

Program EVALPLOT
(Version 2018-1)

by

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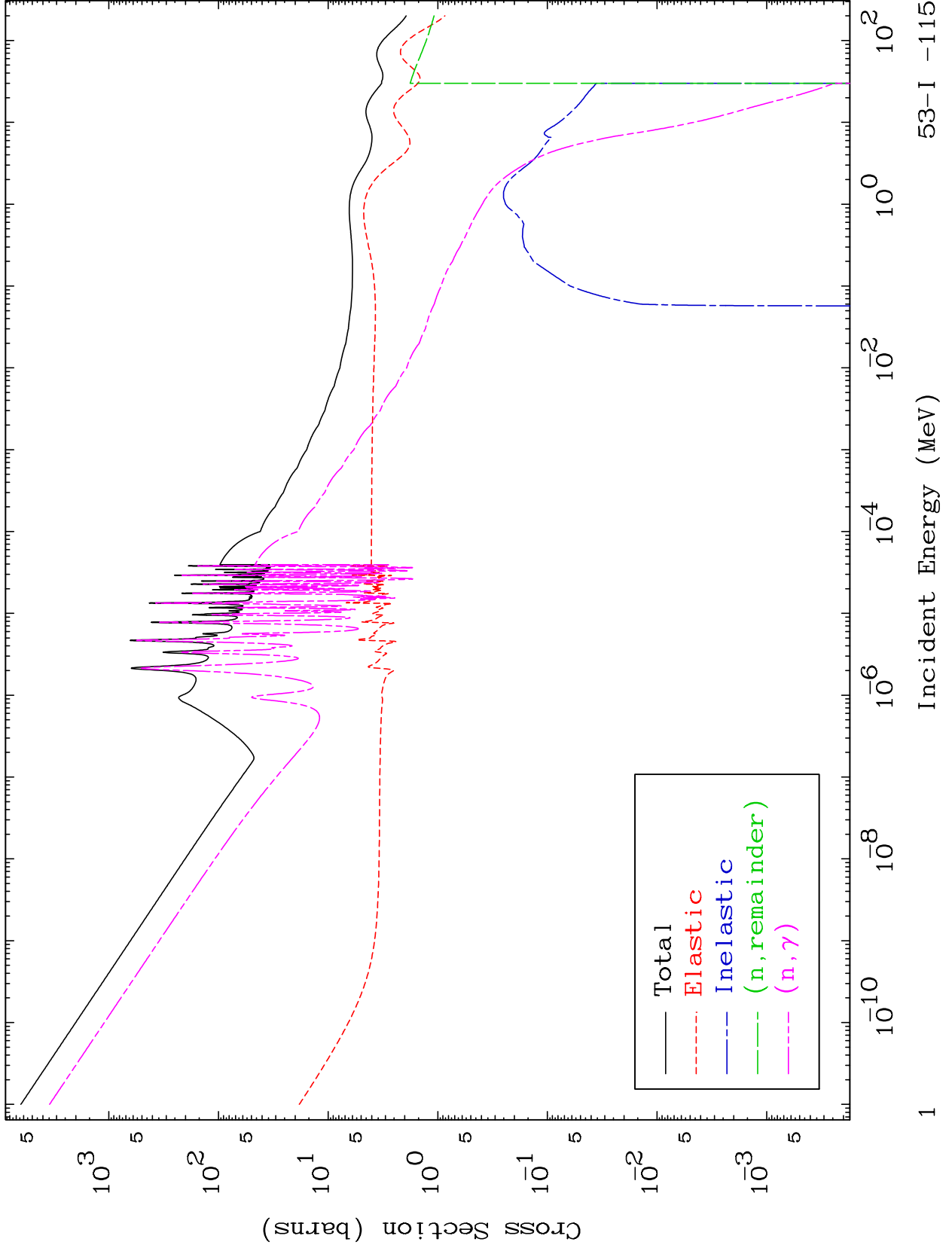
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5289

