

Program EVALPLOT  
(Version 2015-2)

by

Dermott E. Cullen  
(Present Contact Information)

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

Tele: 925-443-1911

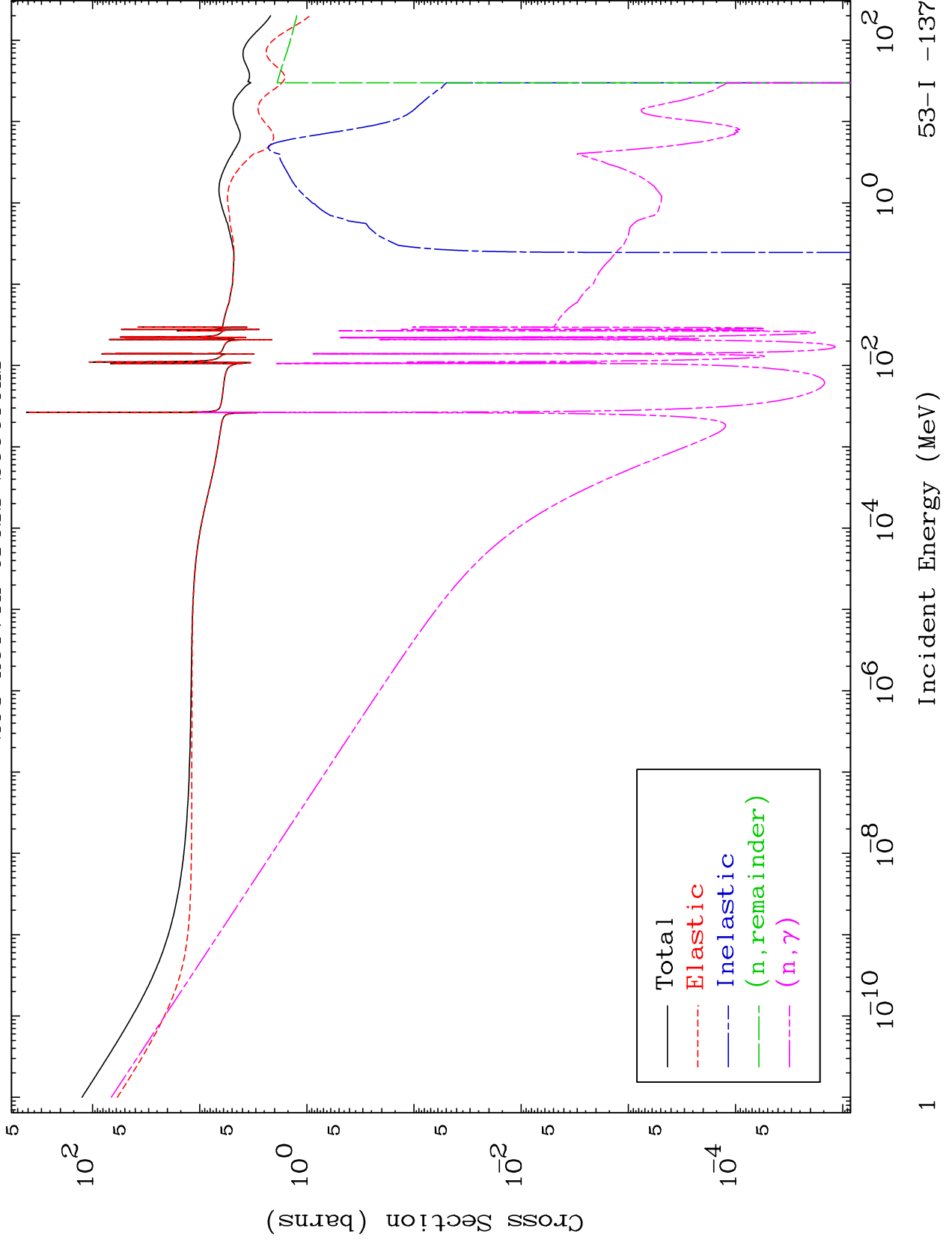
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5355

Major  
293 Kelvin Cross Sections

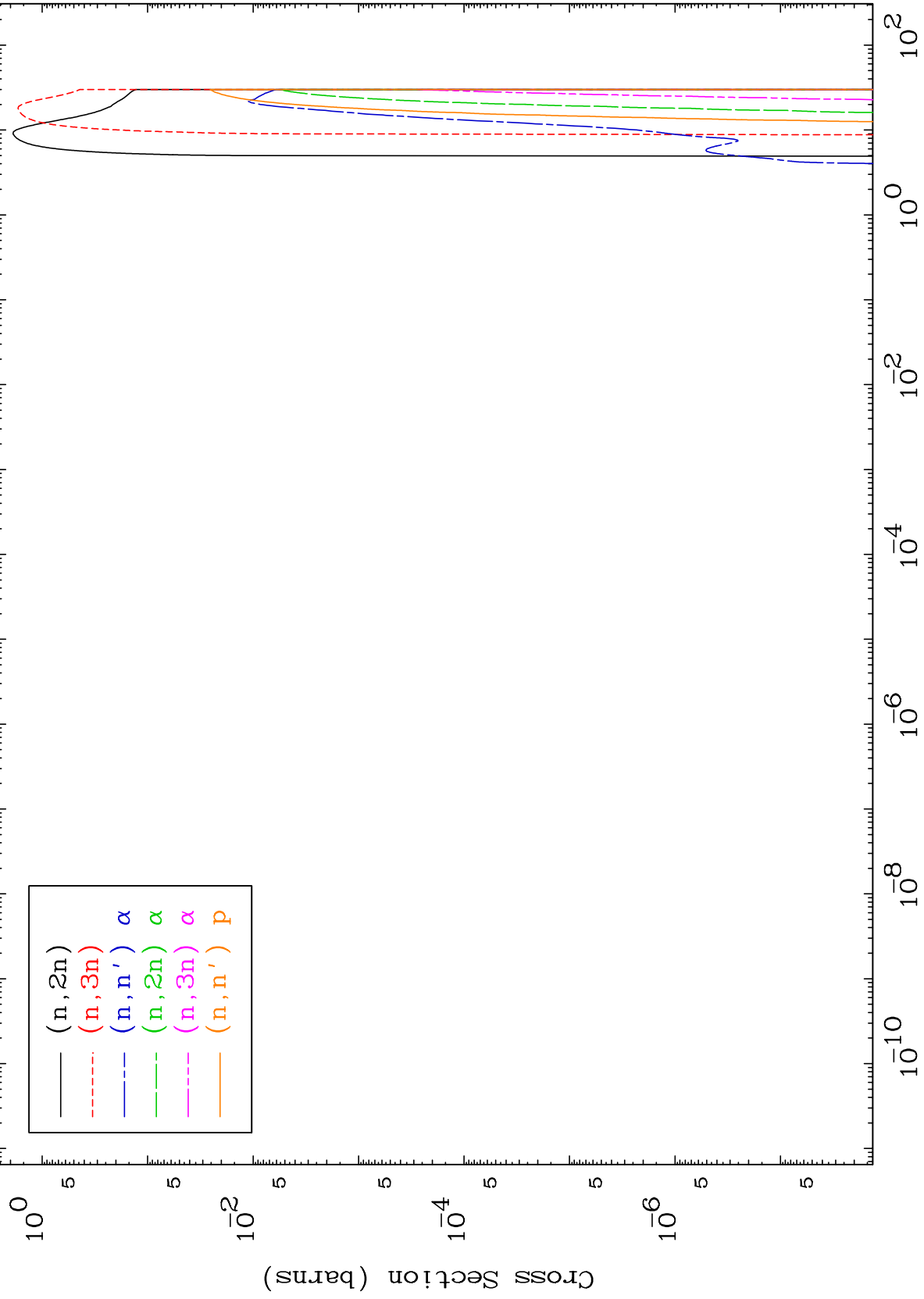
53-I -137



MAT 5355

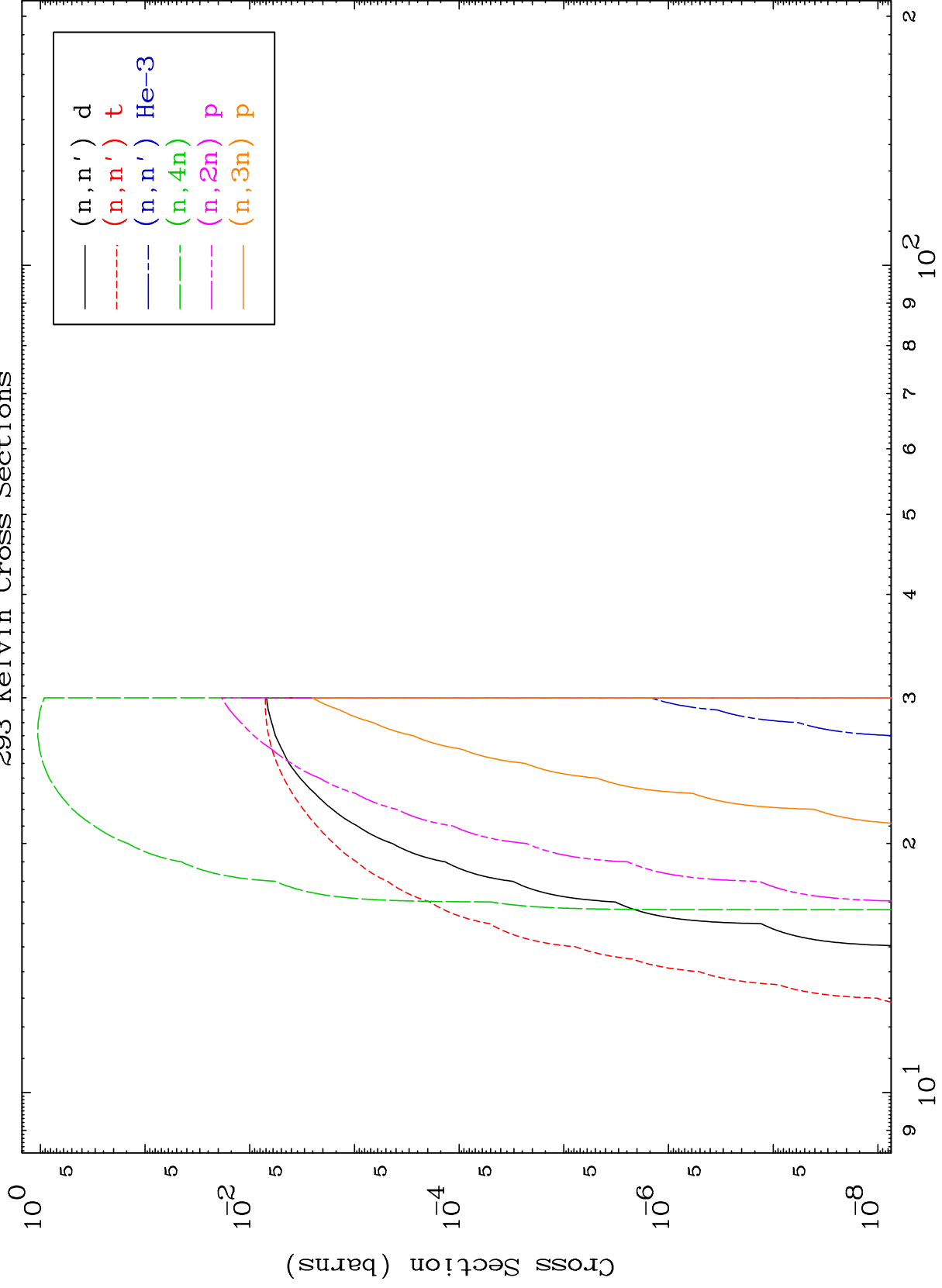
Neutron Production  
293 Kelvin Cross Sections

53-I -137



53-I -137

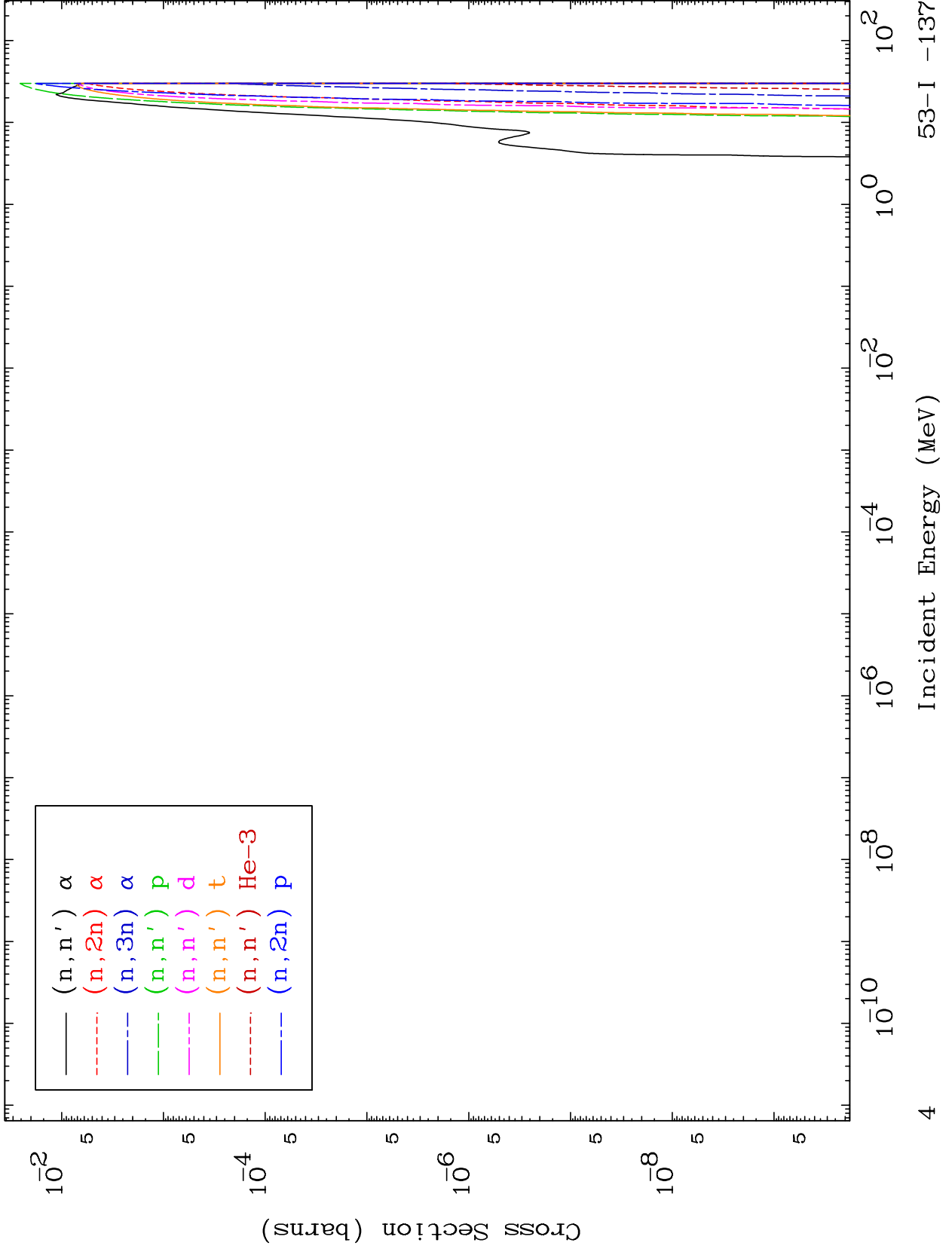
Incident Energy (MeV)

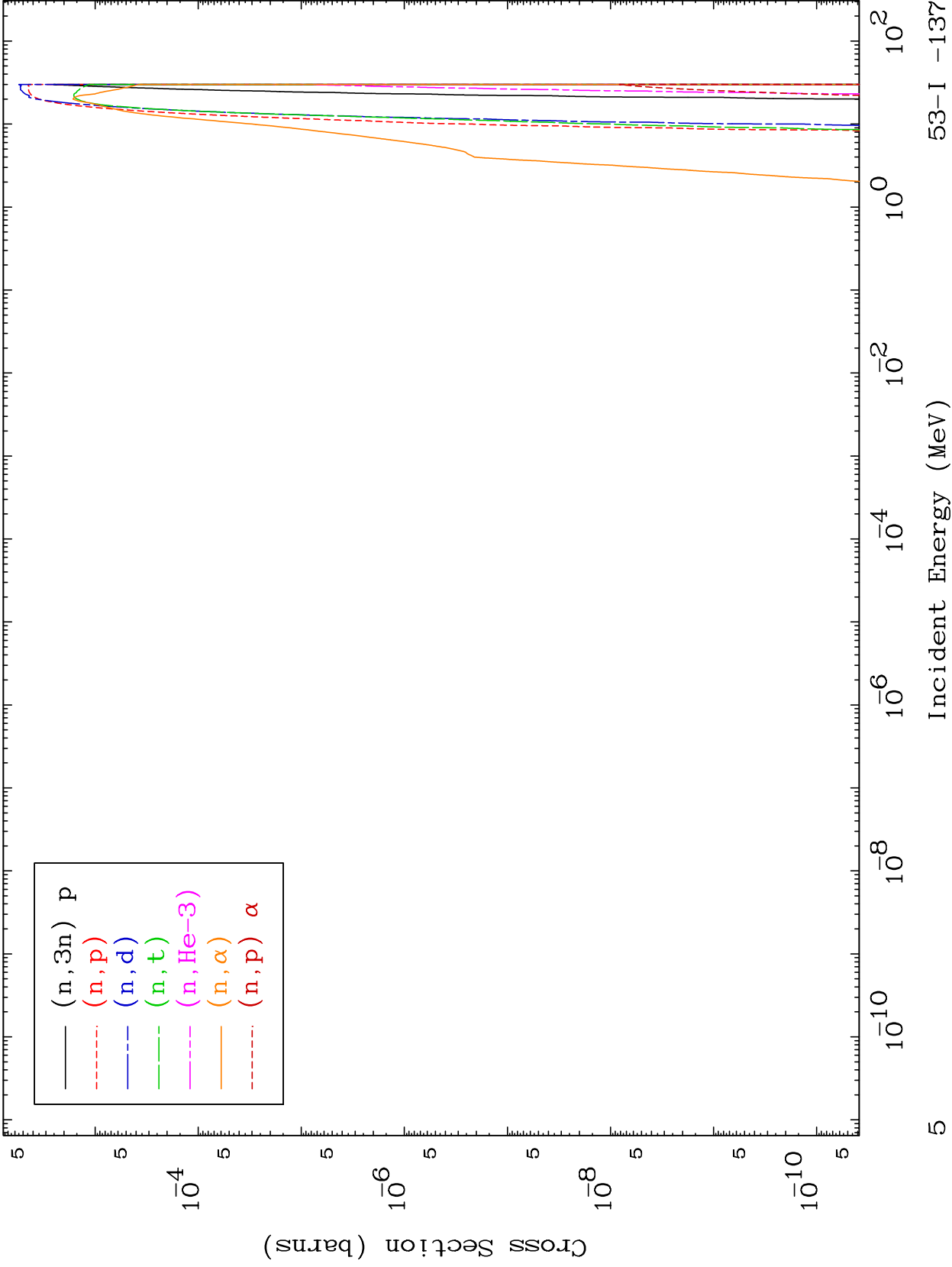


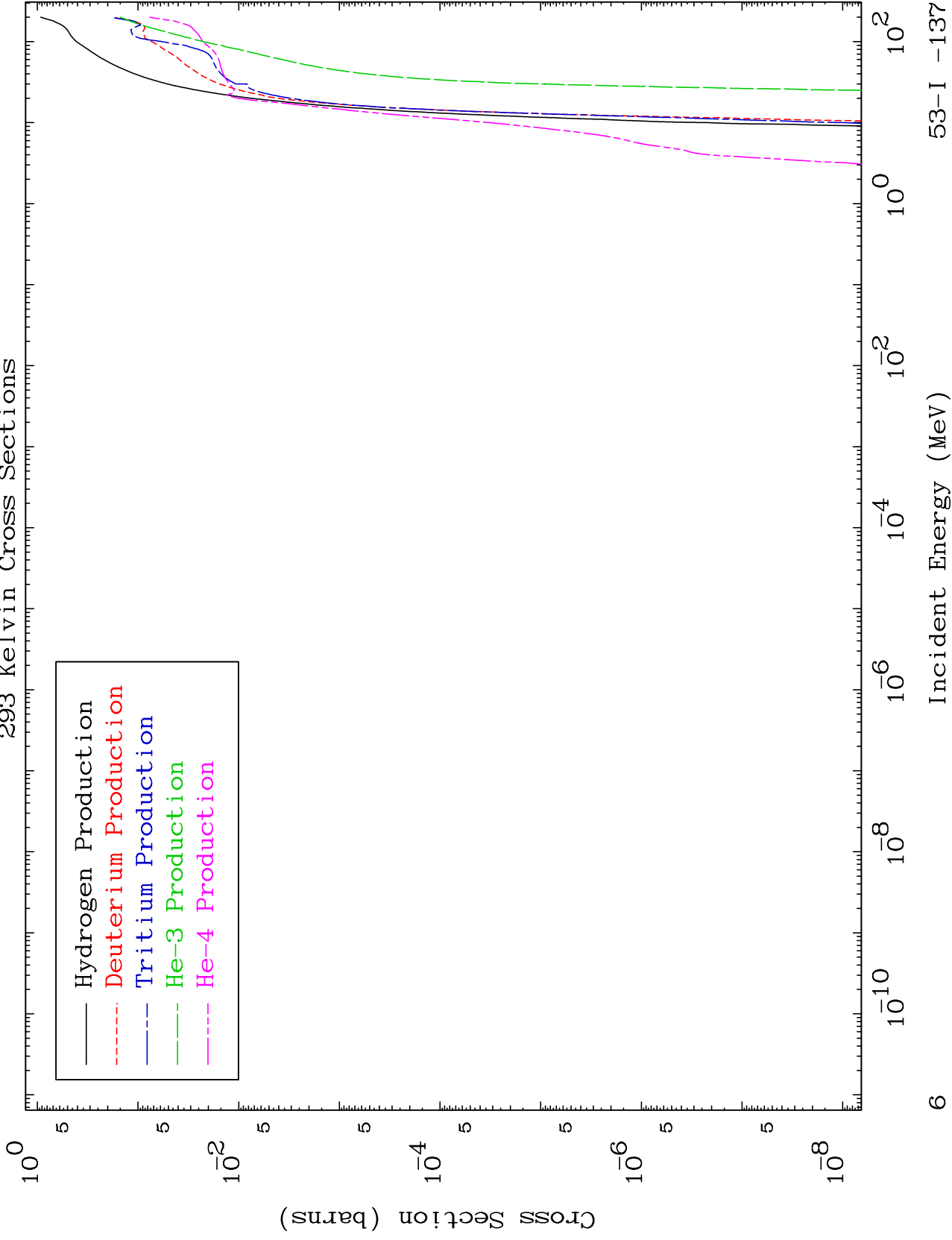
MAT 5355

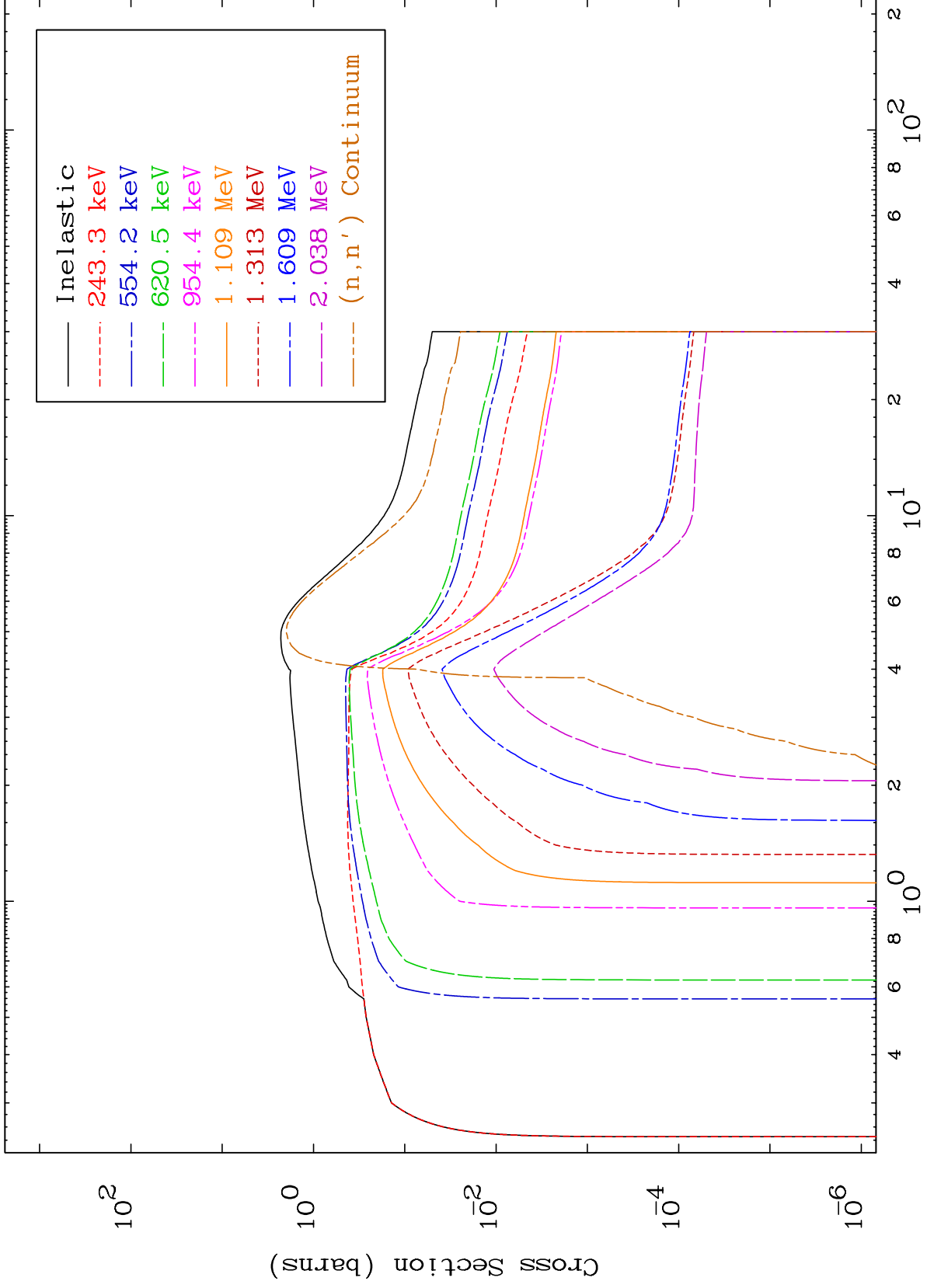
Charged Particle  
293 Kelvin Cross Sections

