

Program EVALPLOT
(Version 2021-1)

by

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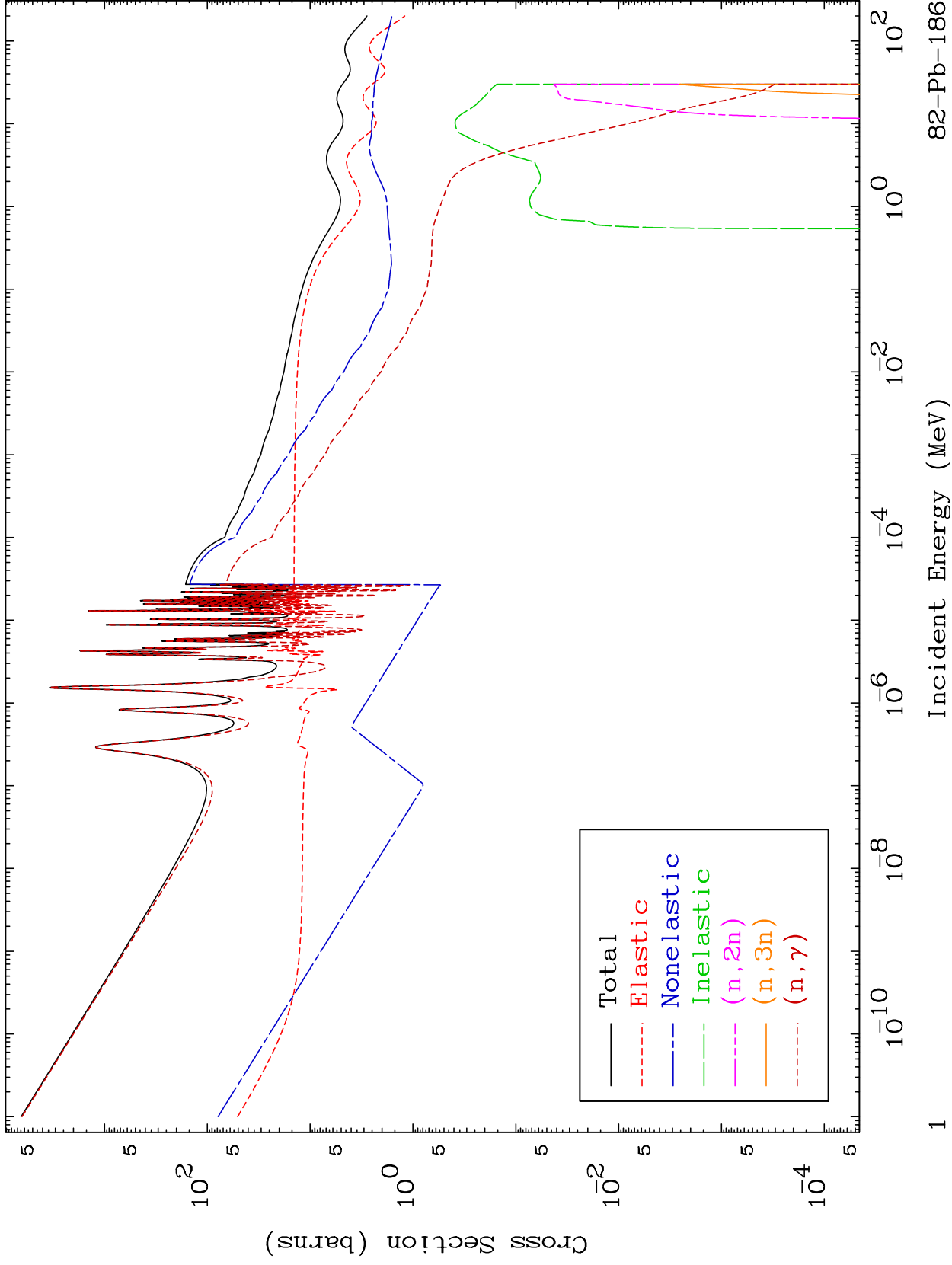
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8171

