

Program EVALPLOT  
(Version 2018-1)

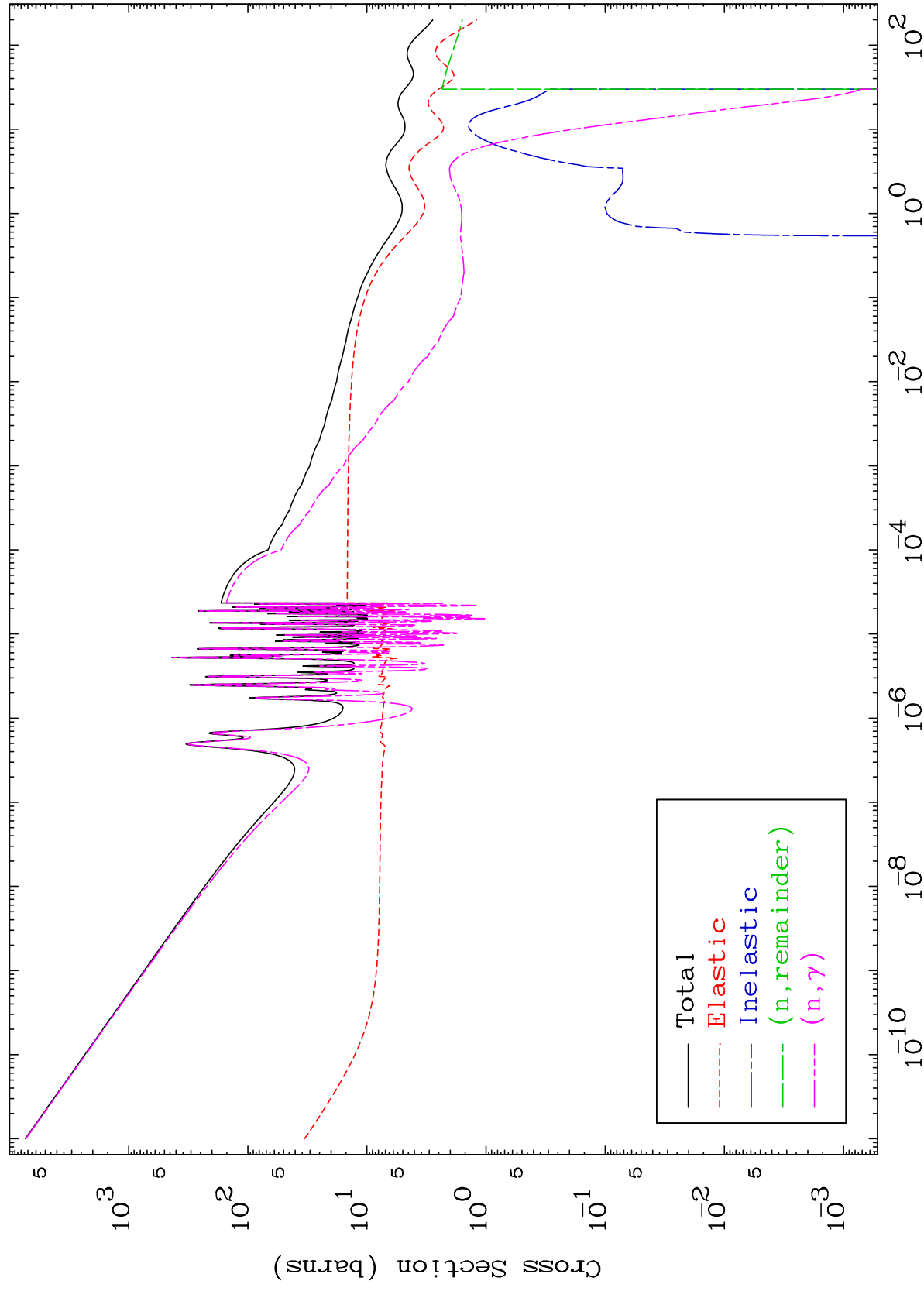
by

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

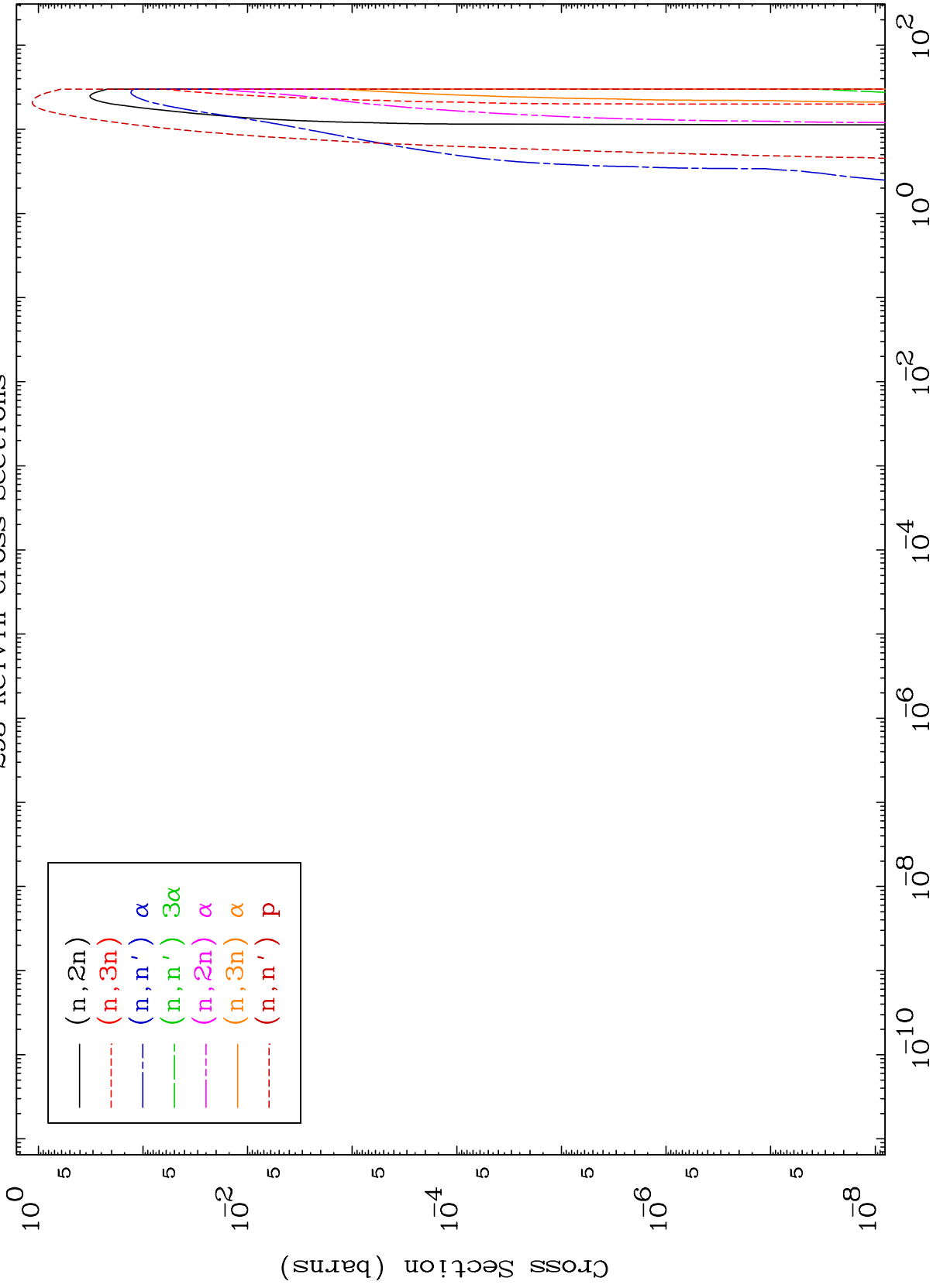
Press Mouse Button to Start



MAT 8171

Neutron Production  
293 Kelvin Cross Sections

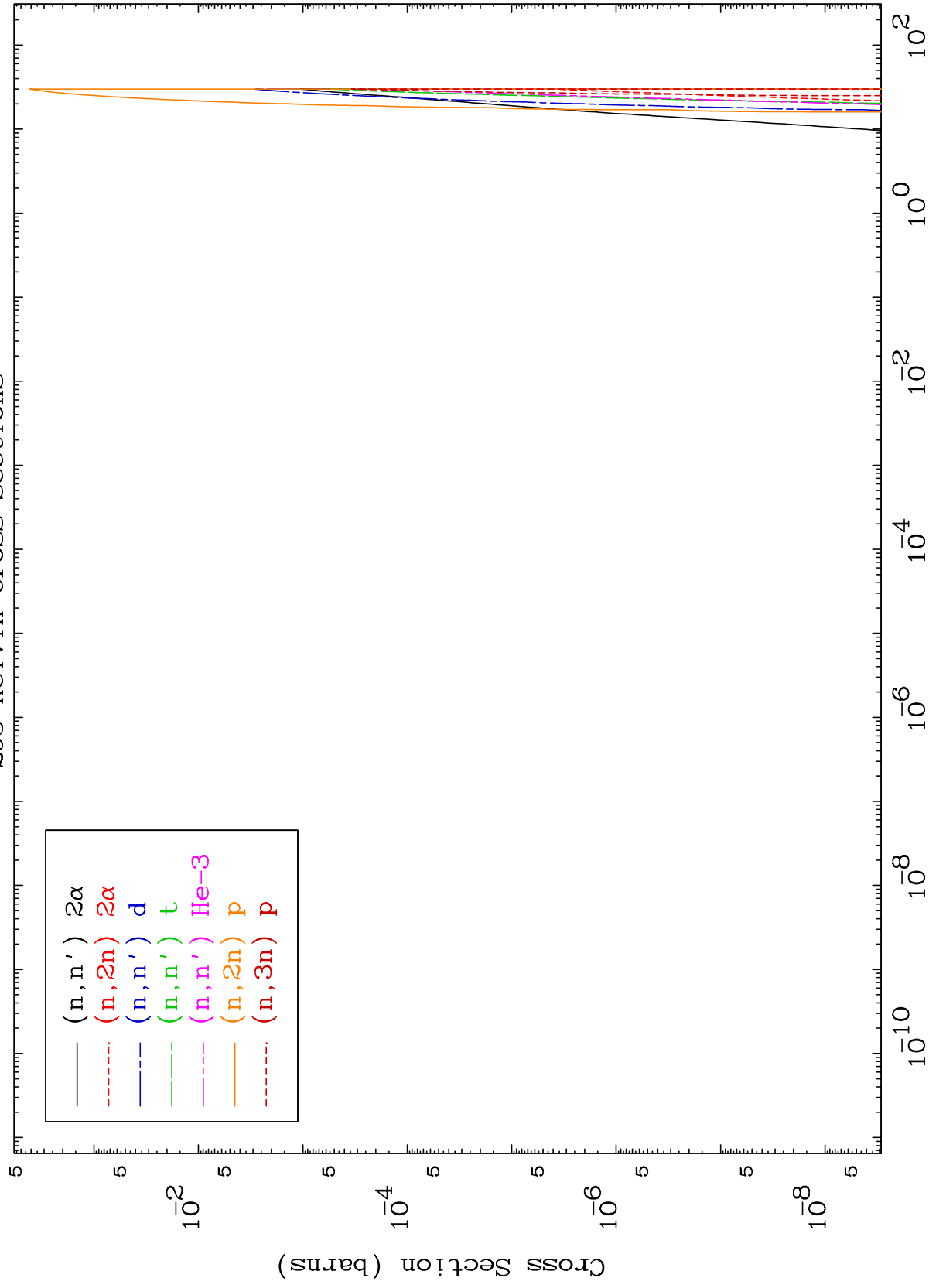
82-Pb-186

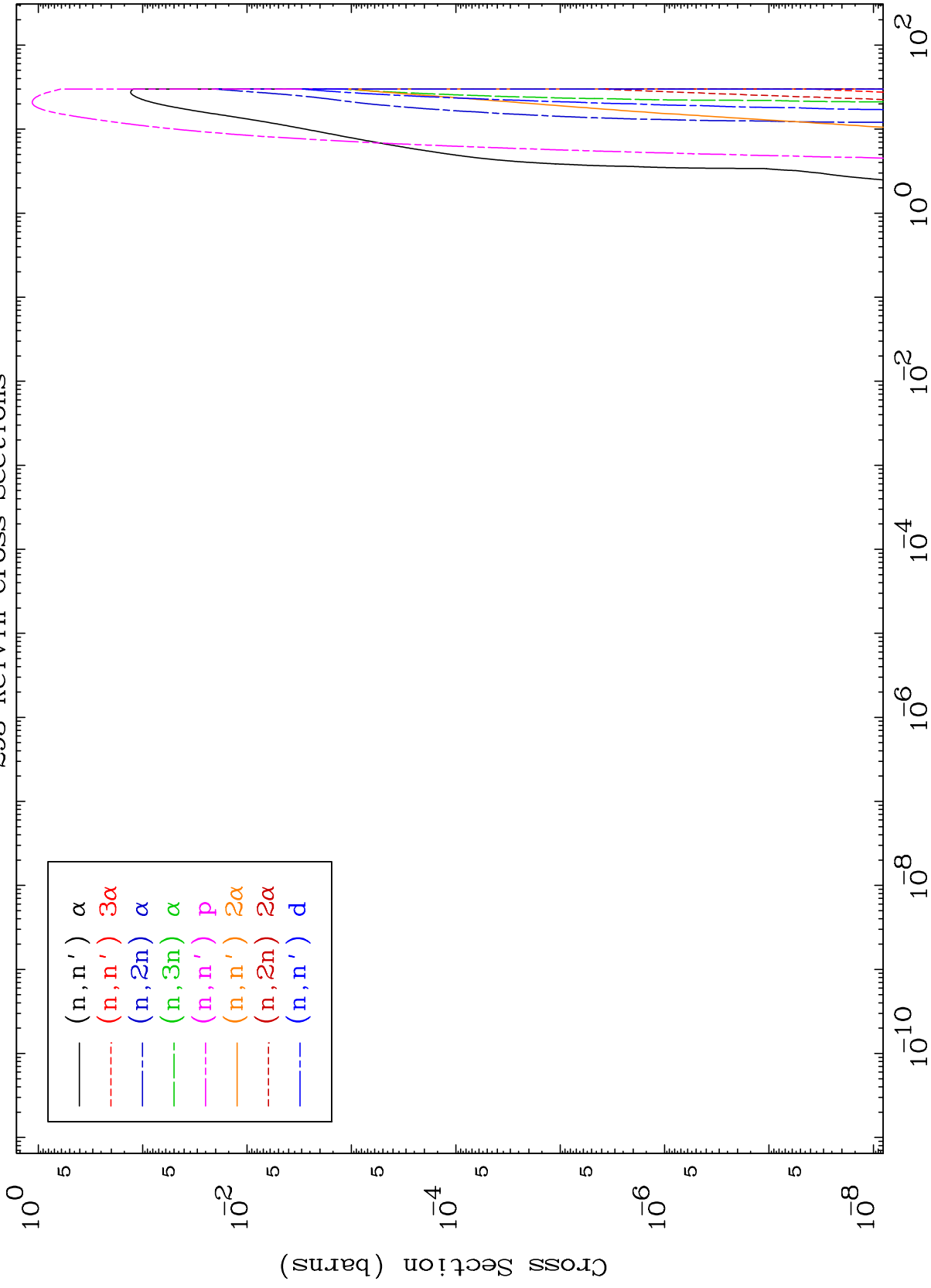


MAT 8171

Neutron Production  
293 Kelvin Cross Sections

82-Pb-186

