

Program EVALPLOT
(Version 2018-1)

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

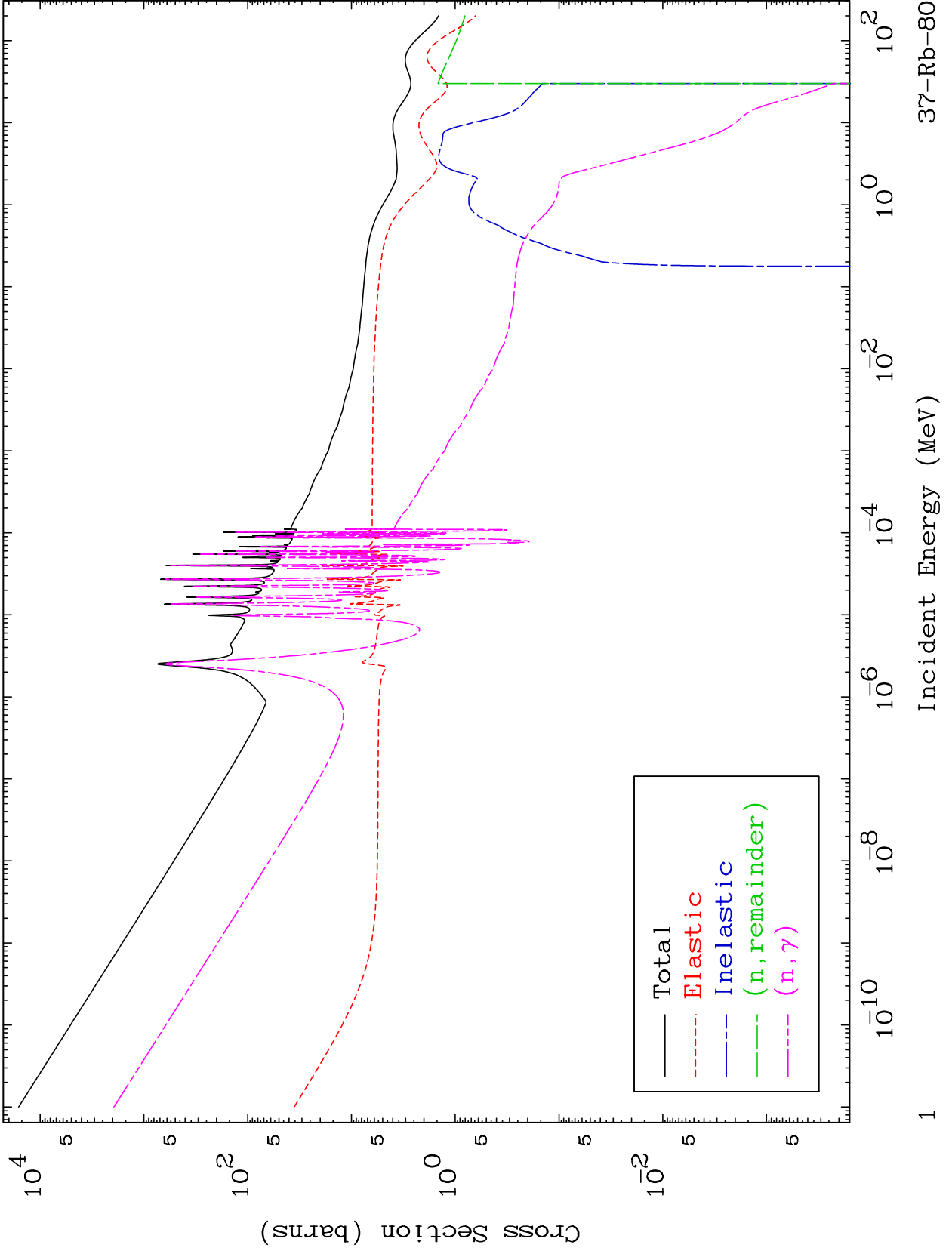
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Press Mouse Button to Start

MAT 3710

Major
293 Kelvin Cross Sections

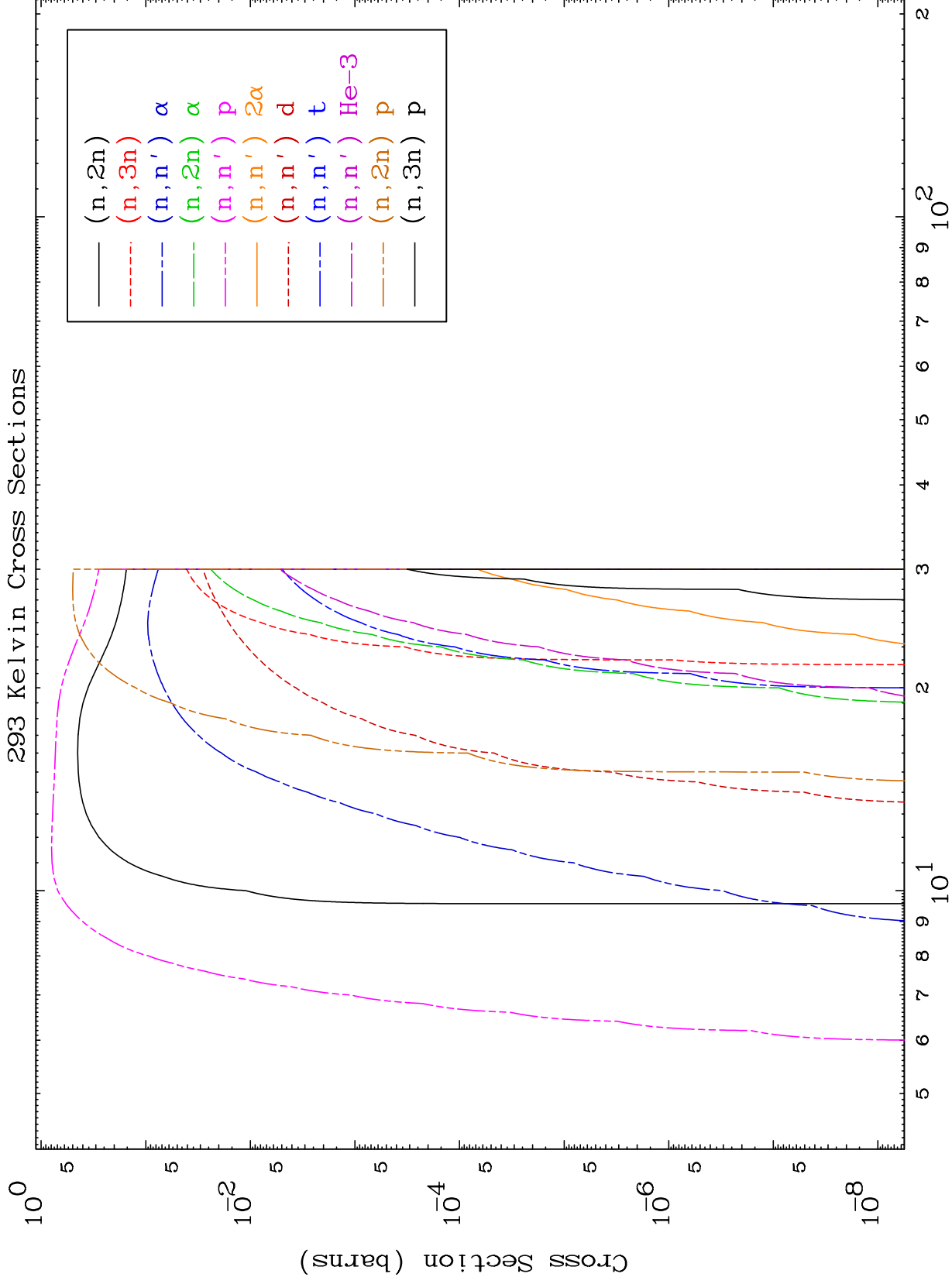
37-Rb-80



MAT 3710

Neutron Production
293 Kelvin Cross Sections

37-Rb-80



2

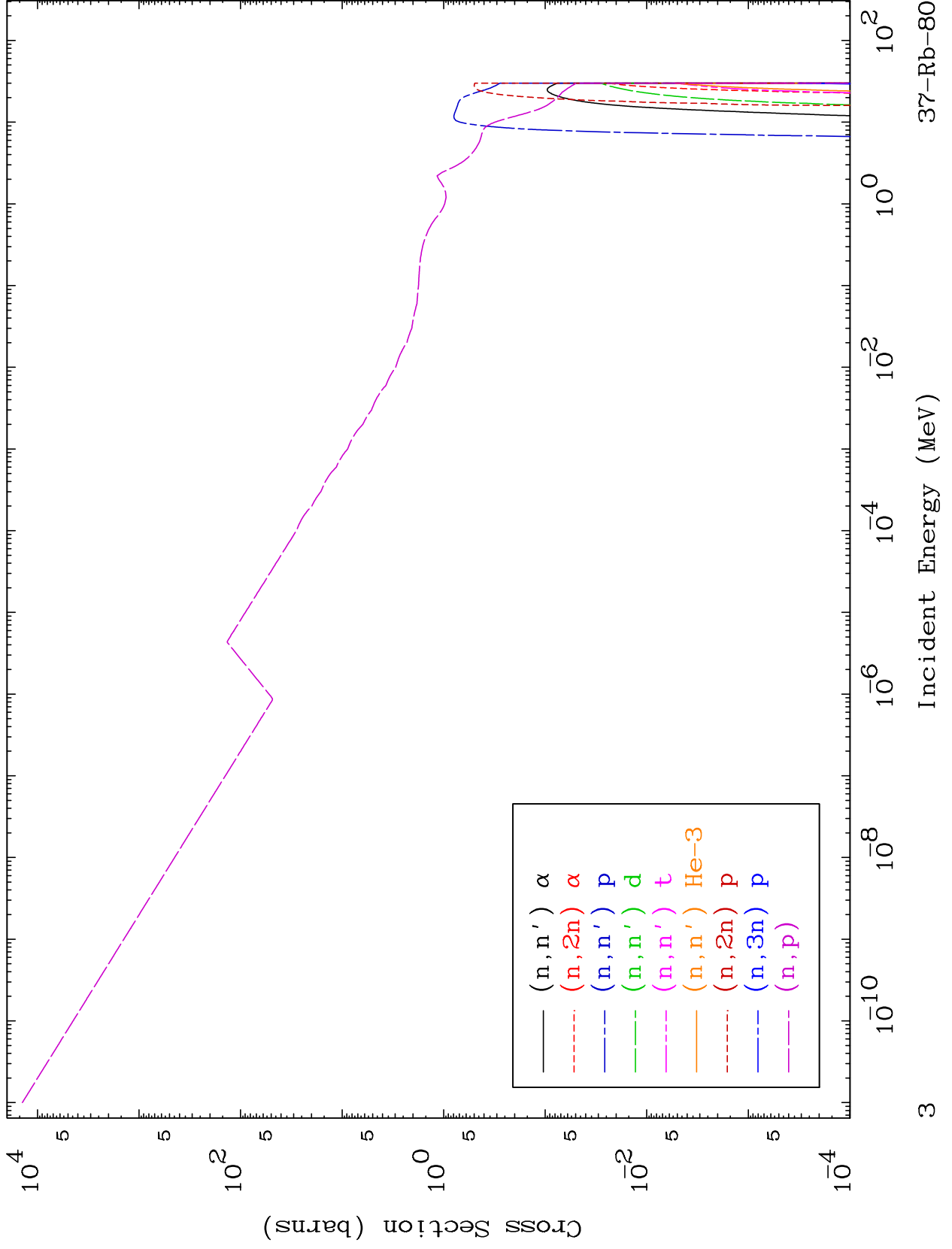
Incident Energy (MeV)

37-Rb-80

MAT 3710

Charged Particle
293 Kelvin Cross Sections

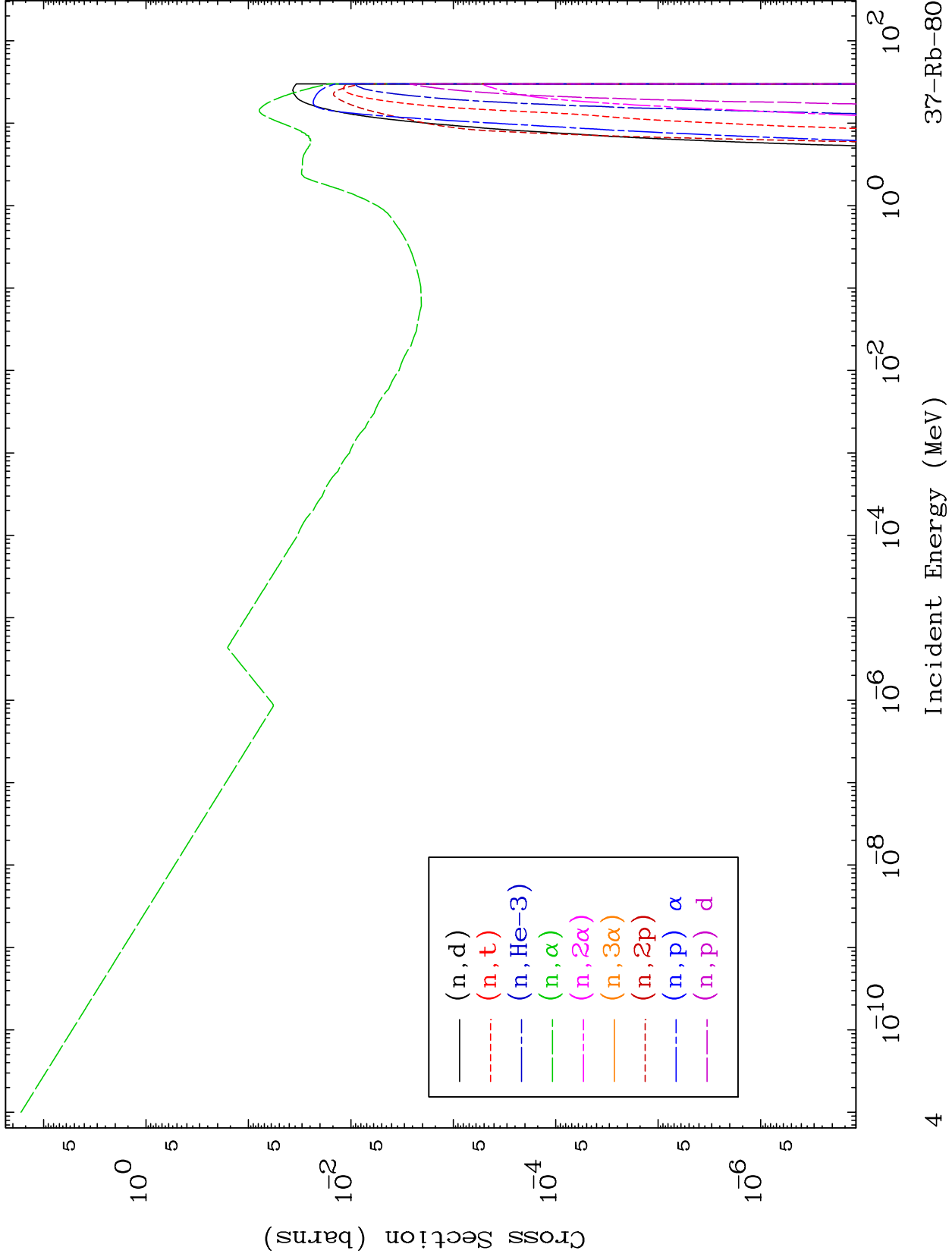
37-Rb-80



MAT 3710

Charged Particle
293 Kelvin Cross Sections

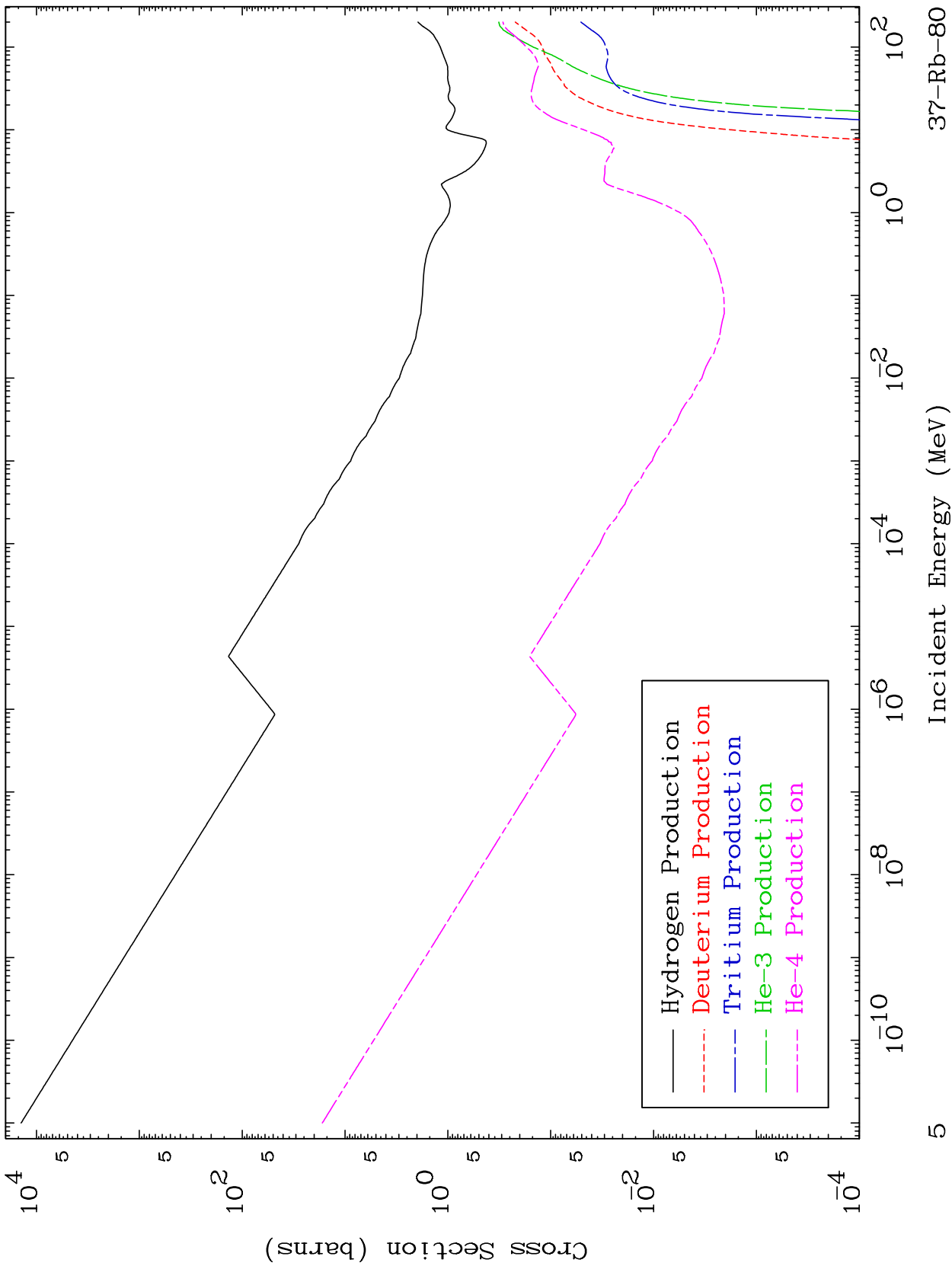
37-Rb-80



MAT 3710

Particle Production
293 Kelvin Cross Sections

37-Rb-80

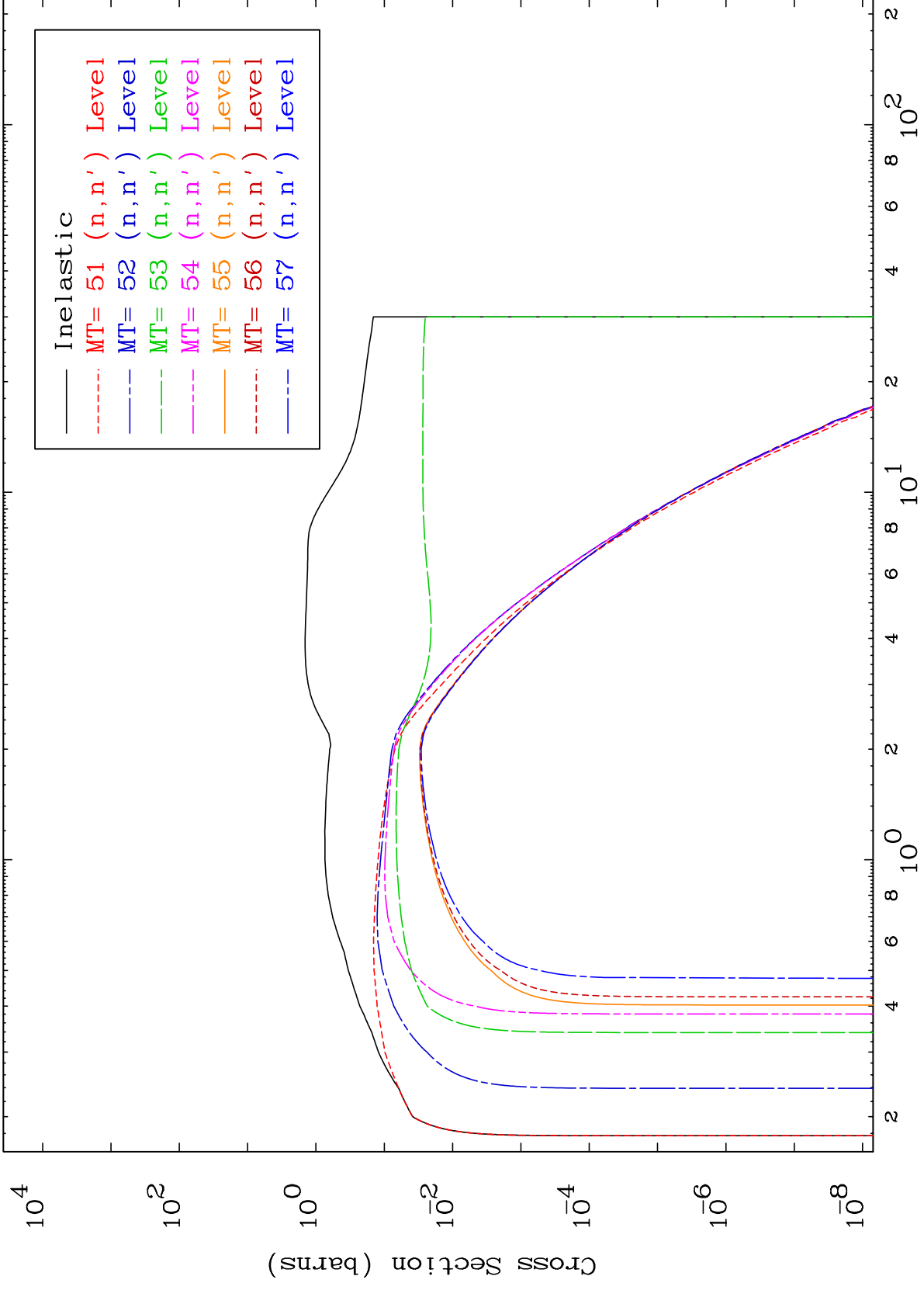


MAT 3710

(n,n') Level

37-Rb-80

293 Kelvin Cross Sections



6

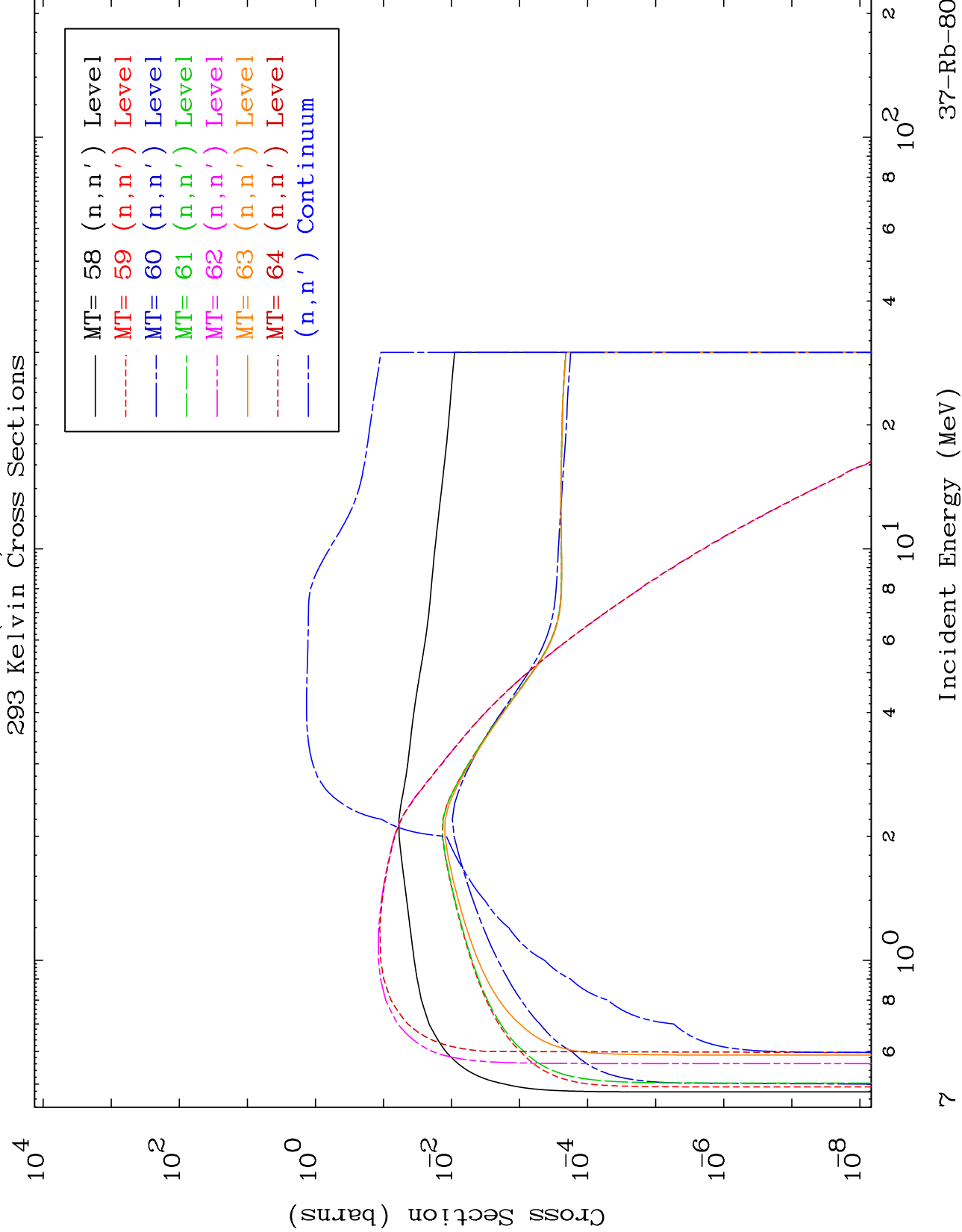
Incident Energy (MeV)

37-Rb-80

MAT 3710

(n,n') Level

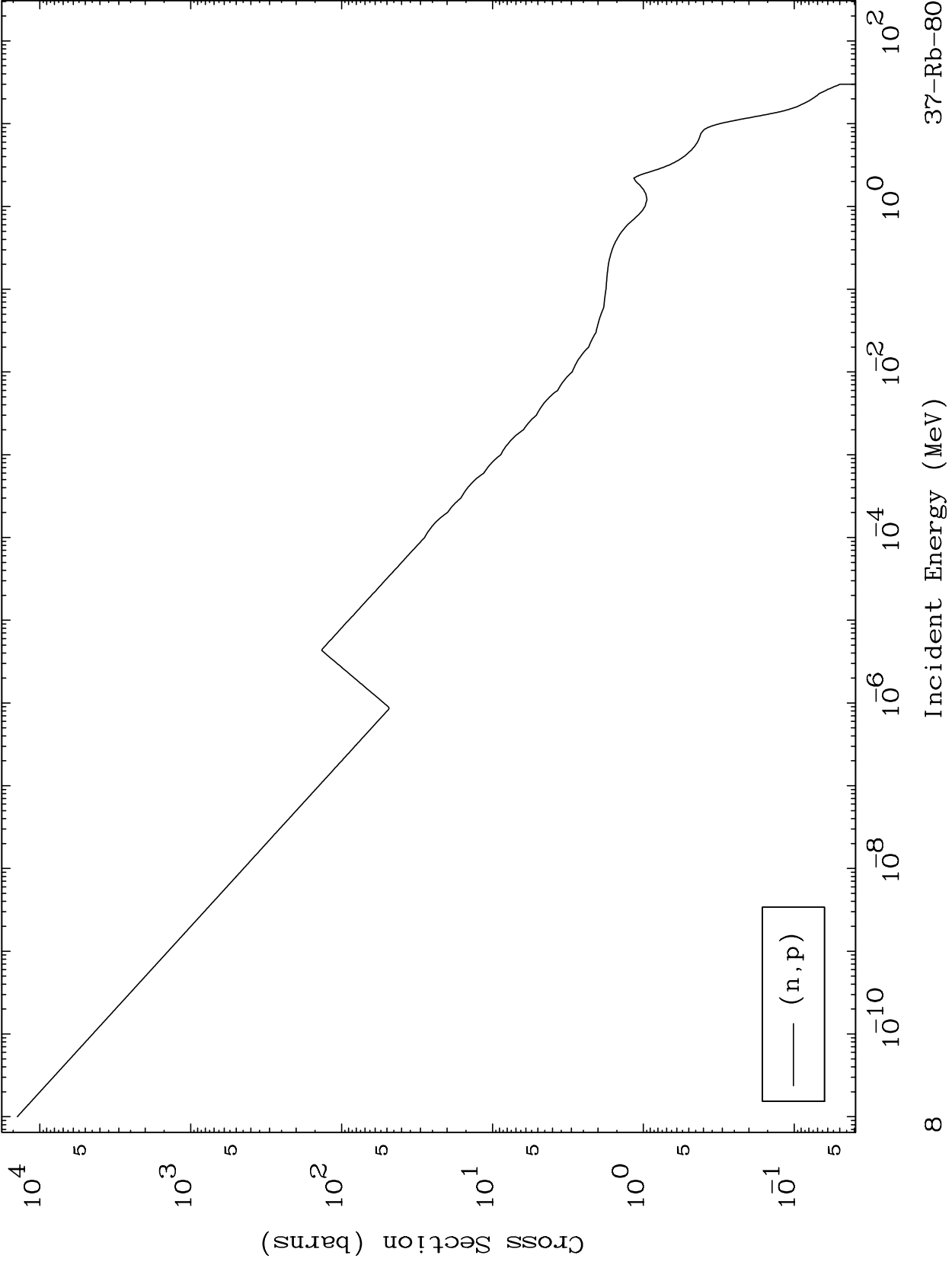
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MAT 3710

