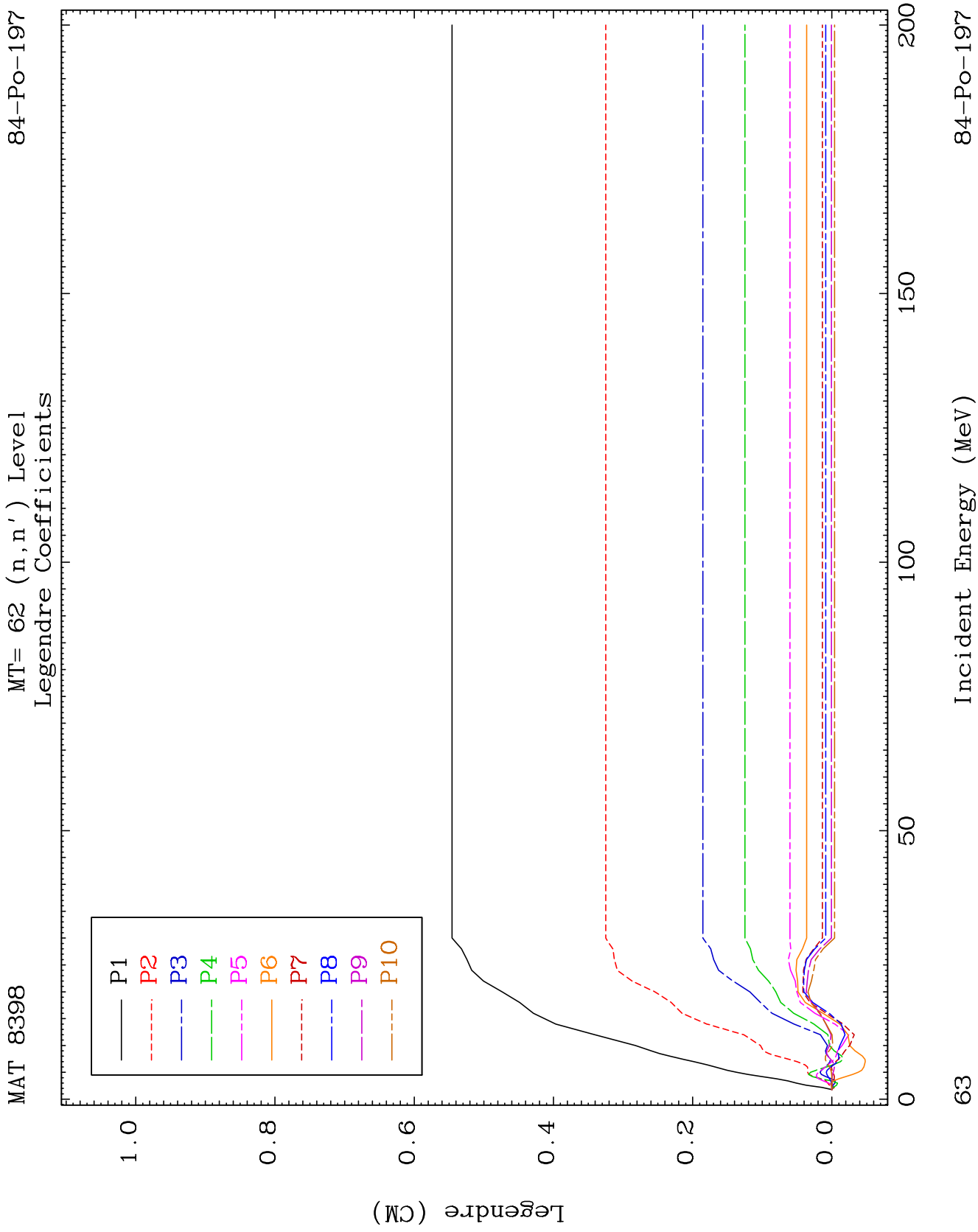
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Legendre Coefficients

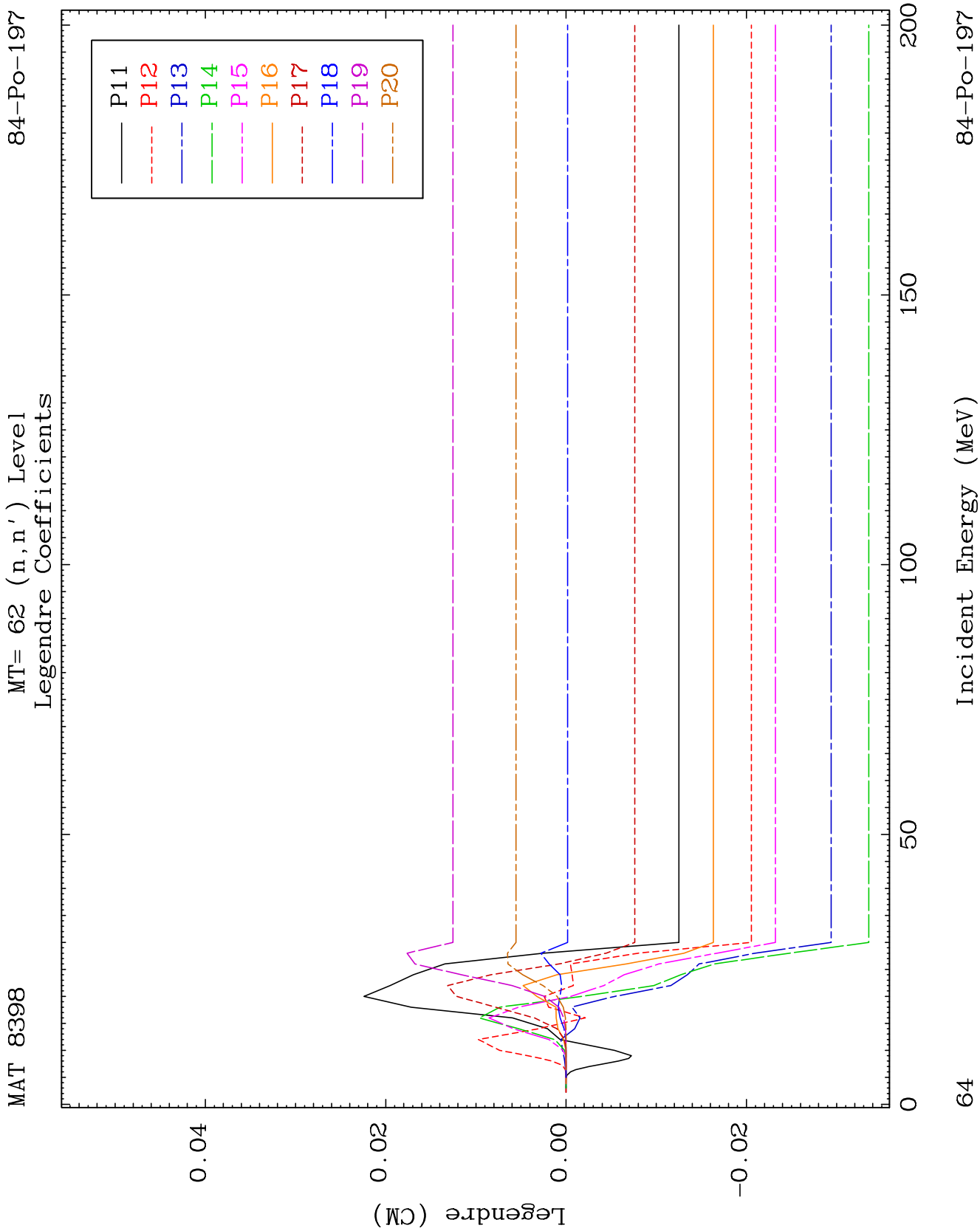
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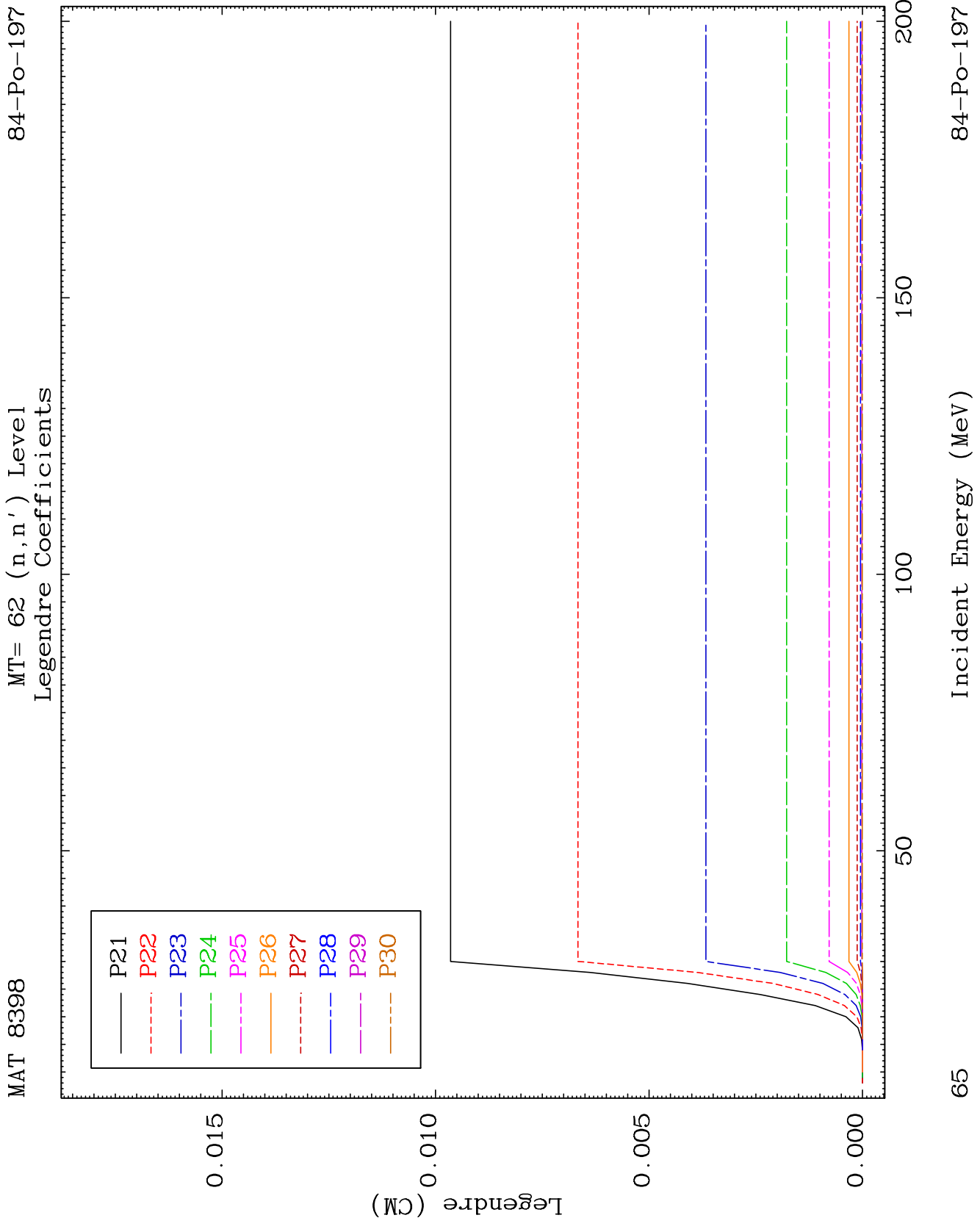