Major
293 Kelvin Cross Sections

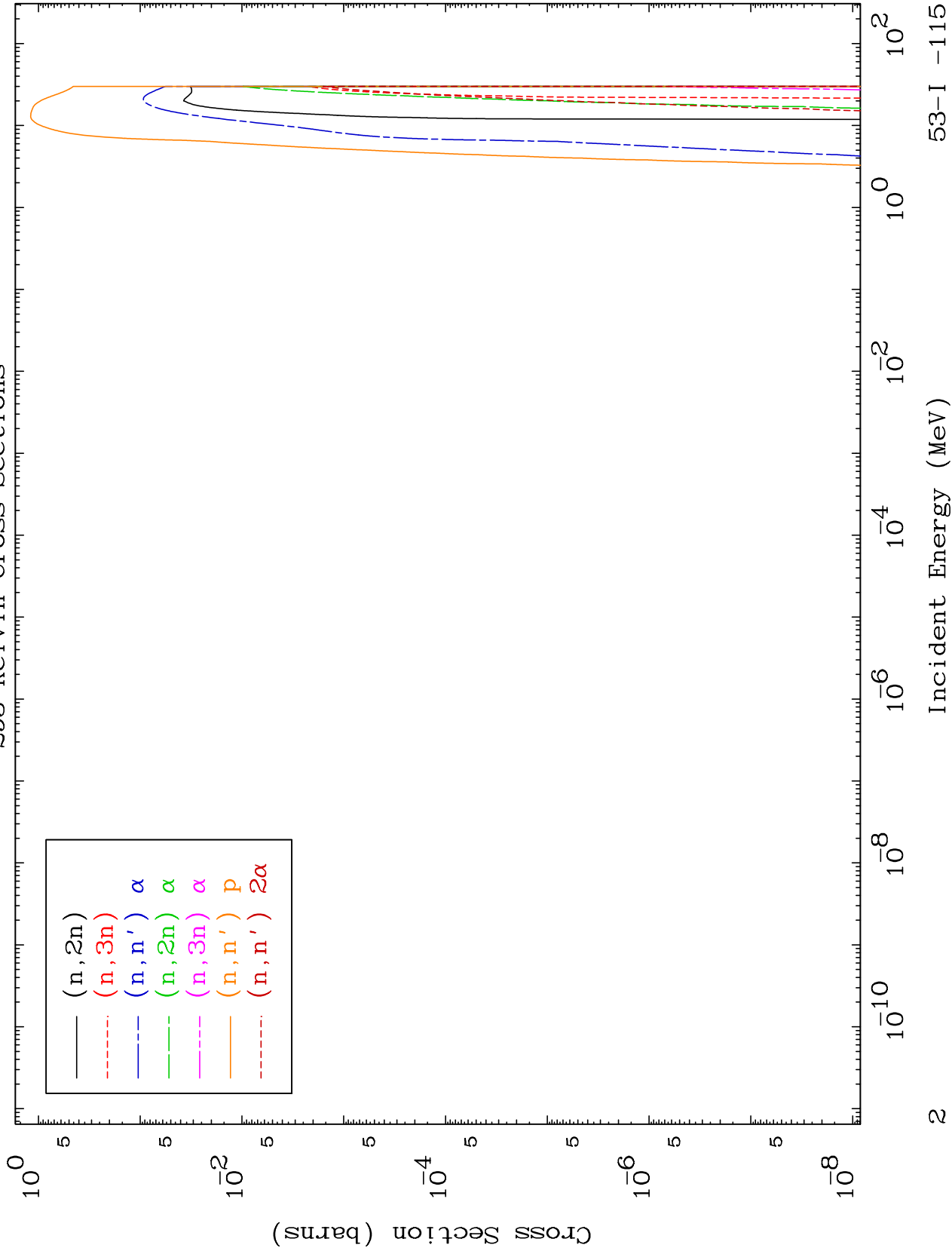
53-I -115

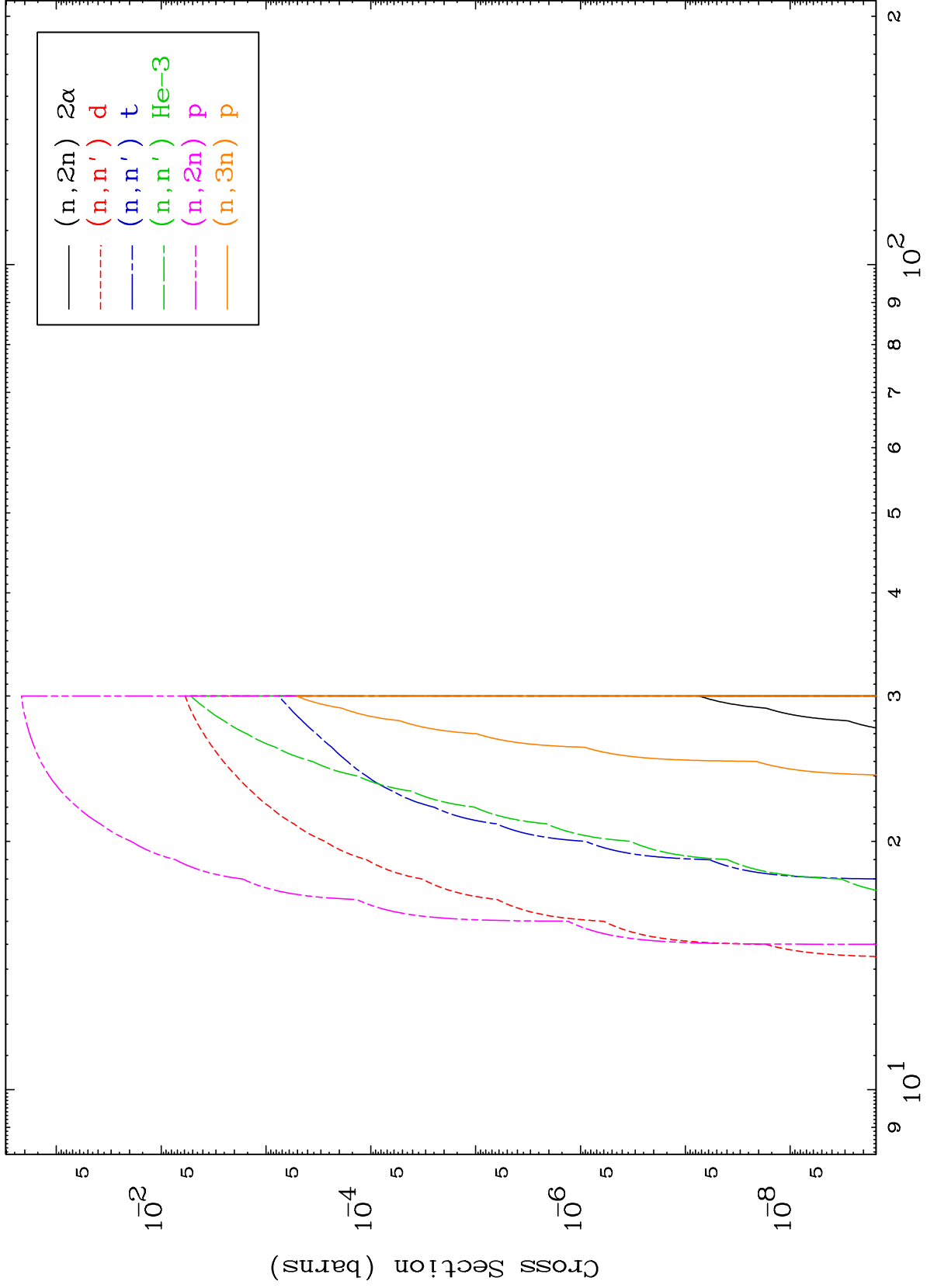


MAT 5289

Neutron Production
293 Kelvin Cross Sections

53-I -115