(n,p) Levels
293 Kelvin Cross Sections

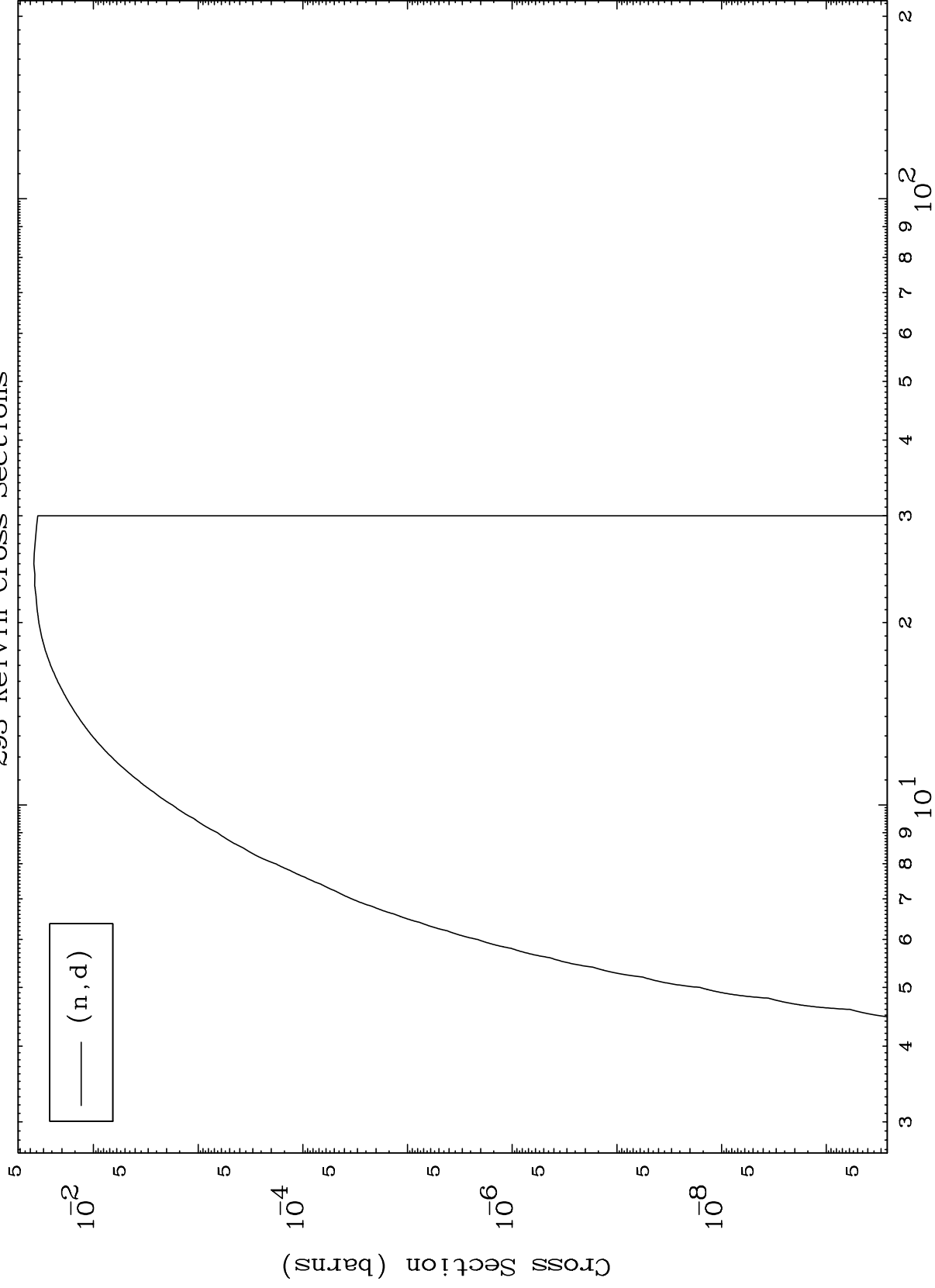
37-Rb-80



MAT 3710

(n,d) Levels
293 Kelvin Cross Sections

37-Rb-80



9

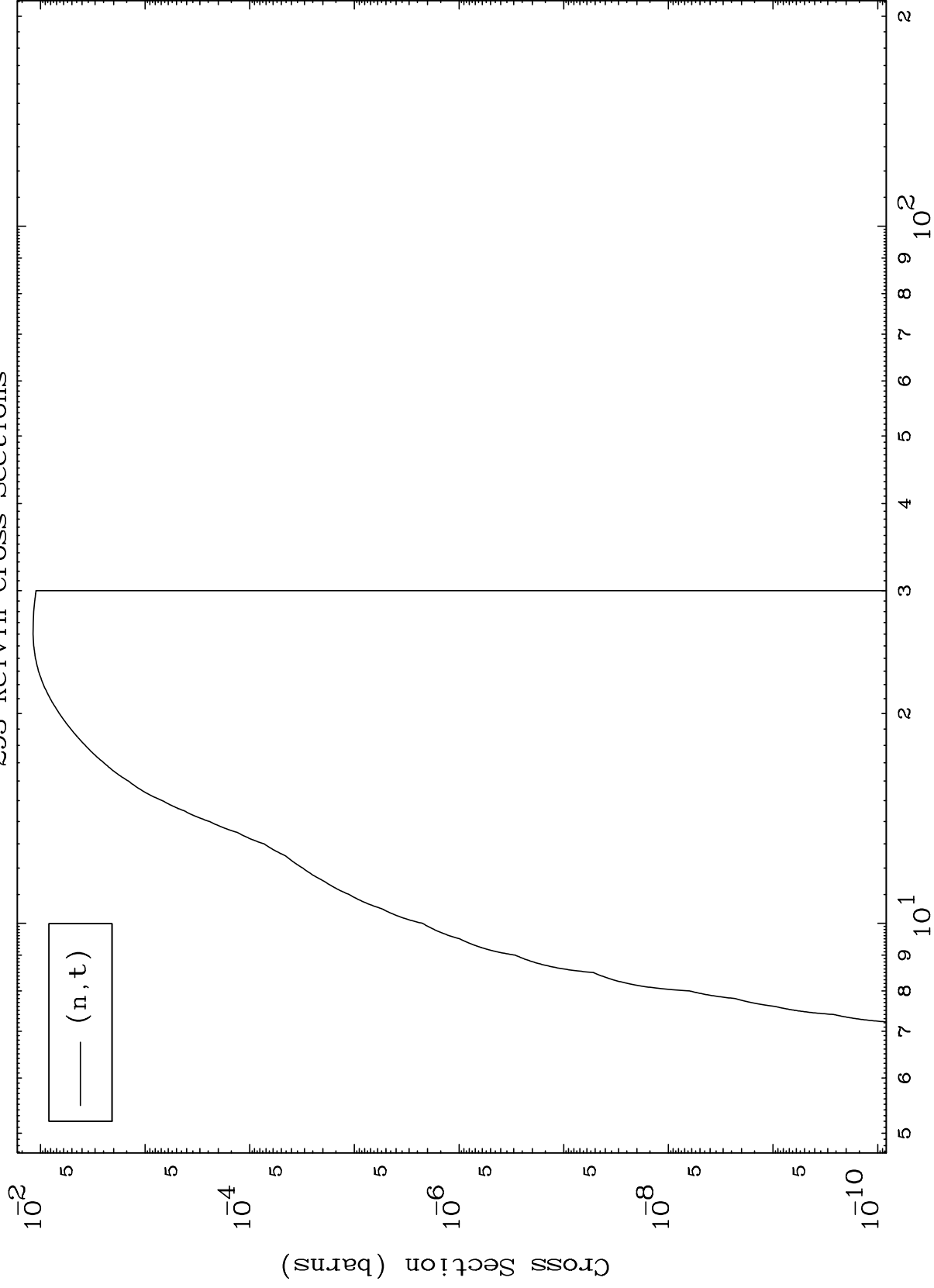
Incident Energy (MeV)

37-Rb-80

MAT 3710

(n,t) Levels
293 Kelvin Cross Sections

37-Rb-80



10

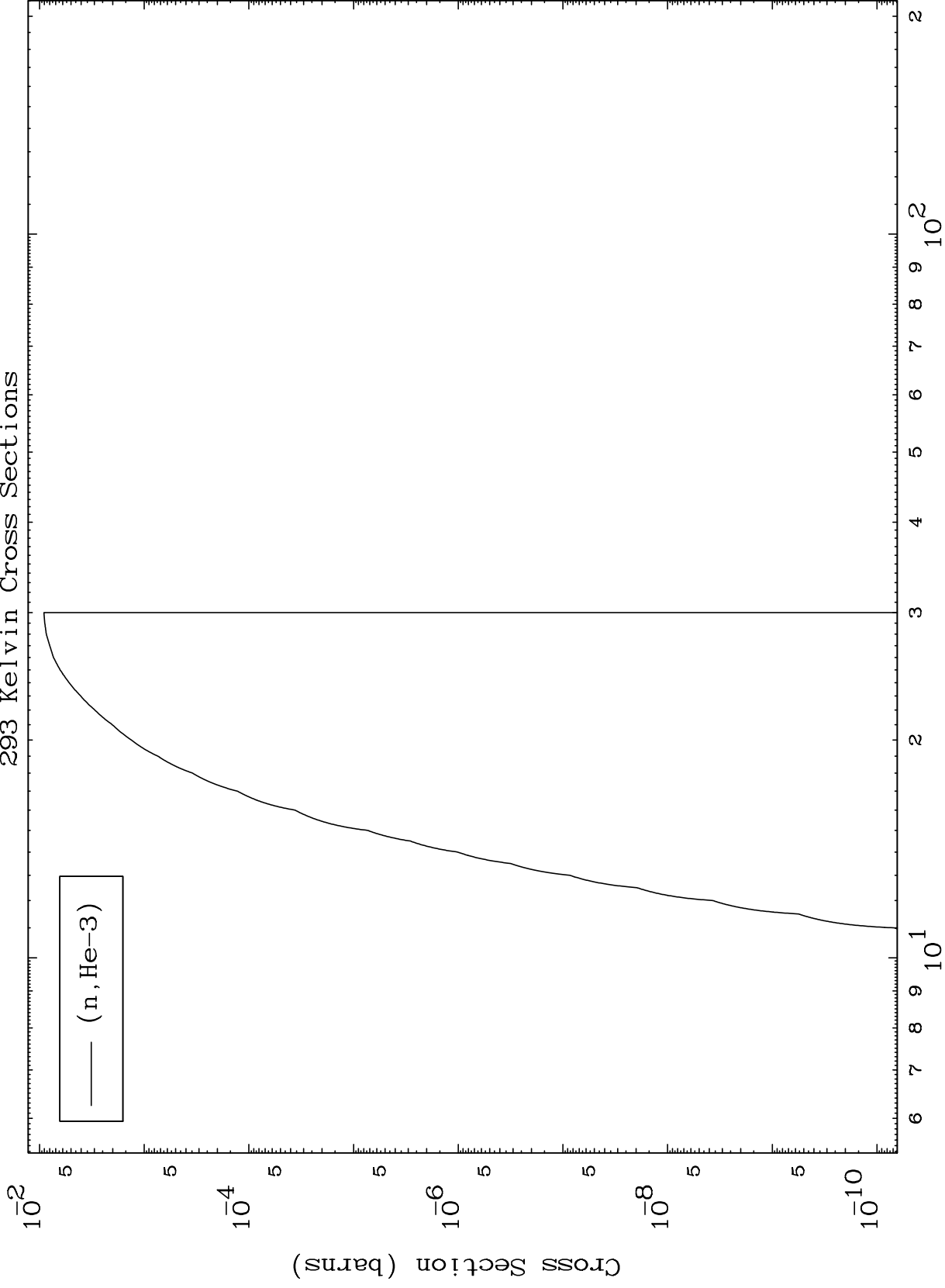
Incident Energy (MeV)

37-Rb-80

MAT 3710

(n,He3) Levels
293 Kelvin Cross Sections

37-Rb-80



11

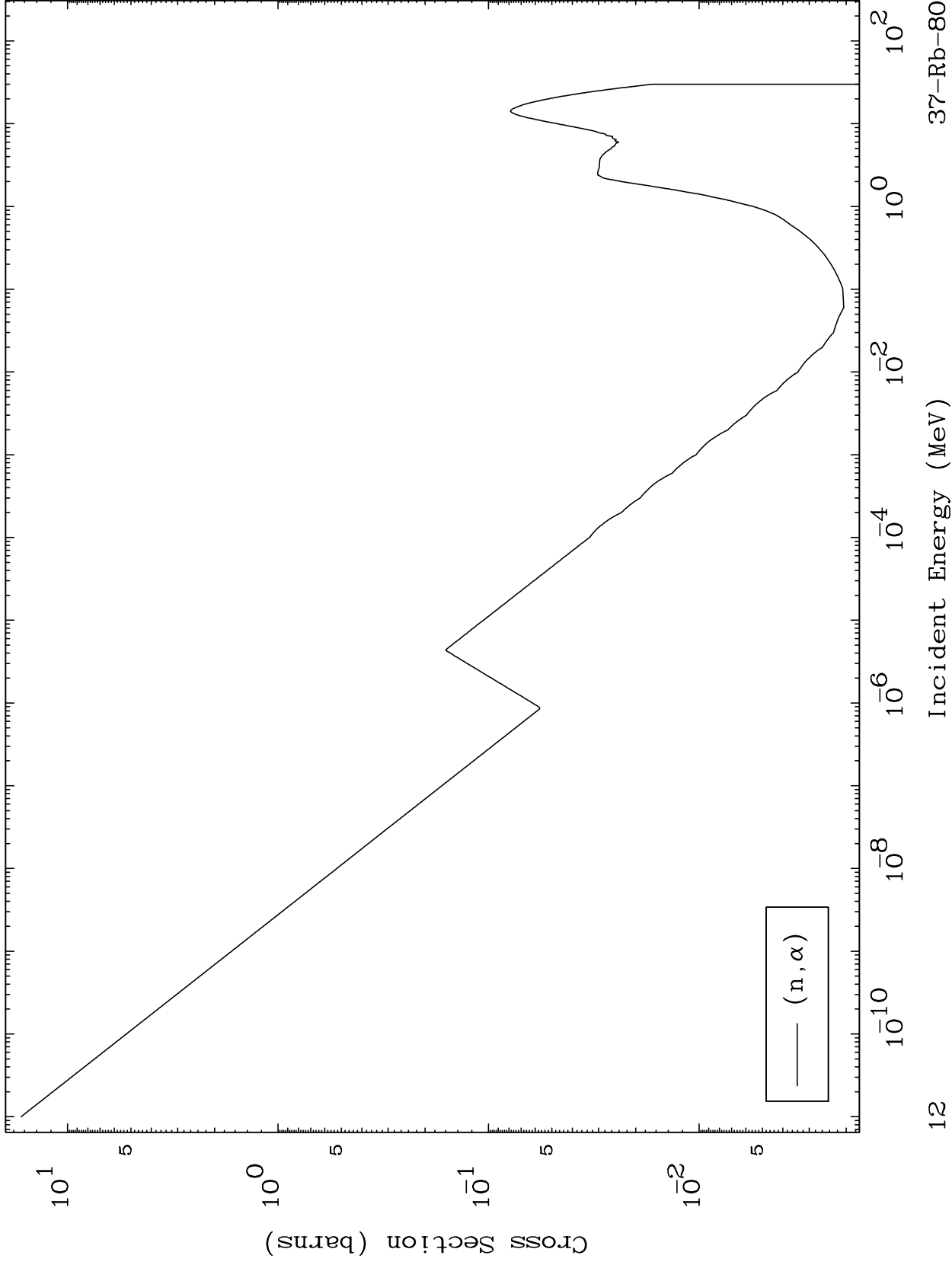
Incident Energy (MeV)

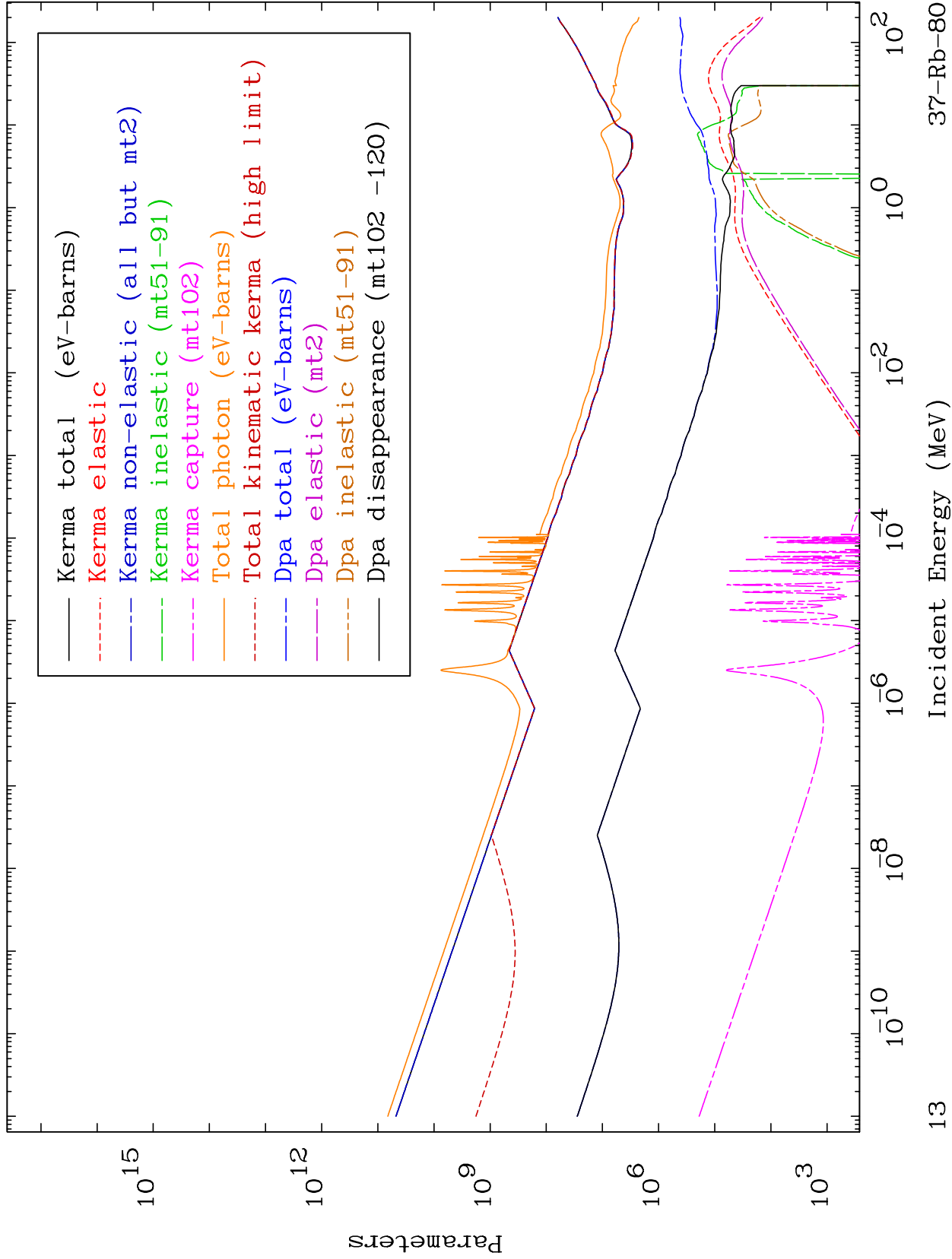
37-Rb-80

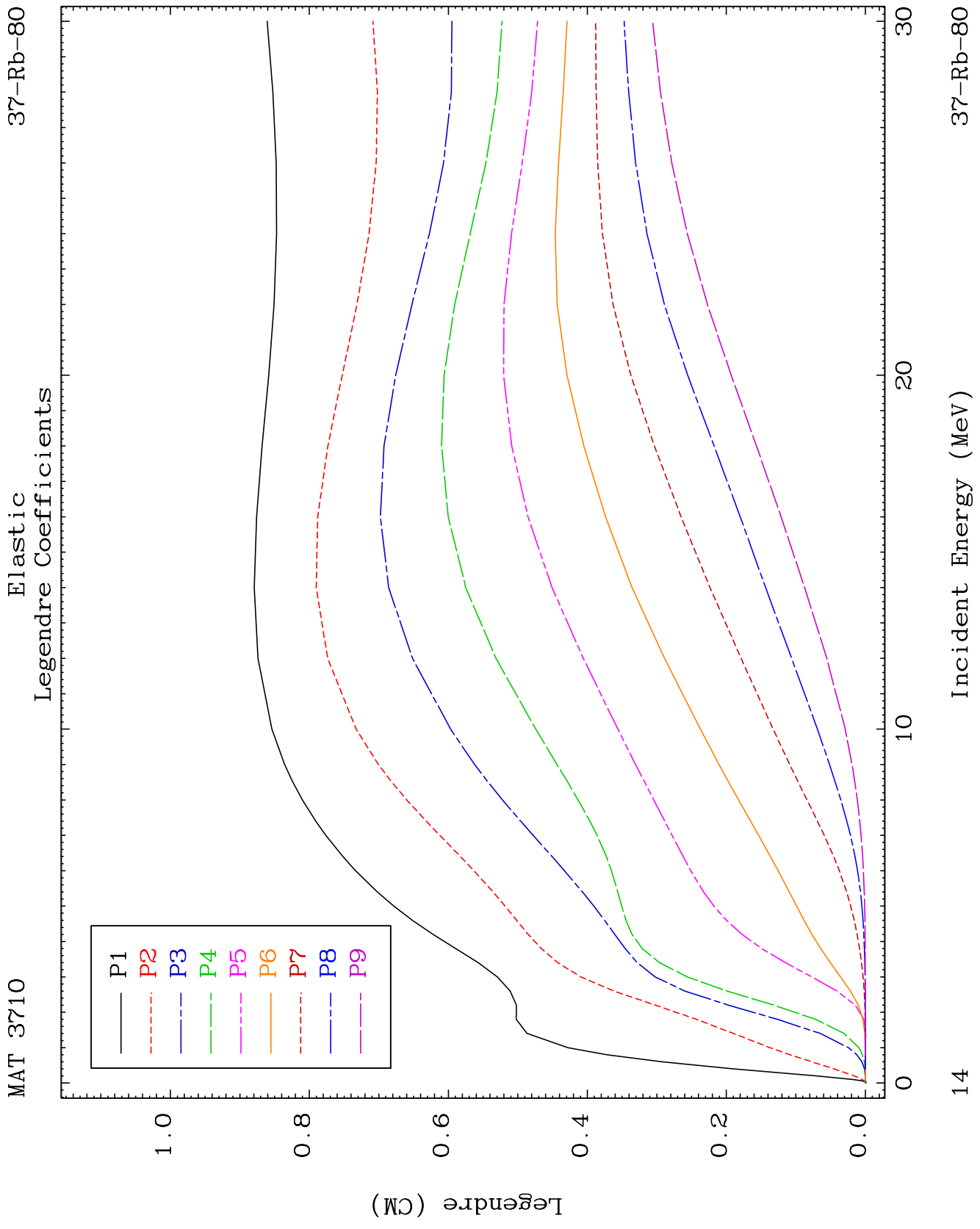
MAT 3710

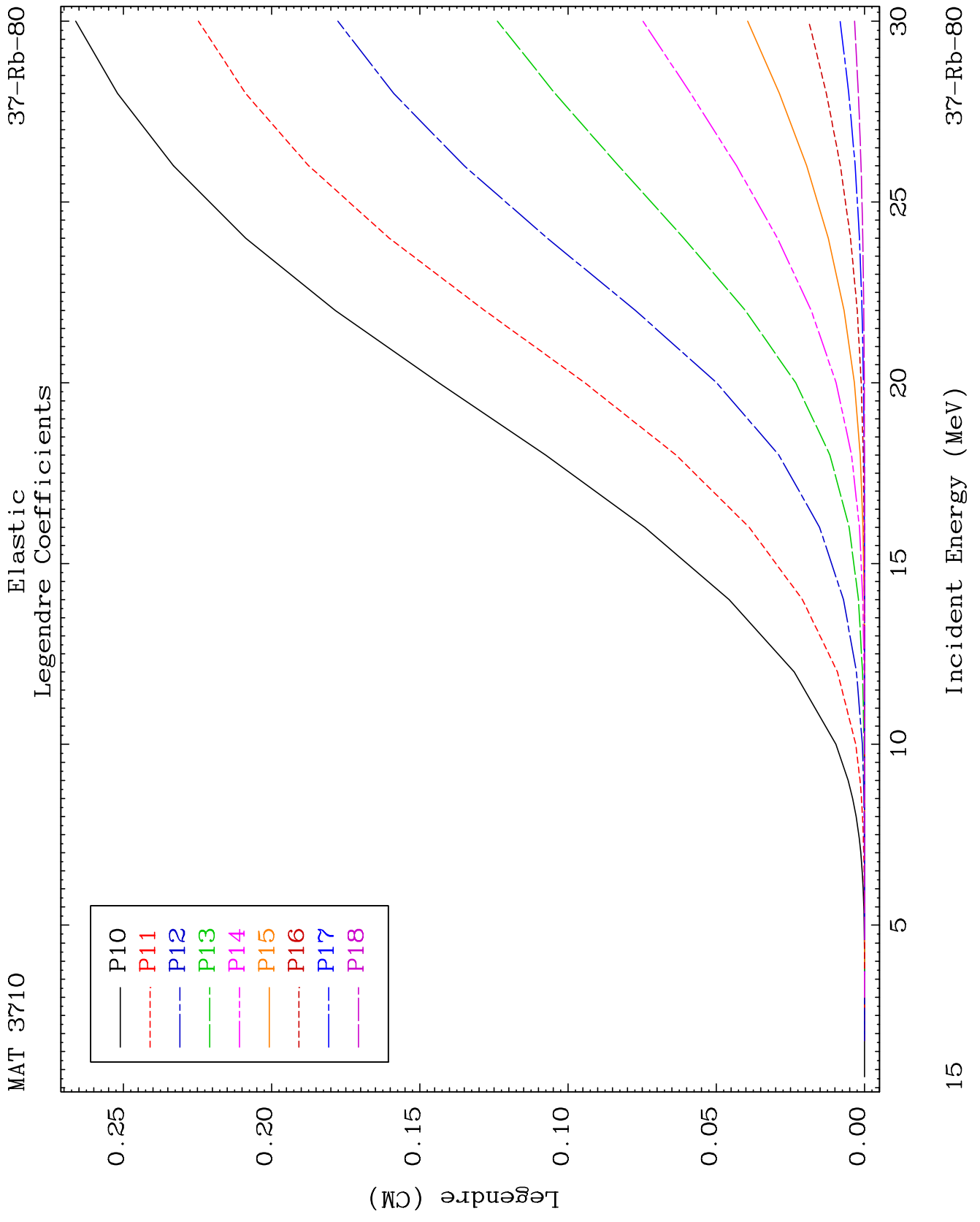
(n,α) Levels
293 Kelvin Cross Sections

37-Rb-80





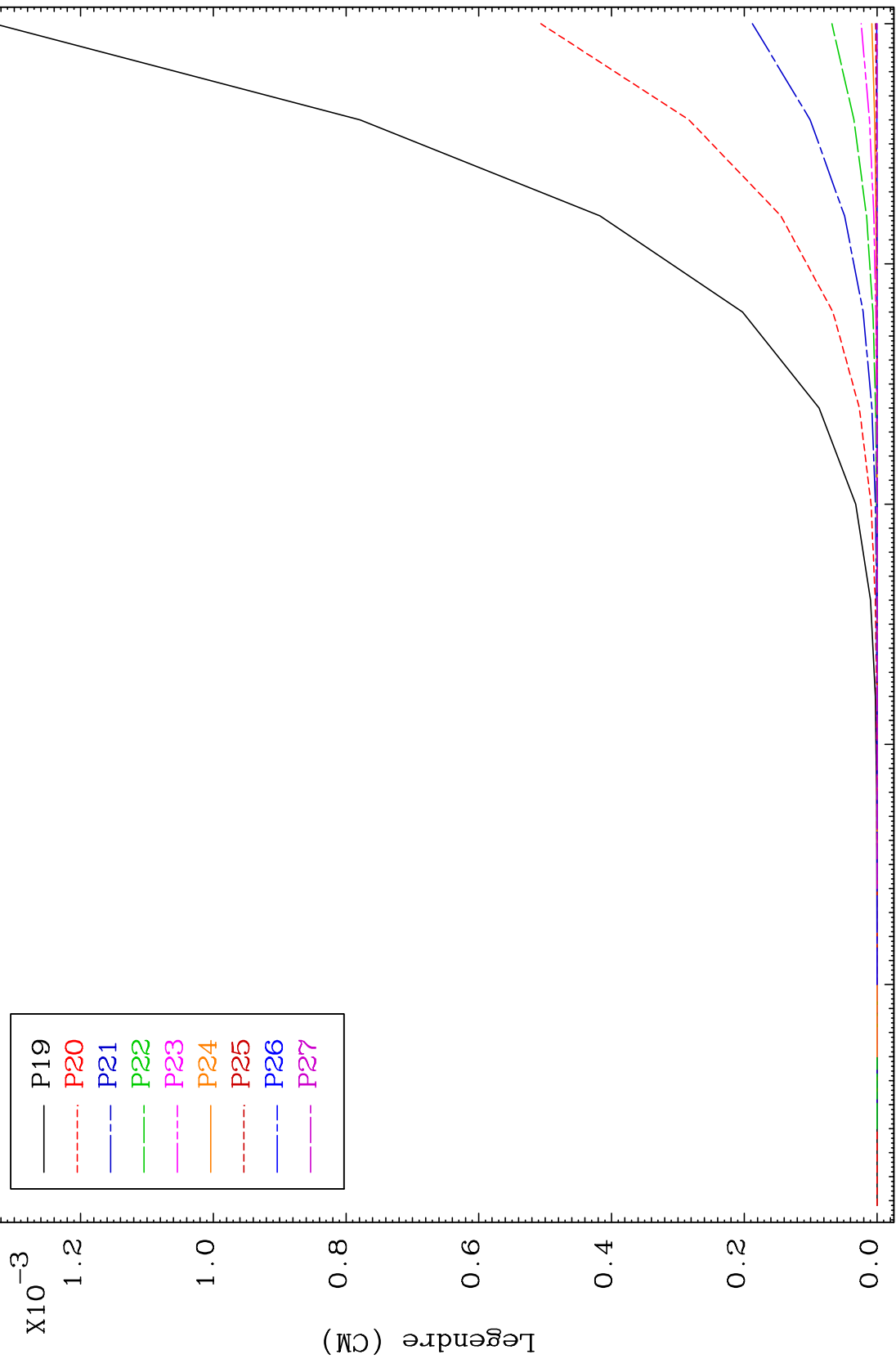
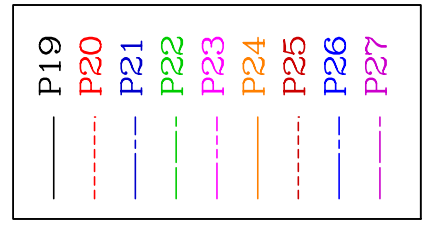