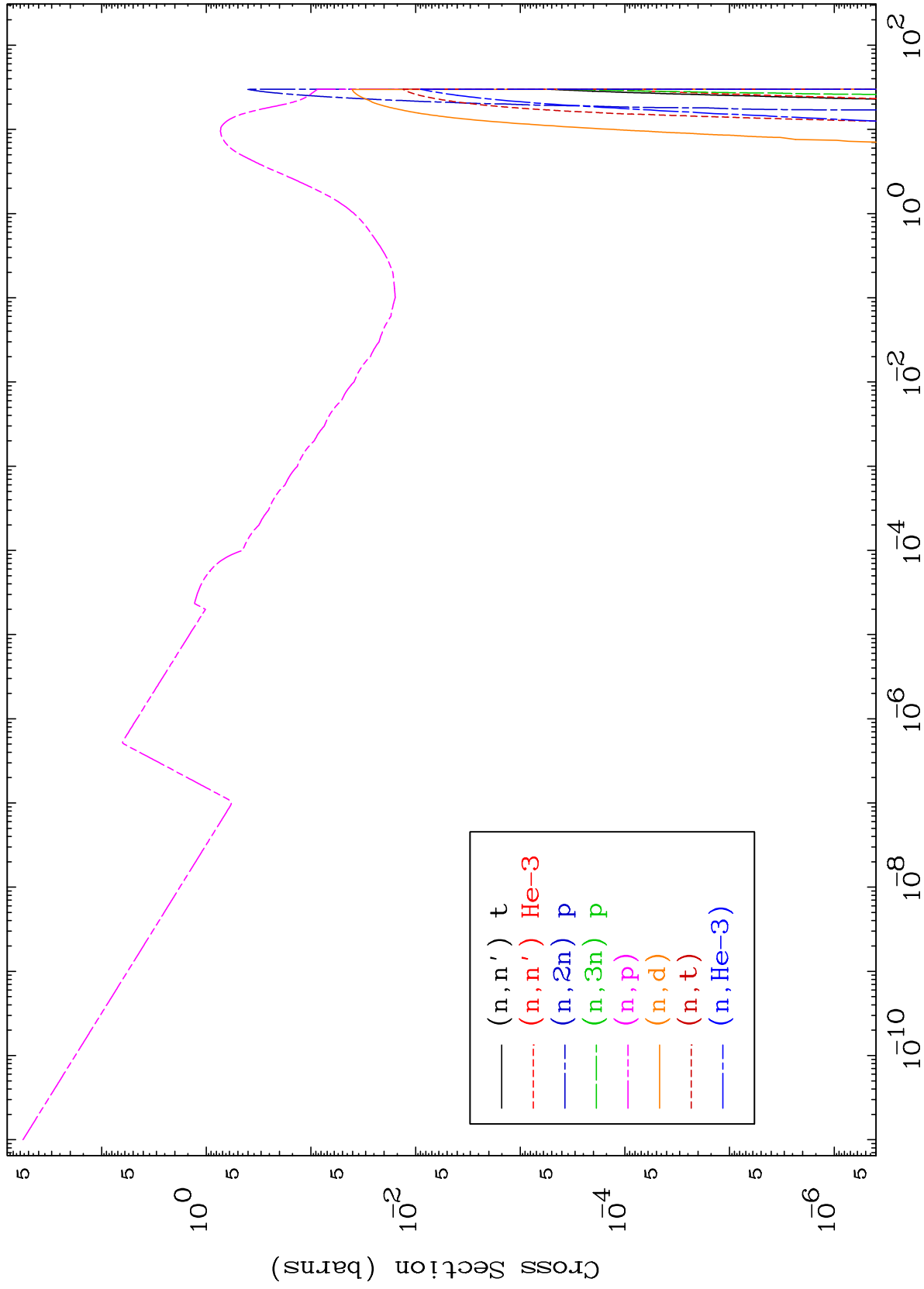




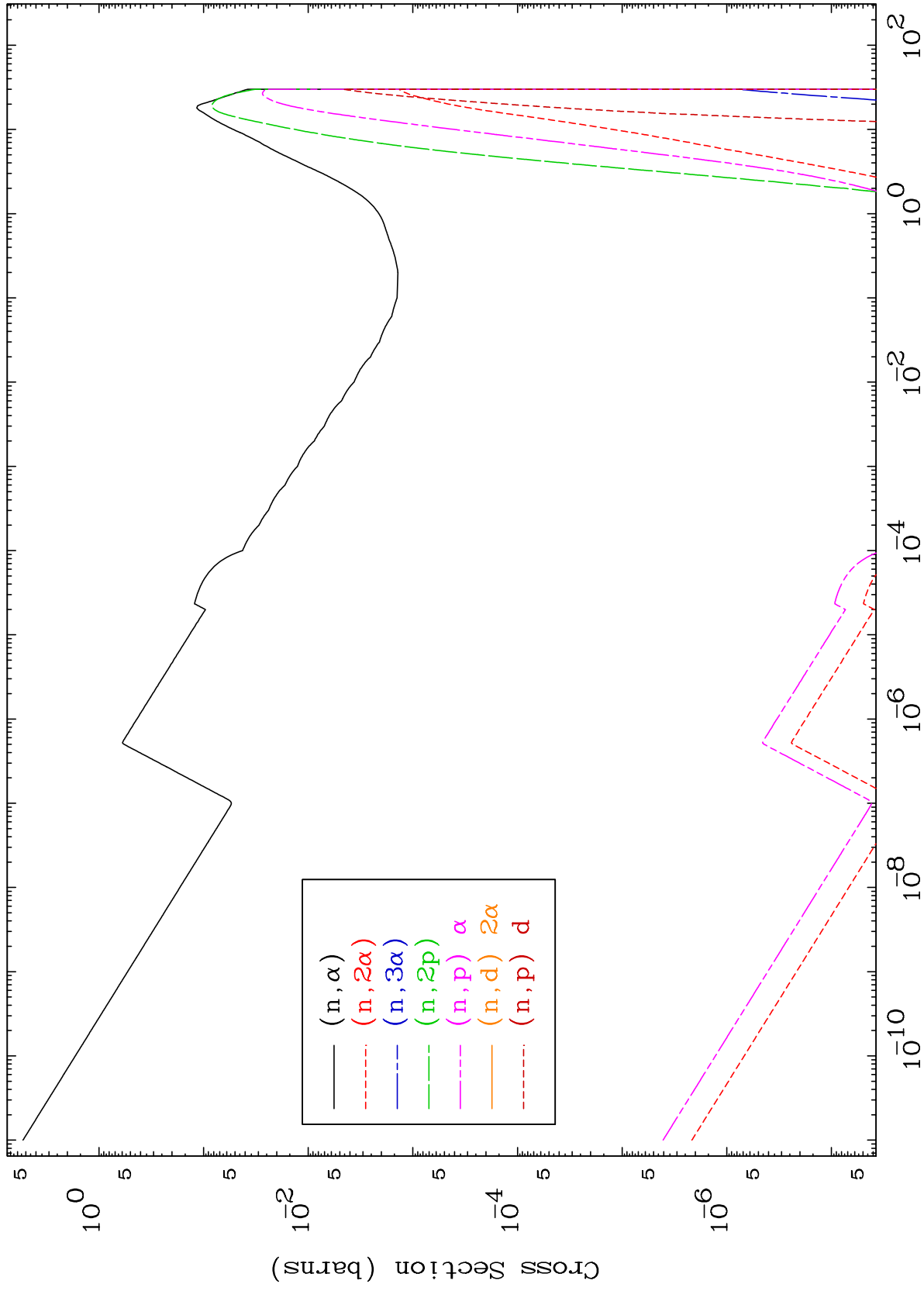
MAT 8171

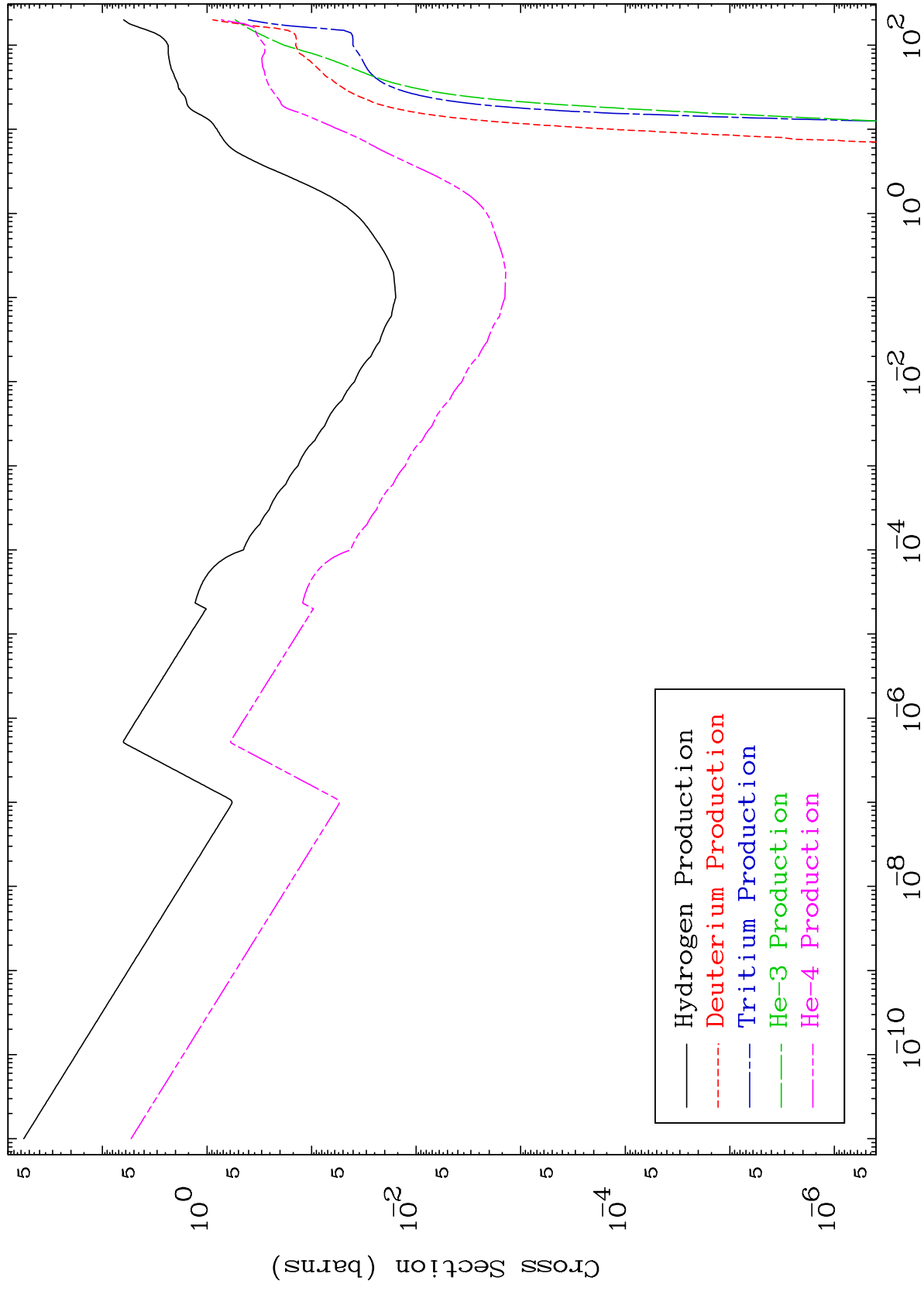
Charged Particle  
293 Kelvin Cross Sections

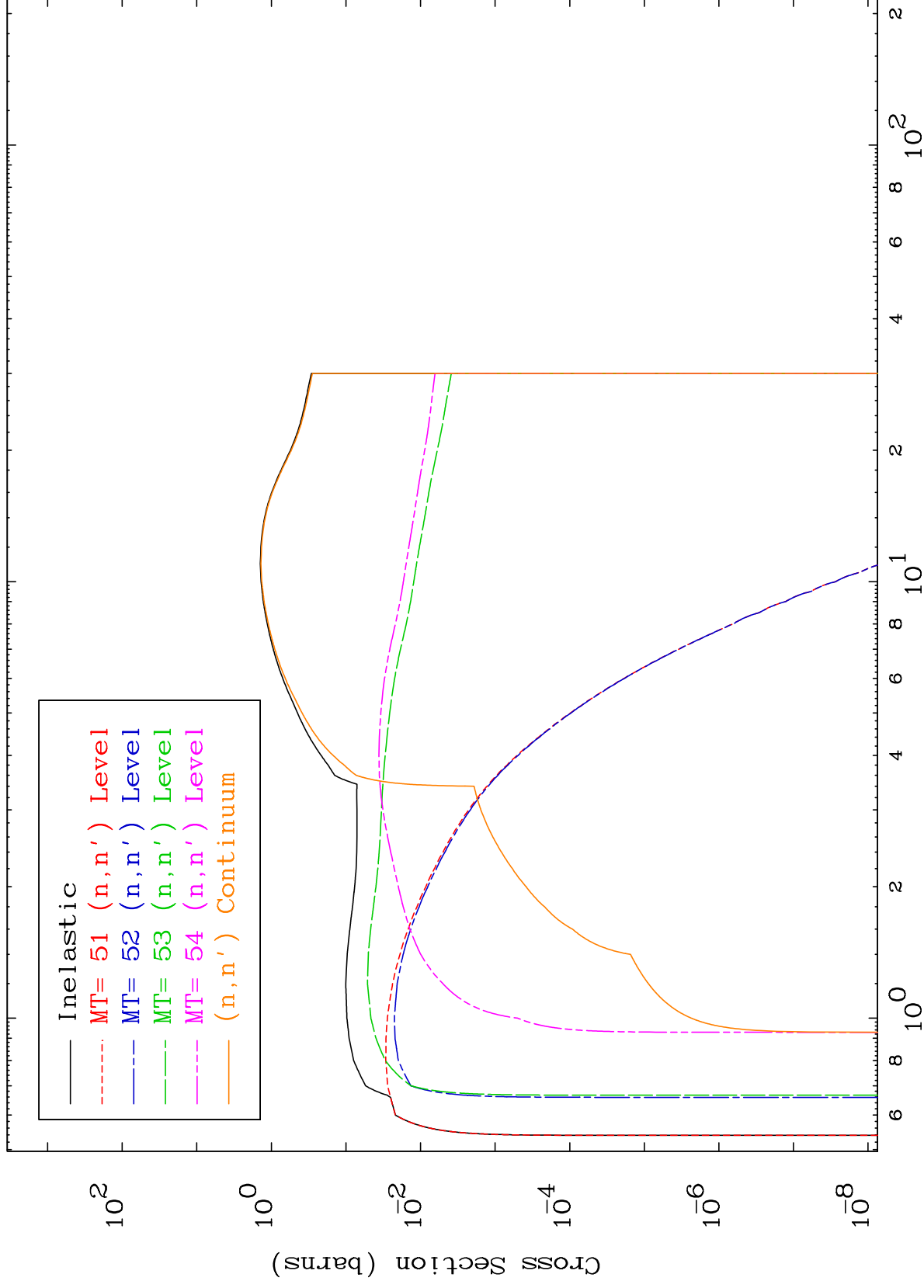
82-Pb-186



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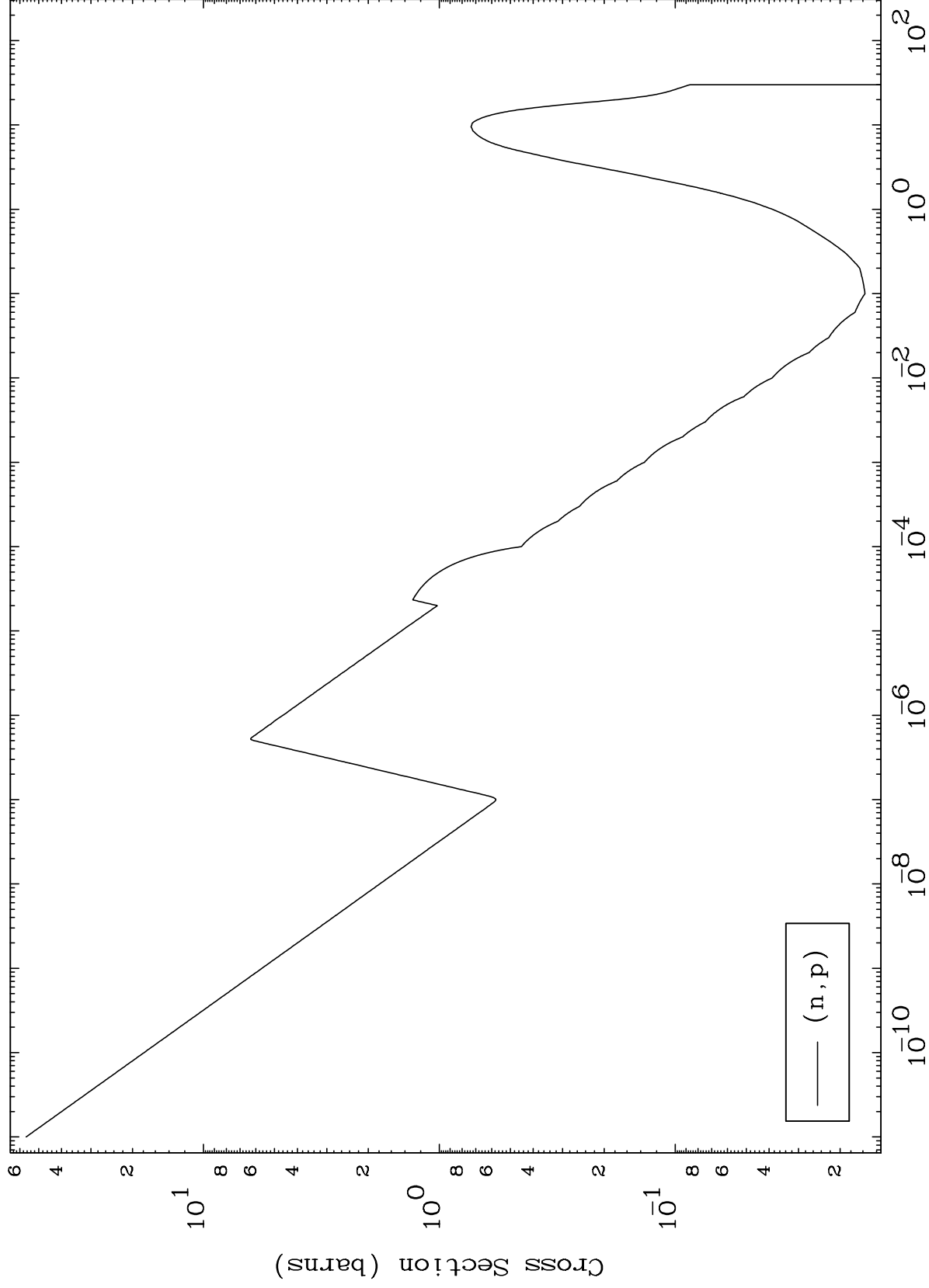


(n,n') Level  
293 Kelvin Cross Sections

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(n,p) Levels  
293 Kelvin Cross Sections