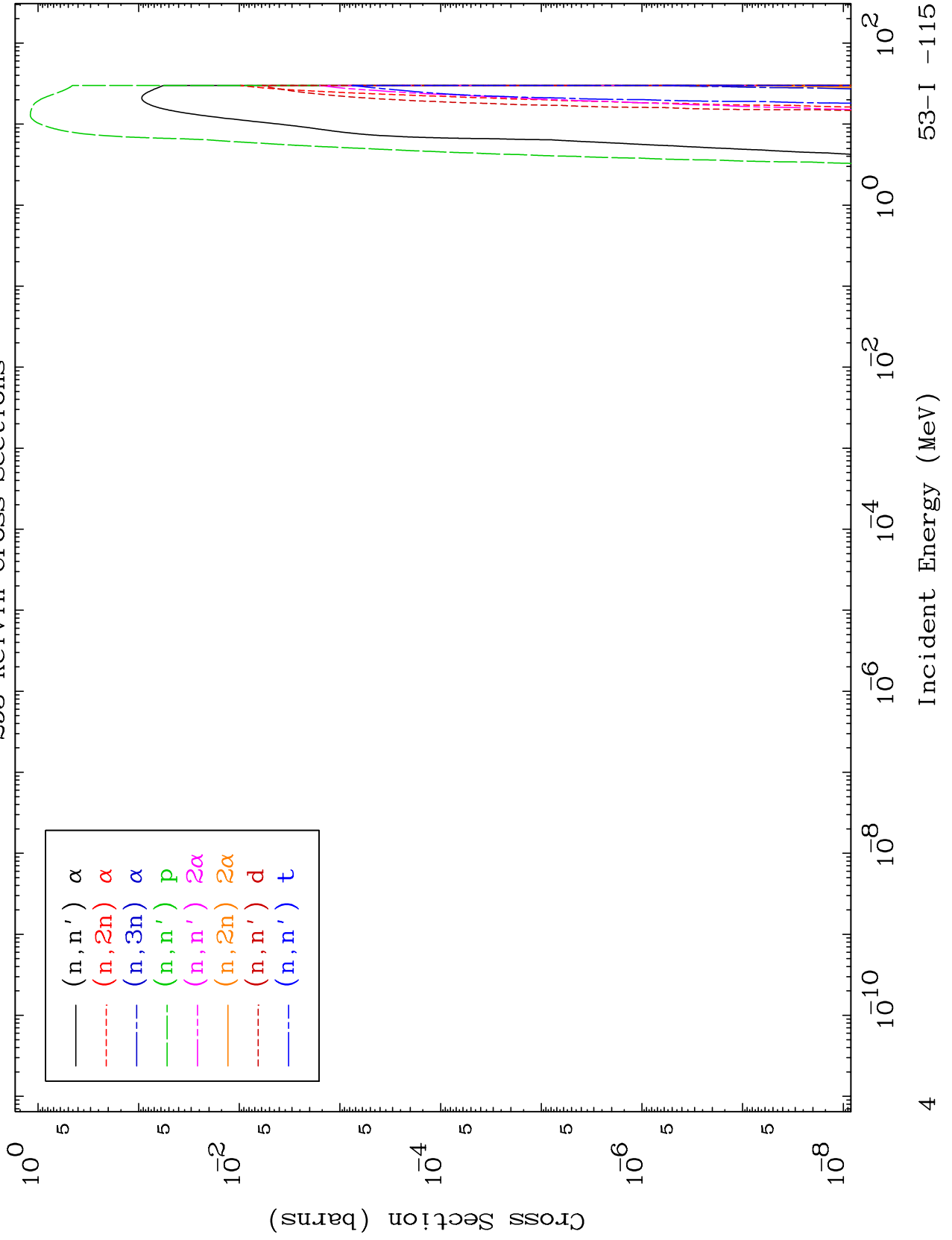


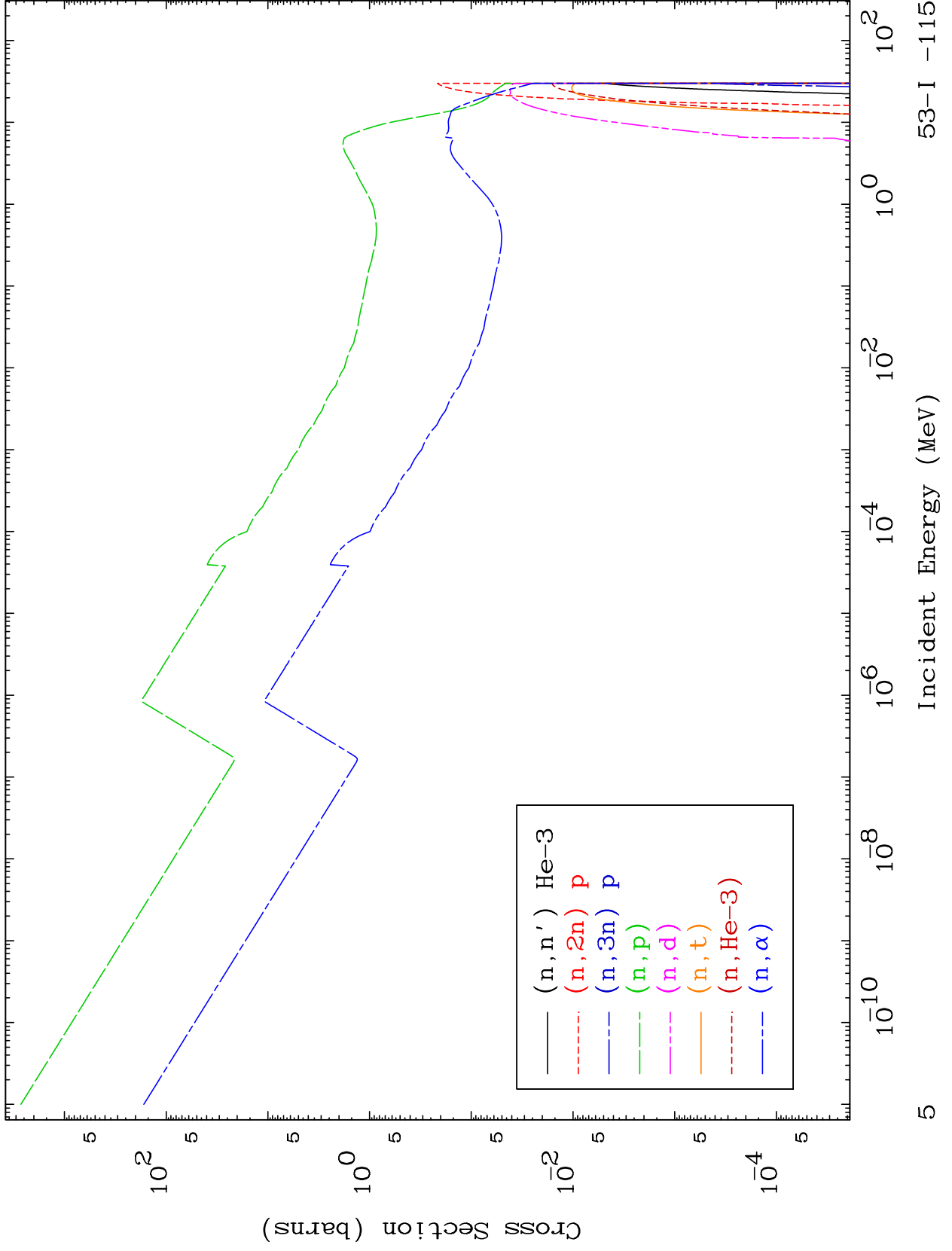


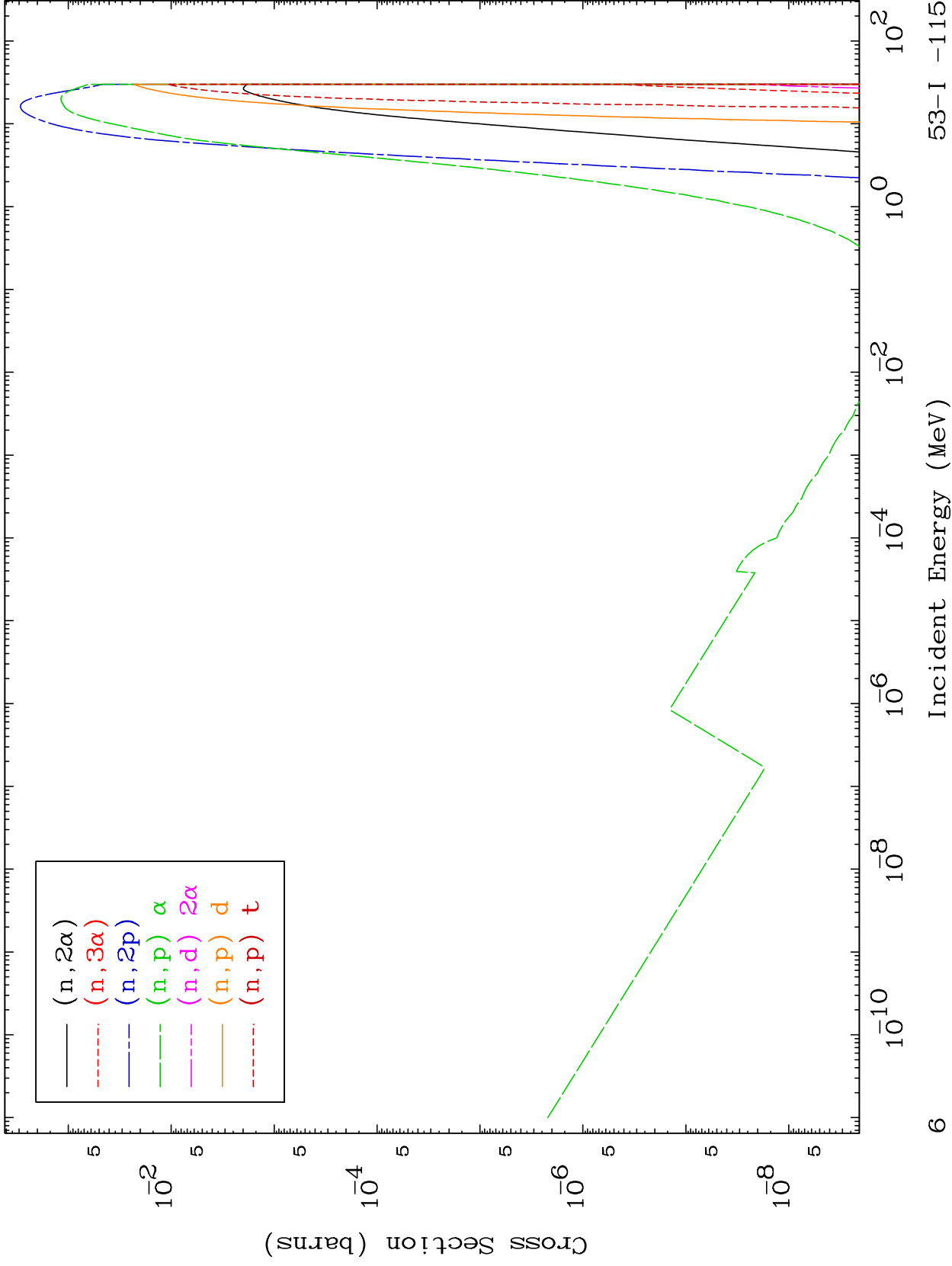
MAT 5289

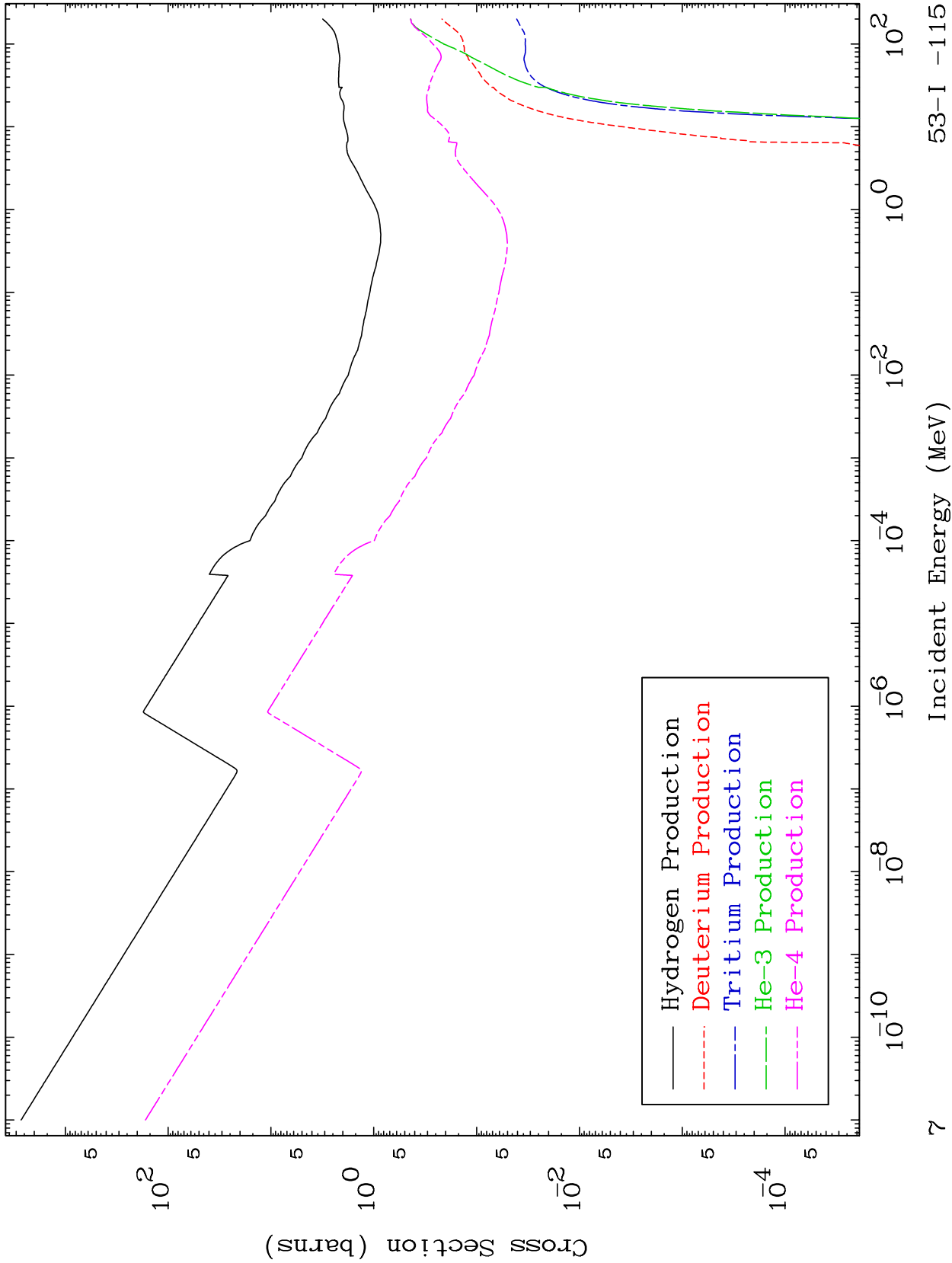
Charged Particle
293 Kelvin Cross Sections