53-I -137







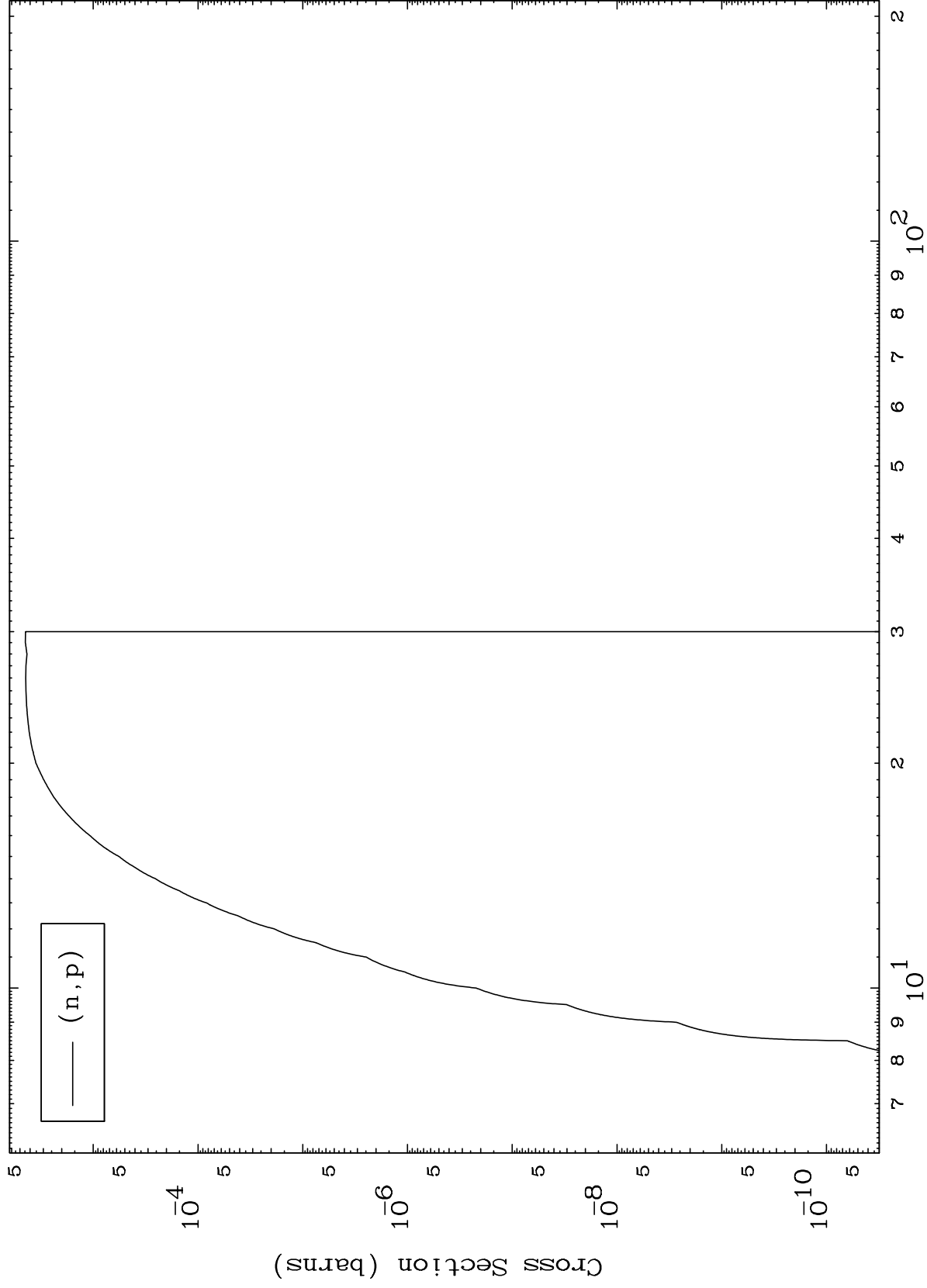




MAT 5355

(n,p) Levels  
293 Kelvin Cross Sections

53-I -137



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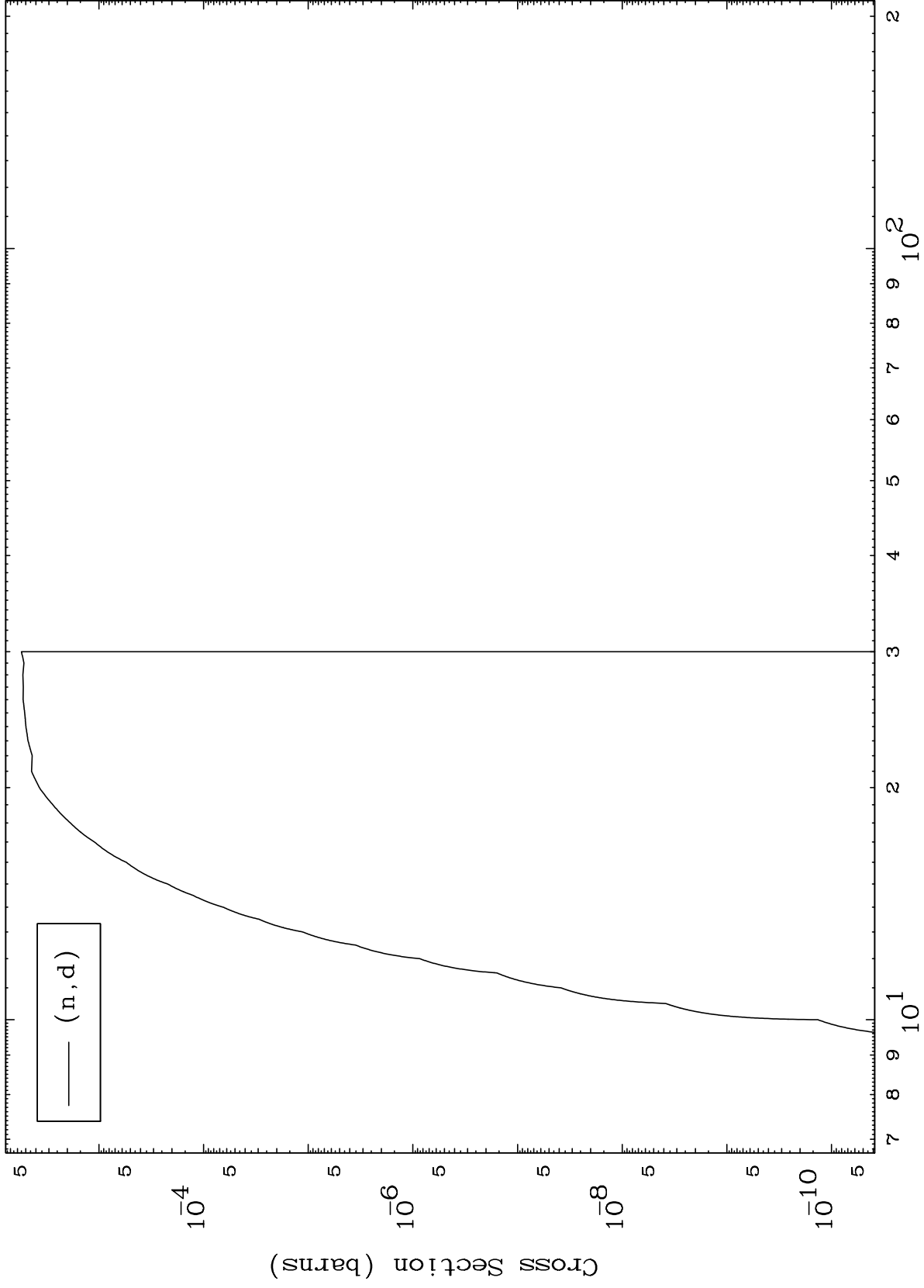
Incident Energy (MeV)

53-I -137

MAT 5355

(n,d) Levels  
293 Kelvin Cross Sections

53-I -137



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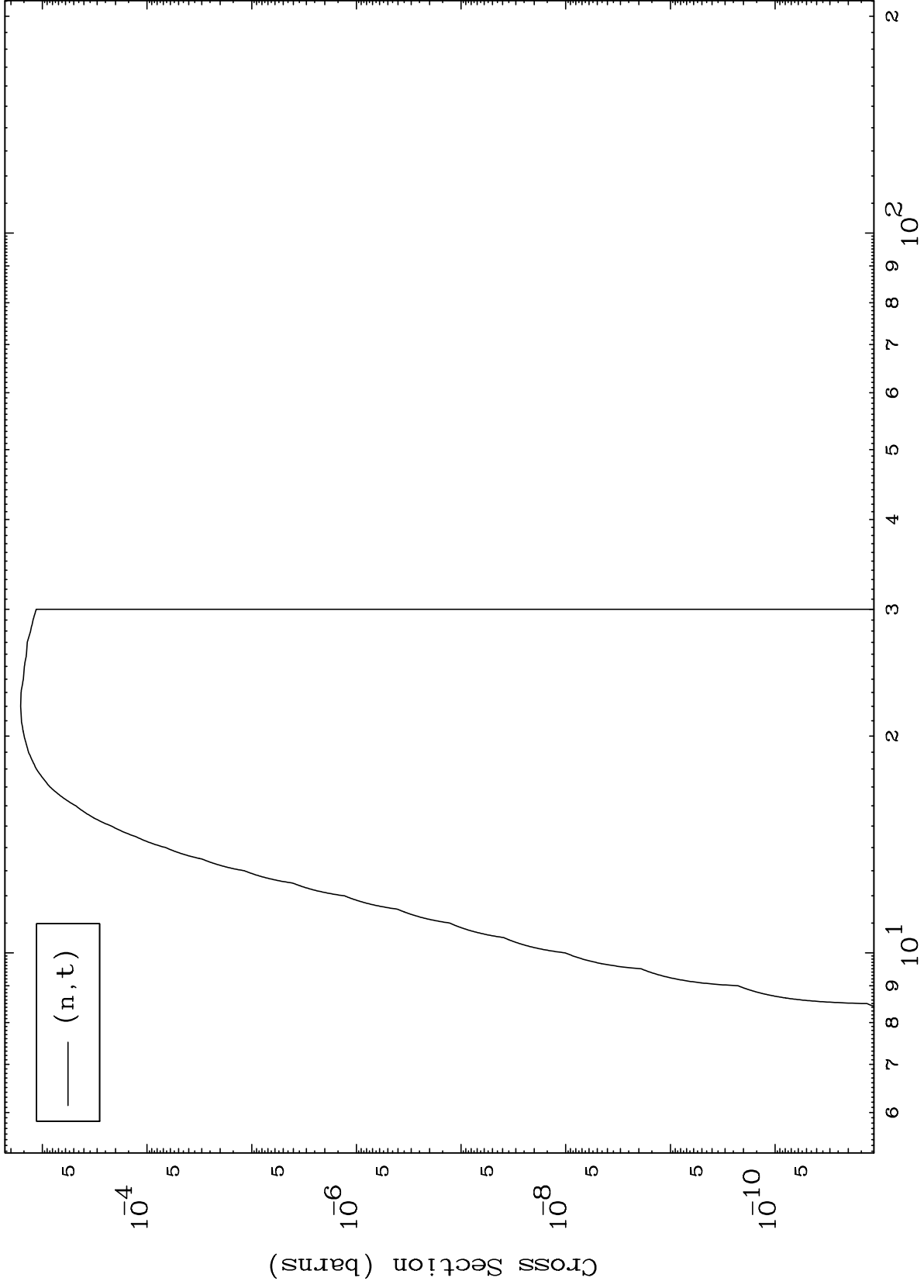
Incident Energy (MeV)

53-I -137

MAT 5355

(n,t) Levels  
293 Kelvin Cross Sections

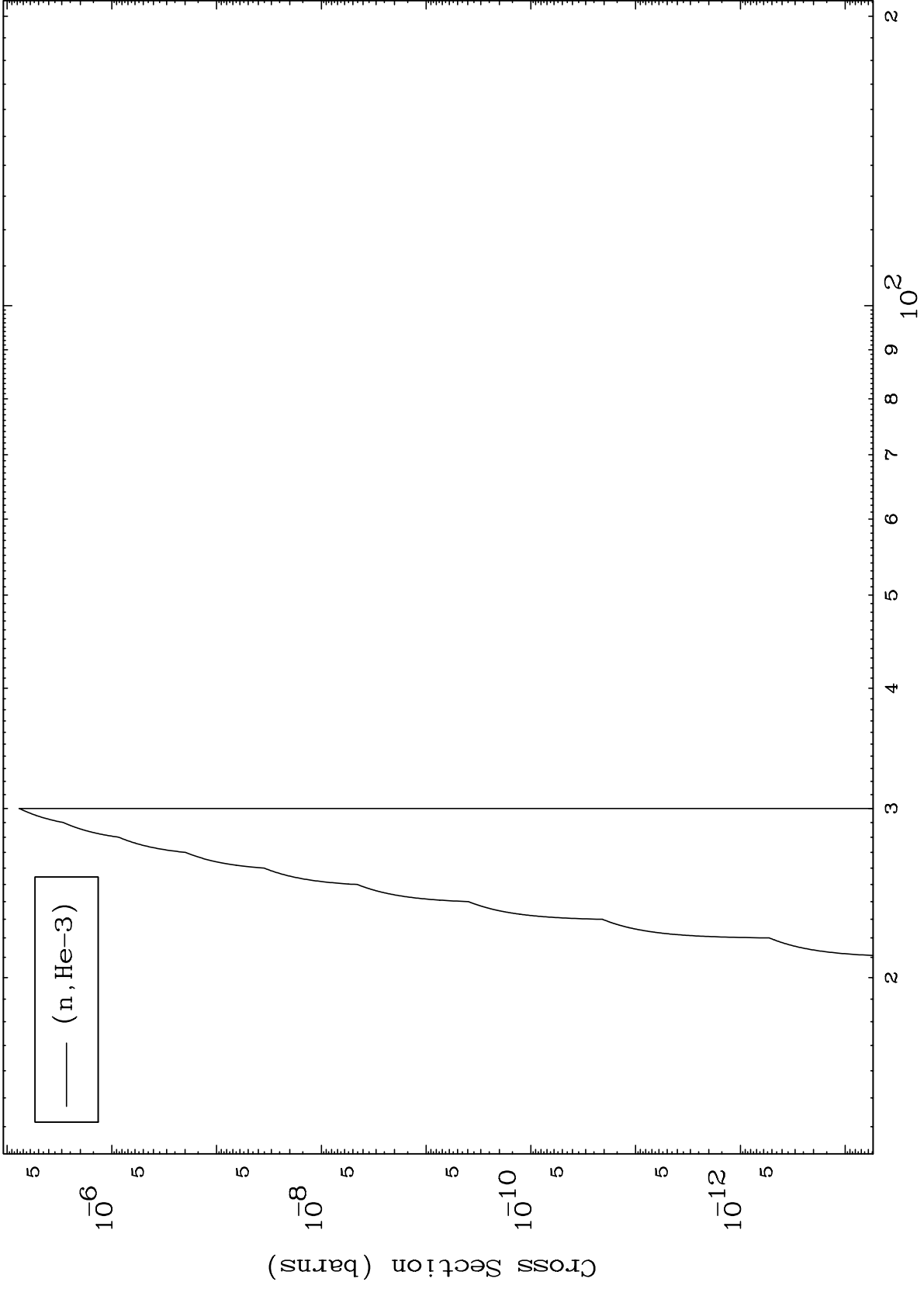
53-I -137



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Incident Energy (MeV)

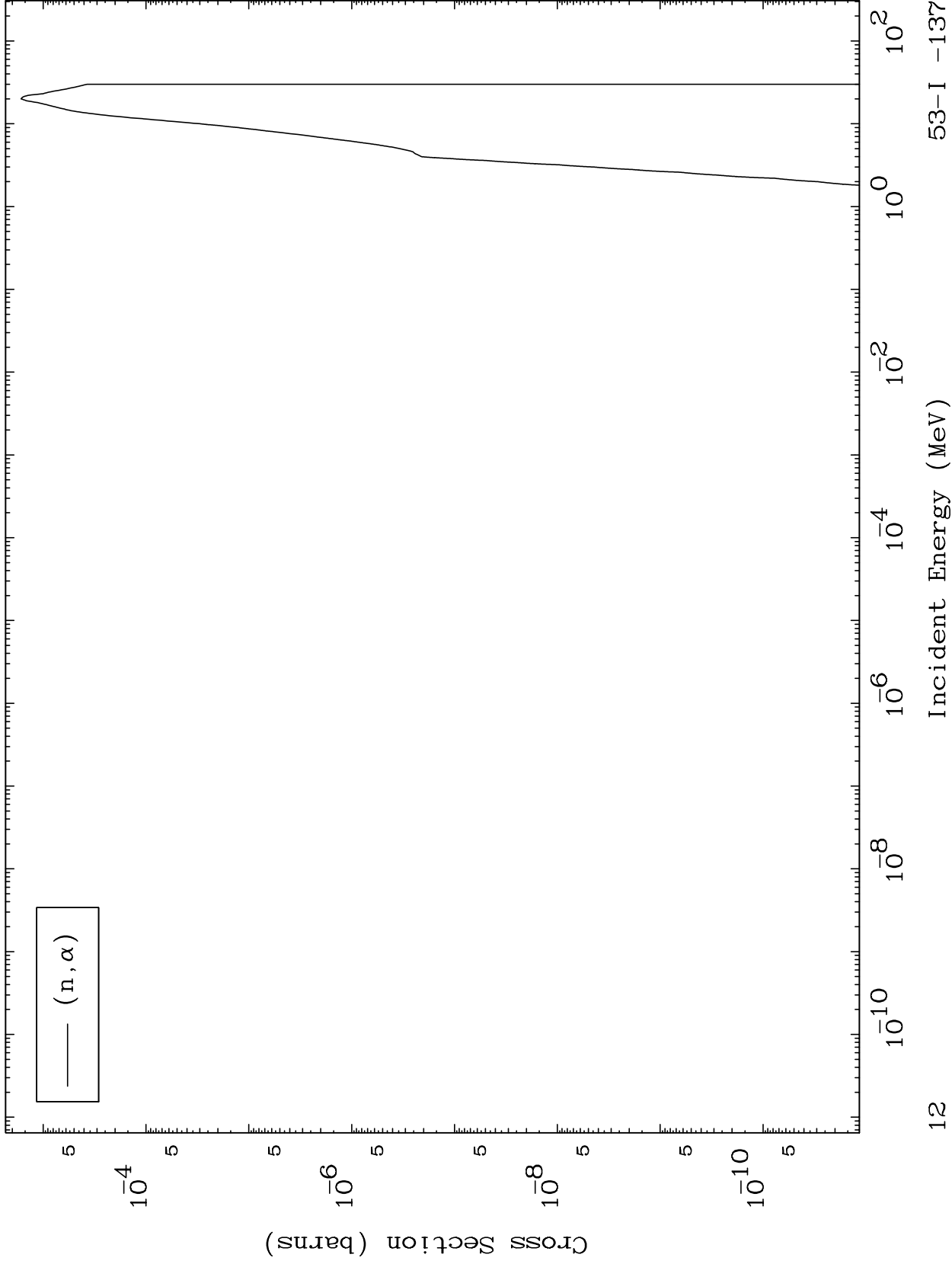
53-I -137

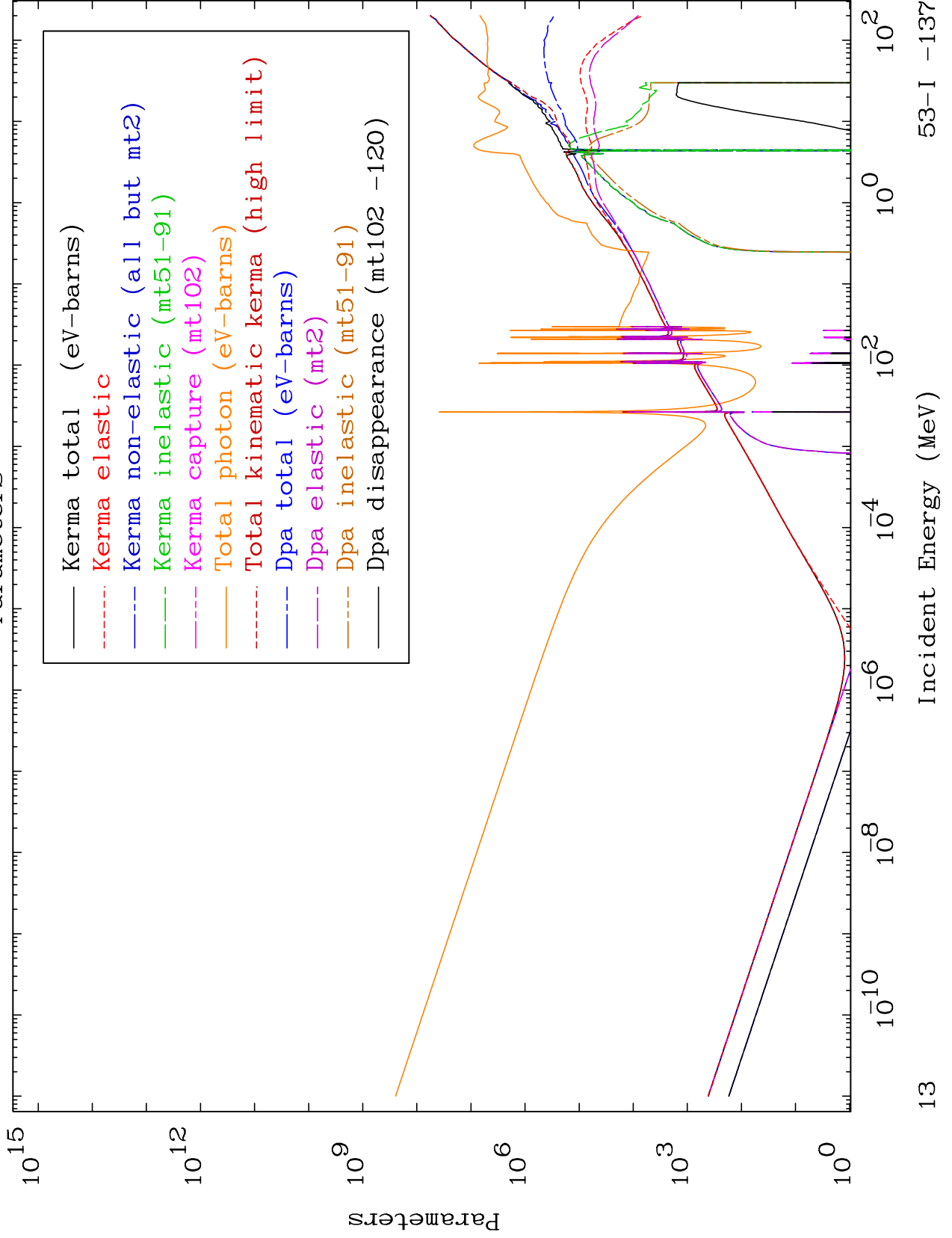


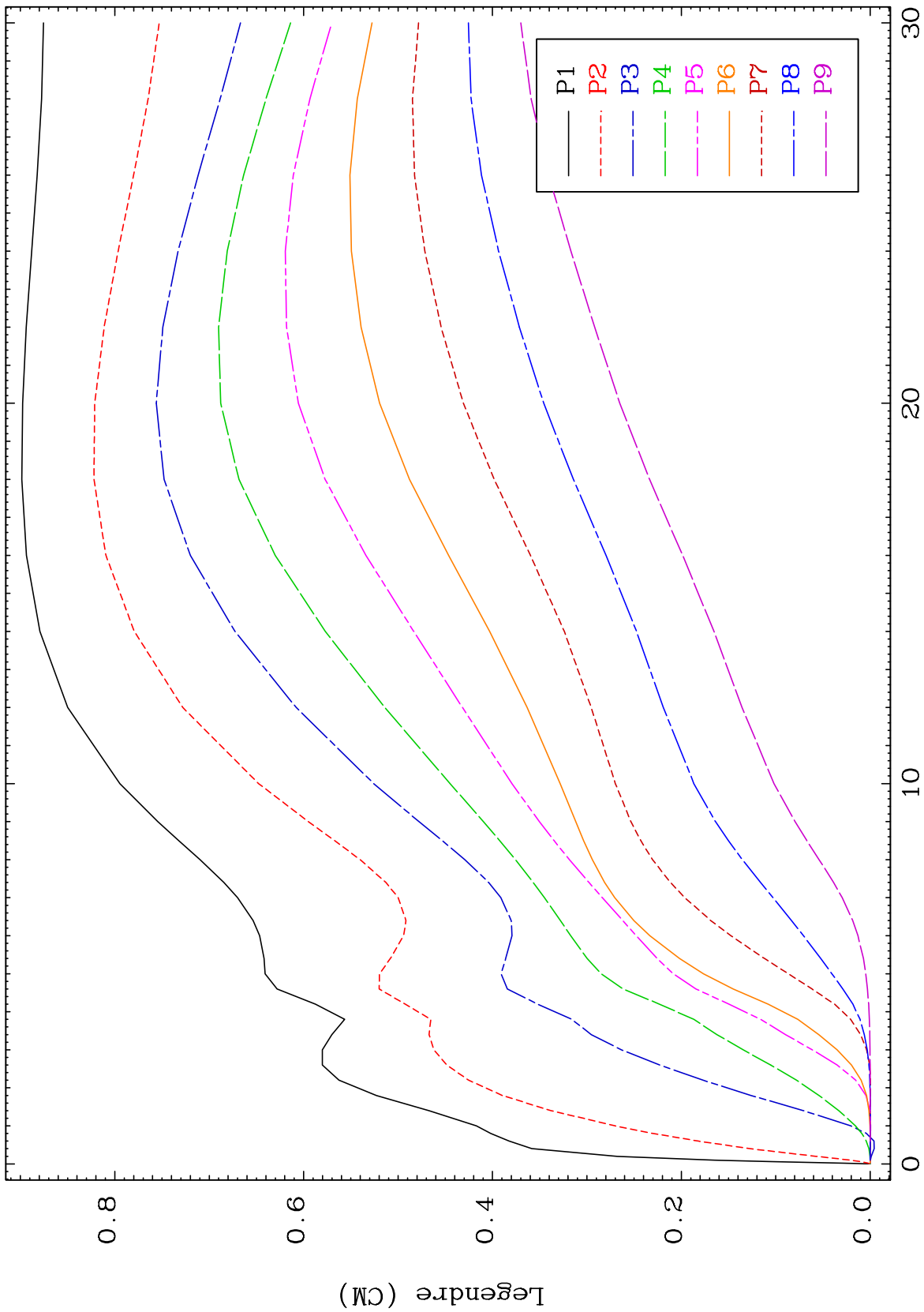
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(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