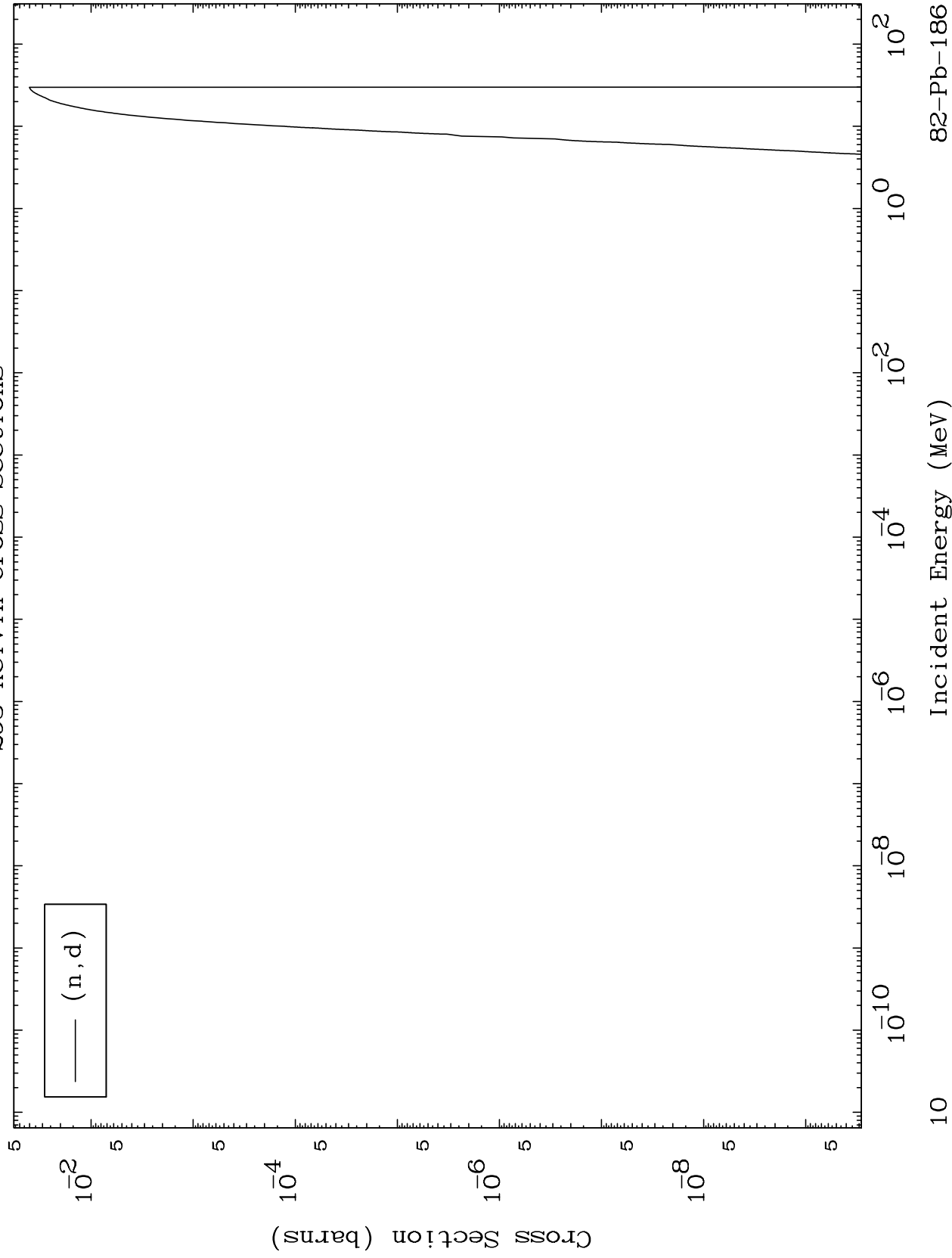
82-Pb-186



MAT 8171

(n,d) Levels  
293 Kelvin Cross Sections

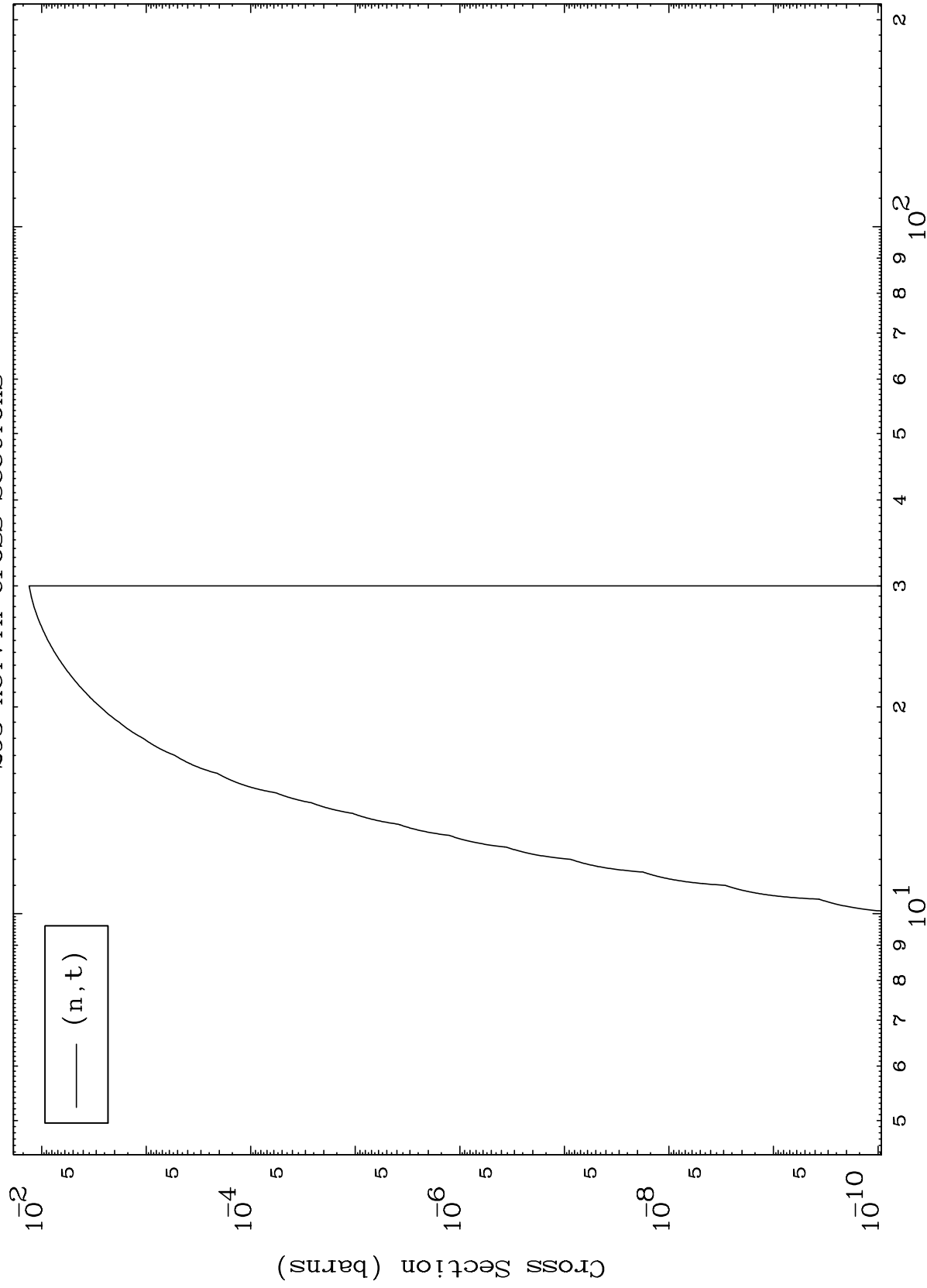
82-Pb-186



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82-Pb-186

(n,t) Levels  
293 Kelvin Cross Sections



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Incident Energy (MeV)

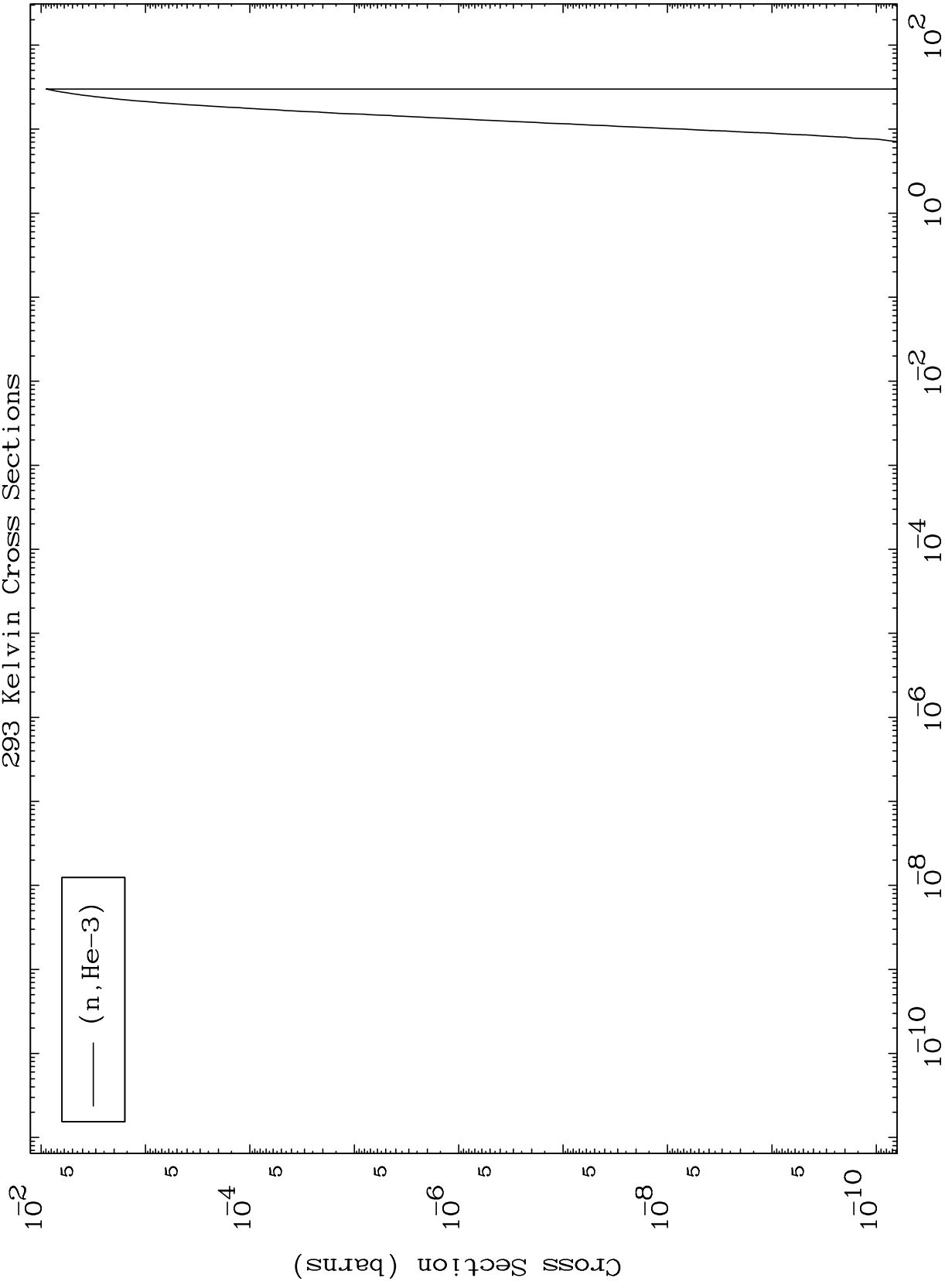
82-Pb-186

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(n,He3) Levels

82-Pb-186

293 Kelvin Cross Sections



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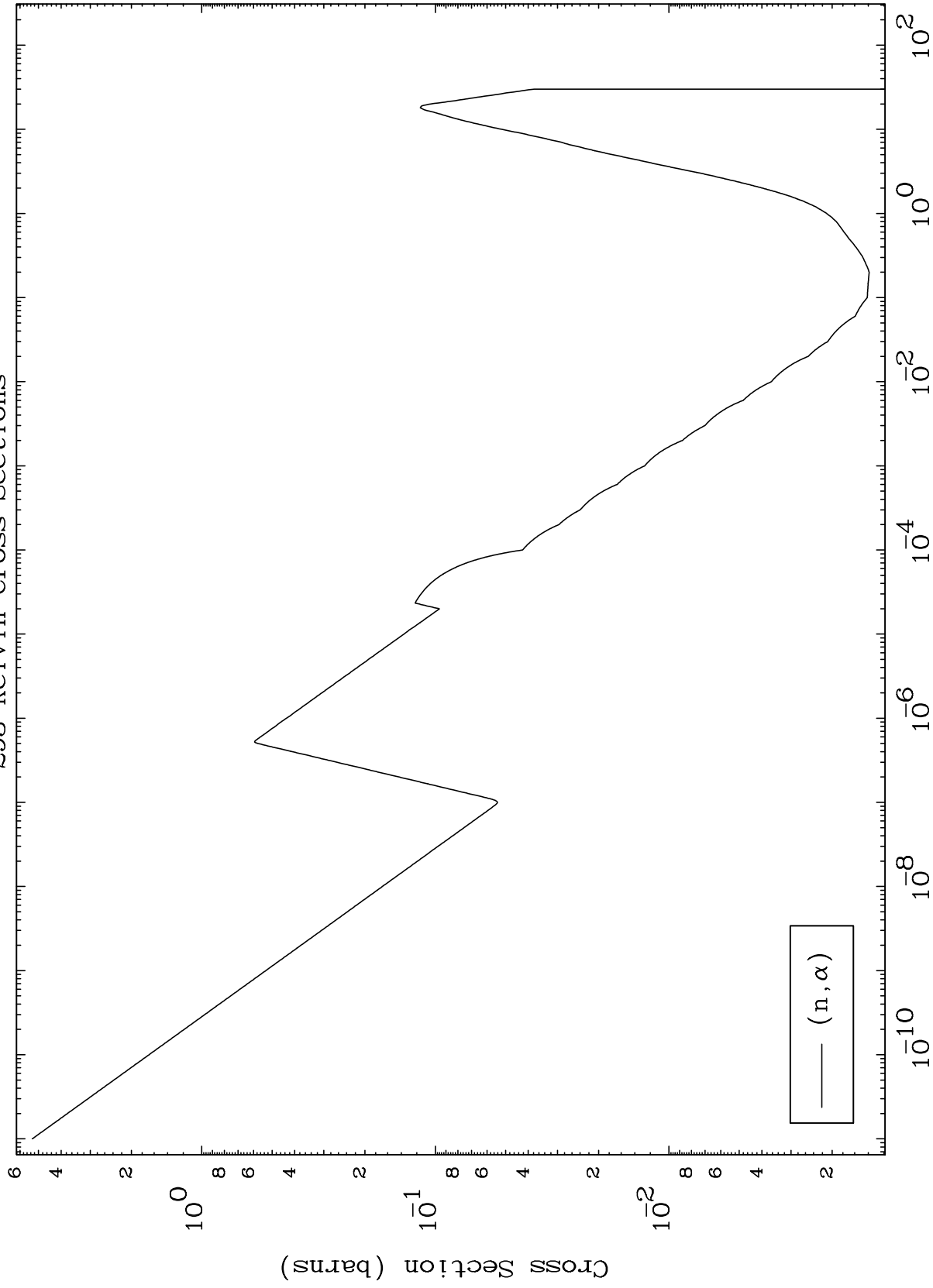
Incident Energy (MeV)

82-Pb-186

MAT 8171

82-Pb-186

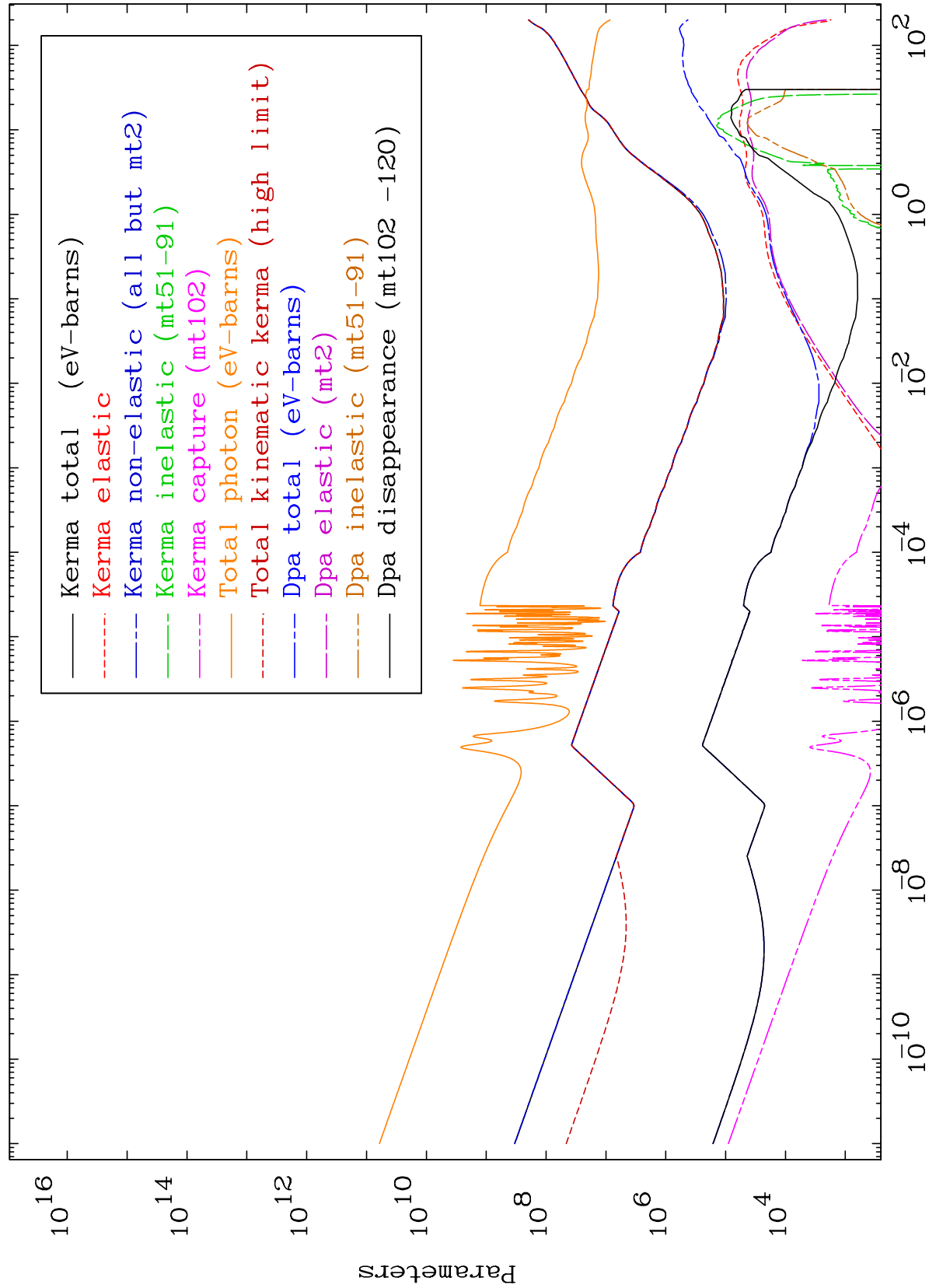
(n, $\alpha$ ) Levels  
293 Kelvin Cross Sections