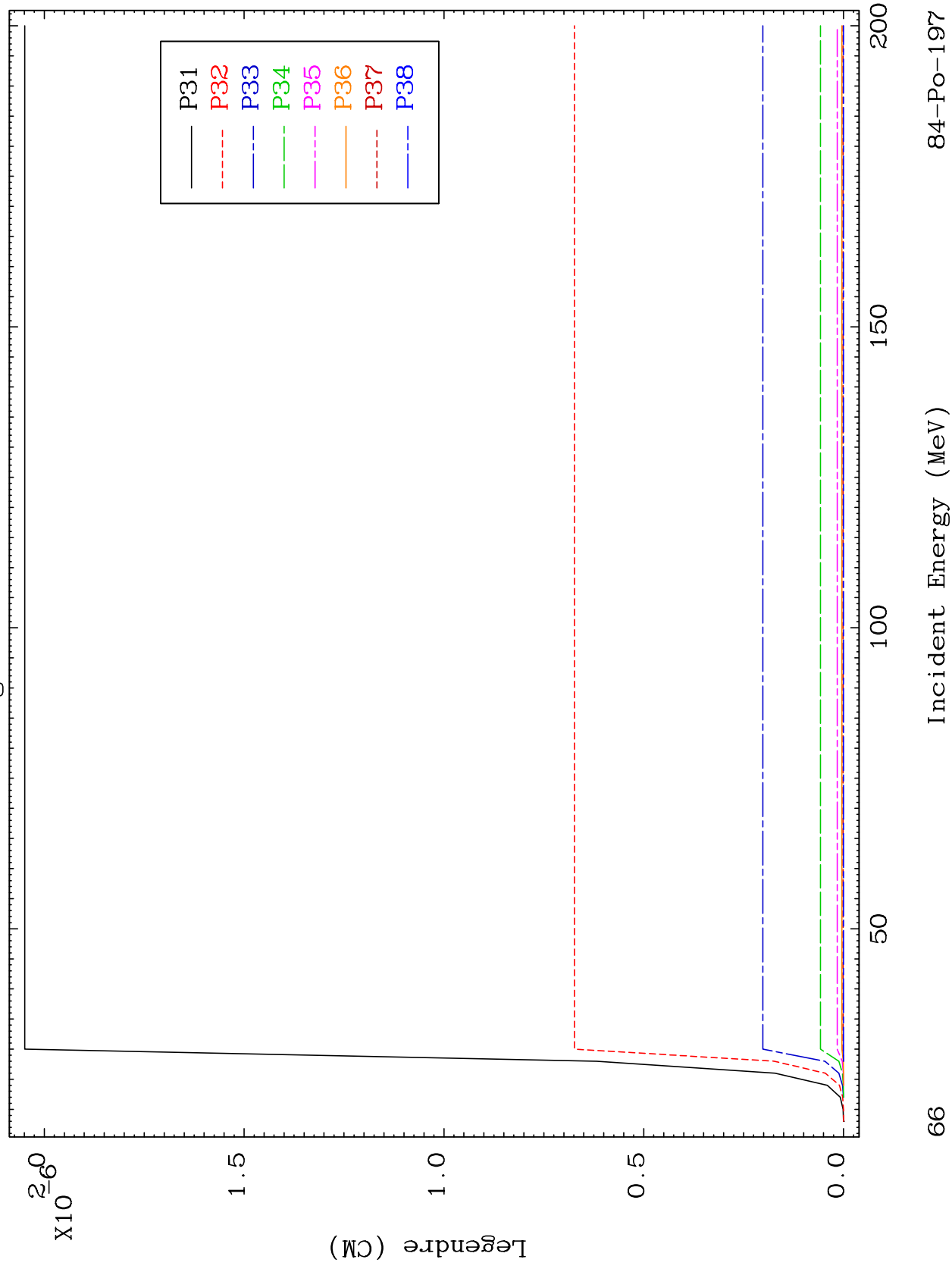




MAT 8398

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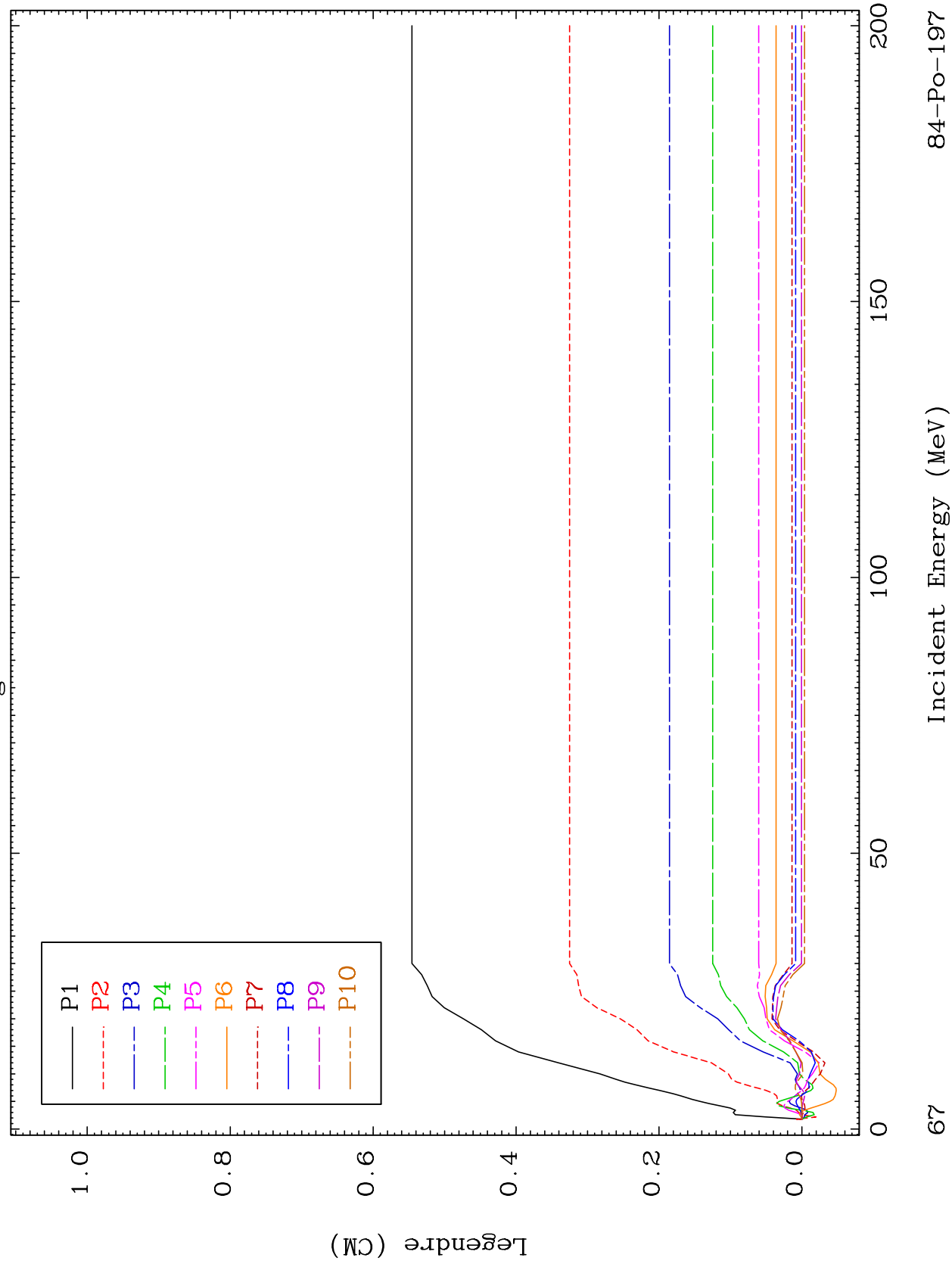
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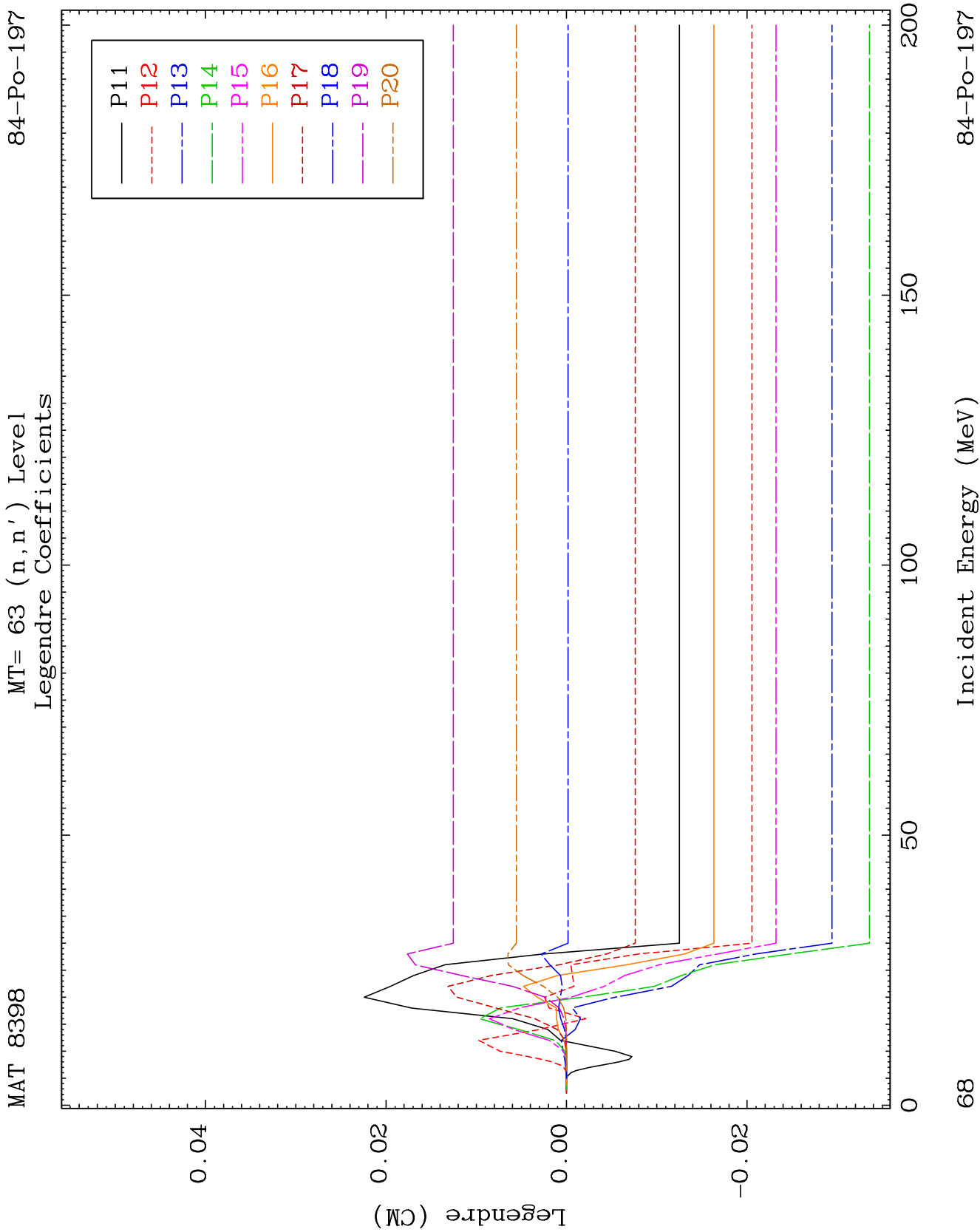