MAT 3710

Elastic Legendre Coefficients

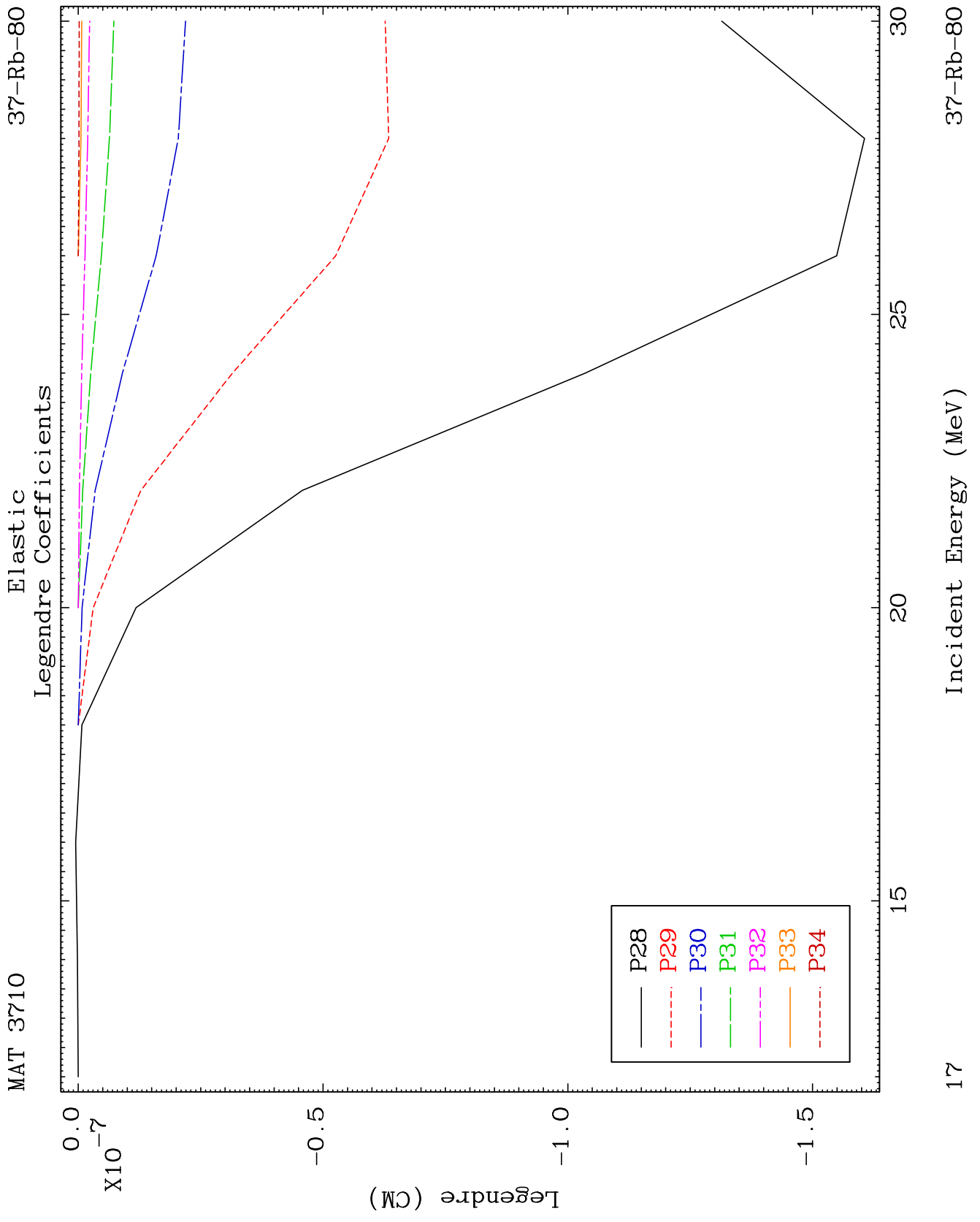
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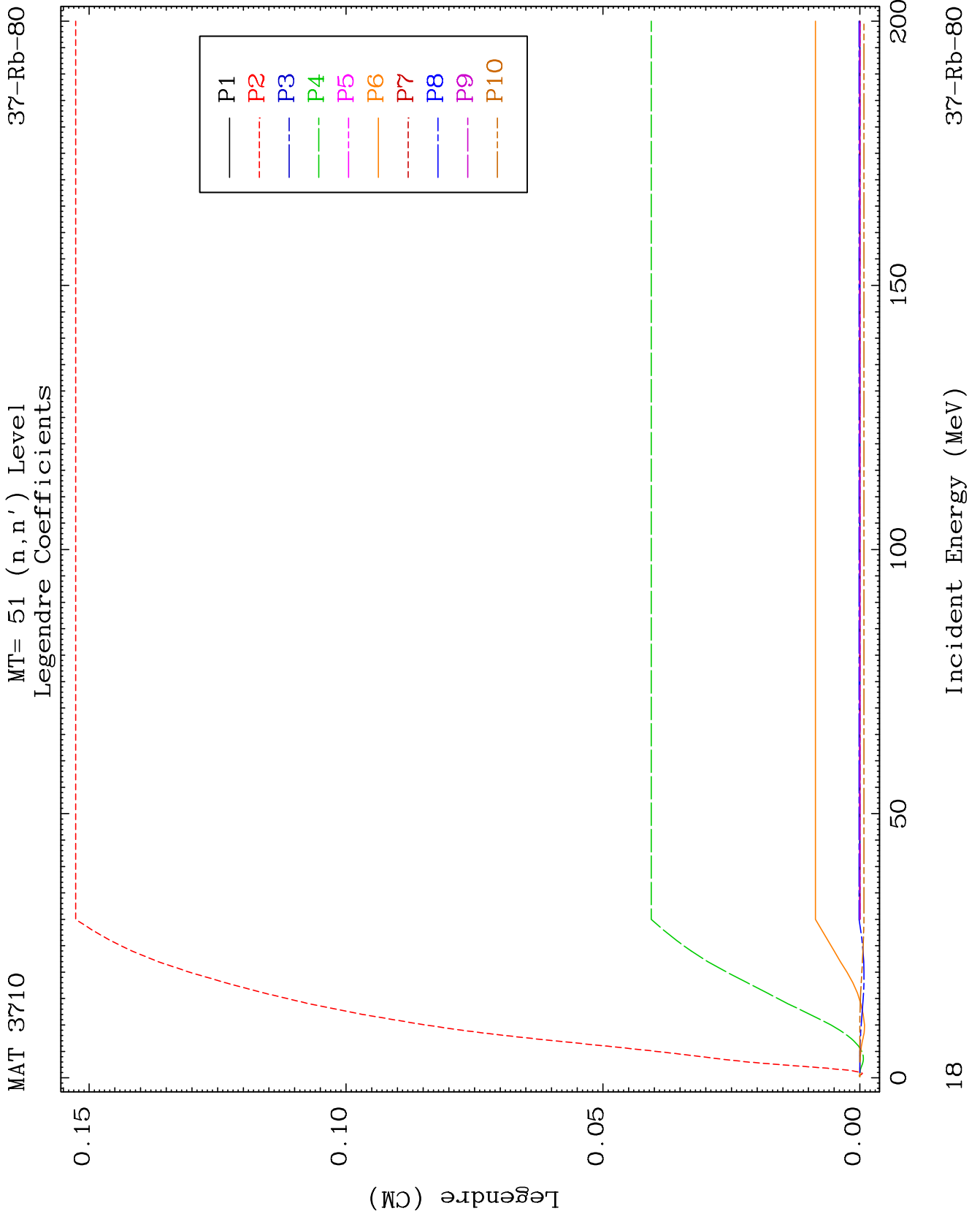


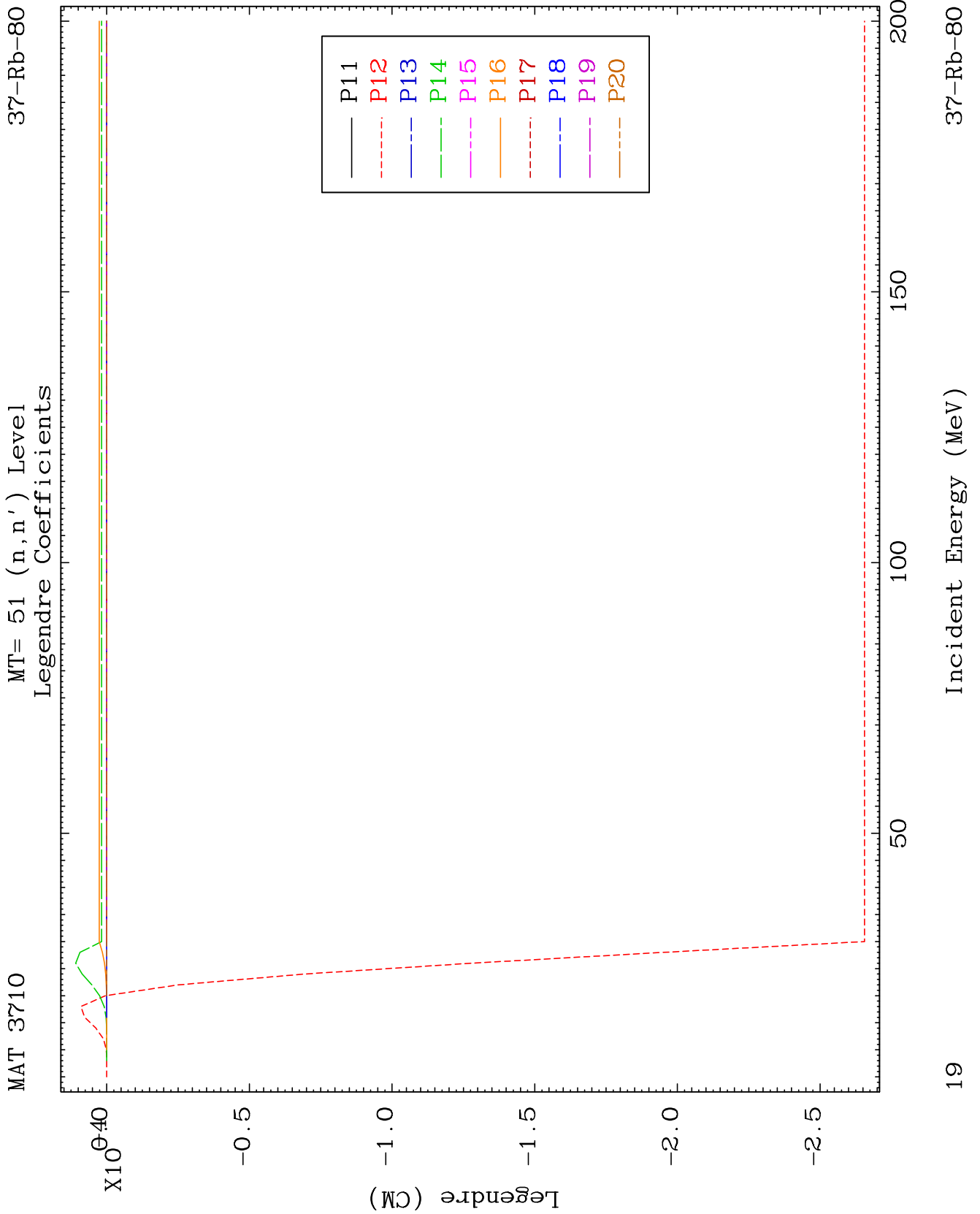
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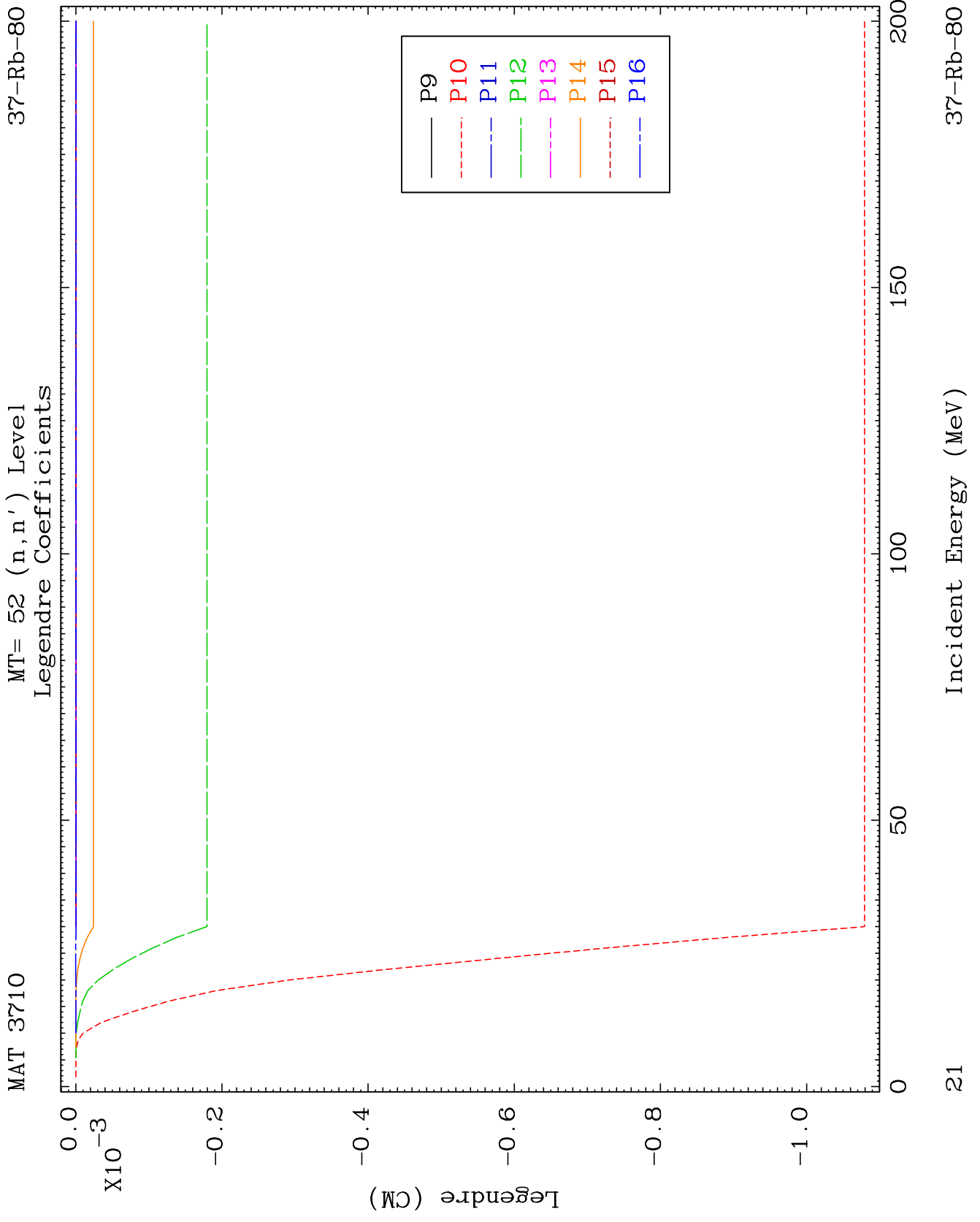
Incident Energy (MeV)

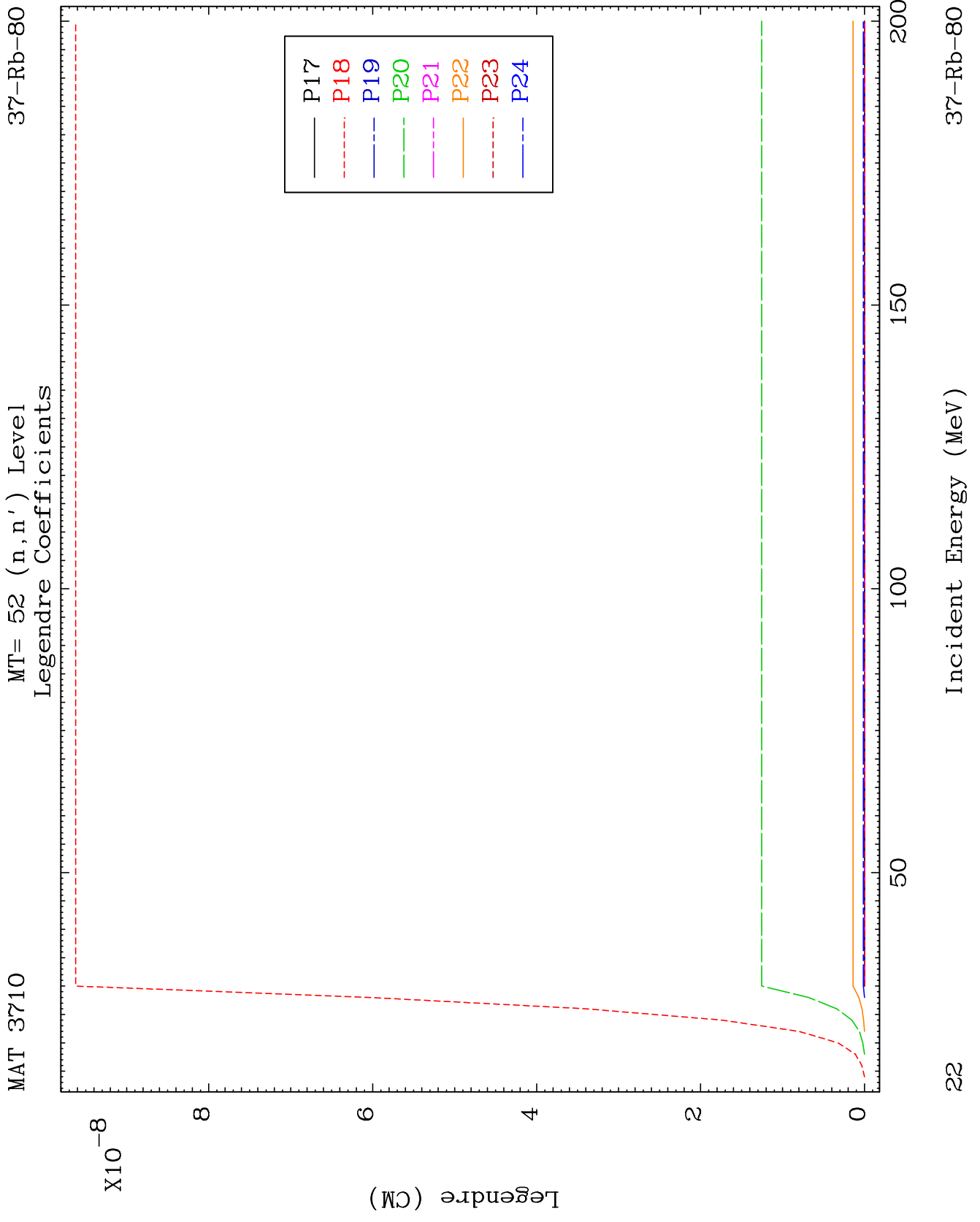
37-Rb-80







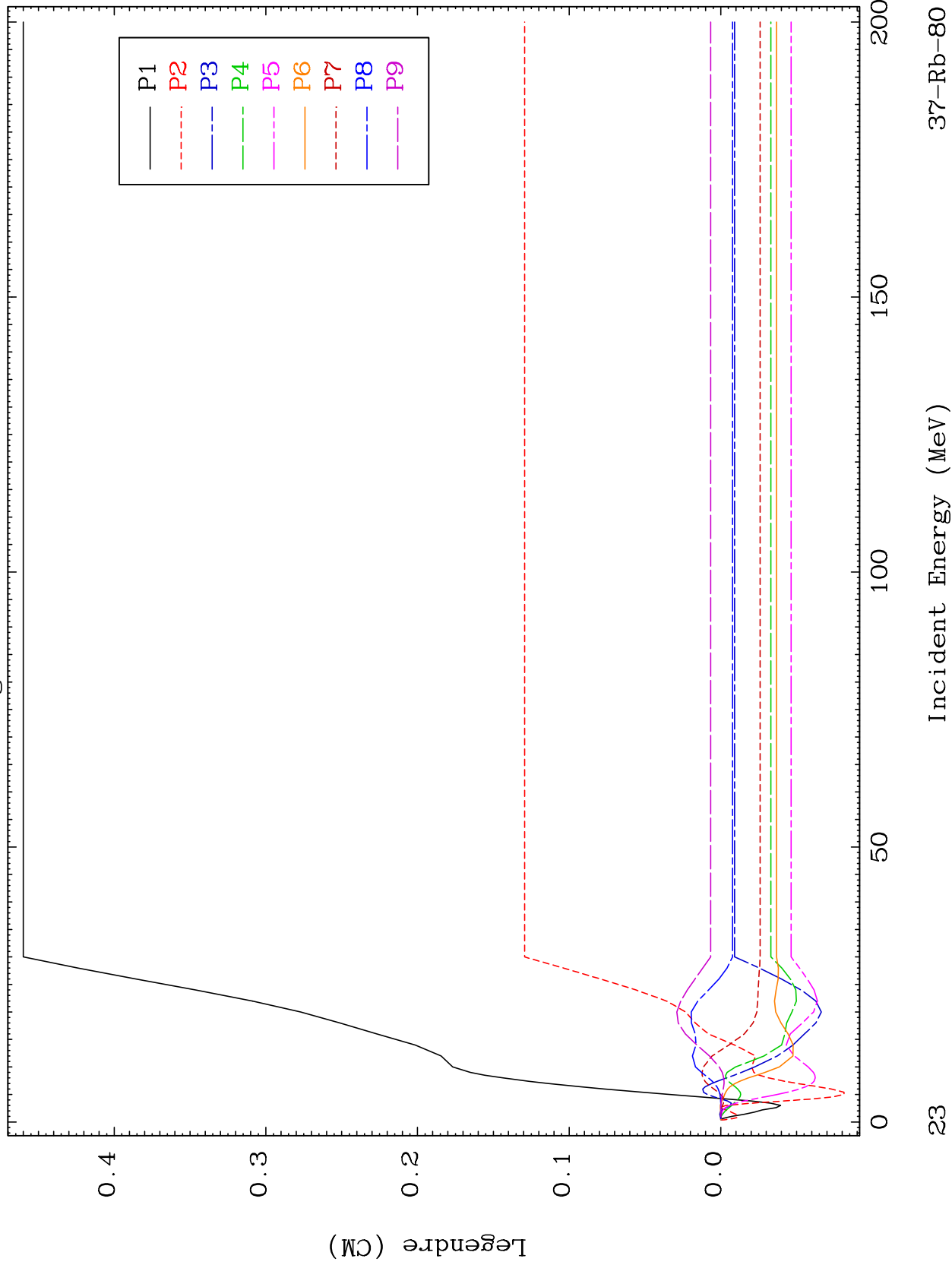




MAT 3710

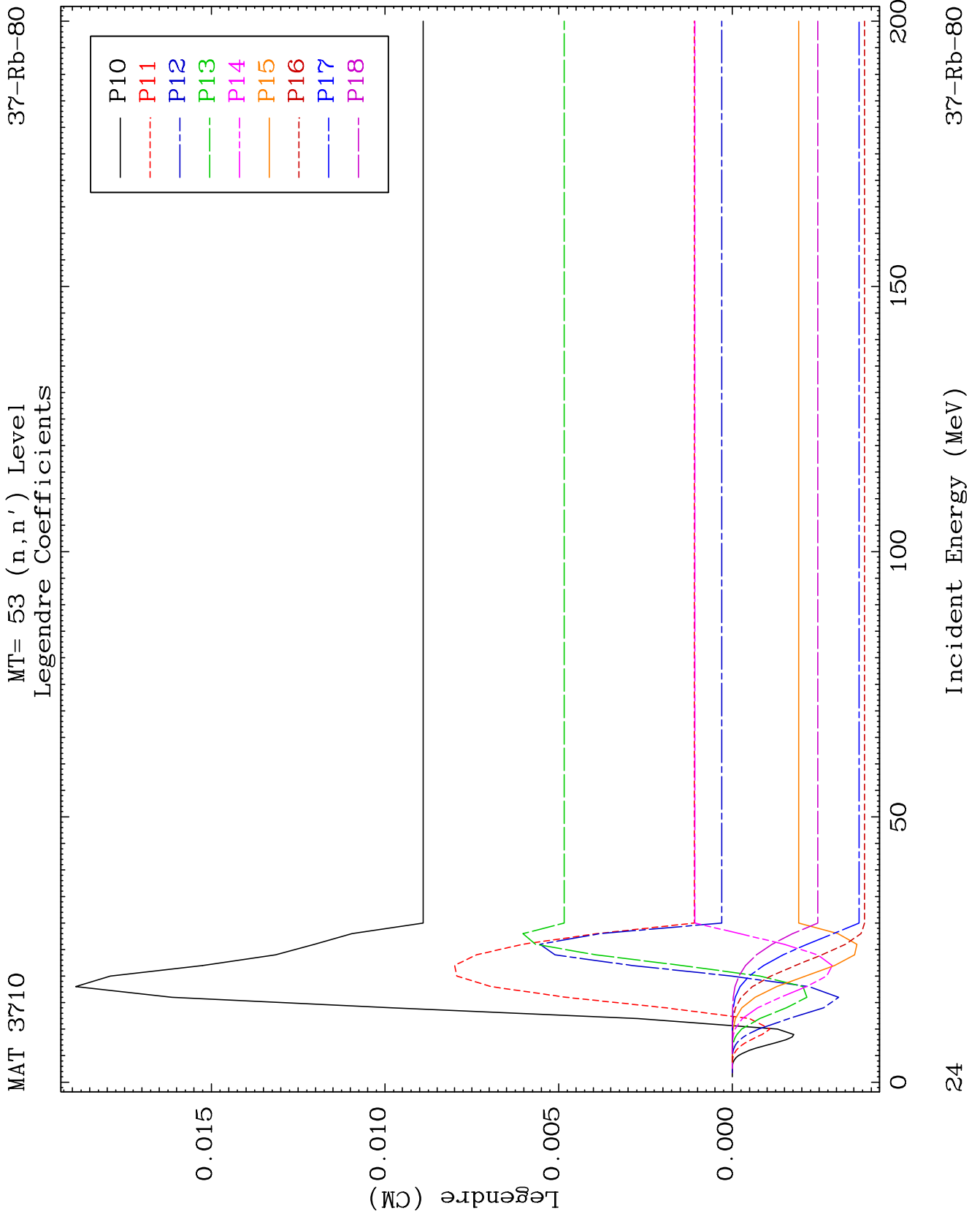
MT= 53 (n,n') Level
Legendre Coefficients