53-I -137



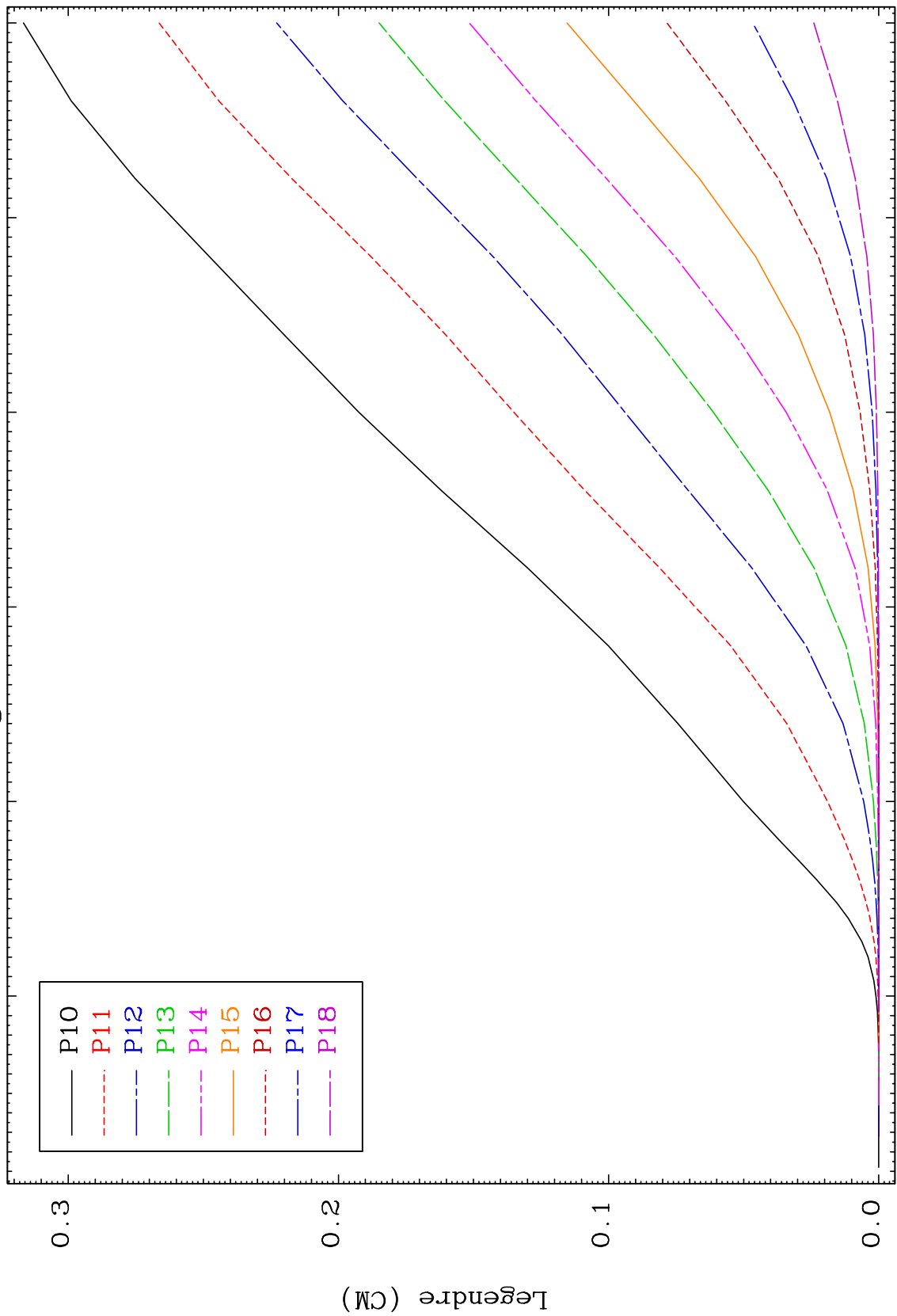




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Elastic Legendre Coefficients

53-I -137



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Incident Energy (MeV)

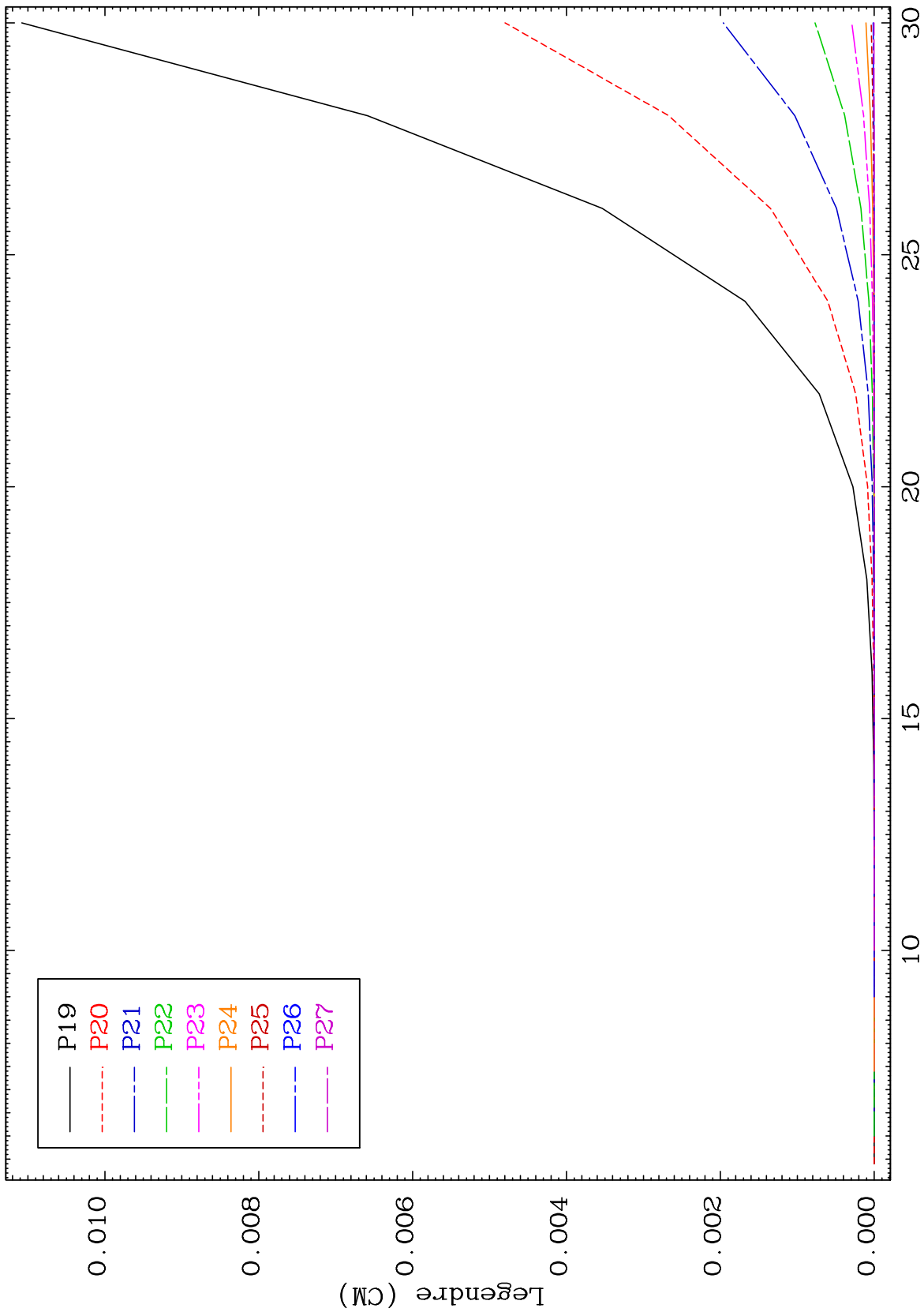
53-I -137



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### Elastic Legendre Coefficients

53-I -137



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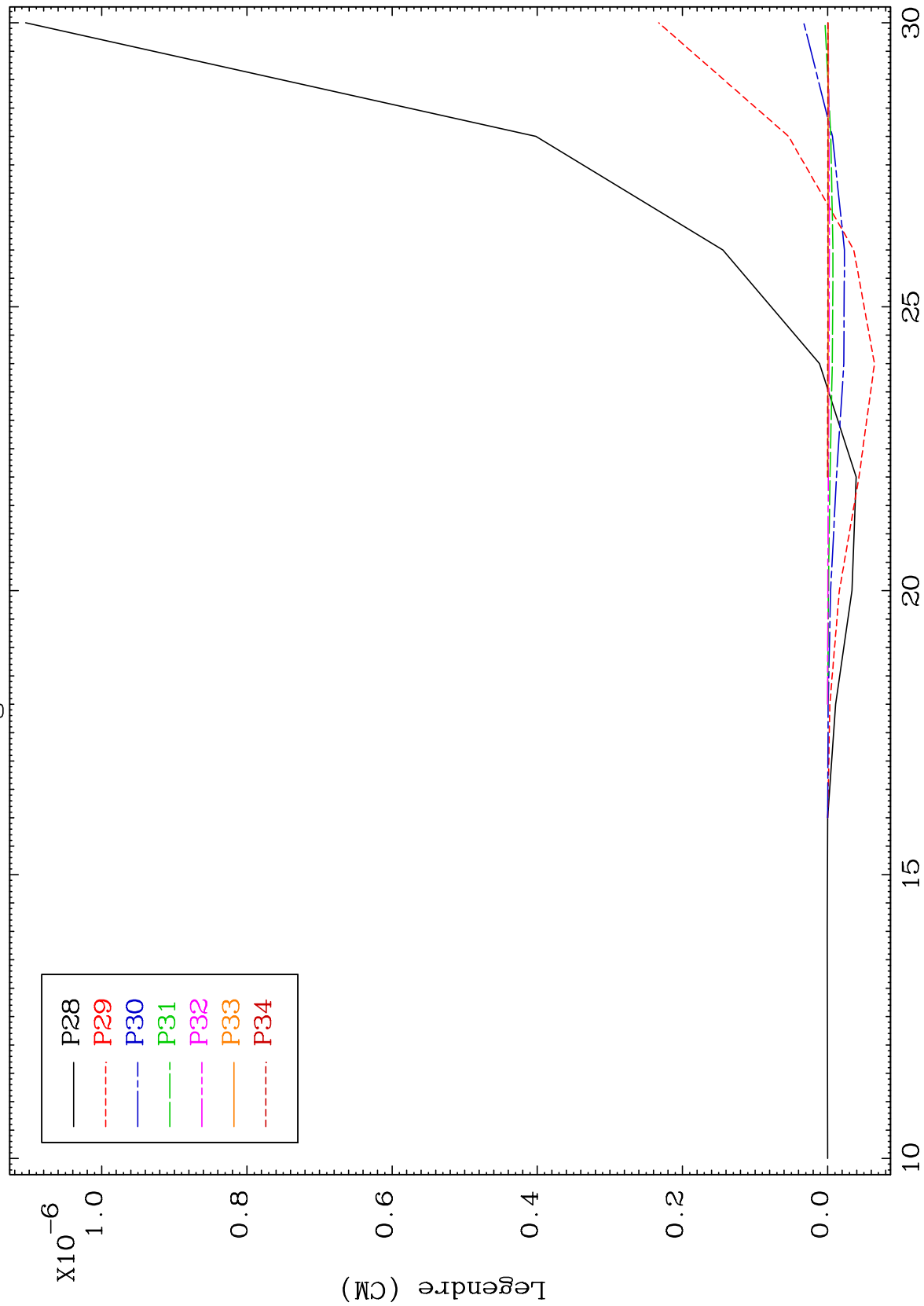
Incident Energy (MeV)

53-I -137

MAT 5355

Elastic Legendre Coefficients

53-I -137



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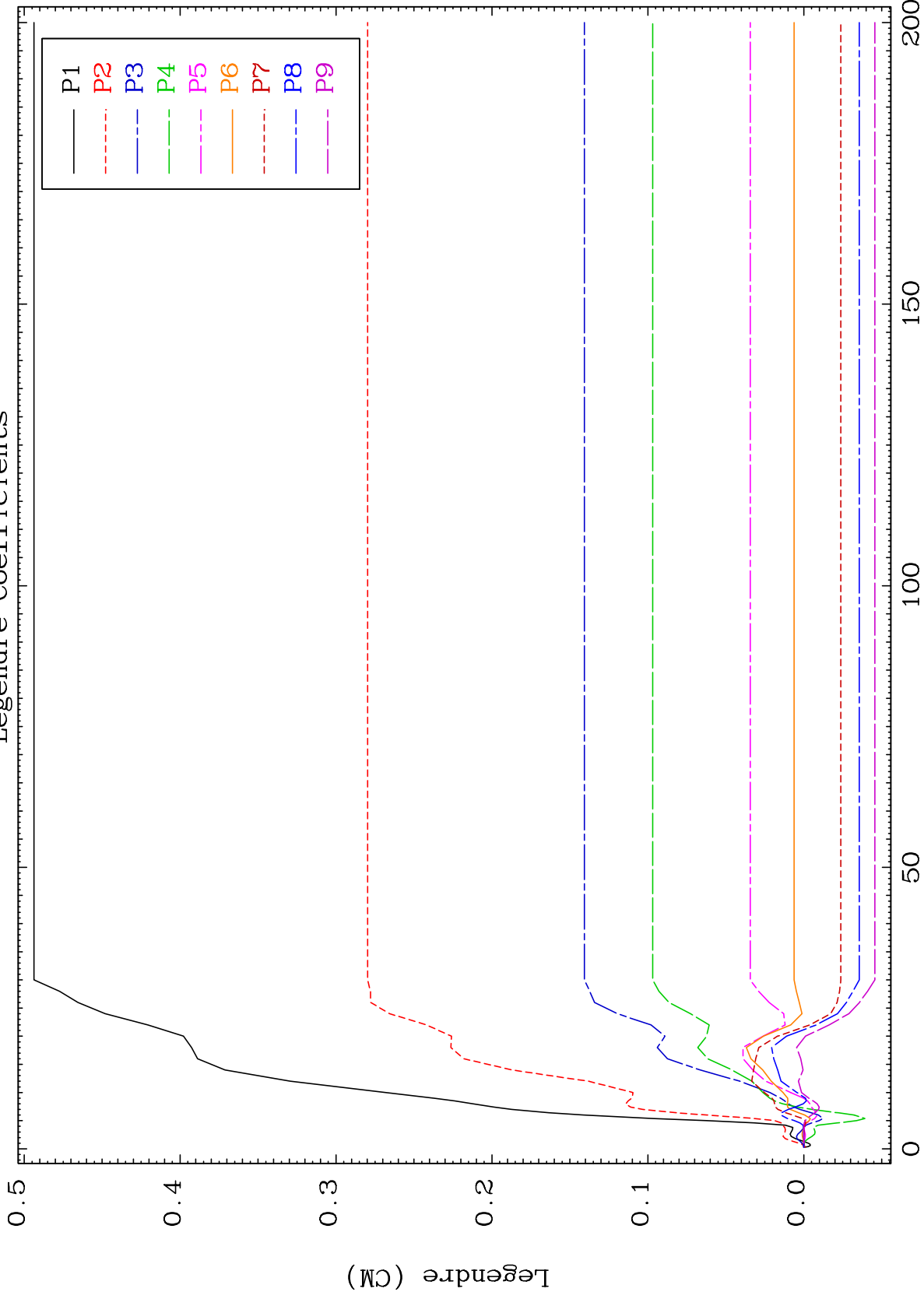
Incident Energy (MeV)

53-I -137

MAT 5355

243.3 keV (n,n') Level  
Legendre Coefficients

53-I -137



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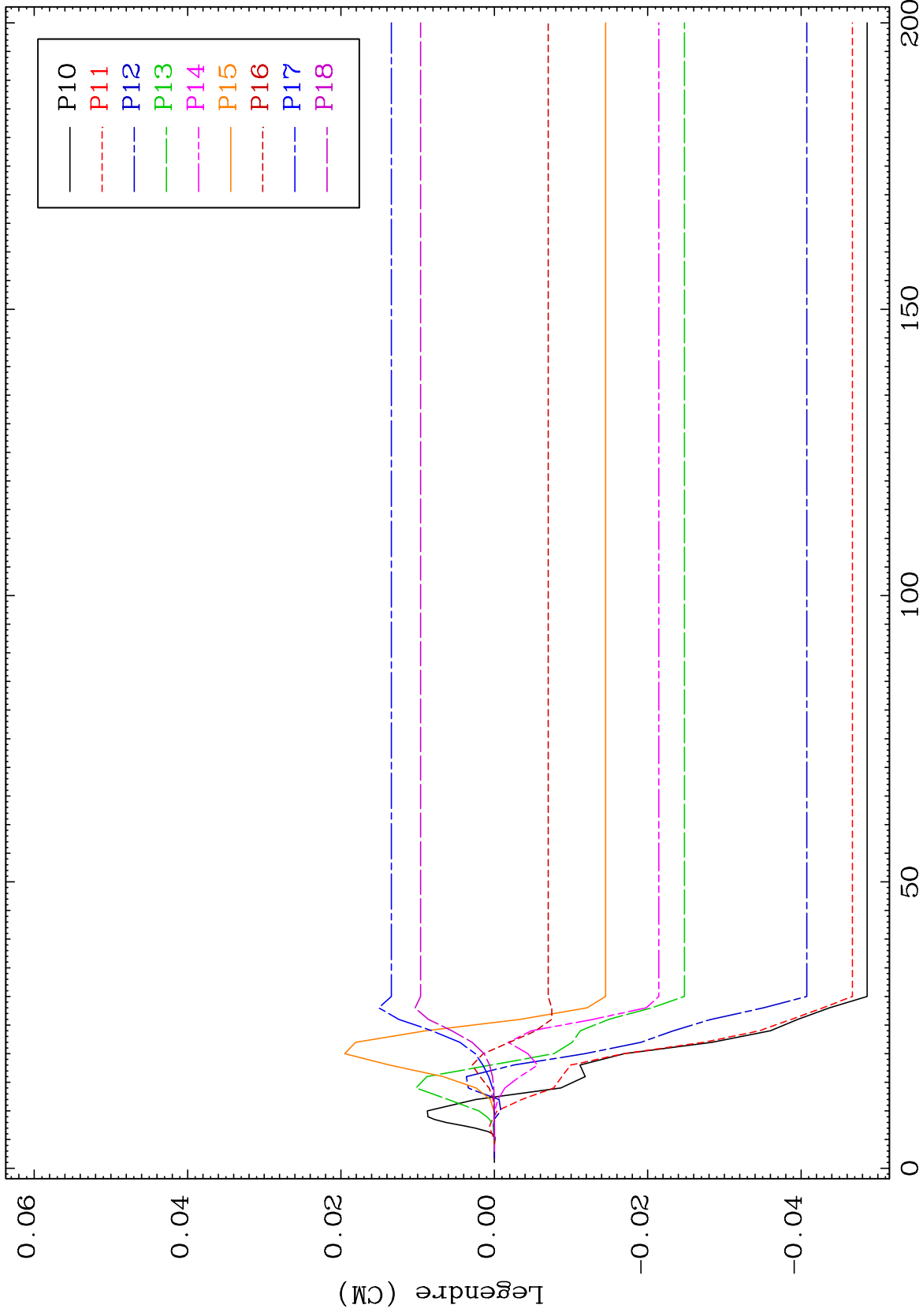
Incident Energy (MeV)

53-I -137

MAT 5355

243.3 keV (n,n') Level  
Legendre Coefficients

53-I -137



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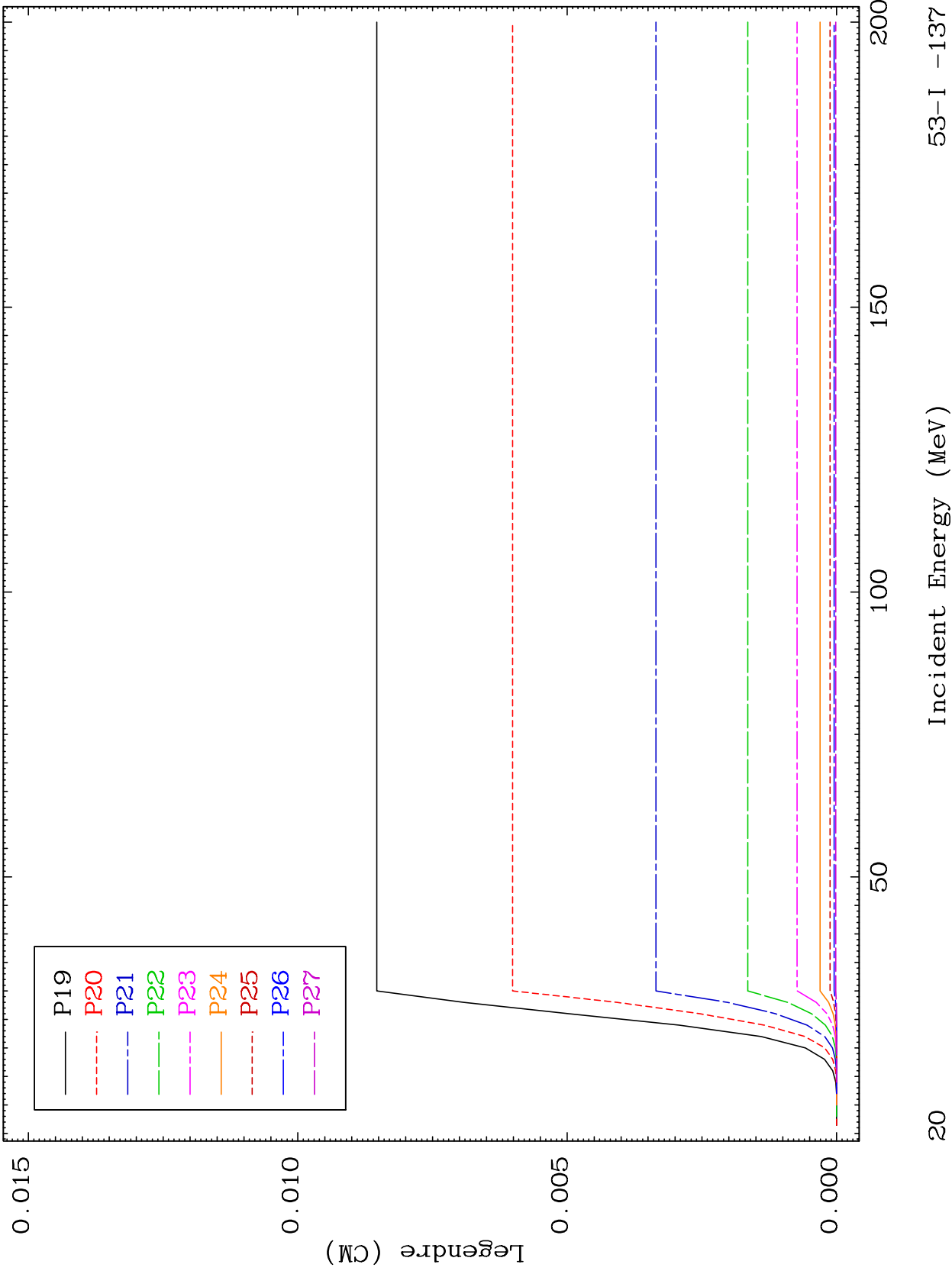
Incident Energy (MeV)