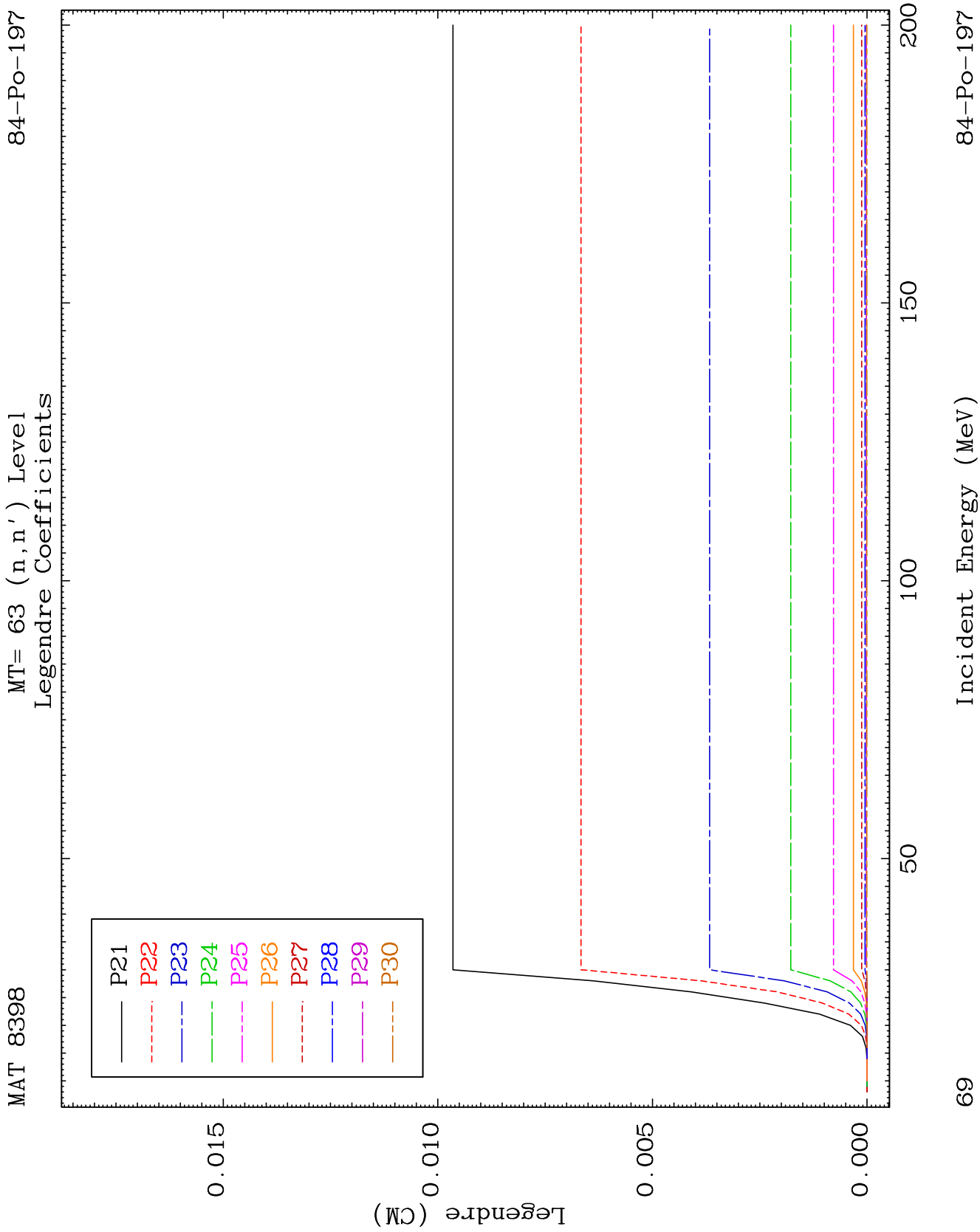
MAT 8398

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

84-Po-197



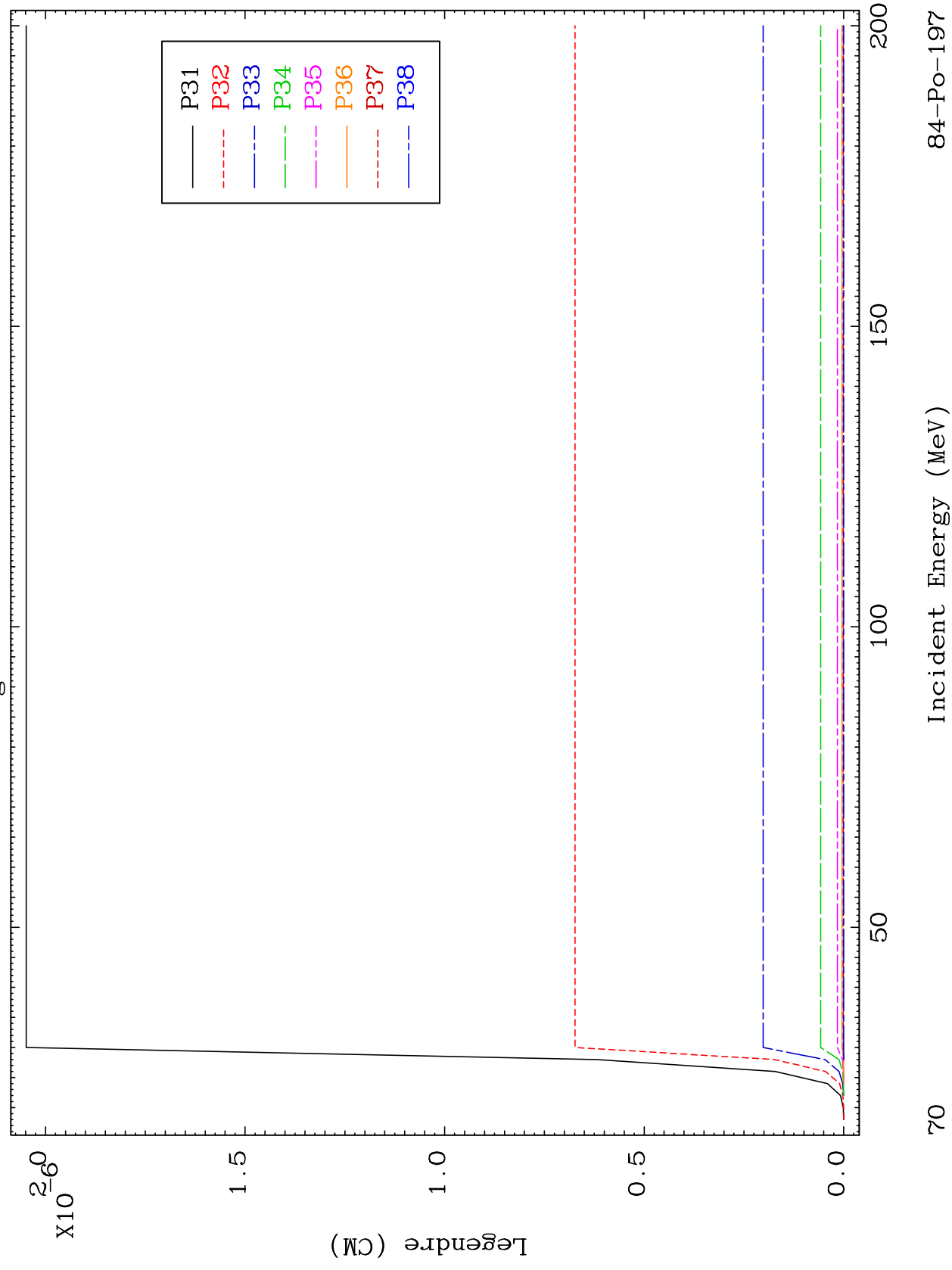




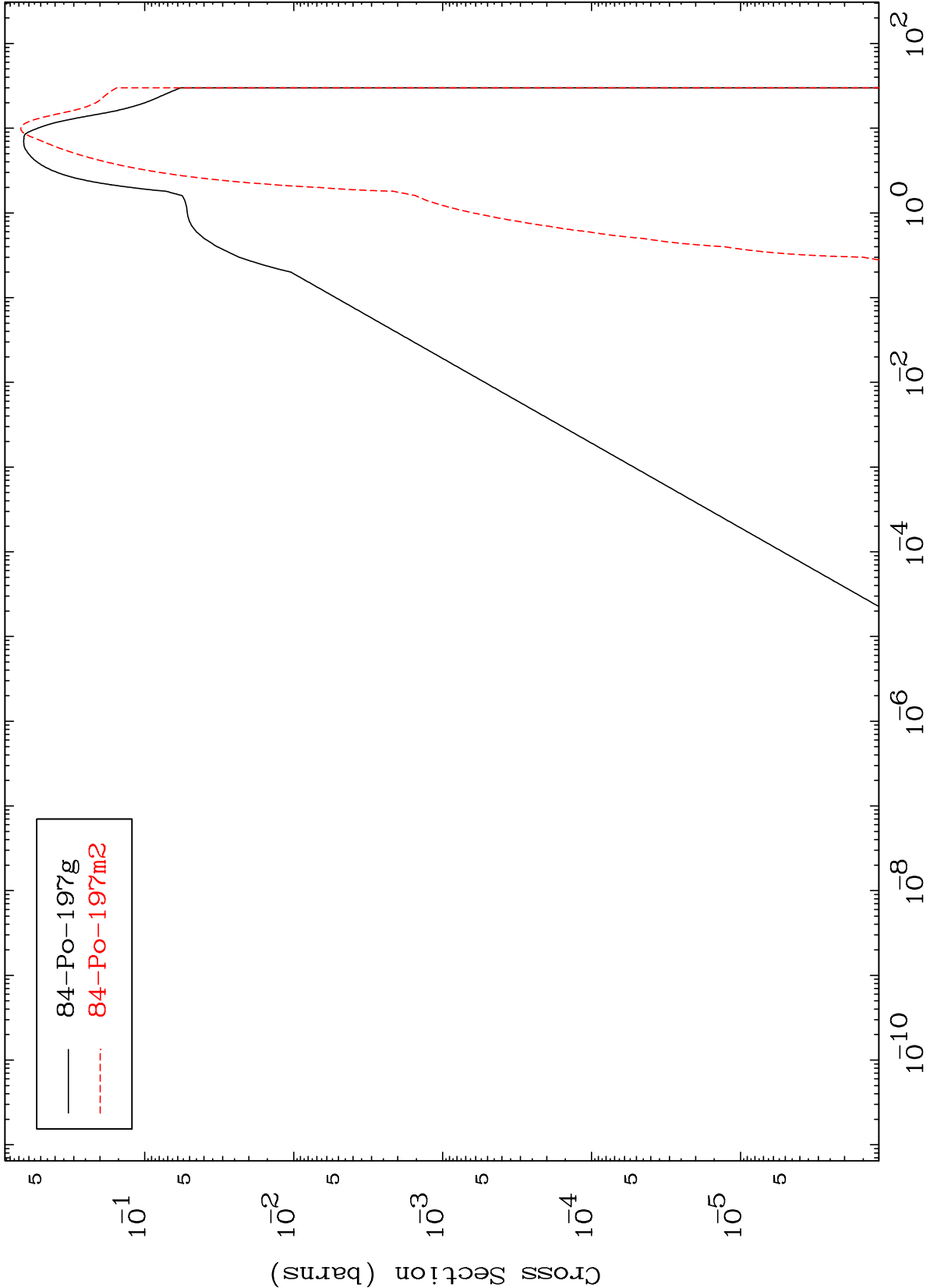
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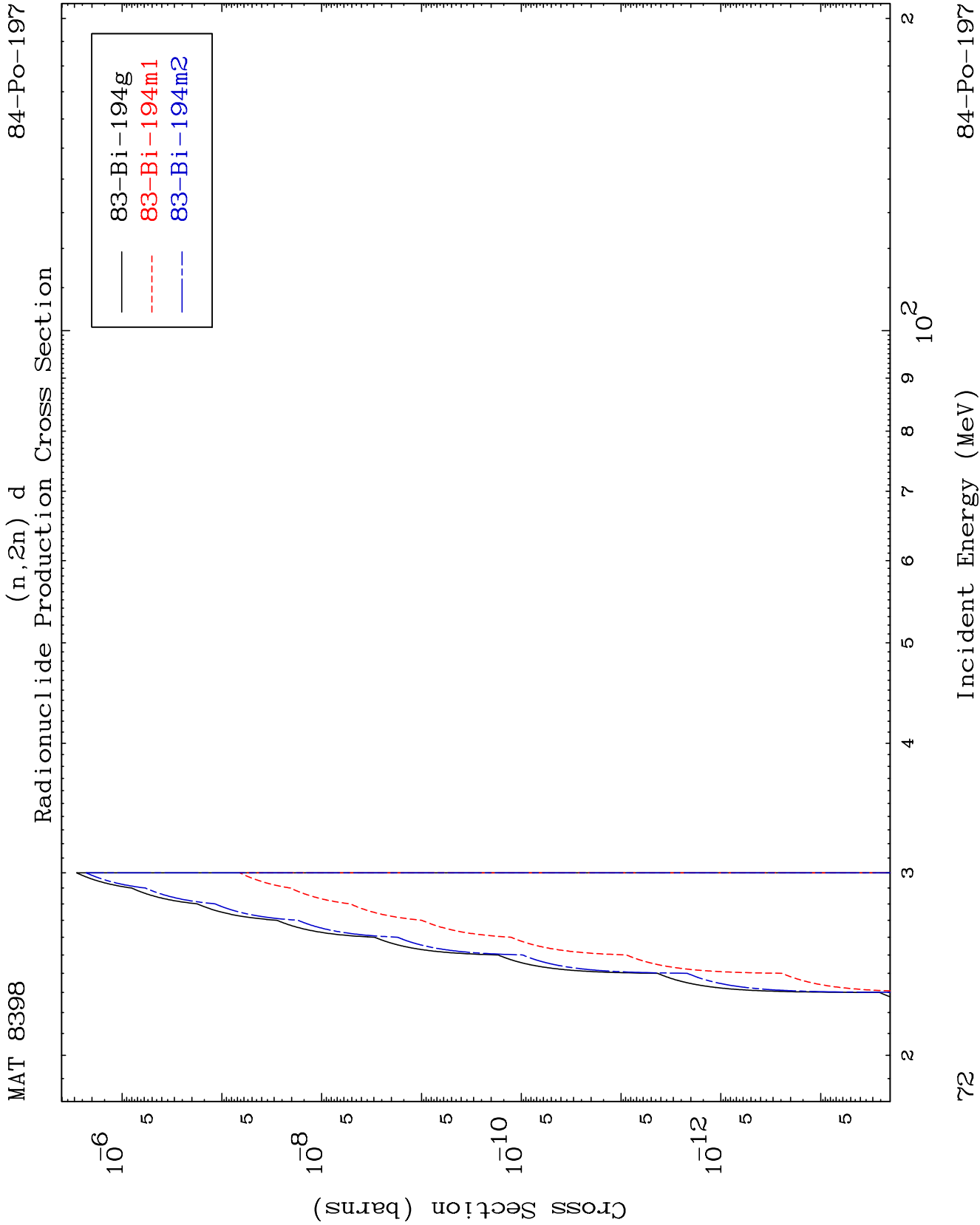
MT= 63 (n, n') Level  
Legendre Coefficients

84-Po-197



Inelastic  
Radionuclide Production Cross Section

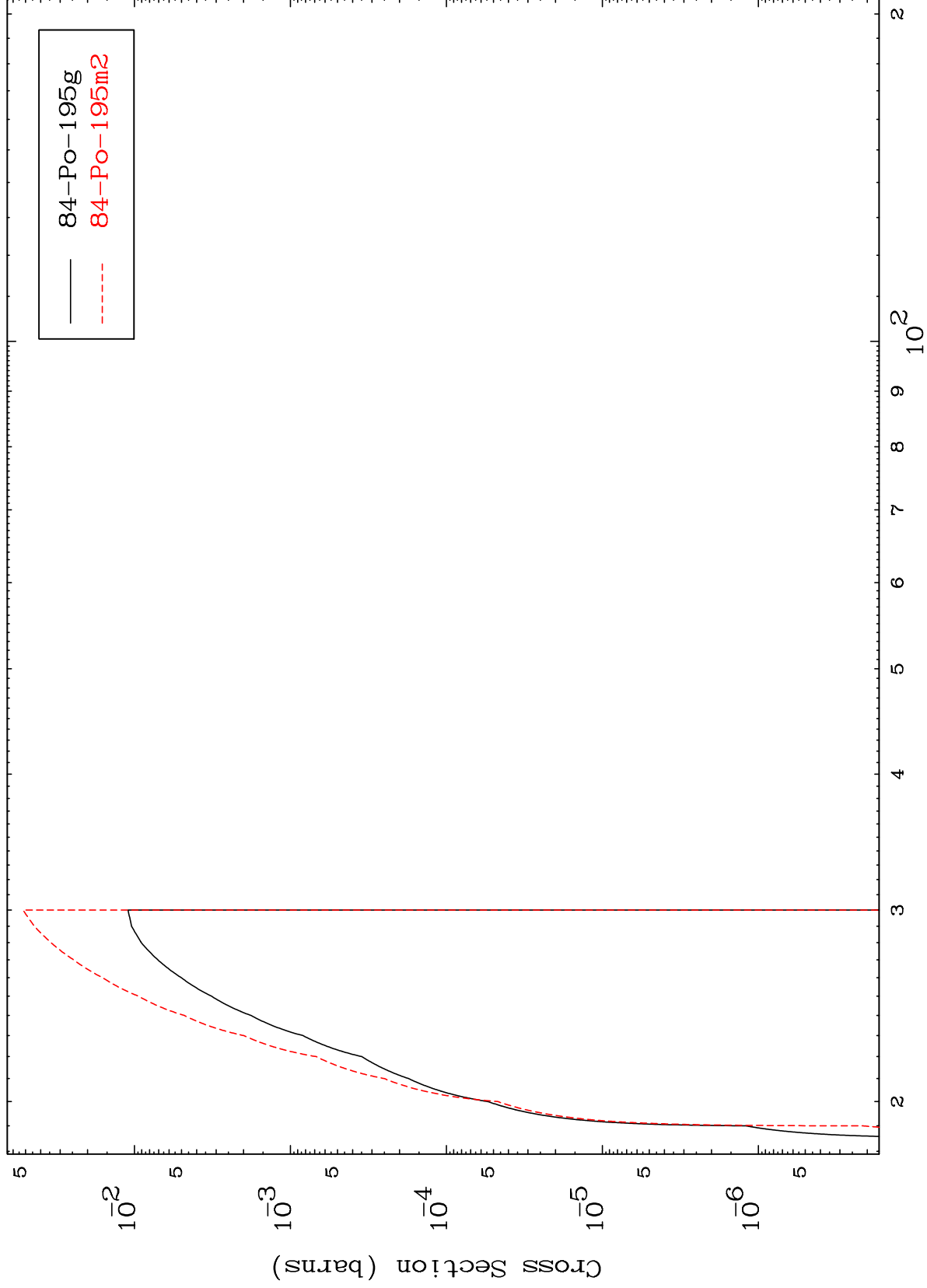




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(n,3n)  
Radionuclide Production Cross Section