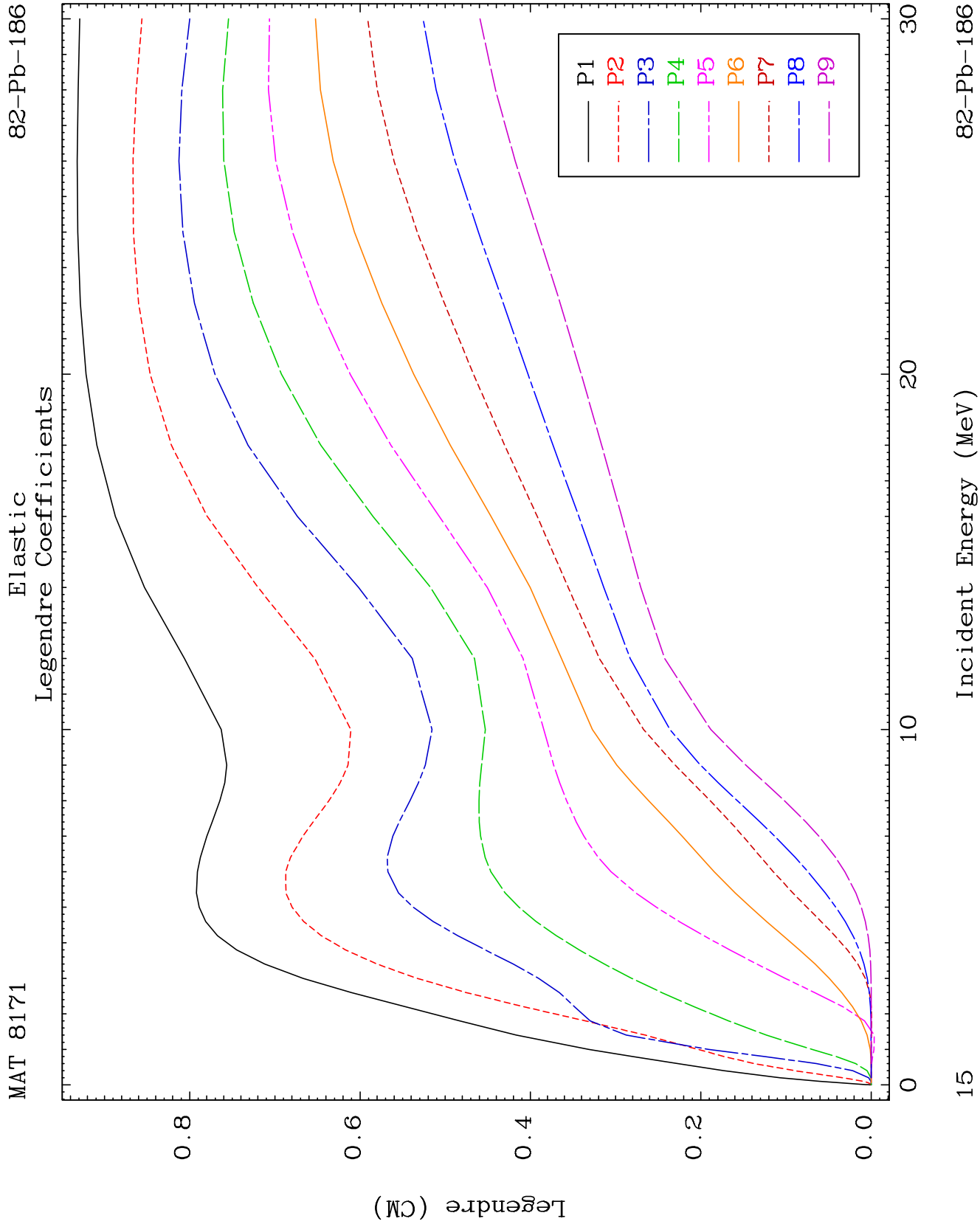


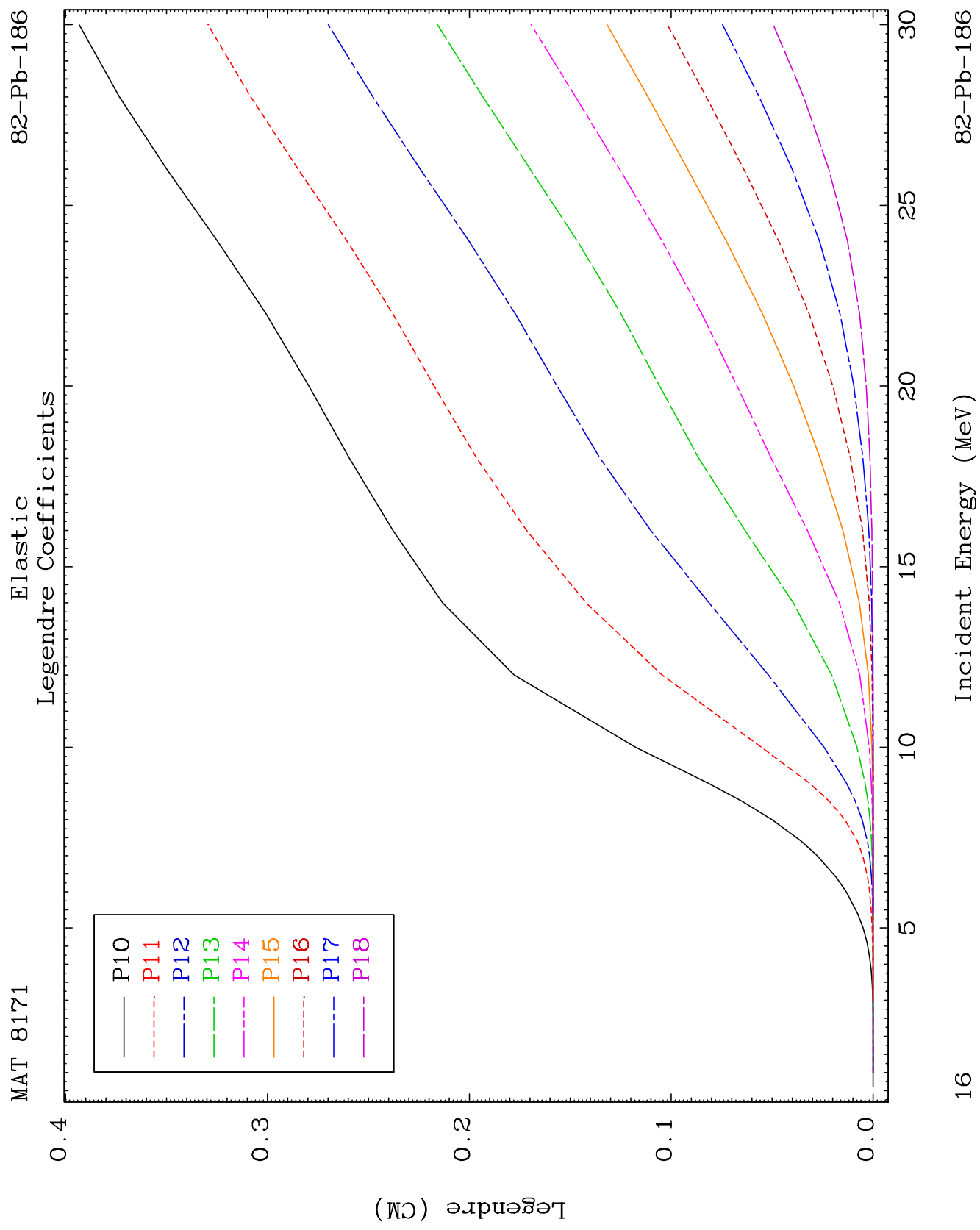
13

Incident Energy (MeV)

82-Pb-186



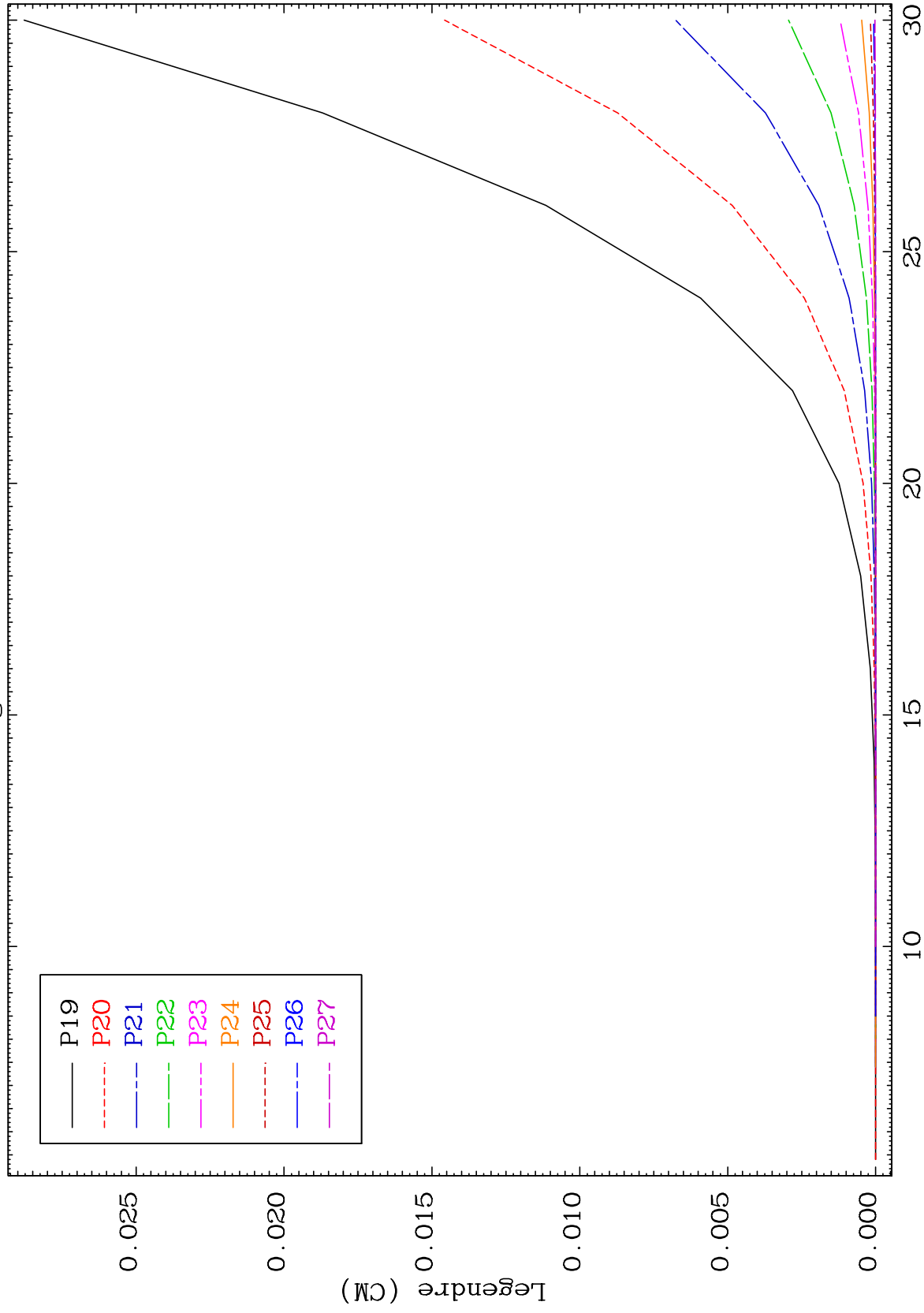




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Elastic  
Legendre Coefficients

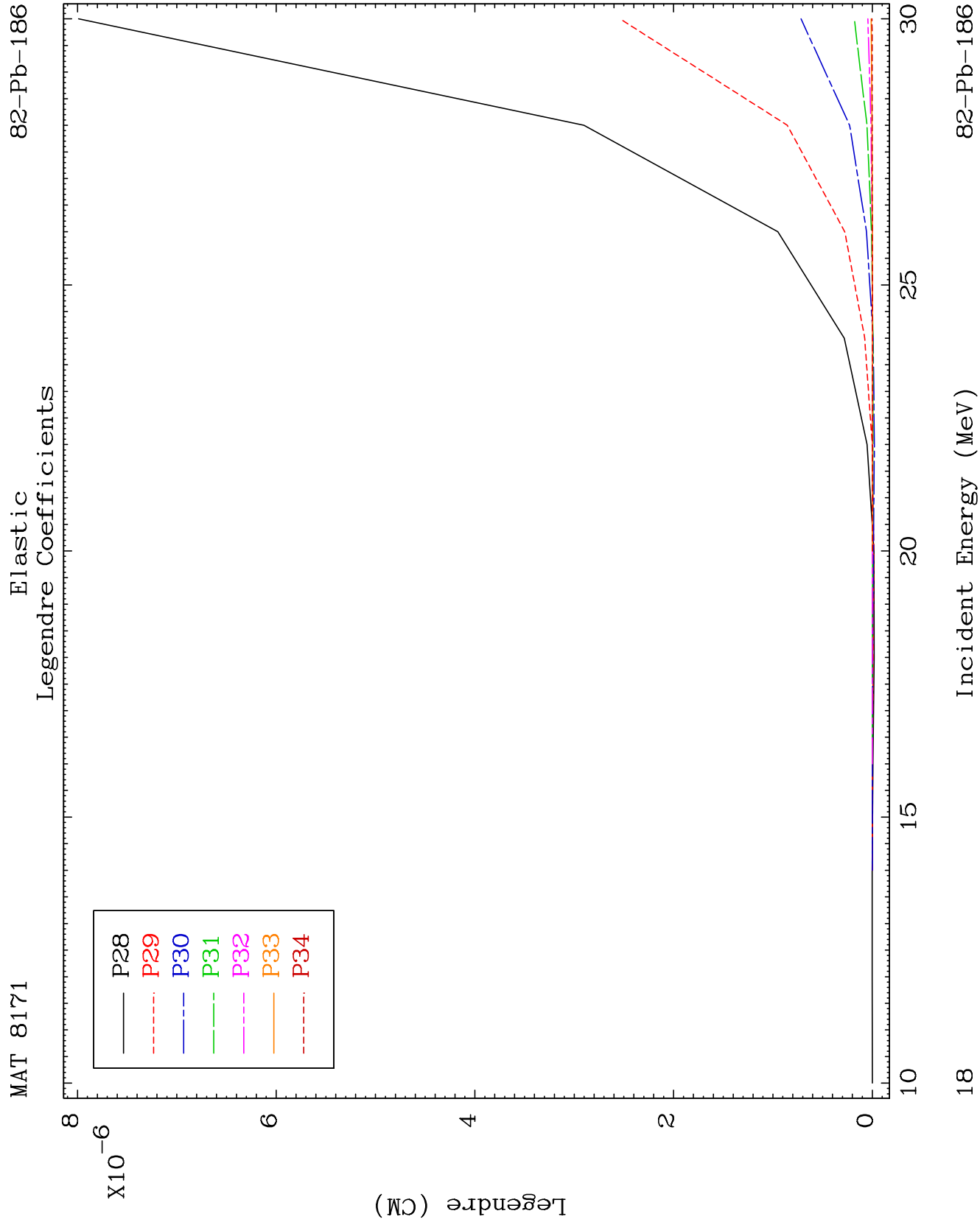
82-Pb-186



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Incident Energy (MeV)