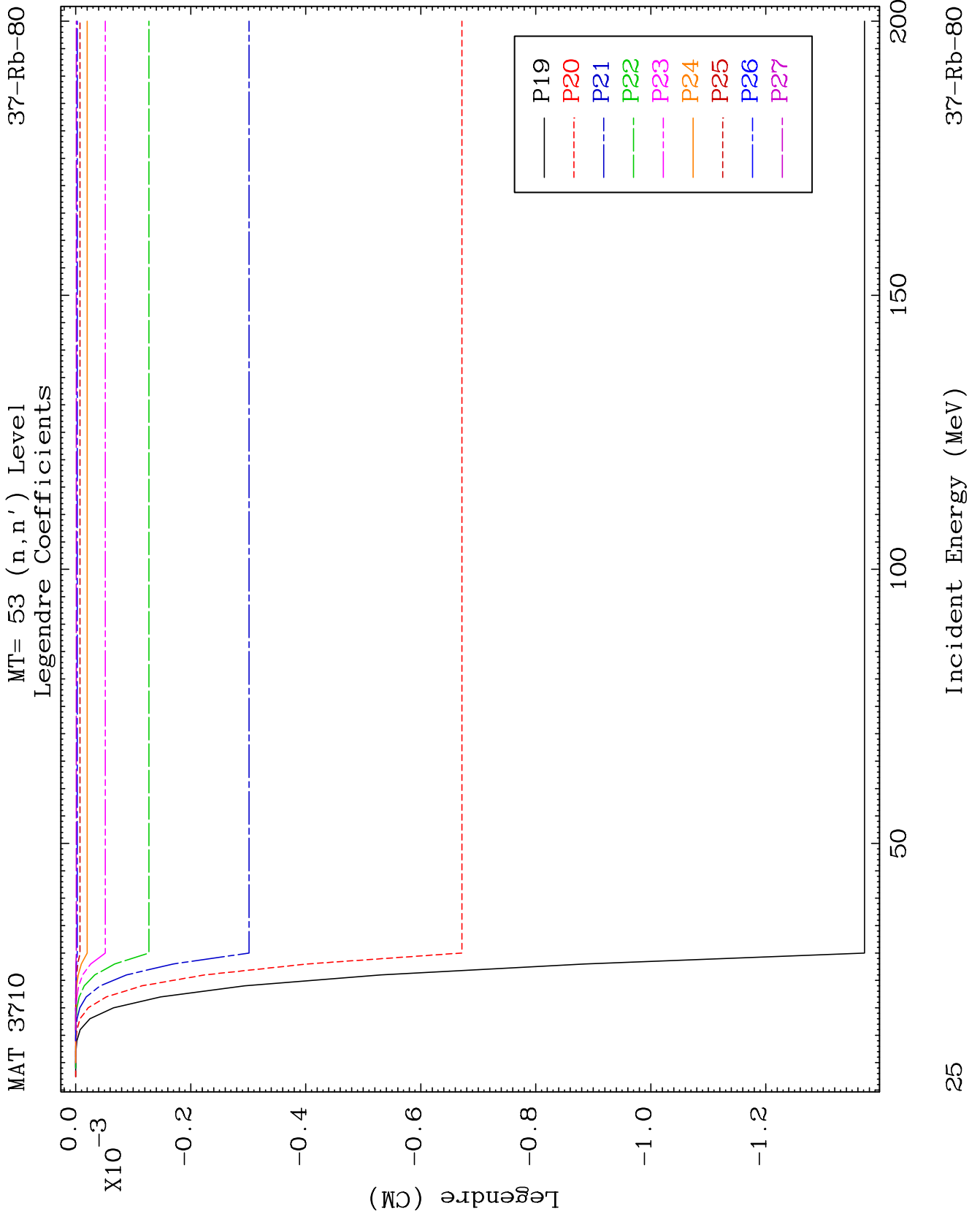
37-Rb-80

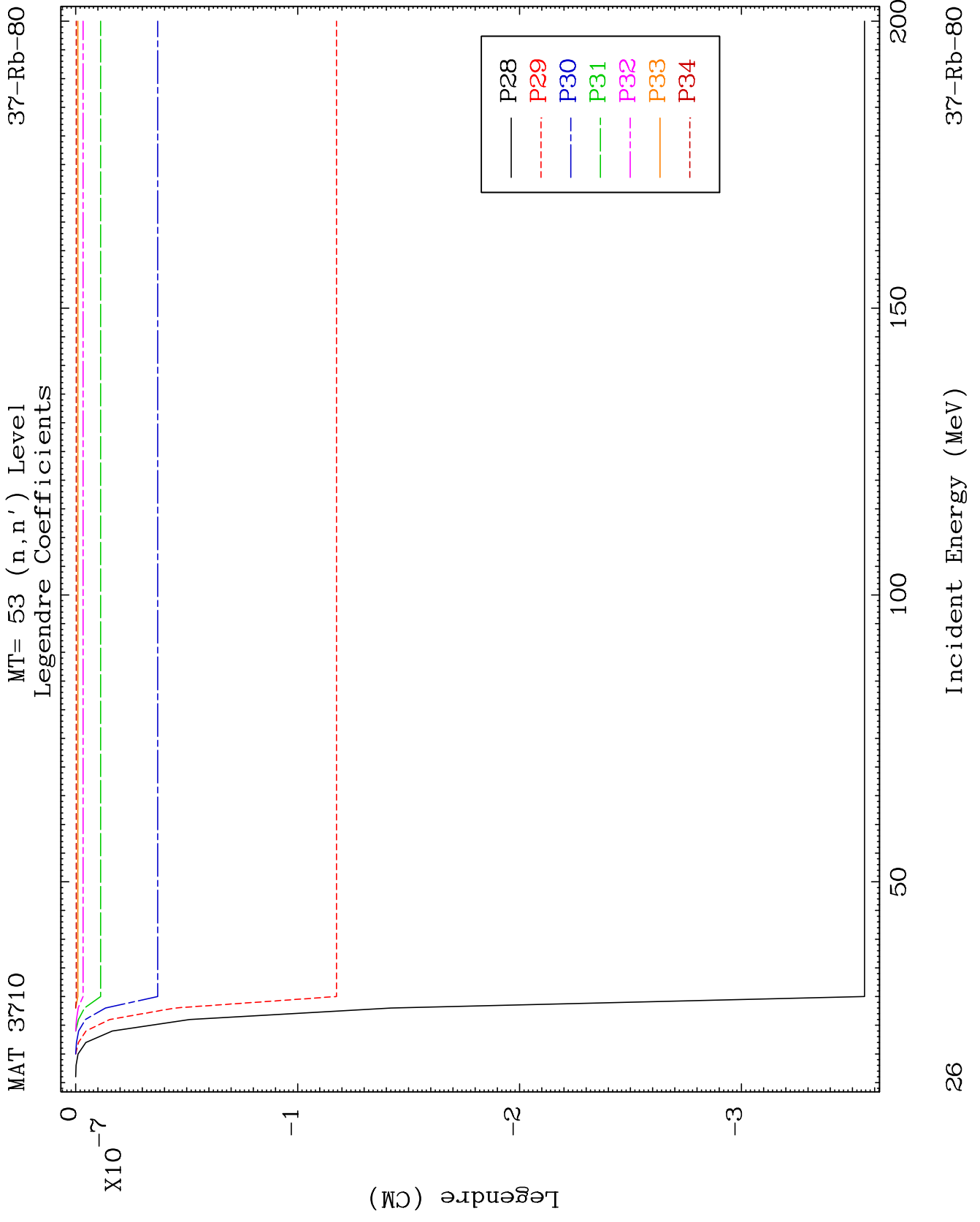


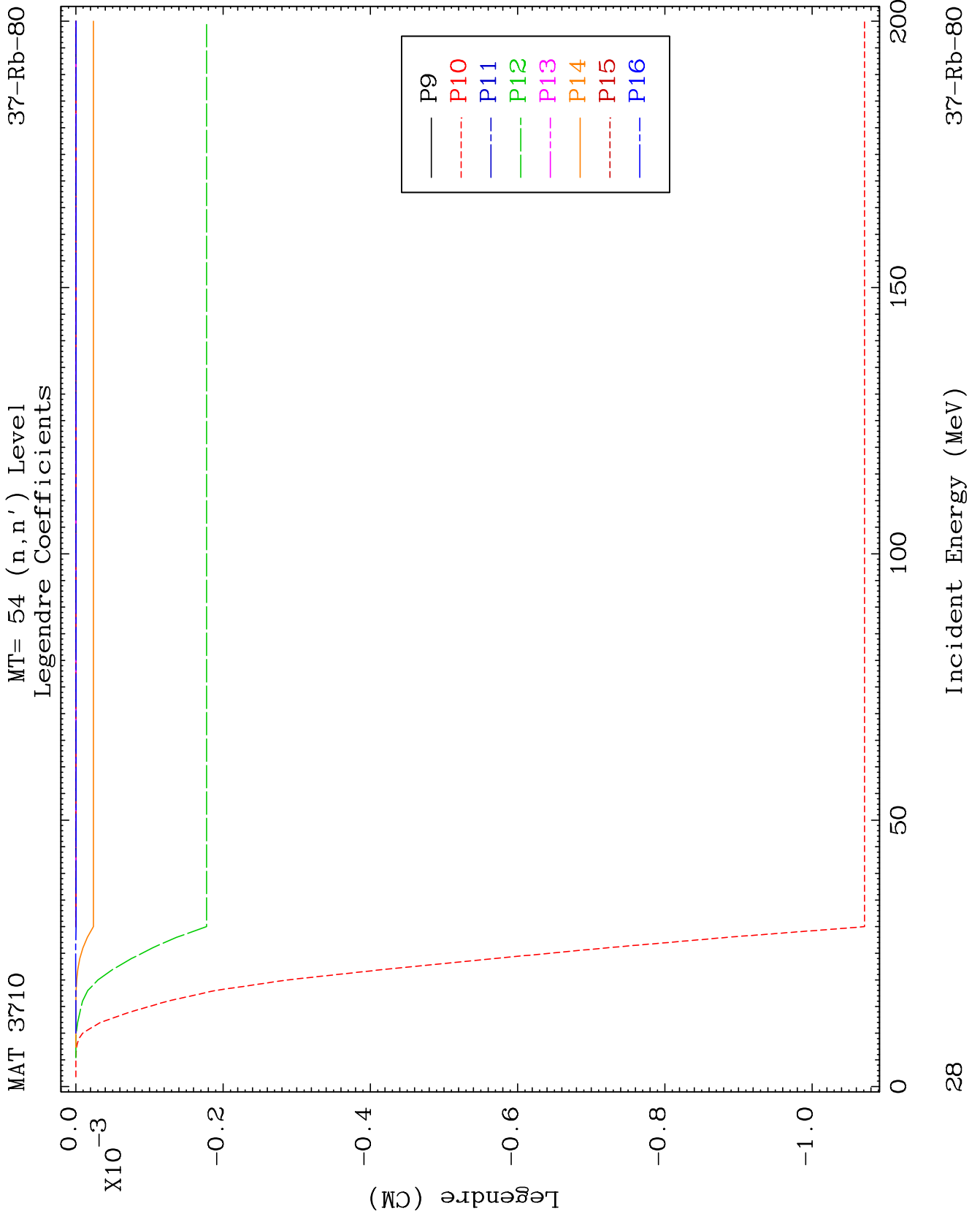
23

37-Rb-80





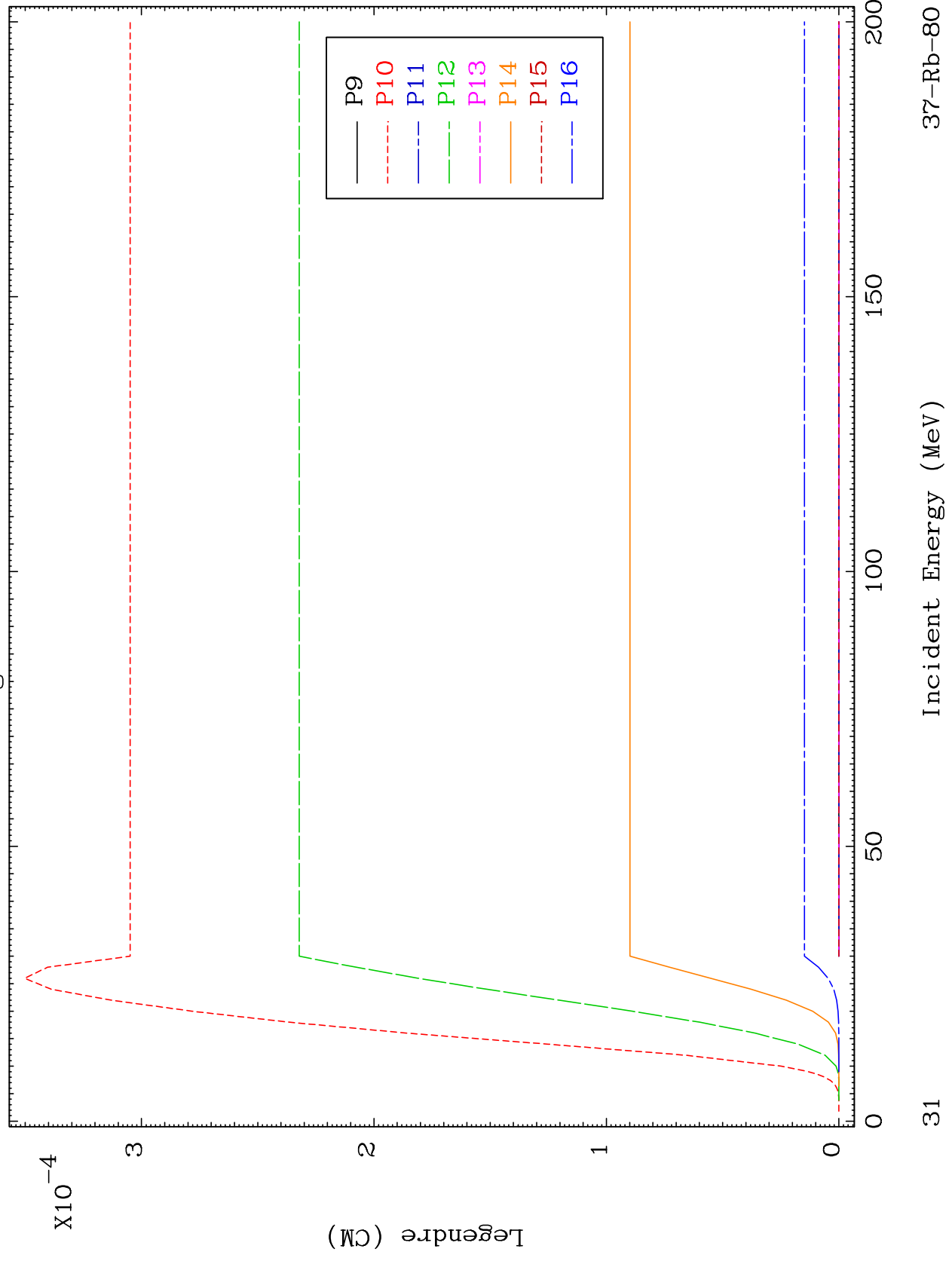




MAT 3710

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

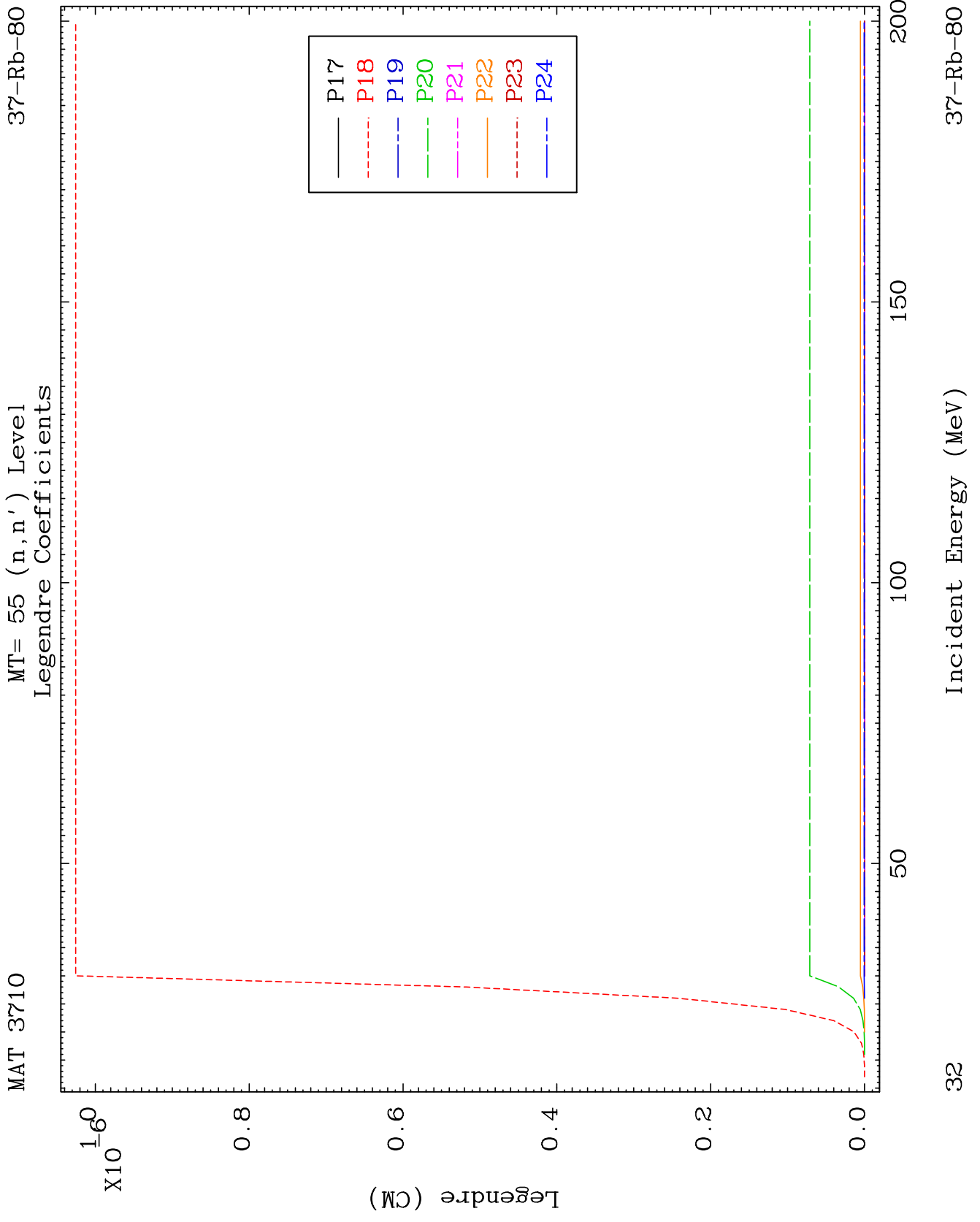
37-Rb-80

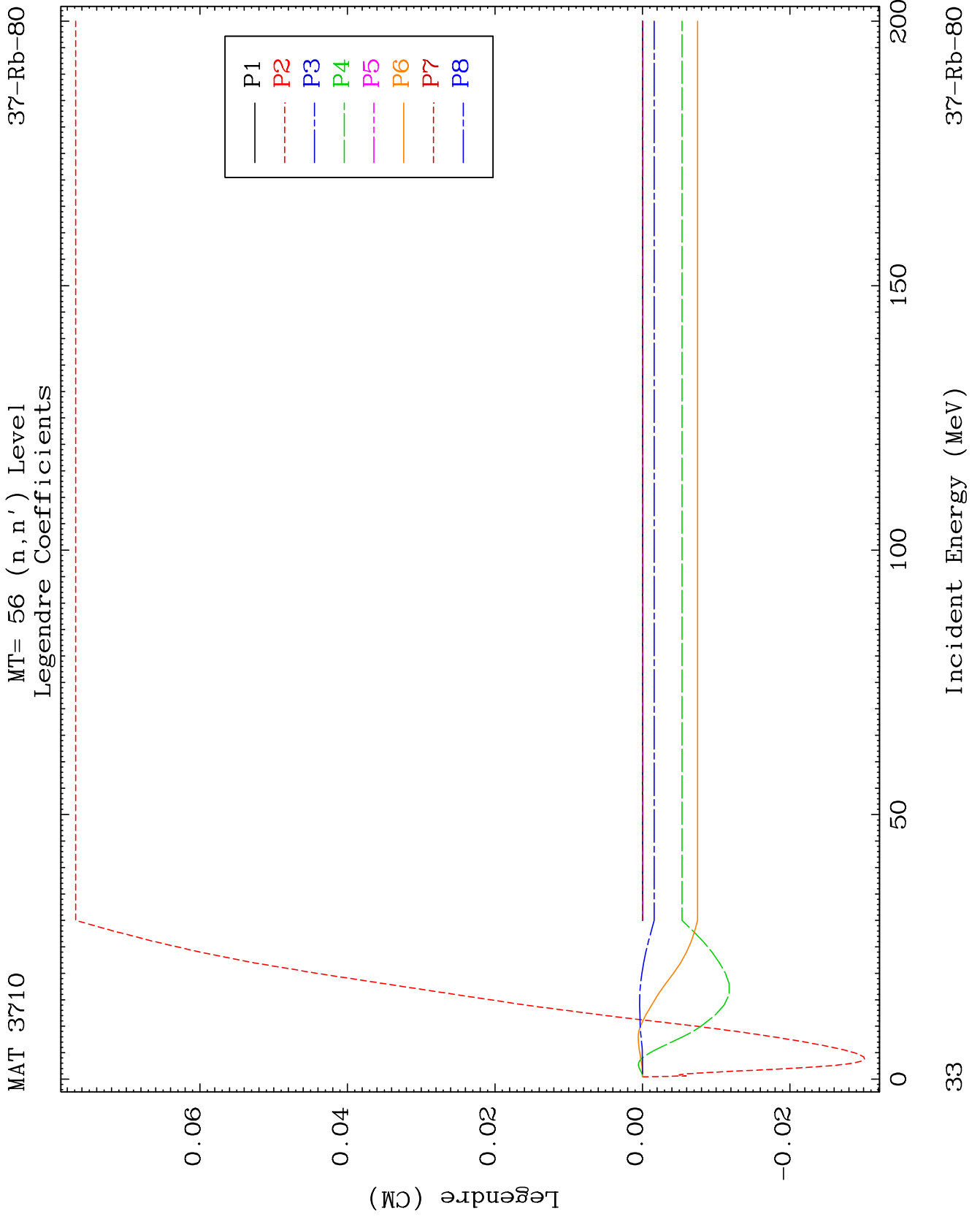


31

Incident Energy (MeV)