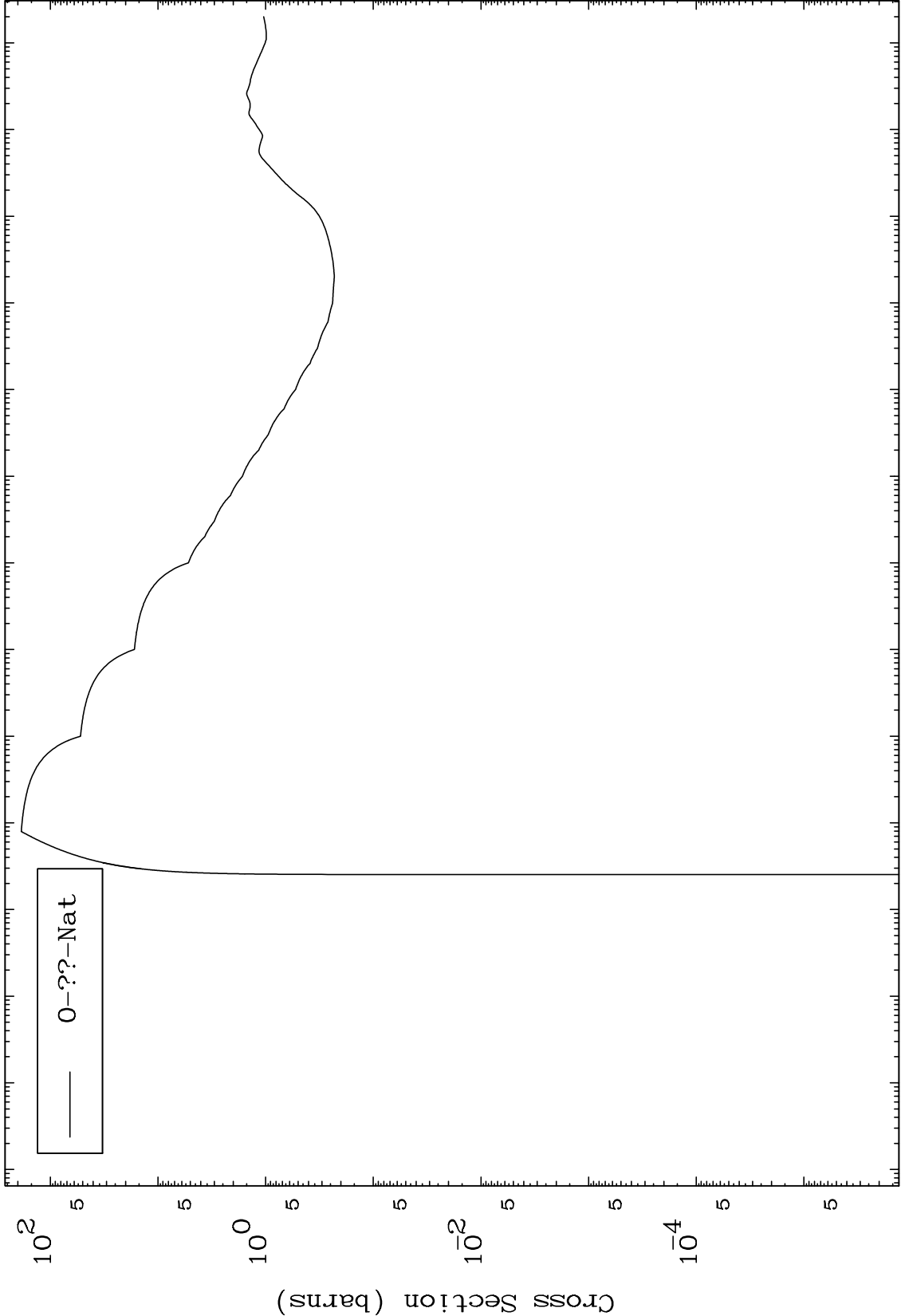


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Incident Energy (MeV)

73

Fission  
Radionuclide Production Cross Section



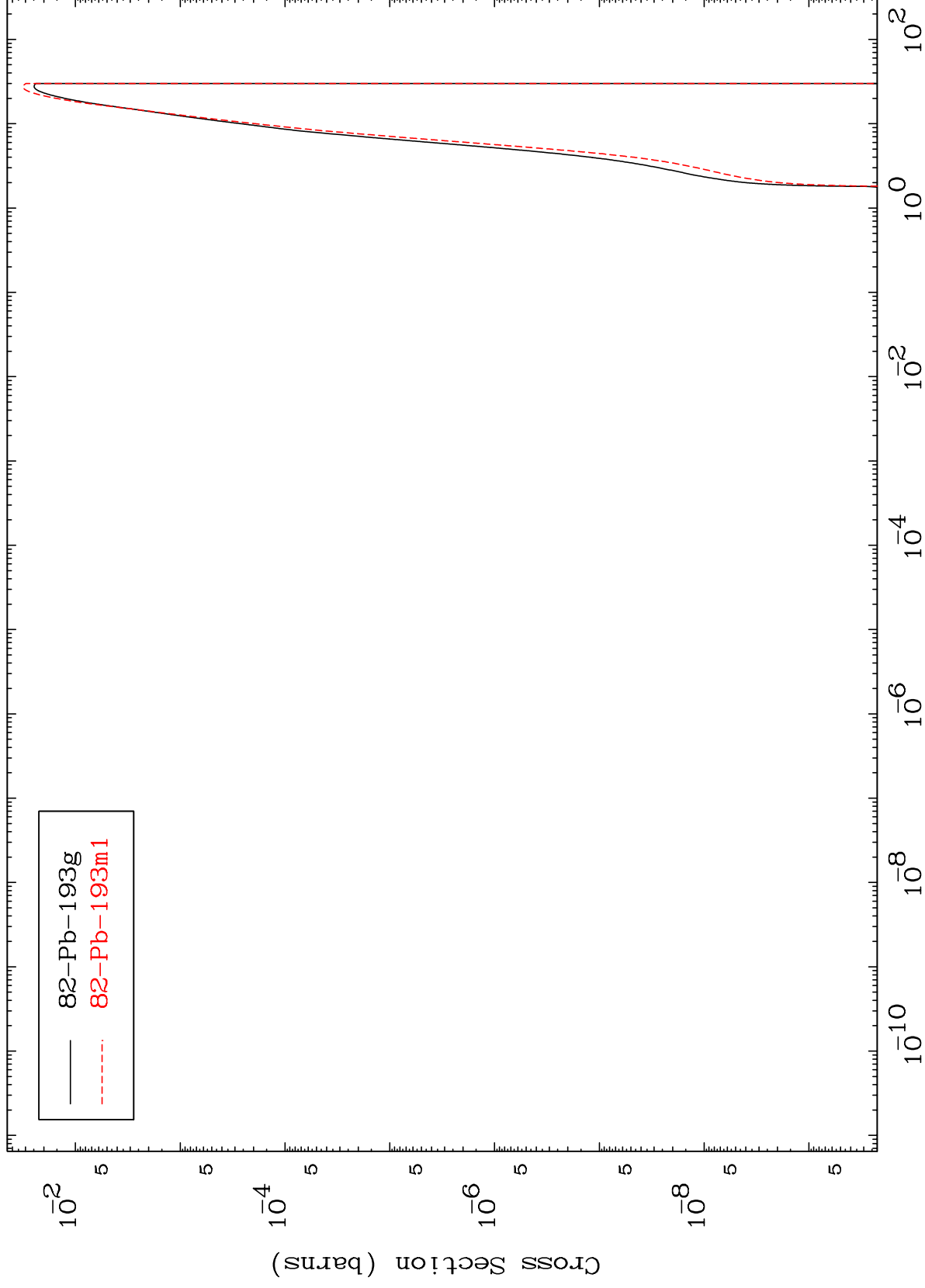
0-??-Nat

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$(n,n') \alpha$

84-Po-197

Radionuclide Production Cross Section

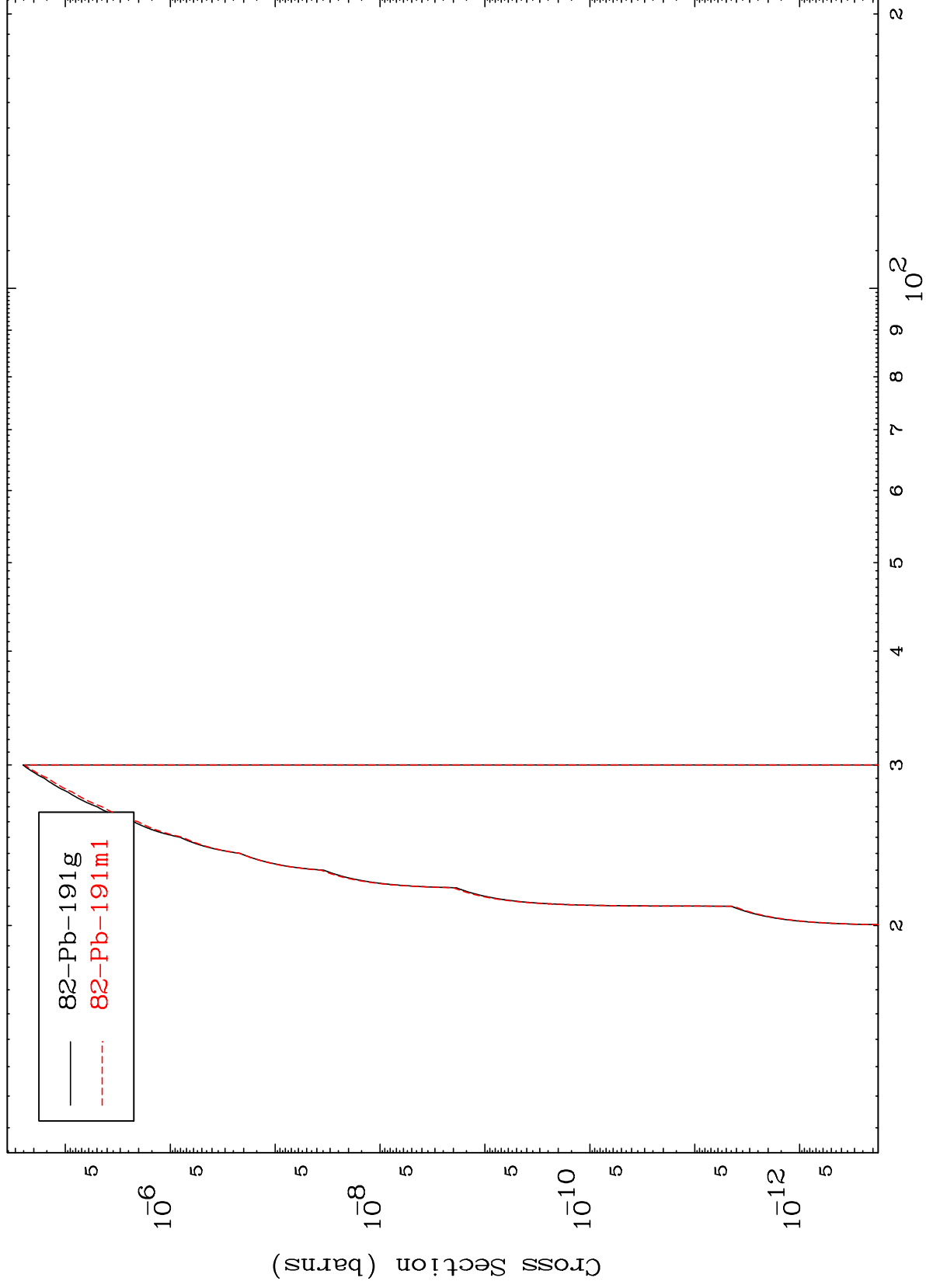


75

Incident Energy (MeV)