82-Pb-186

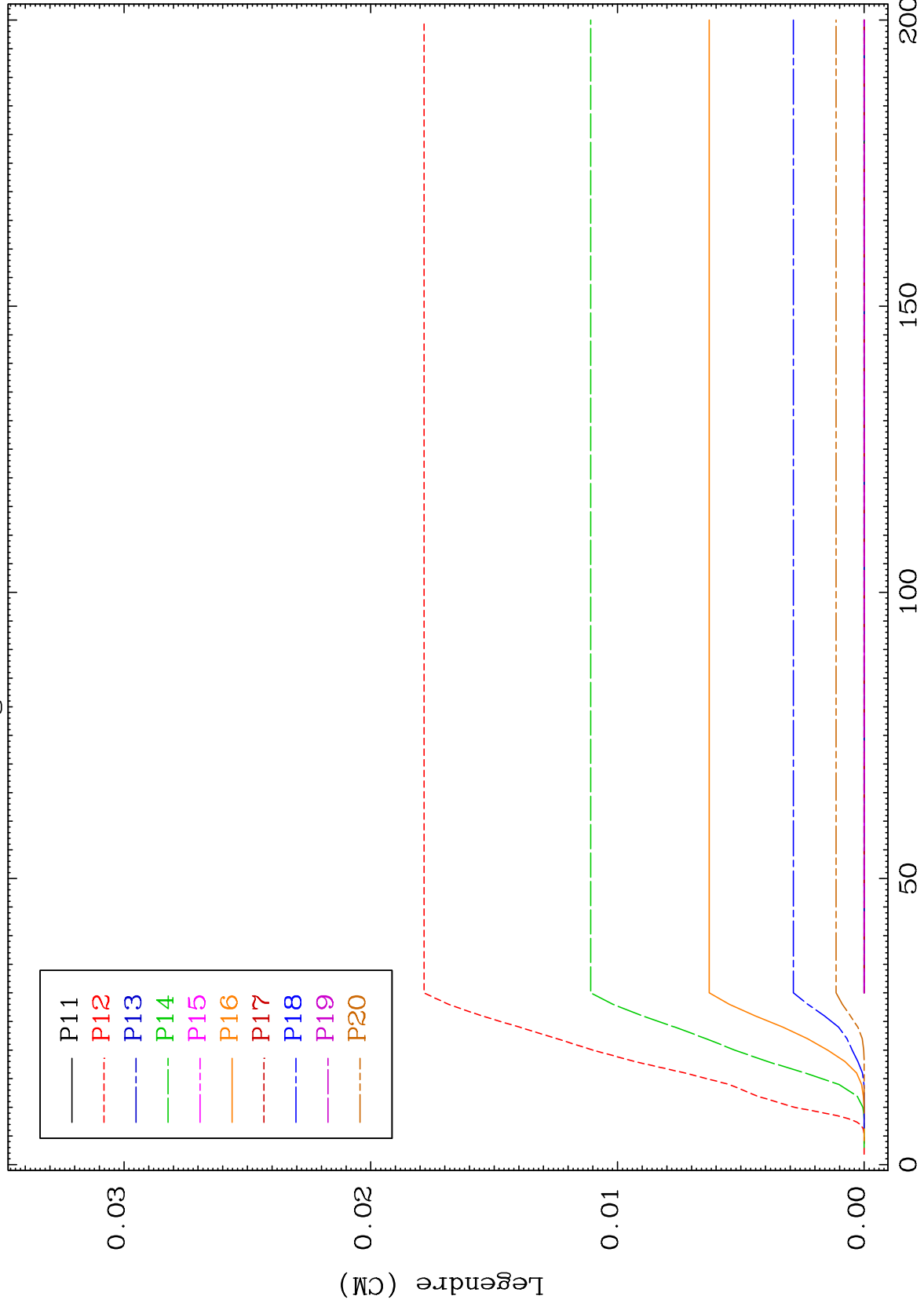




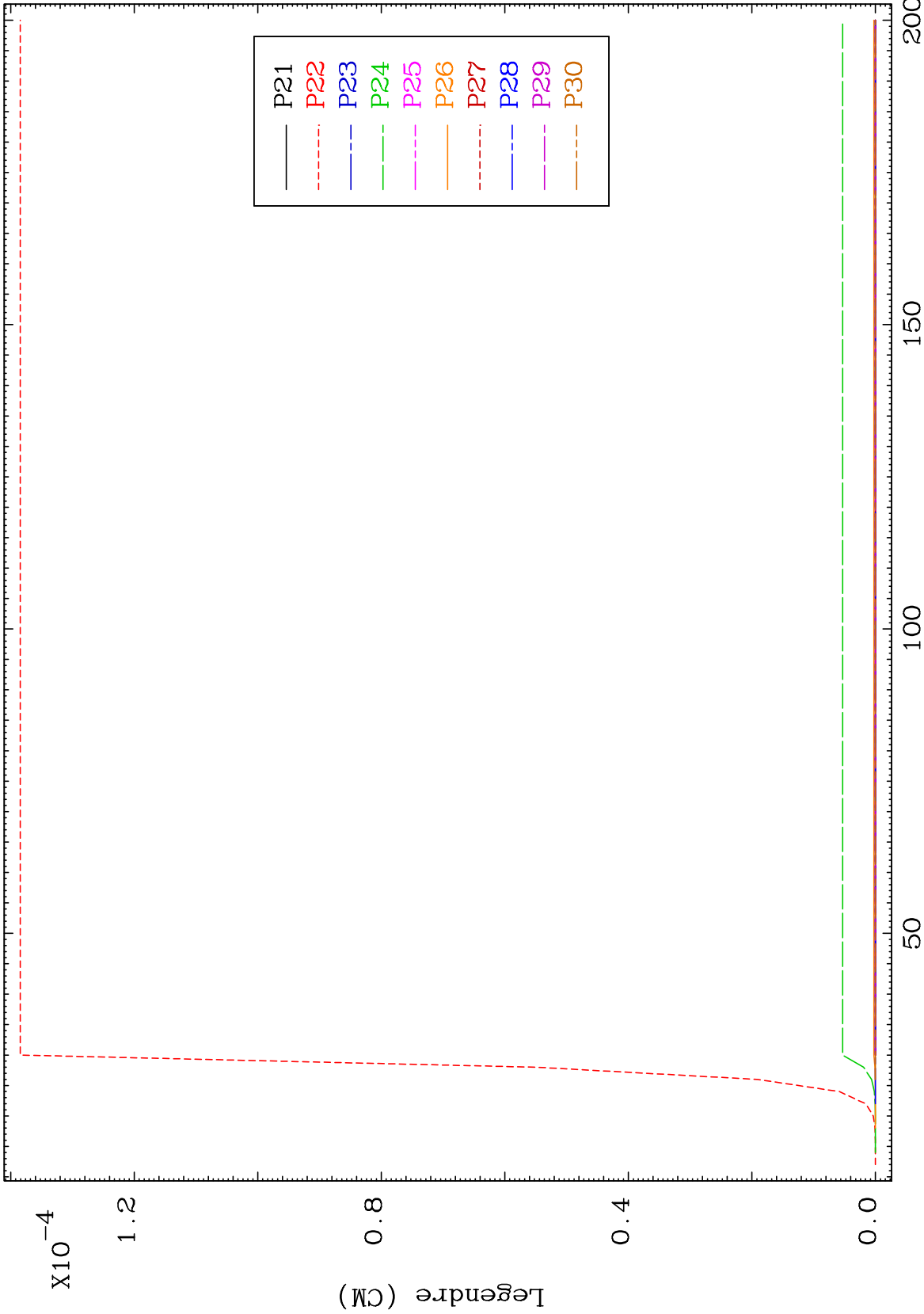
MAT 8171

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

82-Pb-186



MAT 8171 MT= 51 (n,n') Level Legendre Coefficients 82-Pb-186



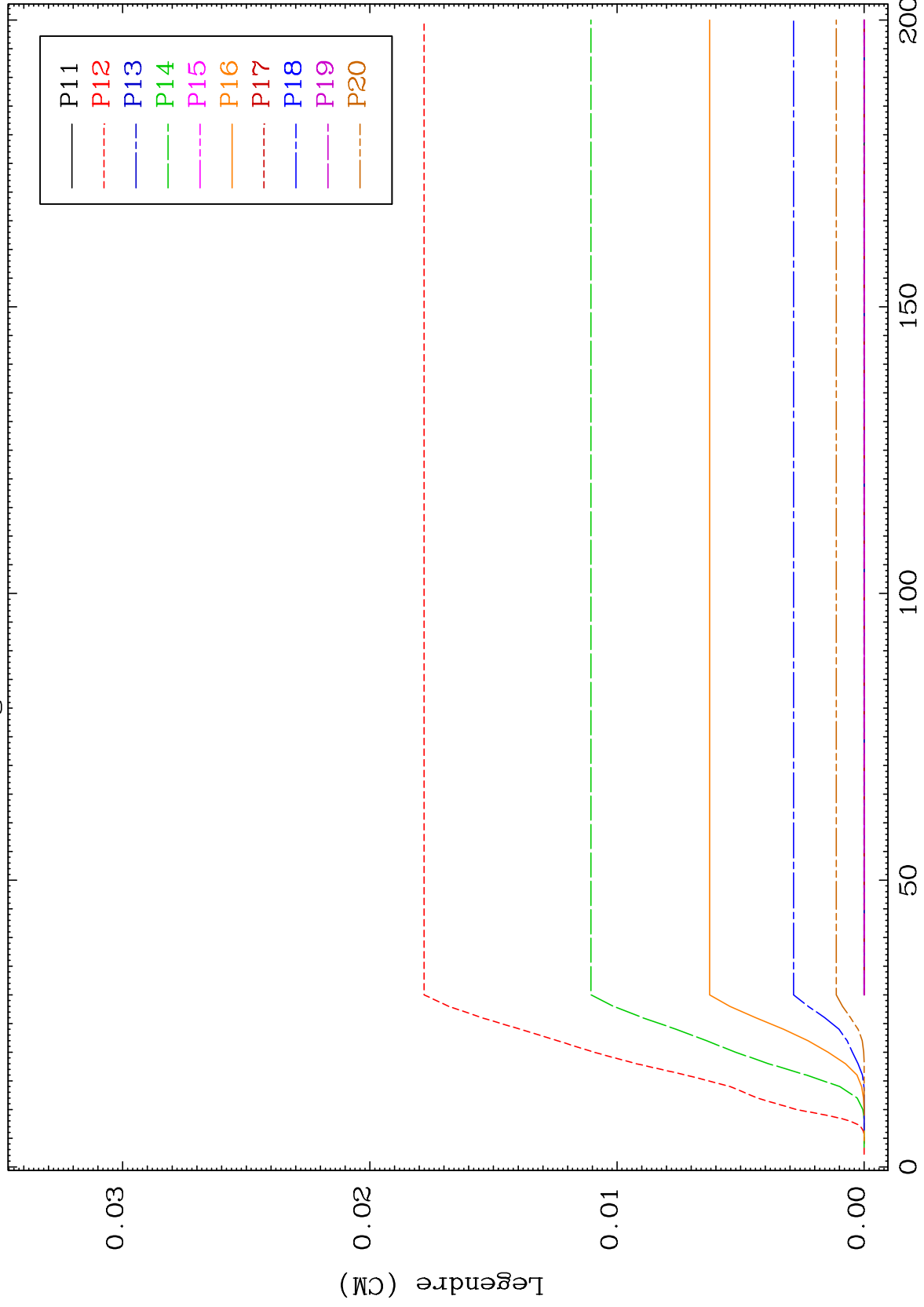
21 50 100 150 200 82-Pb-186



MAT 8171

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

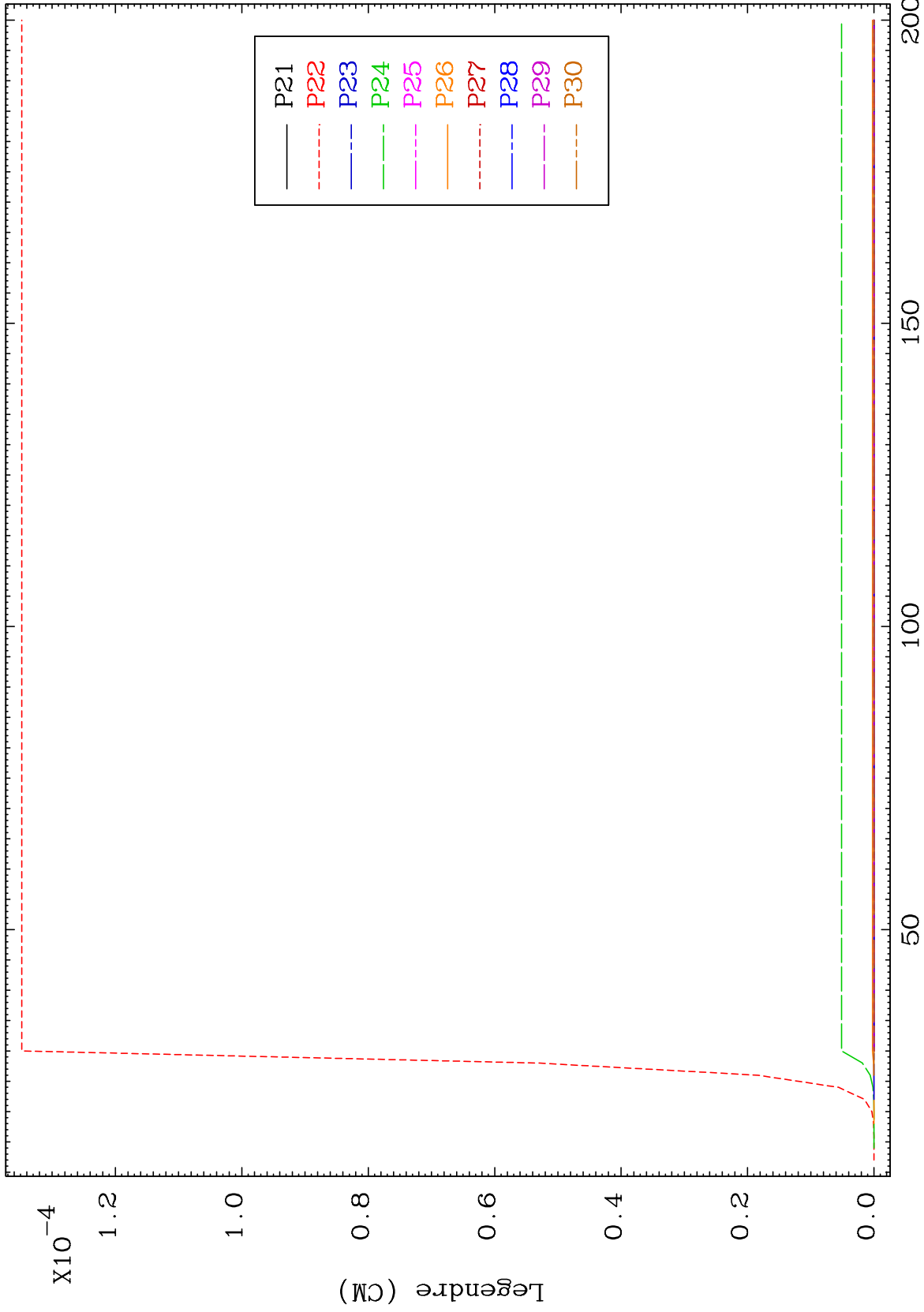
82-Pb-186



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Incident Energy (MeV)

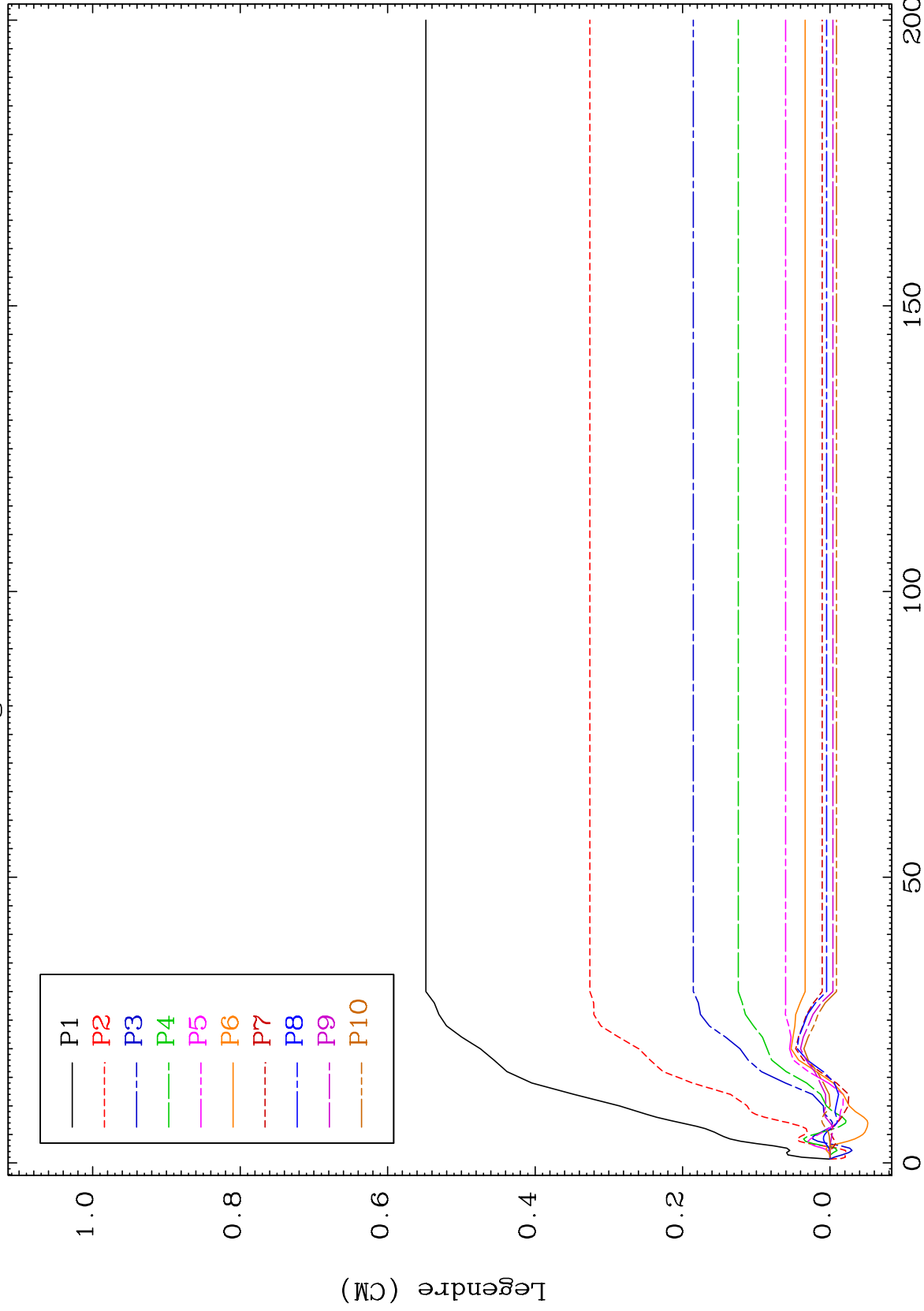
82-Pb-186



MAT 8171

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

82-Pb-186



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Incident Energy (MeV)