Neutron Major
293 Kelvin Cross Sections

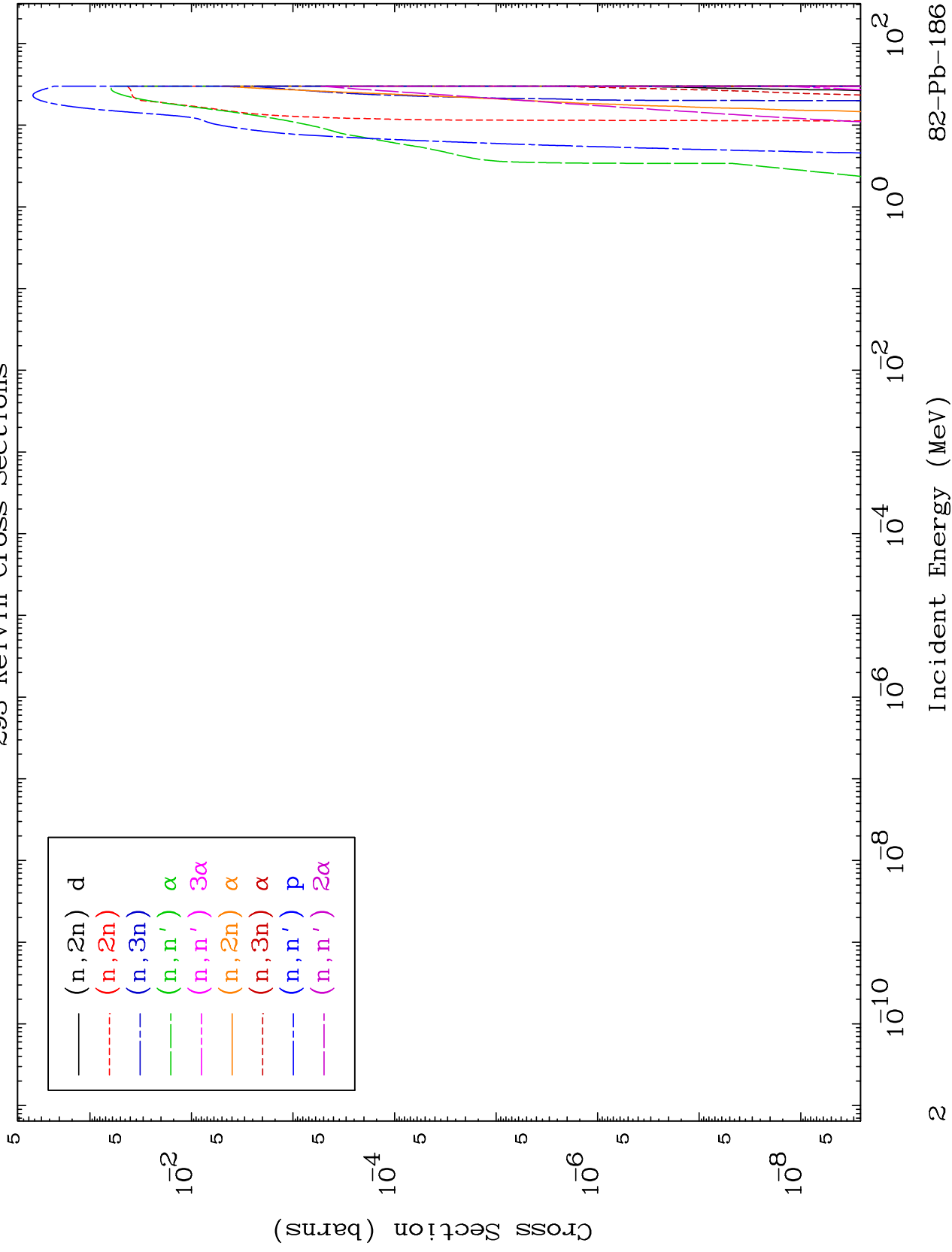
82-Pb-186



MAT 8171

Neutron Absorption
293 Kelvin Cross Sections

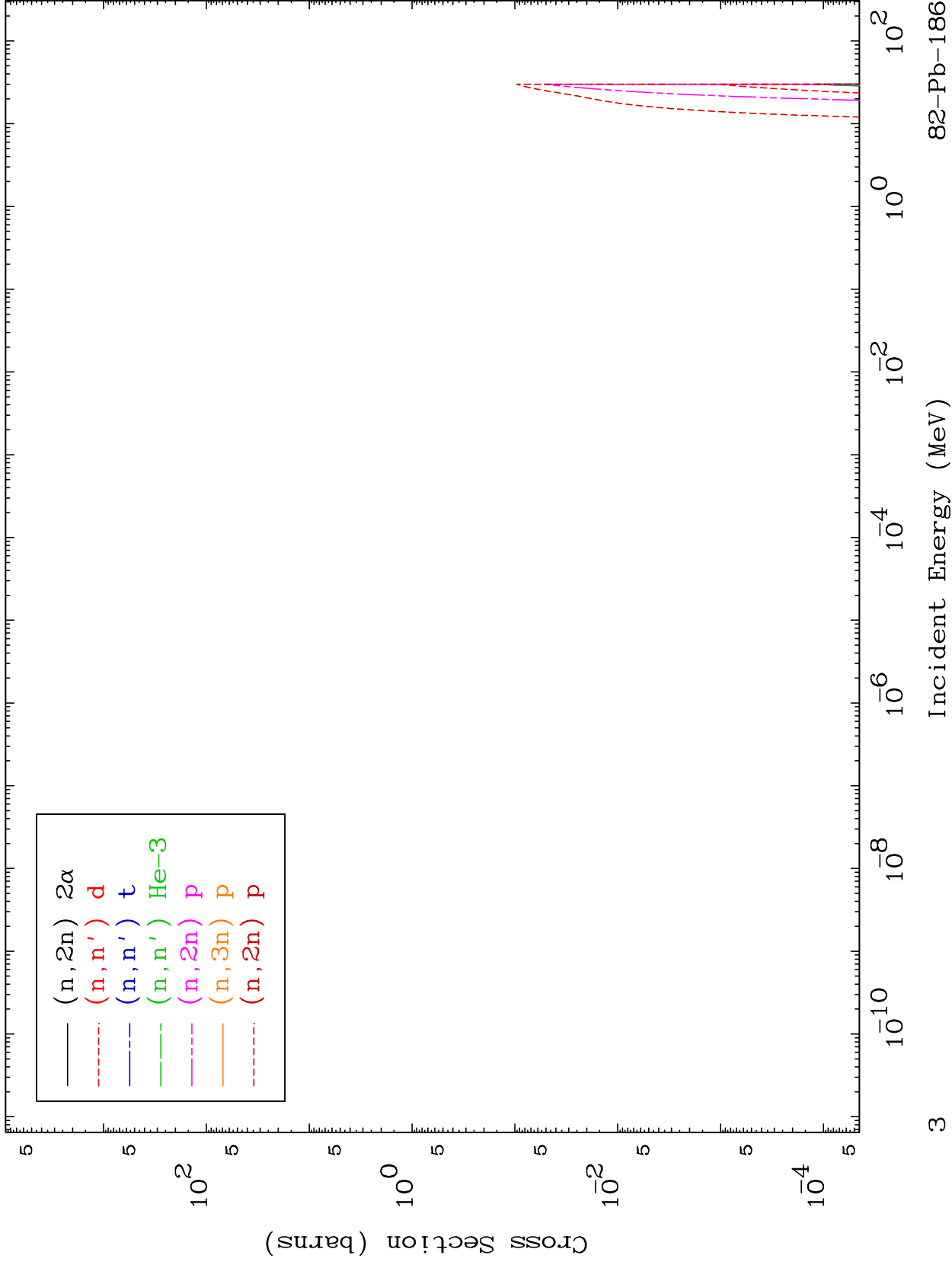
82-Pb-186

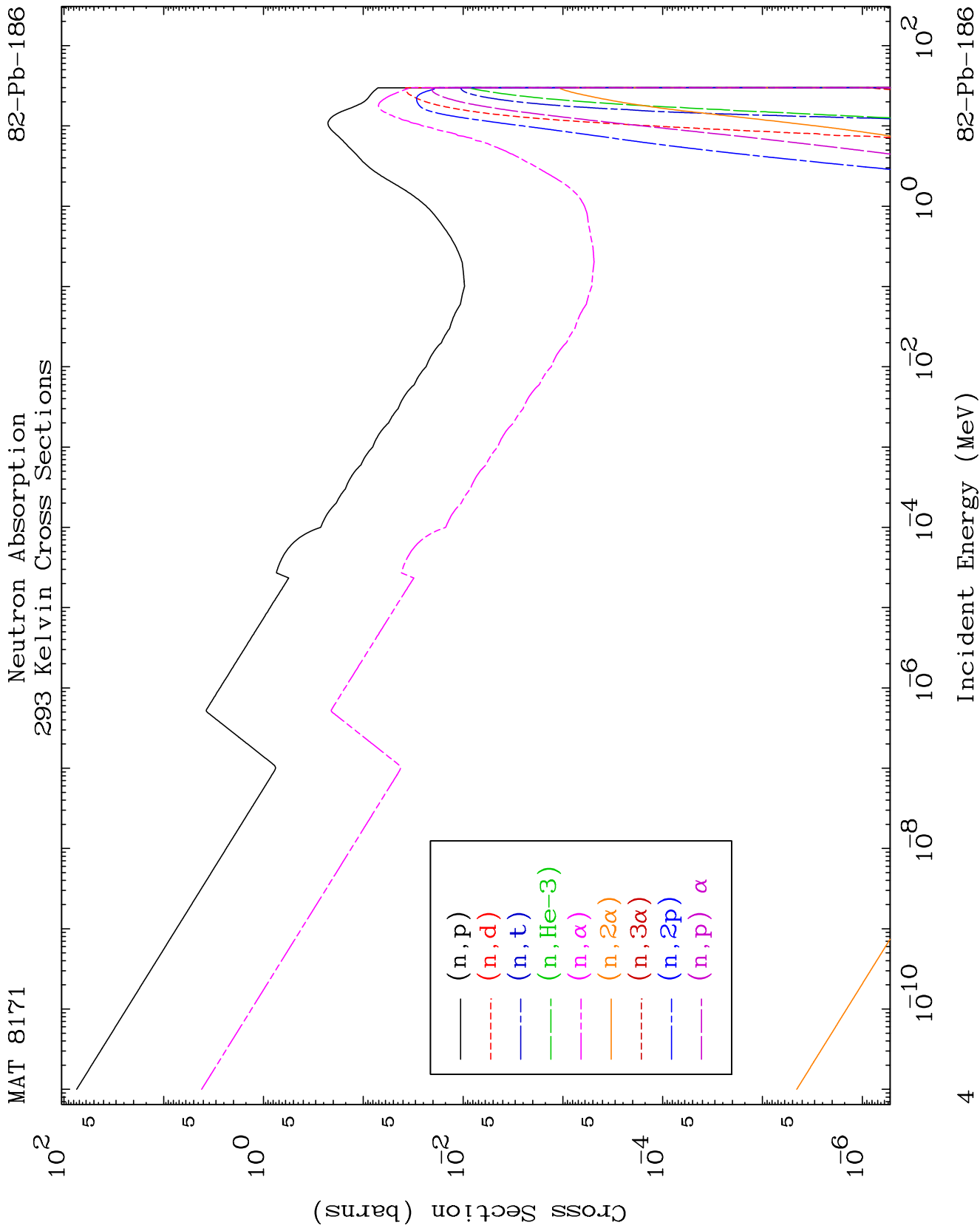


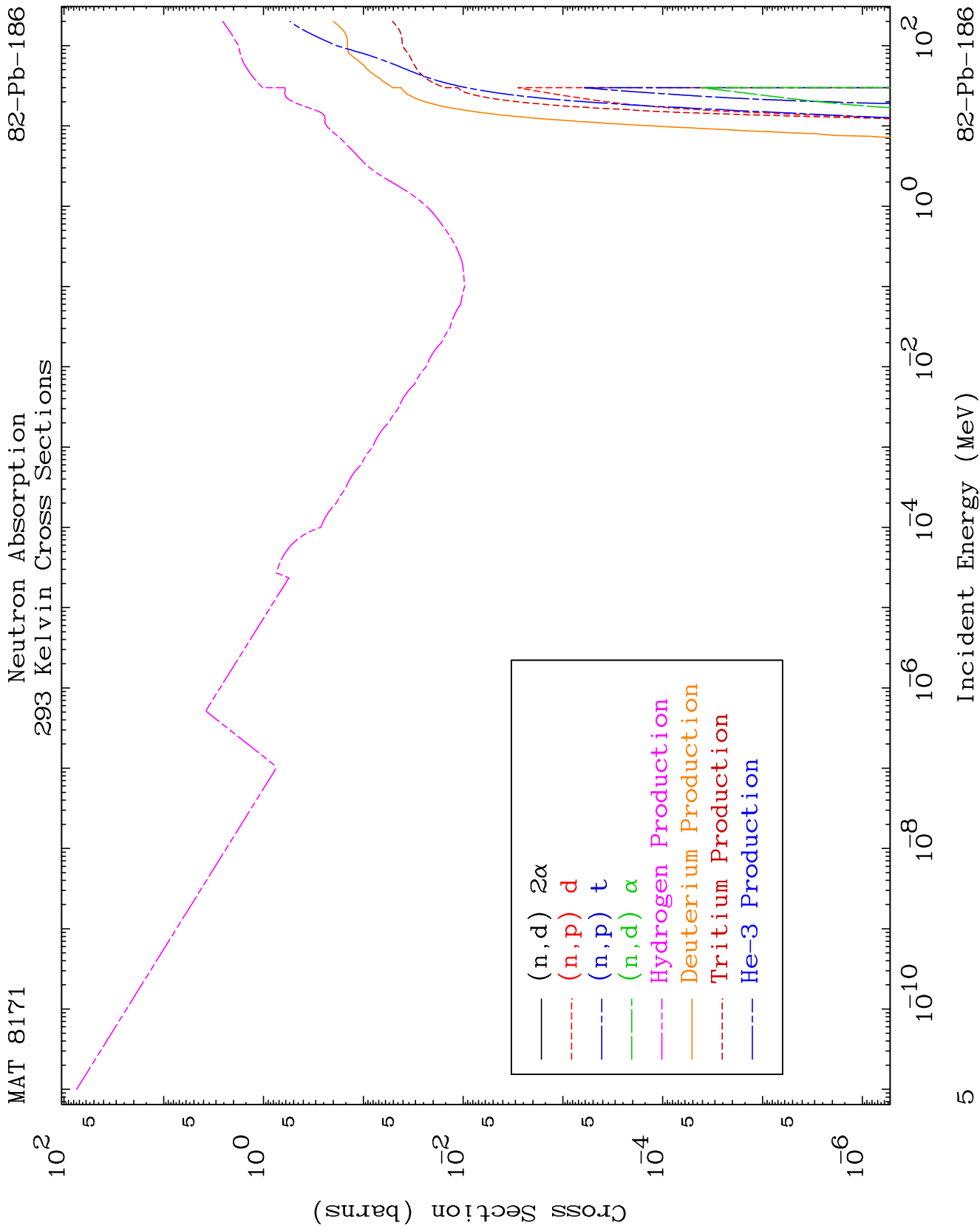
MAT 8171

Neutron Absorption
293 Kelvin Cross Sections

82-Pb-186



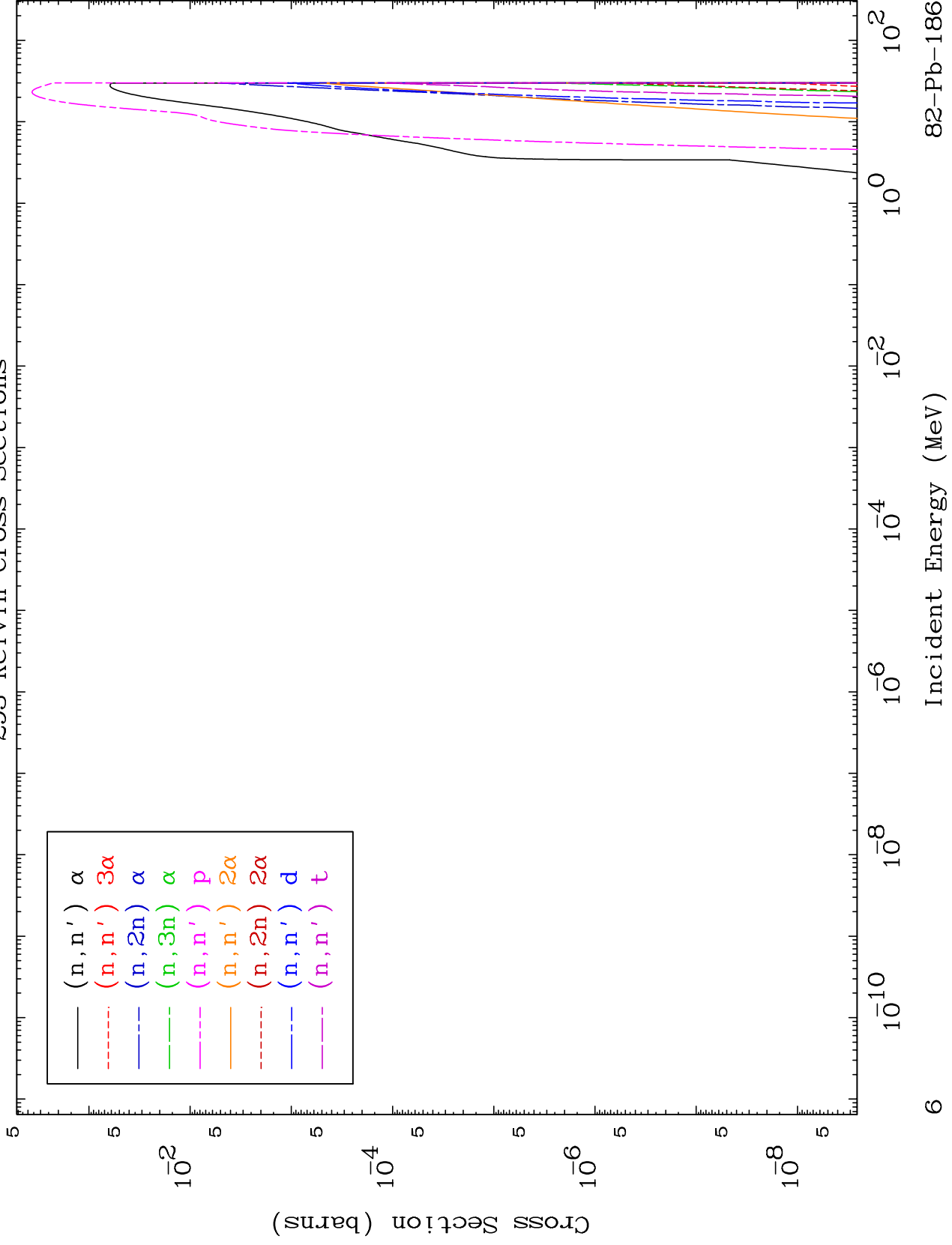


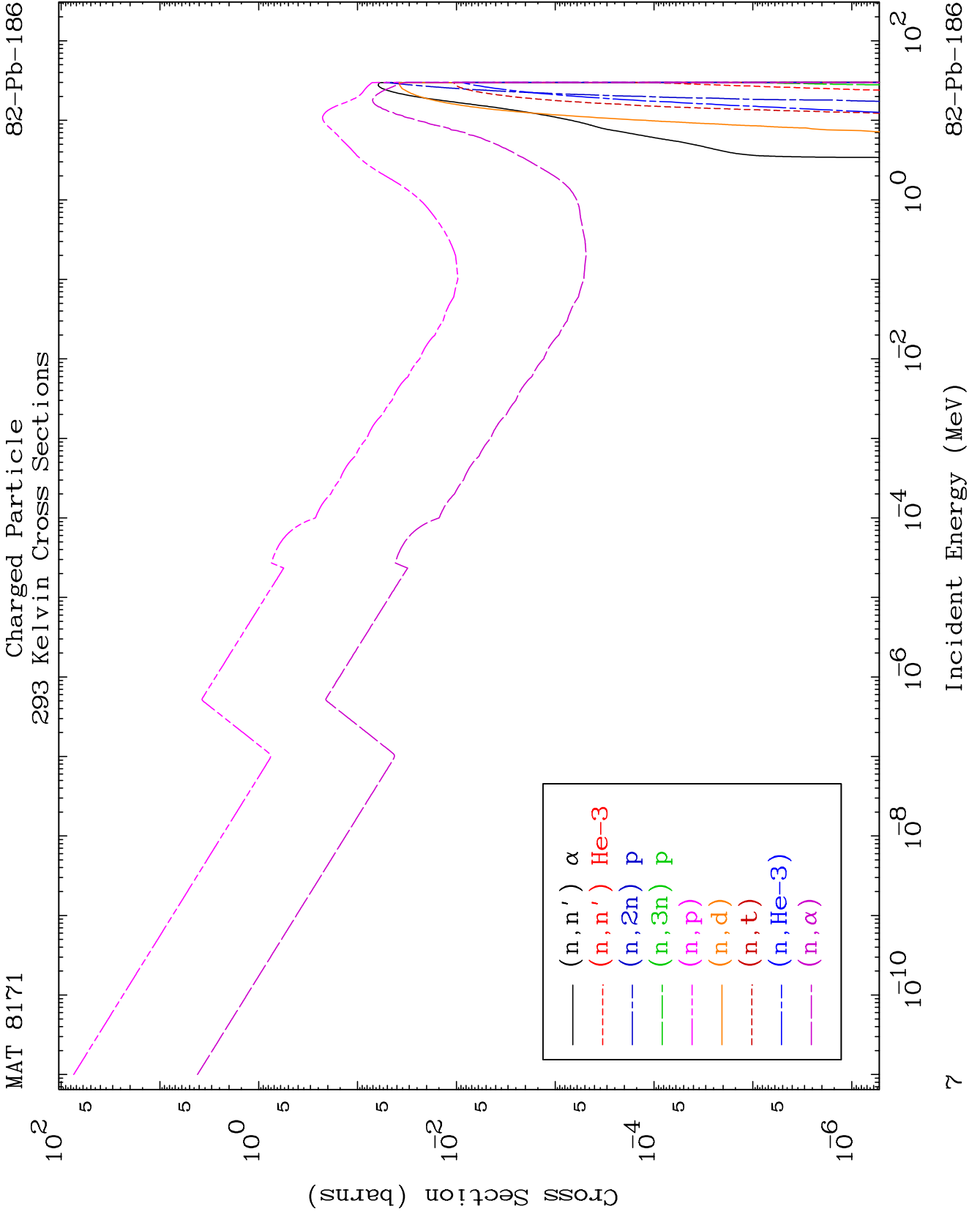


MAT 8171

Charged Particle
293 Kelvin Cross Sections

82-Pb-186

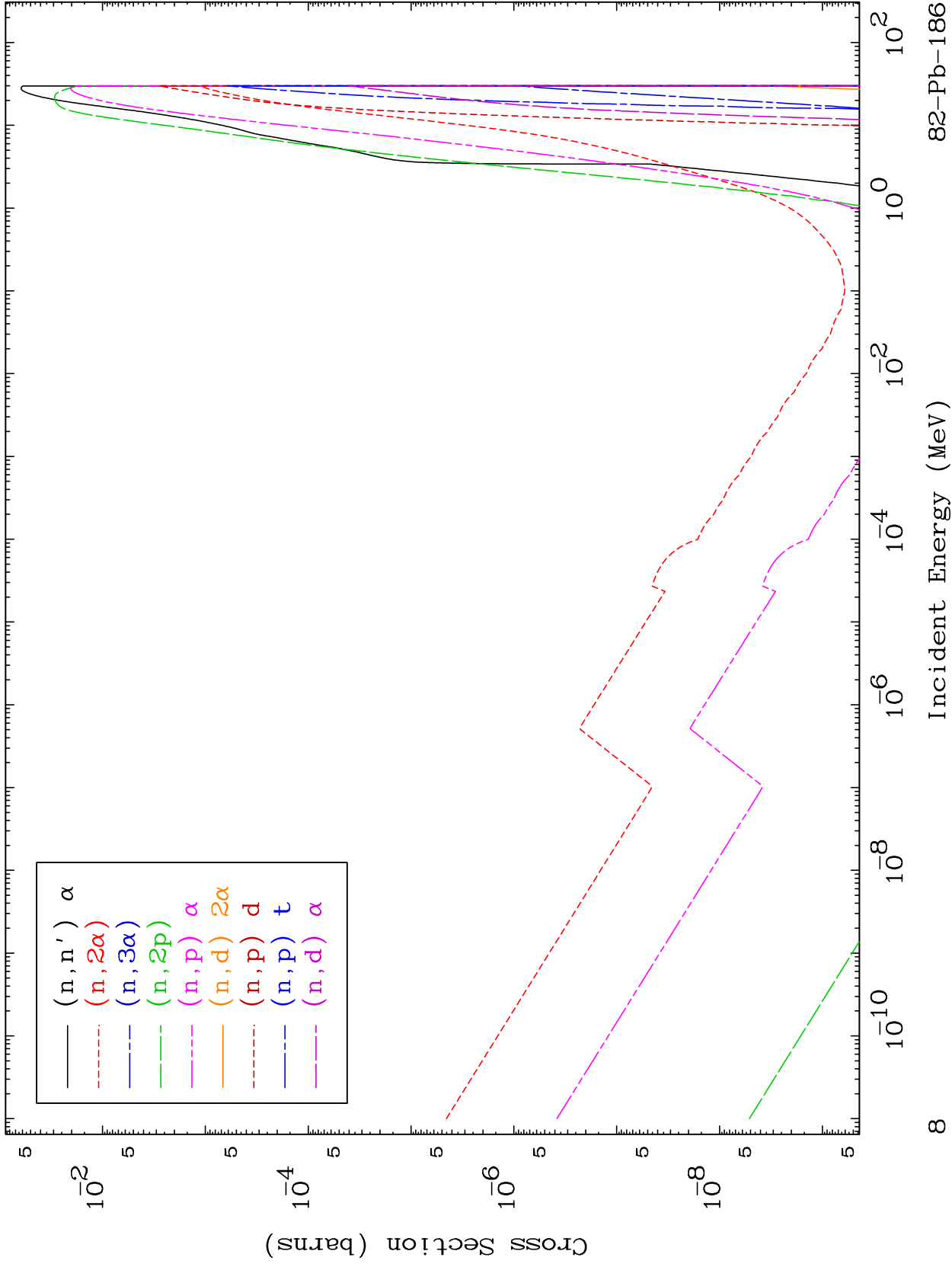


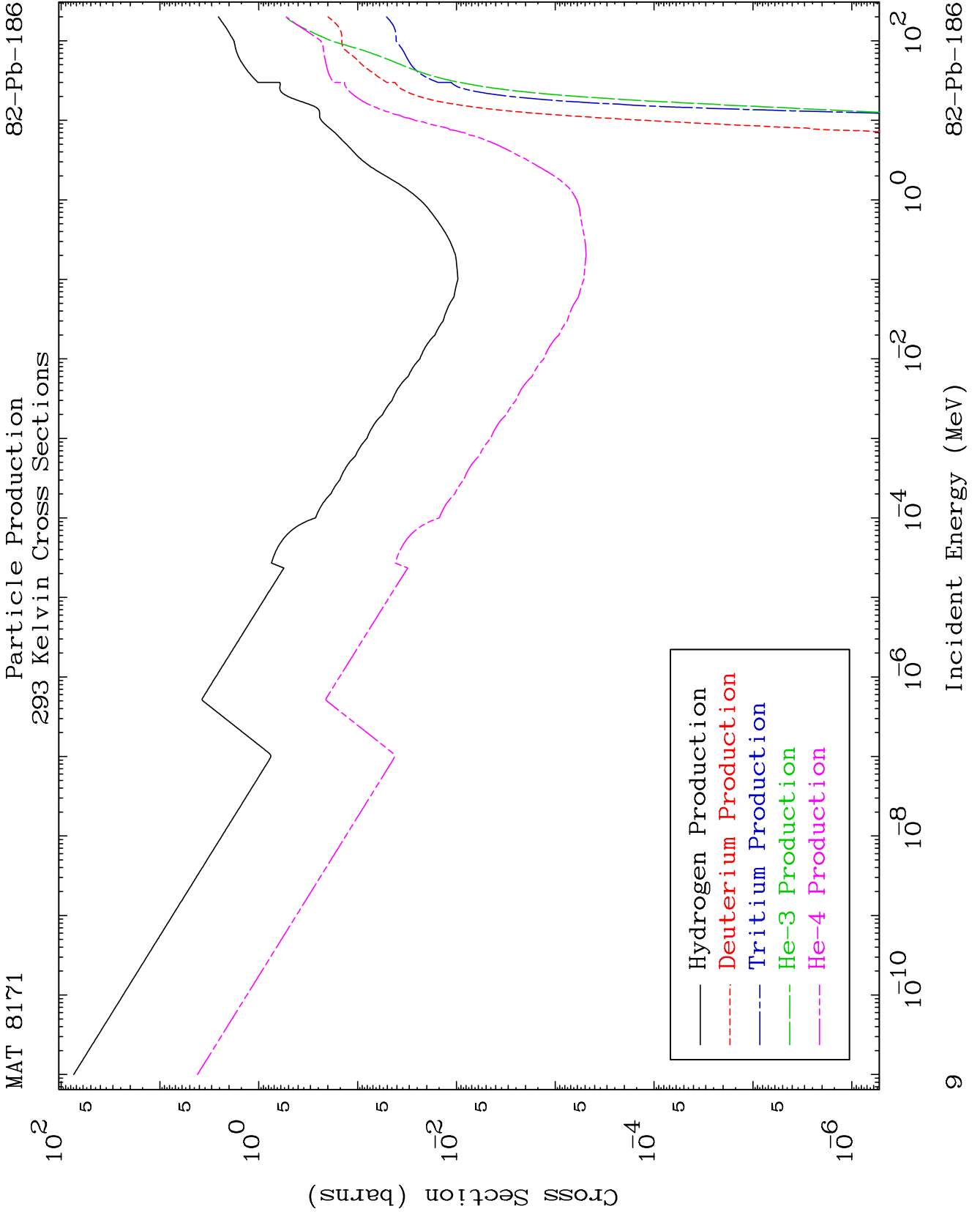


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Charged Particle
293 Kelvin Cross Sections