84-Po-197

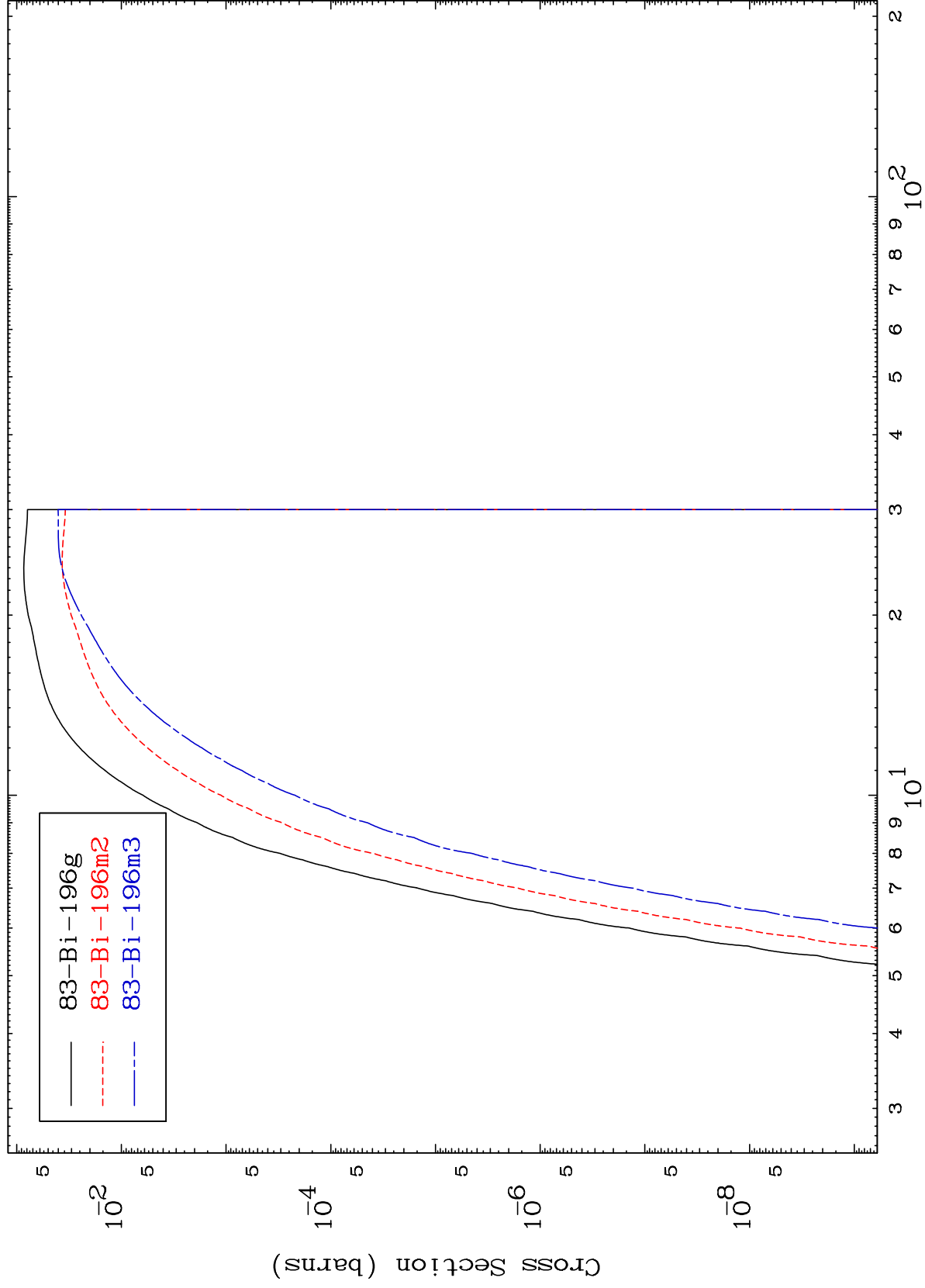
Radionuclide Production Cross Section



MAT 8398

84-Po-197

Radionuclide Production Cross Section  
(n,n') p

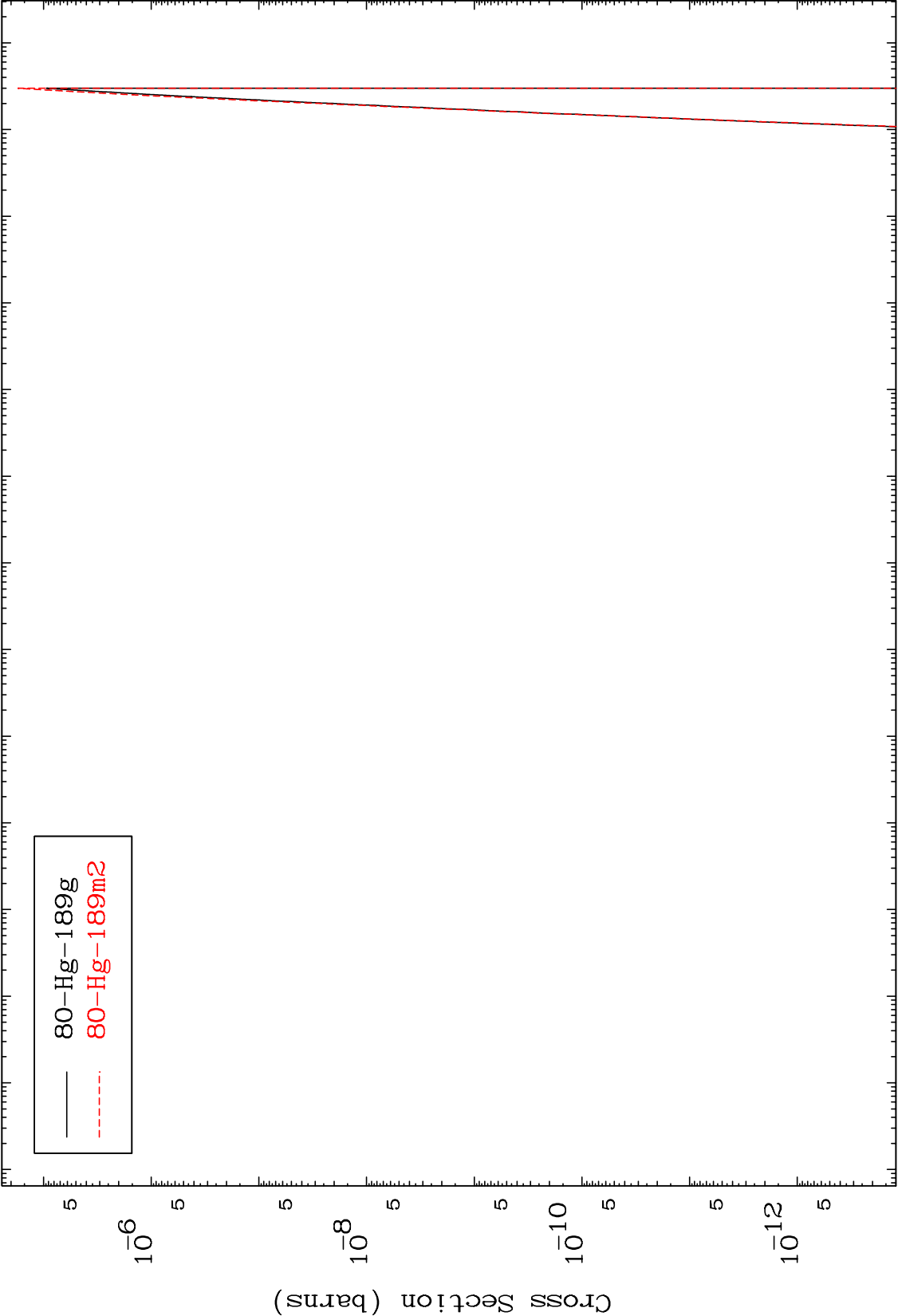


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Incident Energy (MeV)

84-Po-197

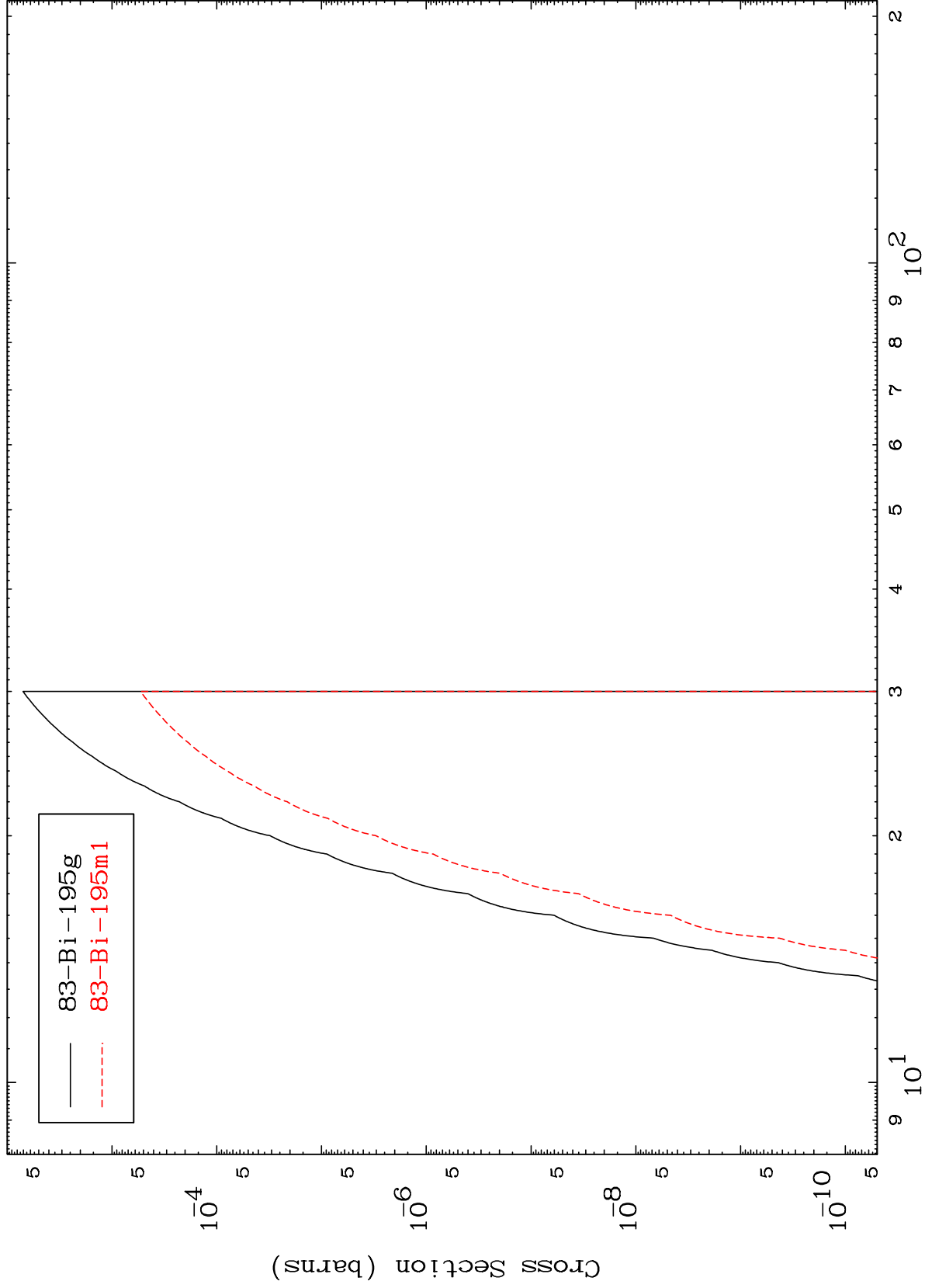
Radionuclide Production Cross Section



MAT 8398

84-Po-197

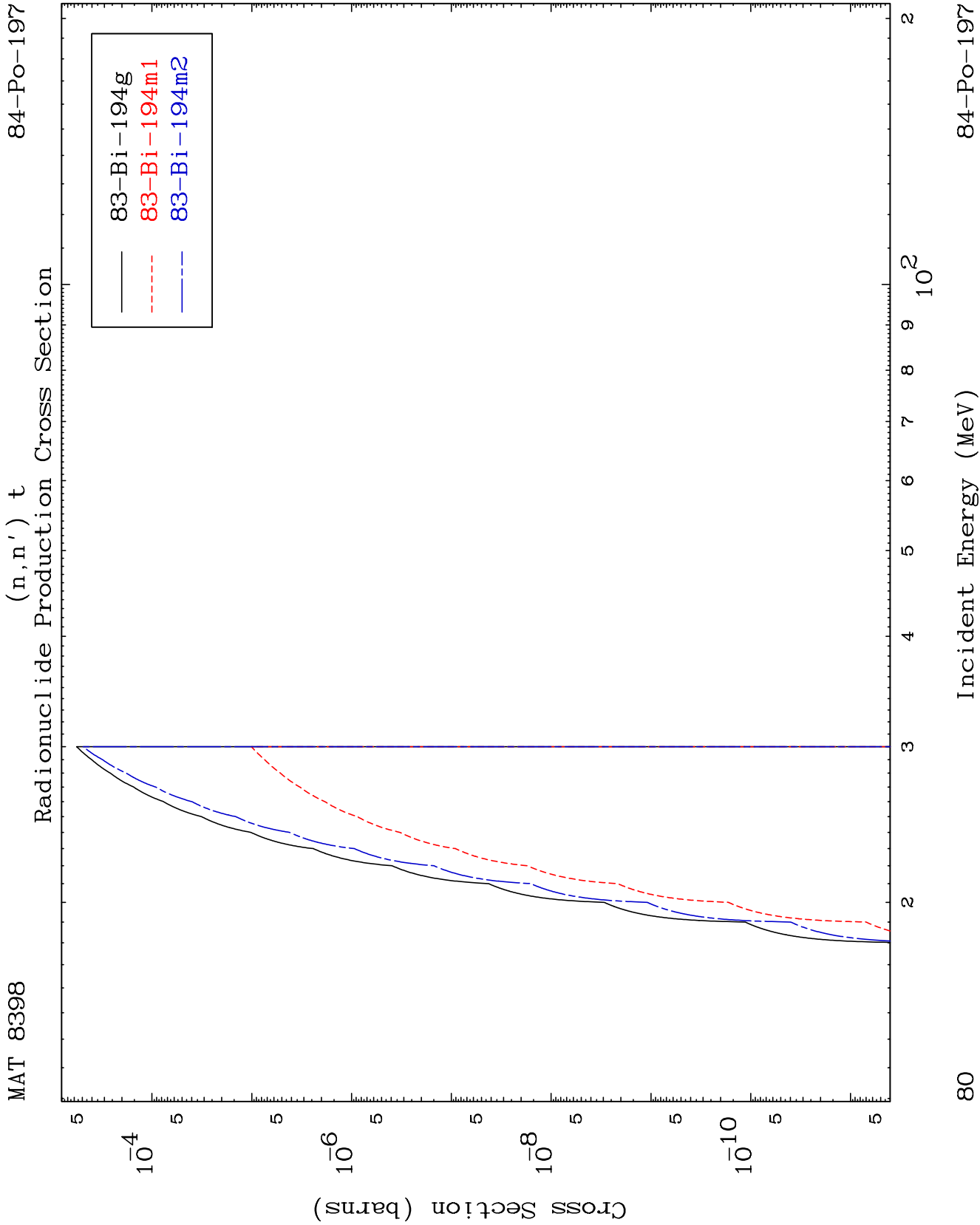
Radionuclide Production Cross Section  
(n,n') d