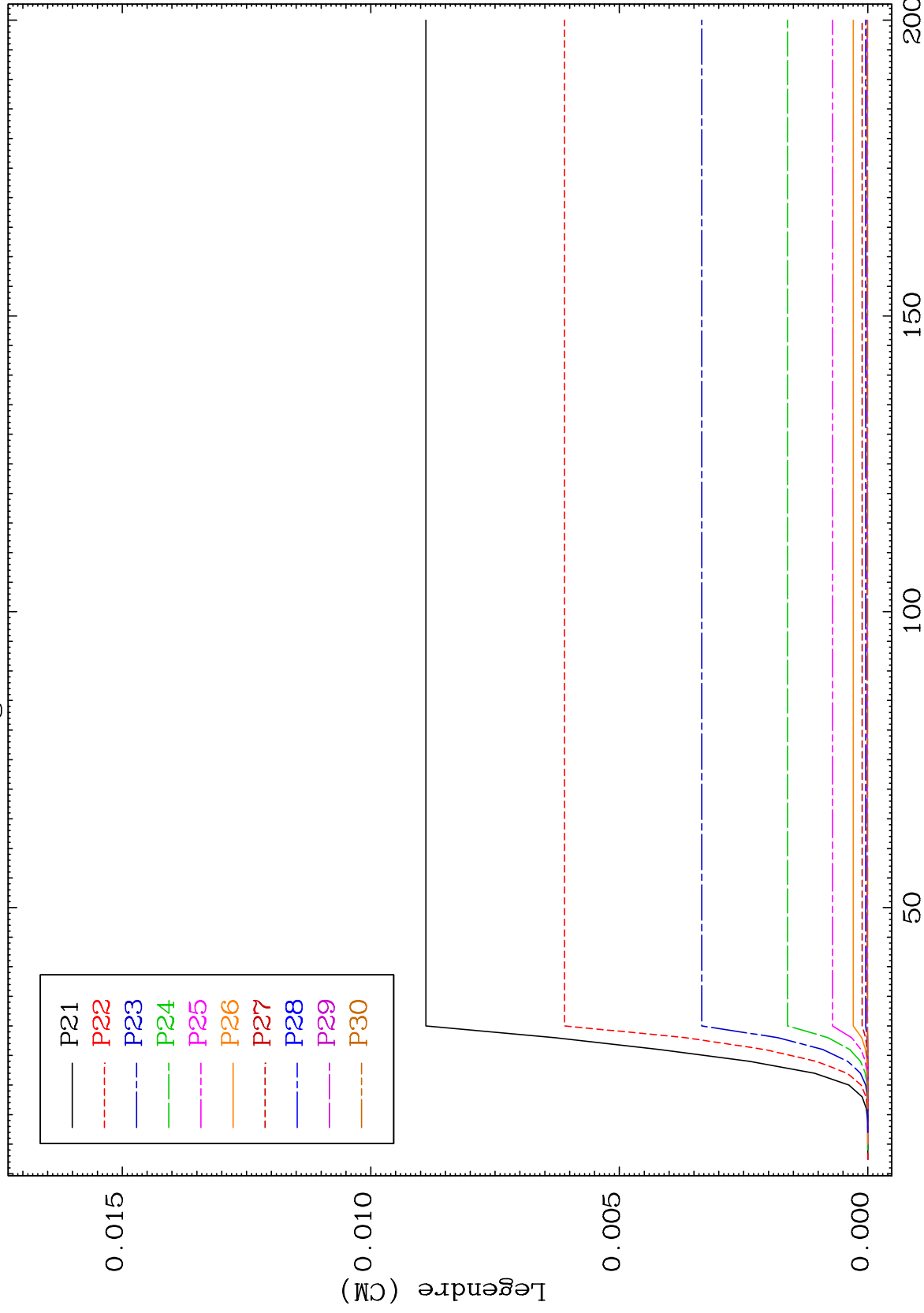
82-Pb-186



MAT 8171

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

82-Pb-186



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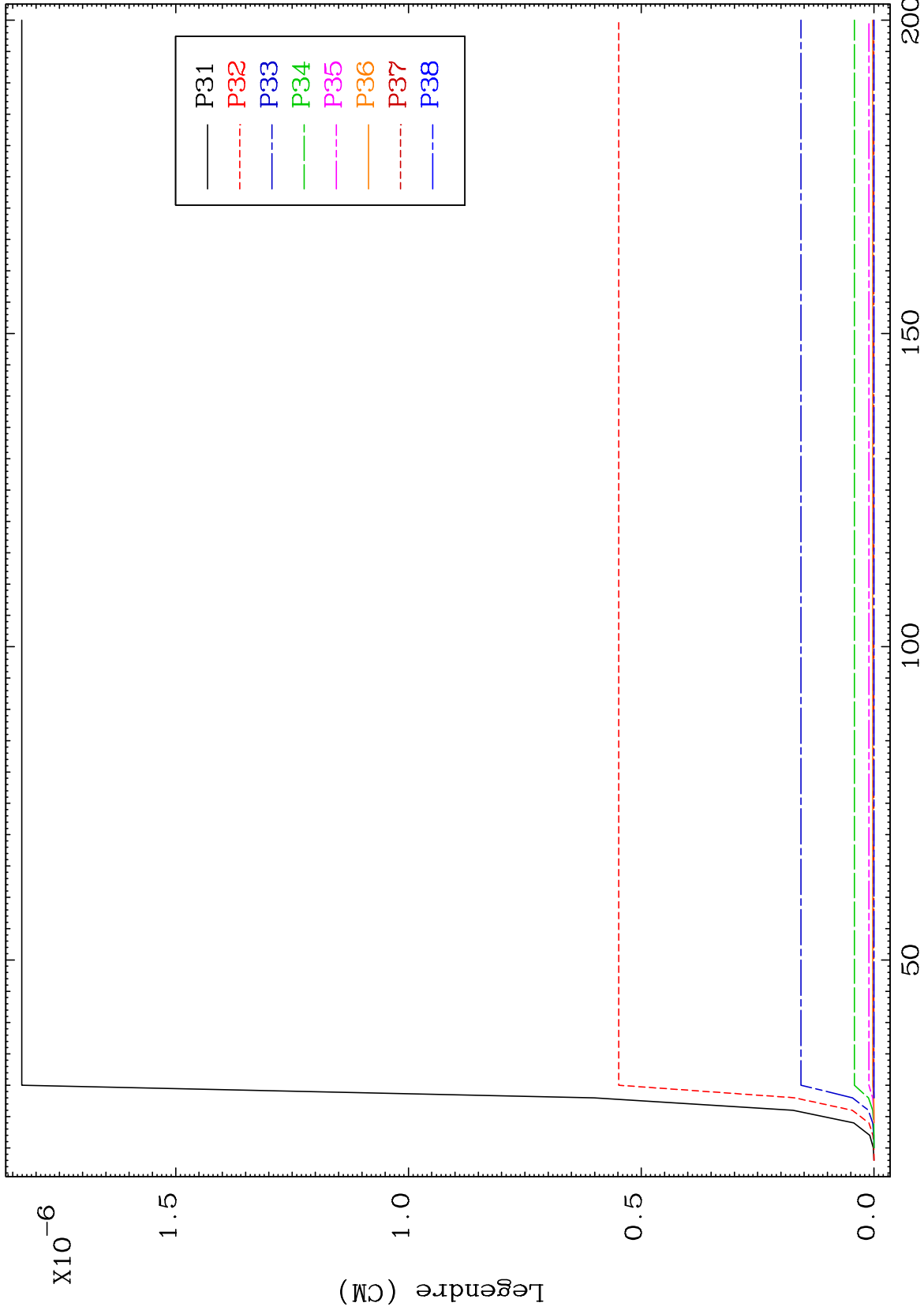
Incident Energy (MeV)

82-Pb-186

MAT 8171

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

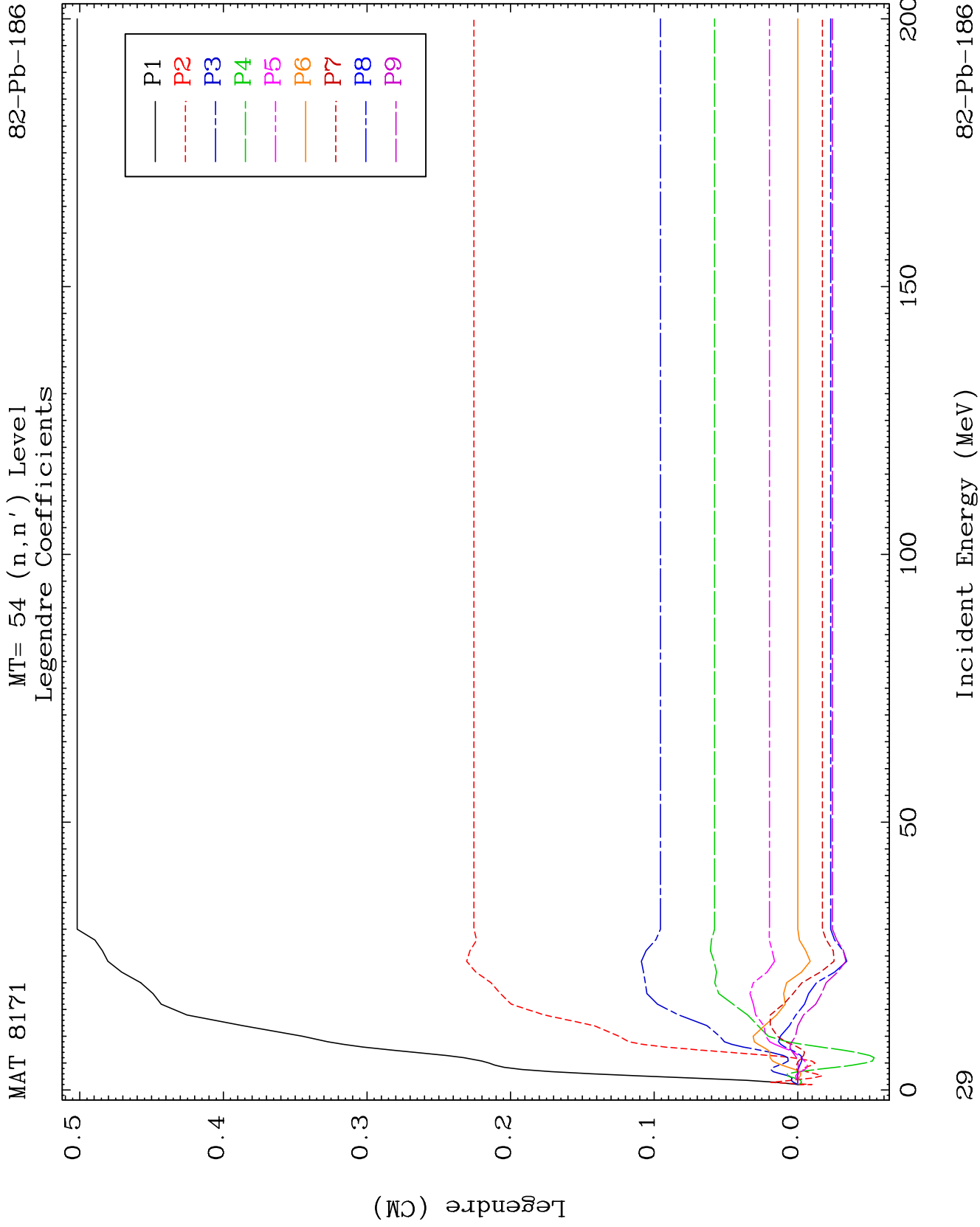
82-Pb-186



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Incident Energy (MeV)