53-I -137

MAT 5355

243.3 keV (n,n') Level  
Legendre Coefficients

53-I -137



53-I -137

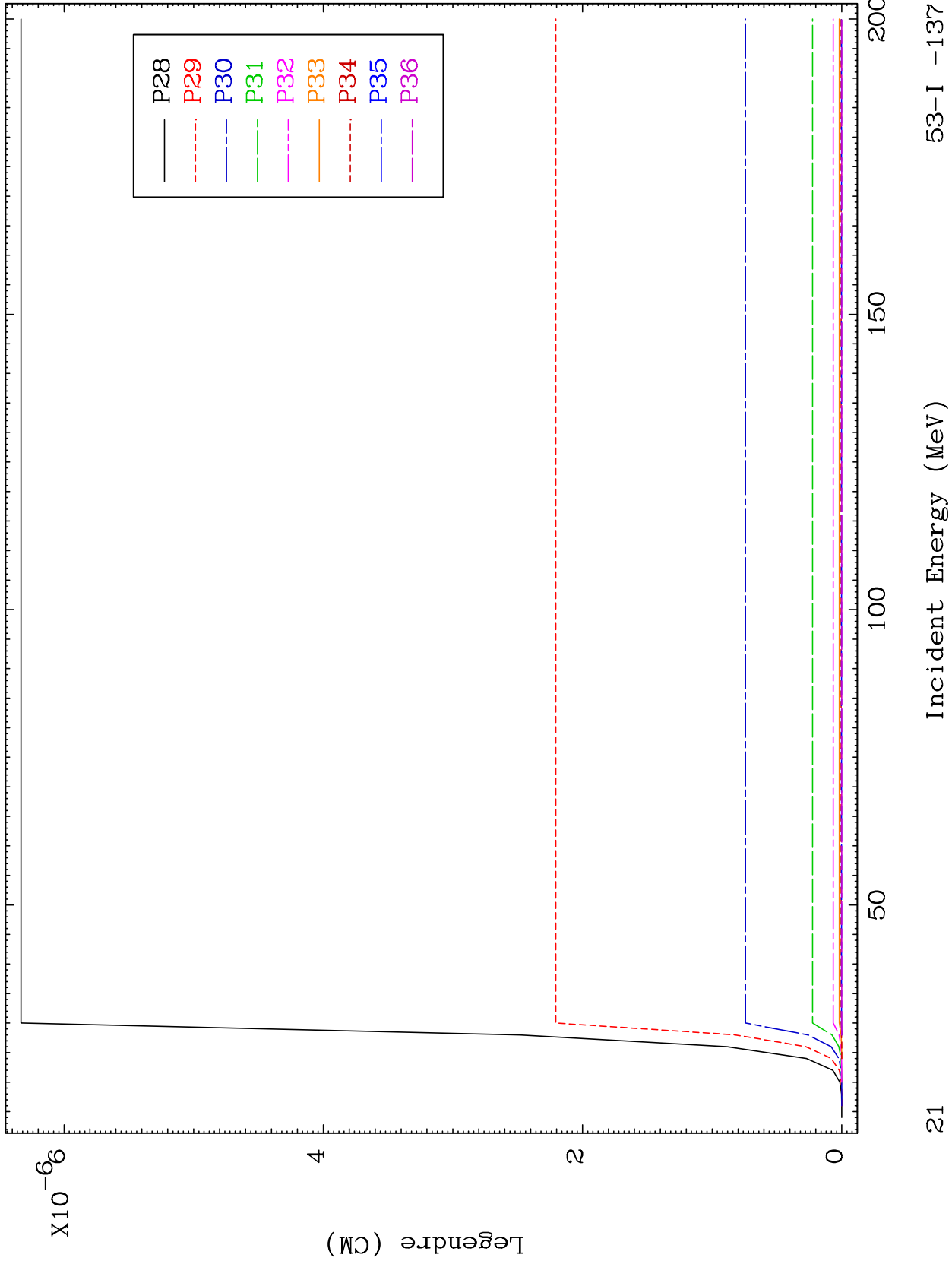
Incident Energy (MeV)

20

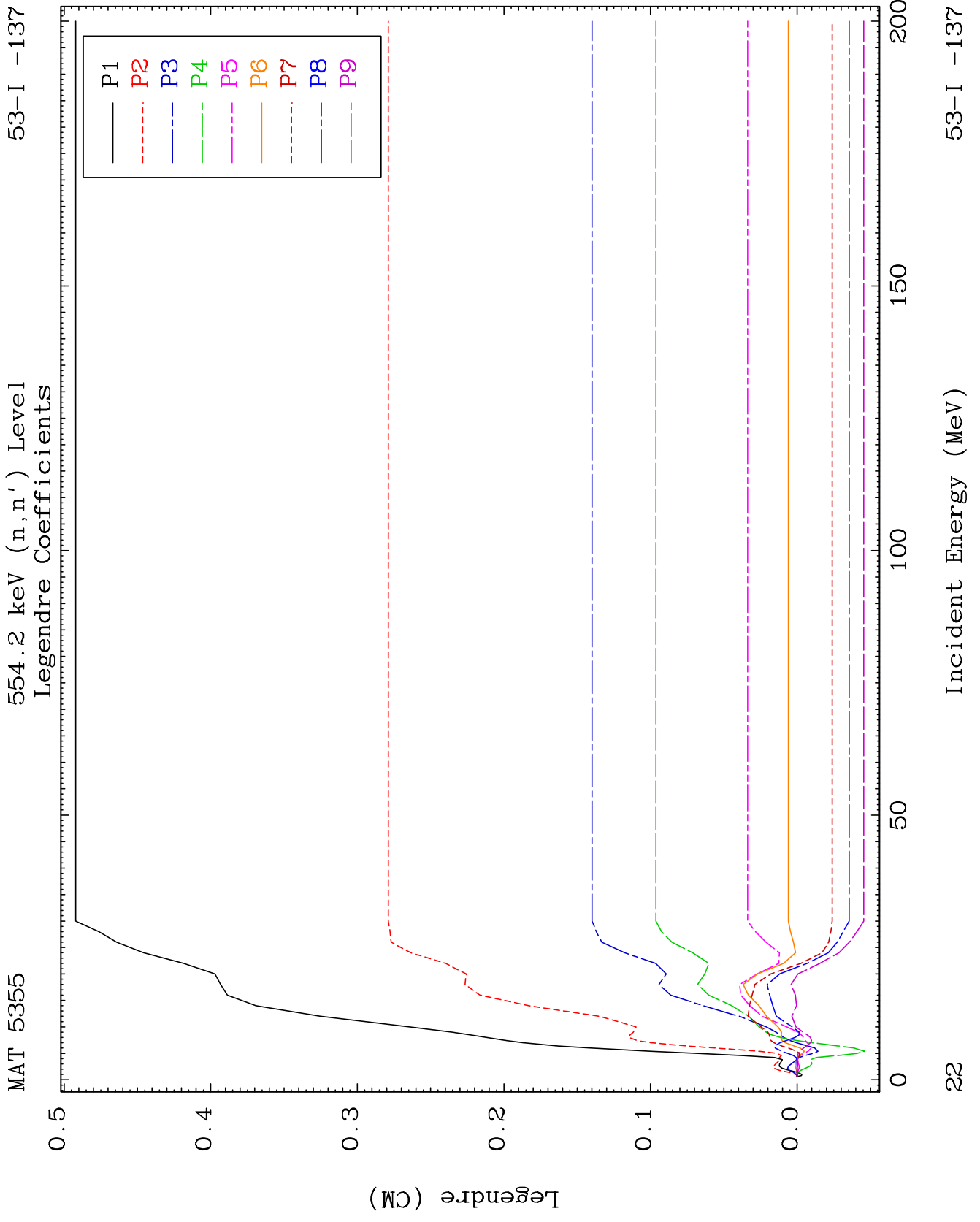
MAT 5355

243.3 keV (n,n') Level  
Legendre Coefficients

53-I -137



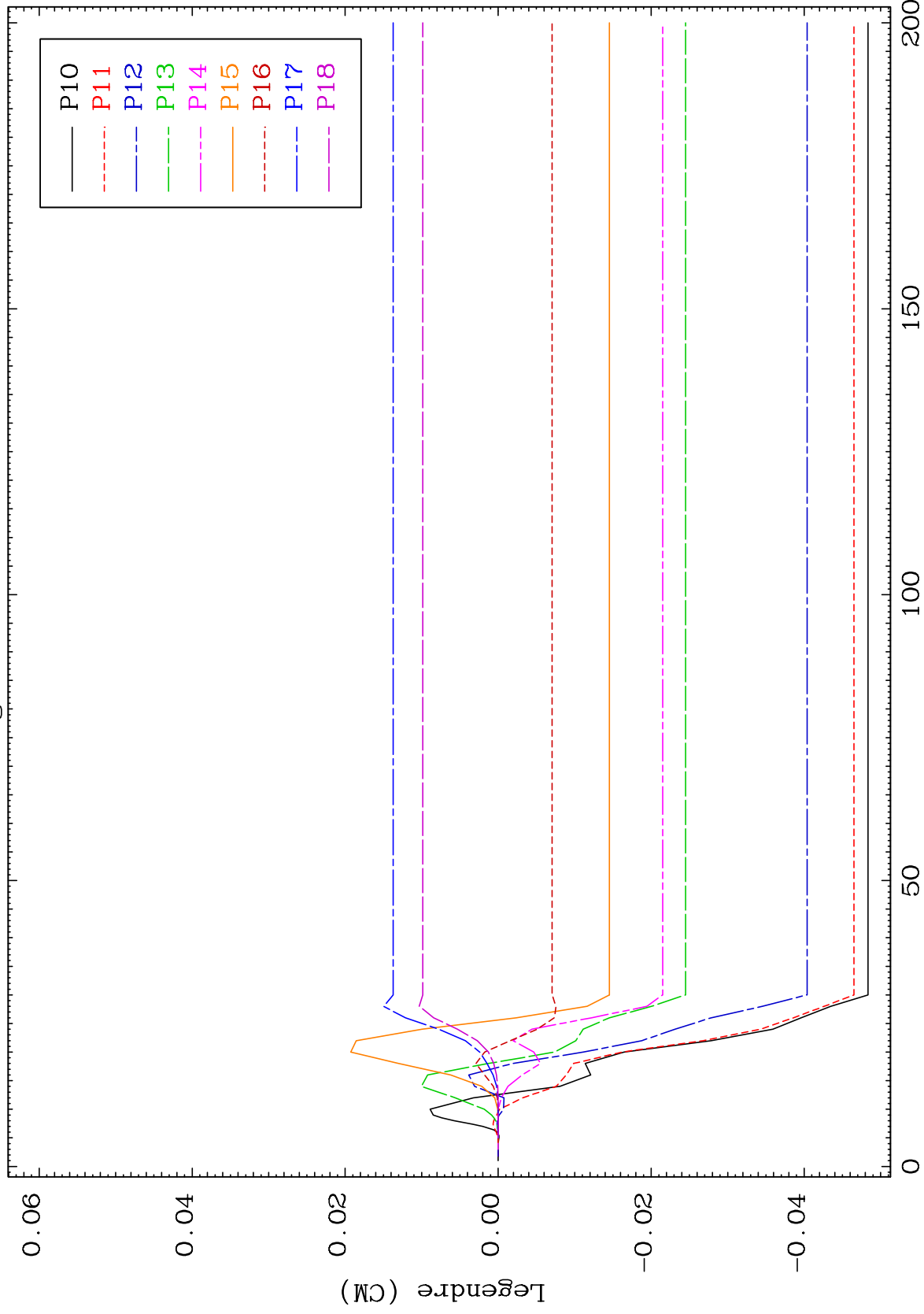
21



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554.2 keV (n,n') Level  
Legendre Coefficients

53-I -137



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Incident Energy (MeV)

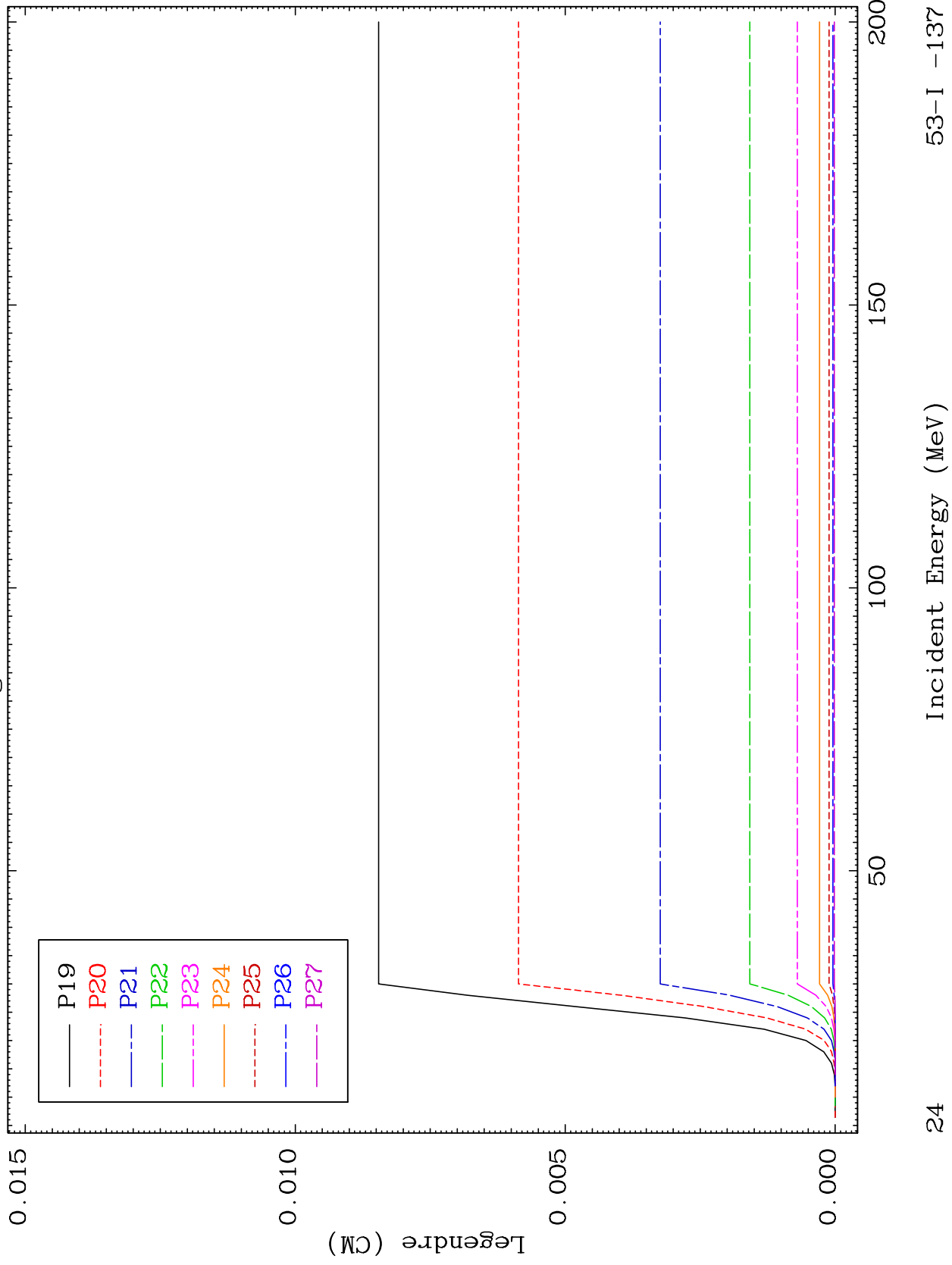
53-I -137



MAT 5355

554.2 keV (n,n') Level  
Legendre Coefficients

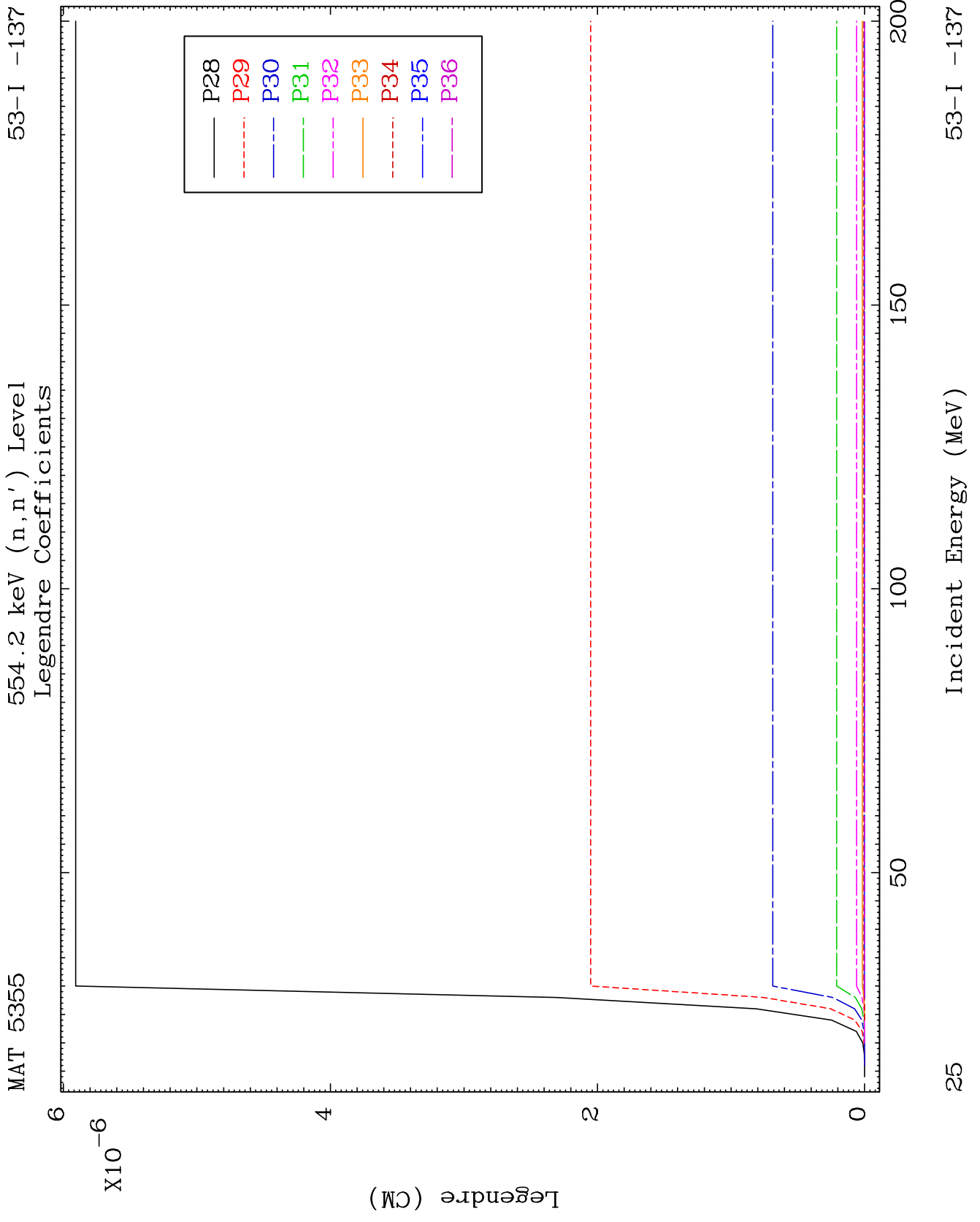
53-I -137

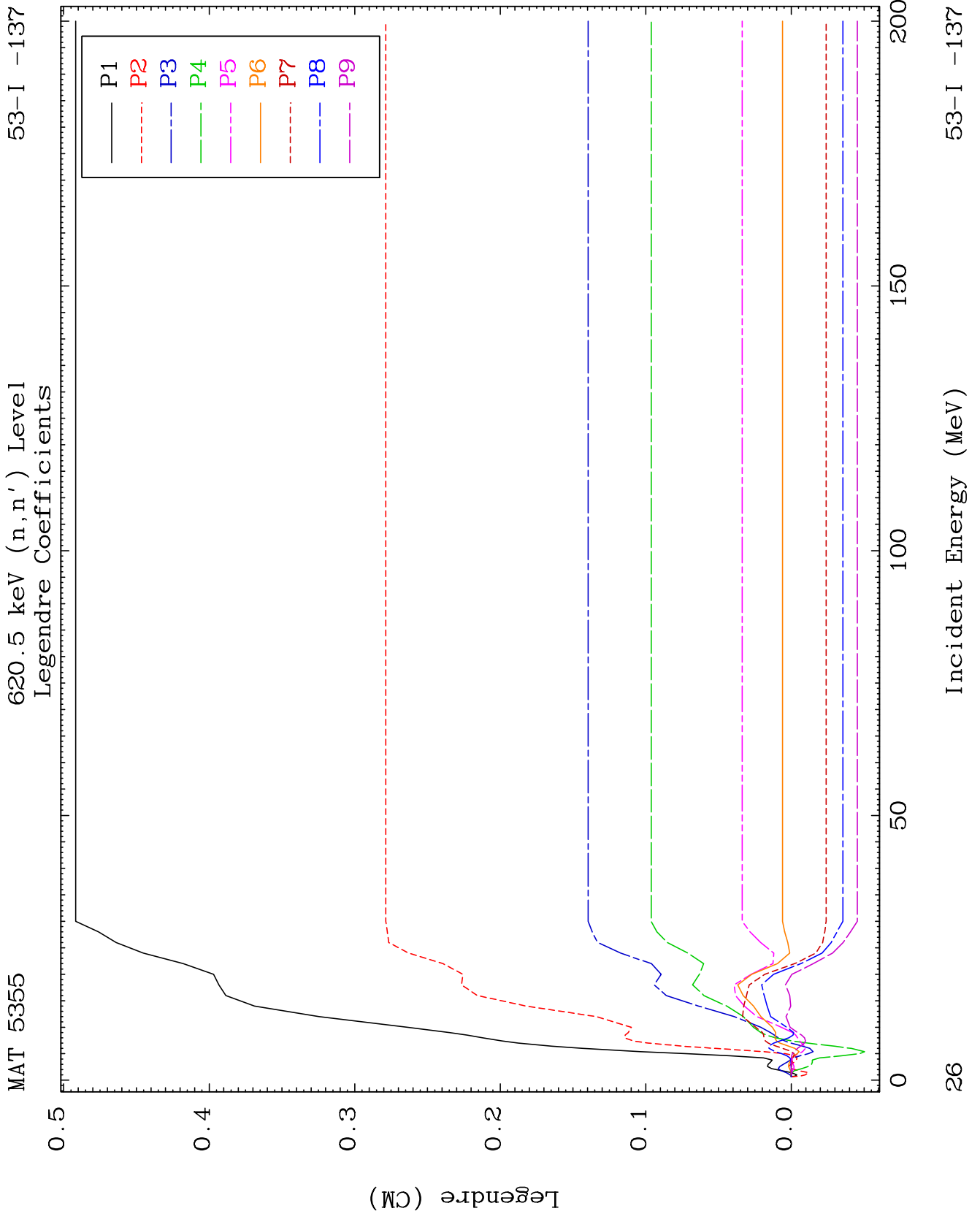


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Incident Energy (MeV)

53-I -137

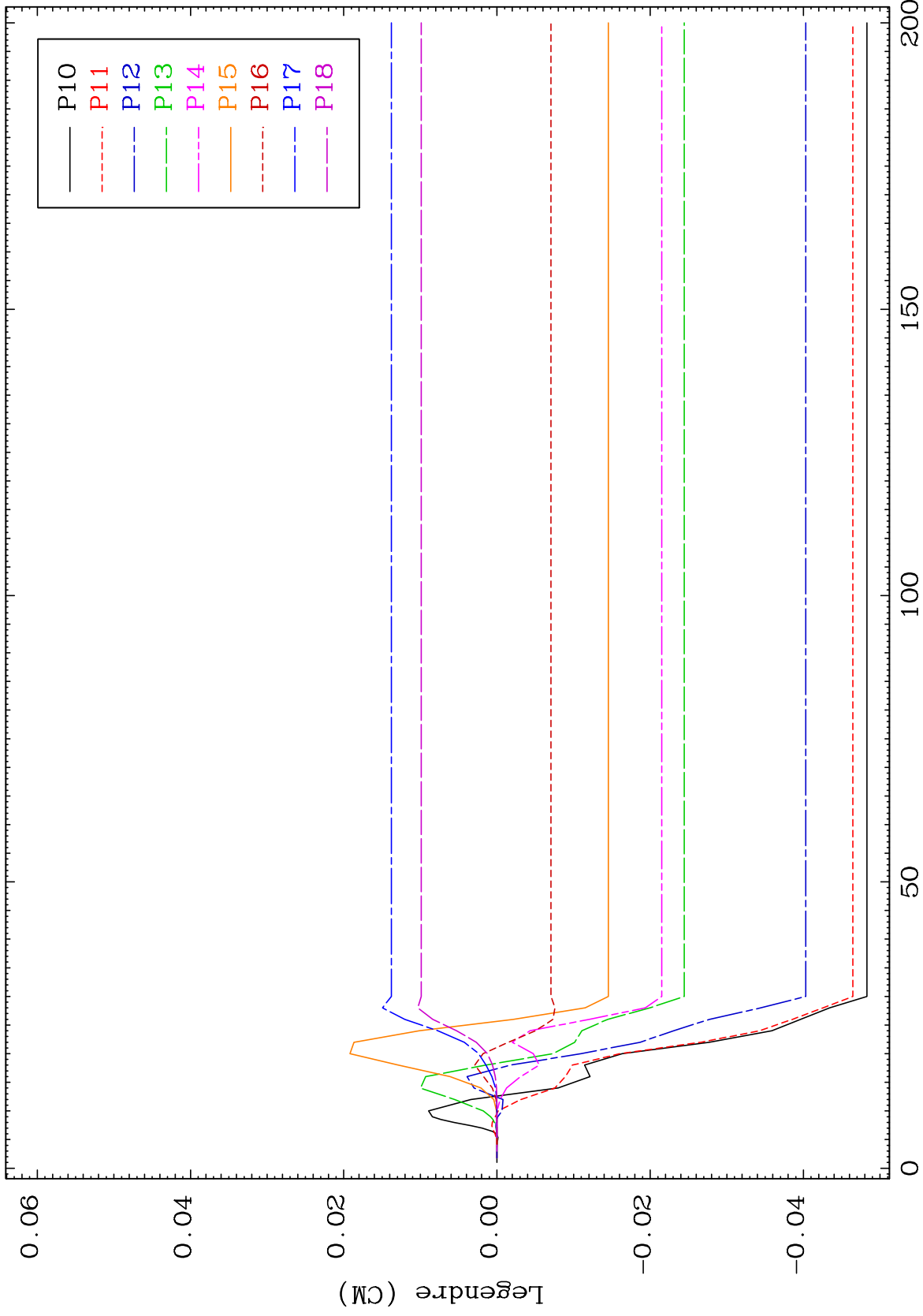




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620.5 keV (n,n') Level  
Legendre Coefficients