53-I -115

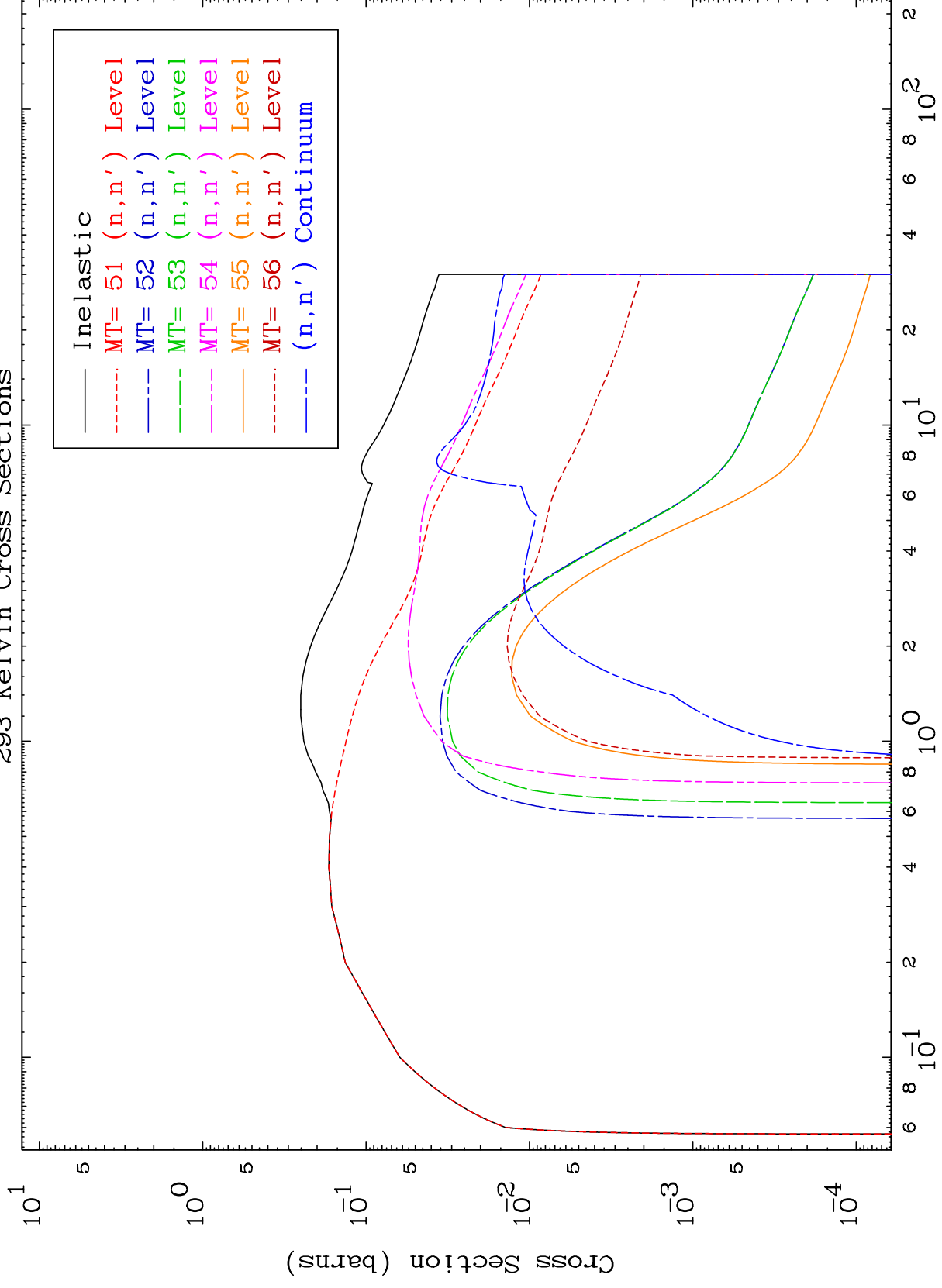








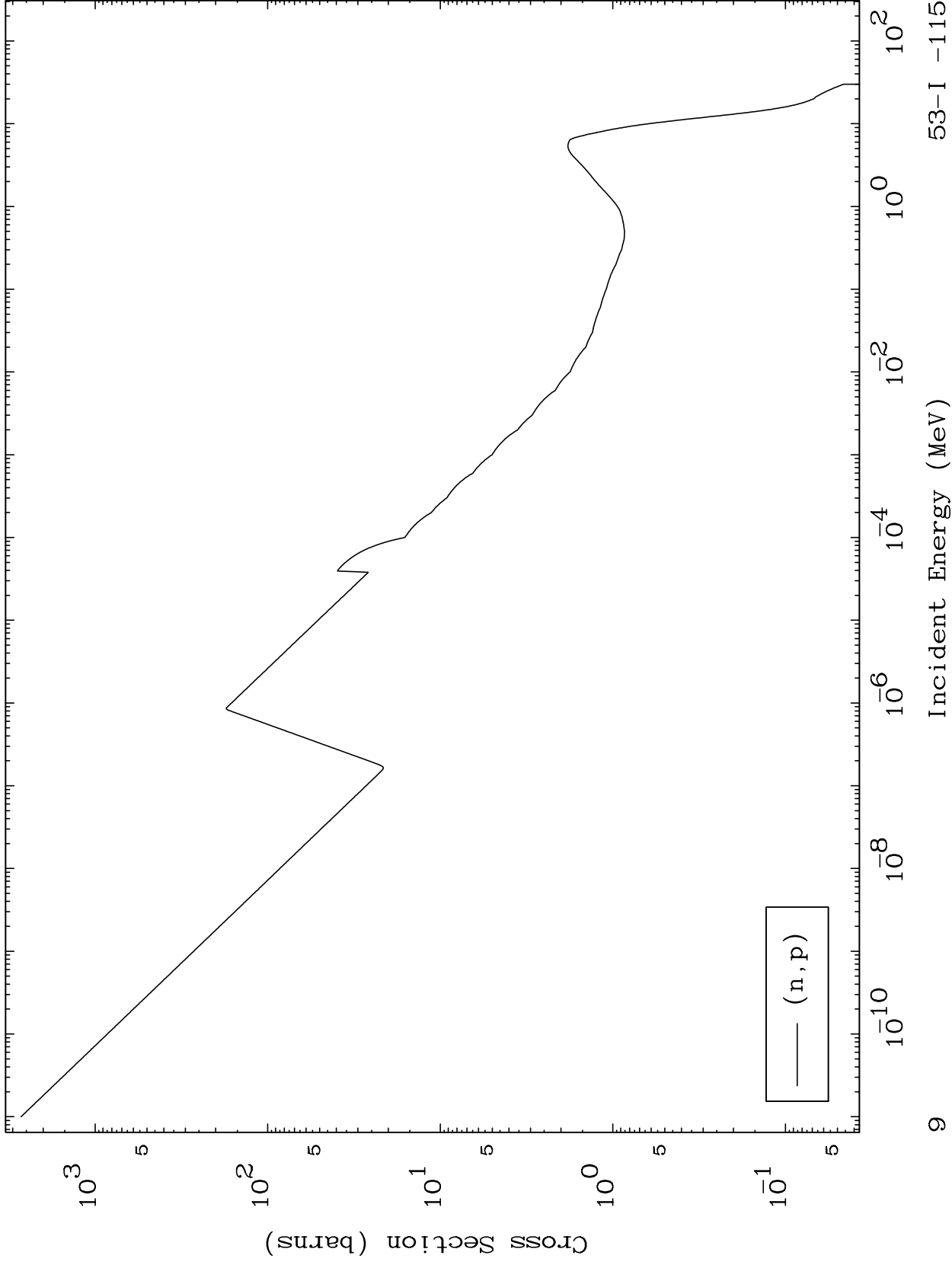
293 Kelvin Cross Sections



MAT 5289

(n,p) Levels
293 Kelvin Cross Sections

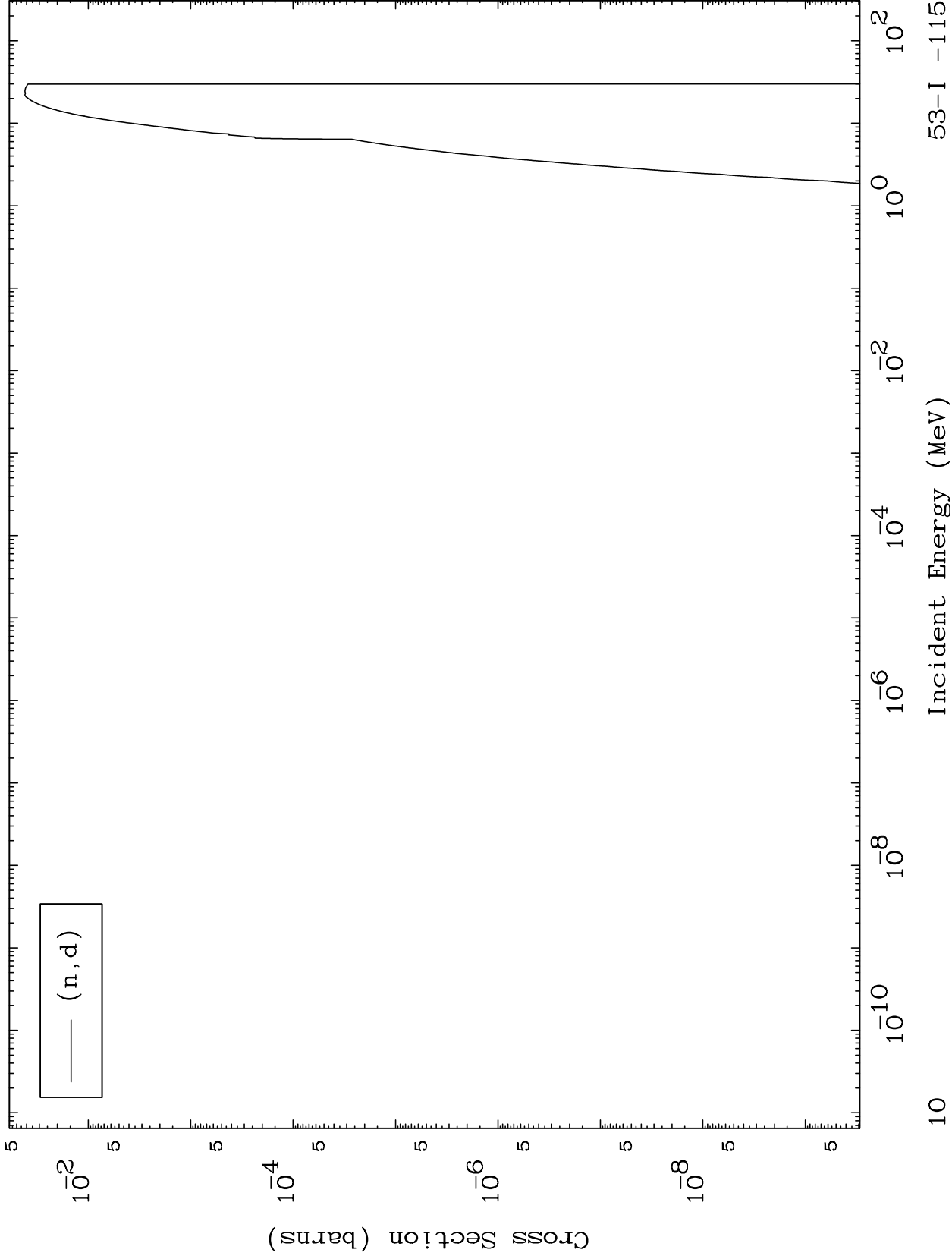
53-I -115



MAT 5289

(n,d) Levels
293 Kelvin Cross Sections

53-I -115



10

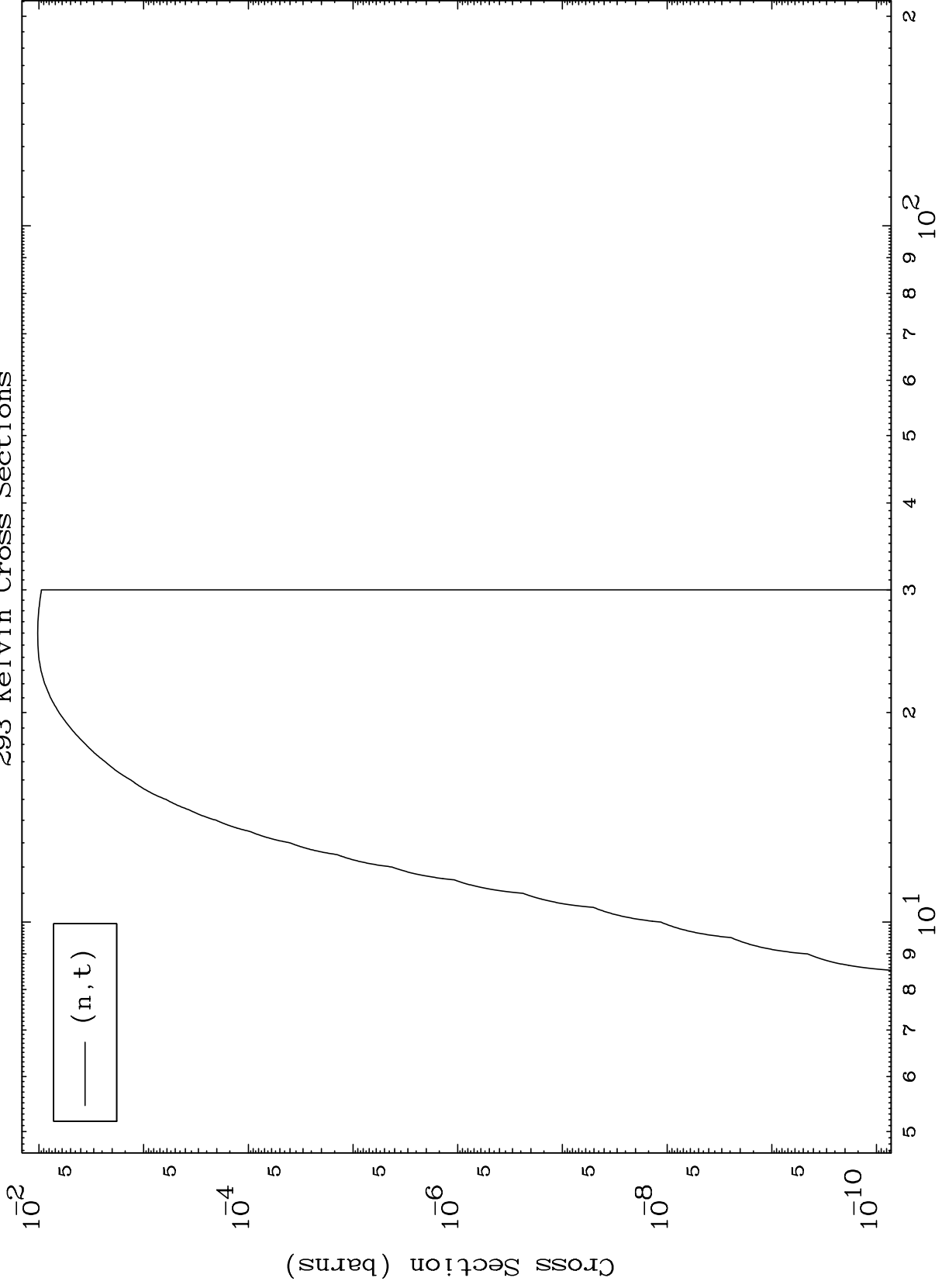
Incident Energy (MeV)

53-I -115

MAT 5289

(n,t) Levels
293 Kelvin Cross Sections

53-I -115



(n,t)

11

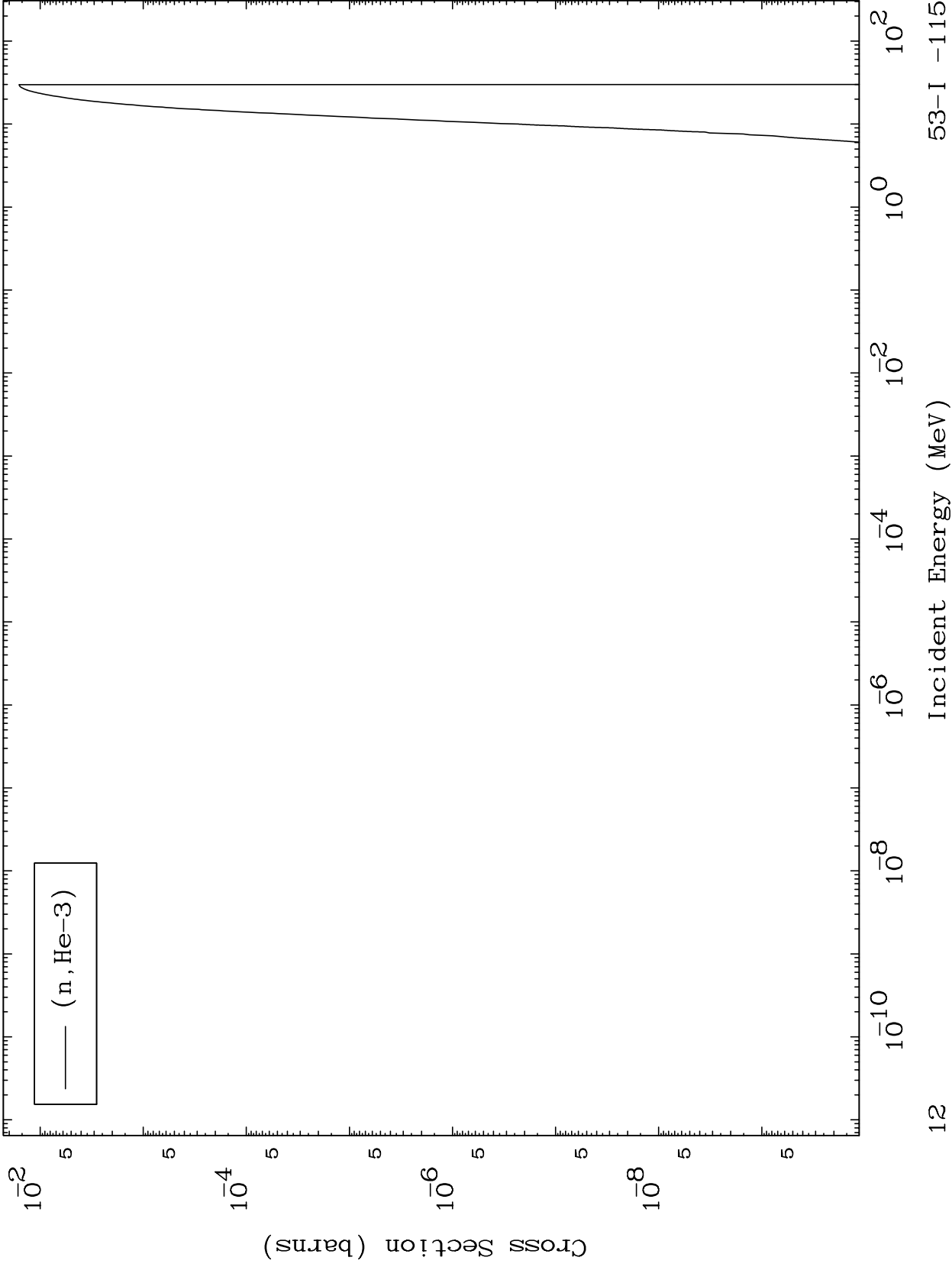
Incident Energy (MeV)