82-Pb-186

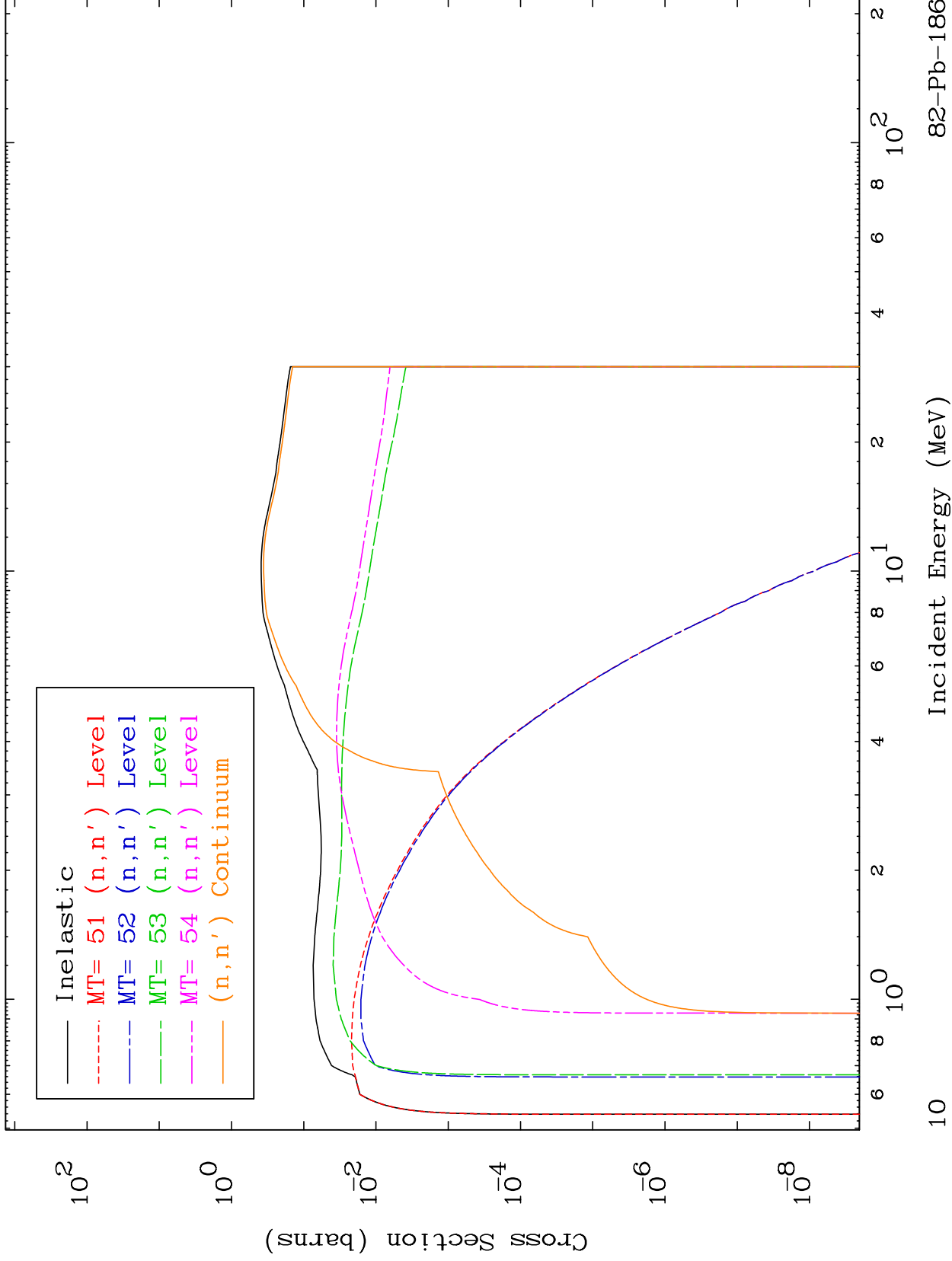




MAT 8171

(n,n') Levels
293 Kelvin Cross Sections

82-Pb-186



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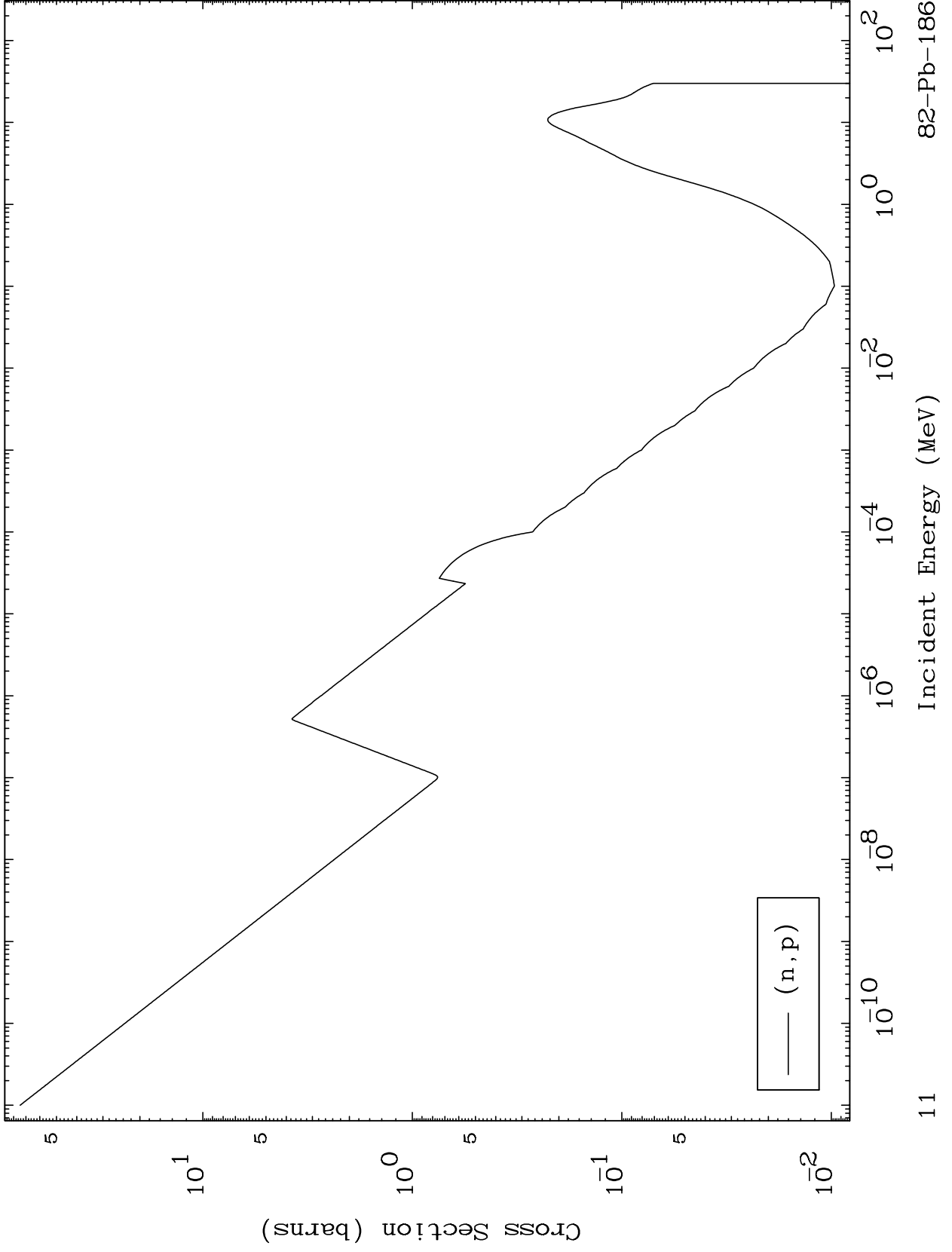
Incident Energy (MeV)

82-Pb-186

MAT 8171

(n,p) Levels
293 Kelvin Cross Sections

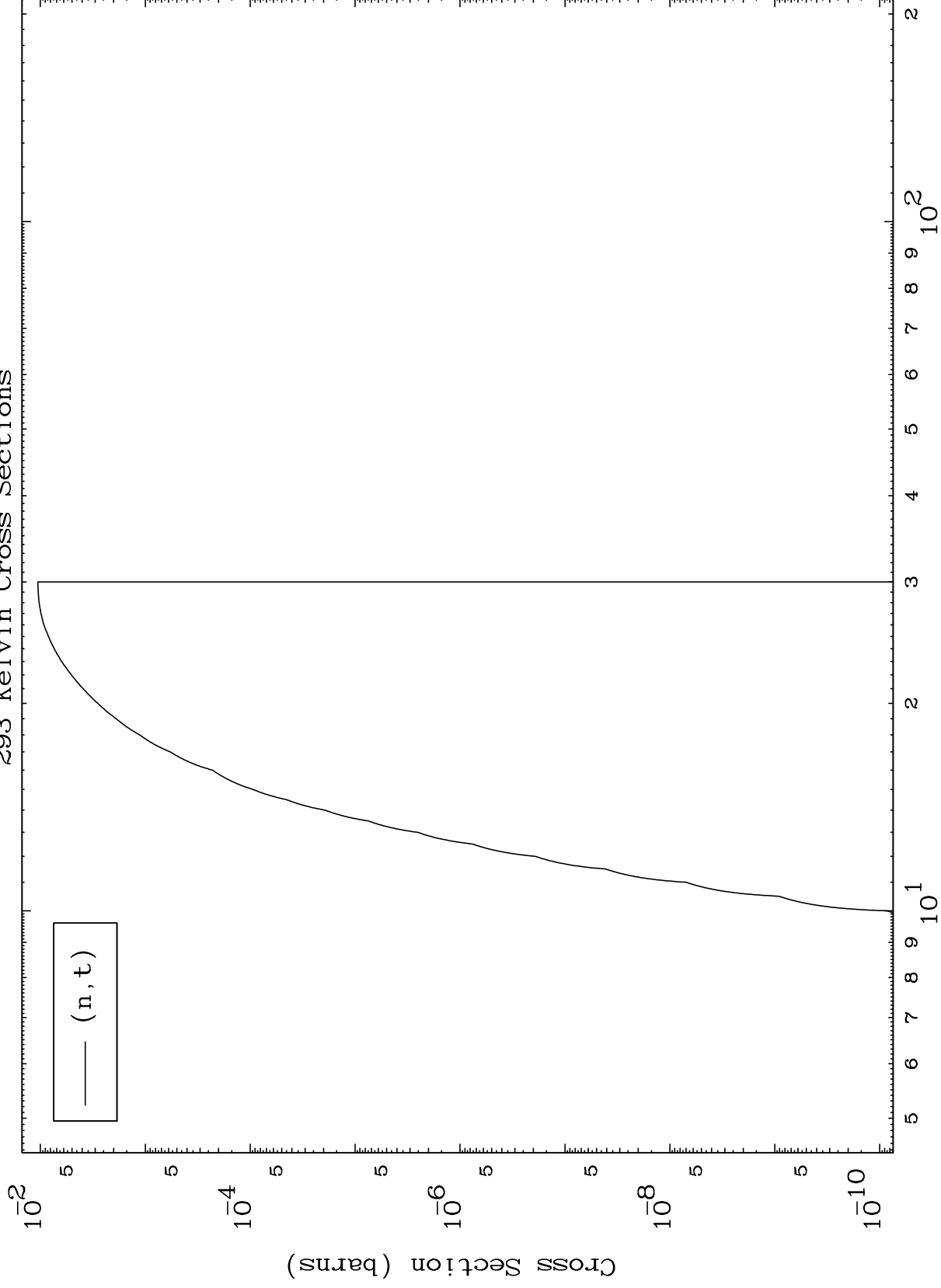
82-Pb-186



MAT 8171

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-186



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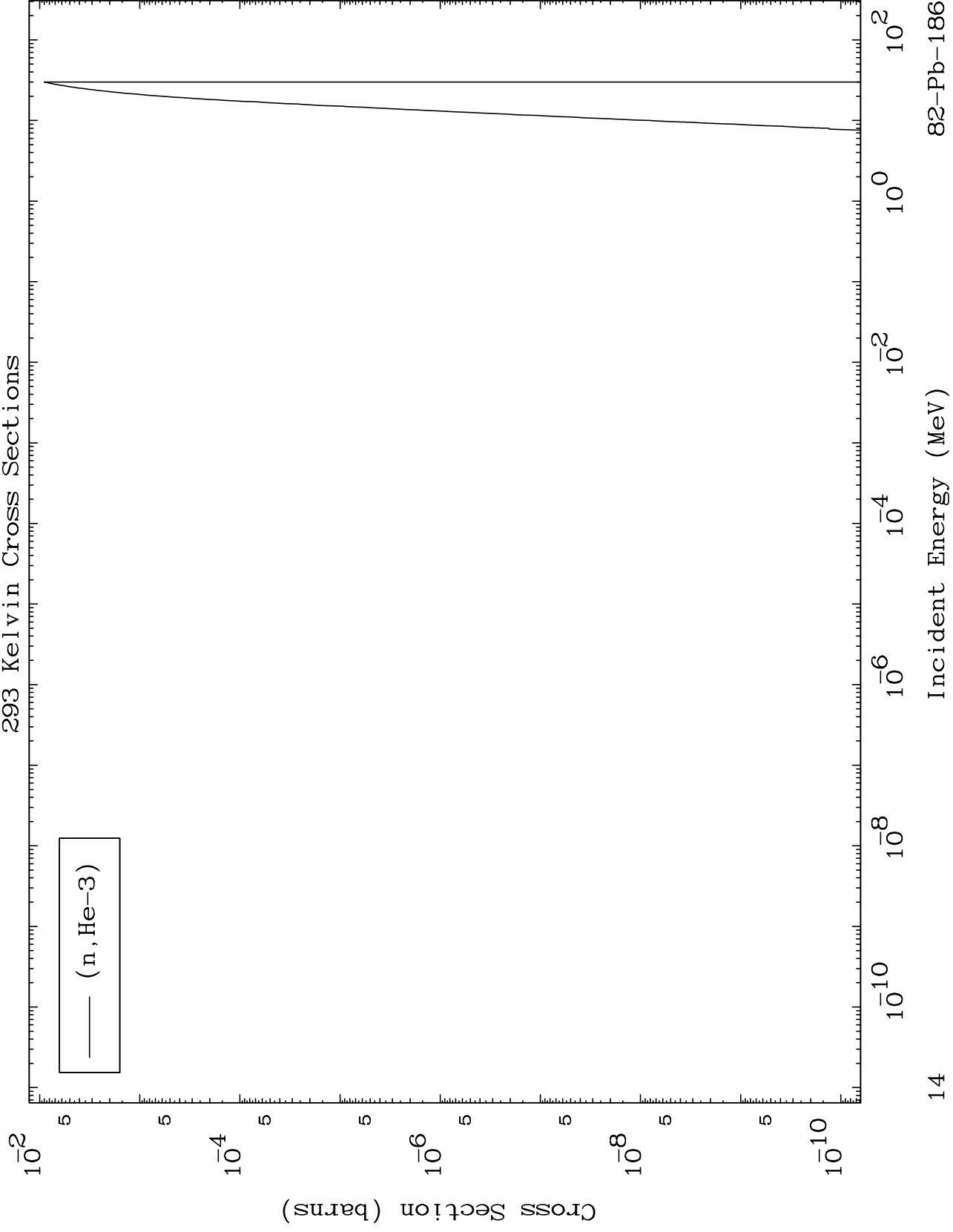
Incident Energy (MeV)