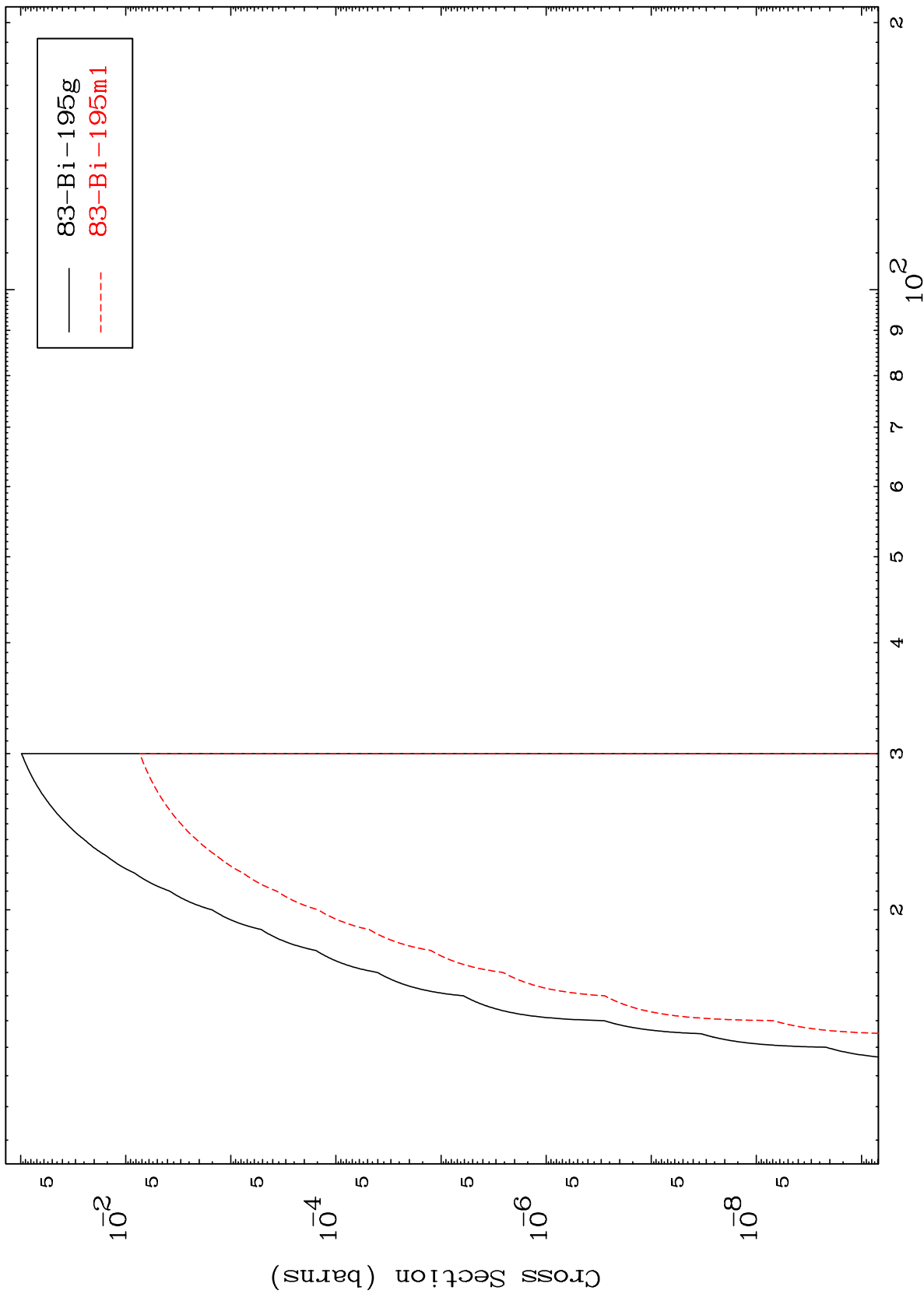
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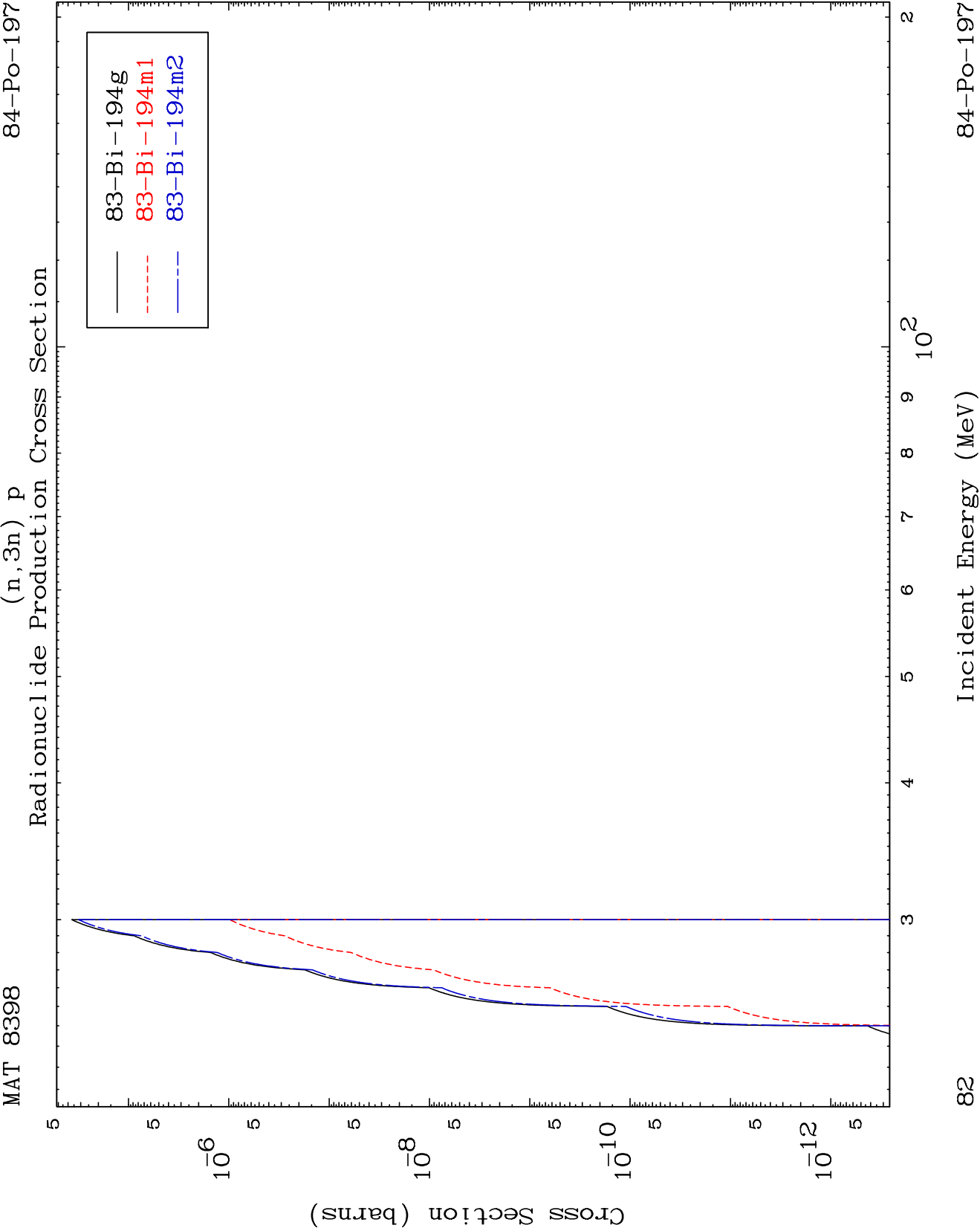
Incident Energy (MeV)