53-I -115

MAT 5289

(n,He3) Levels
293 Kelvin Cross Sections

53-I -115



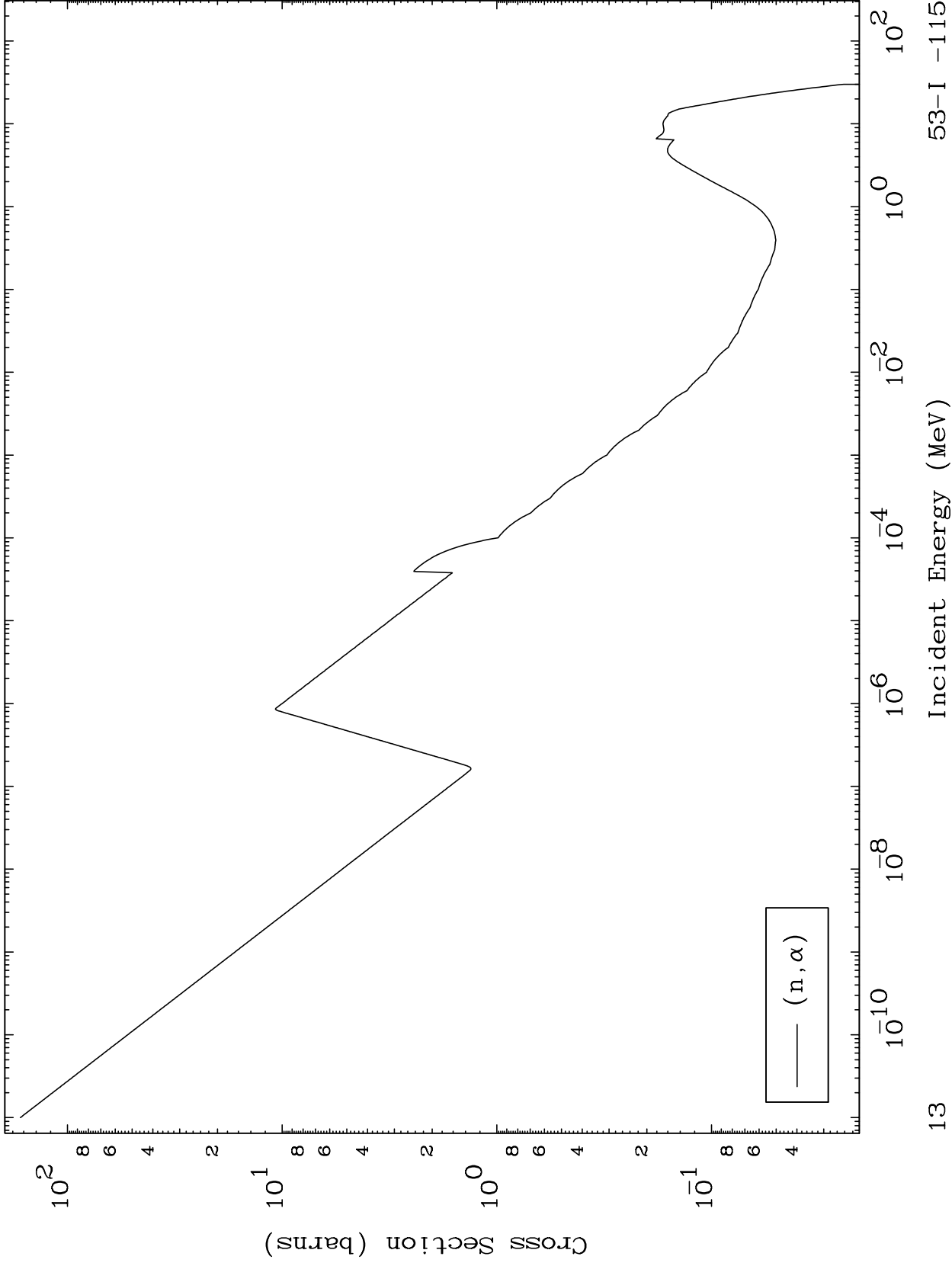
12

53-I -115

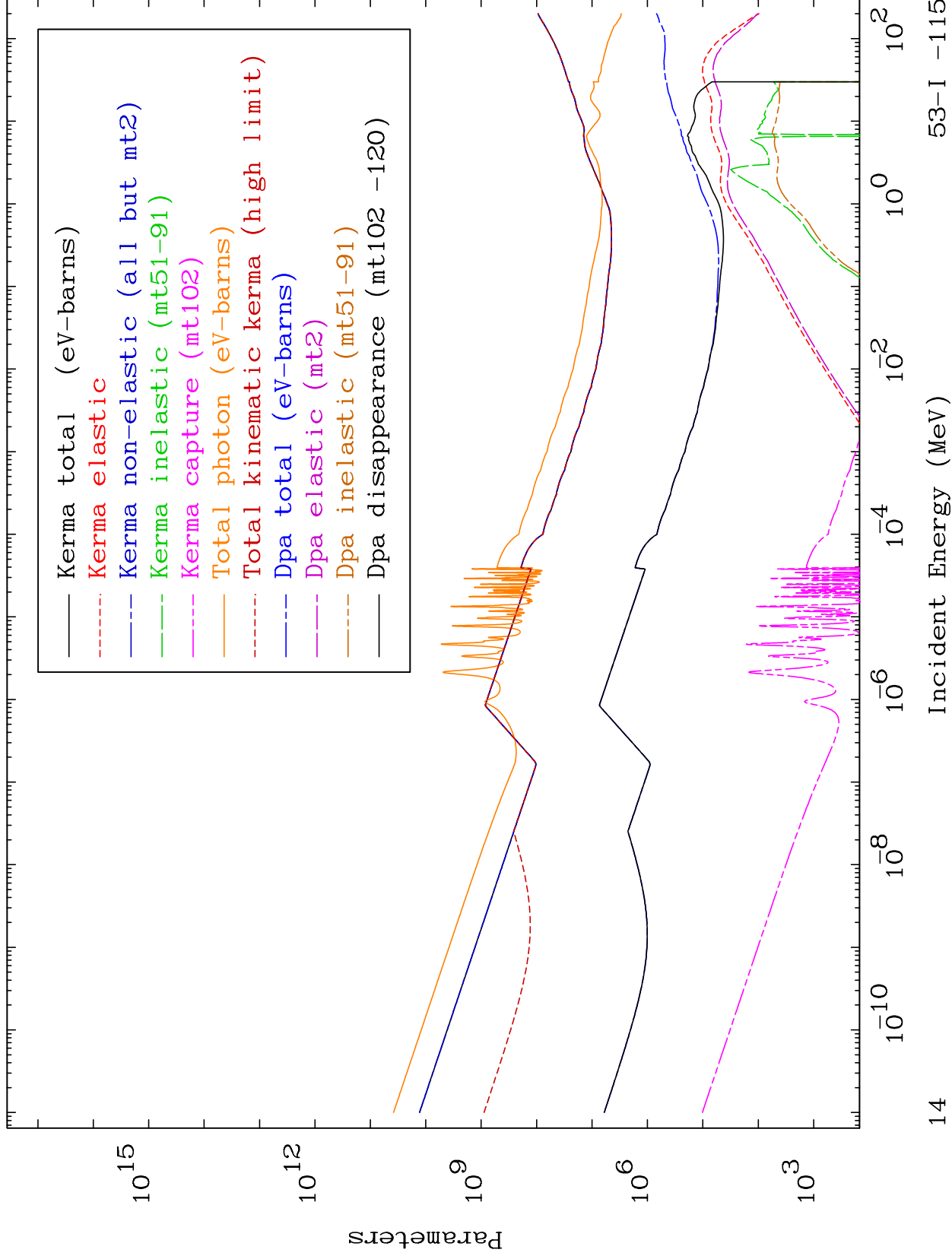
MAT 5289

(n,α) Levels
293 Kelvin Cross Sections

53-I -115



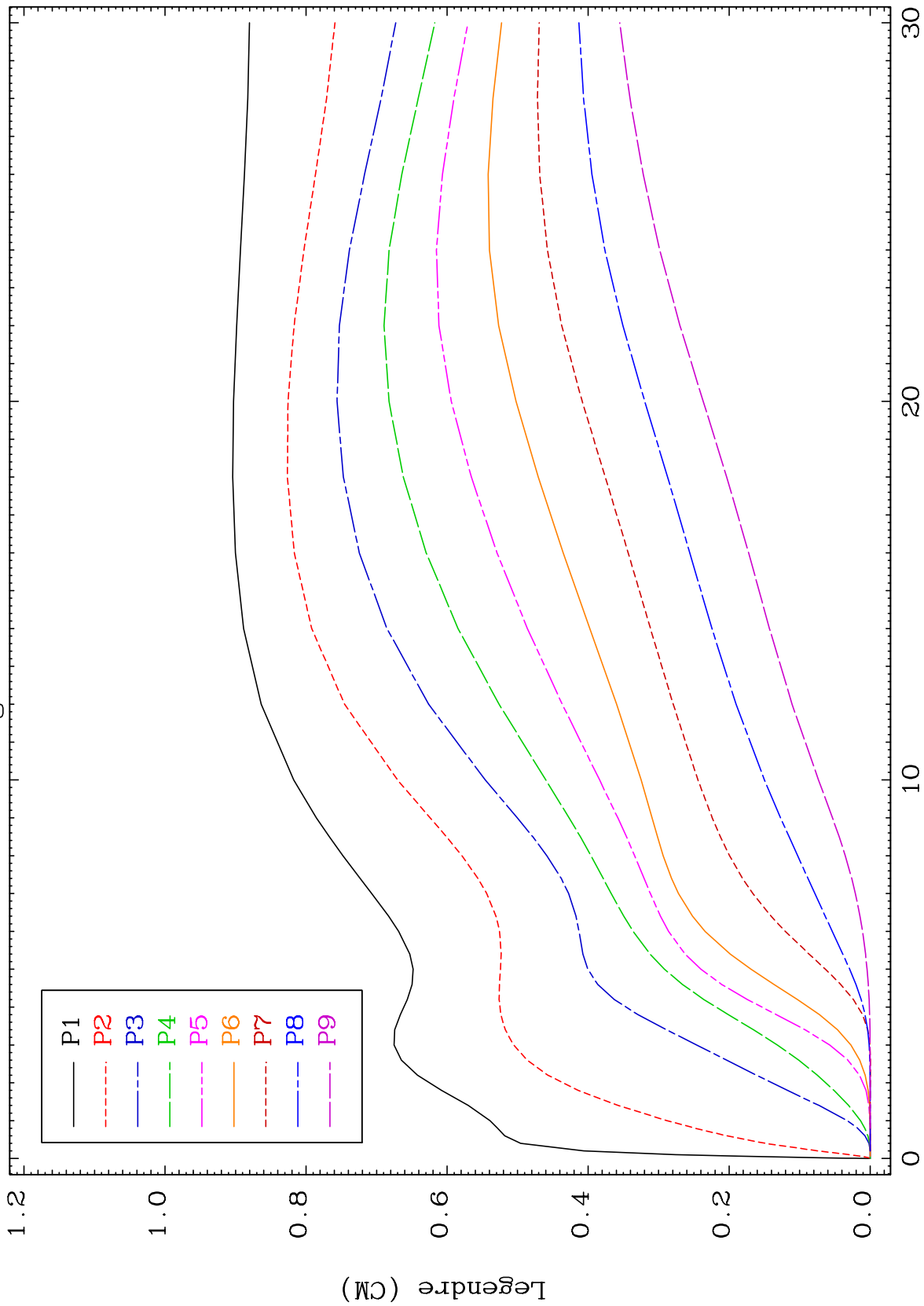
13



MAT 5289

Elastic Legendre Coefficients

53-I -115