37-Rb-80

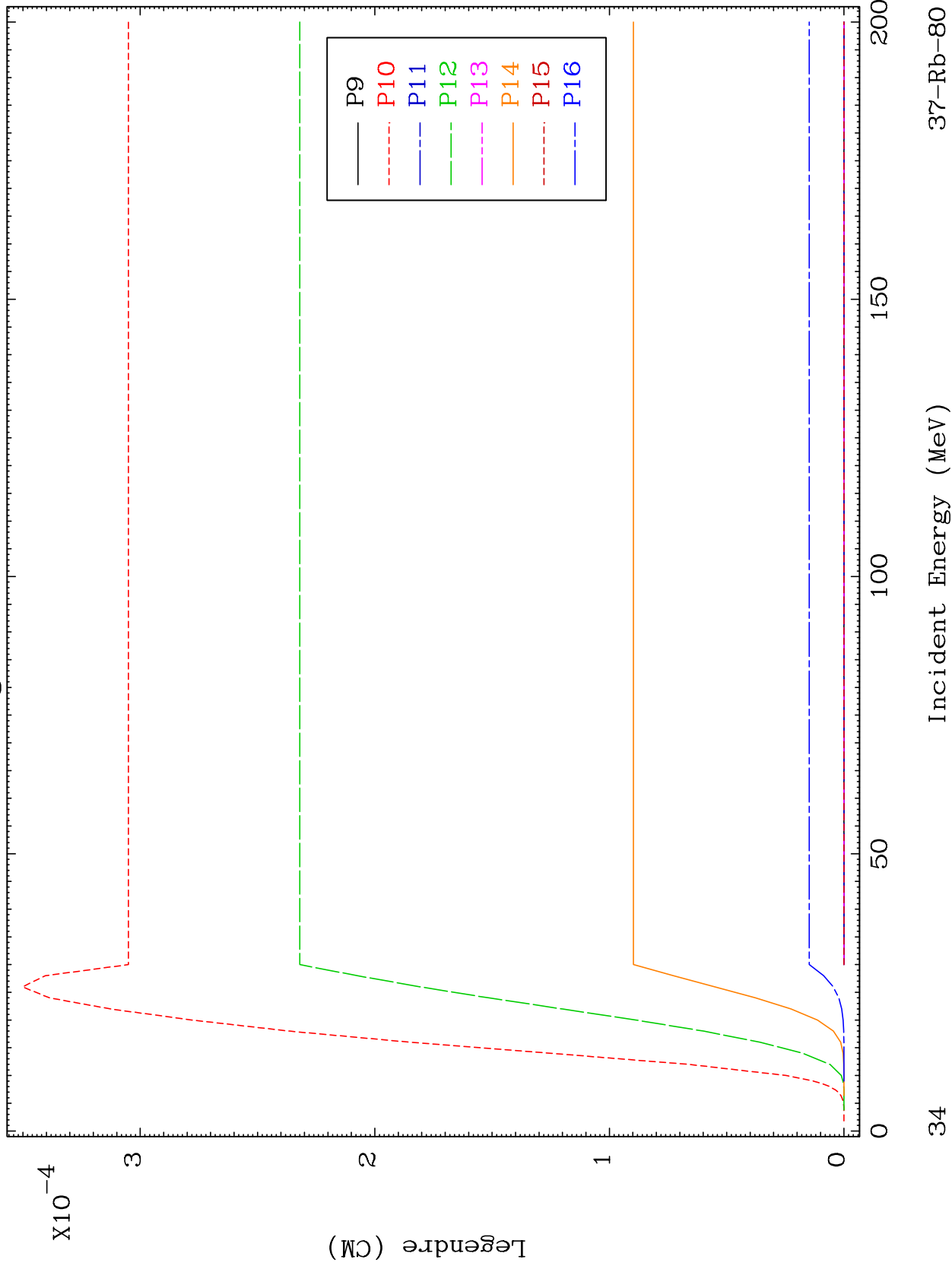




MAT 3710

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

37-Rb-80



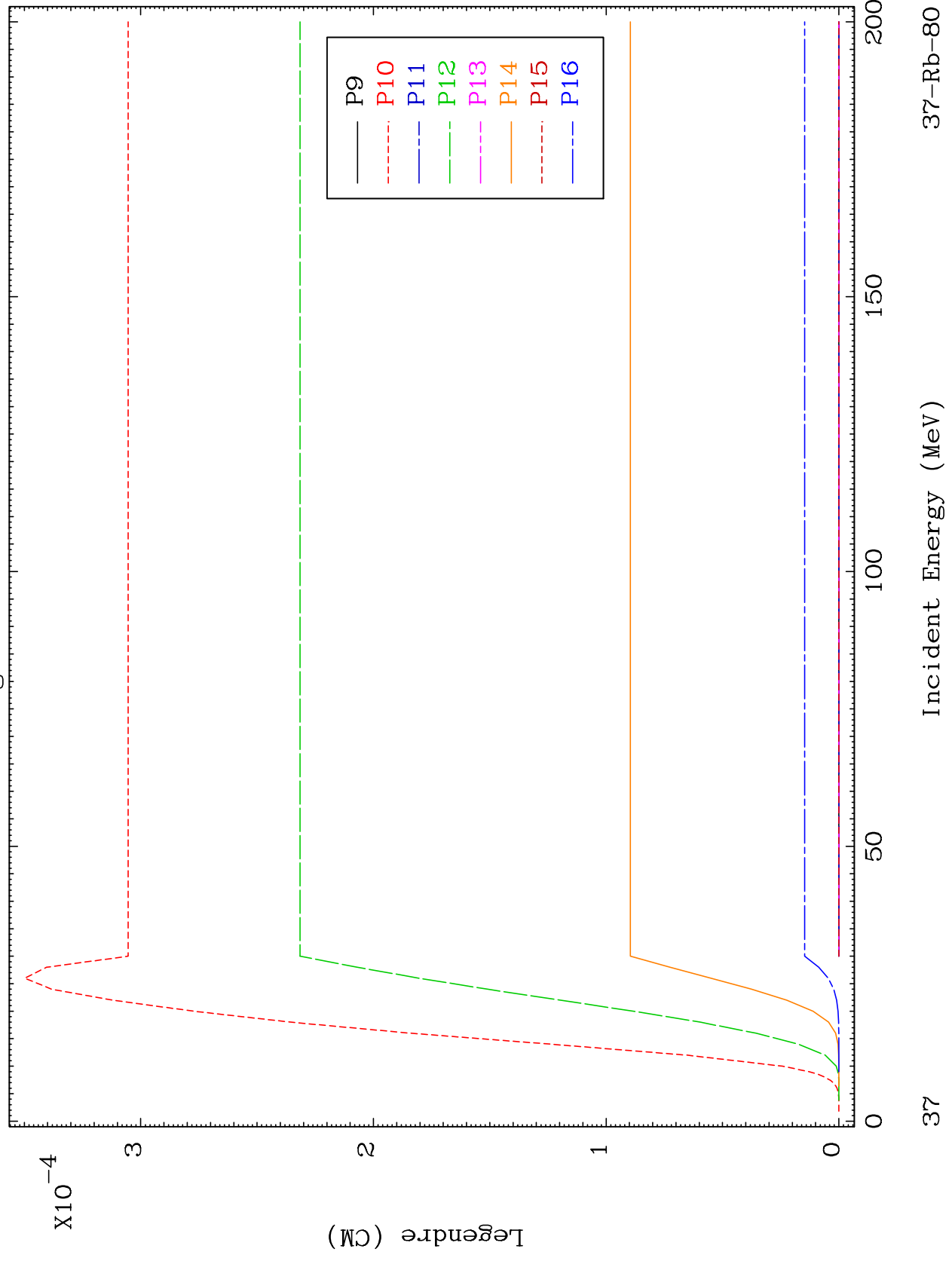
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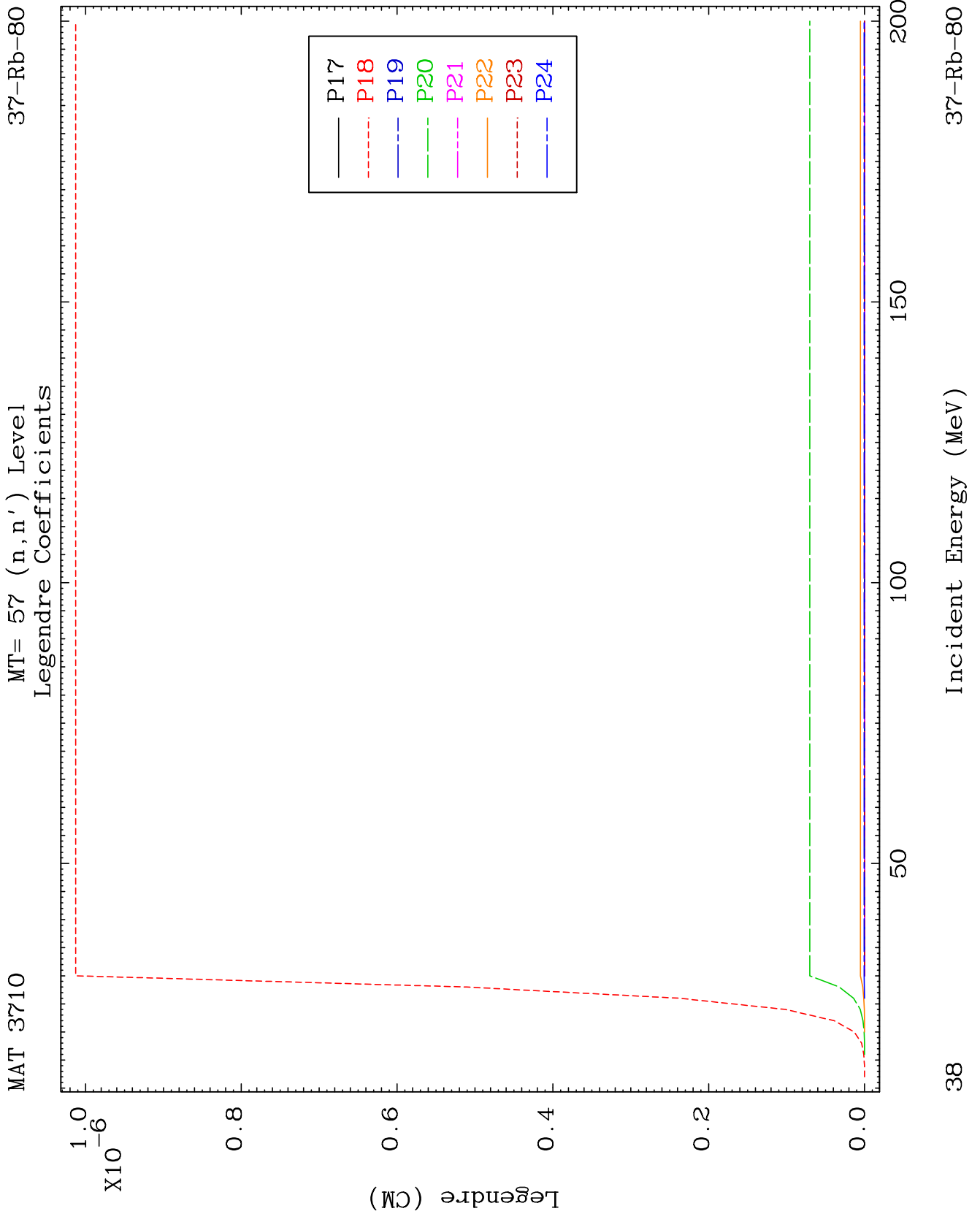
37-Rb-80

MAT 3710

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

37-Rb-80

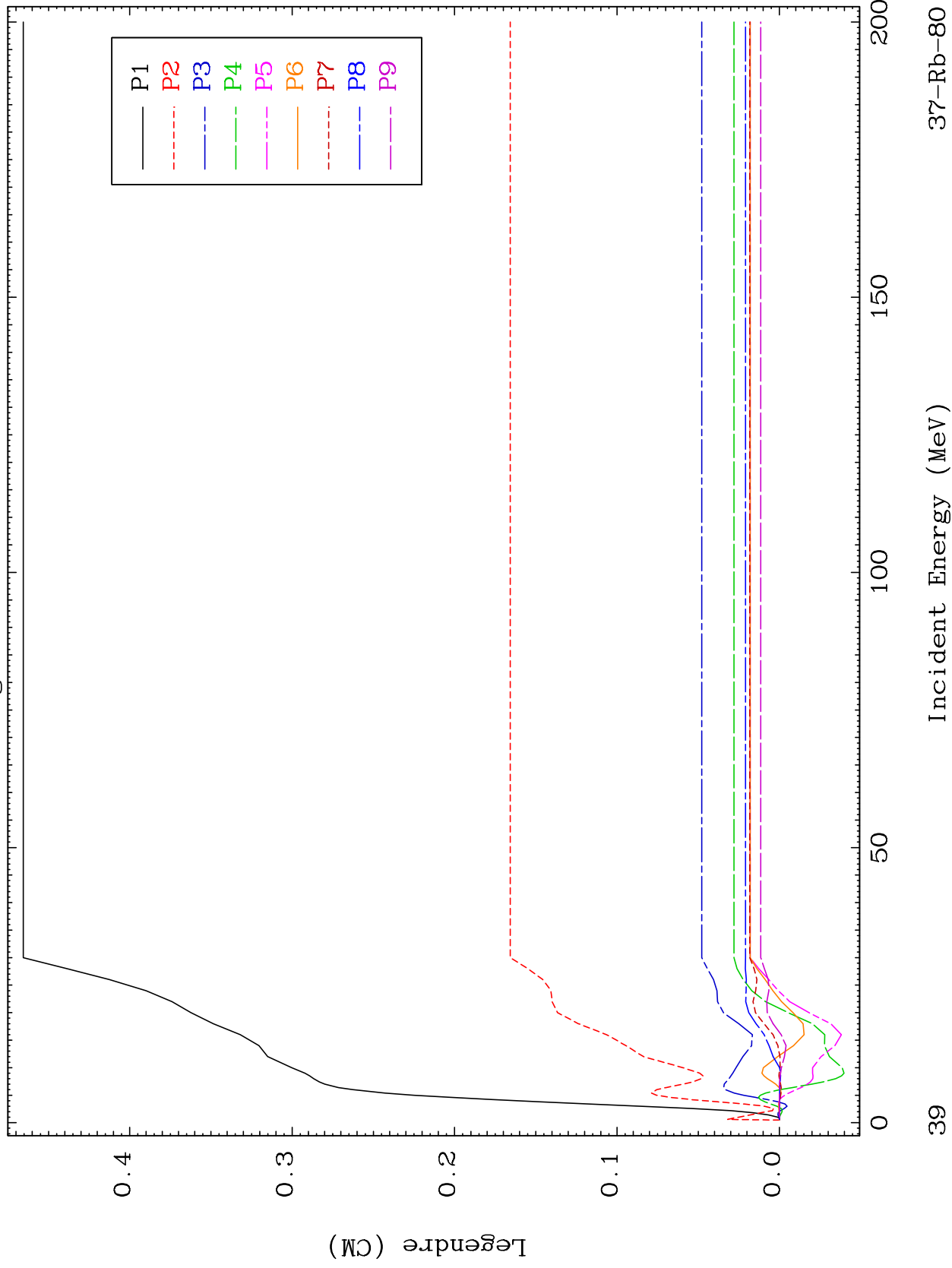




MAT 3710

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

37-Rb-80



39

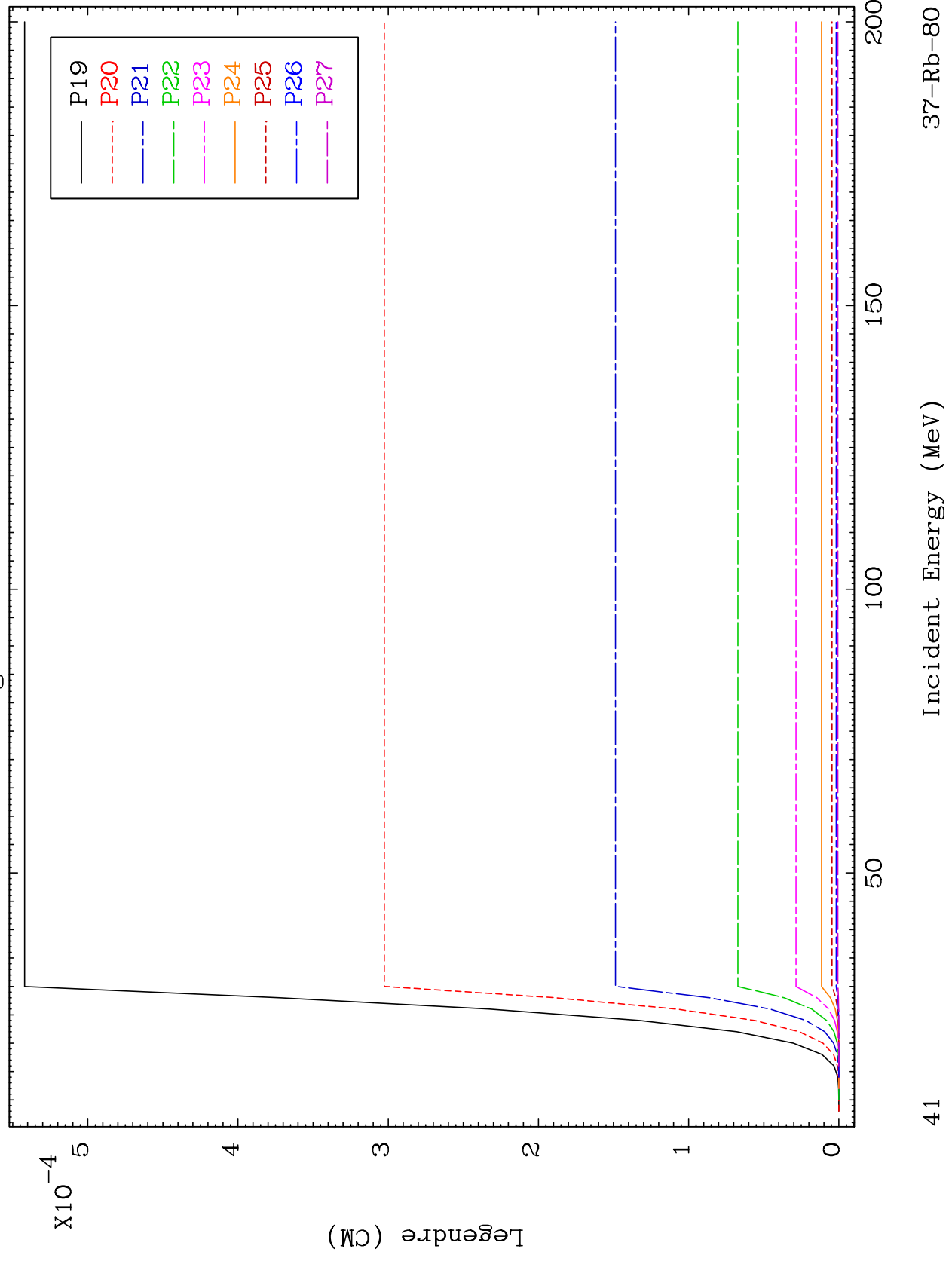
Incident Energy (MeV)

37-Rb-80

MAT 3710

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

37-Rb-80



41

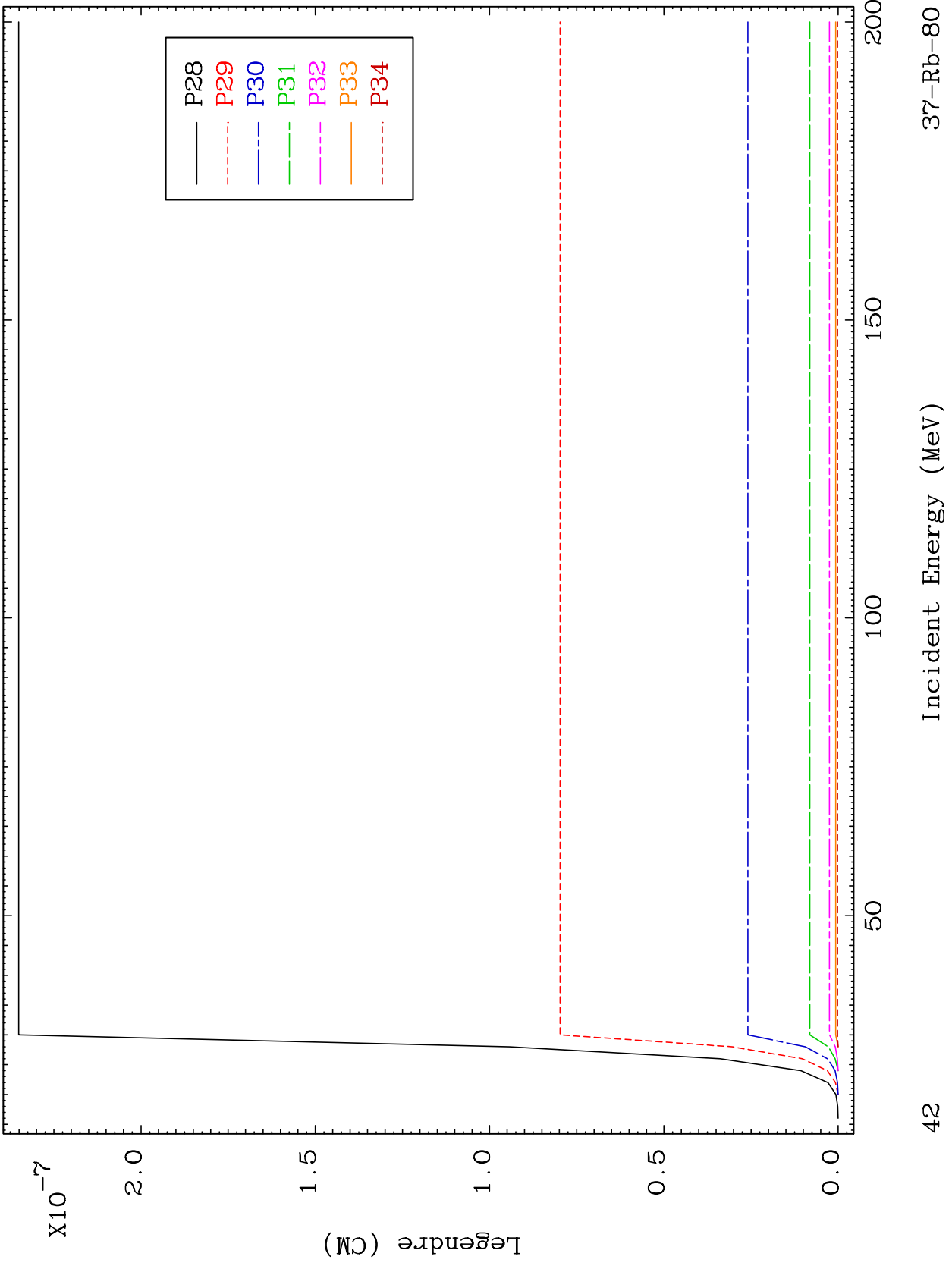
Incident Energy (MeV)

37-Rb-80

MAT 3710

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

37-Rb-80



42

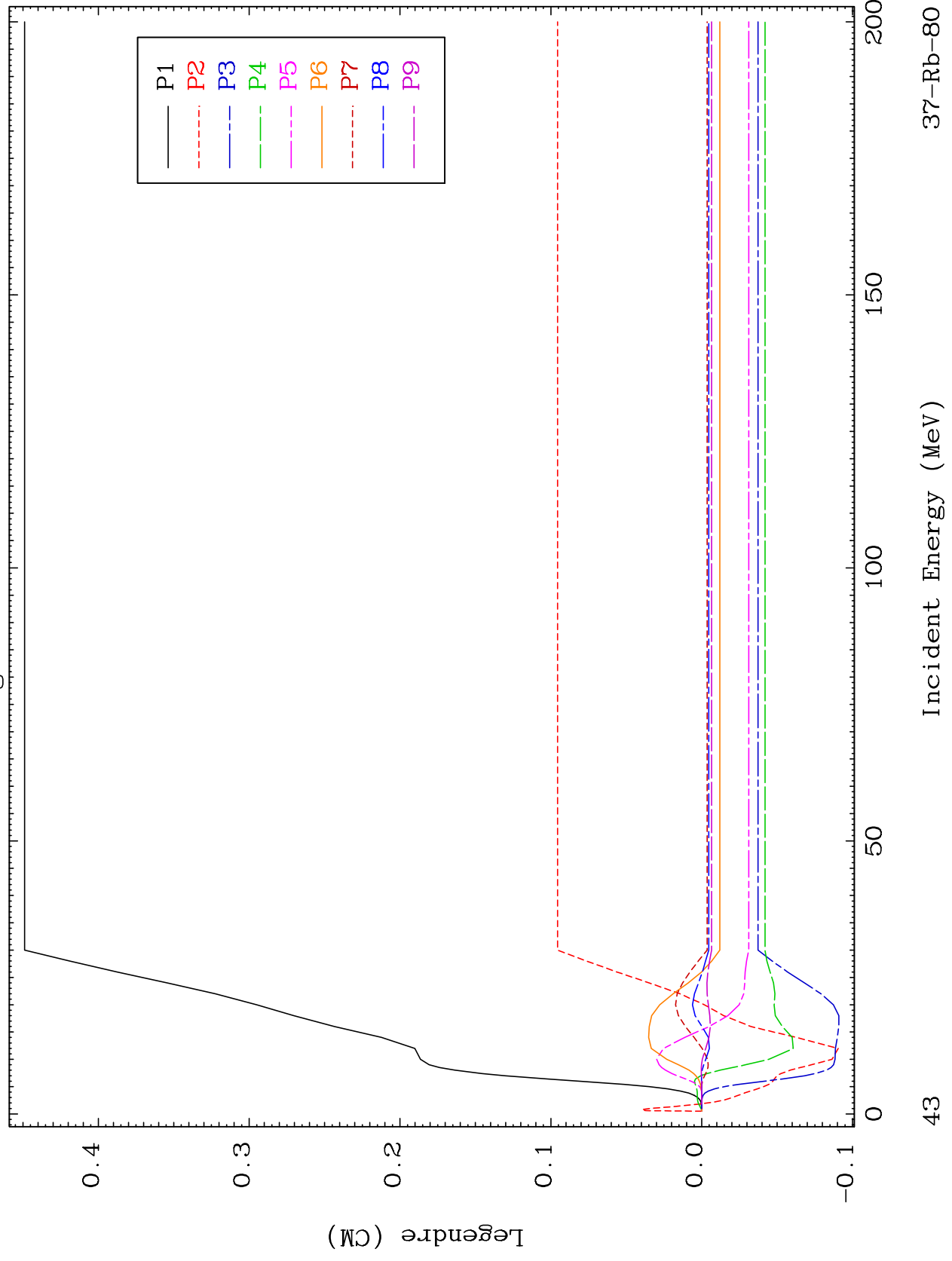
Incident Energy (MeV)

37-Rb-80

MAT 3710

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

37-Rb-80



37-Rb-80

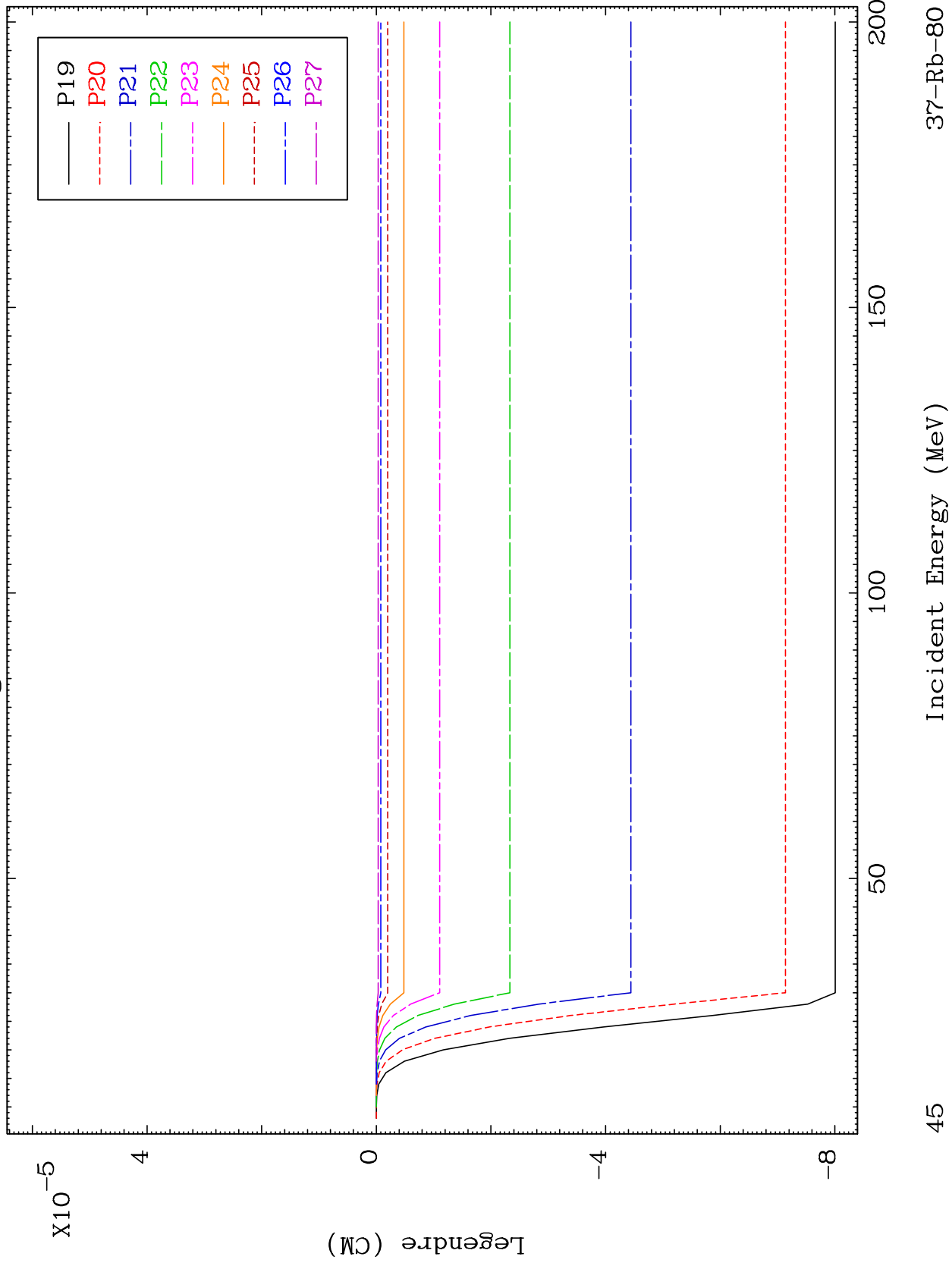
Incident Energy (MeV)

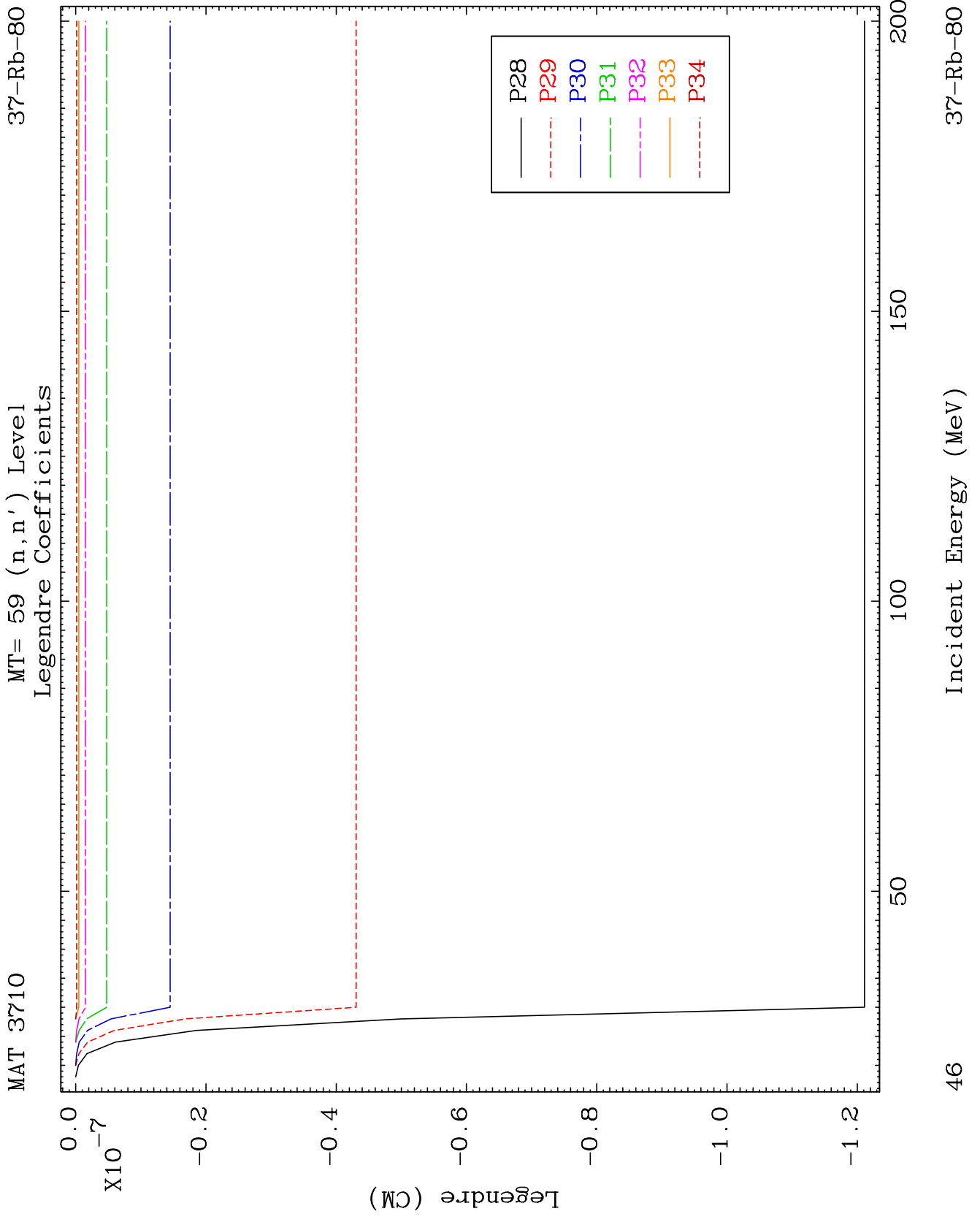
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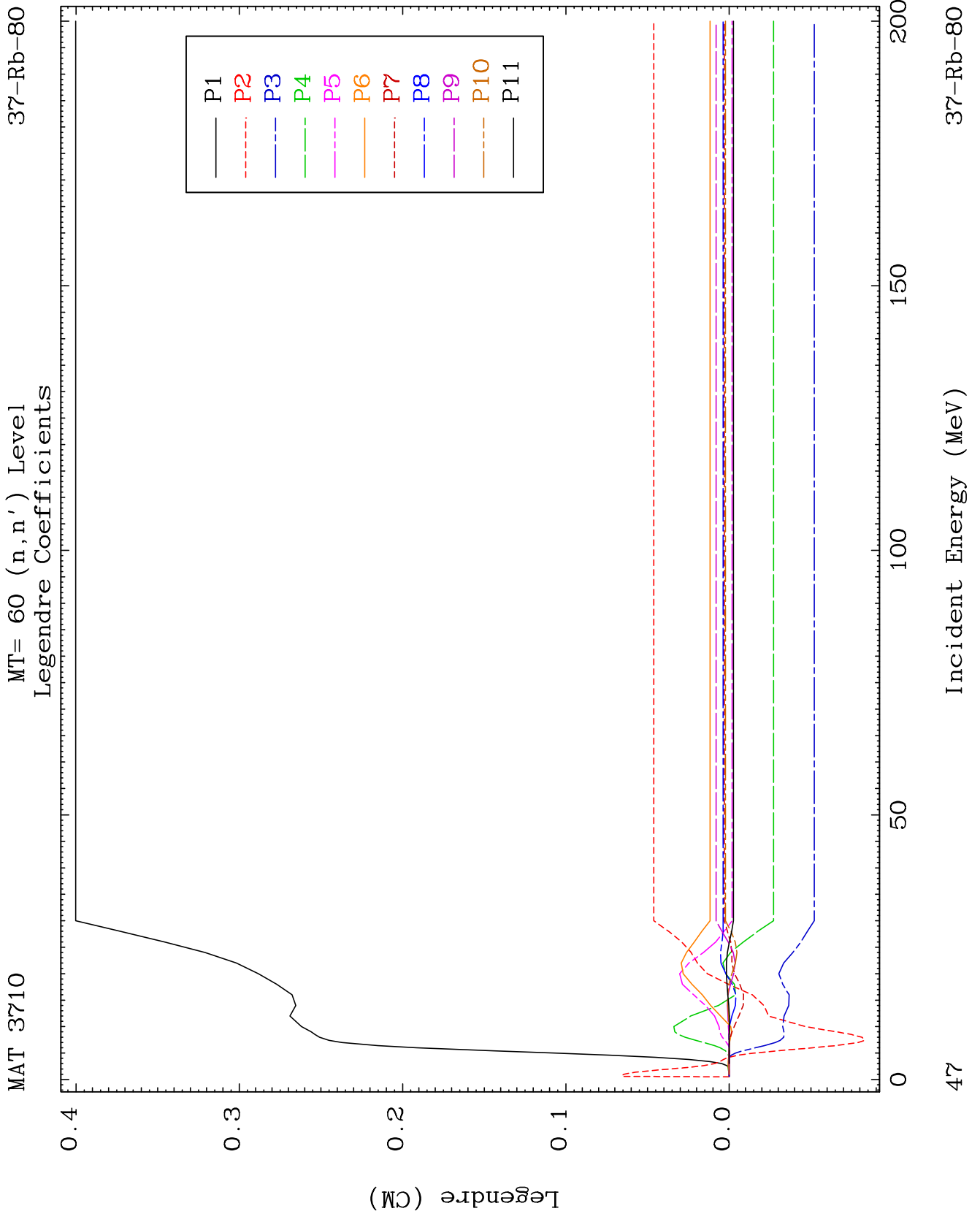
MAT 3710