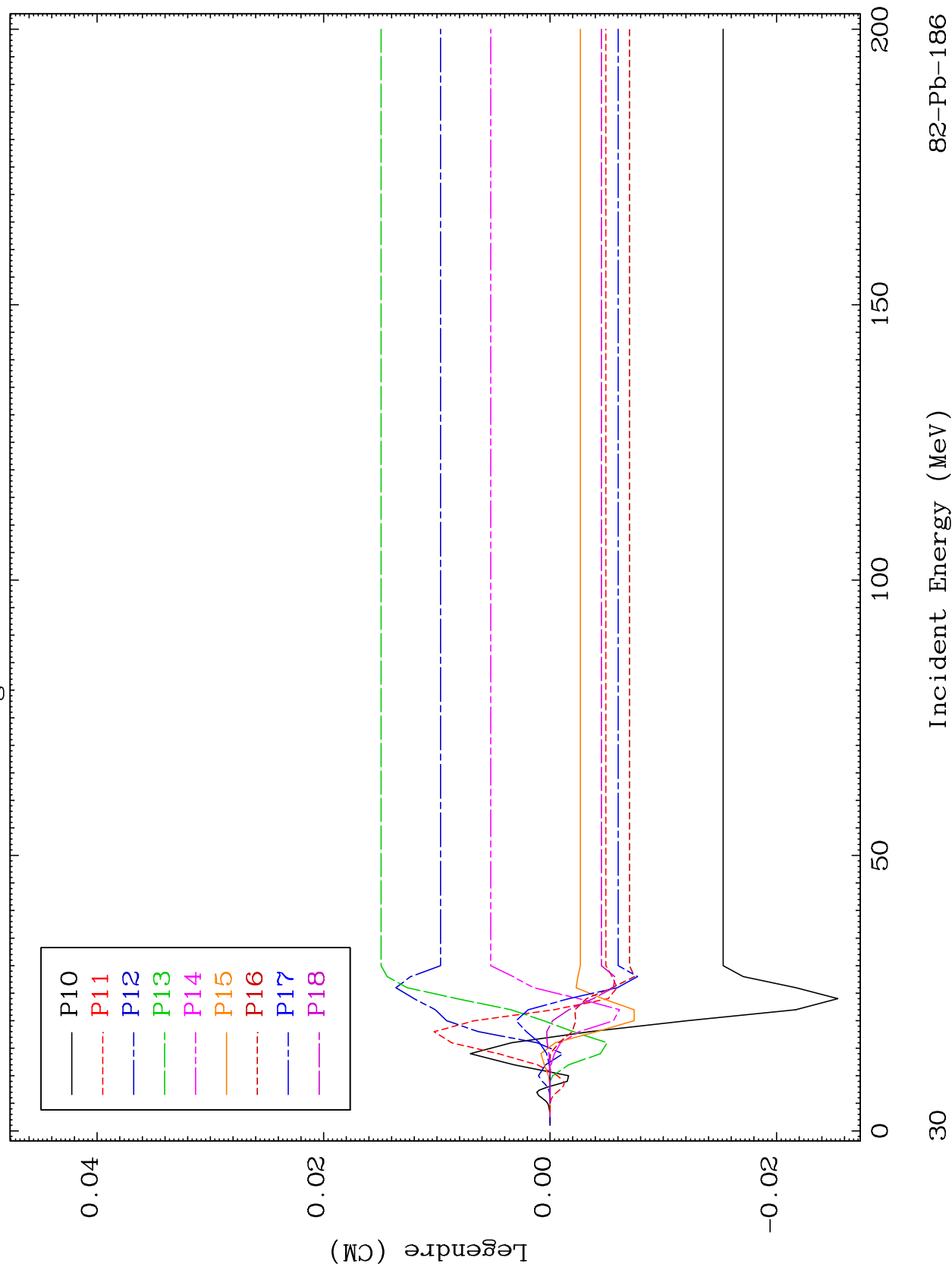
82-Pb-186

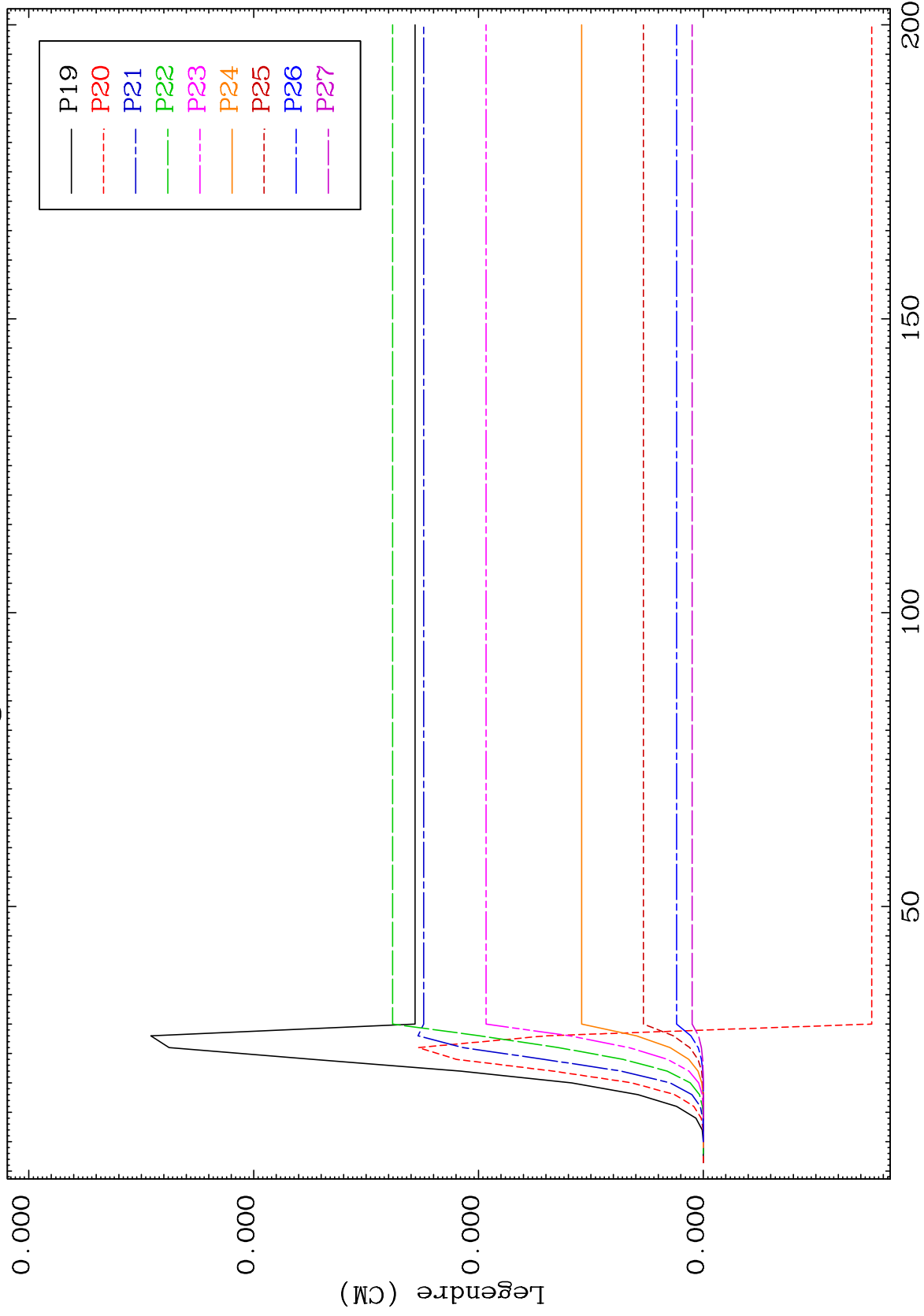


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MT= 54 (n, n') Level  
Legendre Coefficients

82-Pb-186

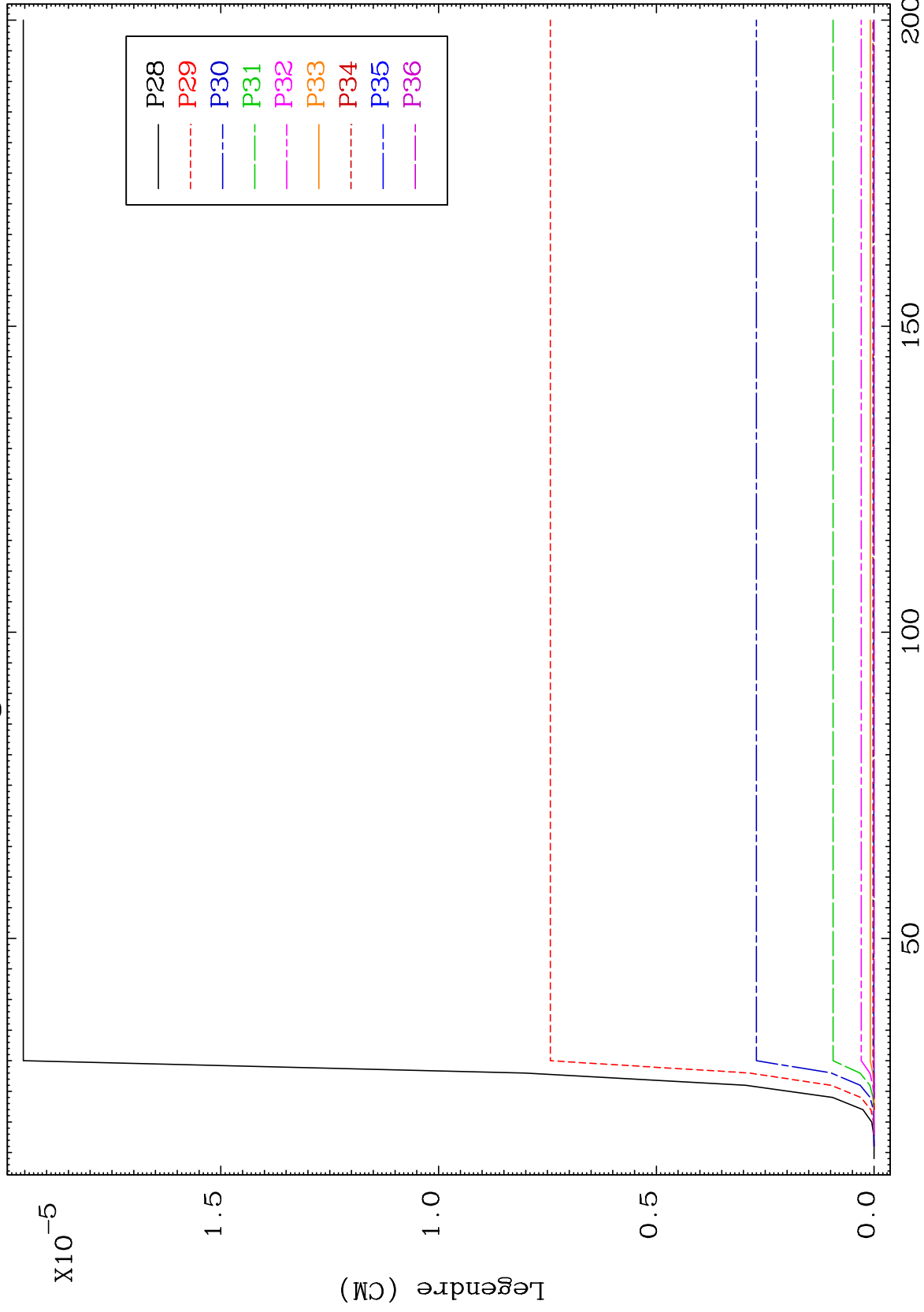




MAT 8171

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

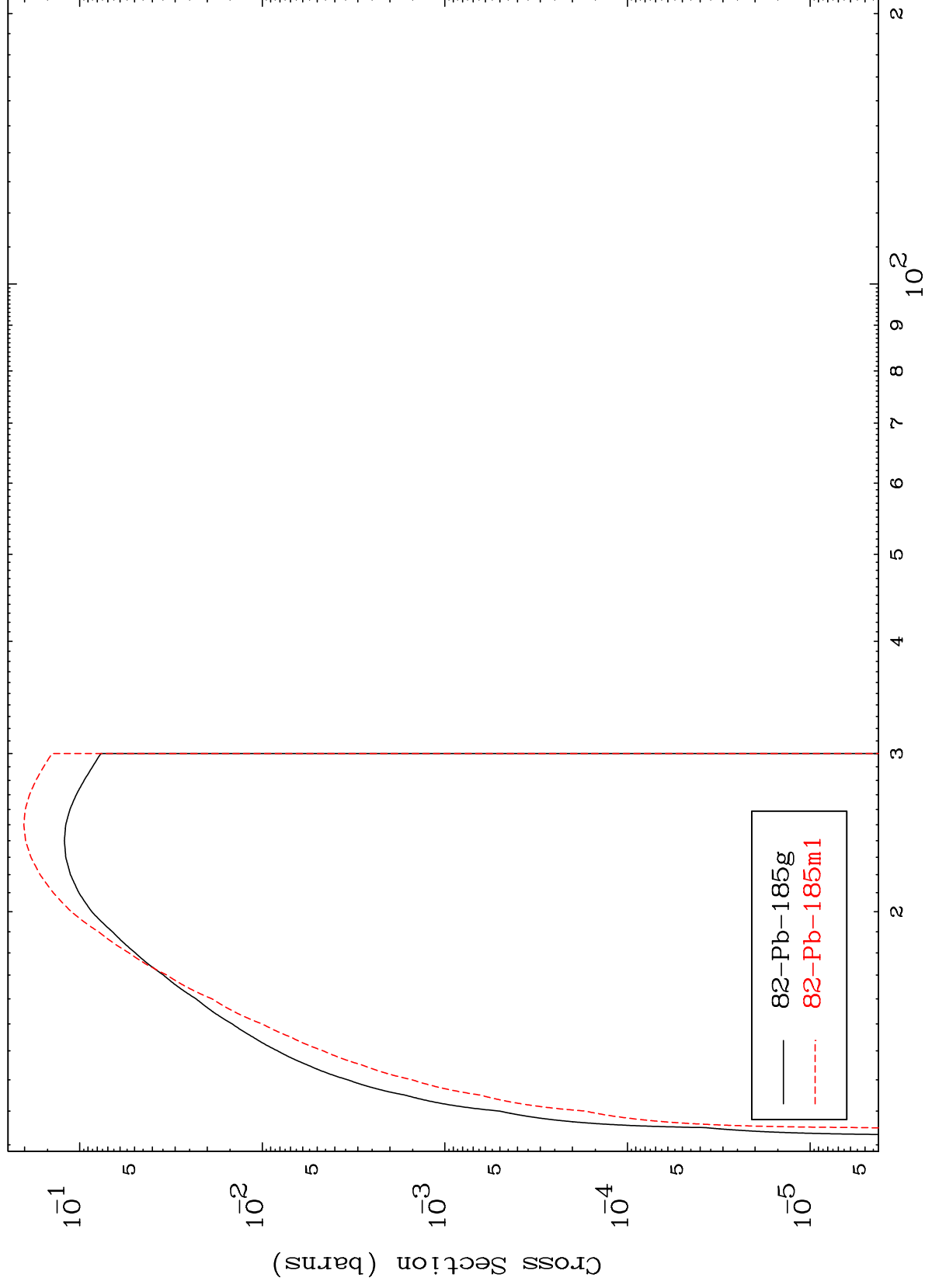
82-Pb-186



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Incident Energy (MeV)

82-Pb-186

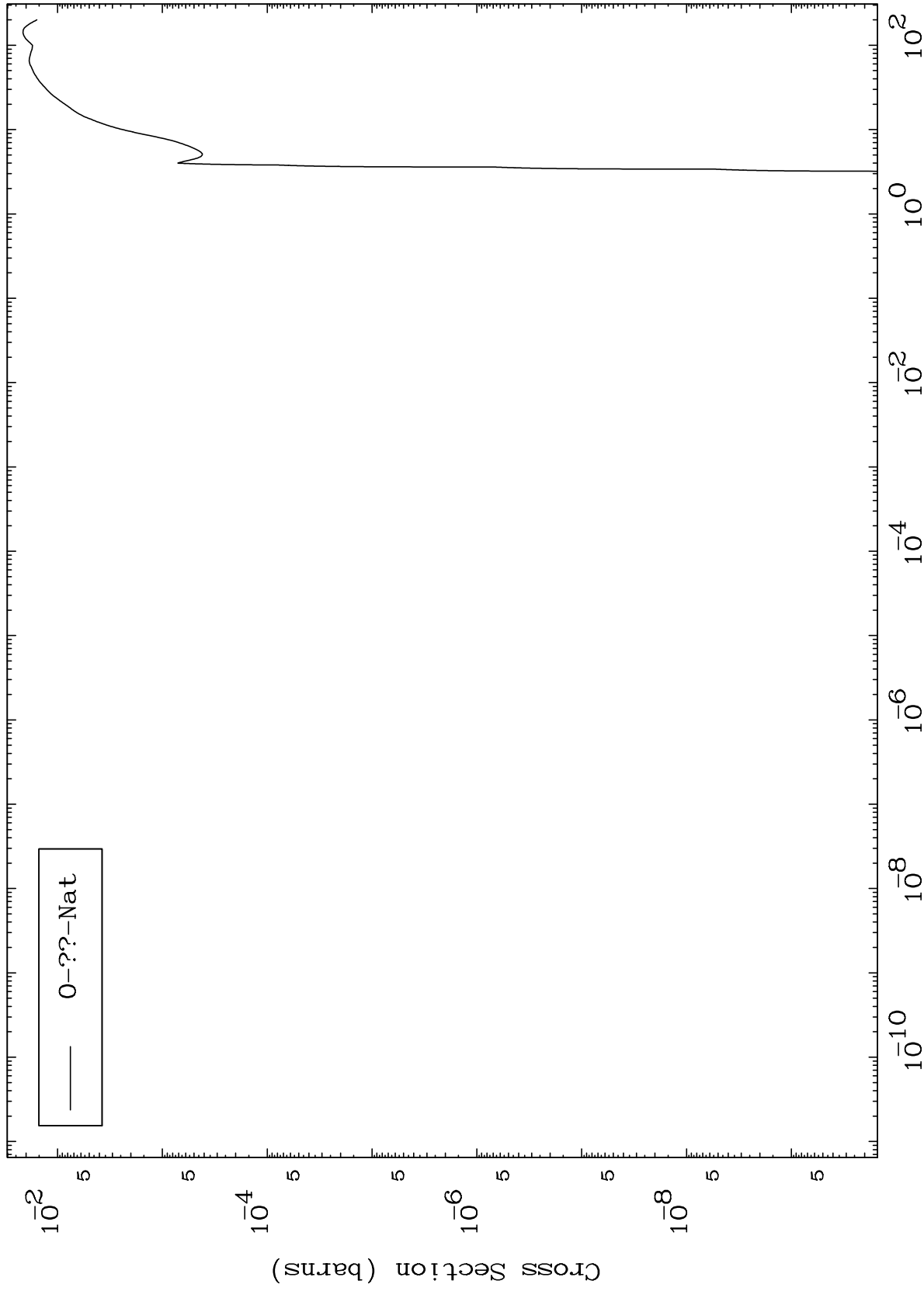
(n,2n)  
Radionuclide Production Cross Section

MAT 8171

Fission

82-Pb-186

Radionuclide Production Cross Section



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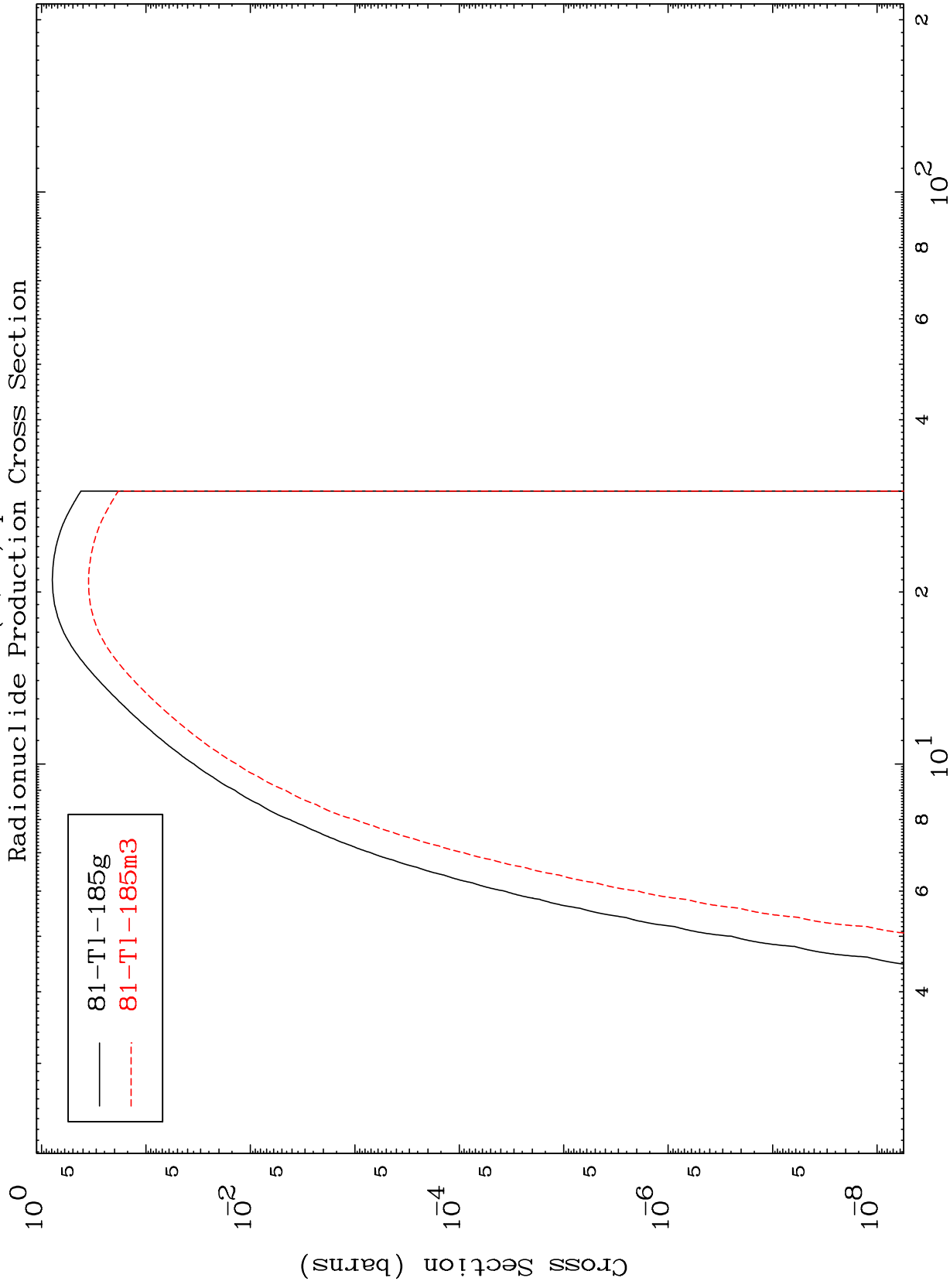
Incident Energy (MeV)