82-Pb-186

MAT 8171

(n,He3) Levels
293 Kelvin Cross Sections

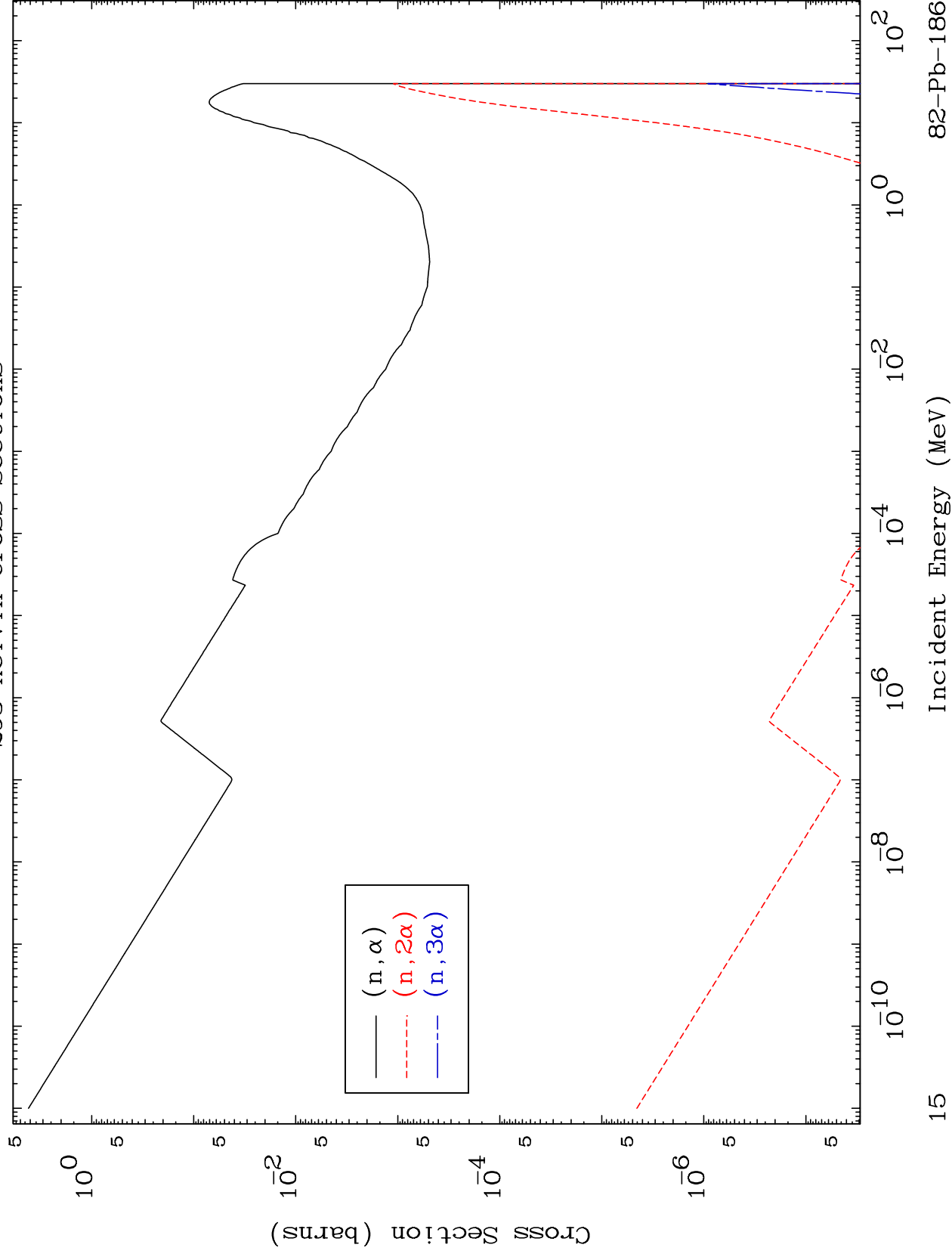
82-Pb-186



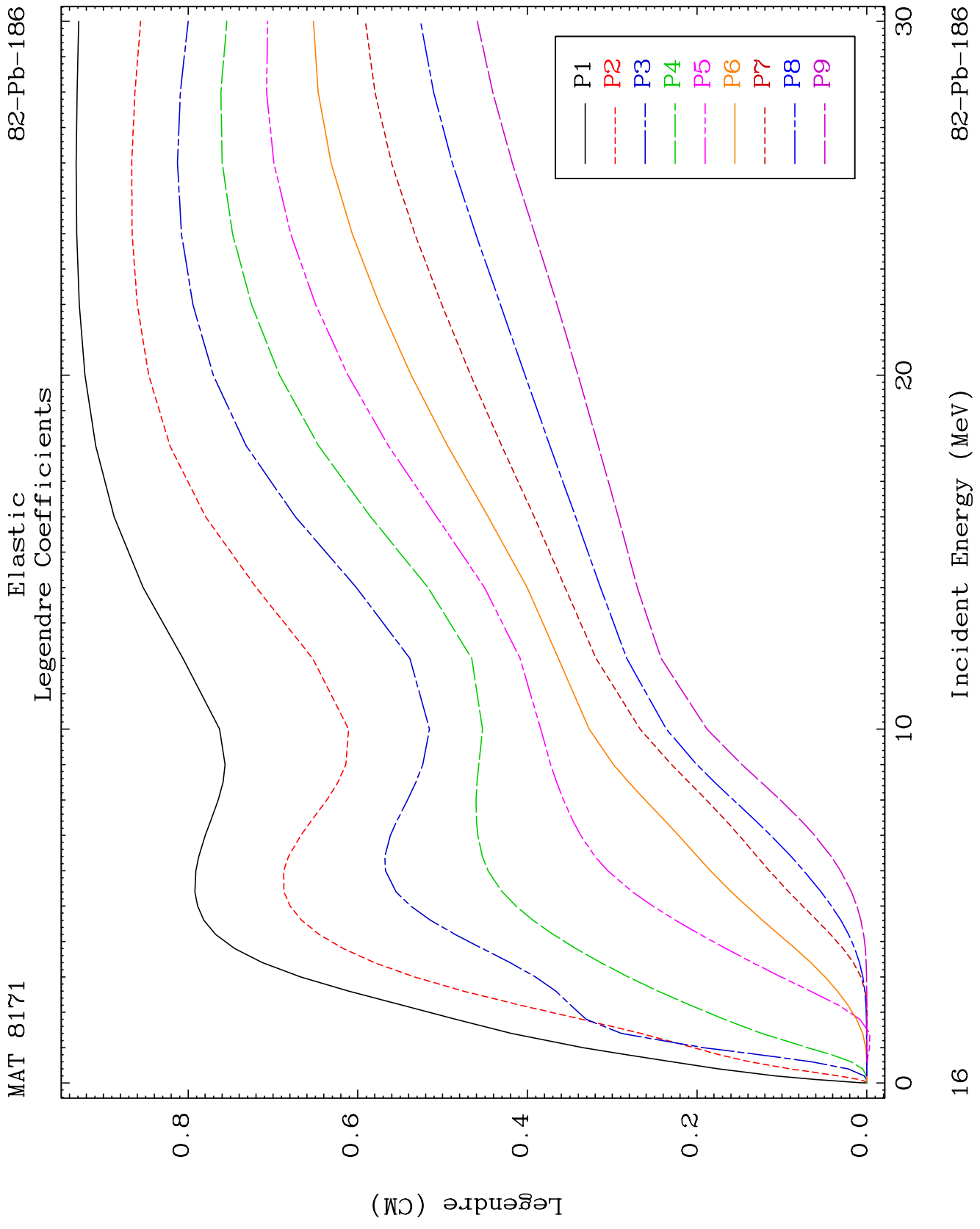
MAT 8171

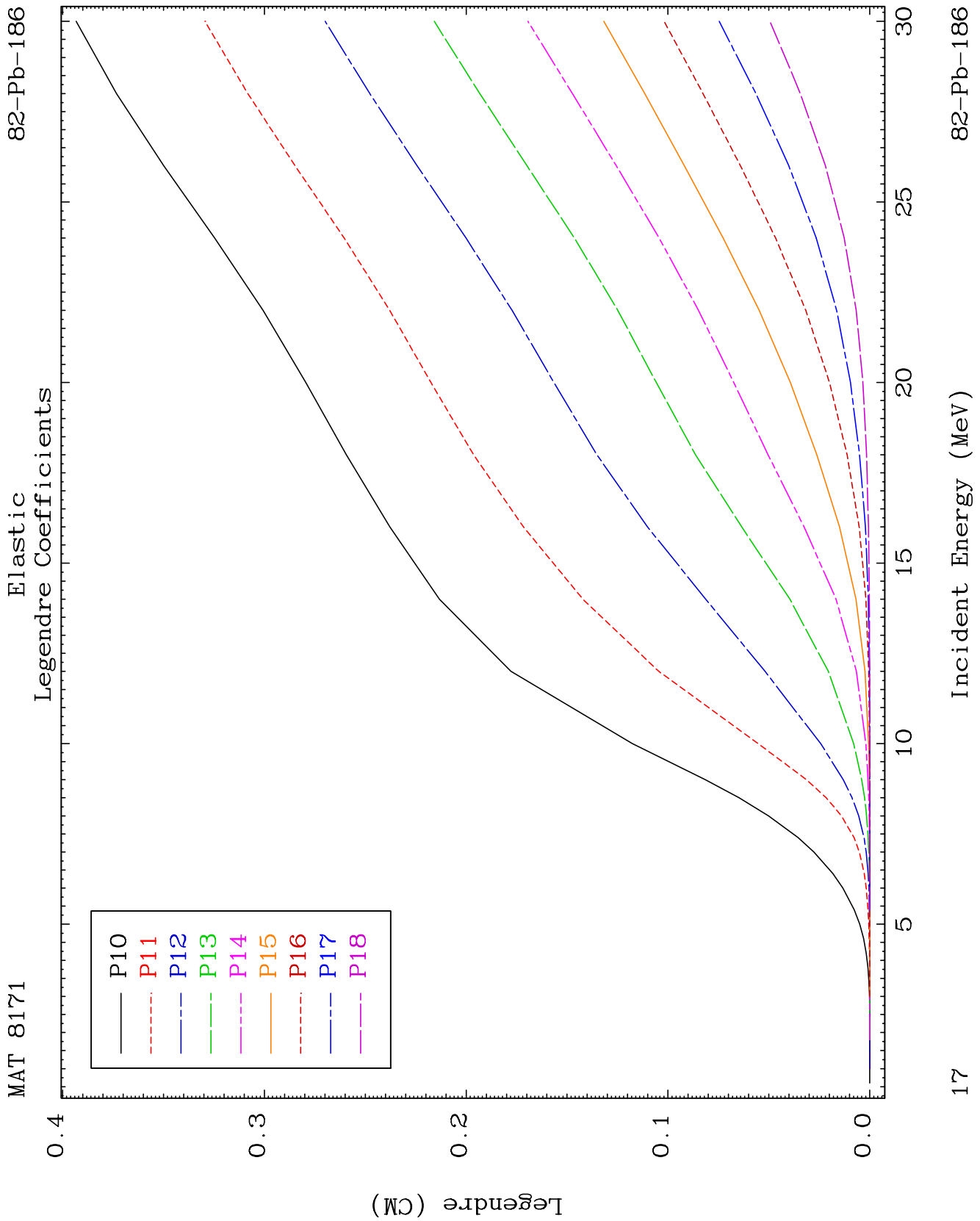
(n, α) Levels
293 Kelvin Cross Sections

82-Pb-186



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Elastic Legendre Coefficients

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

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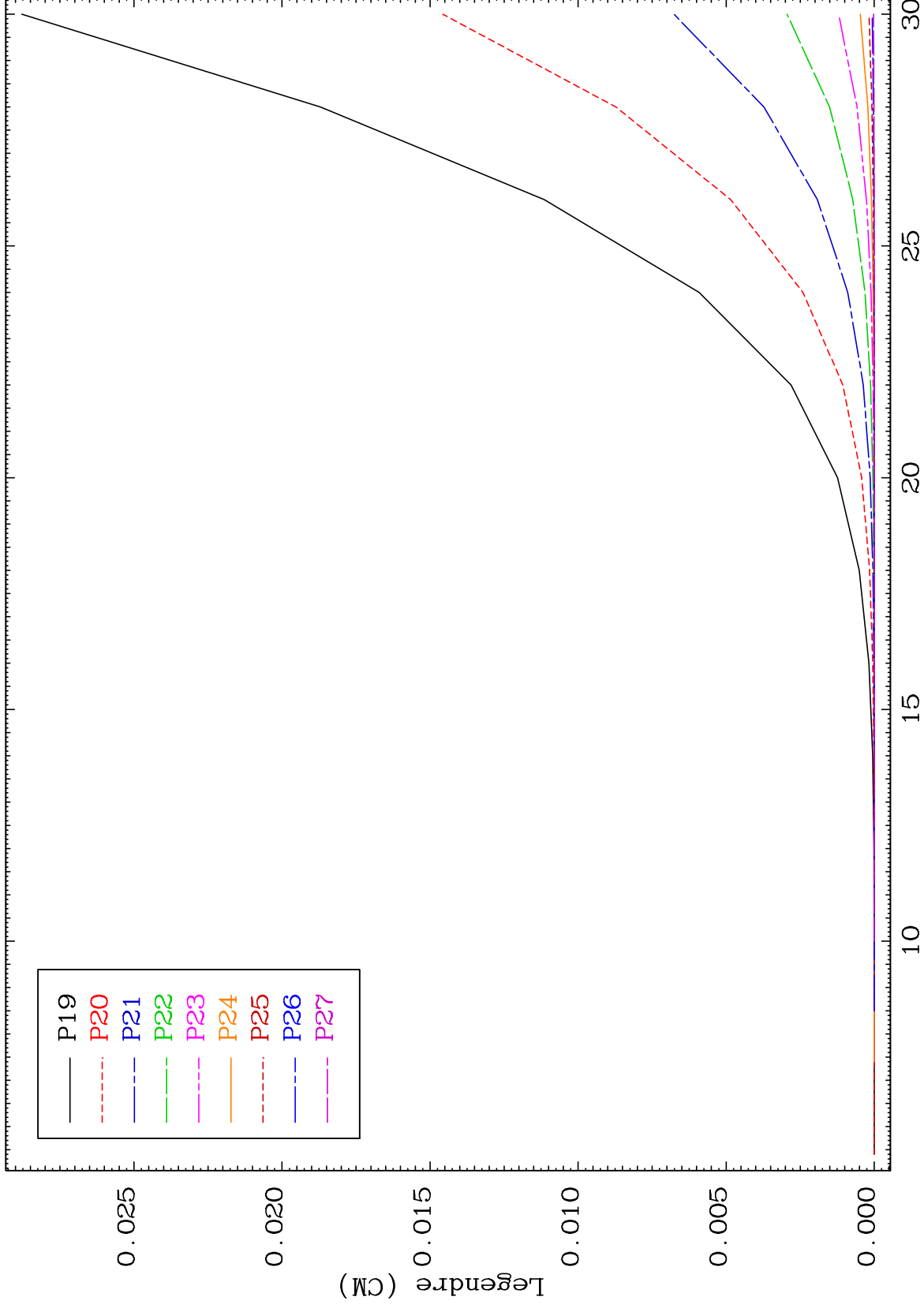
Incident Energy (MeV)

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

MAT 8171

Elastic Legendre Coefficients

82-Pb-186



18

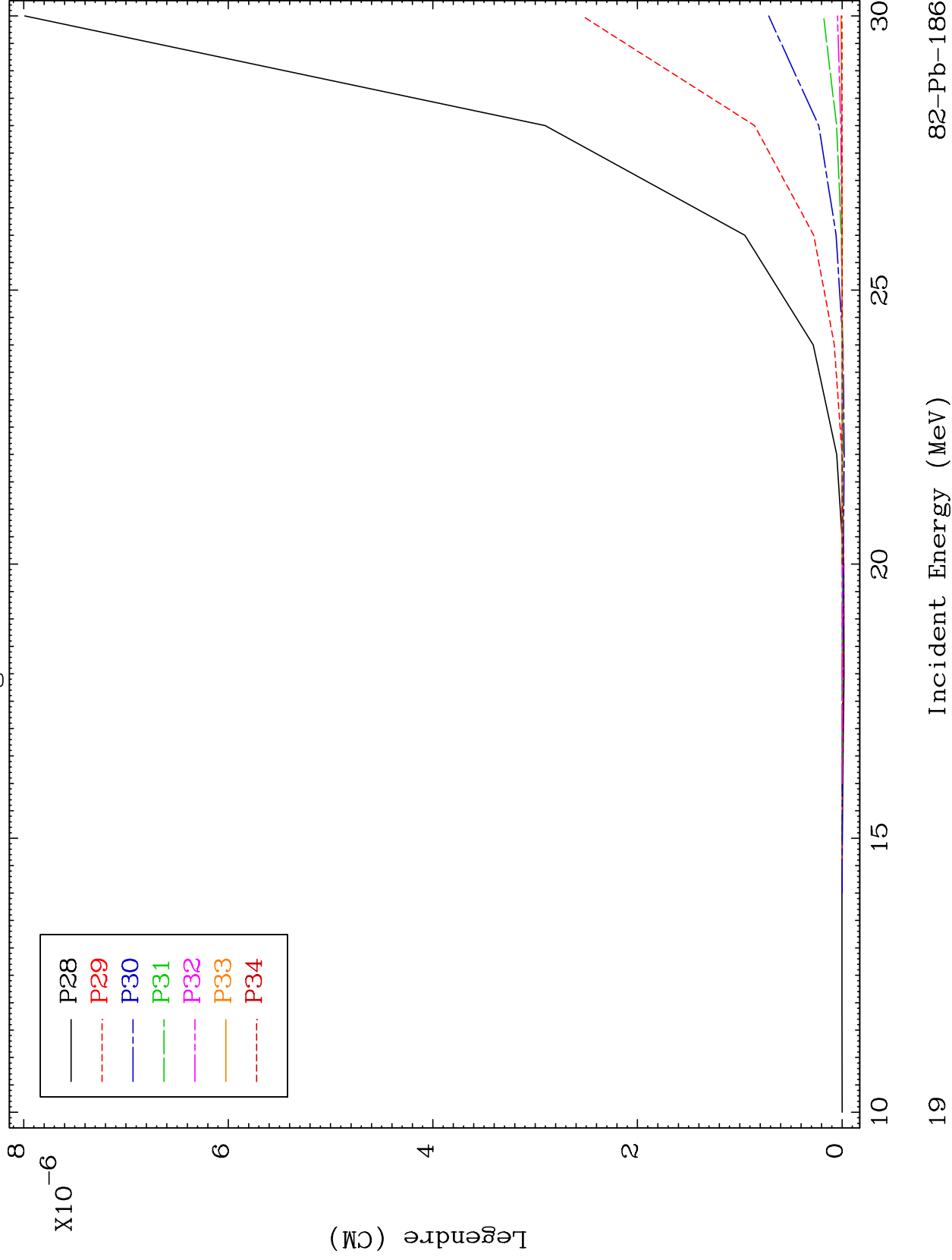
Incident Energy (MeV)

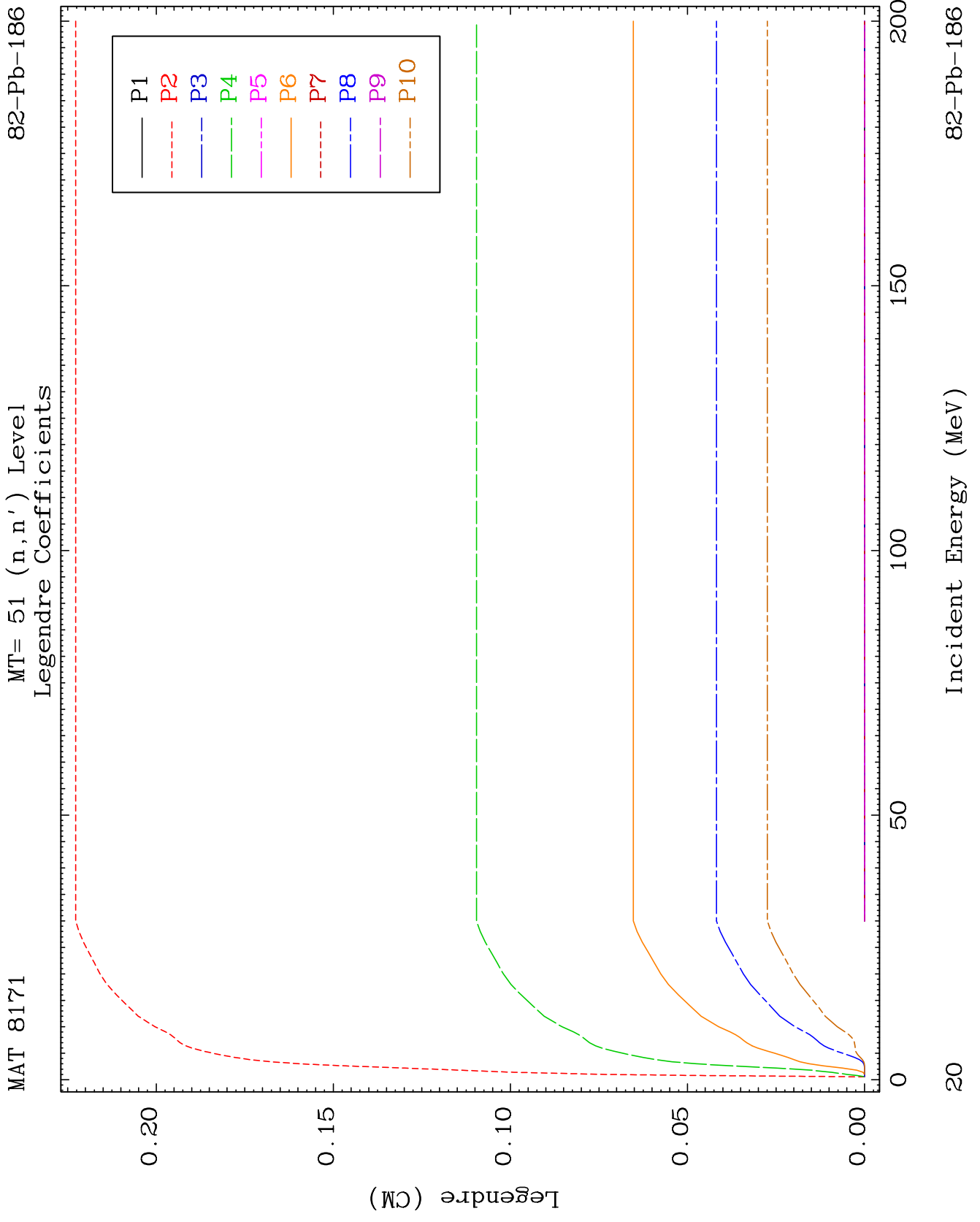
82-Pb-186

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Elastic
Legendre Coefficients

82-Pb-186

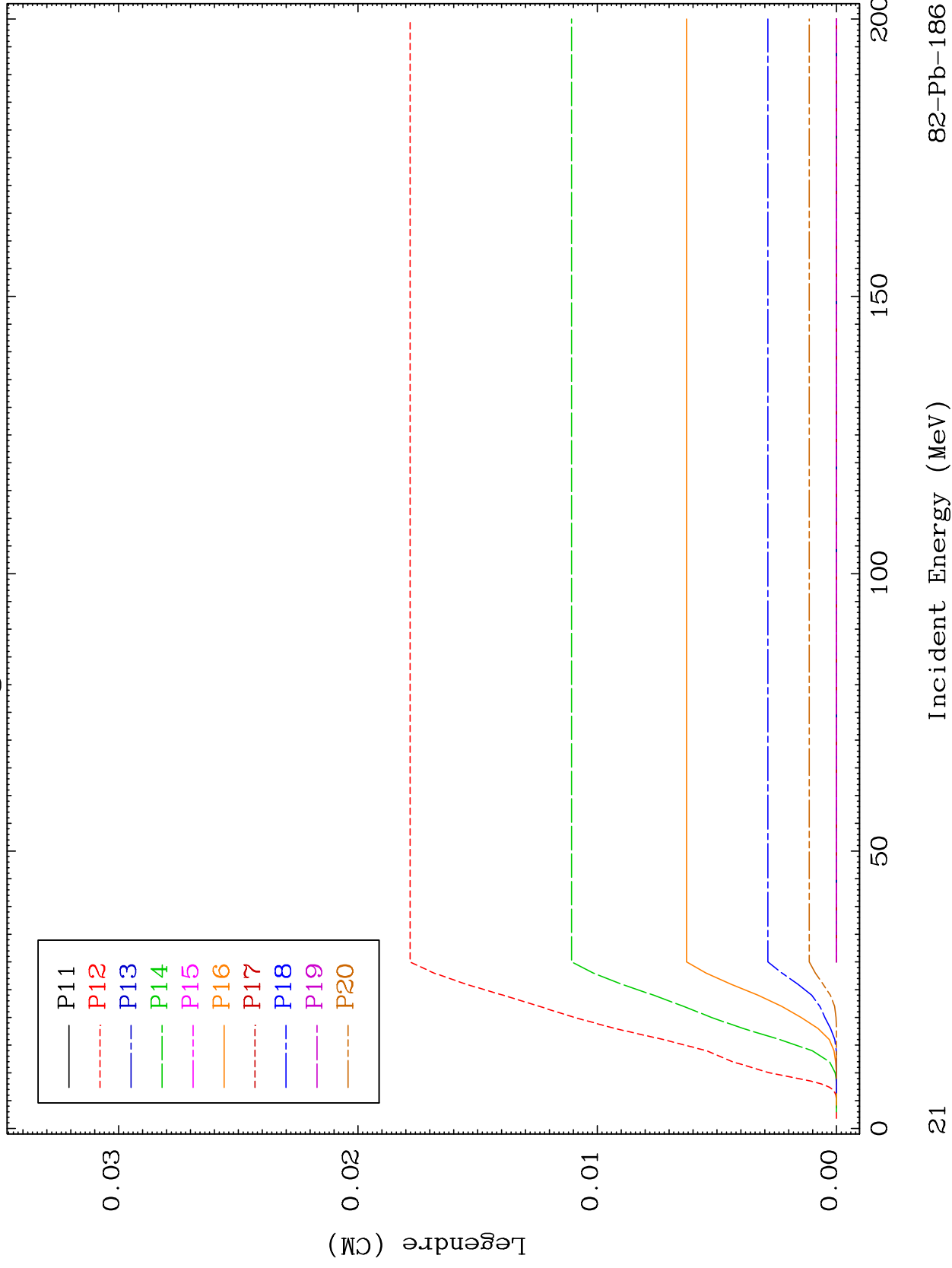




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MT= 51 (n,n') Level
Legendre Coefficients