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

37-Rb-80



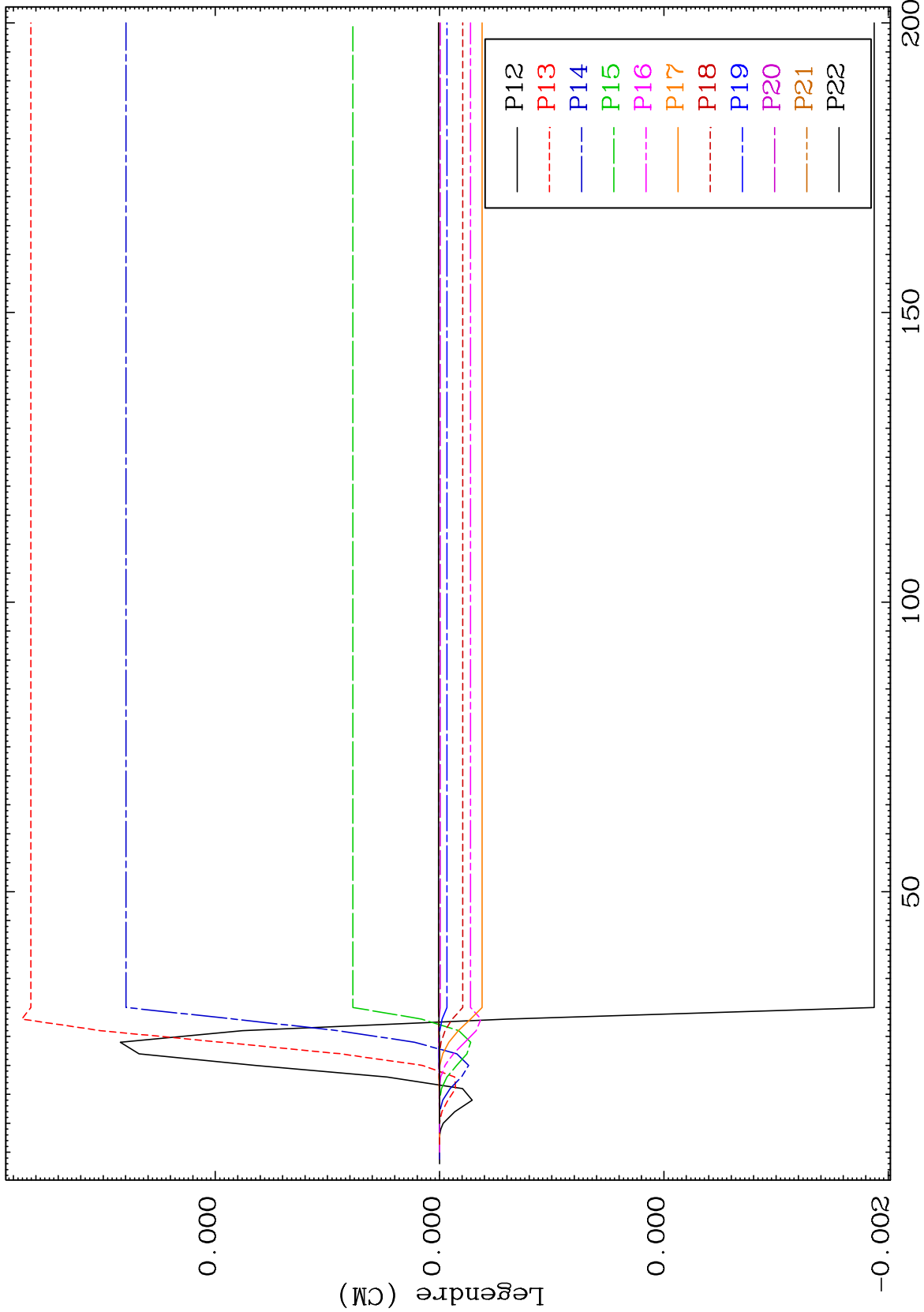




MAT 3710

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

37-Rb-80



48

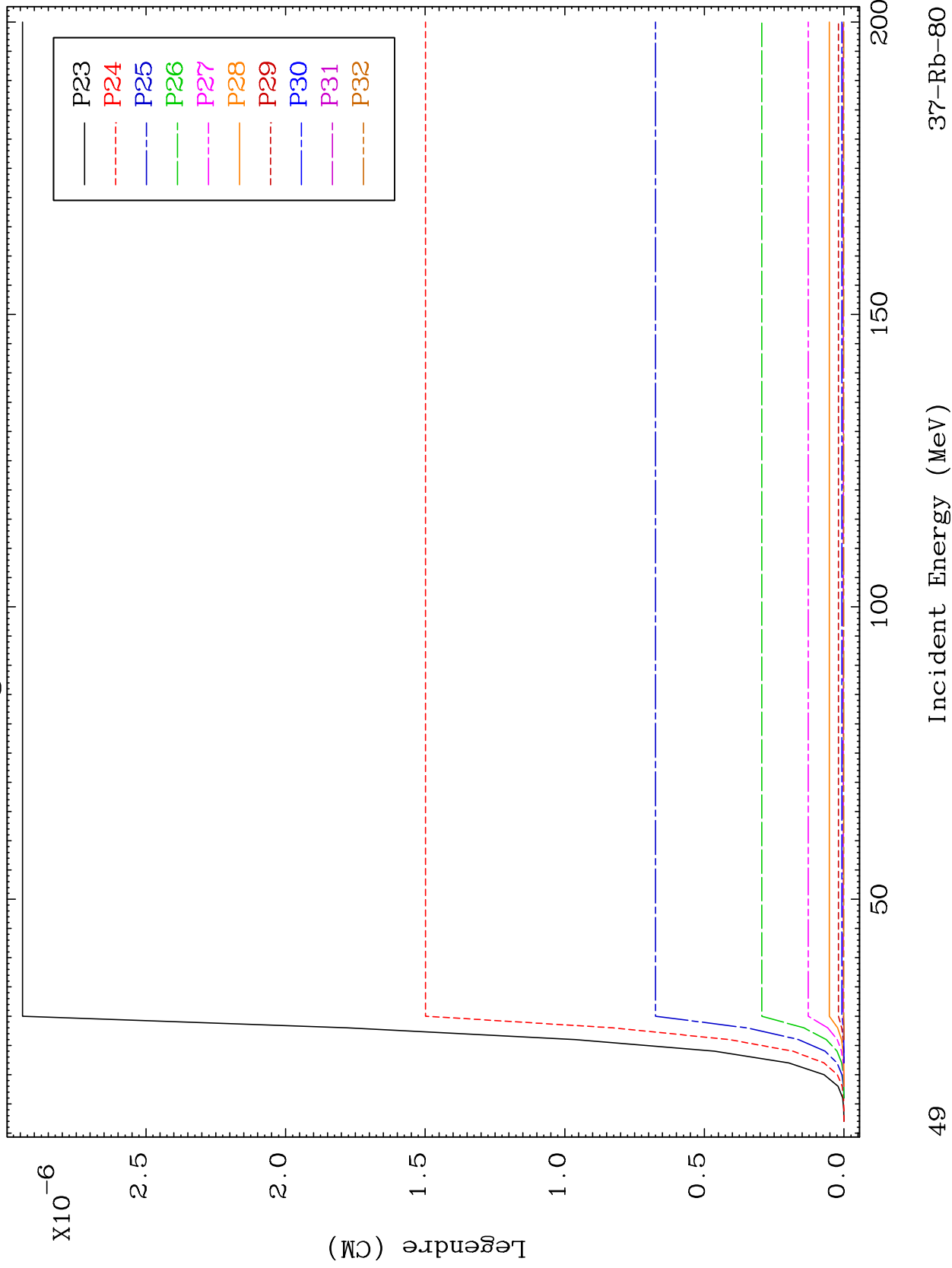
Incident Energy (MeV)

37-Rb-80

MAT 3710

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

37-Rb-80



49

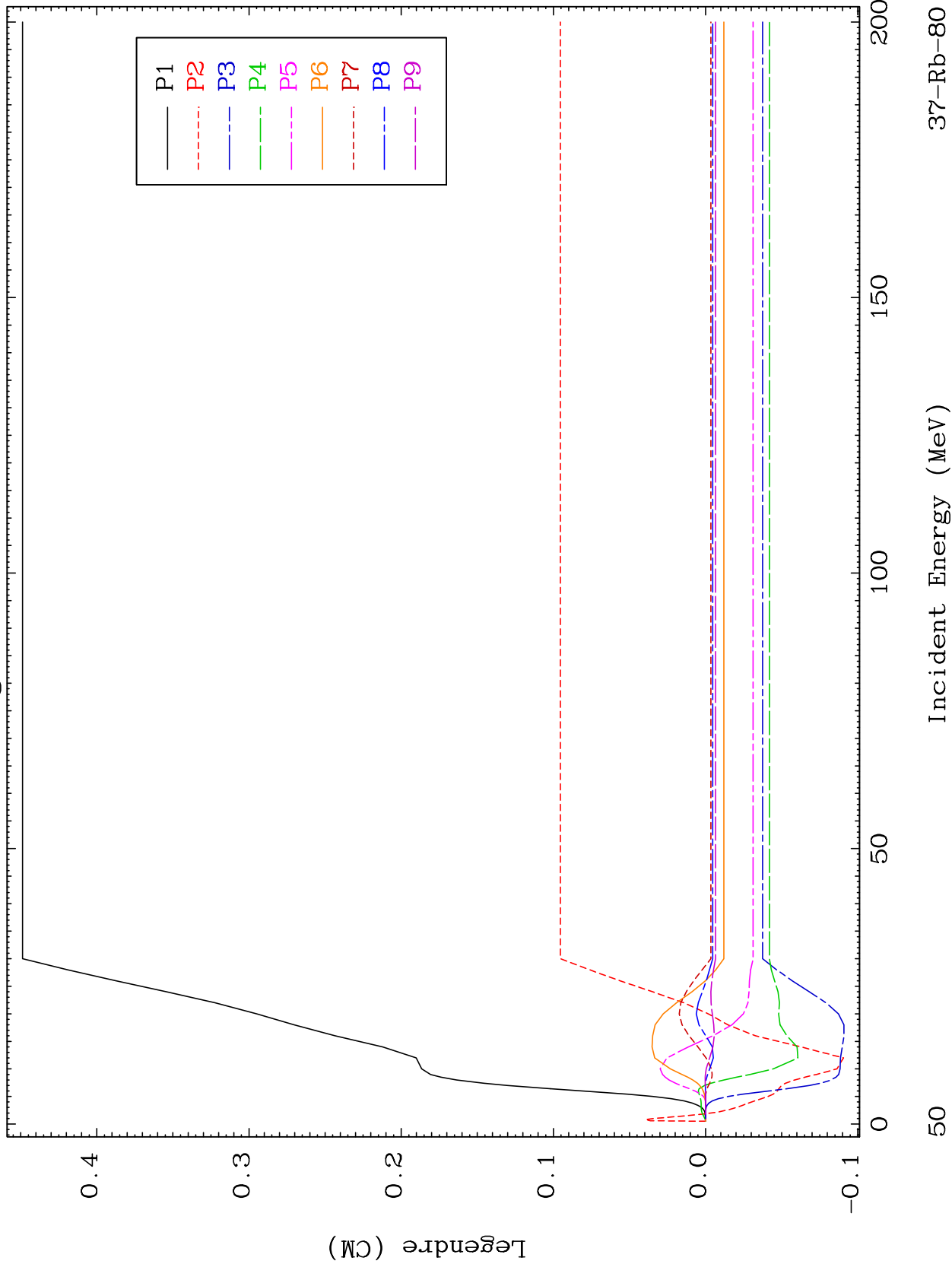
Incident Energy (MeV)

37-Rb-80

MAT 3710

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

37-Rb-80



37-Rb-80

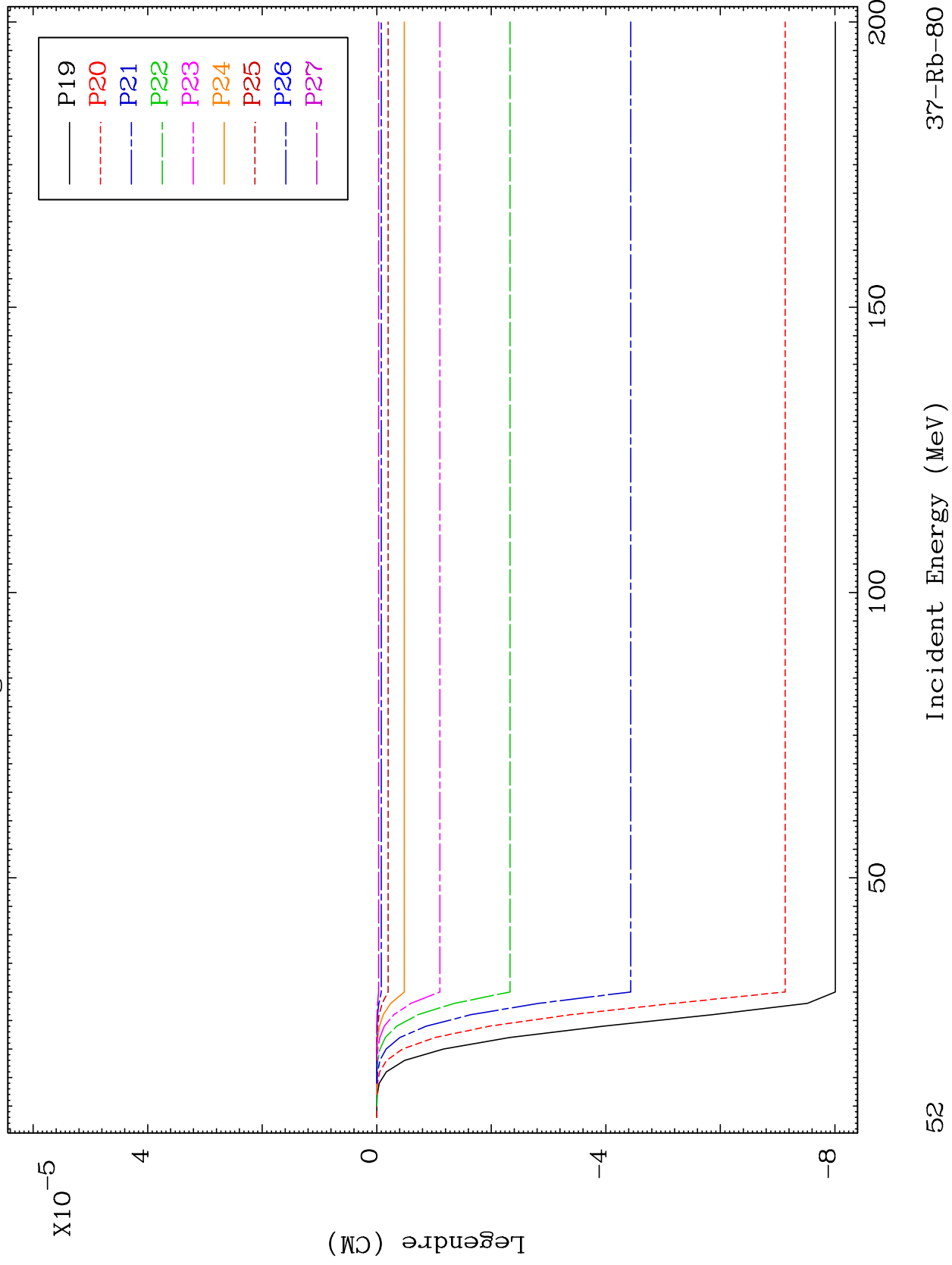
Incident Energy (MeV)

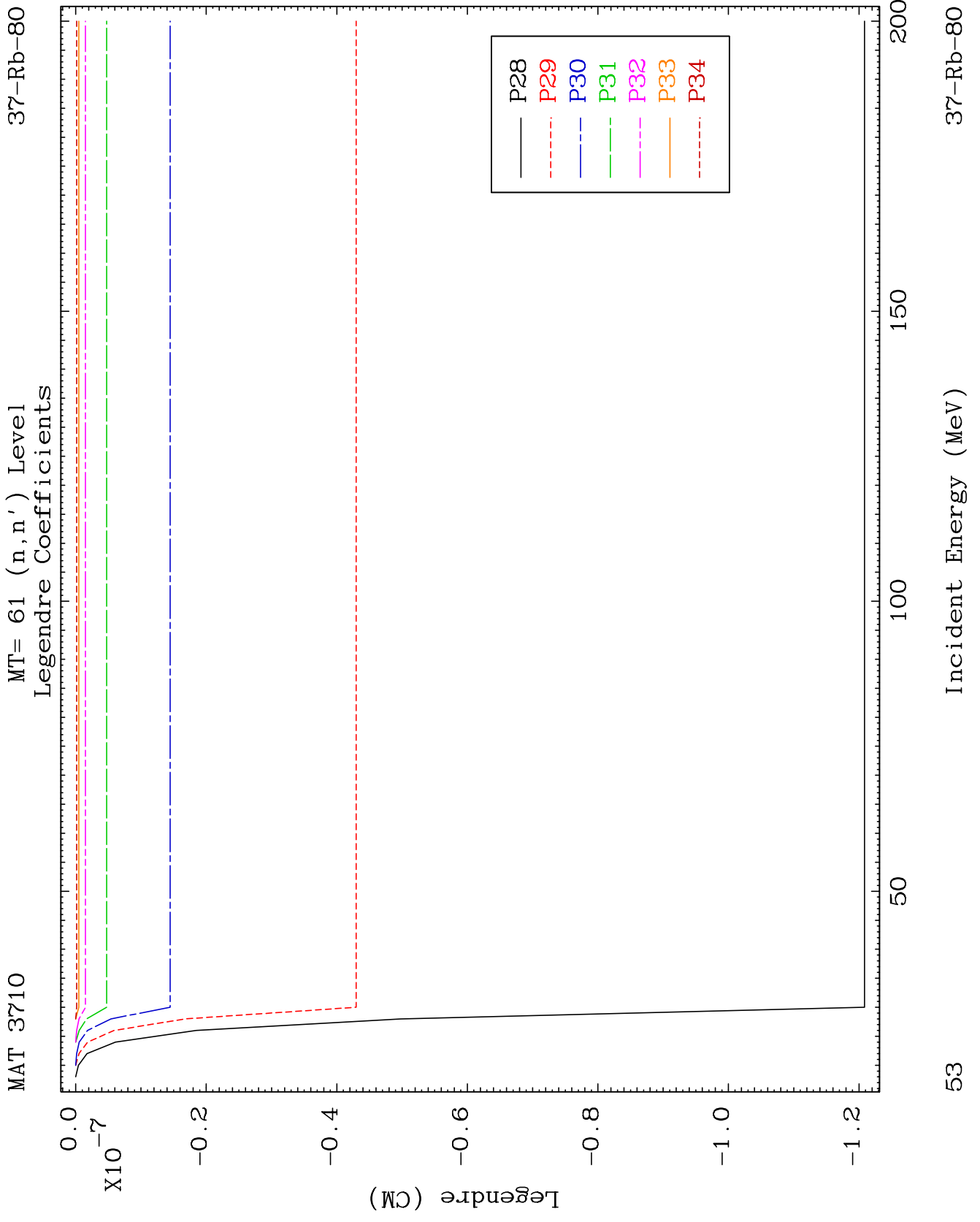
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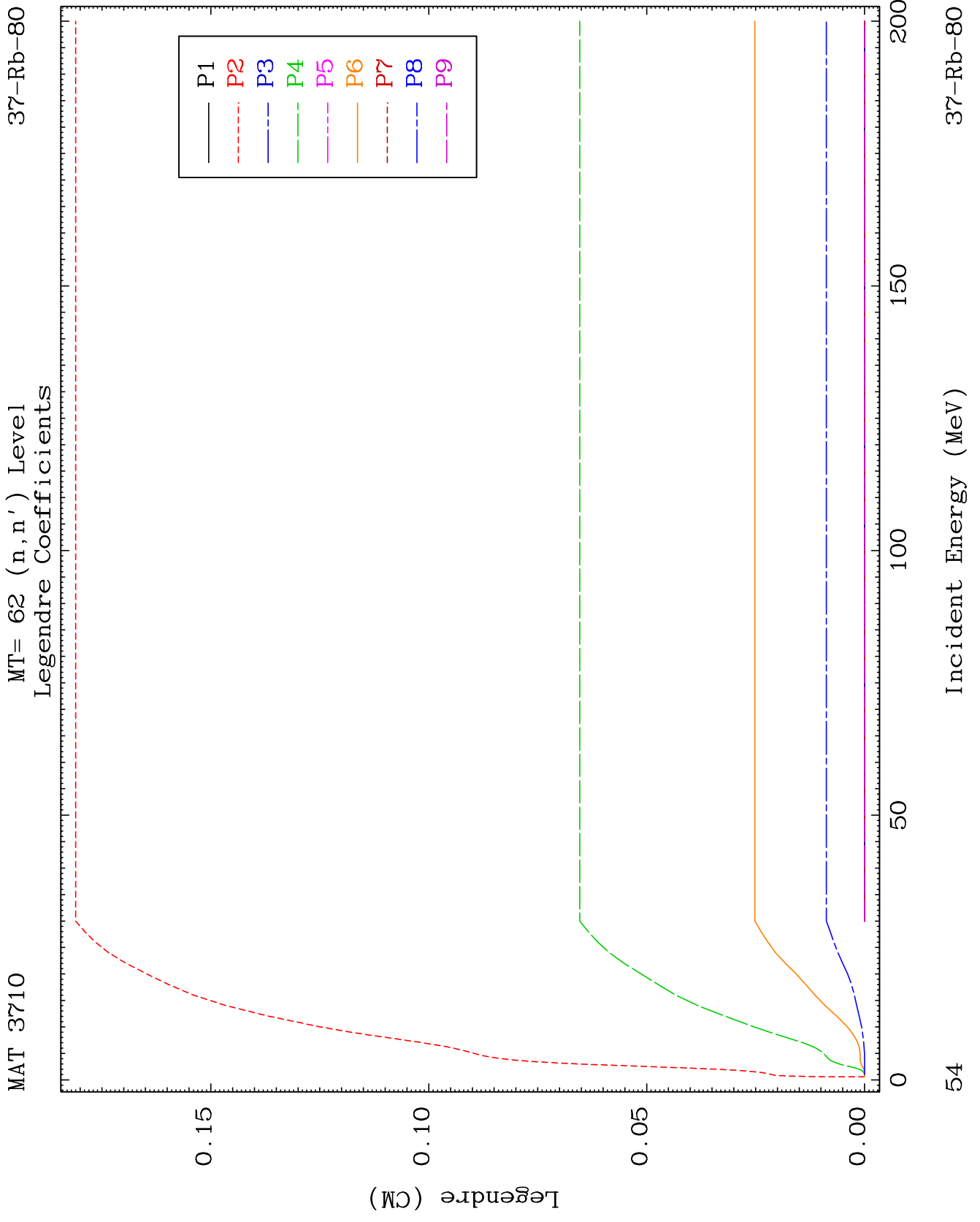
MAT 3710