15

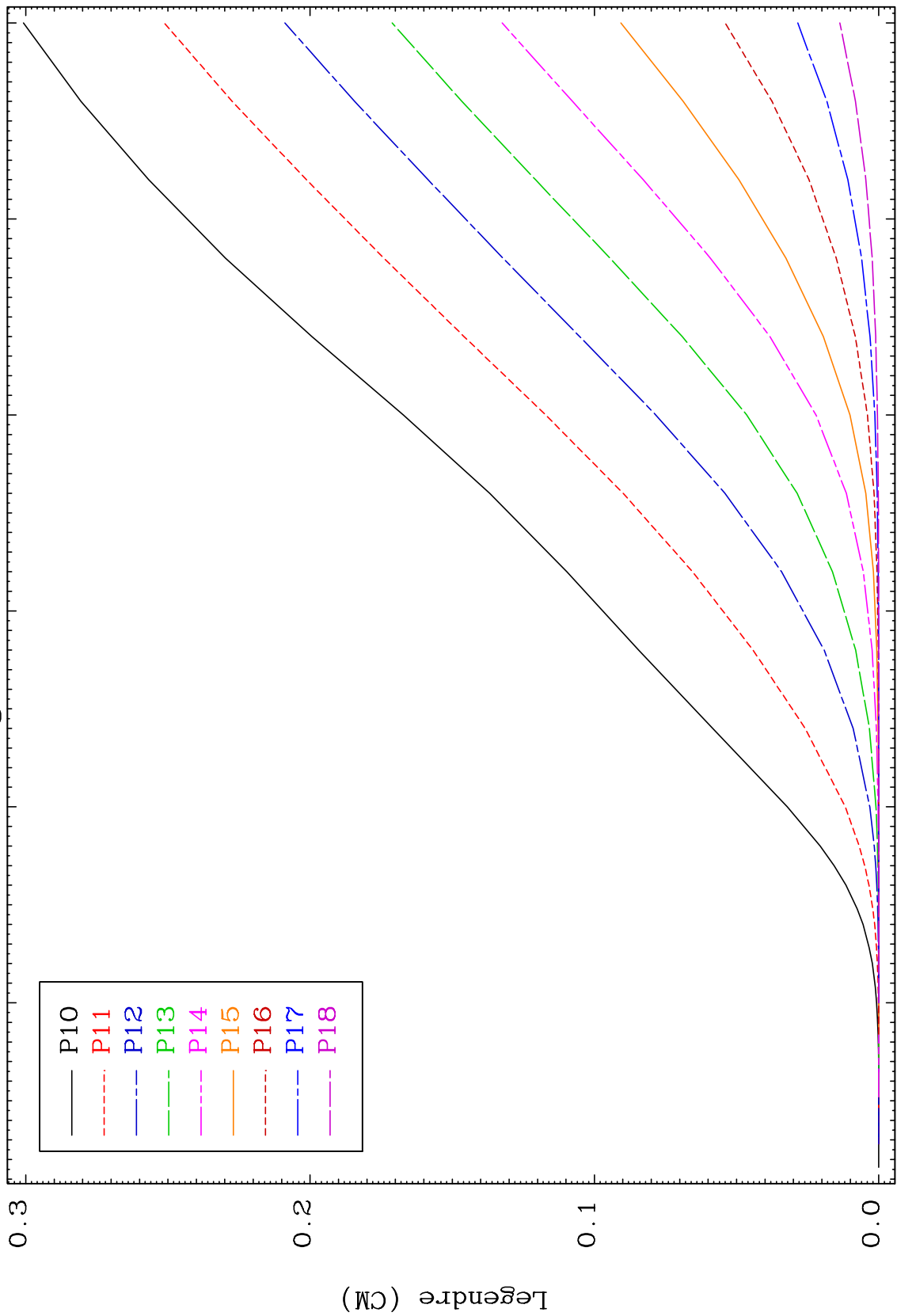
Incident Energy (MeV)

53-I -115

MAT 5289

Elastic Legendre Coefficients

53-I -115



16

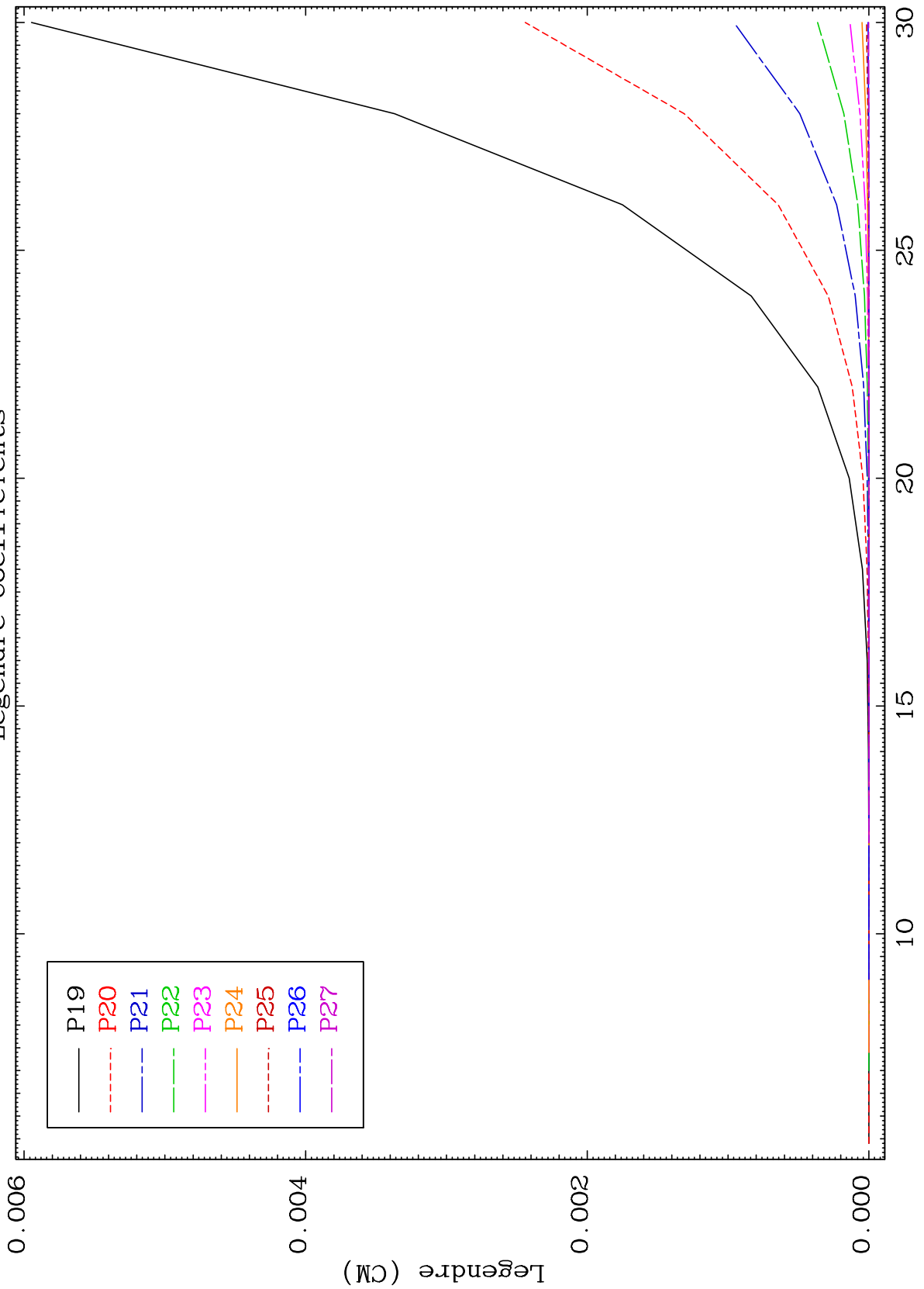
Incident Energy (MeV)

53-I -115

MAT 5289

Elastic
Legendre Coefficients

53-I -115



17

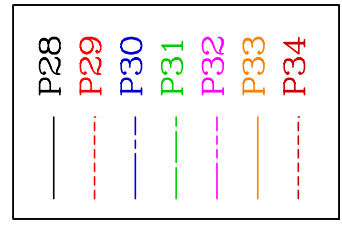
Incident Energy (MeV)