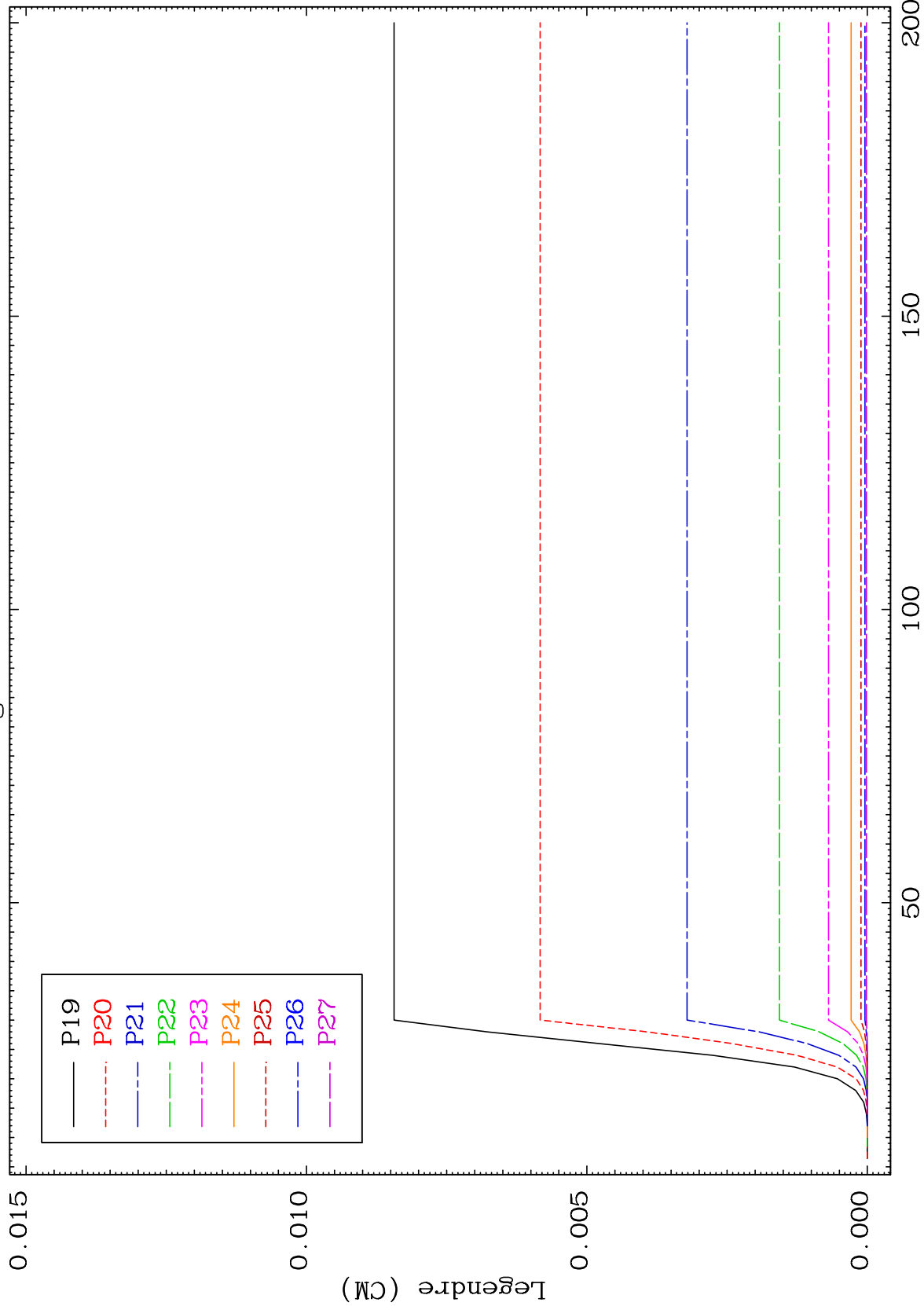
53-I -137



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Incident Energy (MeV)

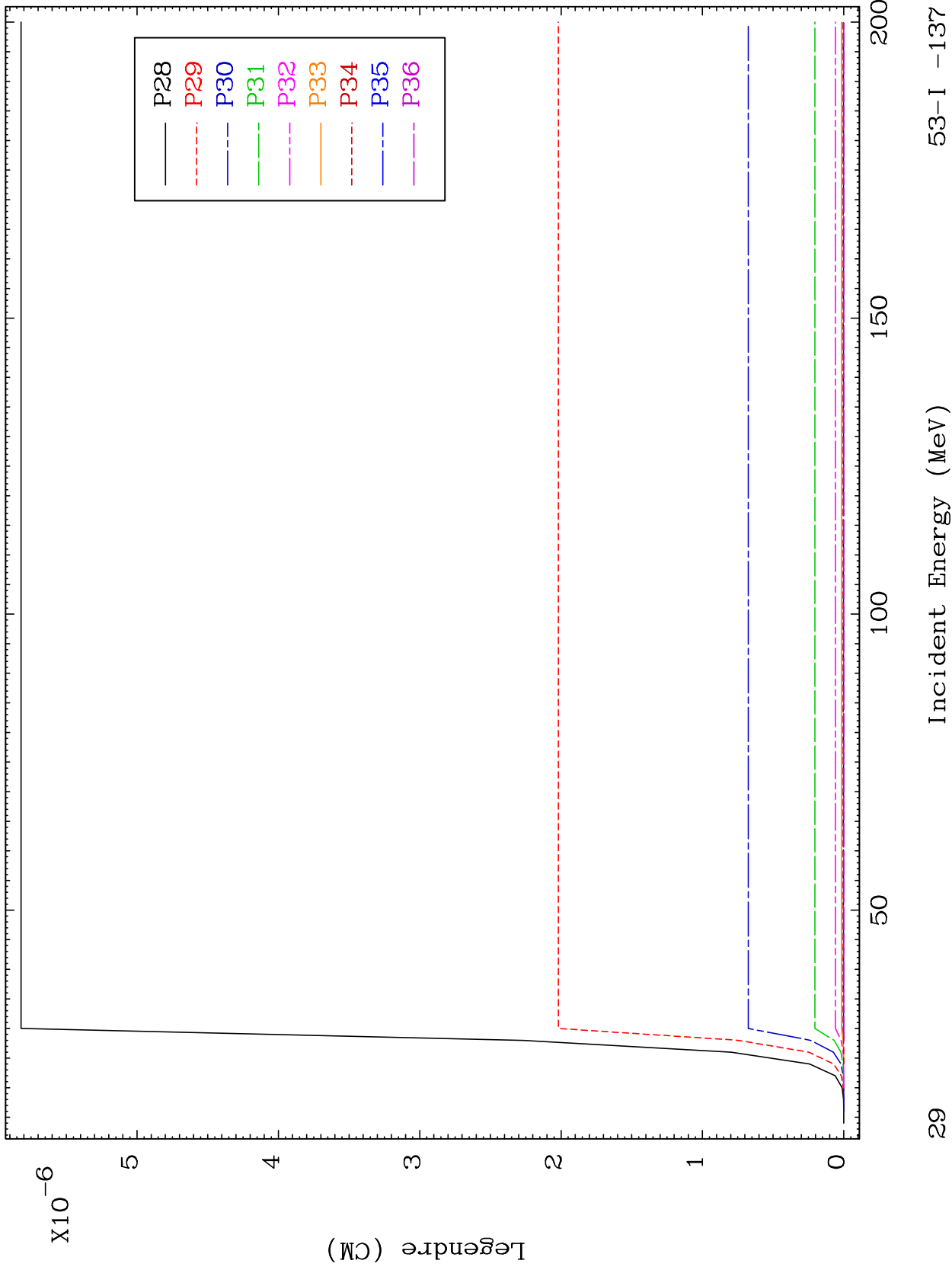
53-I -137



MAT 5355

620.5 keV (n,n') Level  
Legendre Coefficients

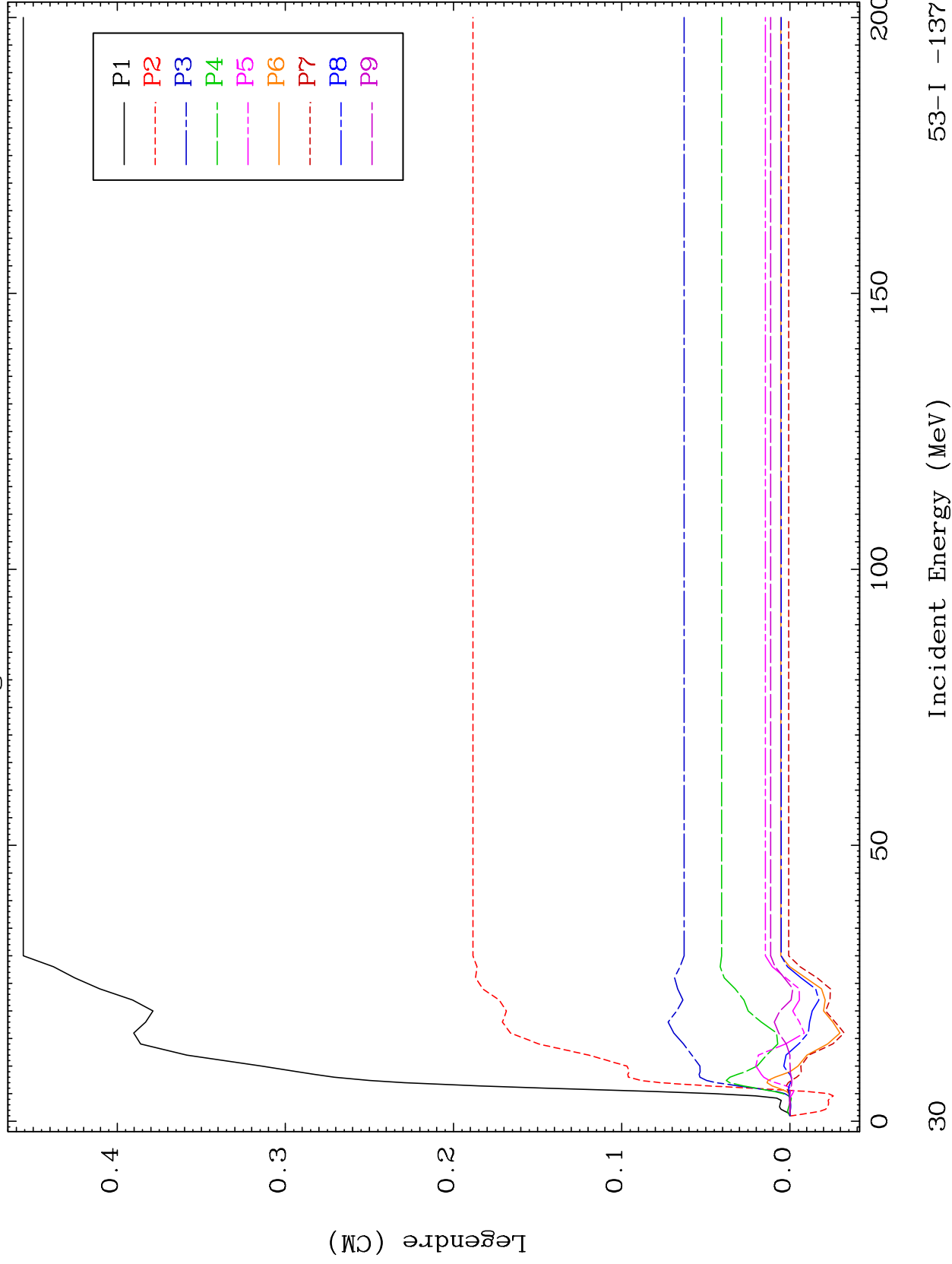
53-I -137



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954.4 keV (n,n') Level  
Legendre Coefficients

53-I -137



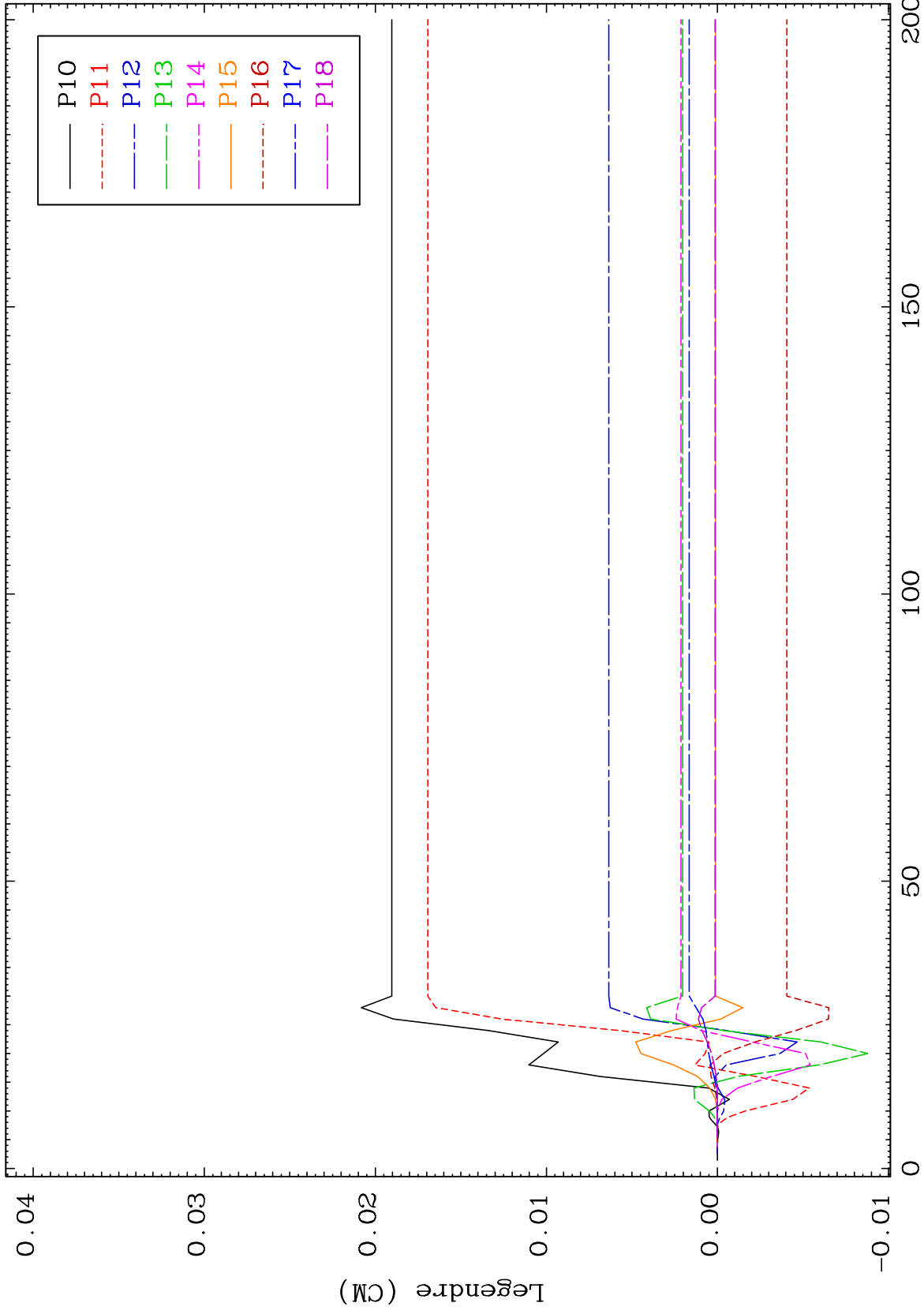
53-I -137

Incident Energy (MeV)

MAT 5355

954.4 keV (n,n') Level  
Legendre Coefficients

53-I -137

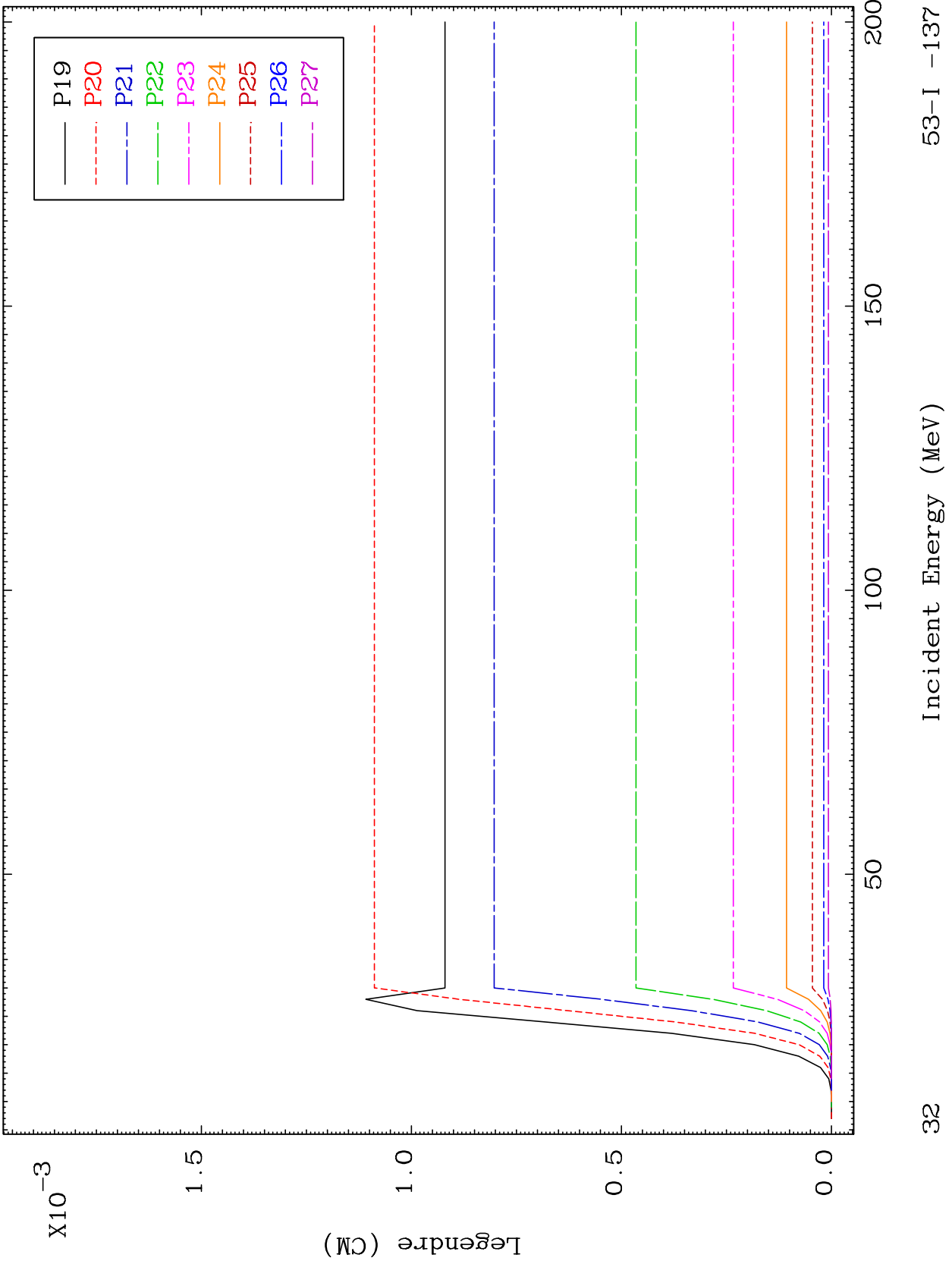


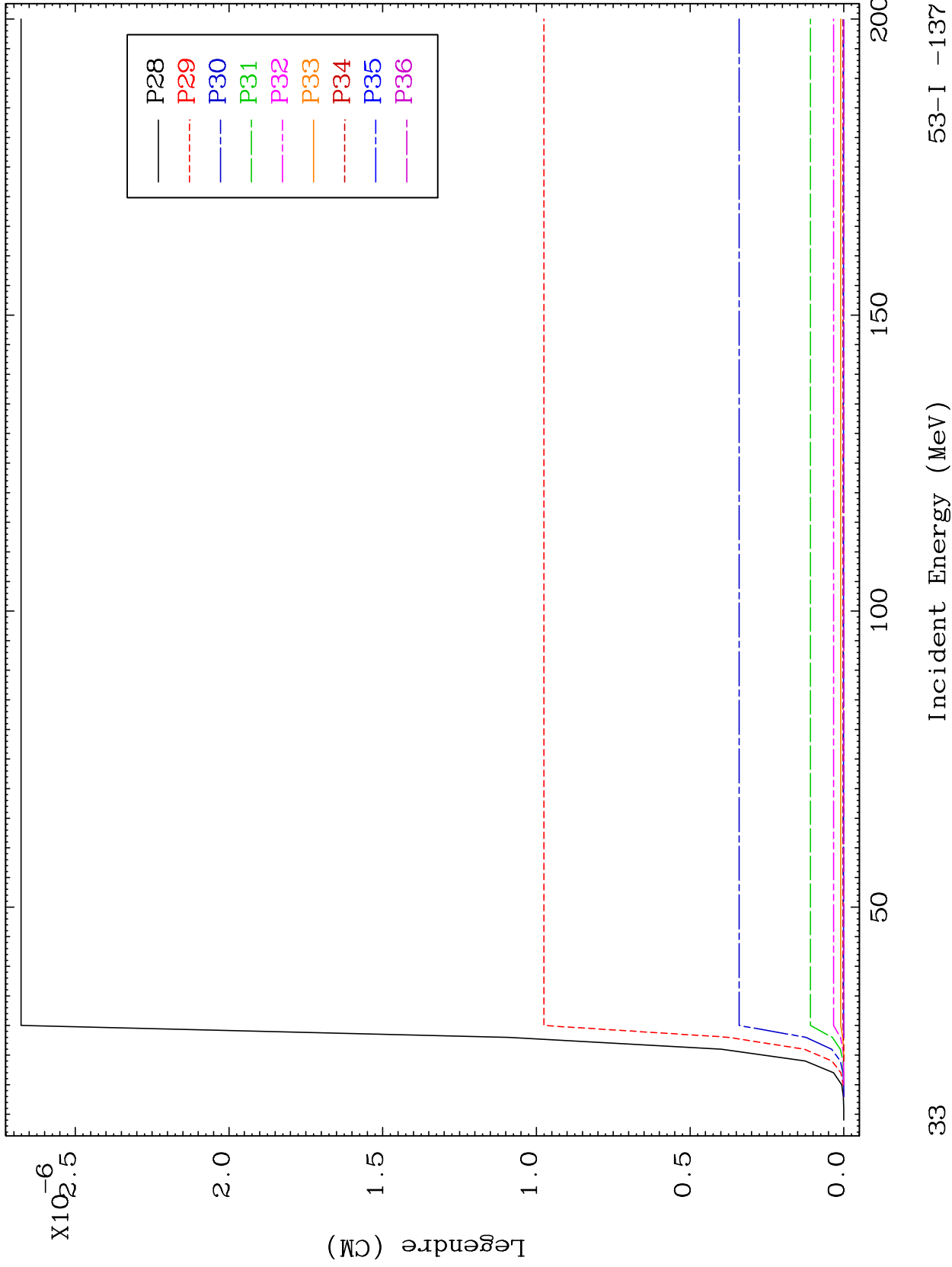
31

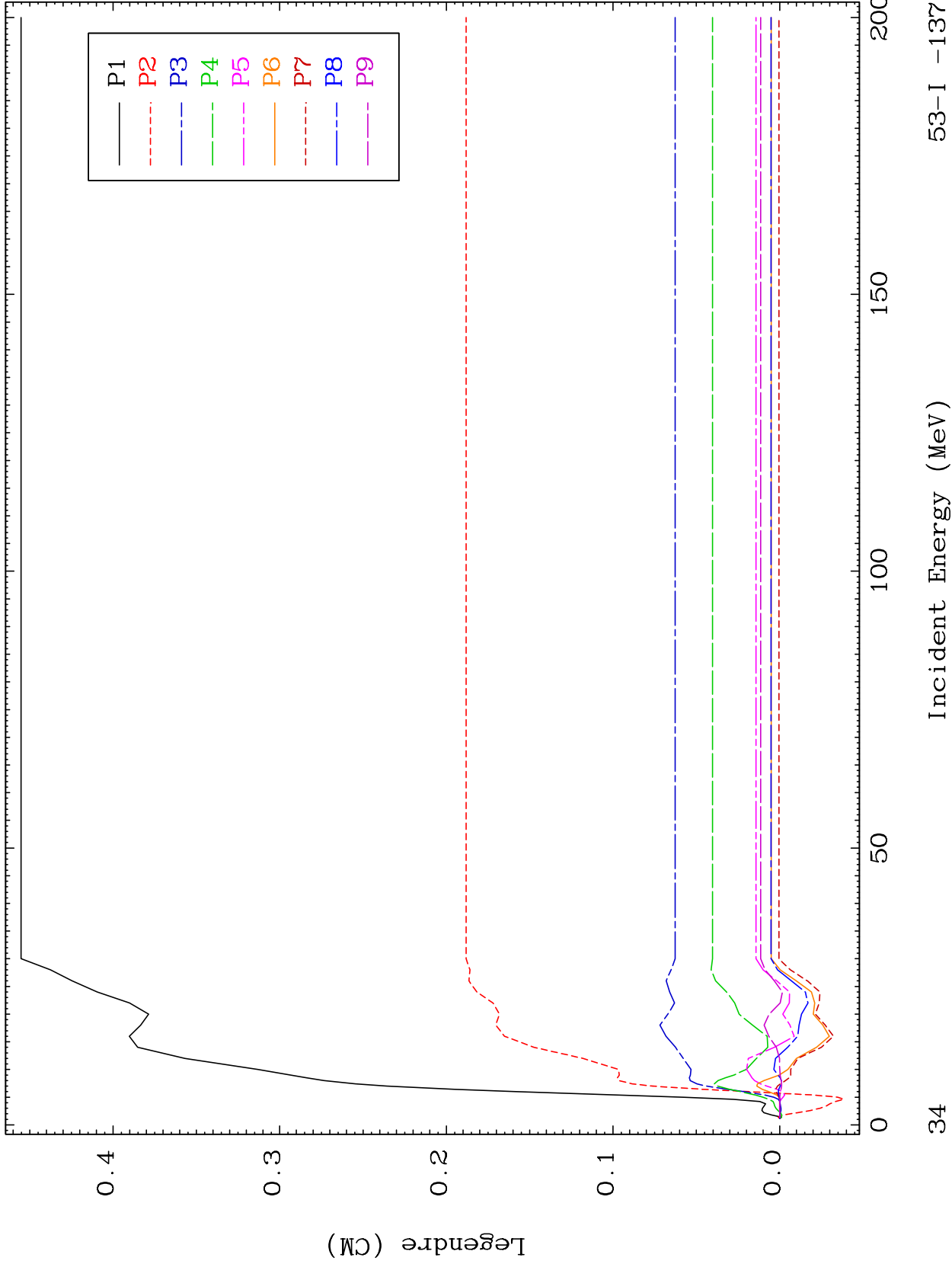
Incident Energy (MeV)