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

37-Rb-80



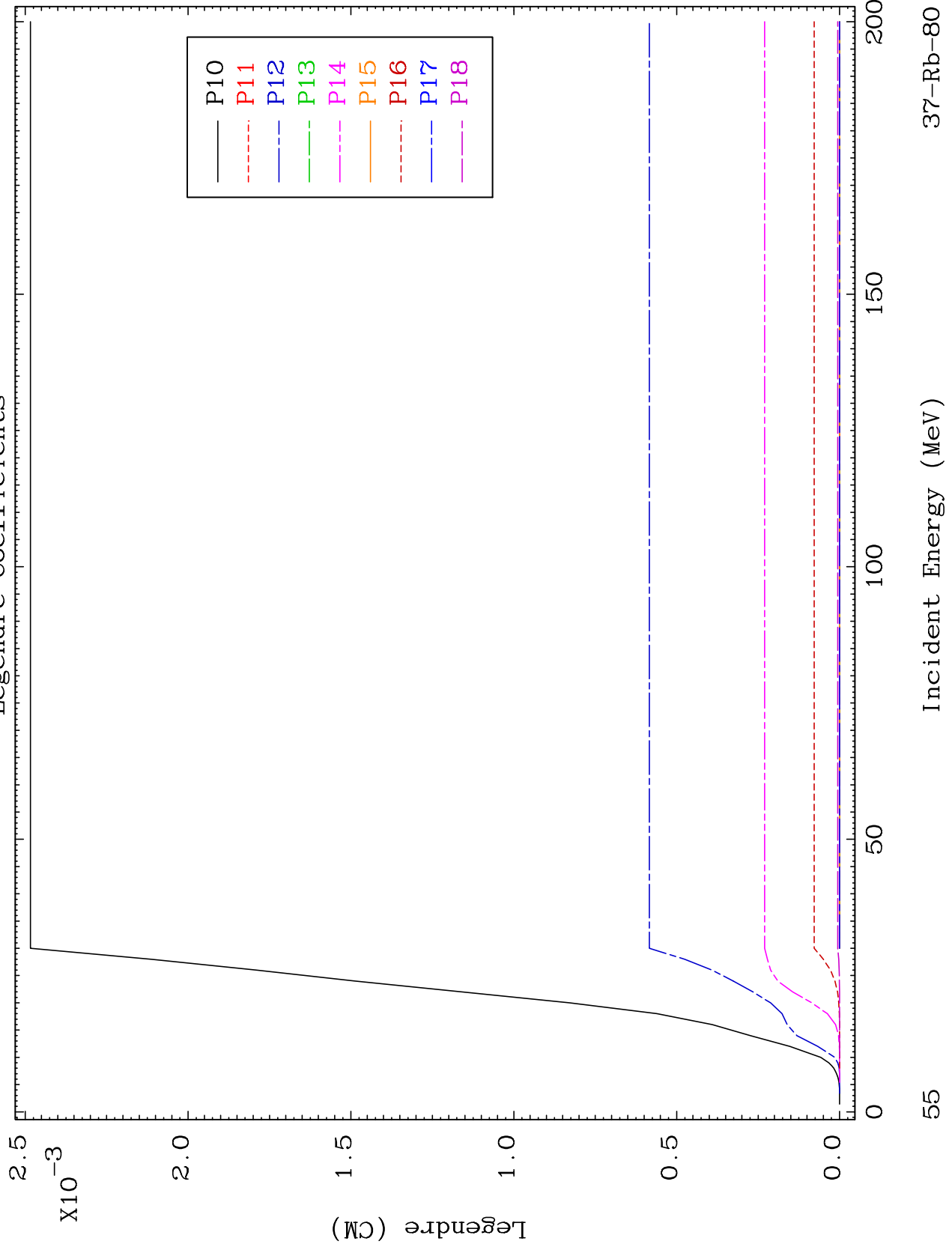




MAT 3710

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

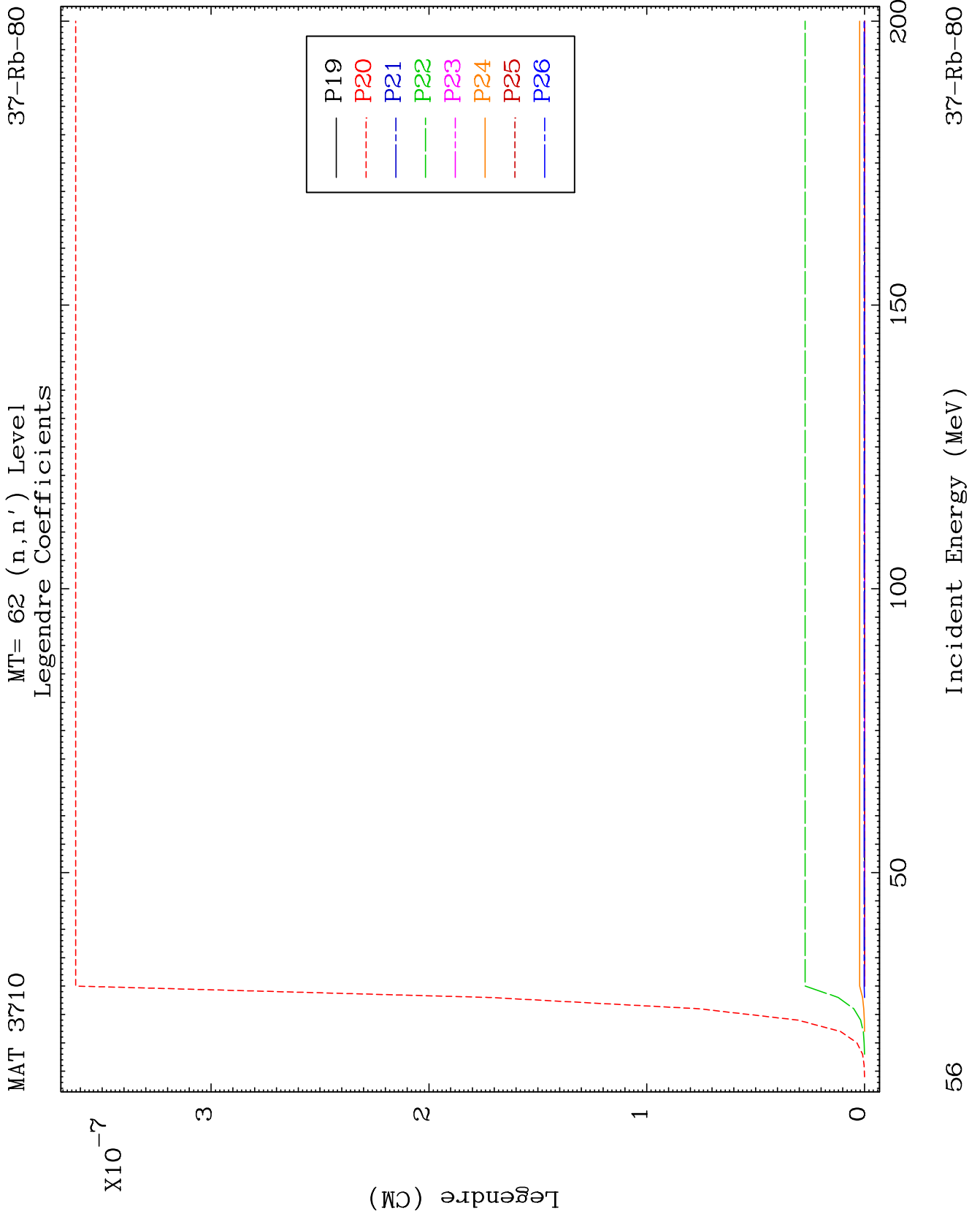
37-Rb-80



37-Rb-80

Incident Energy (MeV)

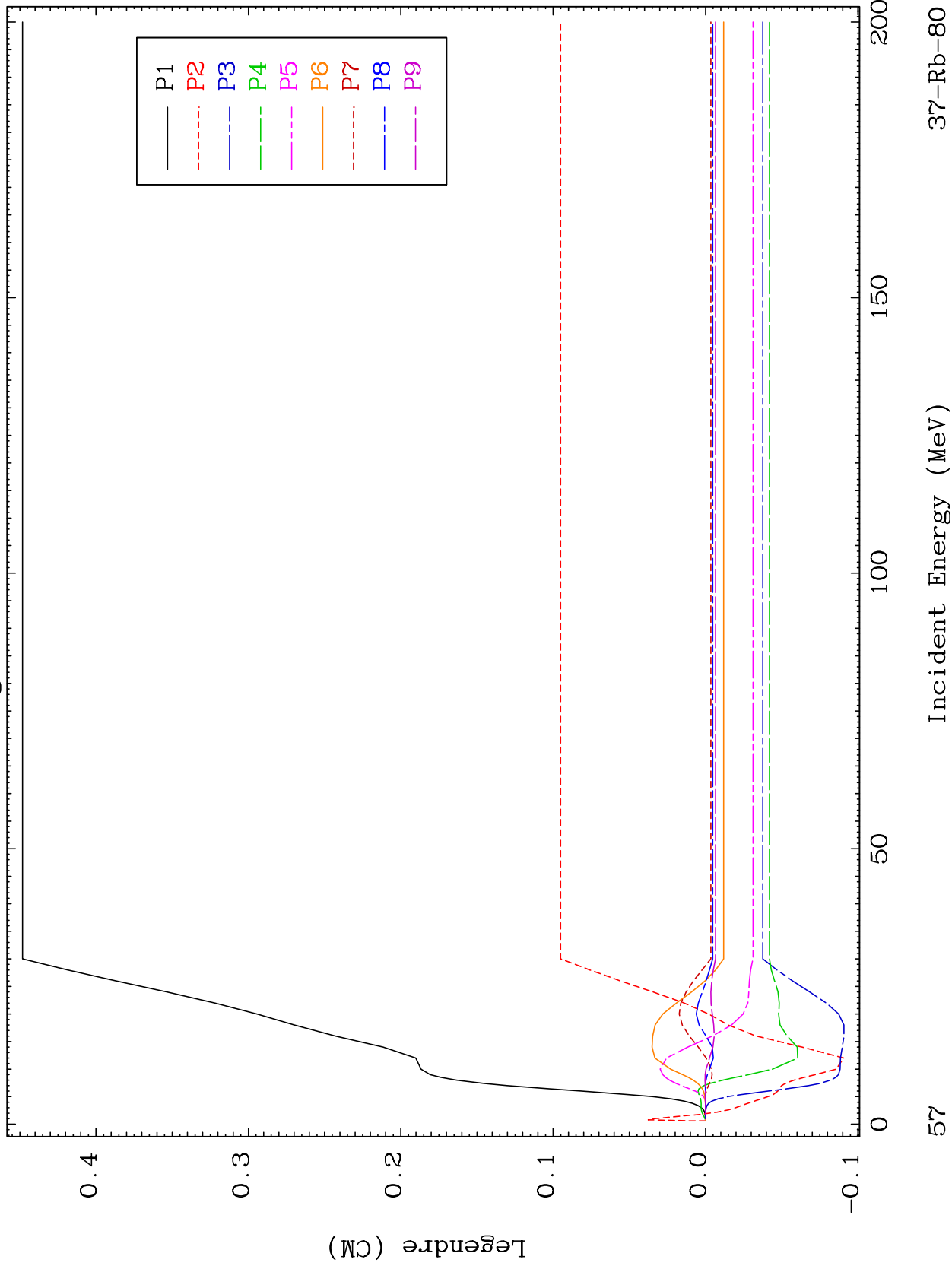
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MAT 3710

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

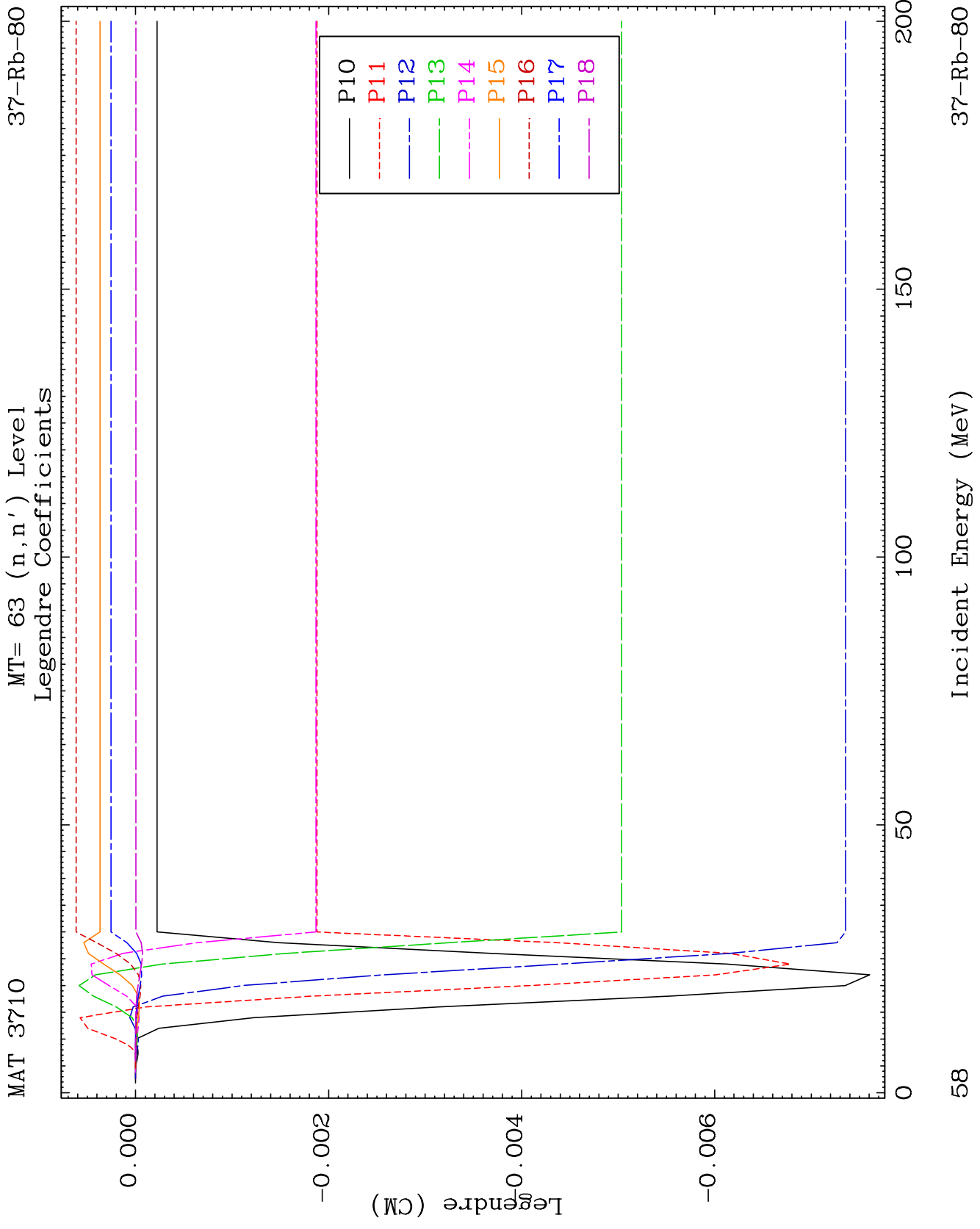
37-Rb-80



37-Rb-80

Incident Energy (MeV)

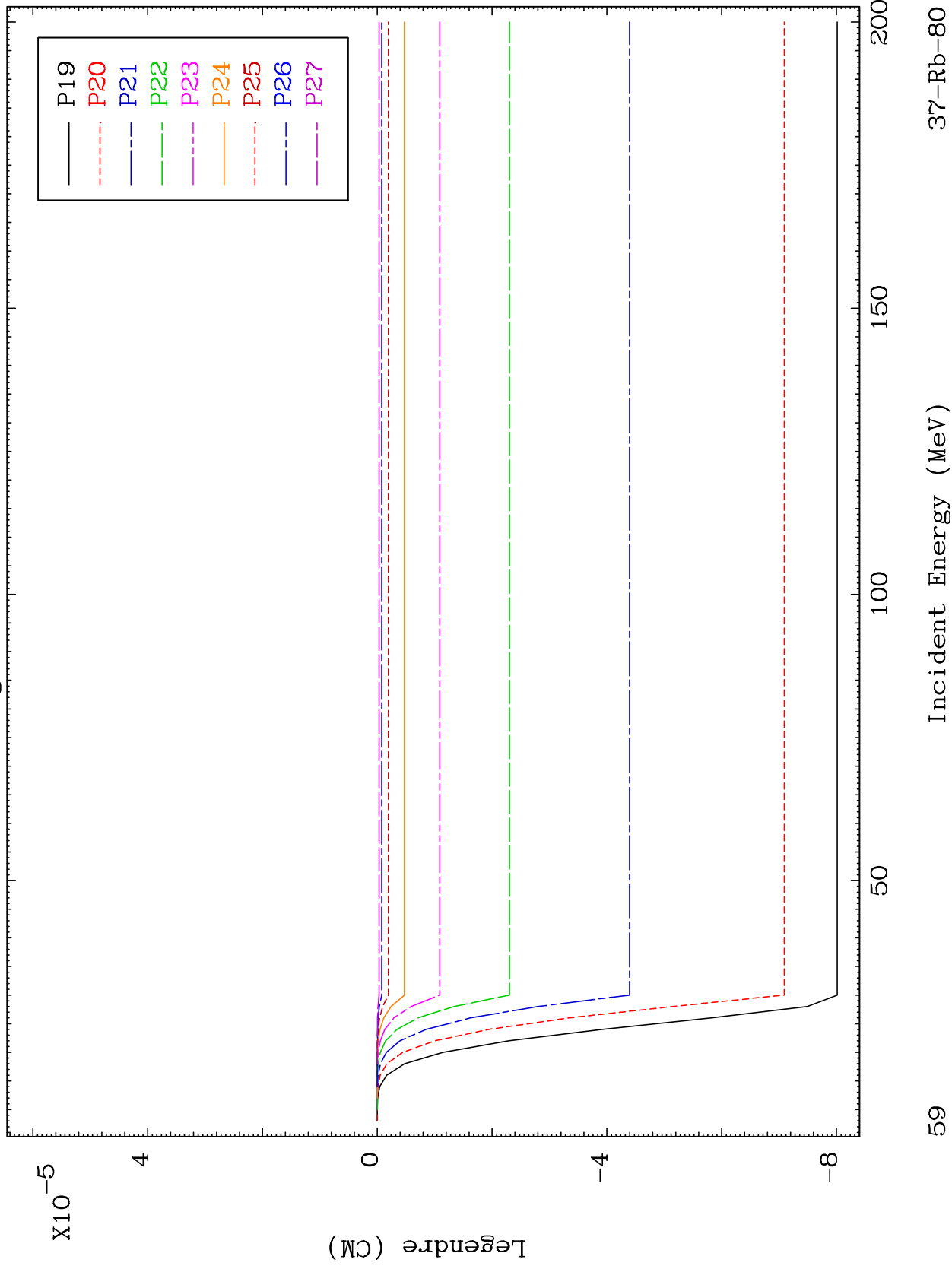
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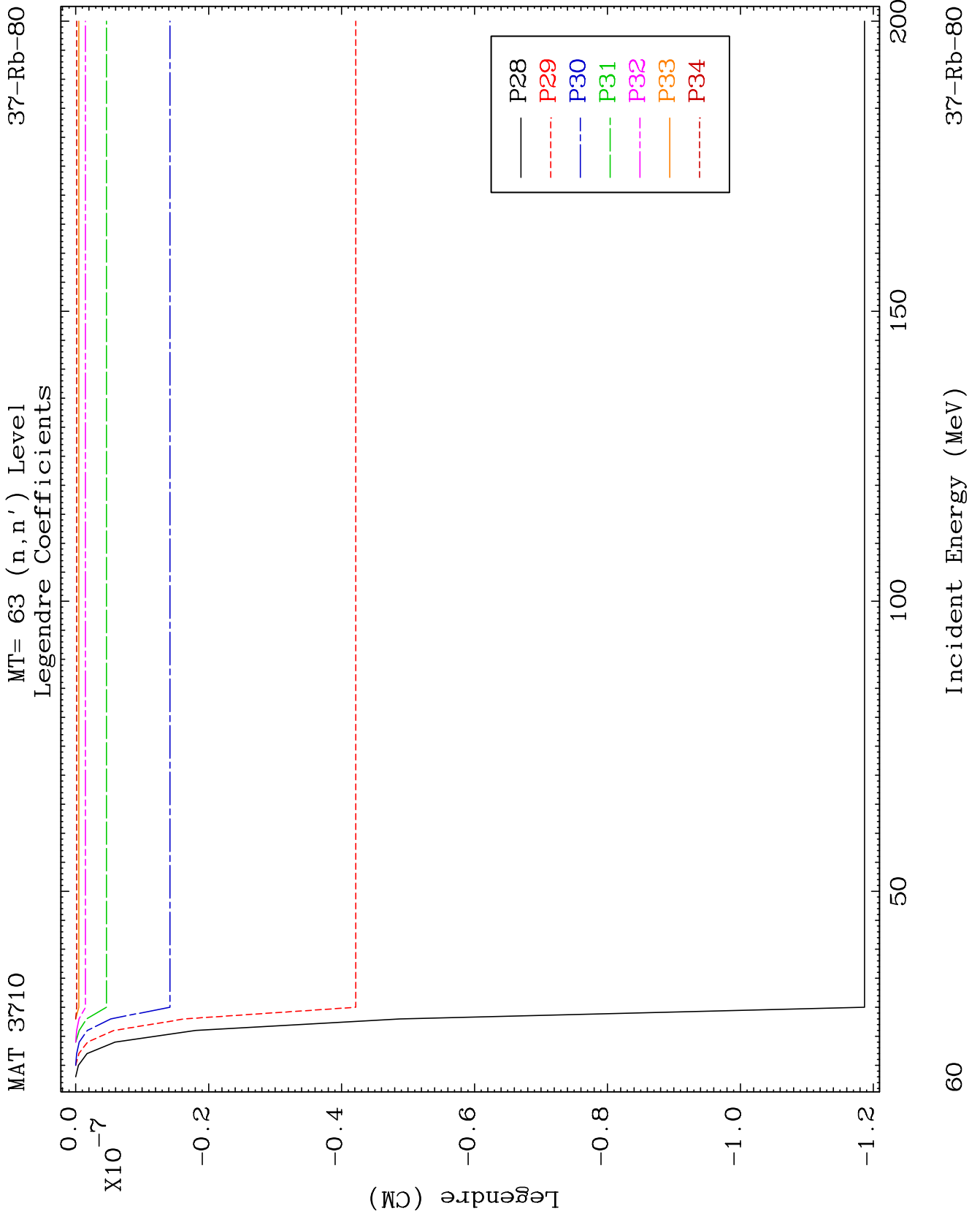


MAT 3710

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

37-Rb-80

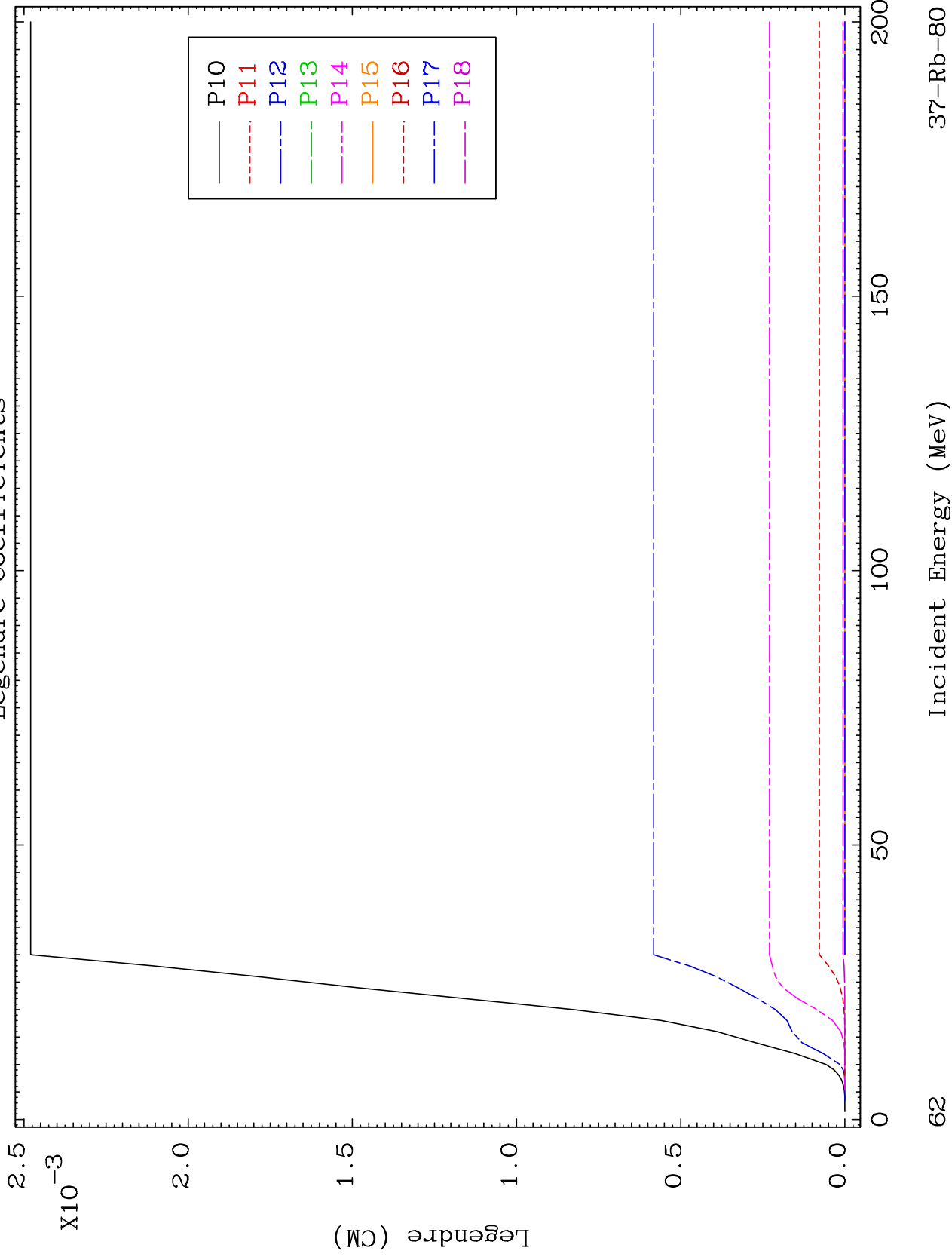




MAT 3710

MT= 64 (n,n') Level
Legendre Coefficients

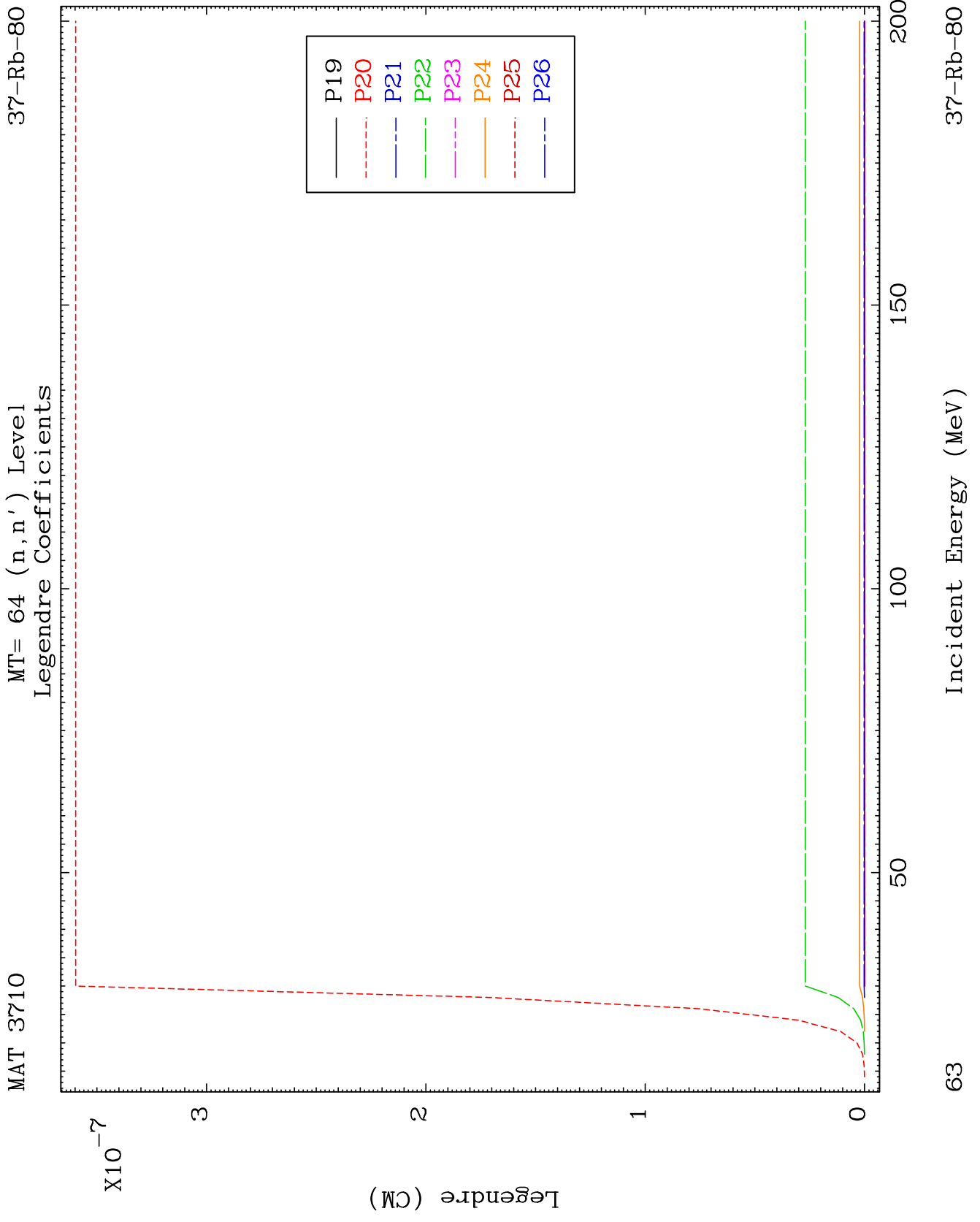
37-Rb-80



62

Incident Energy (MeV)