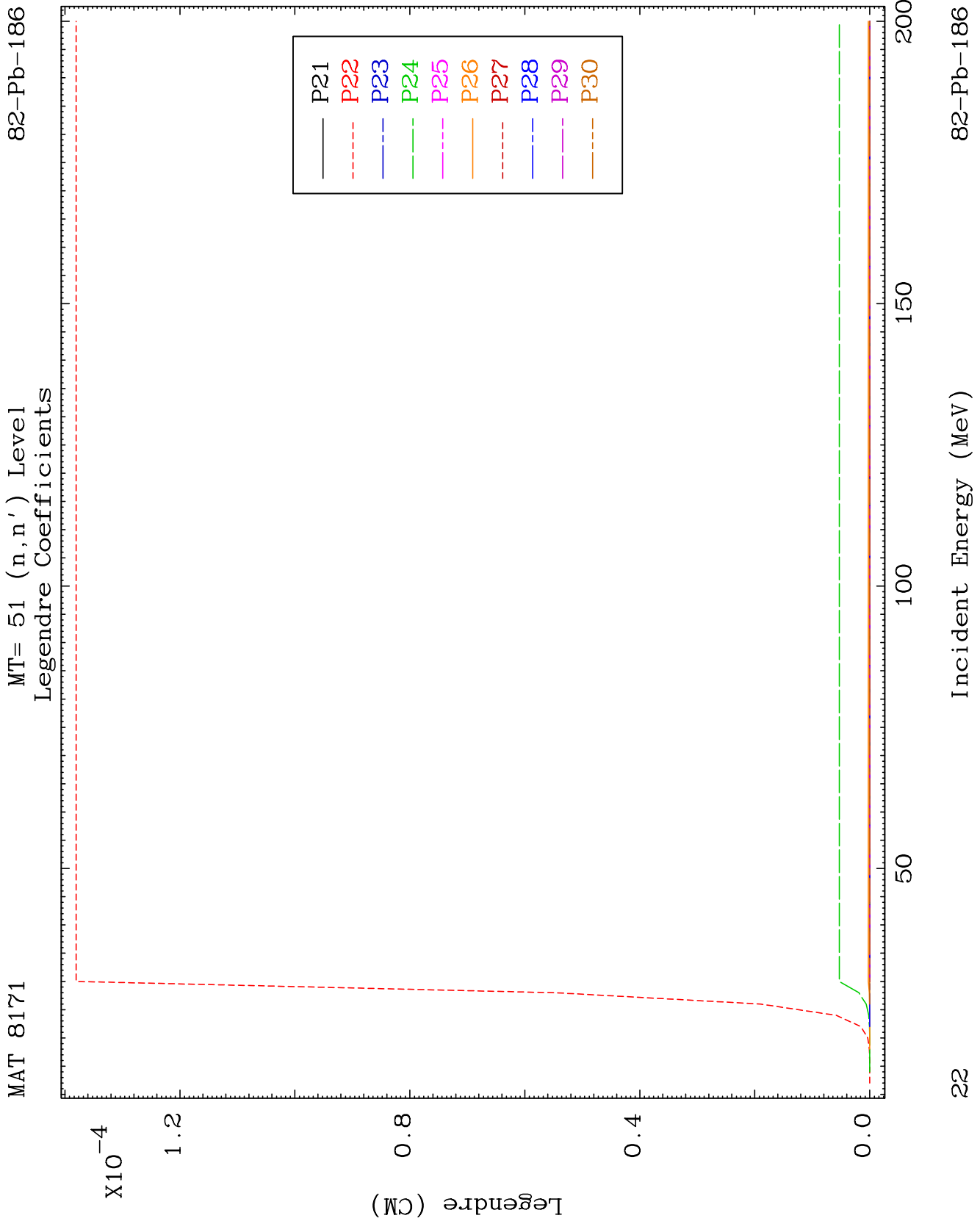
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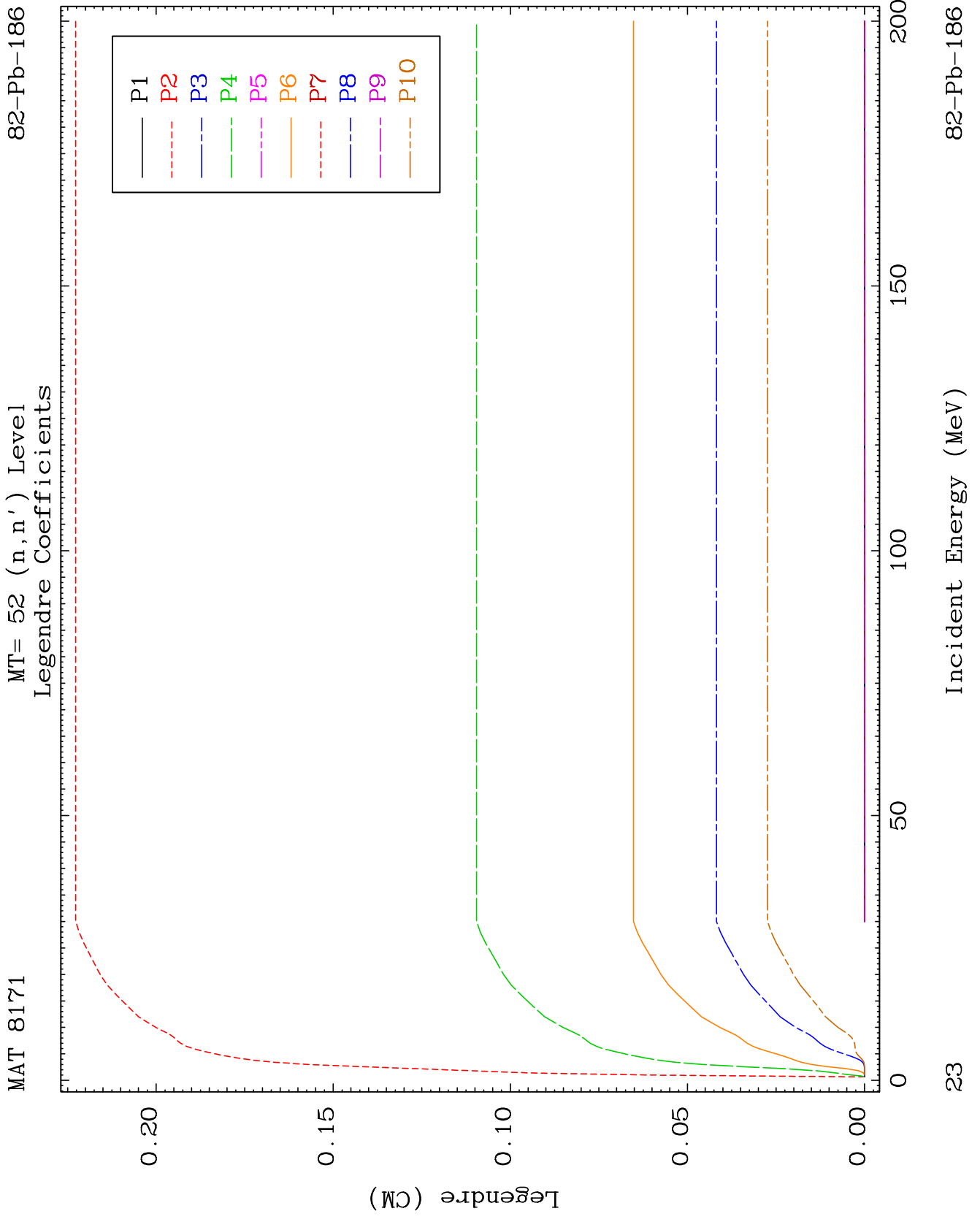


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Incident Energy (MeV)

82-Pb-186

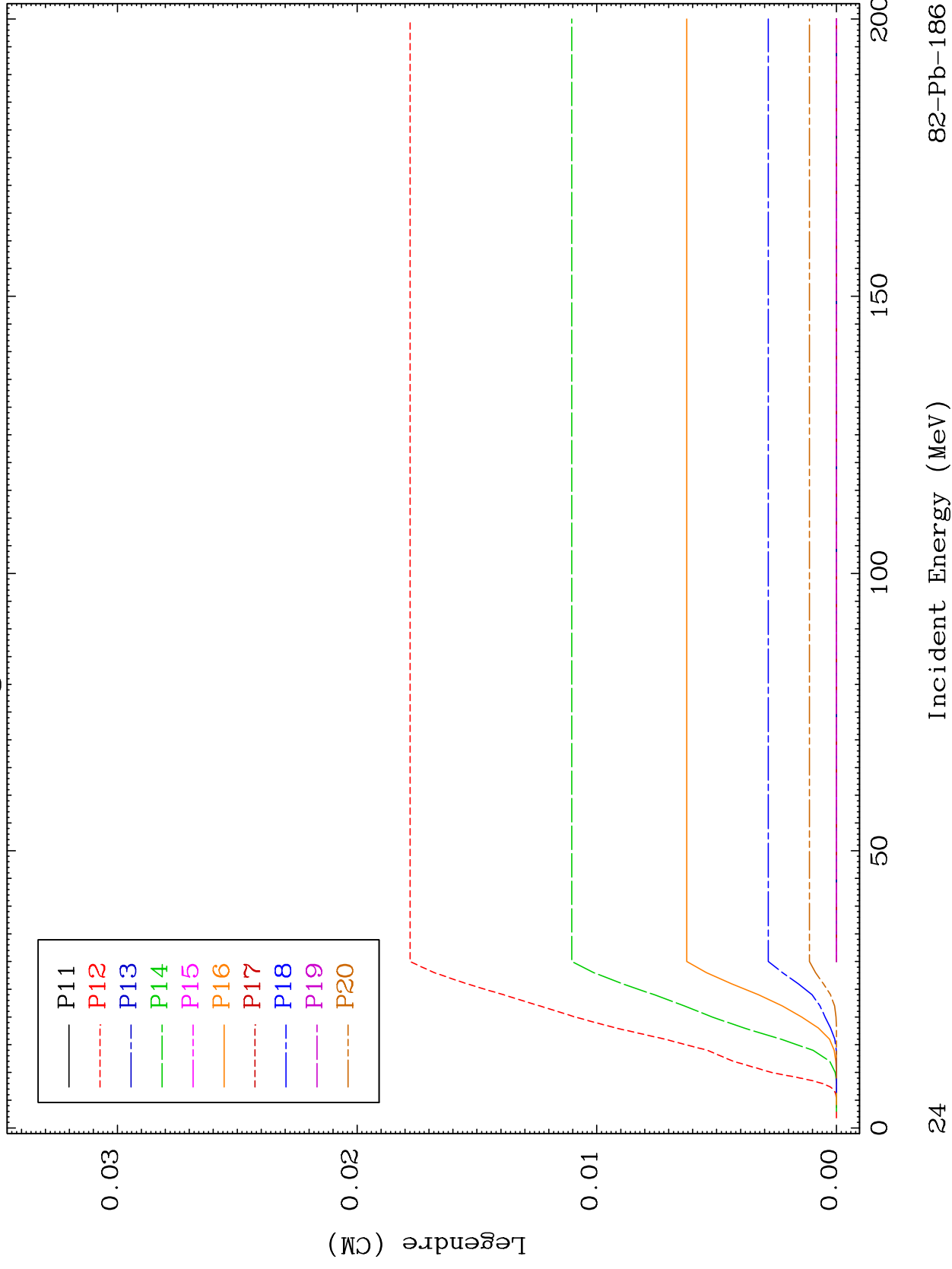




MAT 8171

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

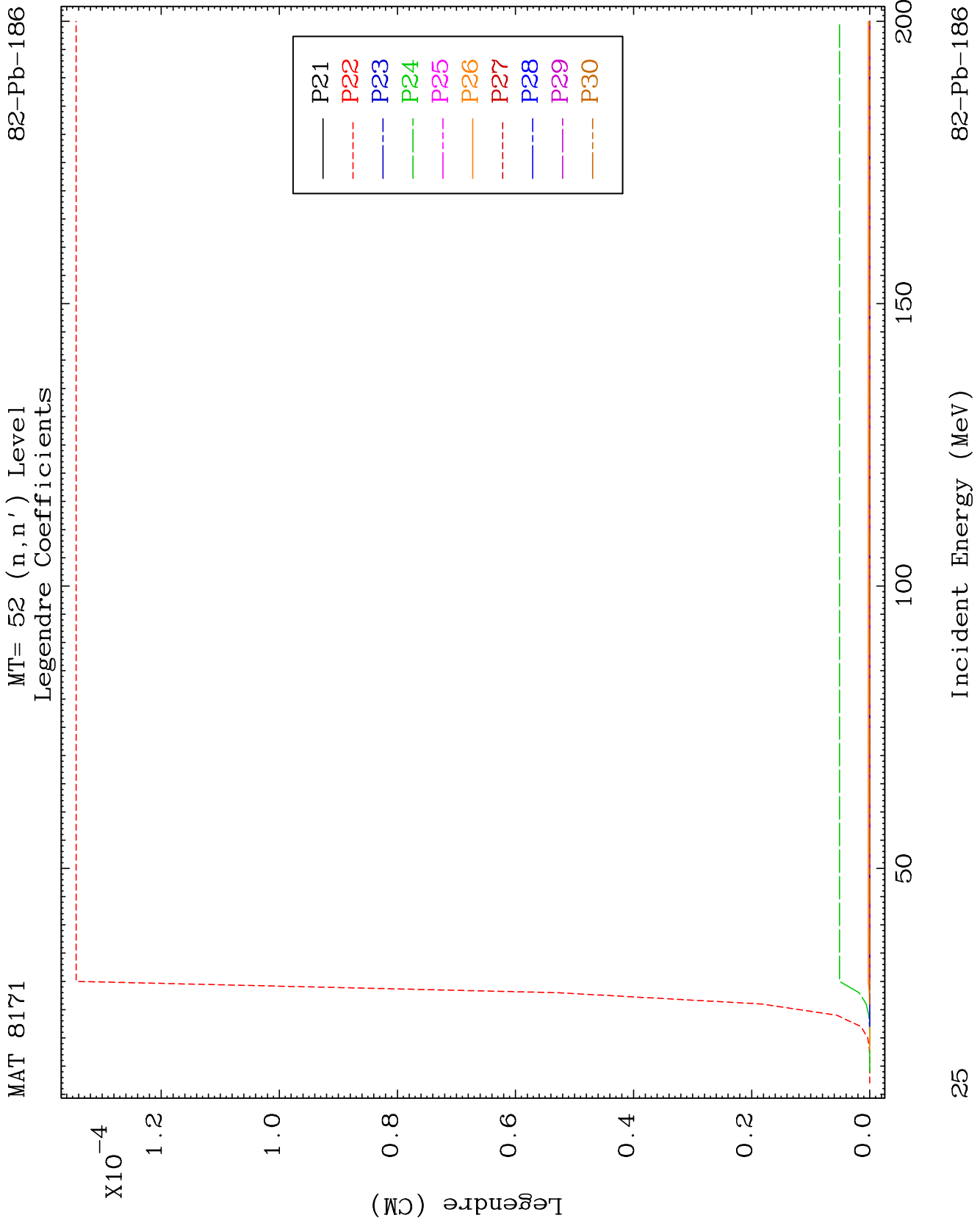
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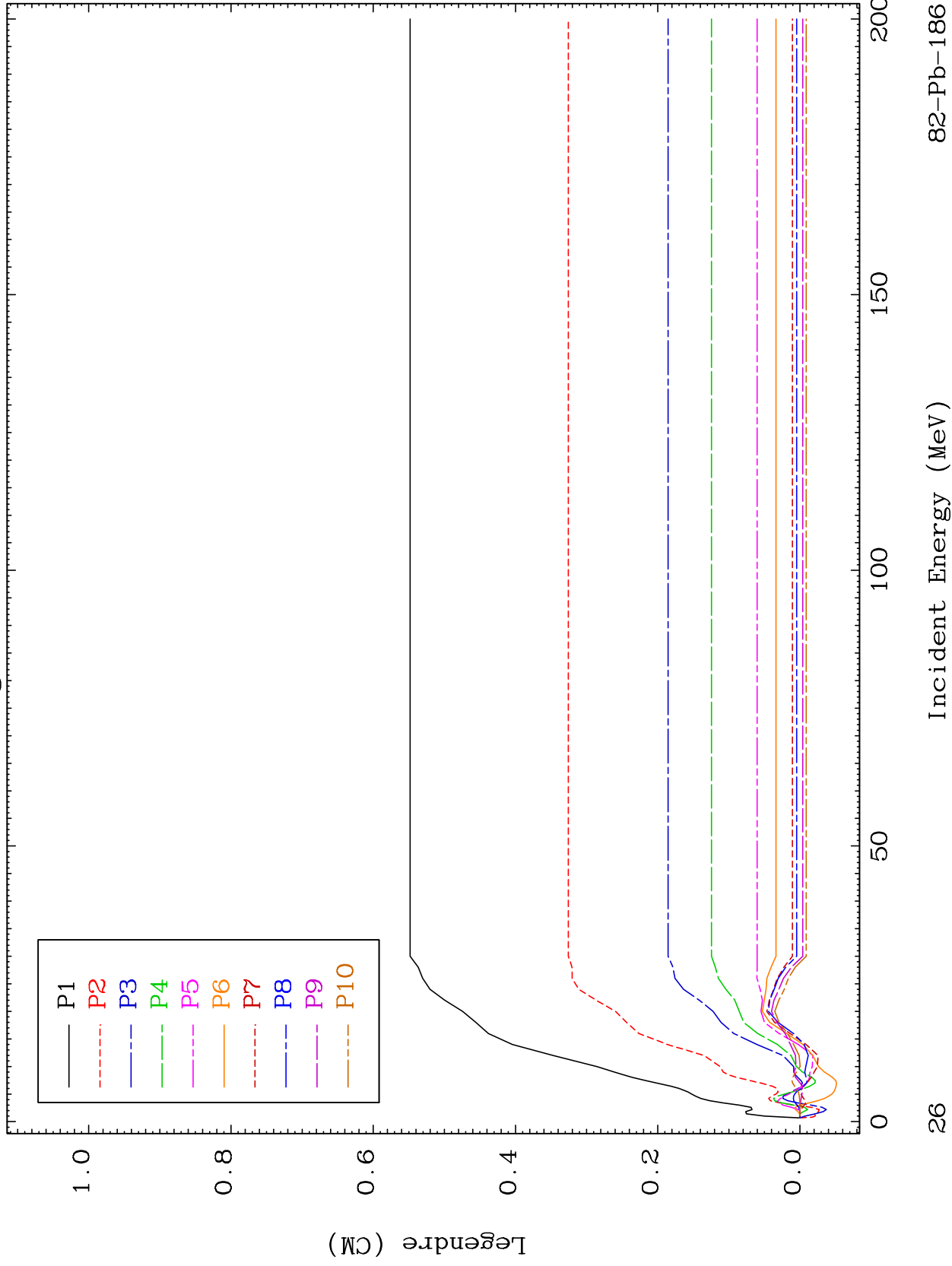