53-I -115

MAT 5289

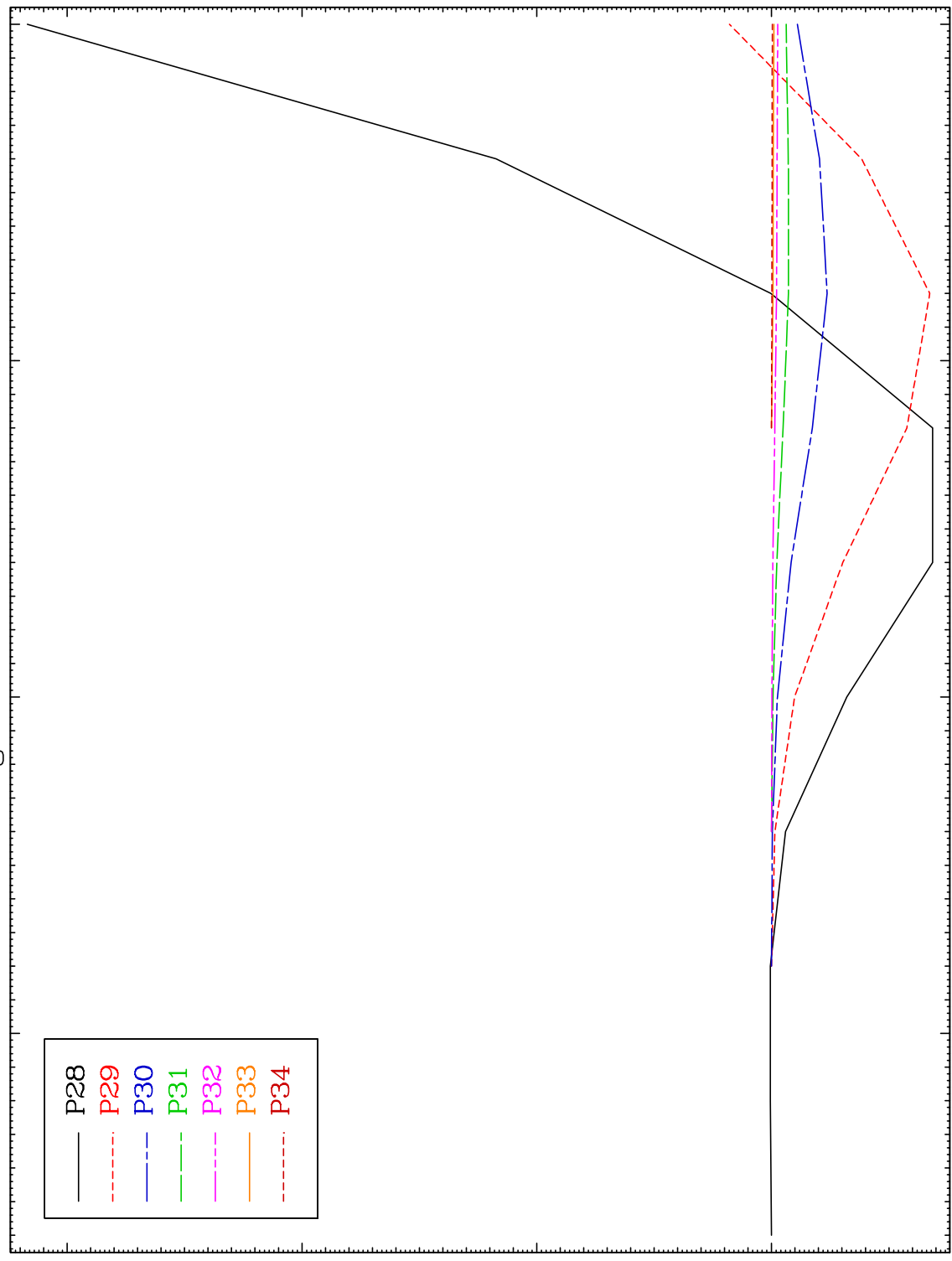
Elastic Legendre Coefficients

53-I -115



$\times 10^{-3}$

Legendre (CM)



18

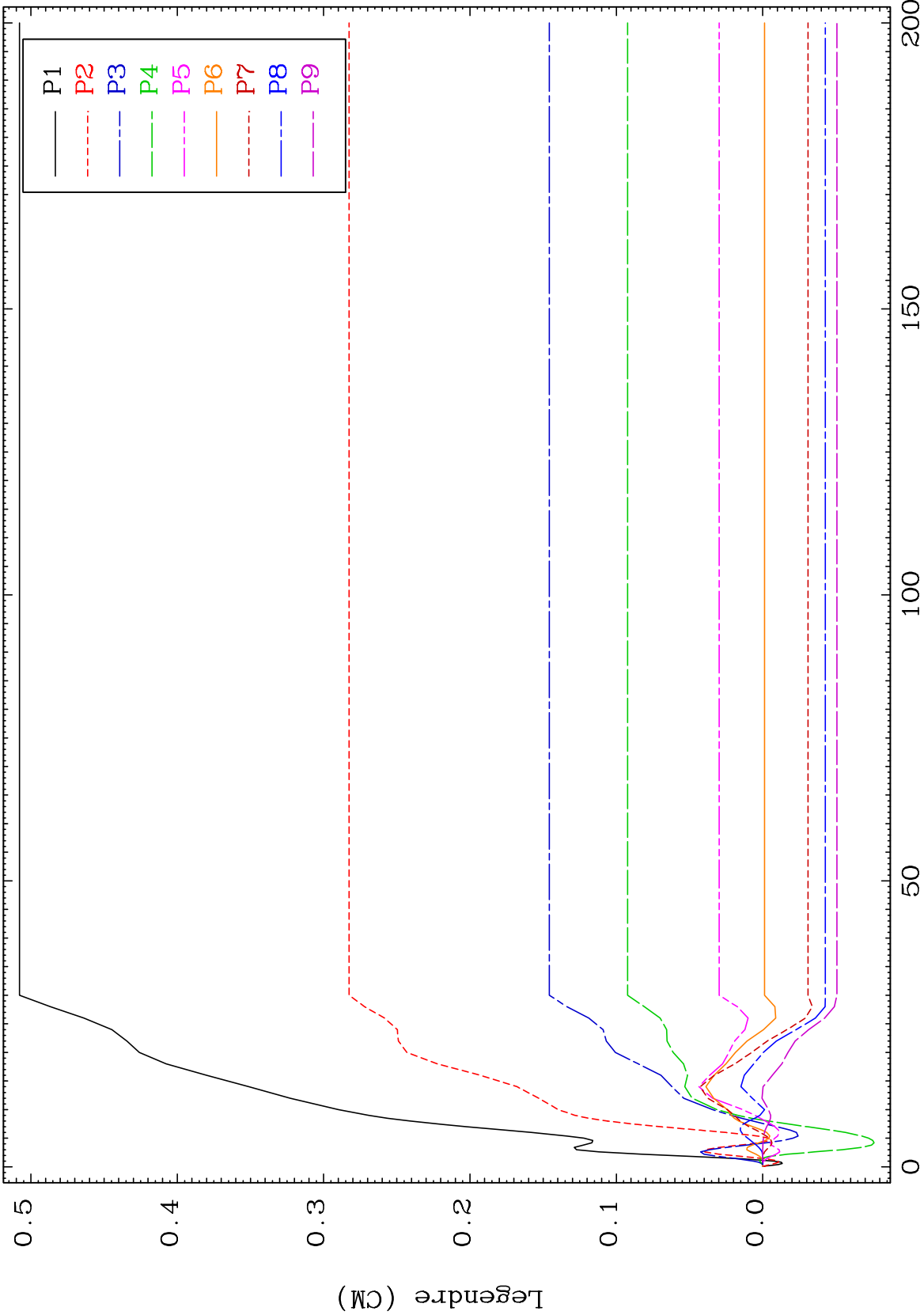
Incident Energy (MeV)