84-Po-197

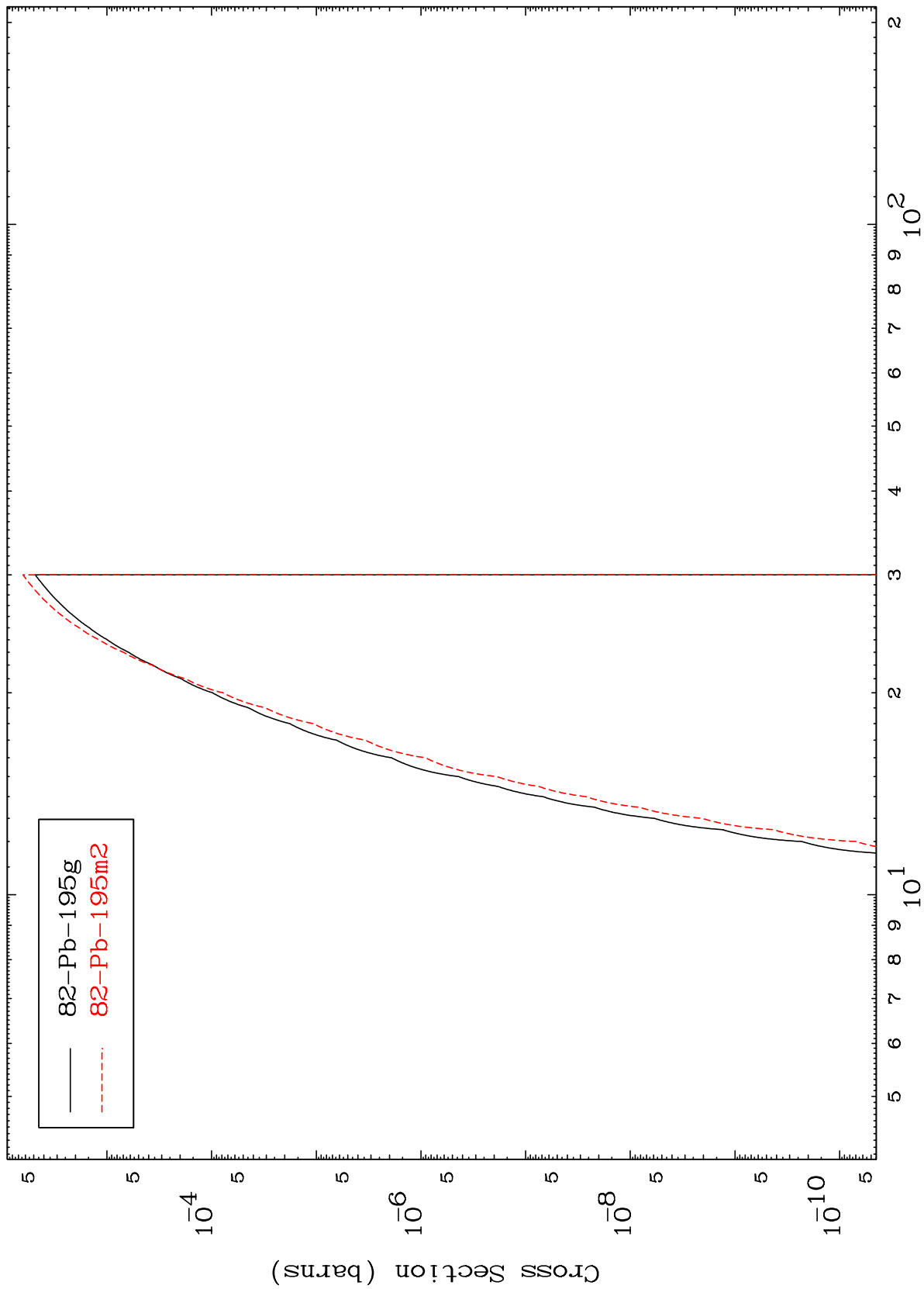


(n,2n) p  
Radionuclide Production Cross Section





Radionuclide Production Cross Section  
(n,2n) p

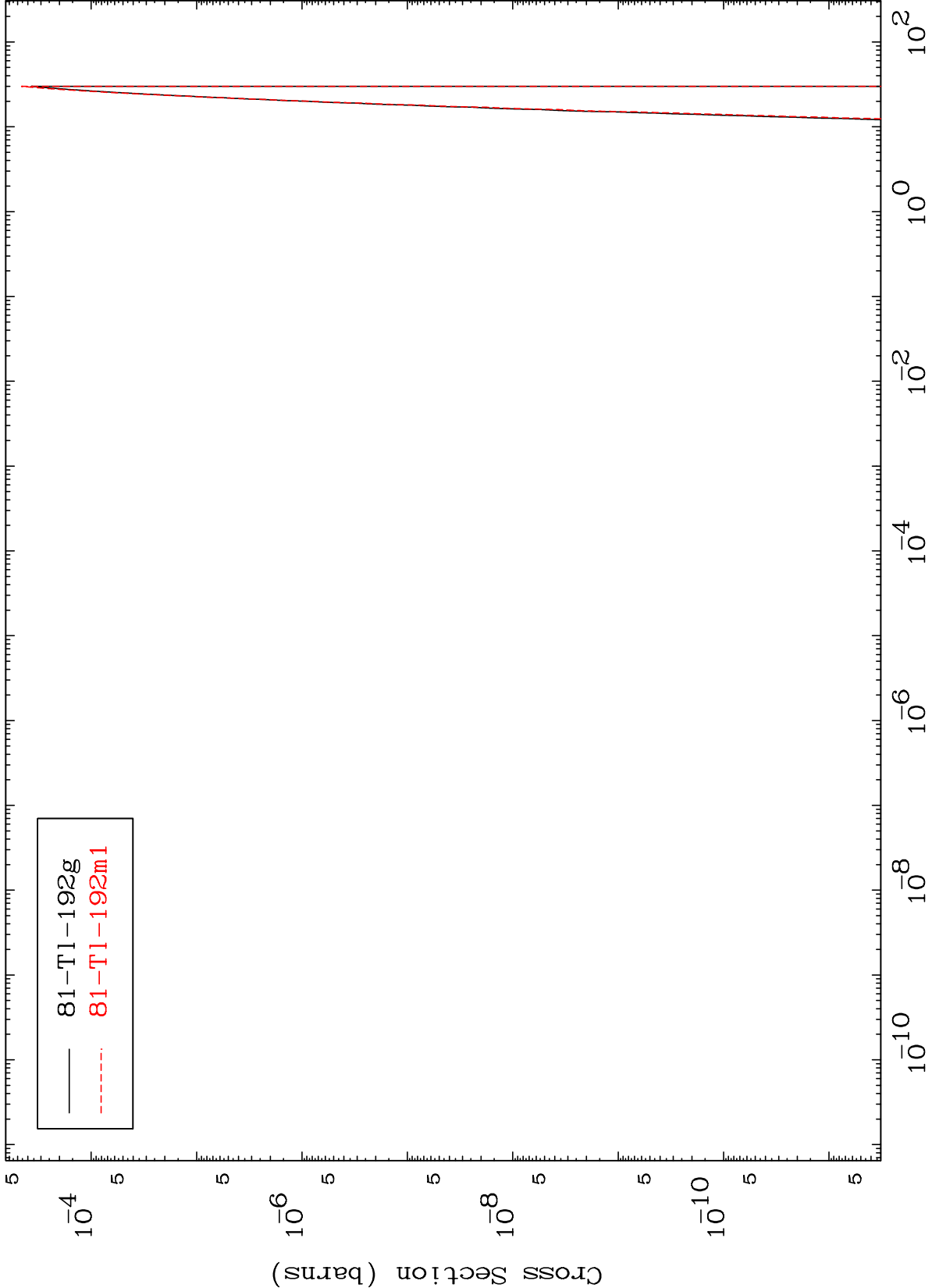


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(n,n') p  $\alpha$

84-Po-197

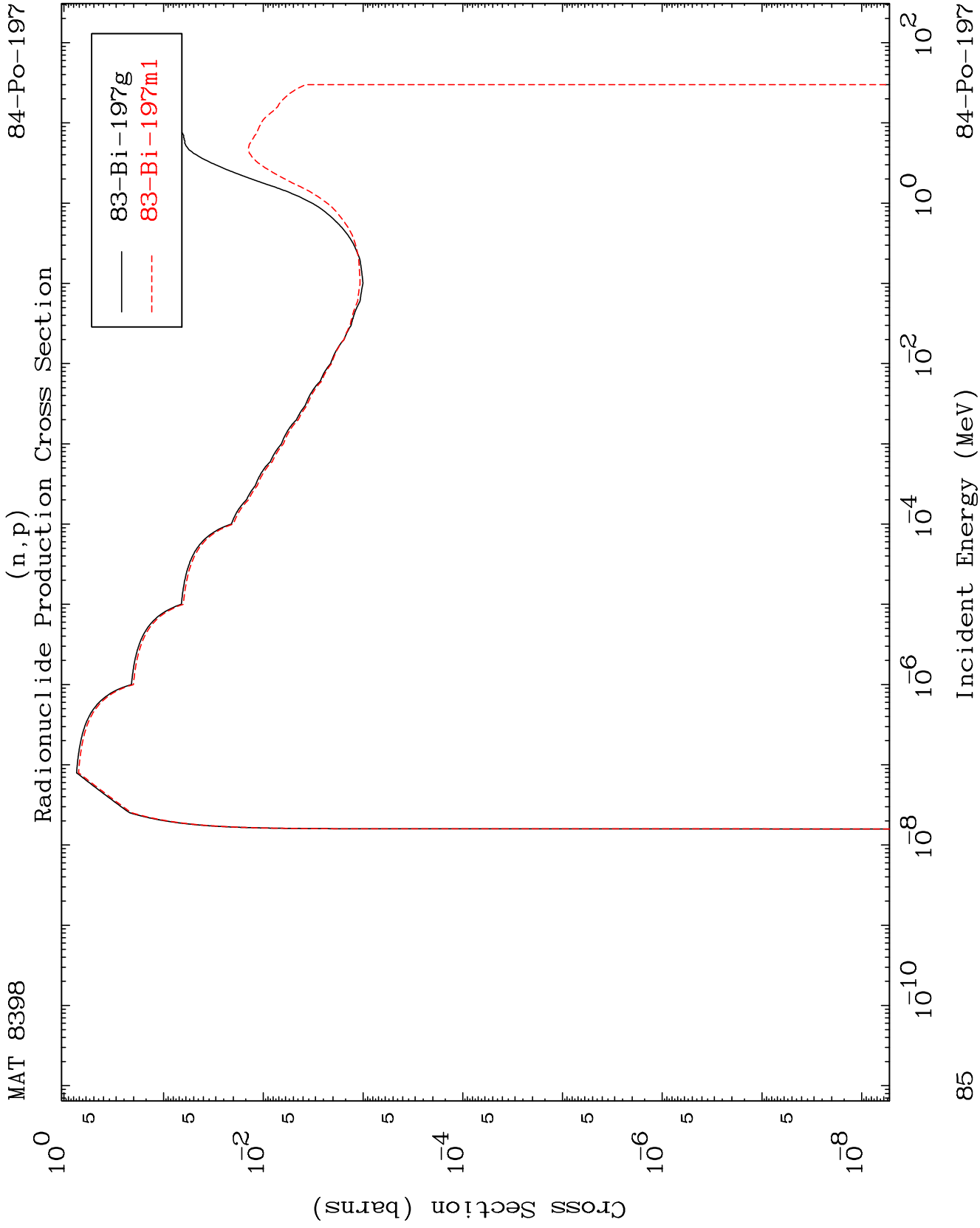
Radionuclide Production Cross Section



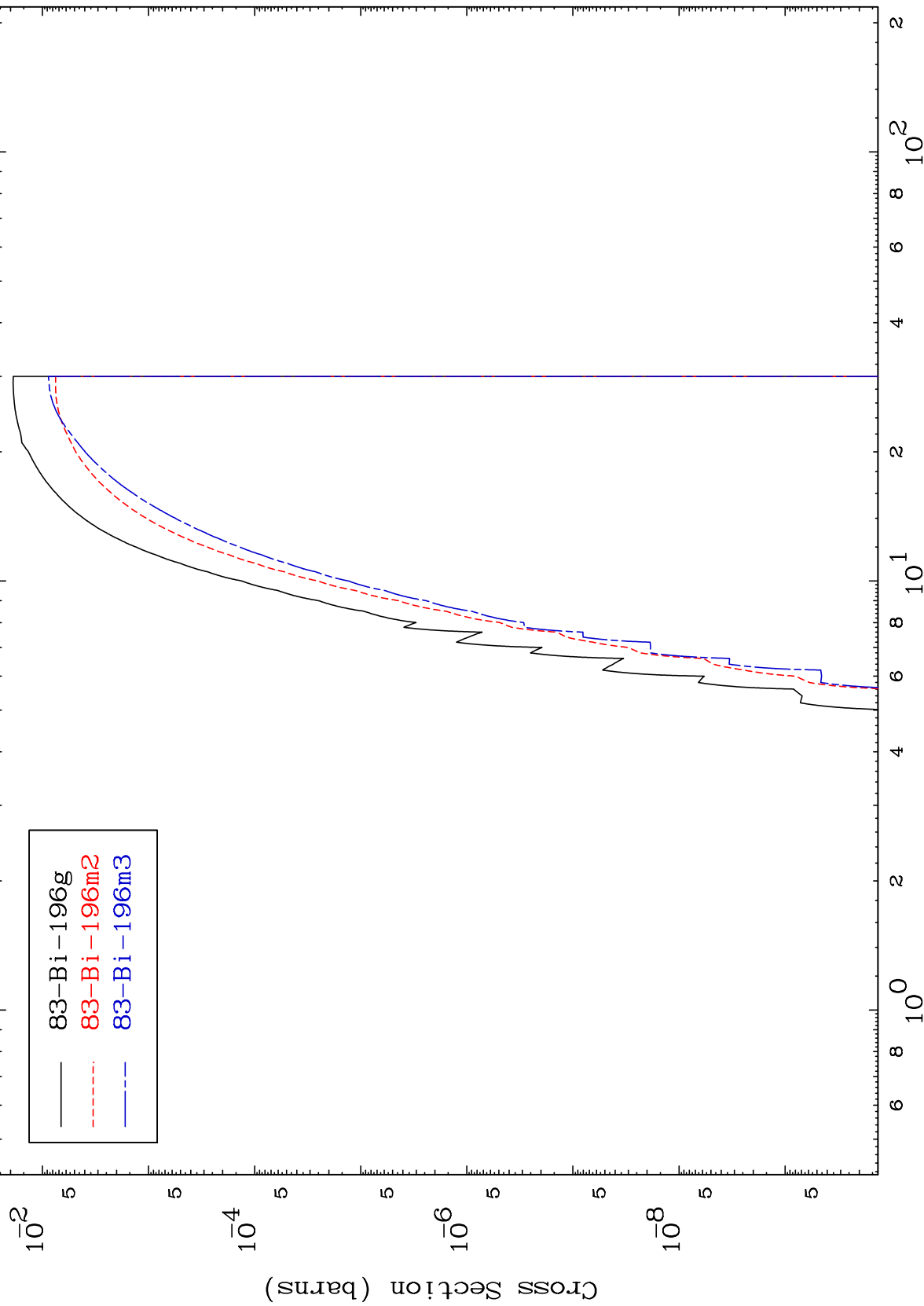
84

Incident Energy (MeV)

84-Po-197



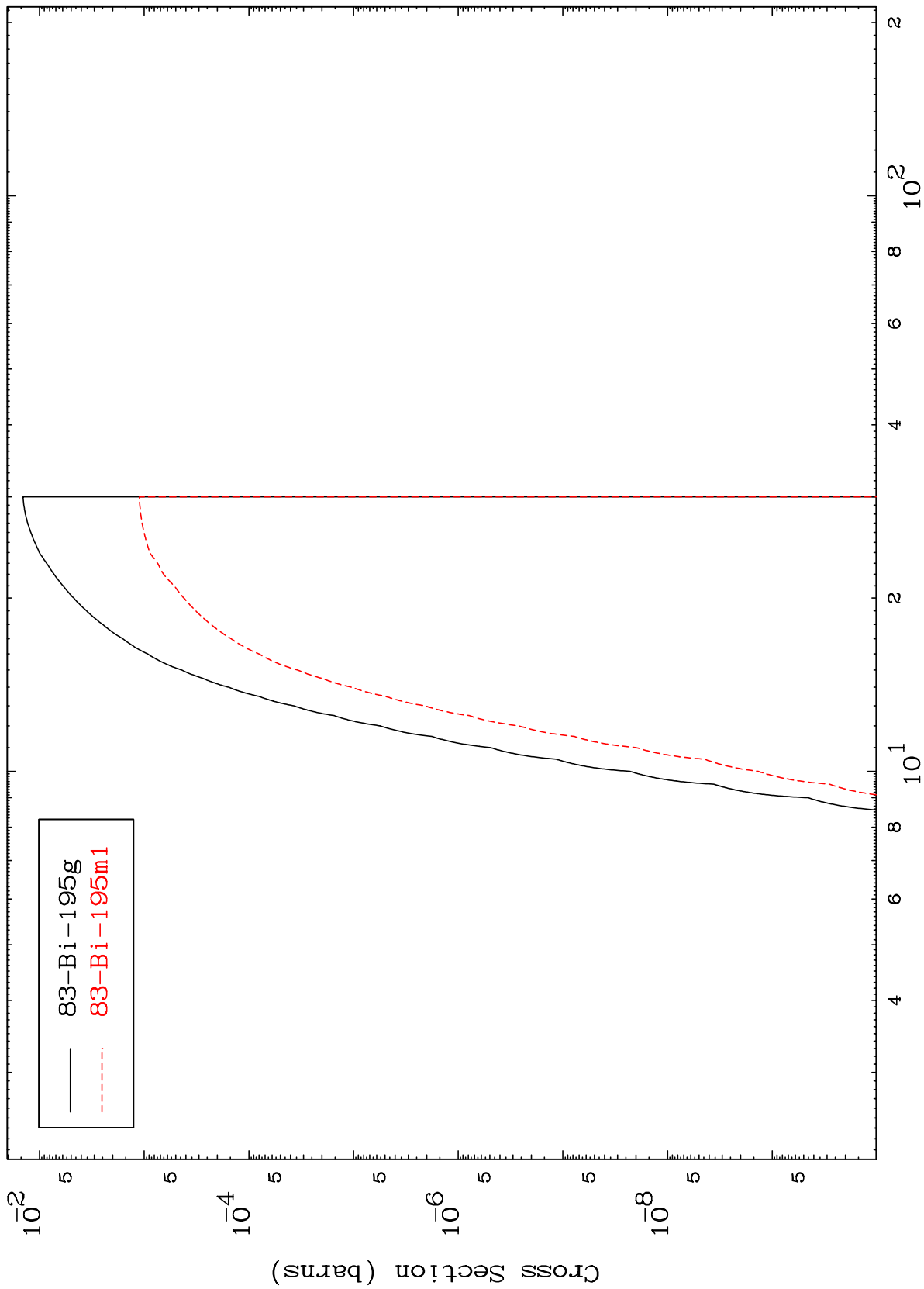
(n,d)  
Radionuclide Production Cross Section



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84-Po-197

Radionuclide Production Cross Section  
(n,t)



87

Incident Energy (MeV)