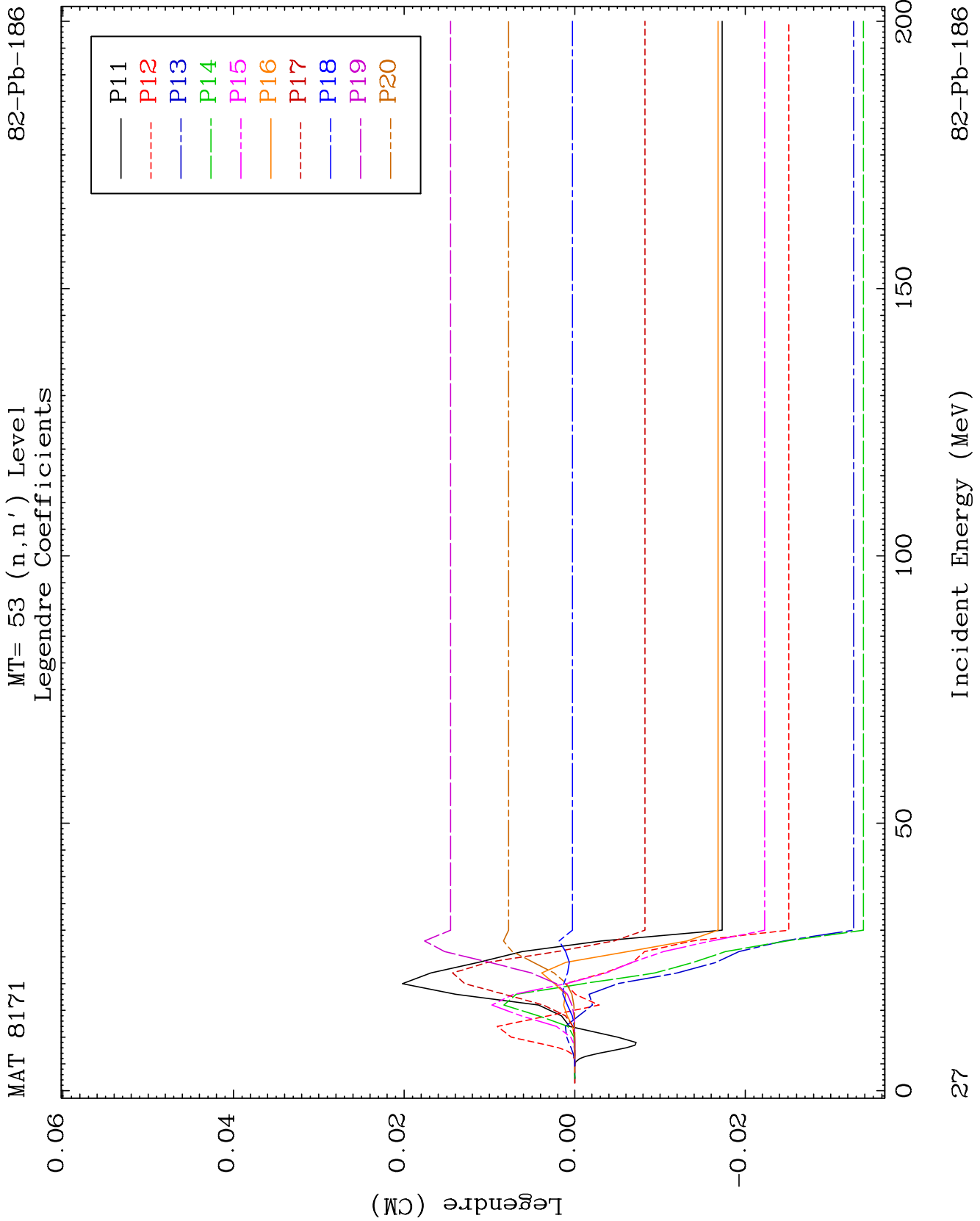
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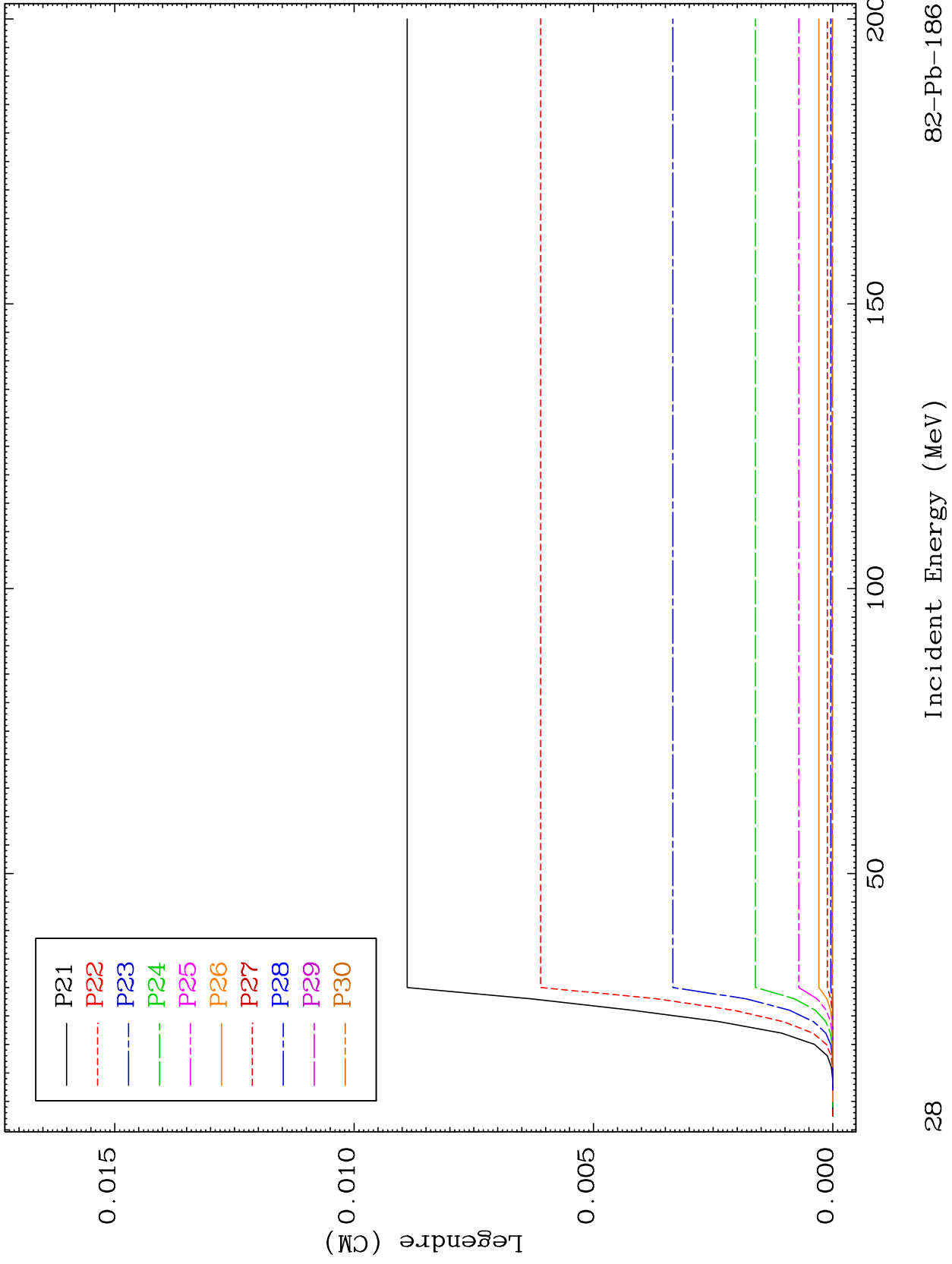
Incident Energy (MeV)

24





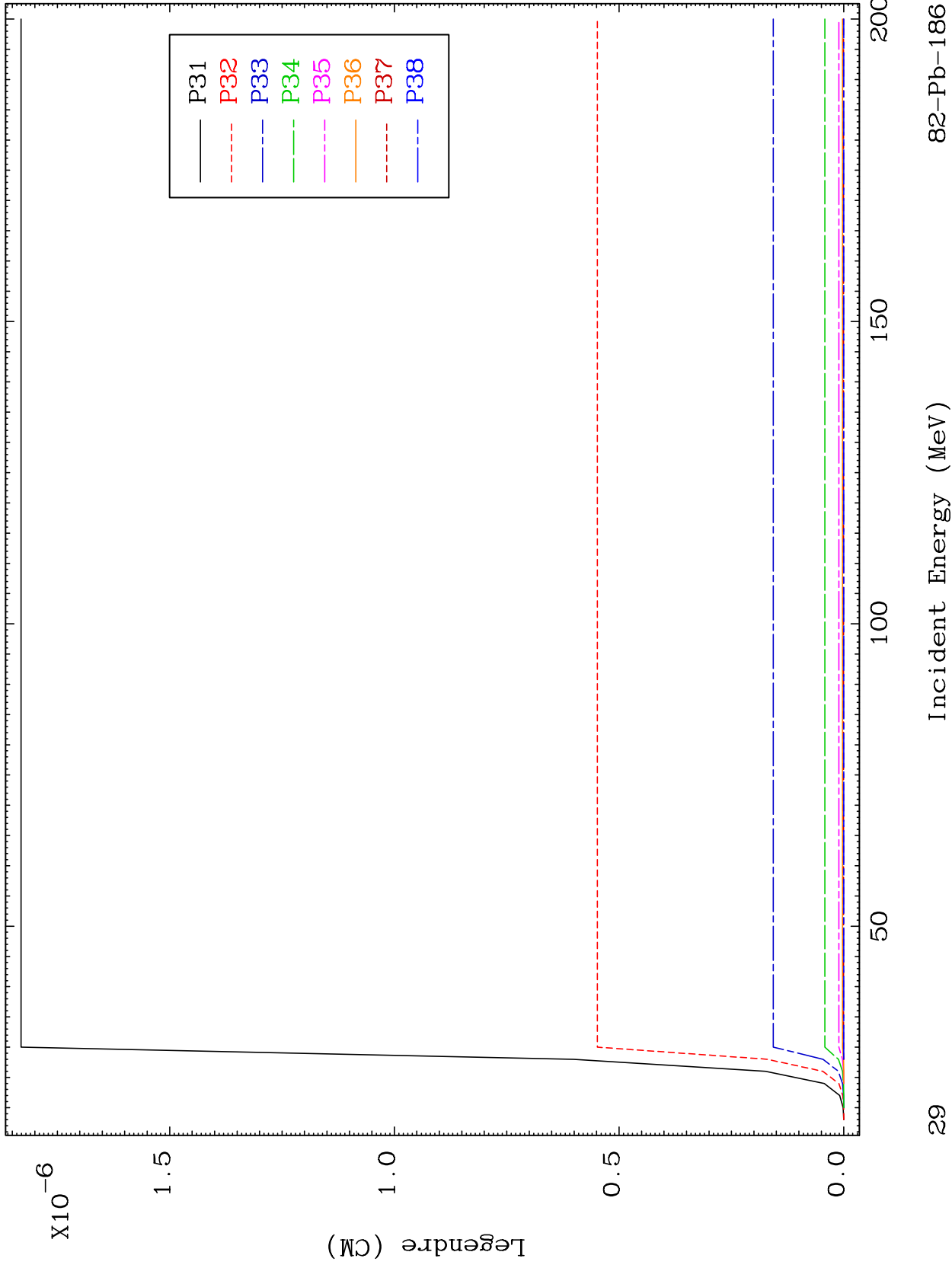




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MT= 53 (n,n') Level
Legendre Coefficients