53-I -137





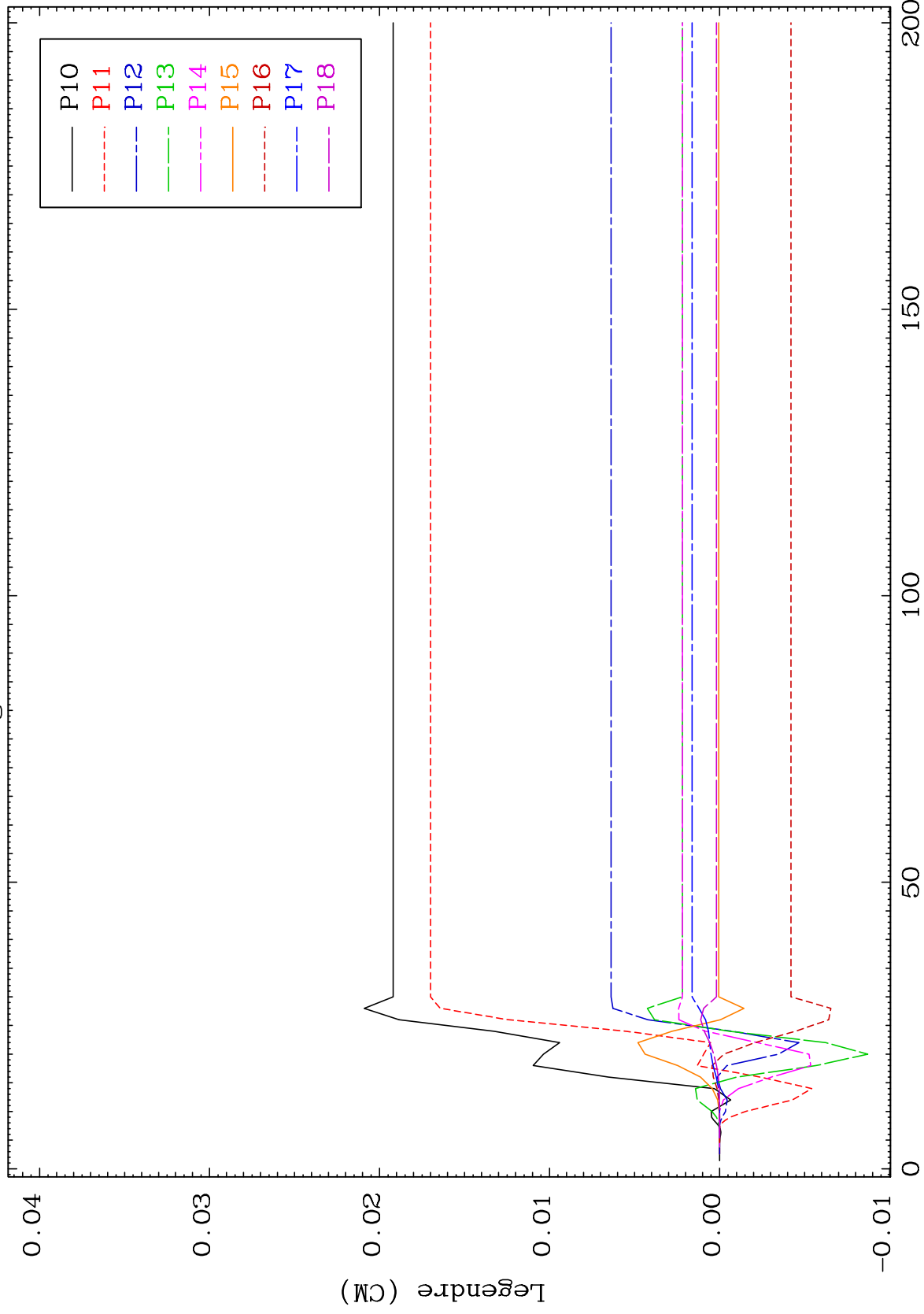




MAT 5355

1.109 MeV (n,n') Level  
Legendre Coefficients

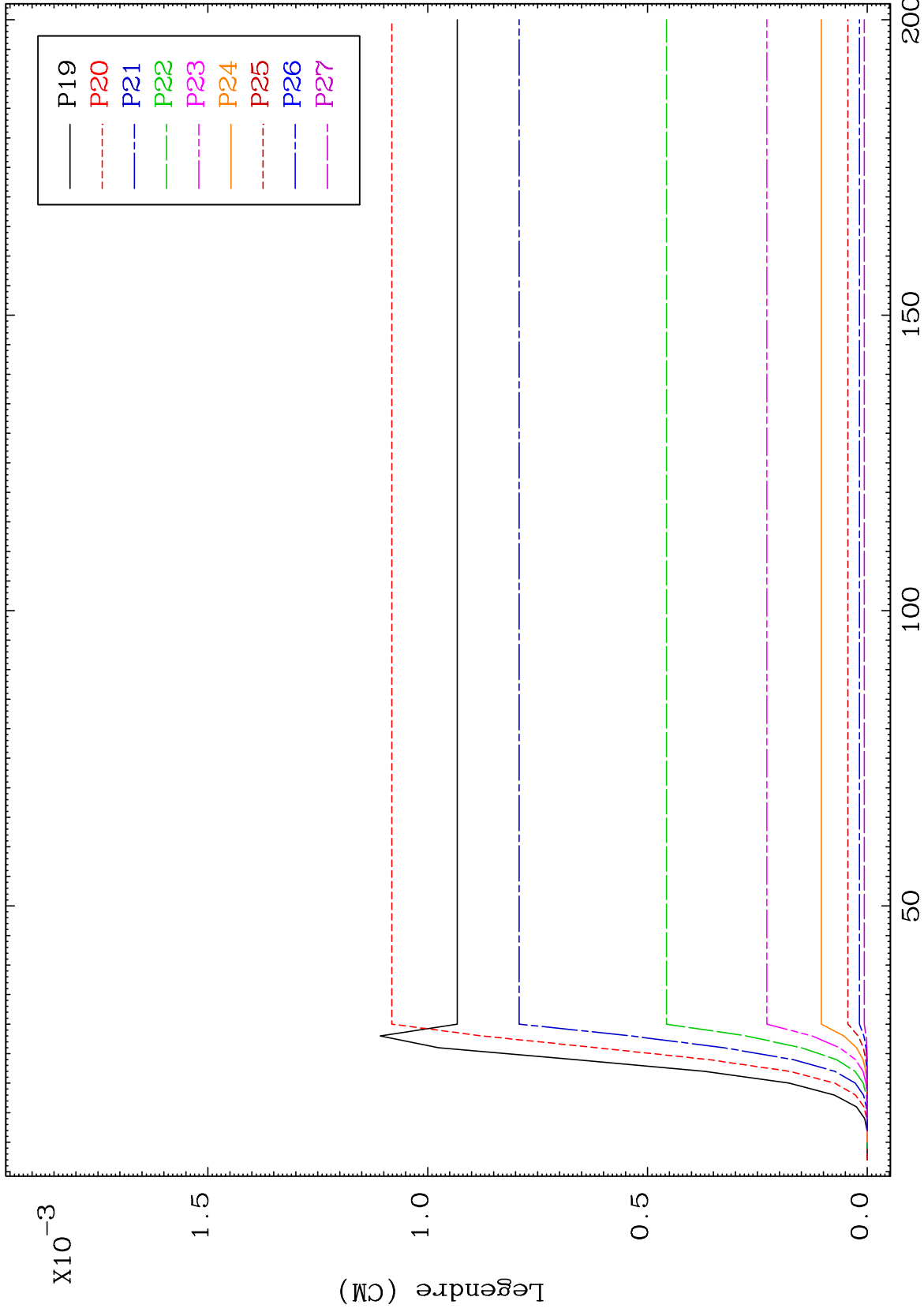
53-I -137

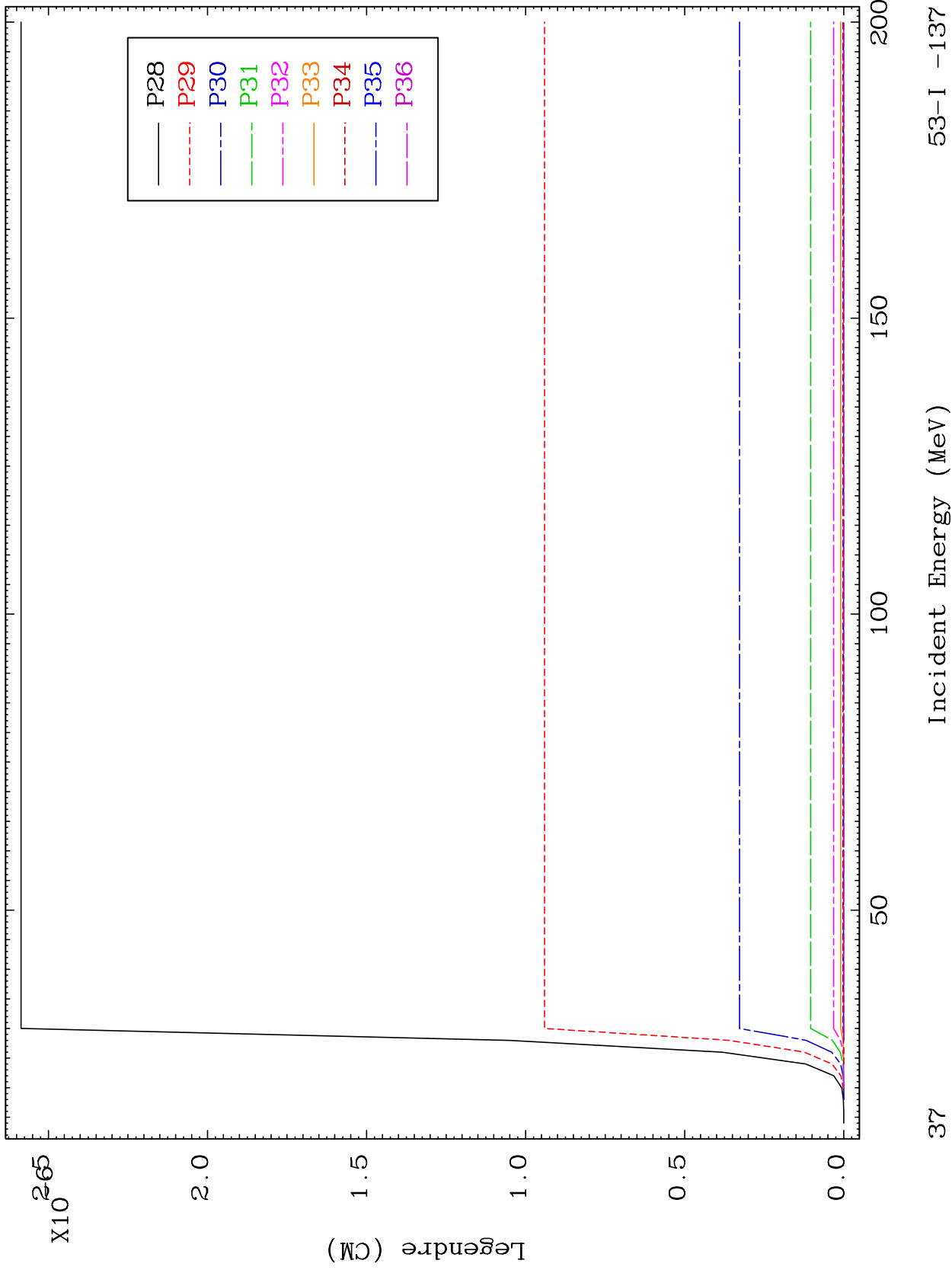


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Incident Energy (MeV)

53-I -137

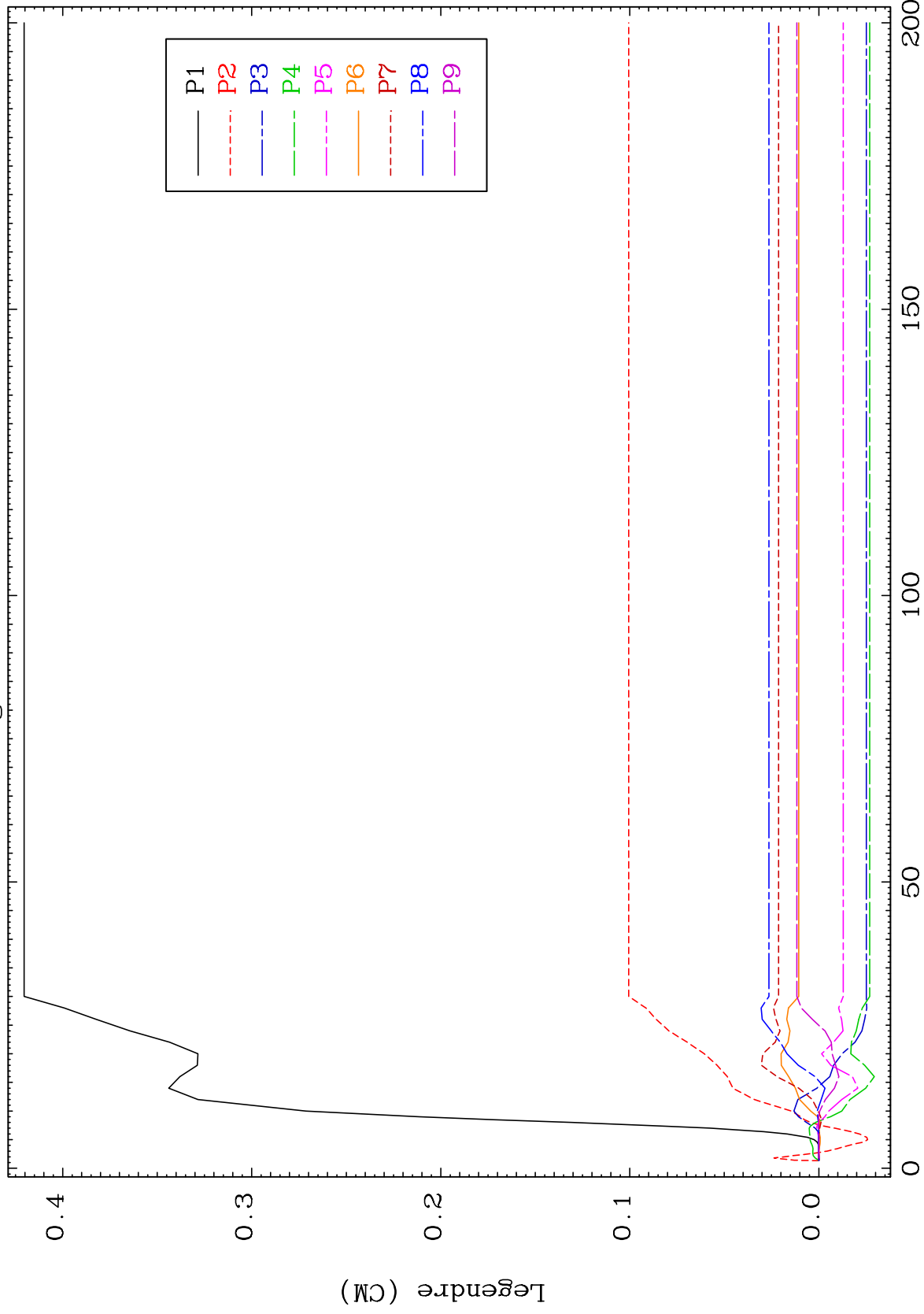




MAT 5355

1.313 MeV (n,n') Level  
Legendre Coefficients

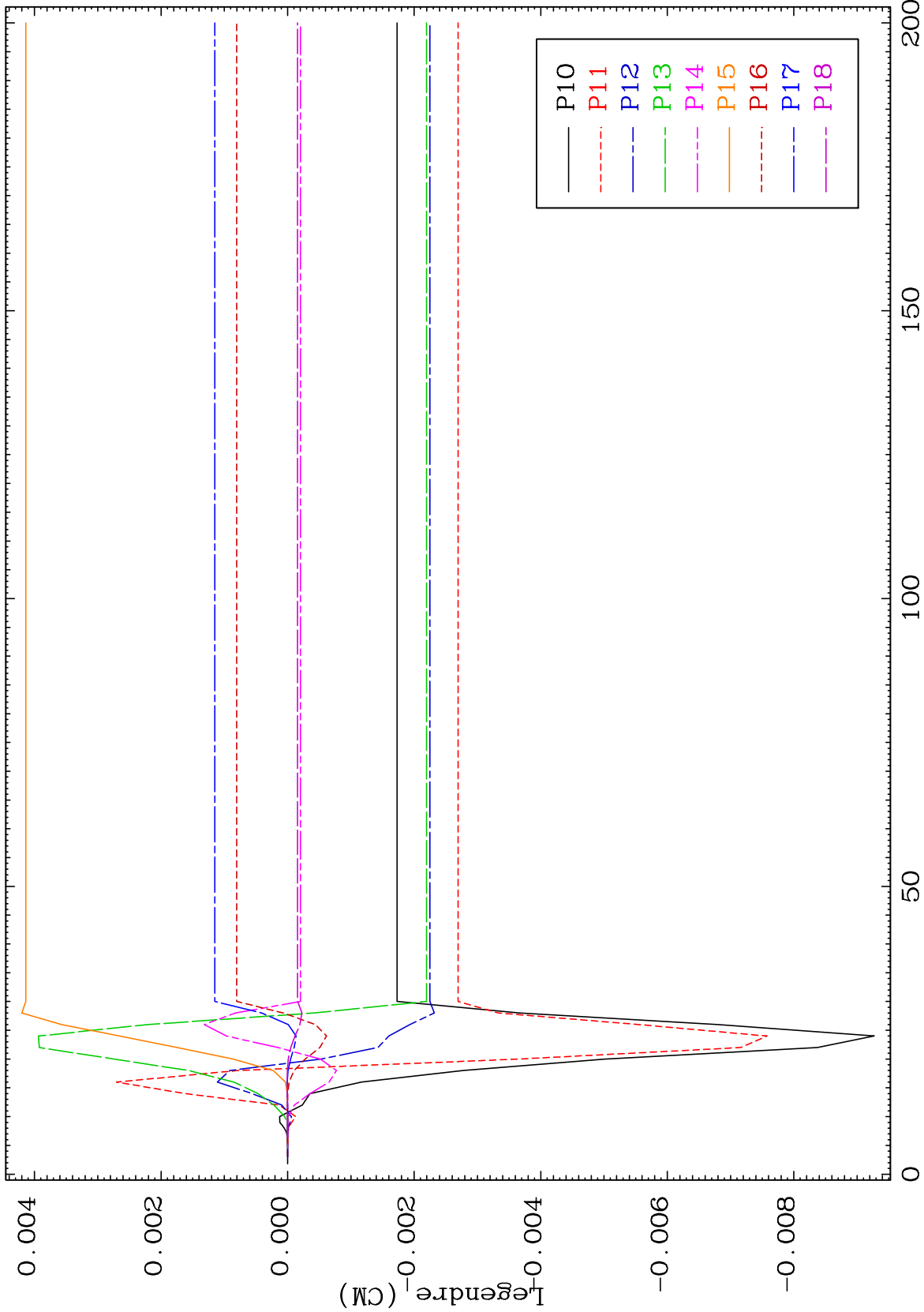
53-I -137



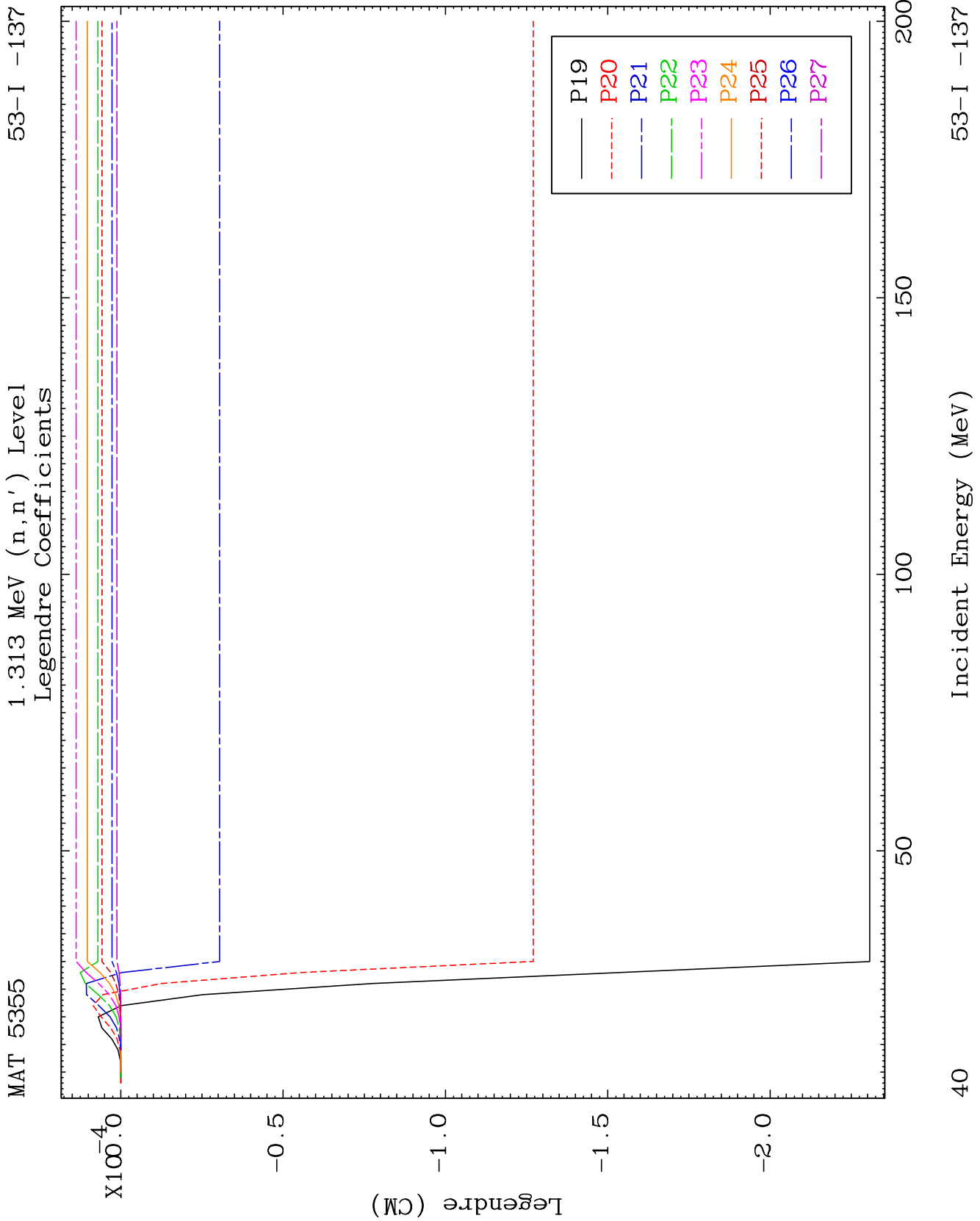
38

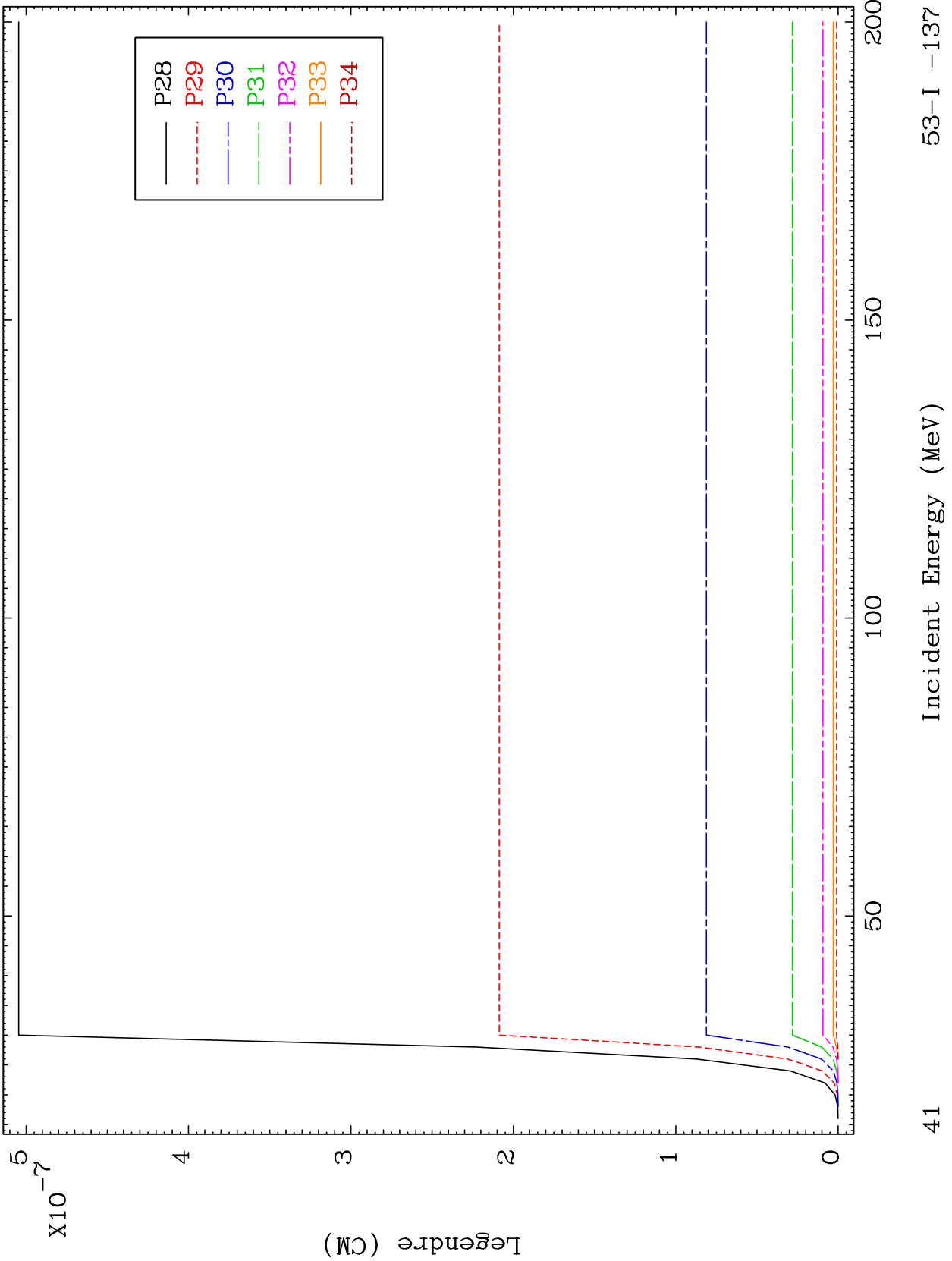
Incident Energy (MeV)