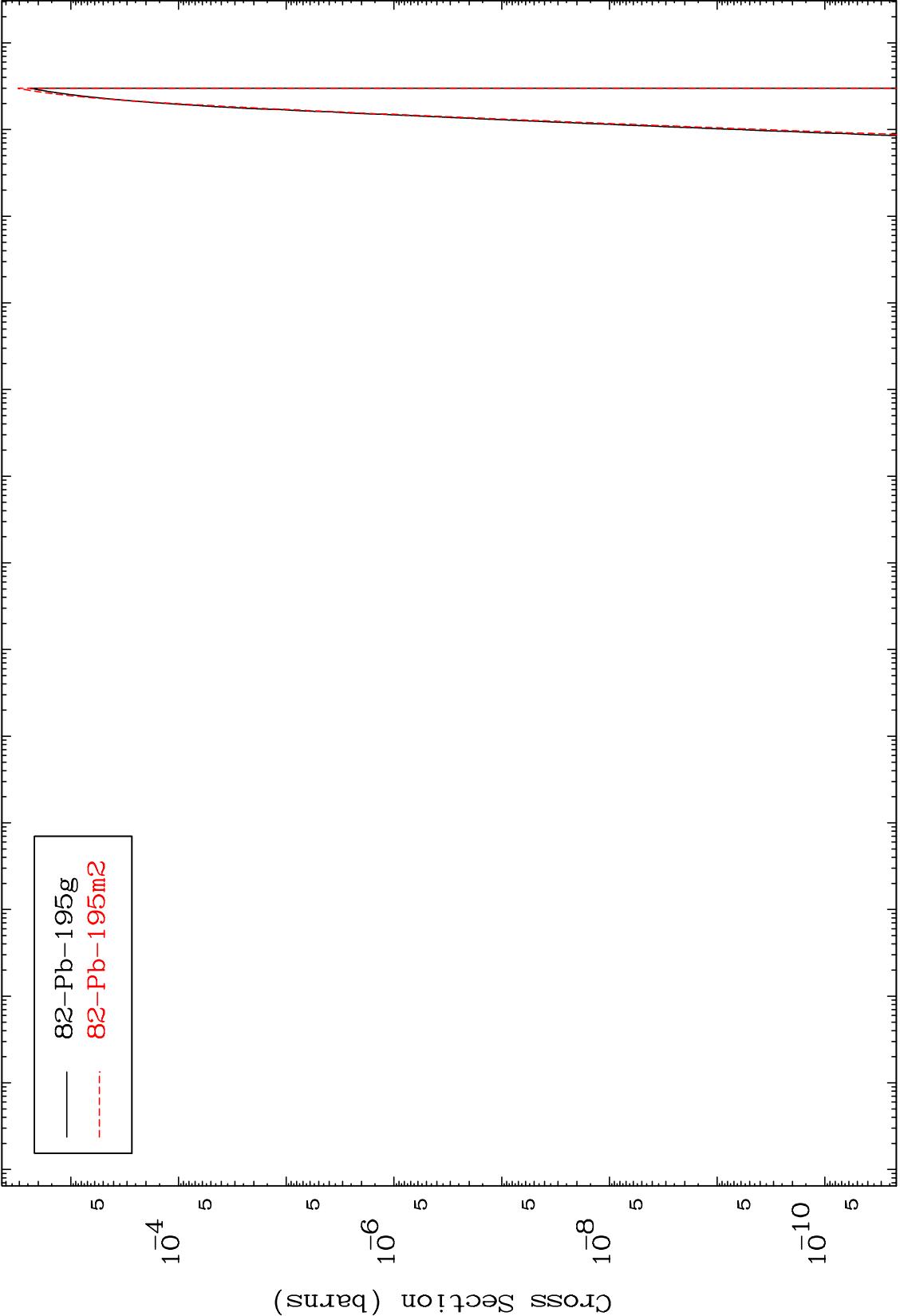
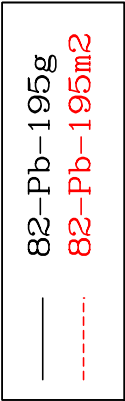
84-Po-197

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(n,He-3)

84-Po-197

Radionuclide Production Cross Section



88

Incident Energy (MeV)

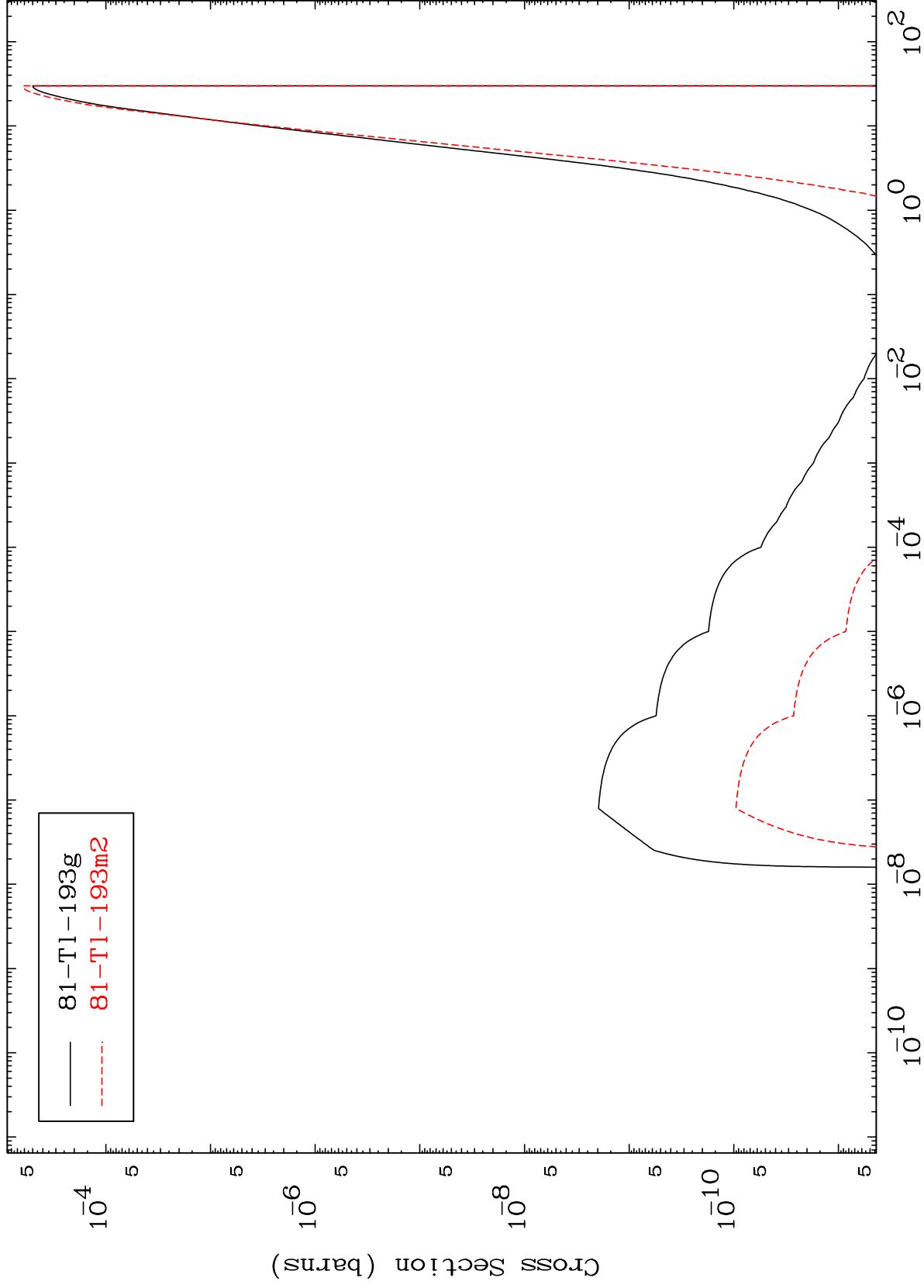
84-Po-197

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(n,p)  $\alpha$

84-Po-197

Radionuclide Production Cross Section



89

Incident Energy (MeV)

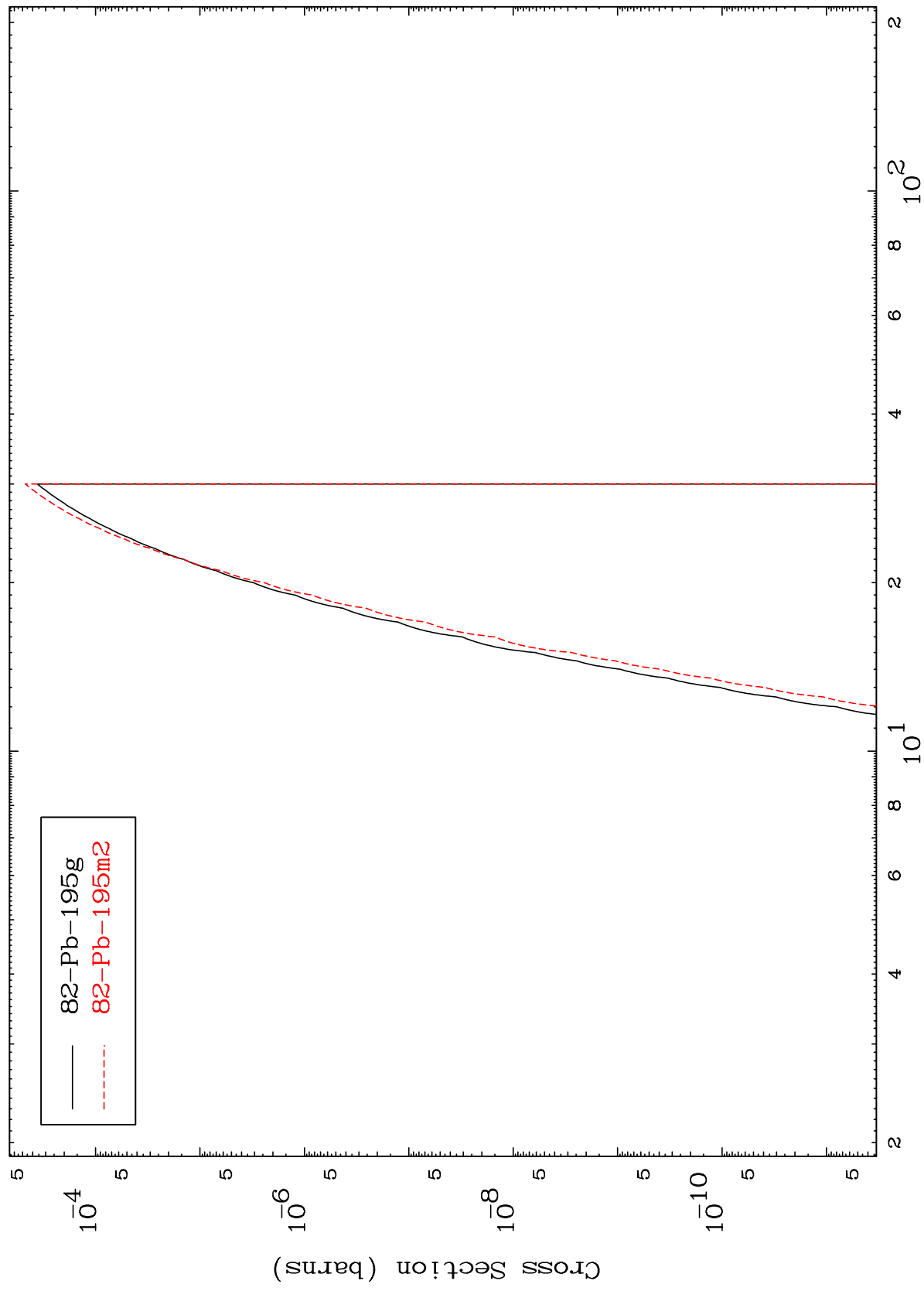
84-Po-197

MAT 8398

84-Po-197

(n,p) d

Radionuclide Production Cross Section



90

Incident Energy (MeV)

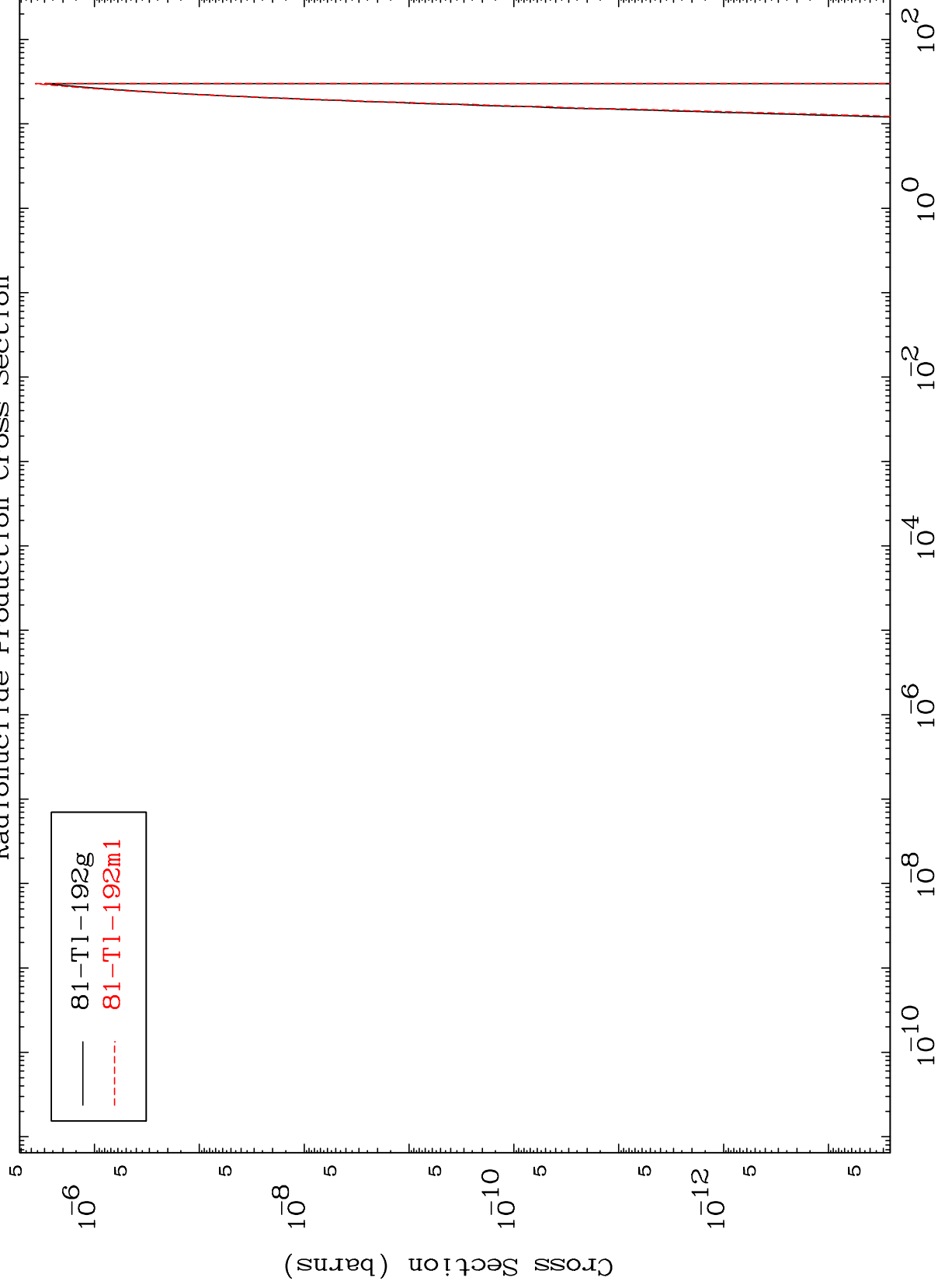
84-Po-197

MAT 8398

(n,d)  $\alpha$

84-Po-197

Radionuclide Production Cross Section



91

Incident Energy (MeV)

84-Po-197