82-Pb-186



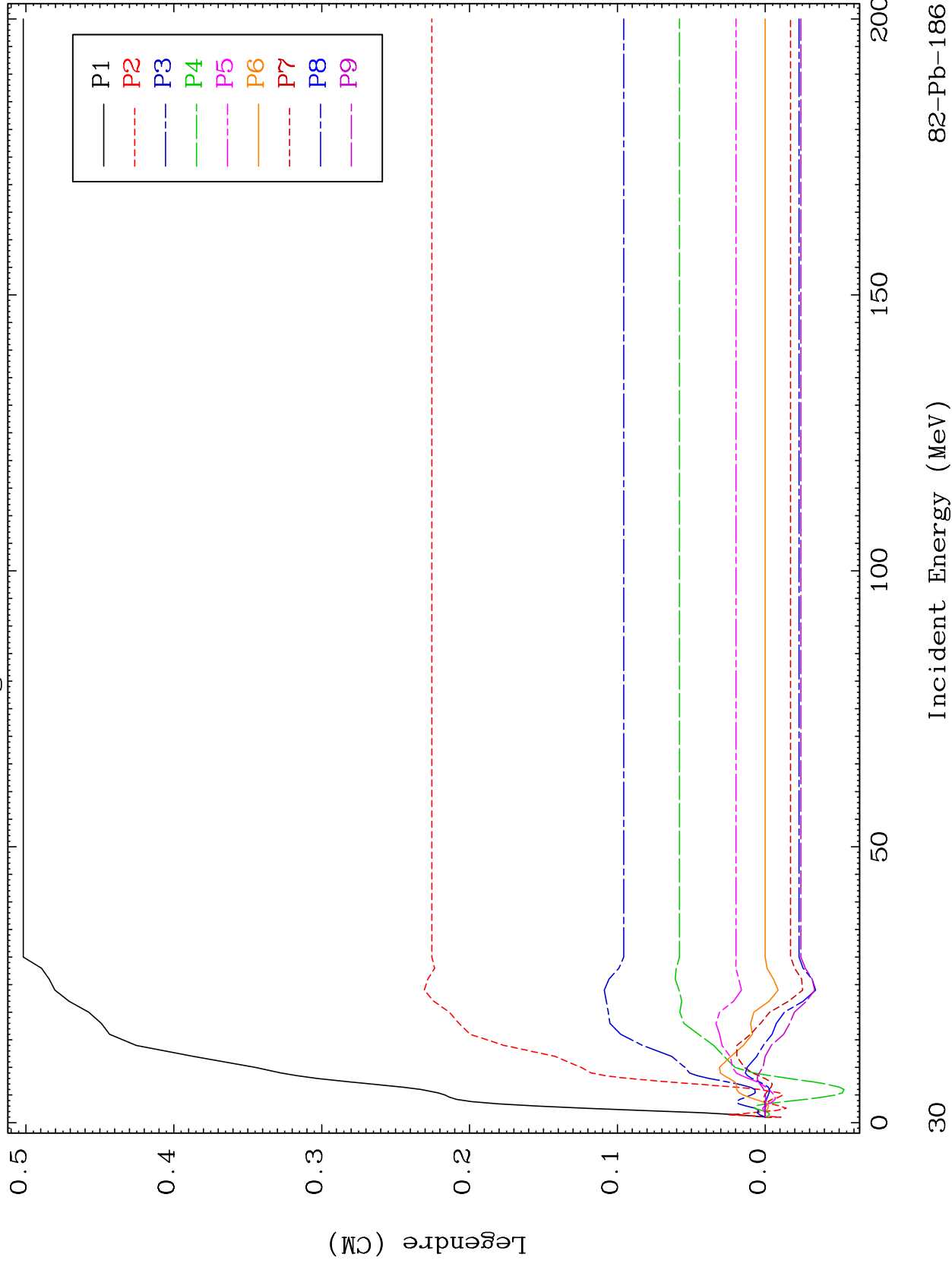
29

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MT= 54 (n,n') Level

82-Pb-186

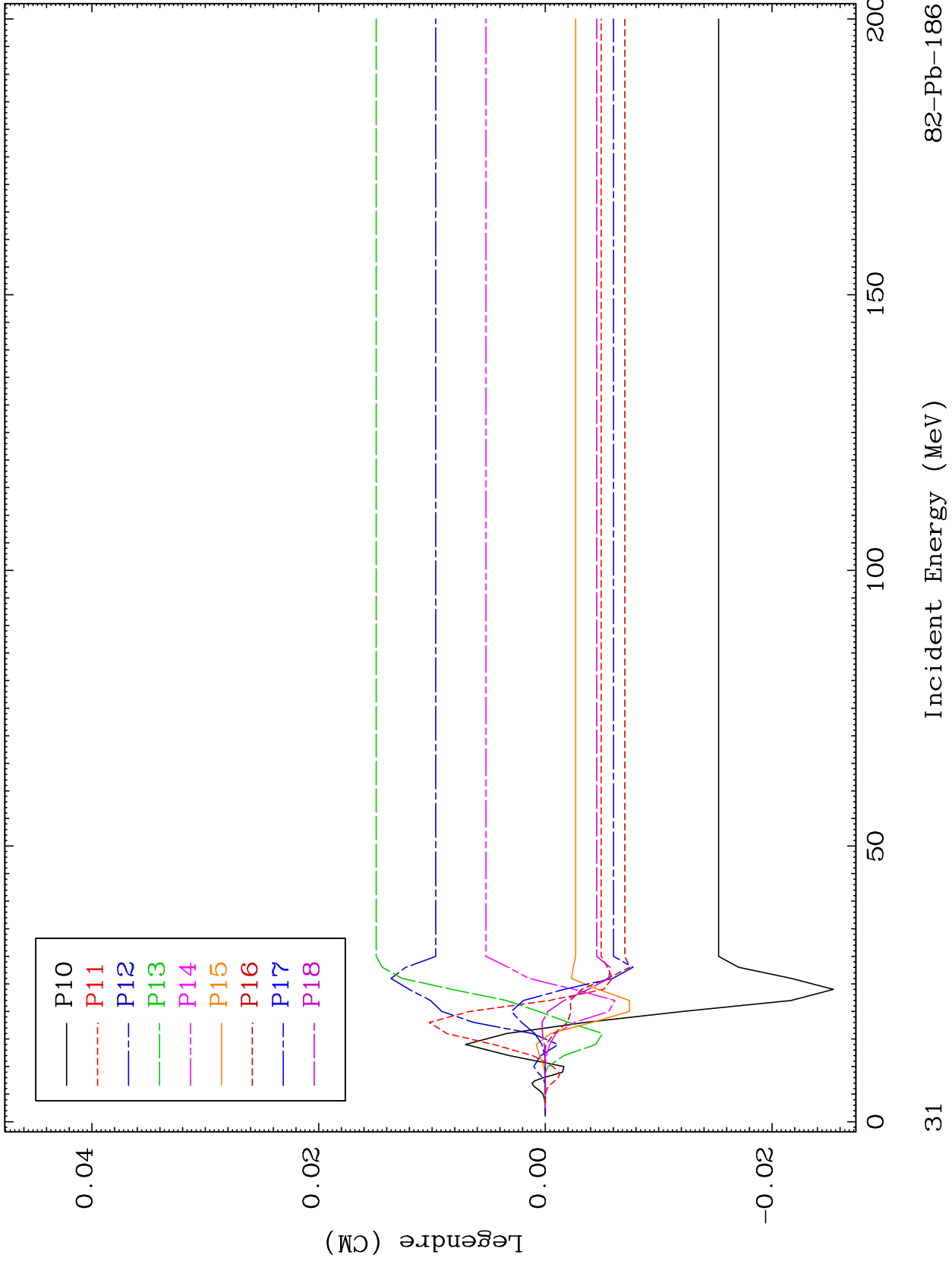
Legendre Coefficients



MAT 8171

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

82-Pb-186



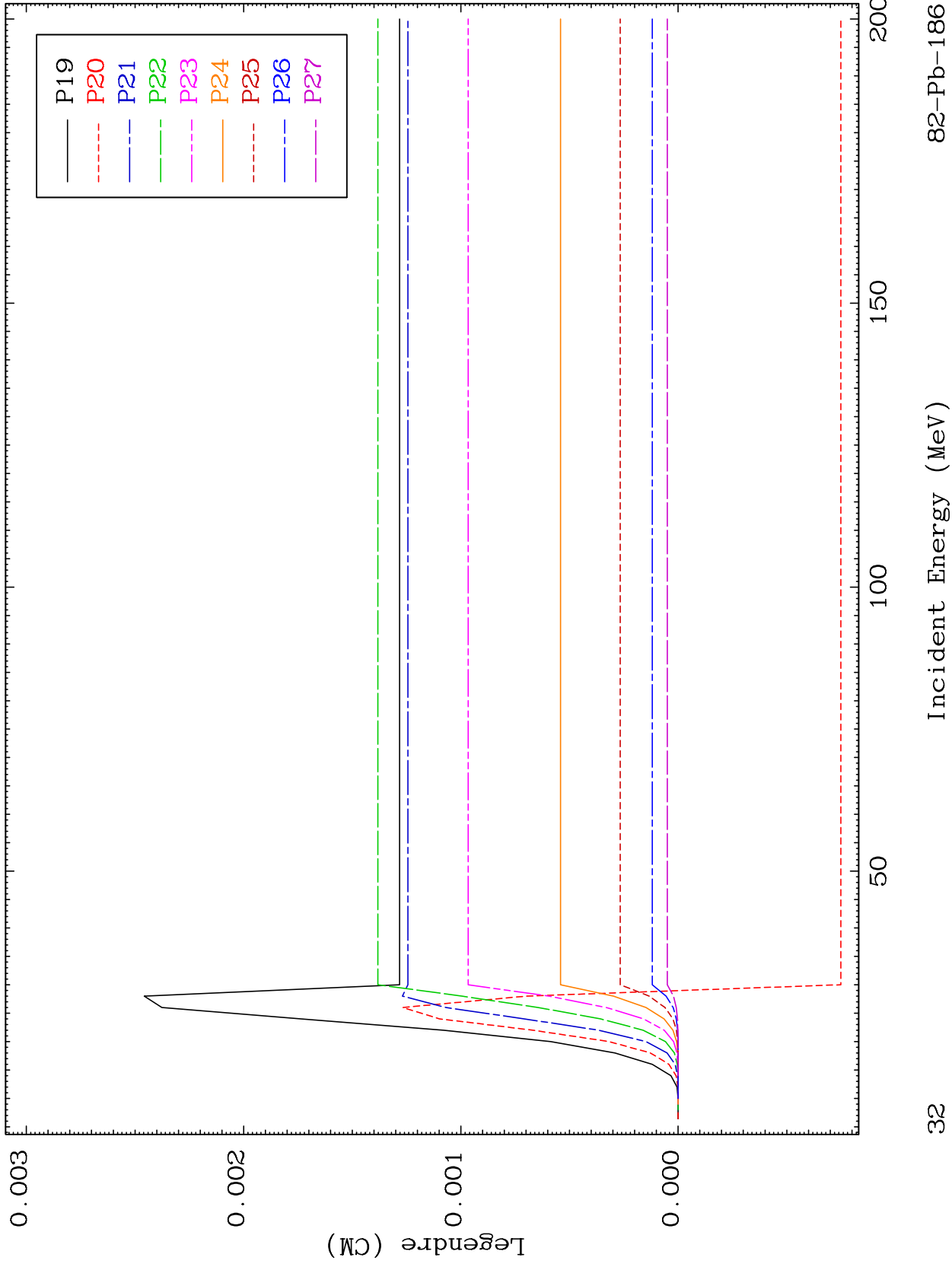
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82-Pb-186

MAT 8171

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

82-Pb-186



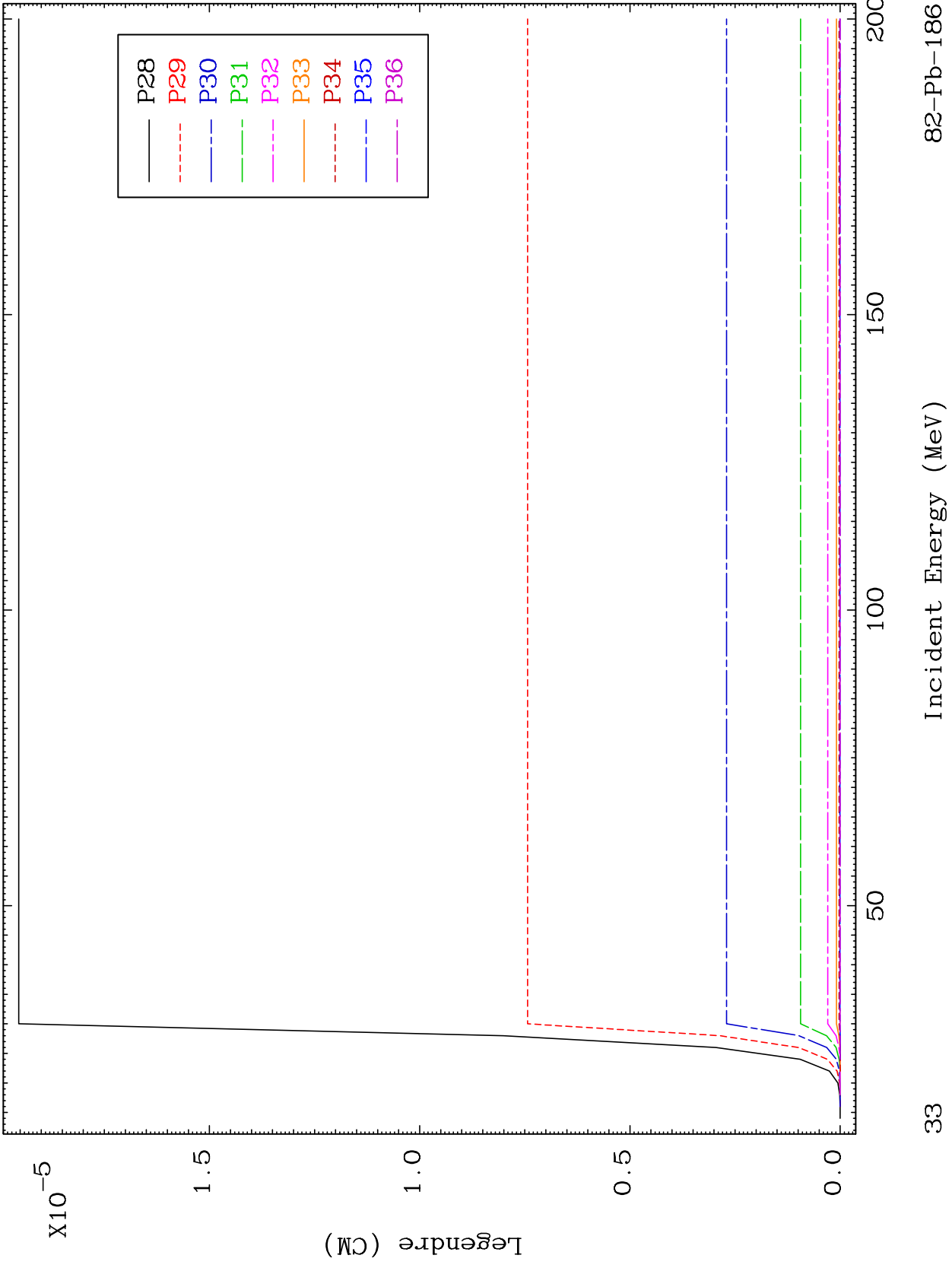
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82-Pb-186

MAT 8171

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

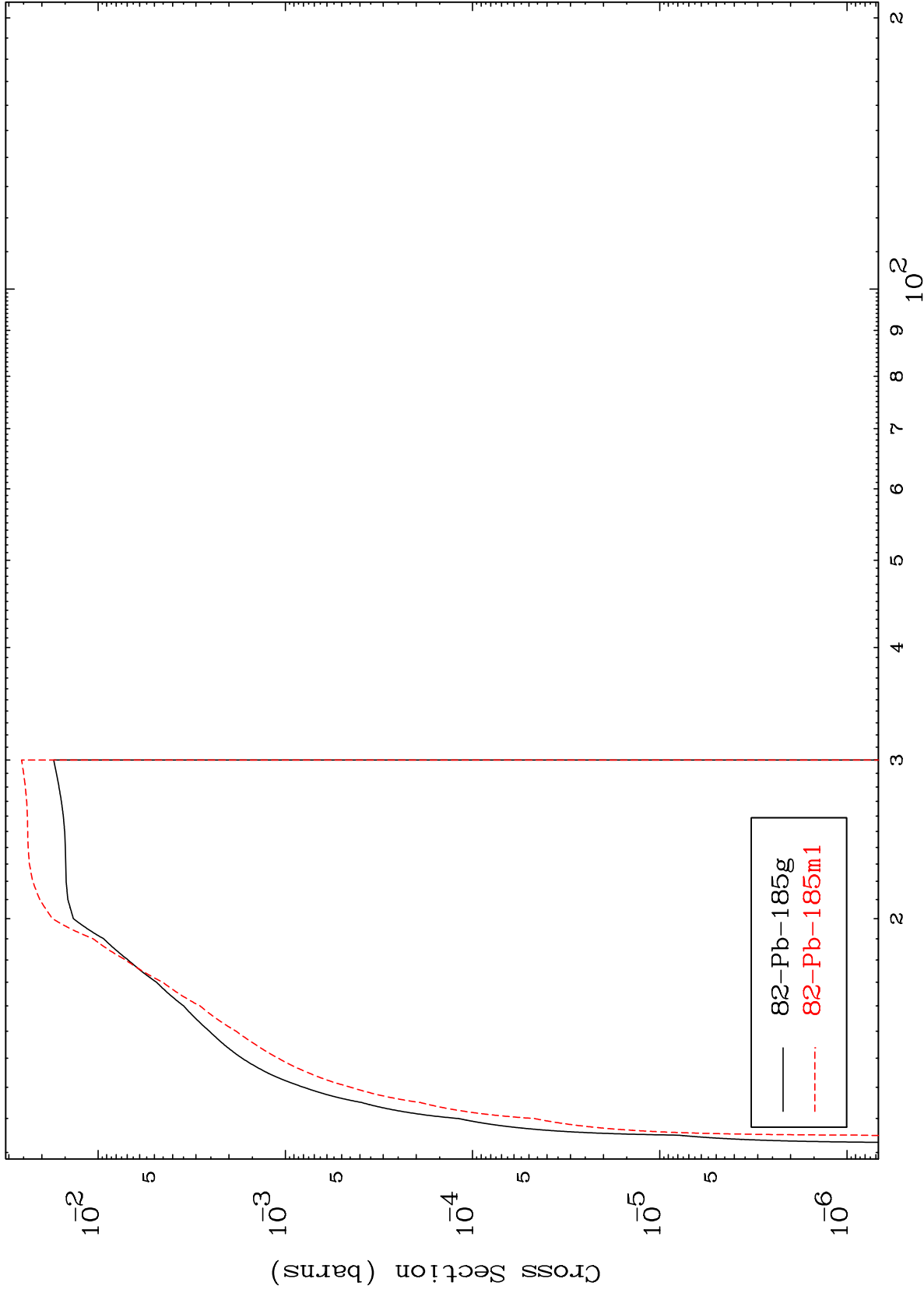
82-Pb-186



33

82-Pb-186

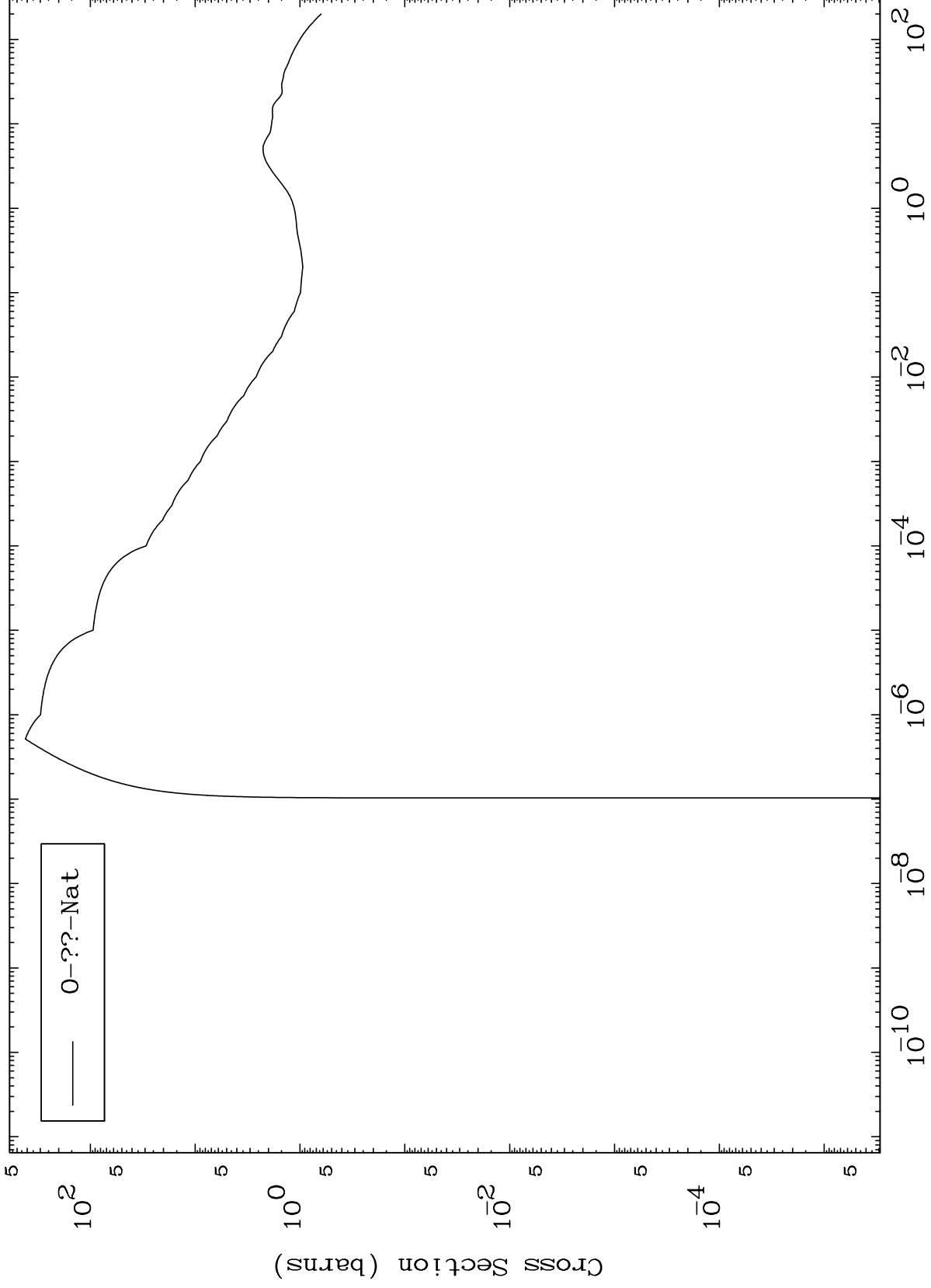
(n,2n)
Radionuclide Production Cross Section