82-Pb-186

MAT 8171

Radionuclide Production Cross Section

$^{82}\text{Pb-186}$

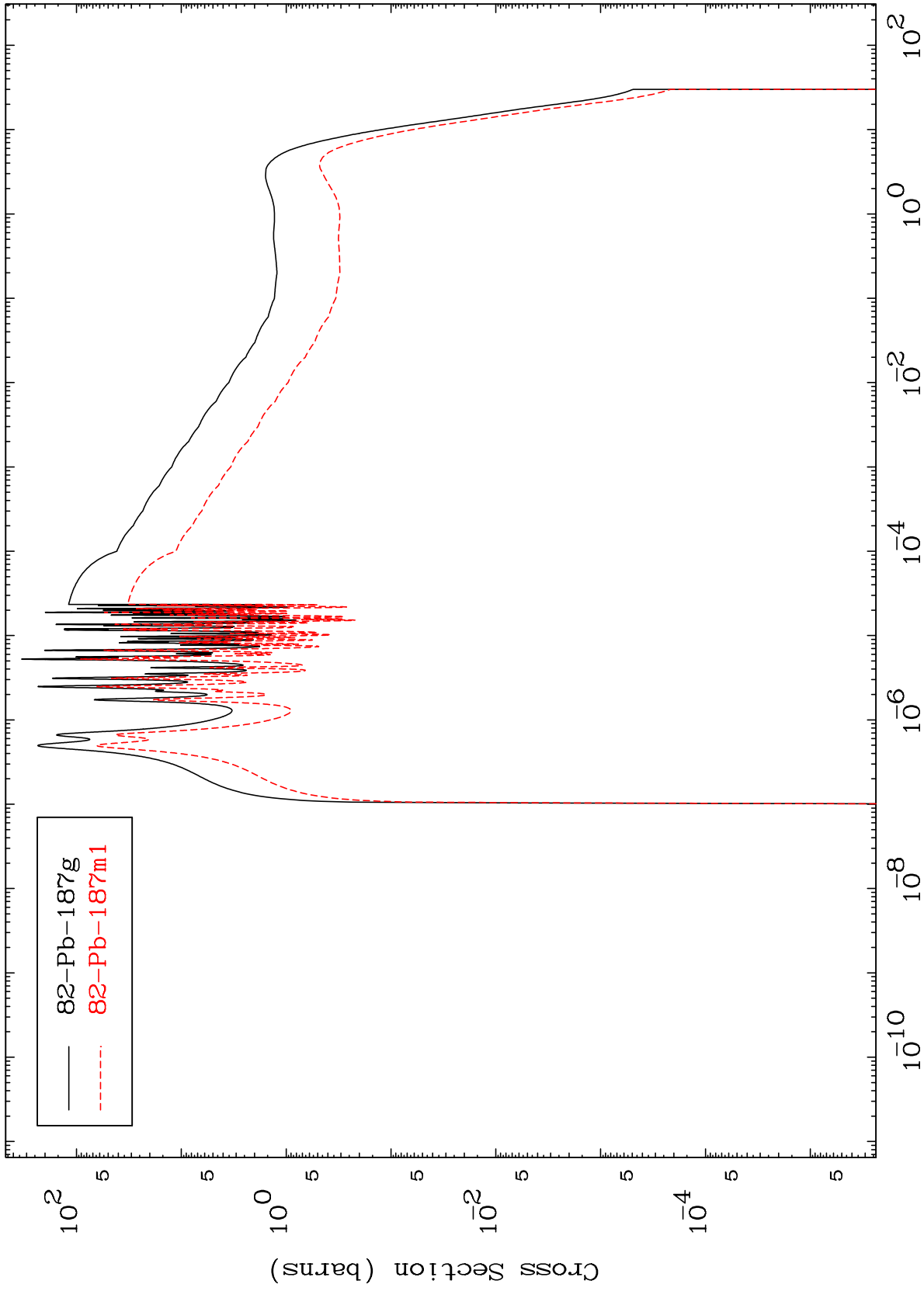


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Incident Energy (MeV)

$^{82}\text{Pb-186}$

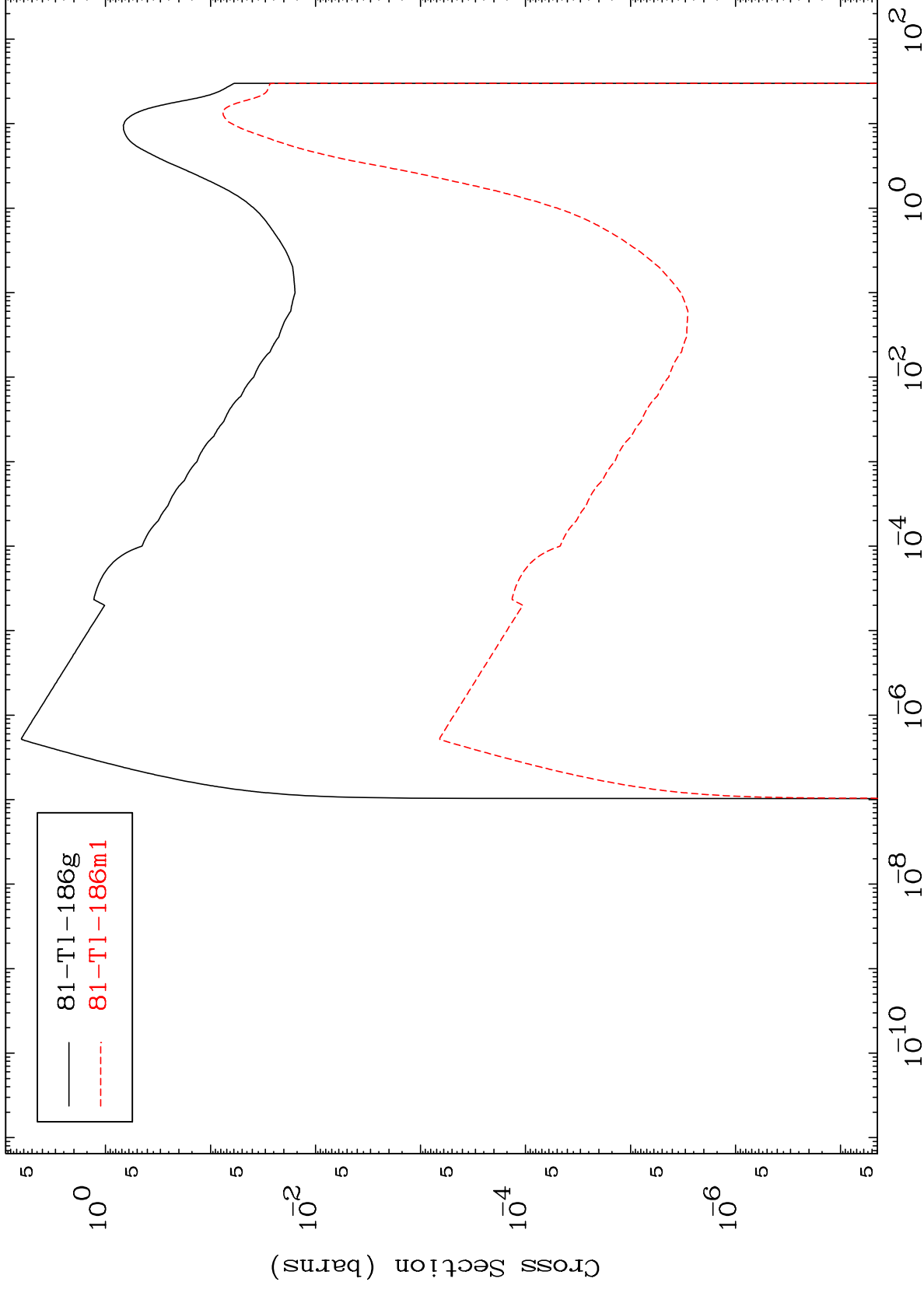
(n,  $\gamma$ )  
Radionuclide Production Cross Section



MAT 8171

82-Pb-186

Radionuclide Production Cross Section



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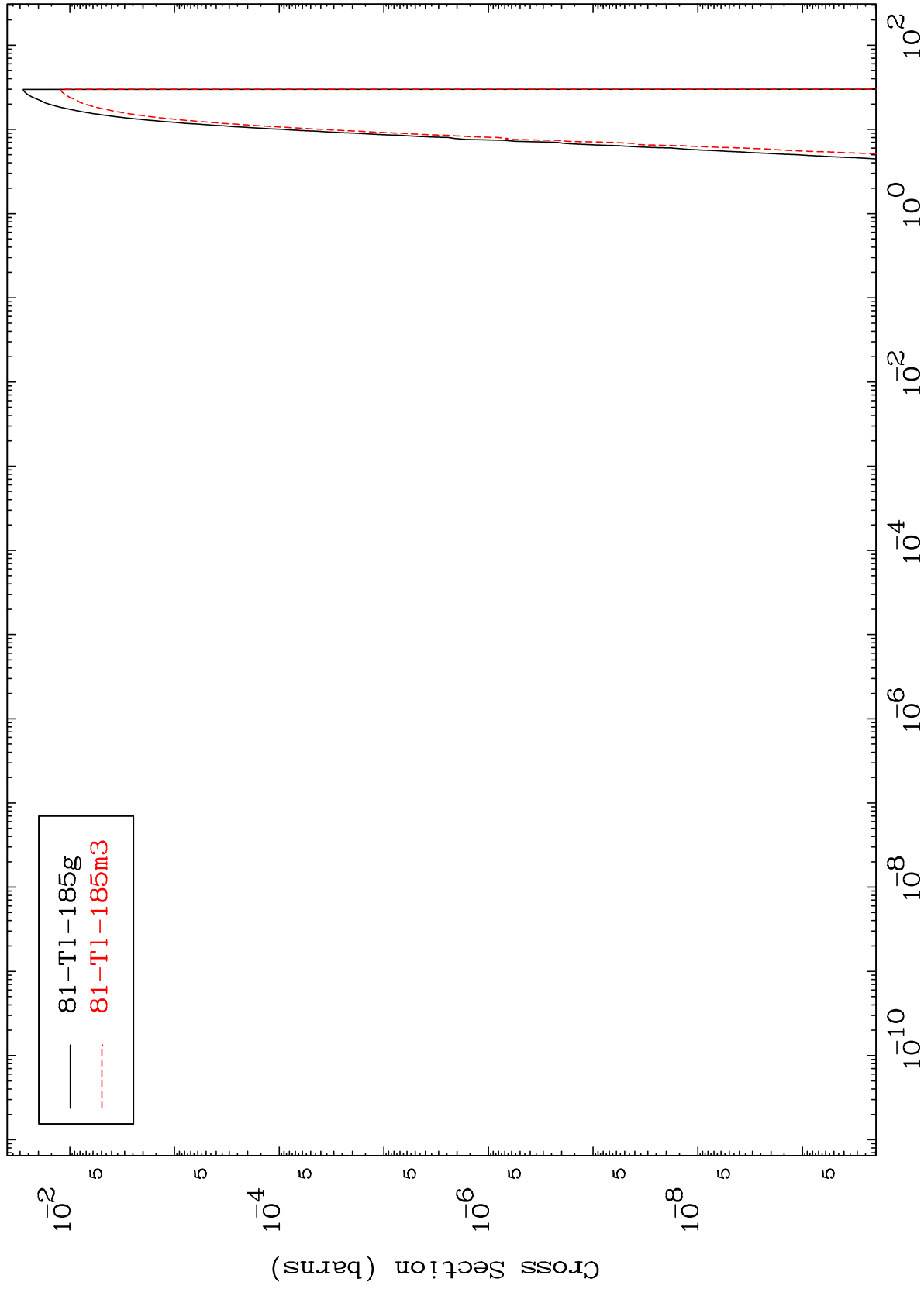
82-Pb-186

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(n,d)

82-Pb-186

Radionuclide Production Cross Section



38

Incident Energy (MeV)

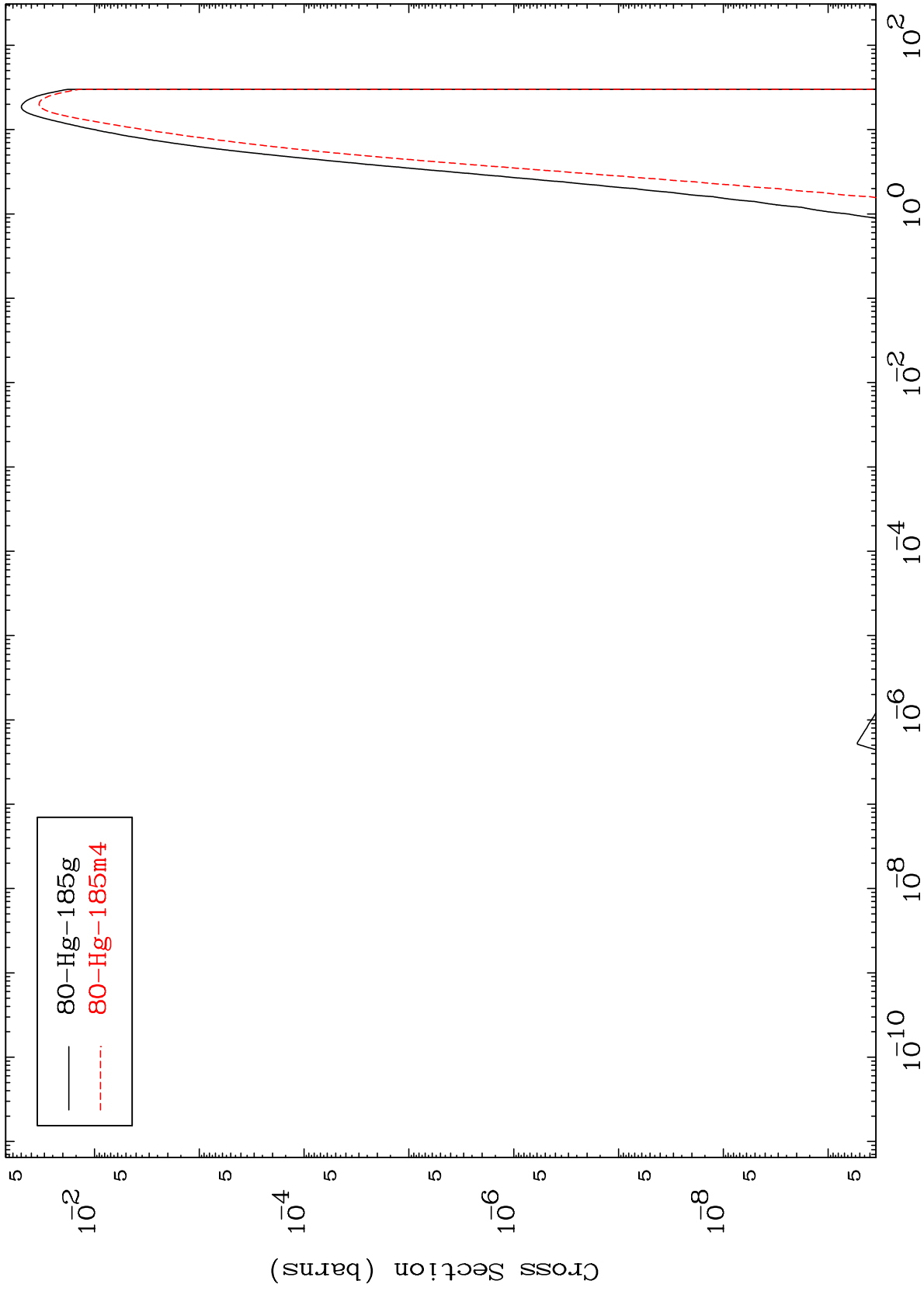
82-Pb-186

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(n,2p)

82-Pb-186

Radionuclide Production Cross Section



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Incident Energy (MeV)

82-Pb-186