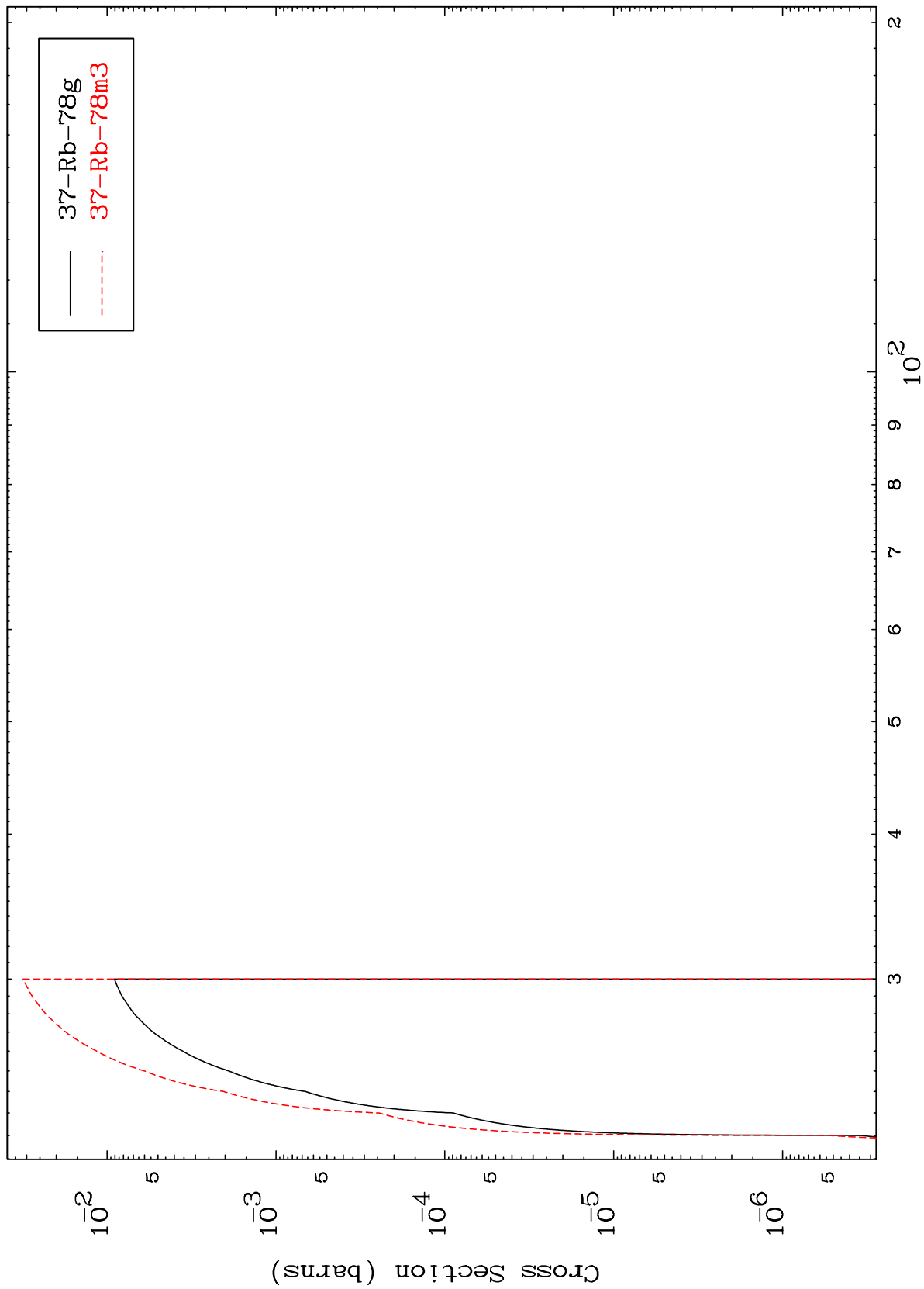
37-Rb-80



MAT 3710

³⁷Rb-80

(n,3n)
Radionuclide Production Cross Section



— 37-Rb-78g
- - - 37-Rb-78m3

64

Incident Energy (MeV)

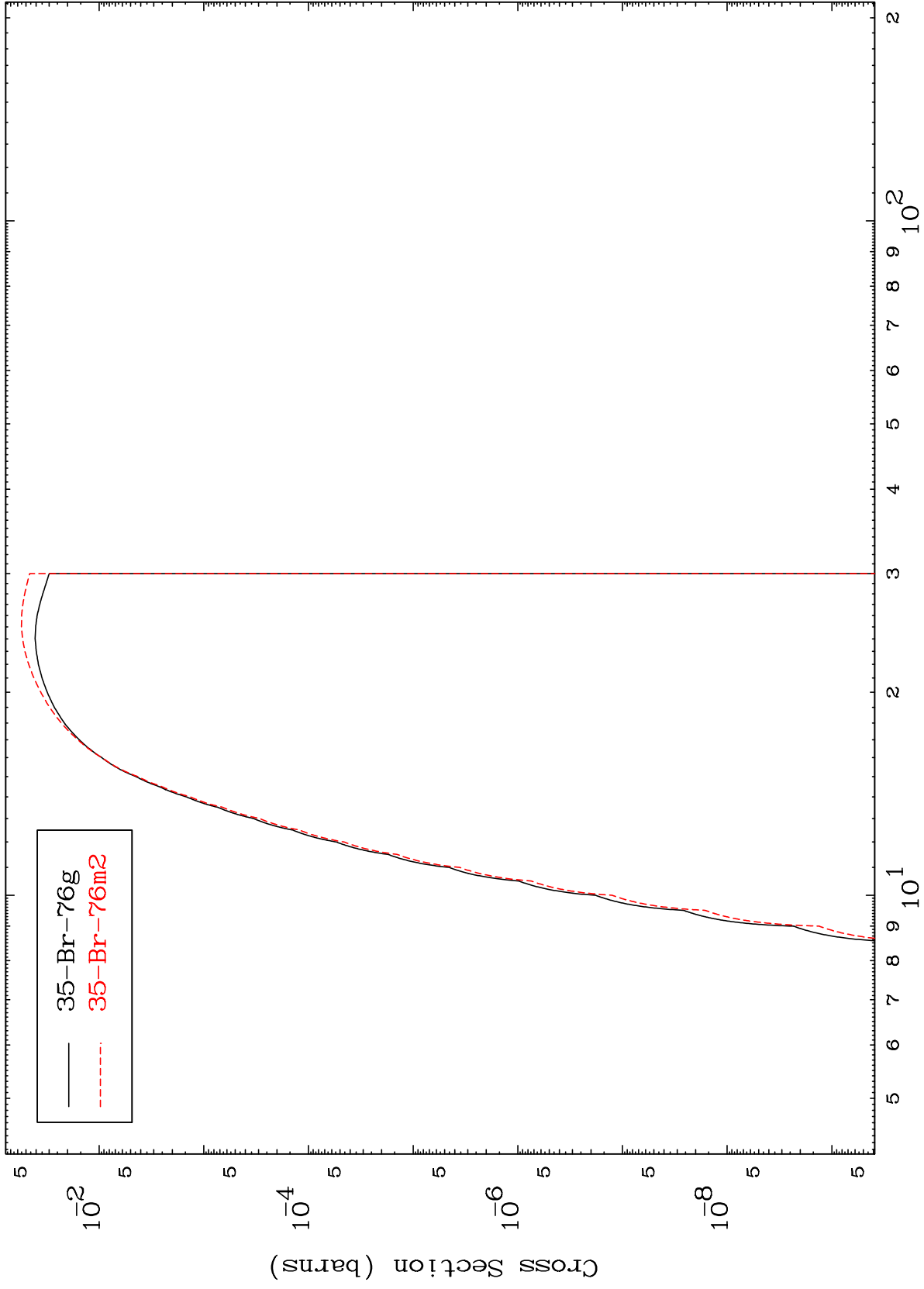
³⁷Rb-80

MAT 3710

37-Rb-80

(n,n') α

Radionuclide Production Cross Section



65

Incident Energy (MeV)

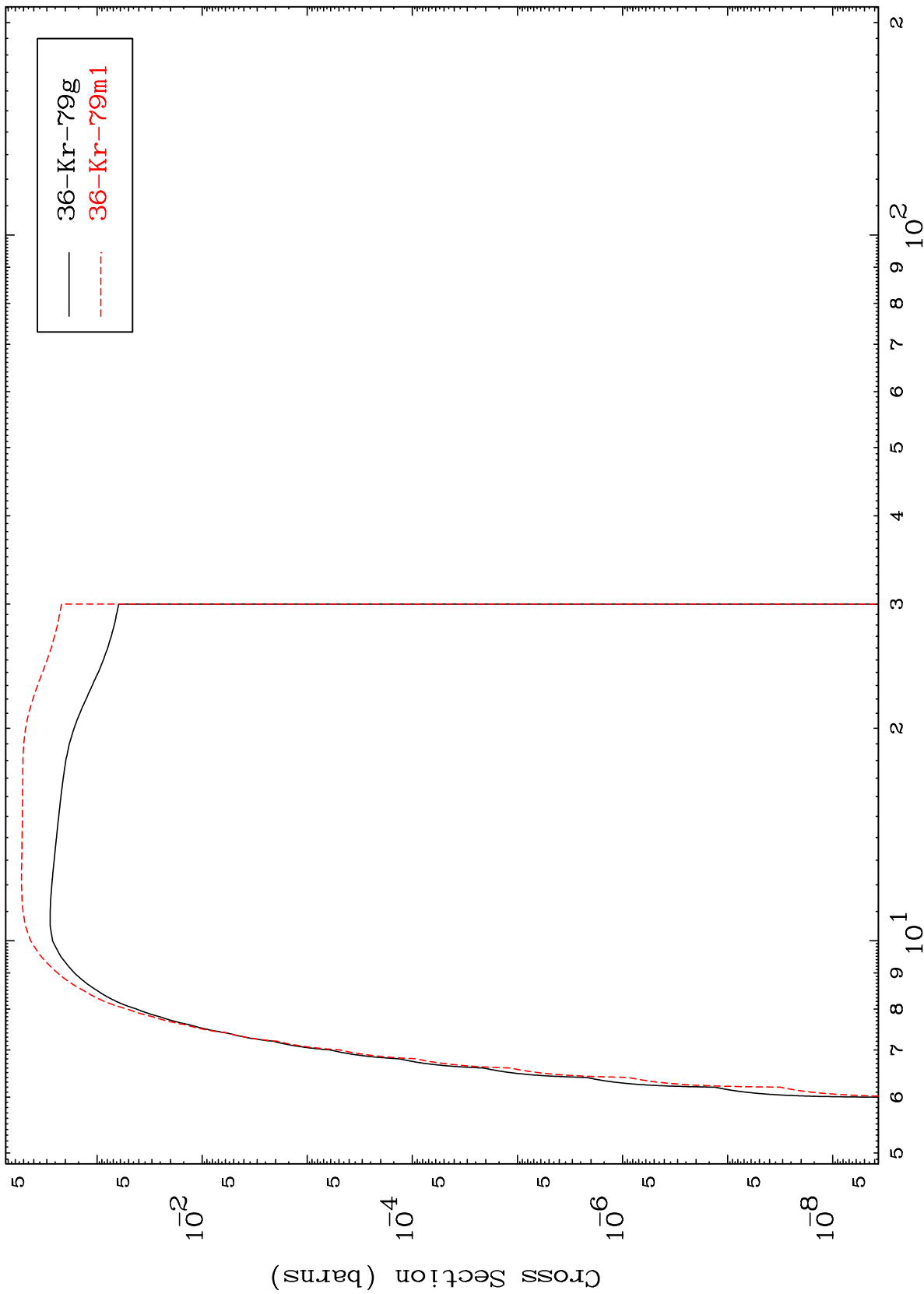
37-Rb-80

MAT 3710

37-Rb-80

(n,n') p

Radionuclide Production Cross Section



66

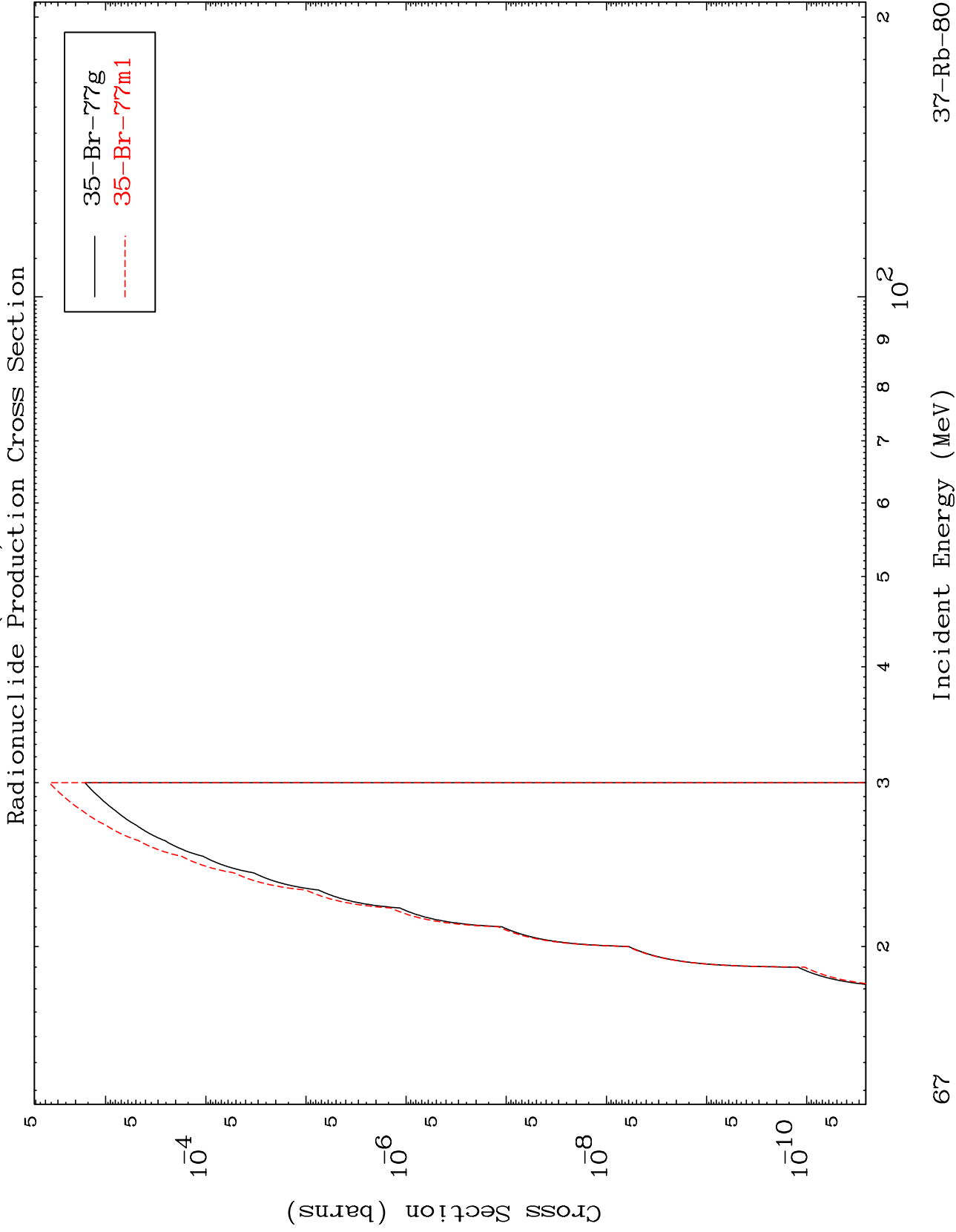
Incident Energy (MeV)

37-Rb-80

MAT 3710

(n,n') He-3

37-Rb-80



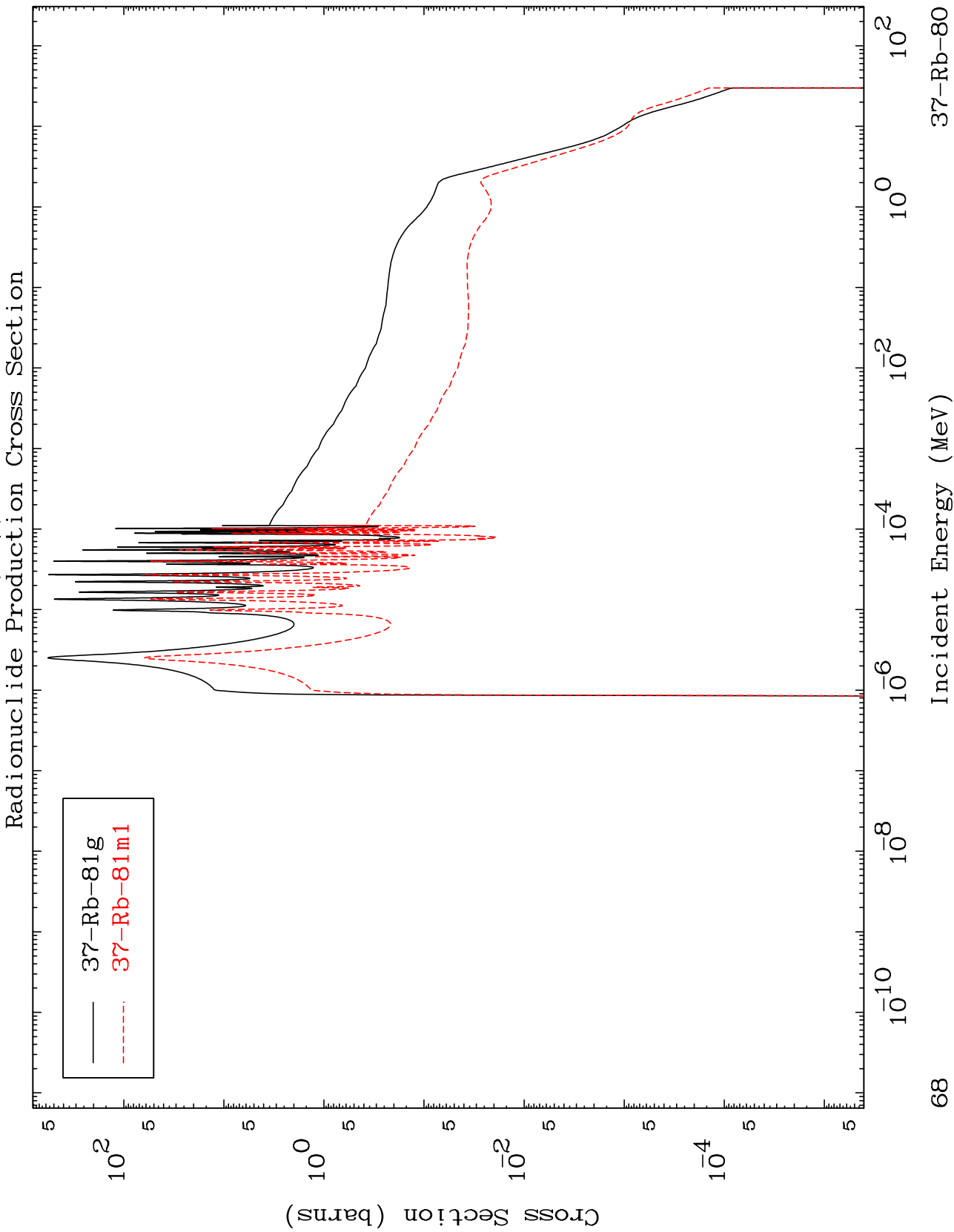
67

Incident Energy (MeV)

37-Rb-80

MAT 3710

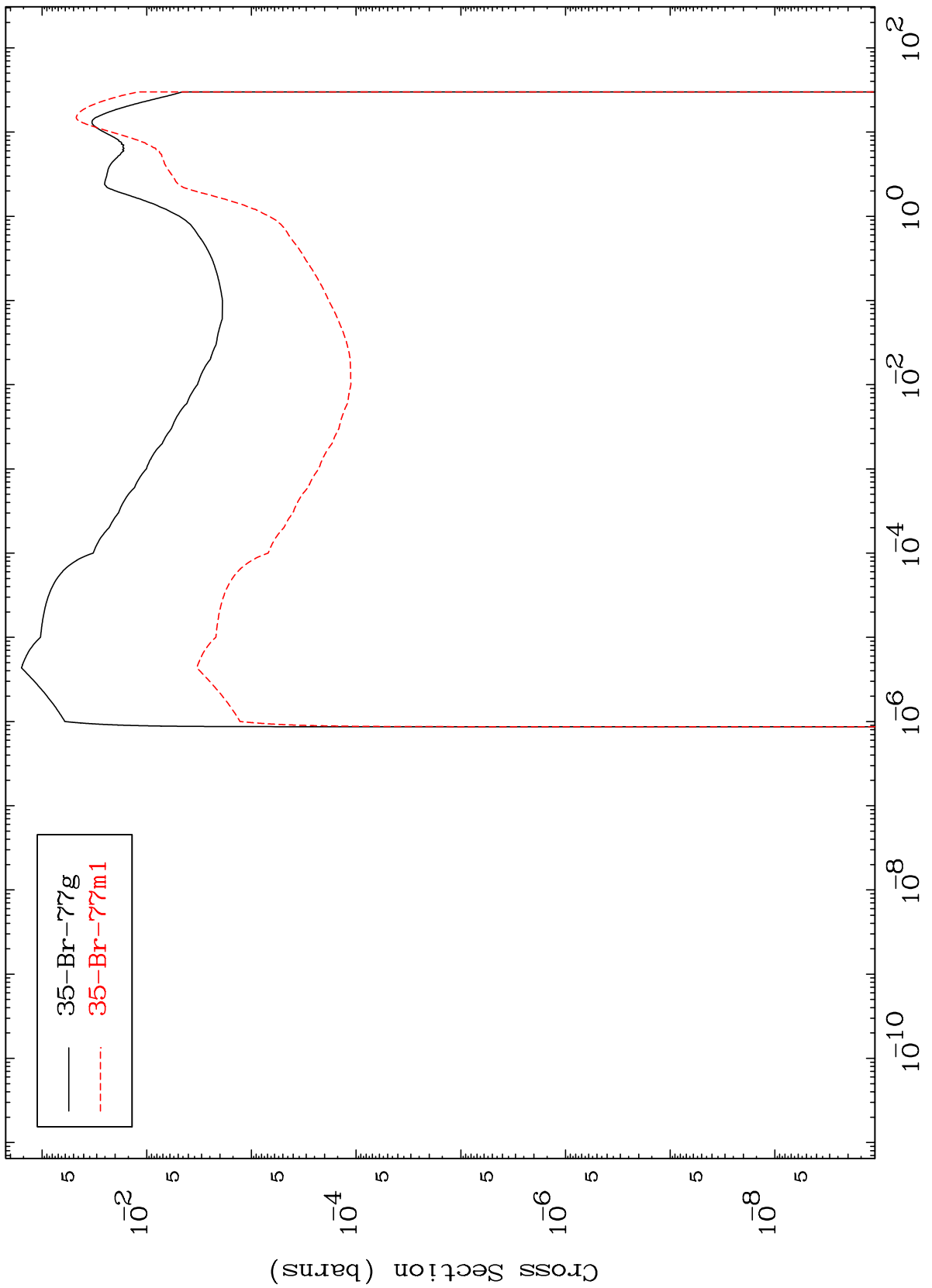
37-Rb-80



MAT 3710

37-Rb-80

Radionuclide Production Cross Section

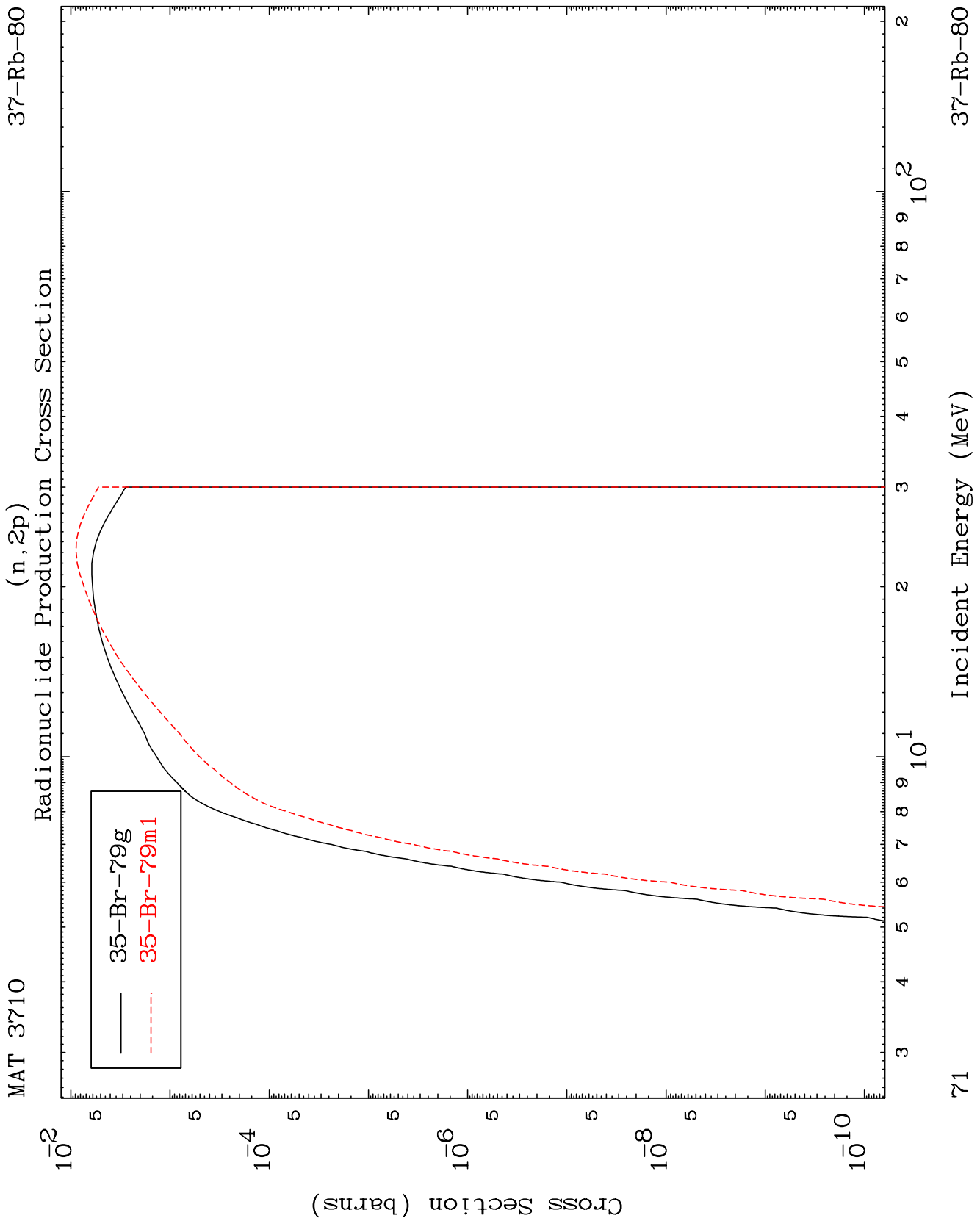


— 35-Br-77g
- - - 35-Br-77m1

70

Incident Energy (MeV)

37-Rb-80

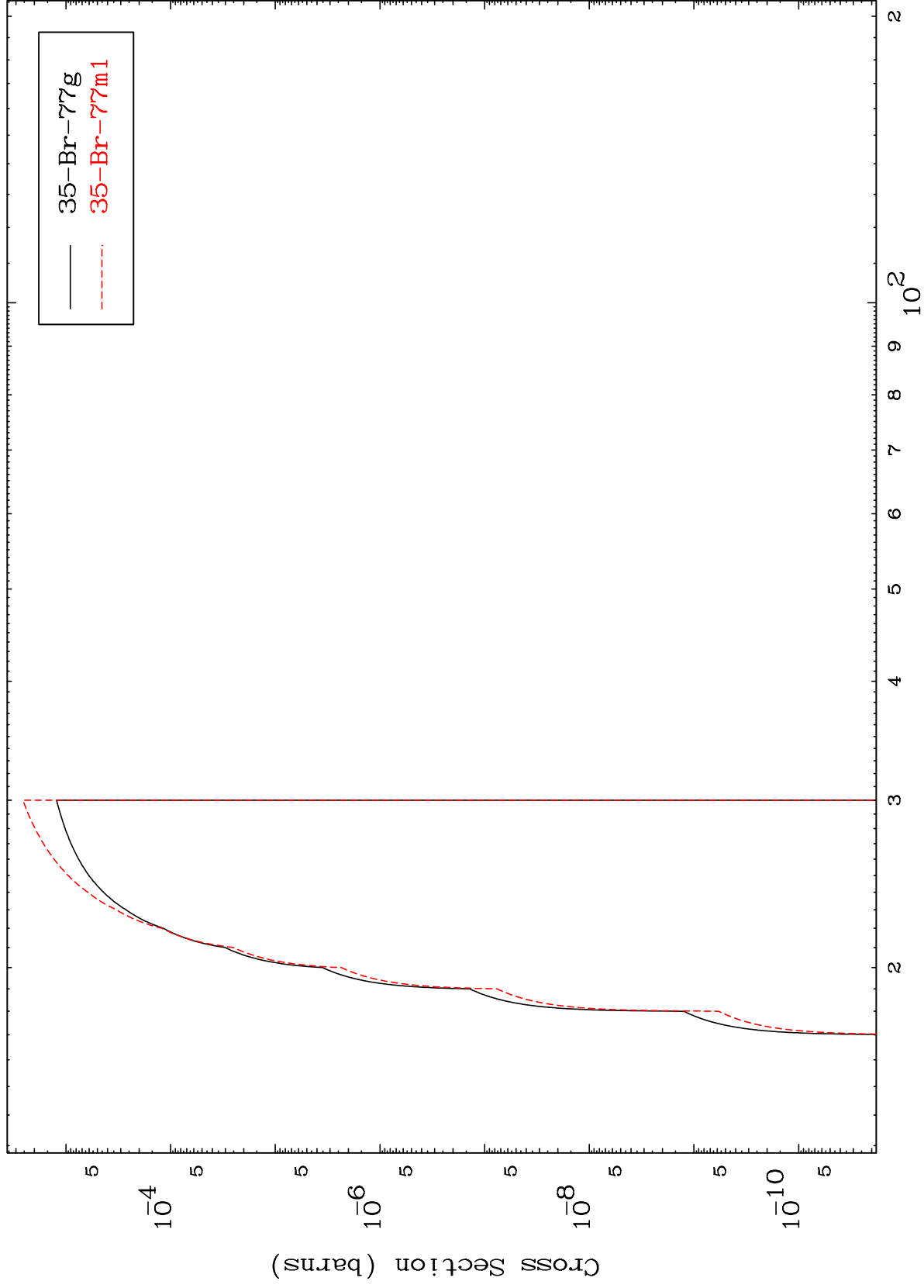


MAT 3710

(n,p) t

37-Rb-80

Radionuclide Production Cross Section



72

Incident Energy (MeV)

37-Rb-80