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82-Pb-186

Fission
Radionuclide Production Cross Section



35

82-Pb-186

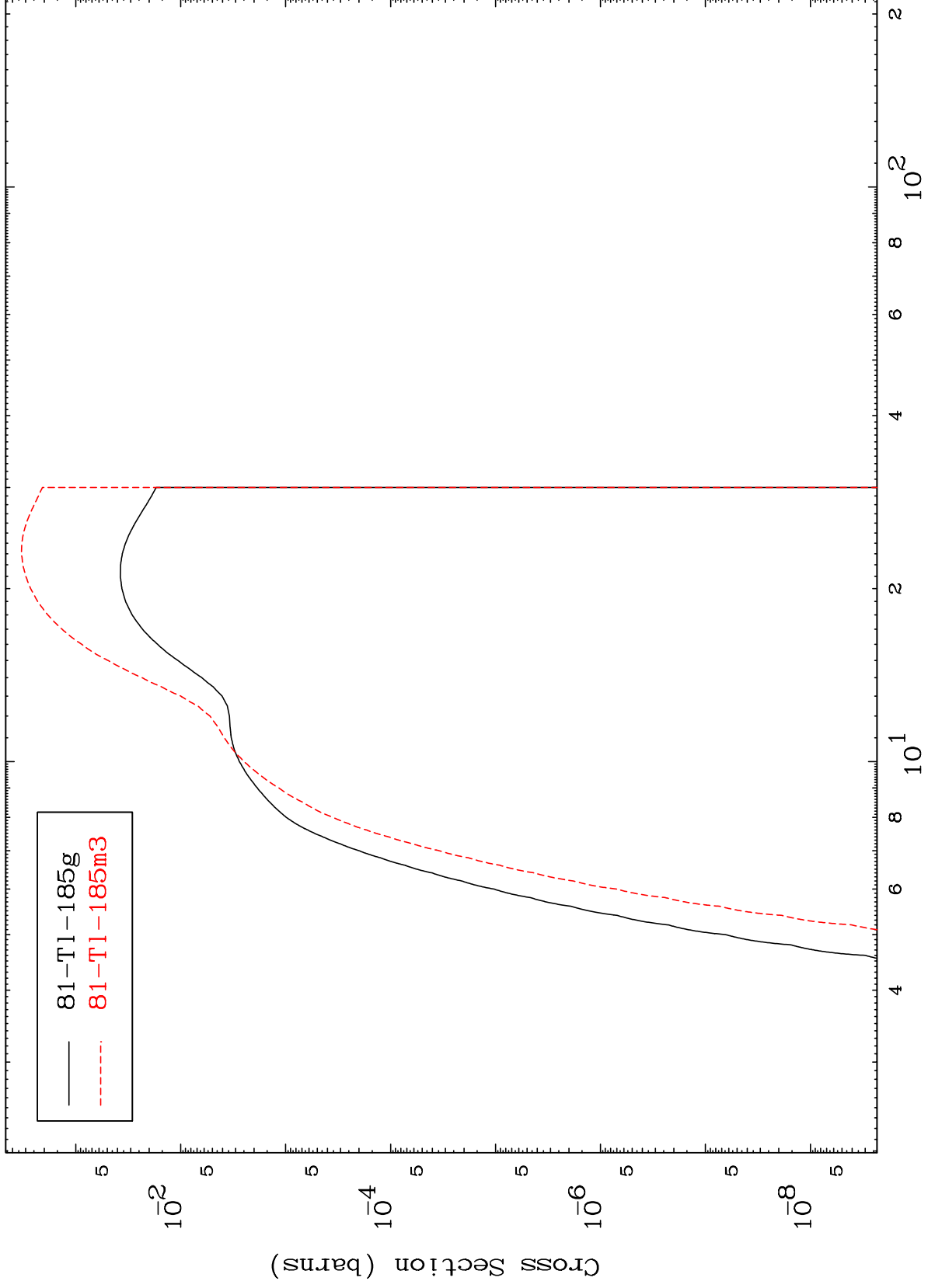
Incident Energy (MeV)

MAT 8171

(n,n') p

82-Pb-186

Radionuclide Production Cross Section



36

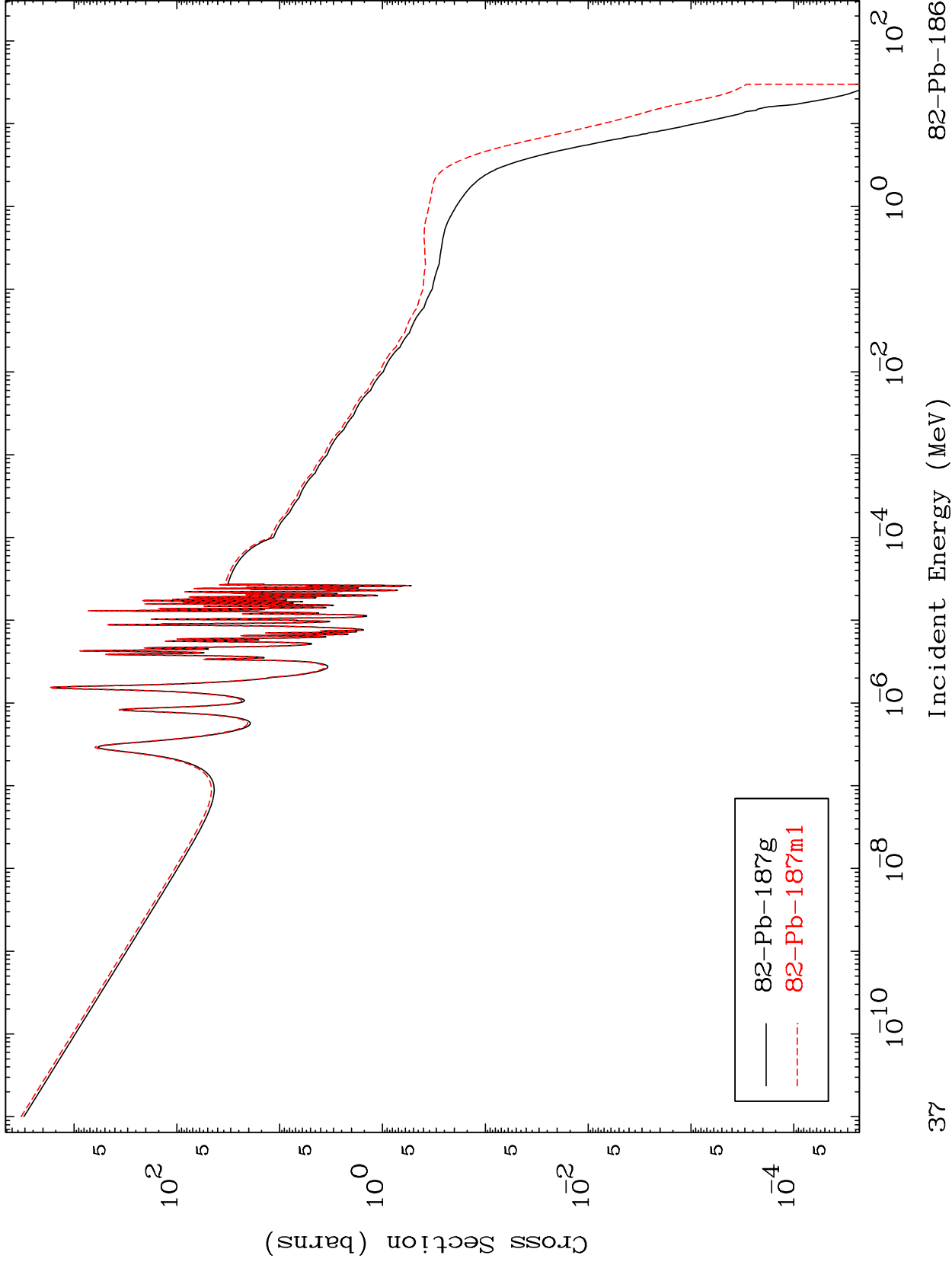
Incident Energy (MeV)

82-Pb-186

MAT 8171

82-Pb-186

(n, γ)
Radionuclide Production Cross Section

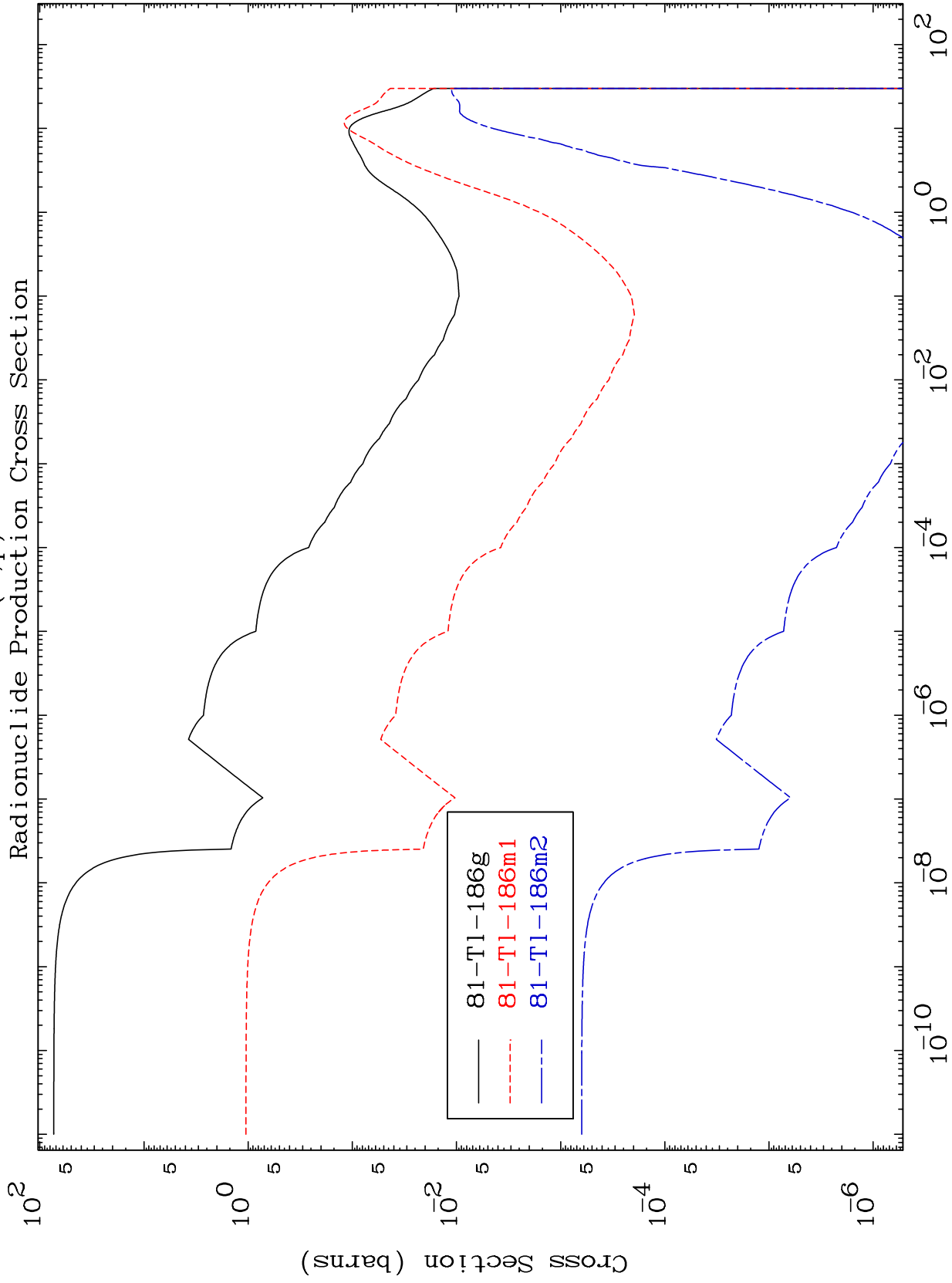


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82-Pb-186

Radionuclide Production Cross Section

(n,p)



82-Pb-186

Incident Energy (MeV)

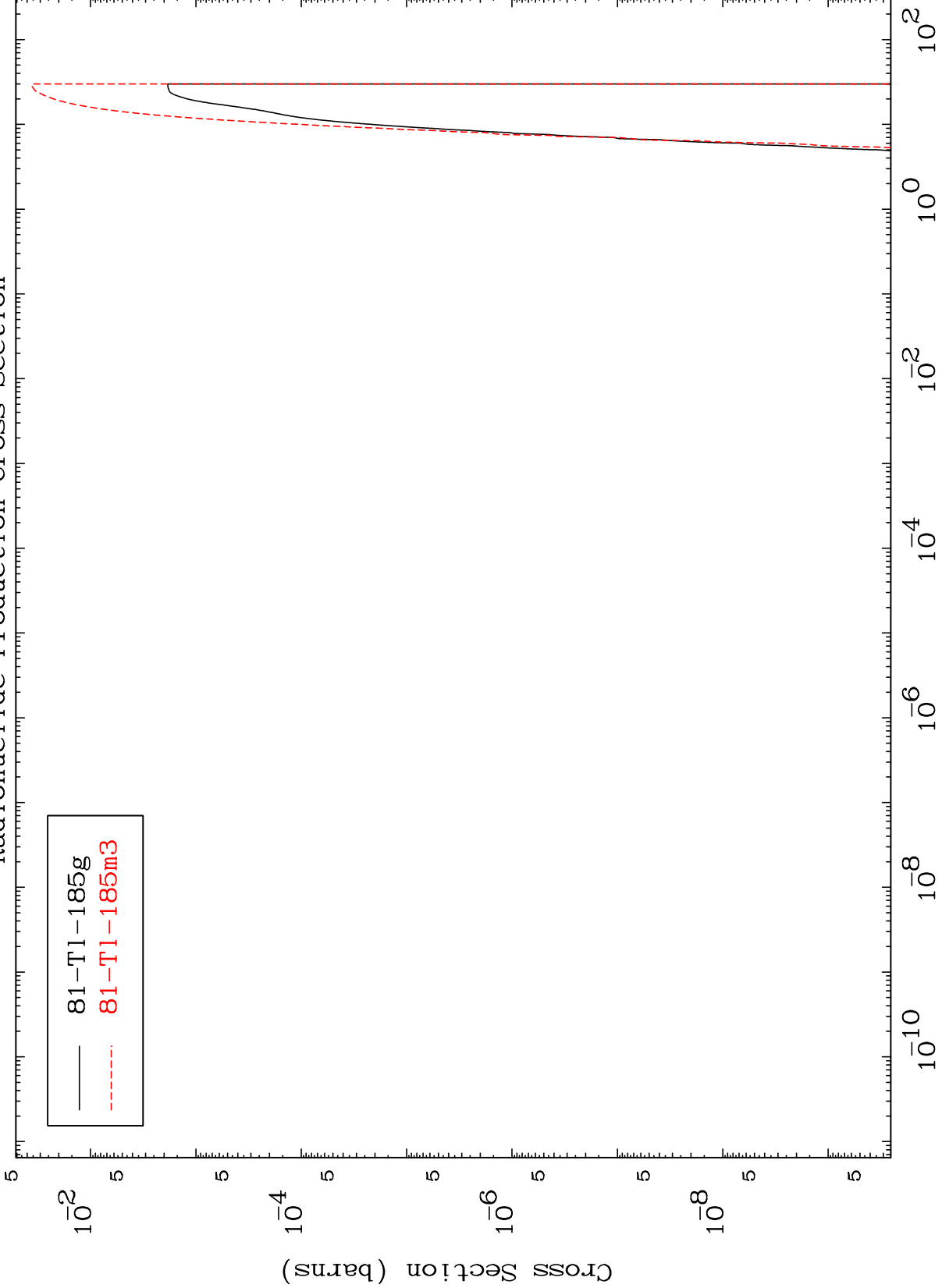
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(n,d)

82-Pb-186

Radionuclide Production Cross Section



81-Tl-185g
81-Tl-185m3

Incident Energy (MeV)

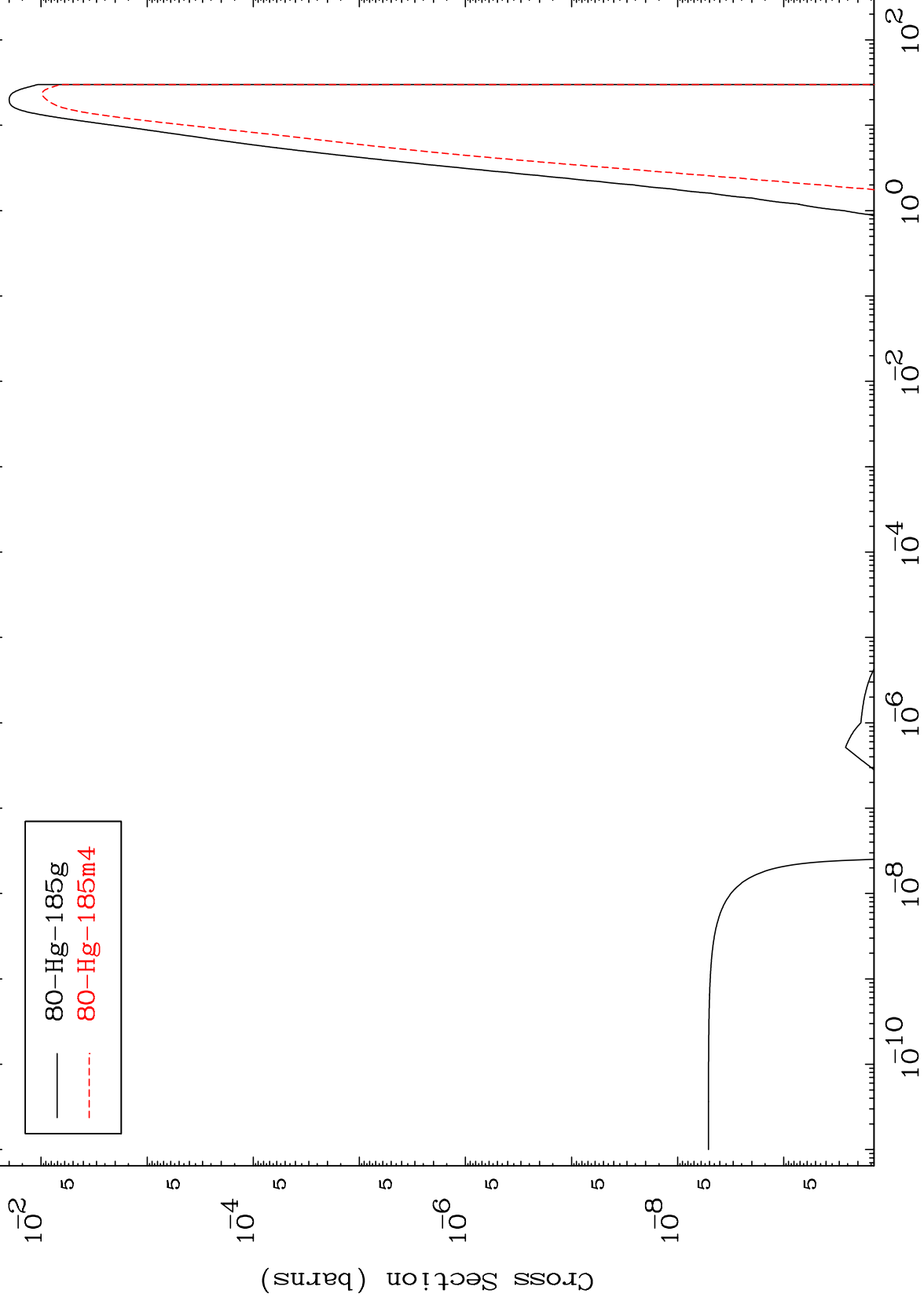
82-Pb-186

MAT 8171

(n,2p)

82-Pb-186

Radionuclide Production Cross Section



80-Hg-185g
80-Hg-185m4

40

Incident Energy (MeV)

82-Pb-186