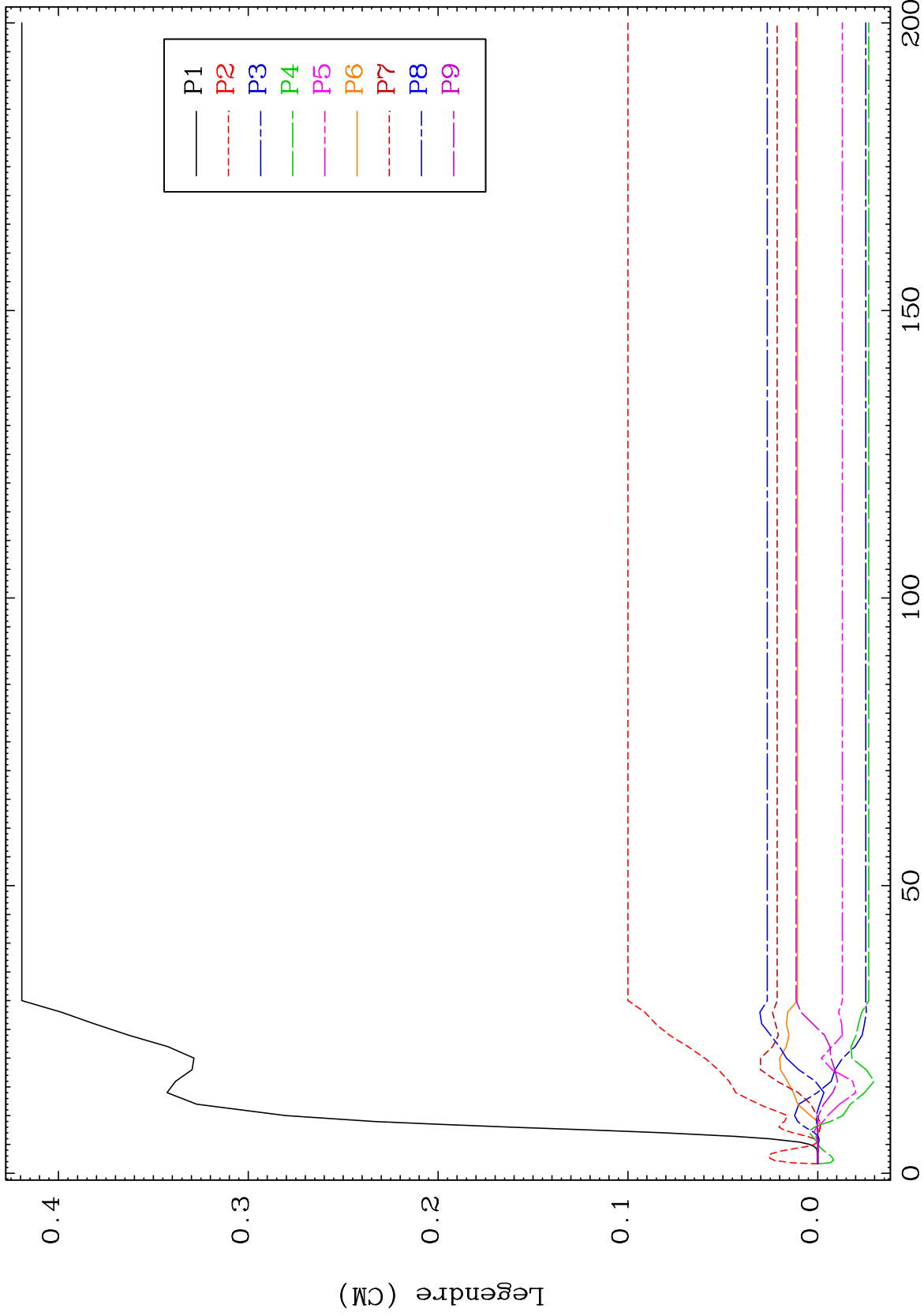
53-I -137







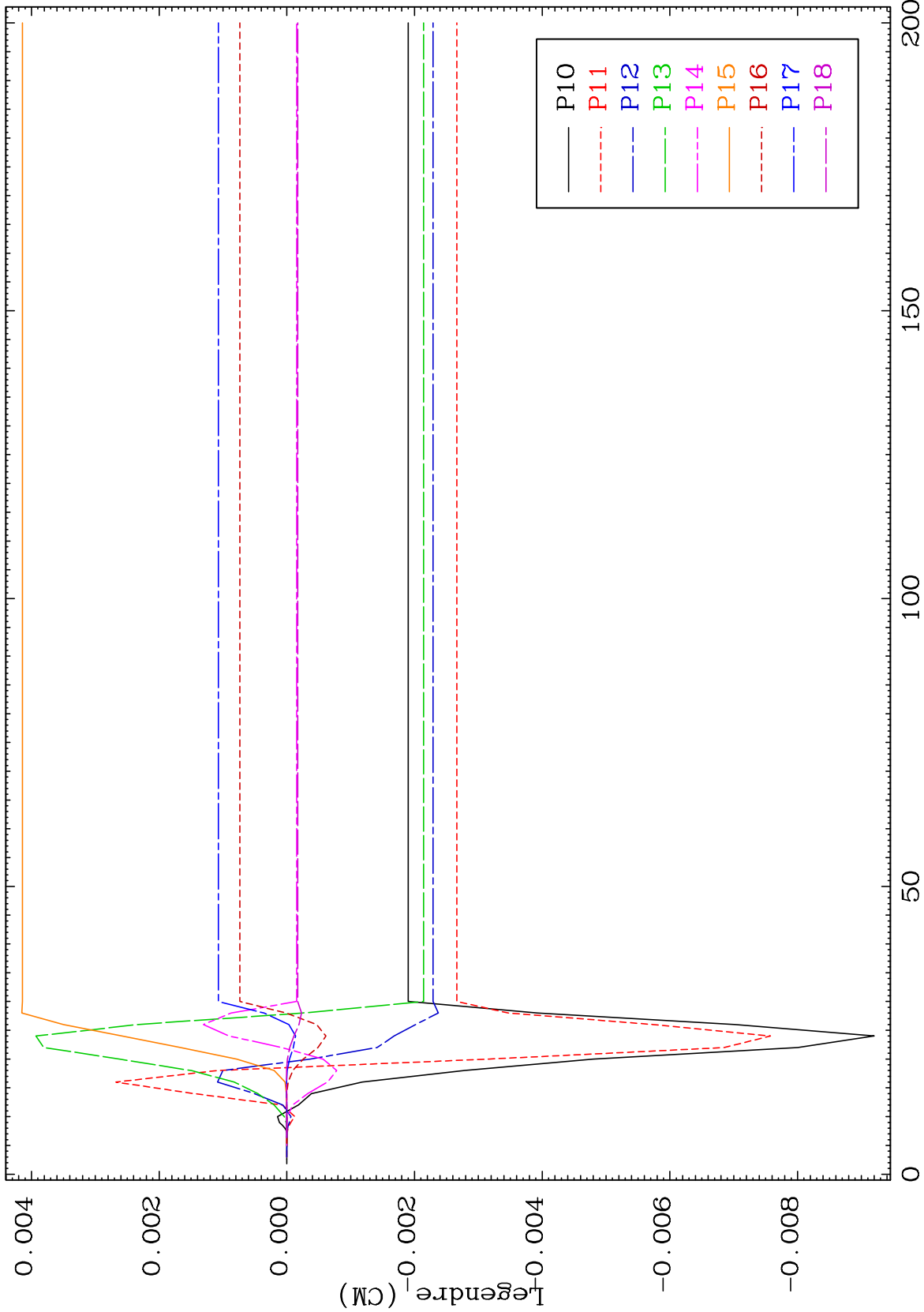




MAT 5355

1.609 MeV (n,n') Level  
Legendre Coefficients

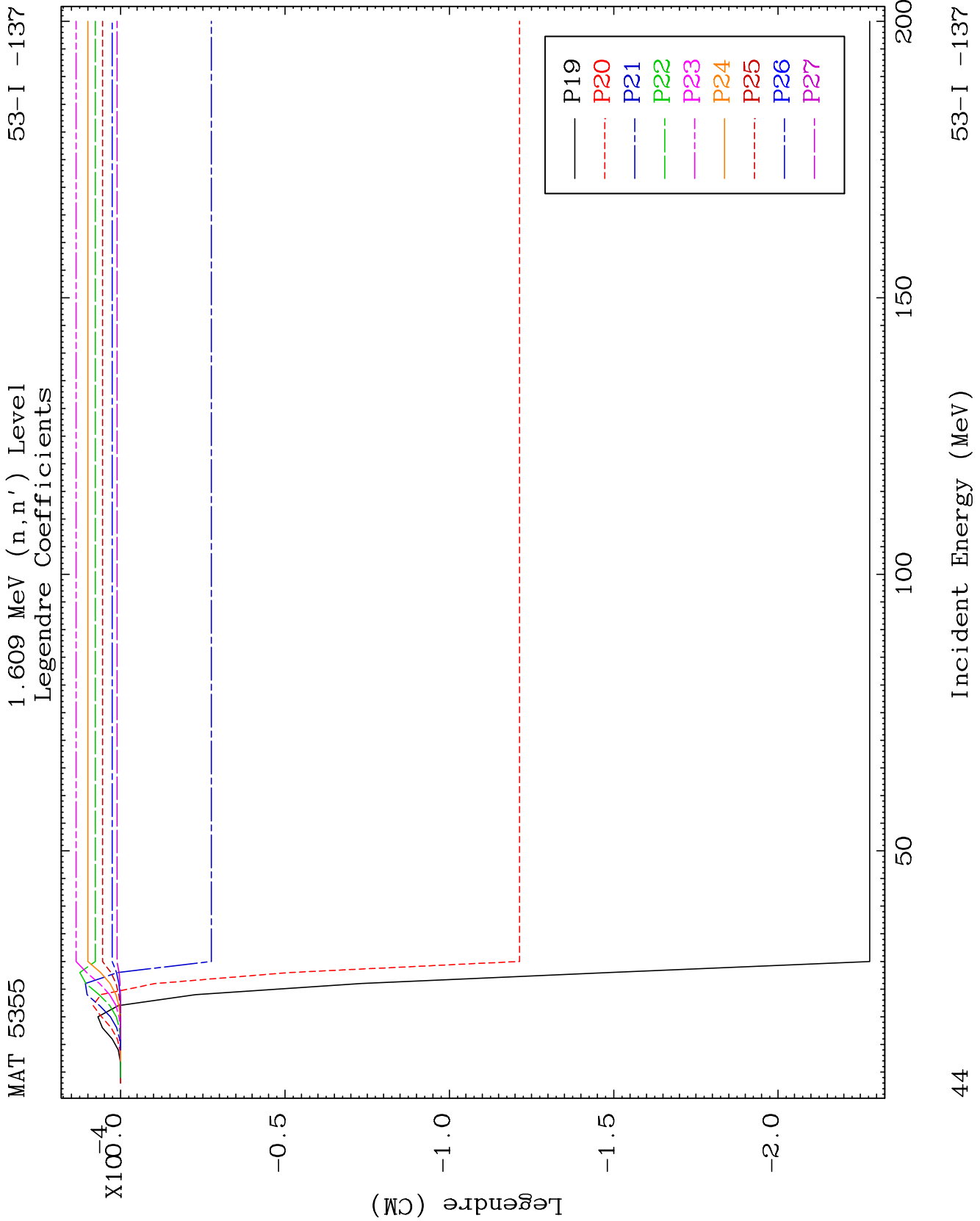
53-I -137



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Incident Energy (MeV)

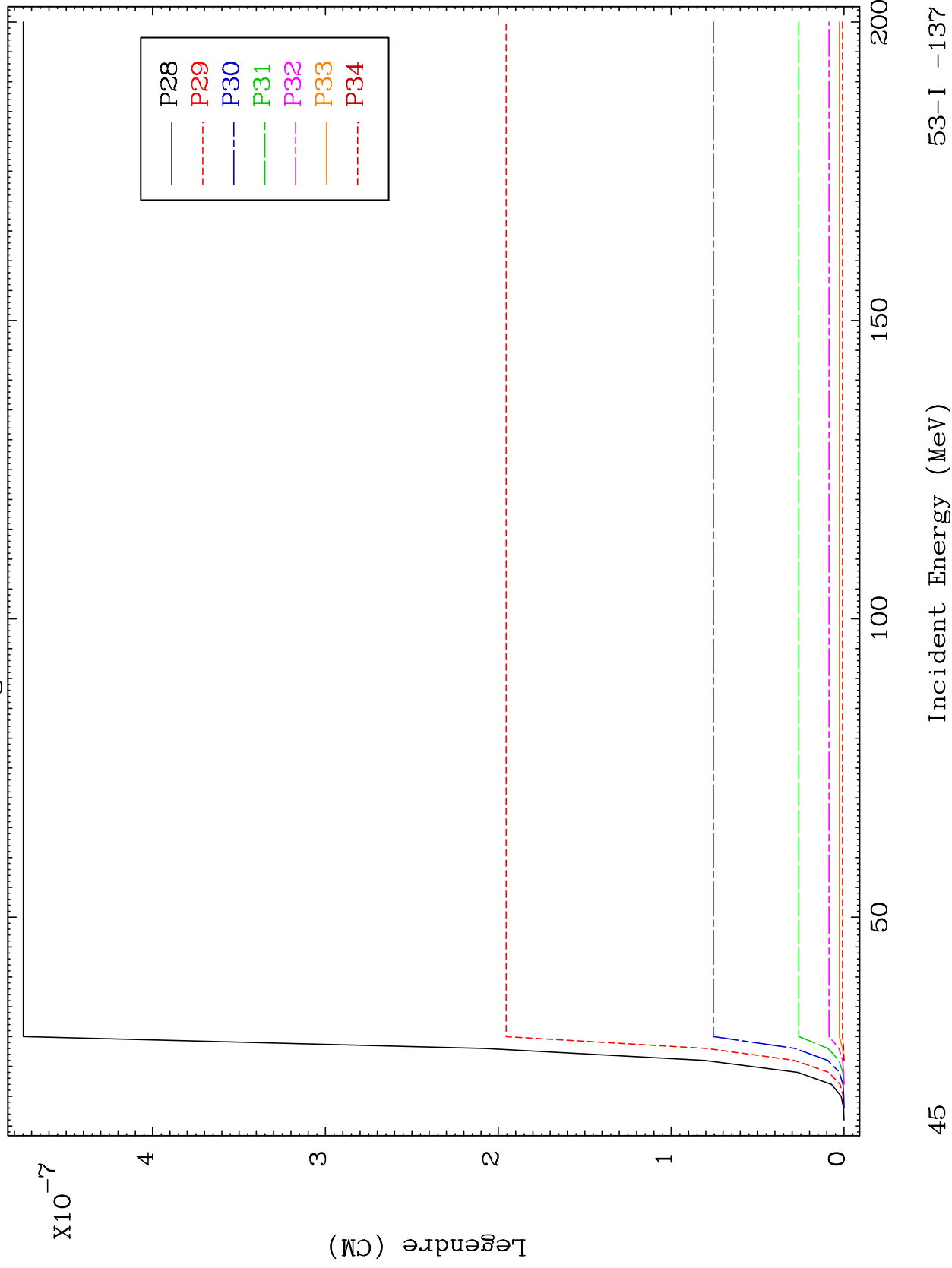
53-I -137

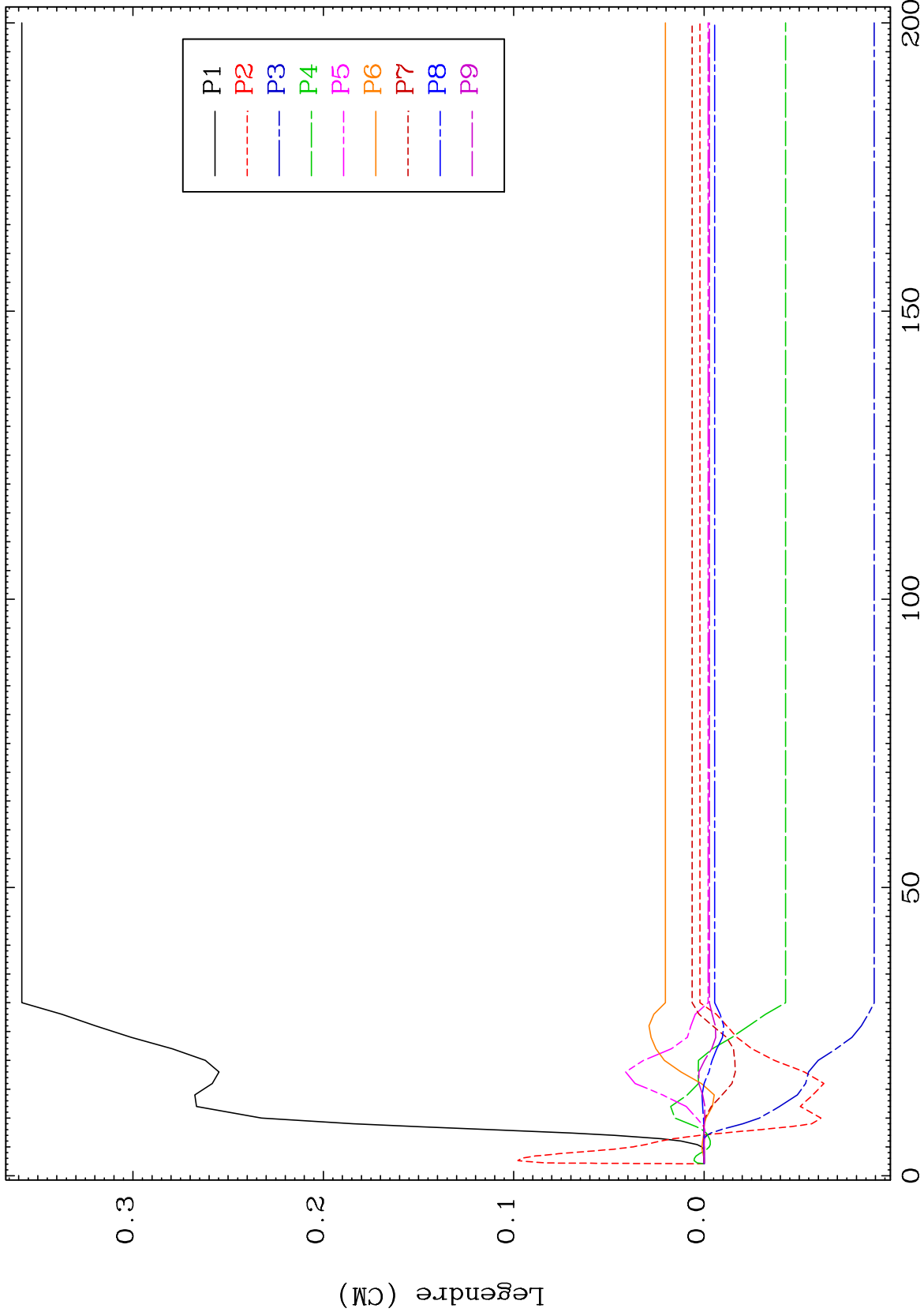


MAT 5355

1.609 MeV (n,n') Level  
Legendre Coefficients

53-I -137

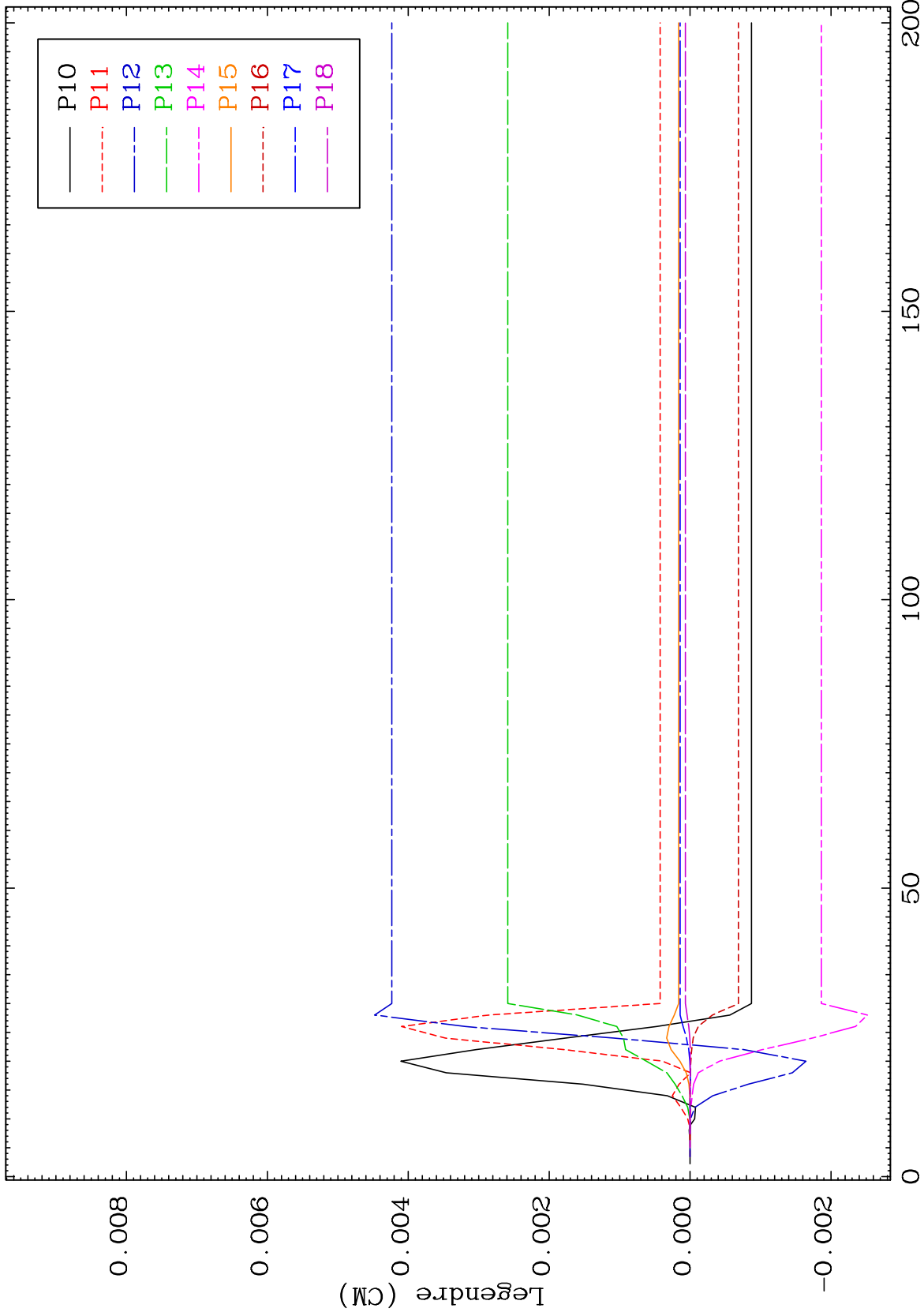




MAT 5355

2.038 MeV (n,n') Level  
Legendre Coefficients

53-I -137



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Incident Energy (MeV)

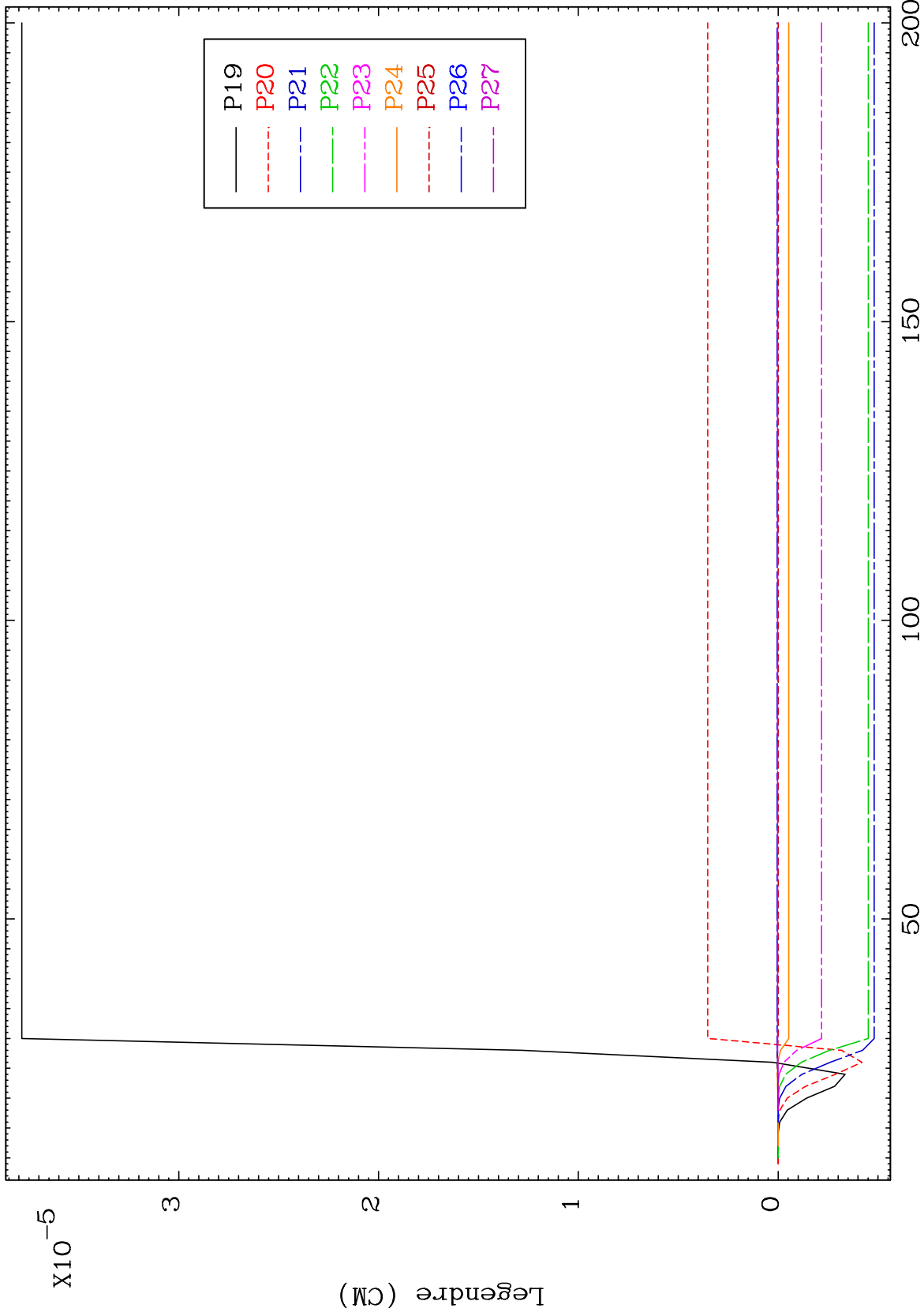
53-I -137



MAT 5355

2.038 MeV (n,n') Level  
Legendre Coefficients

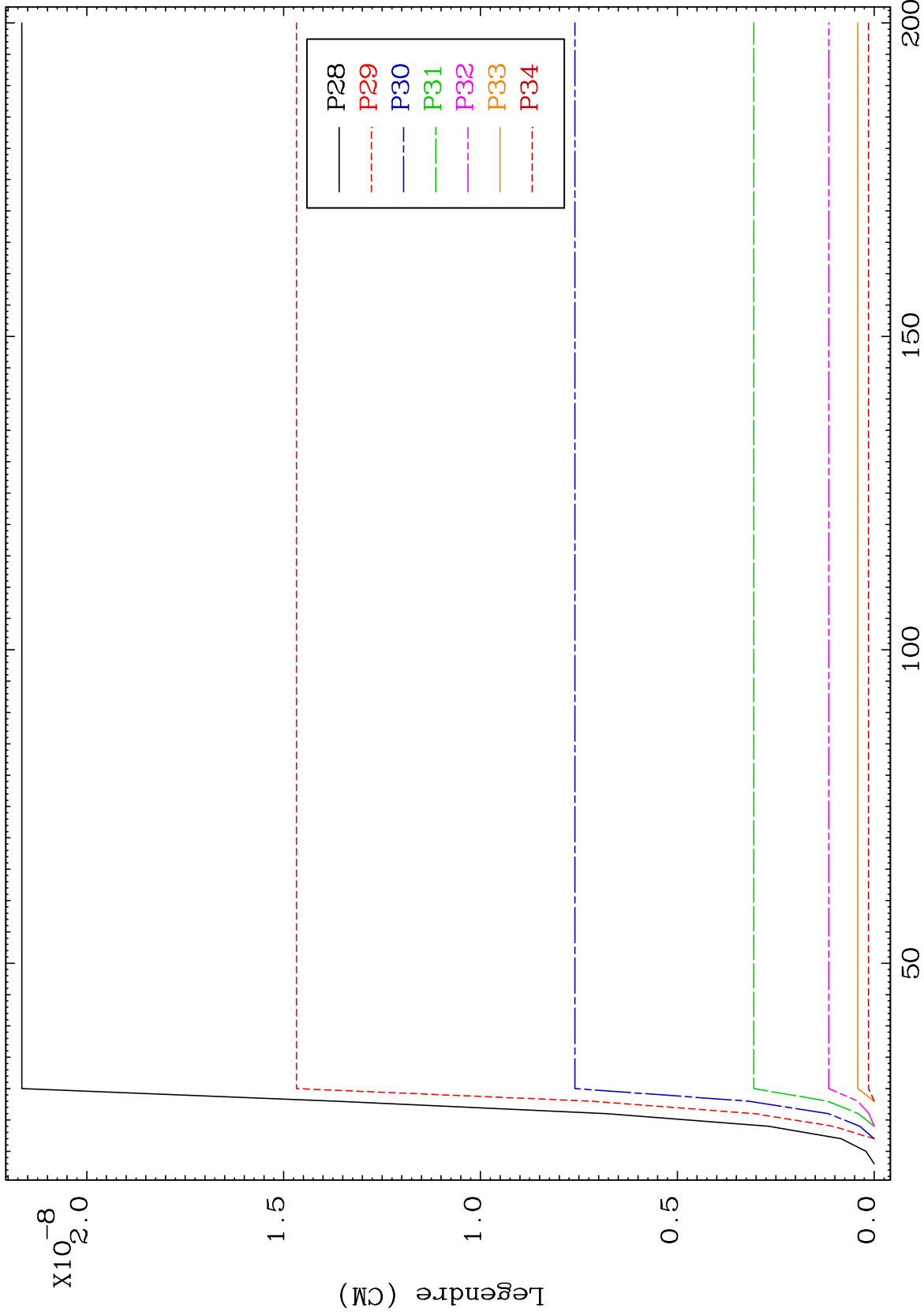
53-I -137



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Incident Energy (MeV)

53-I -137

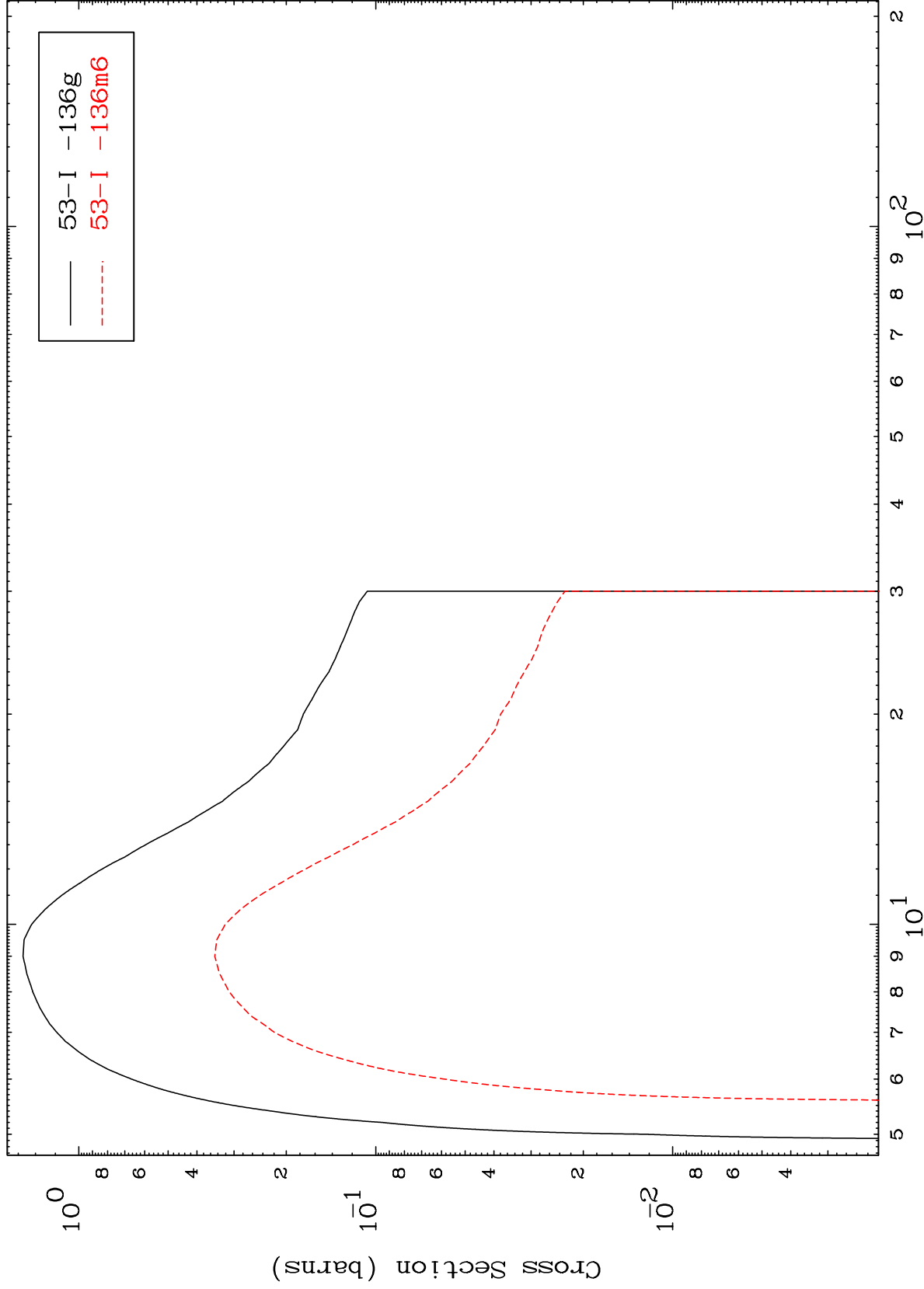


MAT 5355

(n,2n)

53-I -137

Radionuclide Production Cross Section



50

Incident Energy (MeV)

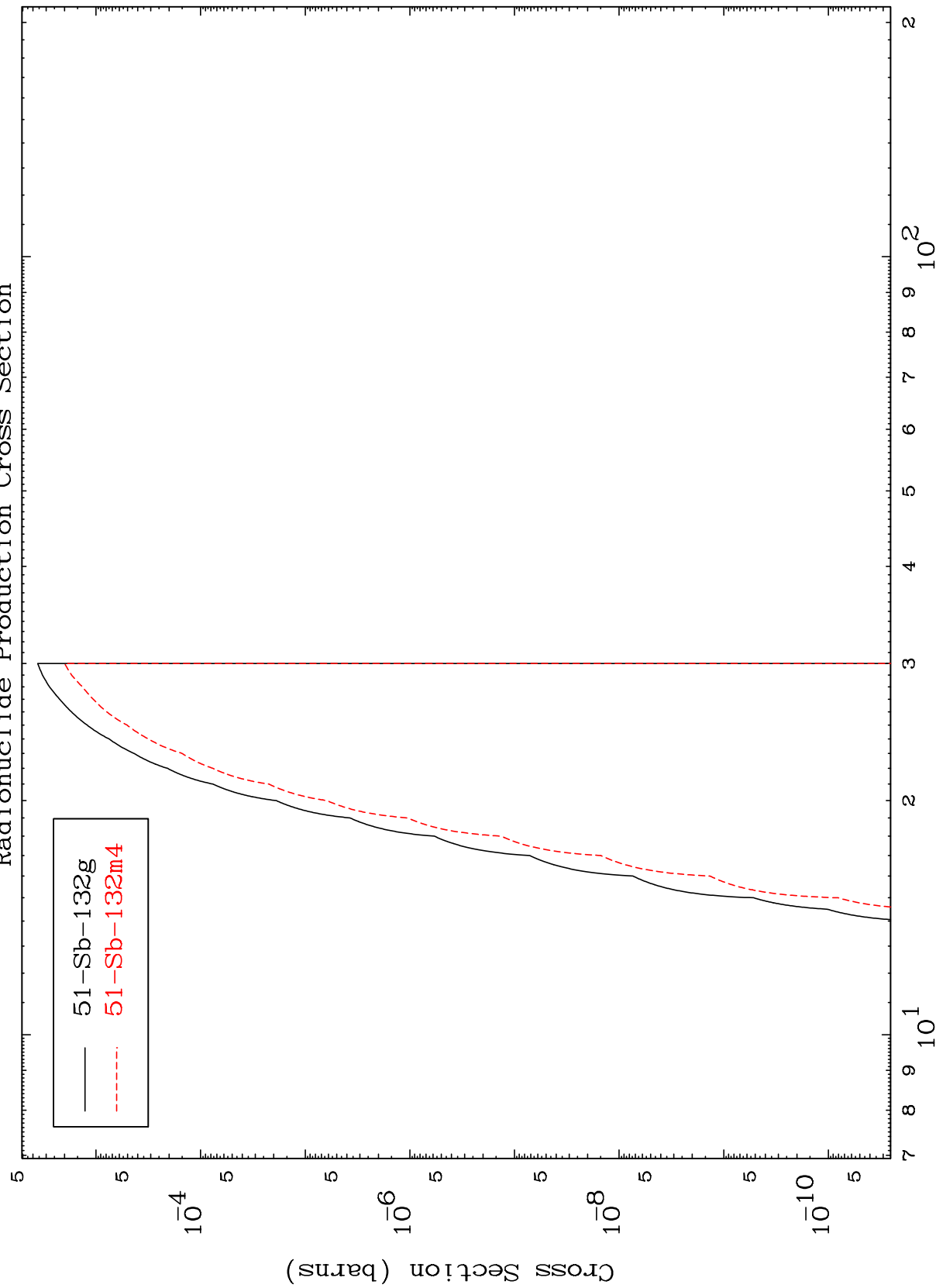
53-I -137

MAT 5355

(n,2n)  $\alpha$

53-I -137

Radionuclide Production Cross Section

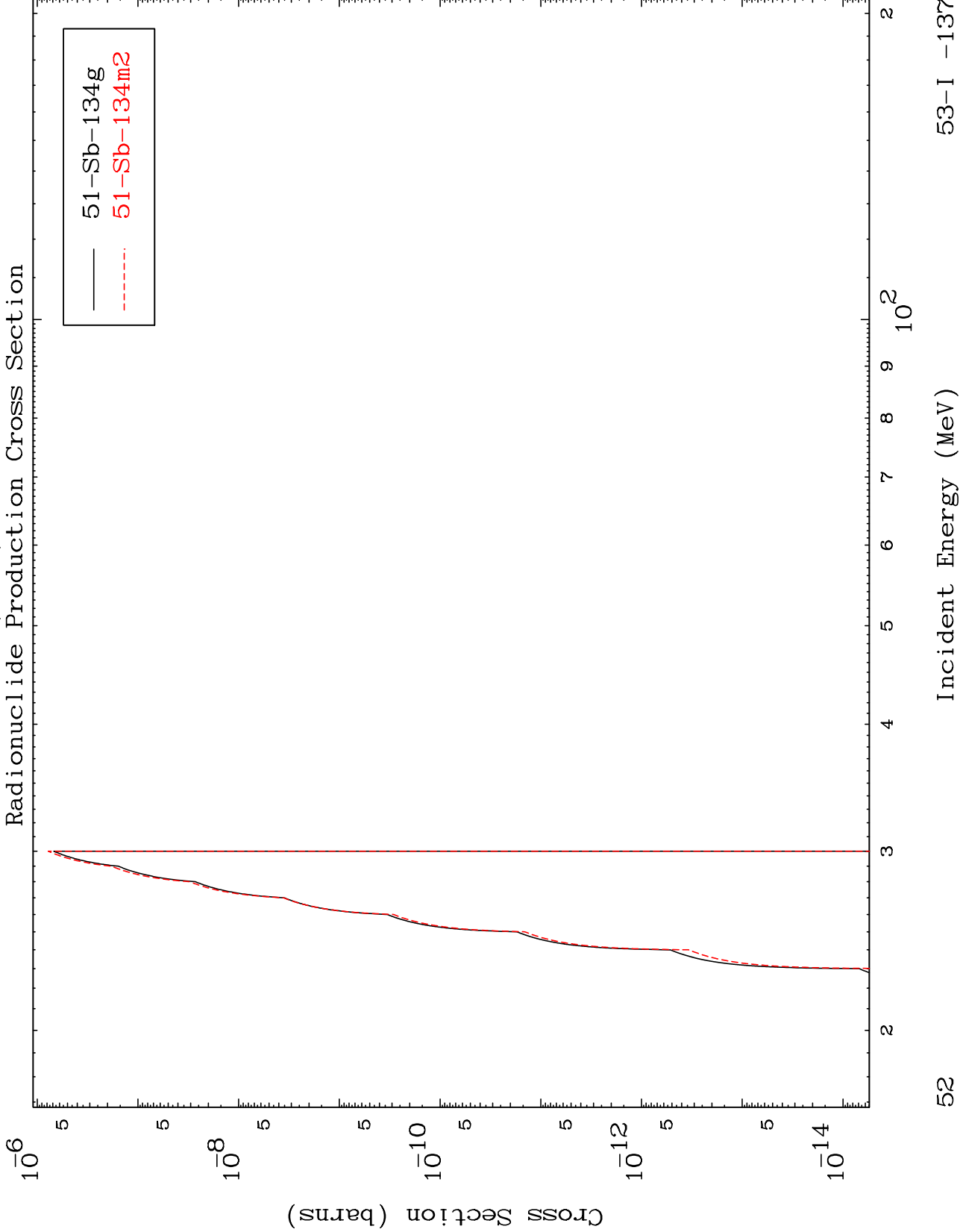


51-Sb-132g  
51-Sb-132m4

Incident Energy (MeV)

53-I -137

51

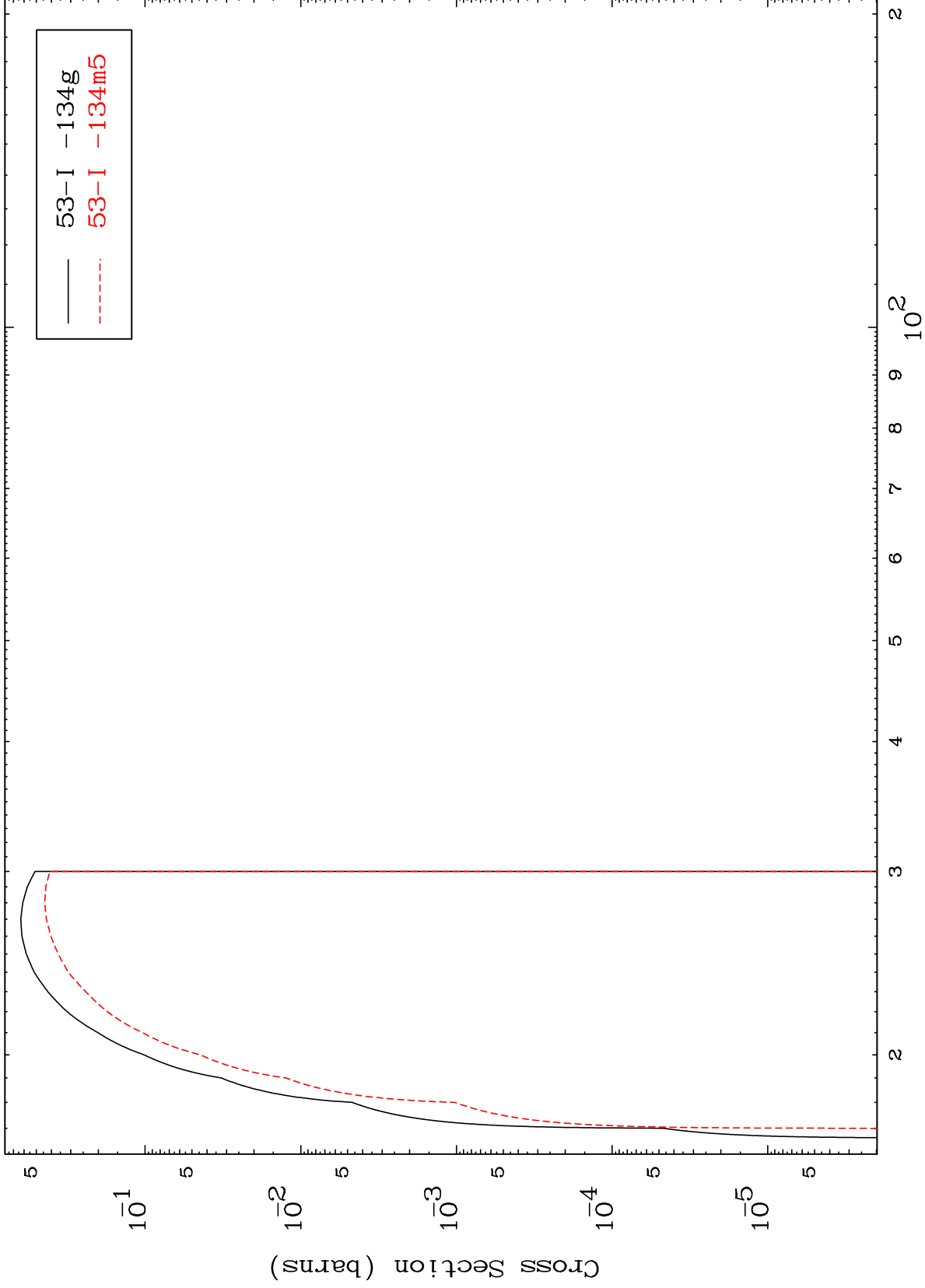


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(n,4n)

53-I -137

Radionuclide Production Cross Section



53

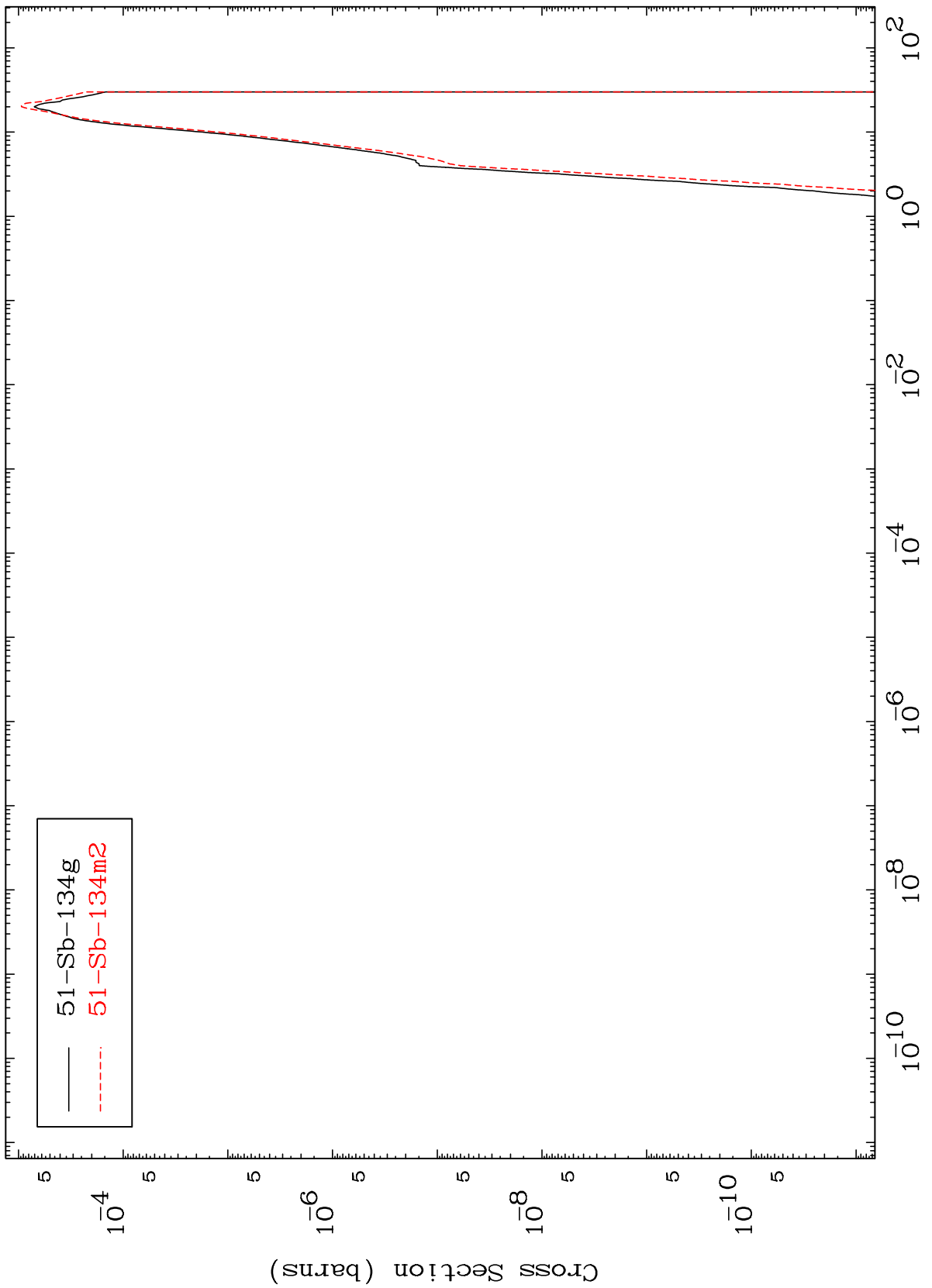
Incident Energy (MeV)

53-I -137

MAT 5355

53-I -137

Radionuclide Production Cross Section



54

53-I -137