53-I -115

MAT 5289

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

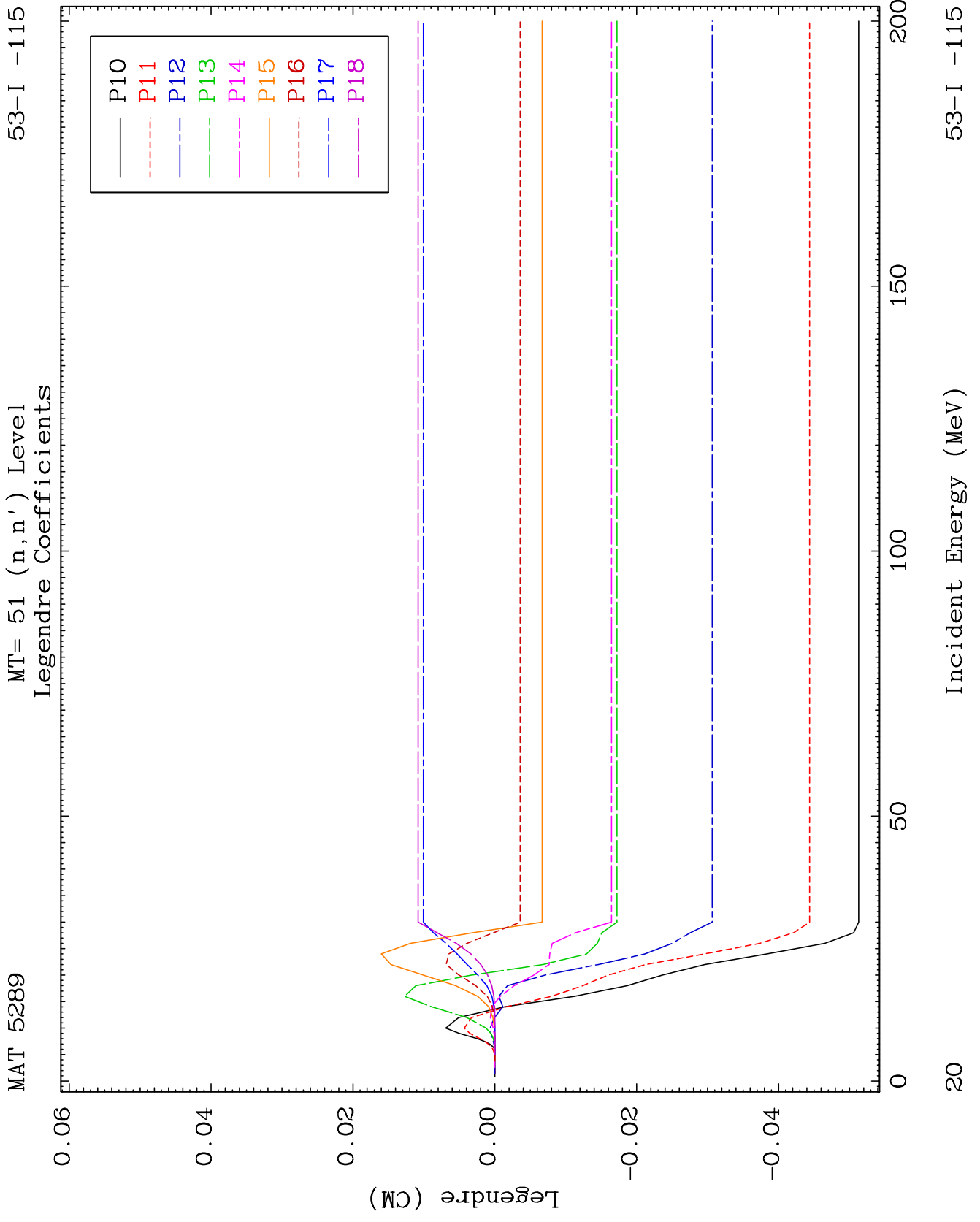
53-I -115

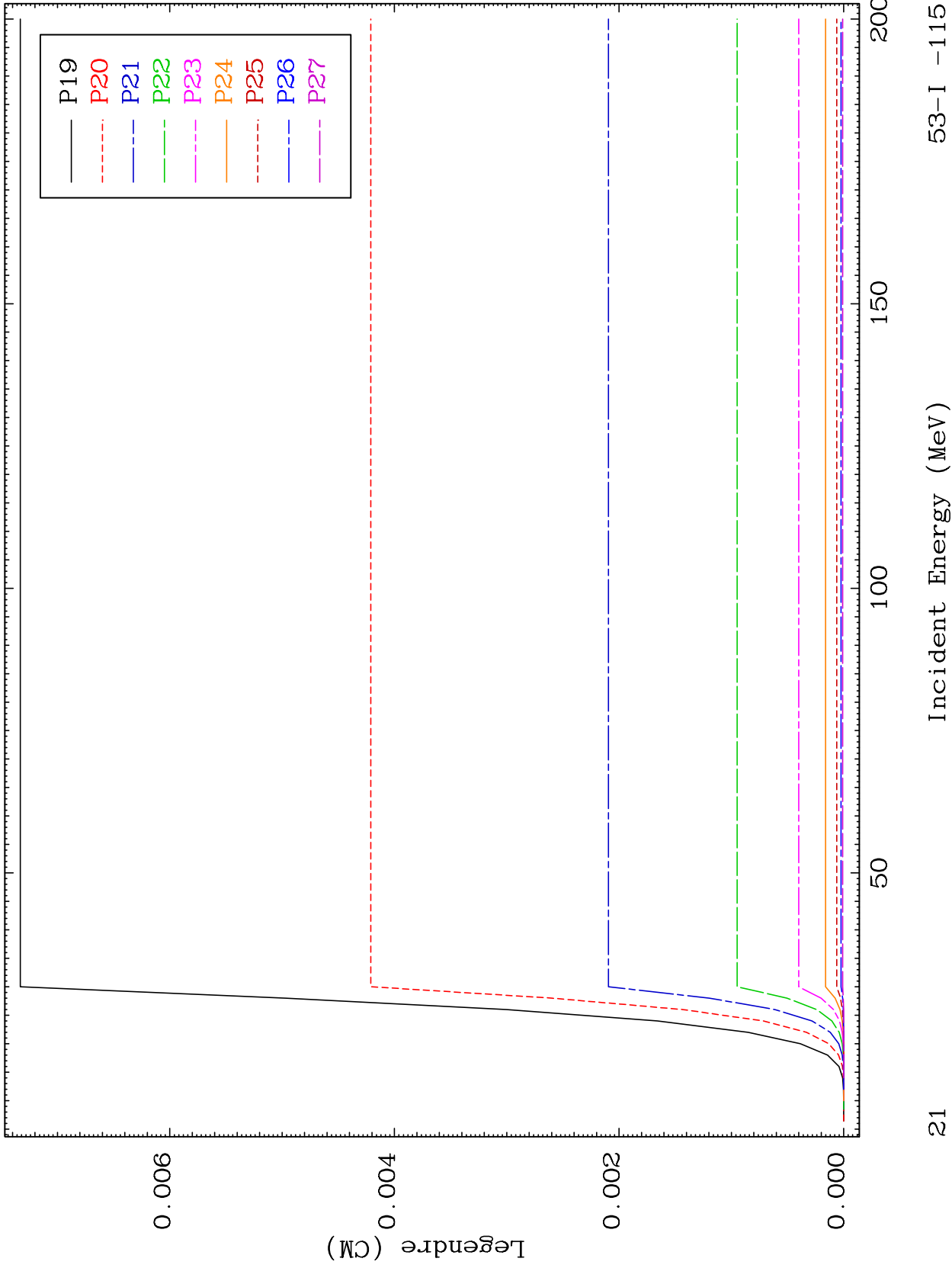


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Incident Energy (MeV)

53-I -115

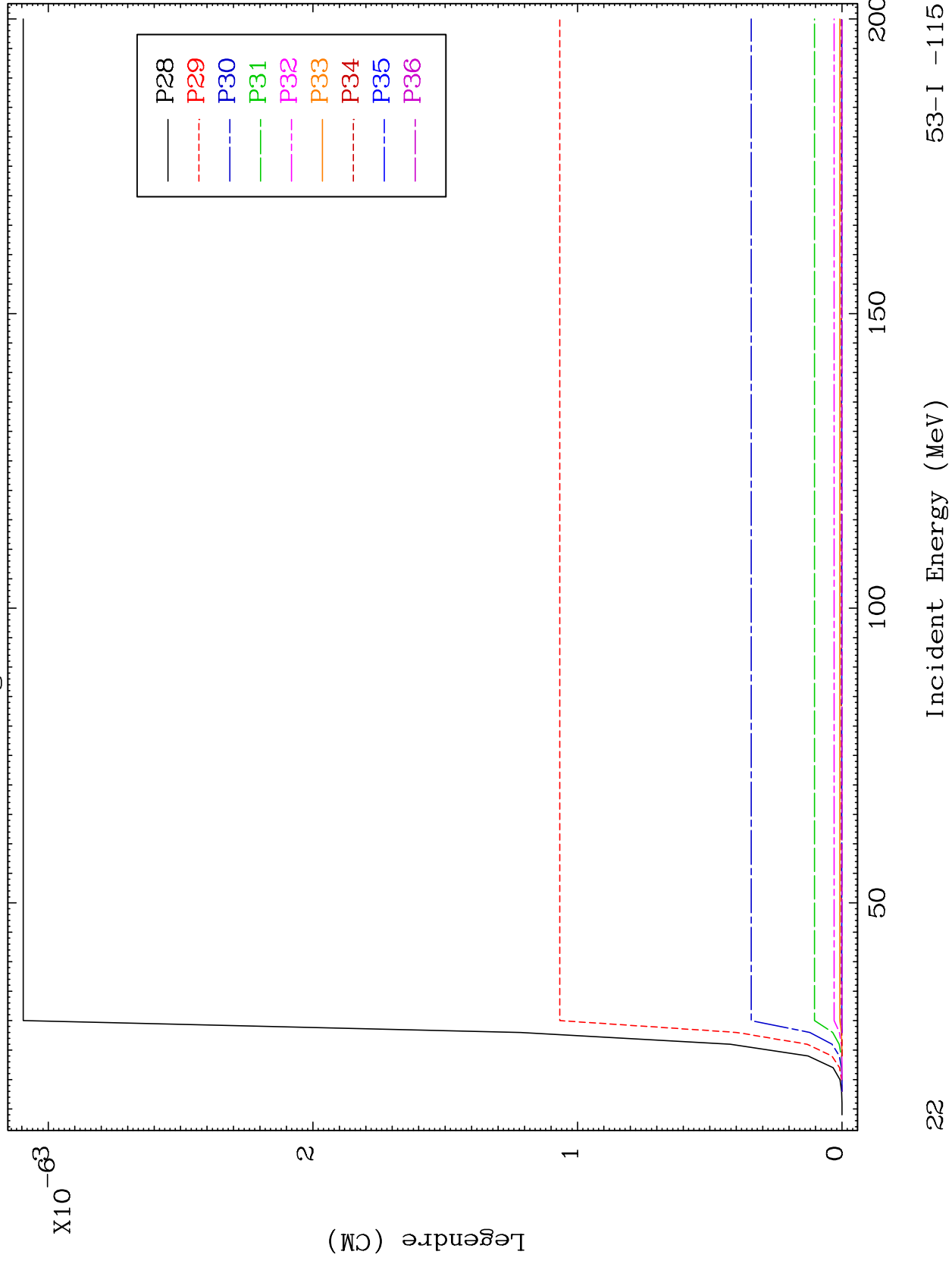




MAT 5289

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

53-I -115

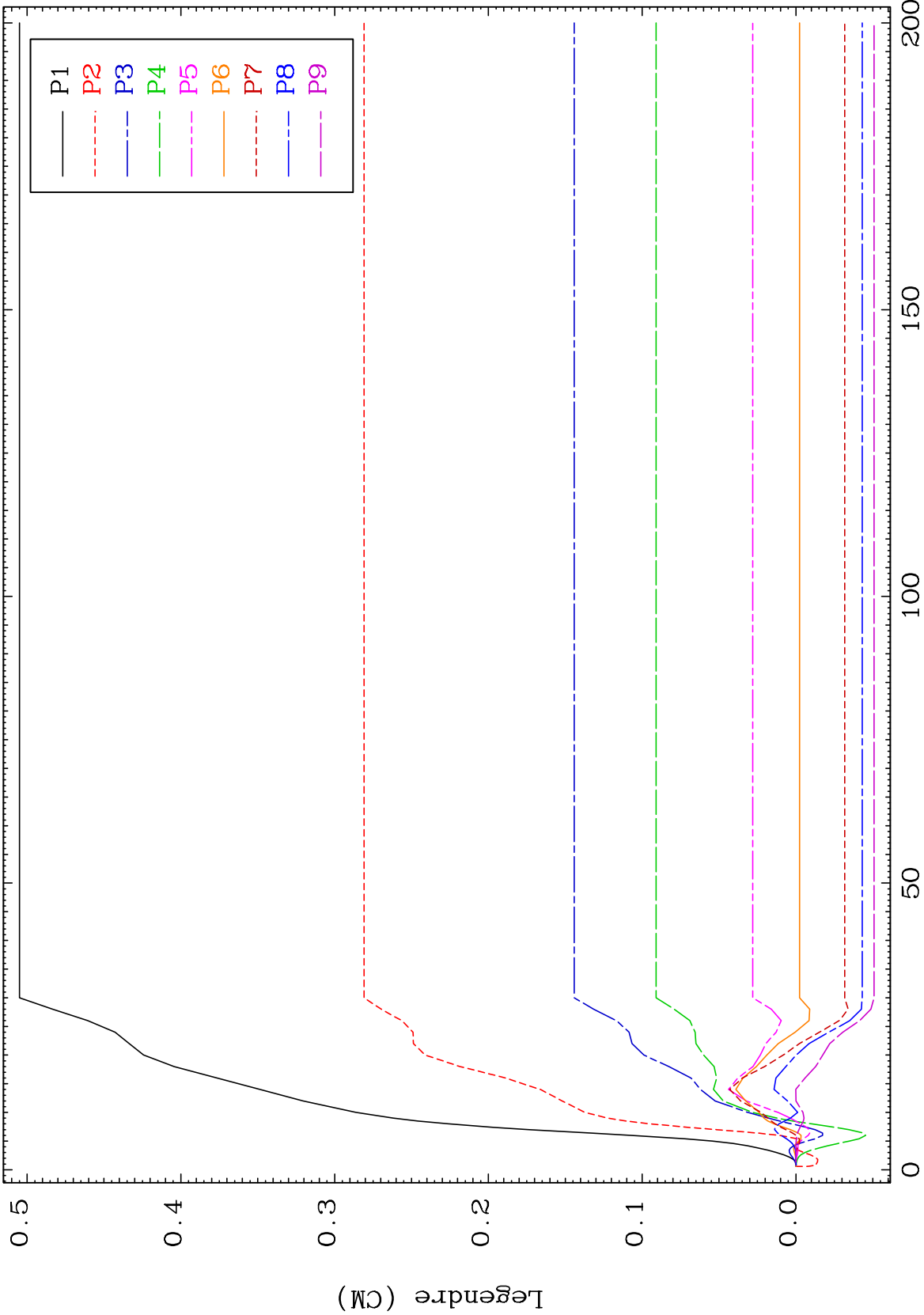


22

Incident Energy (MeV)

53-I -115

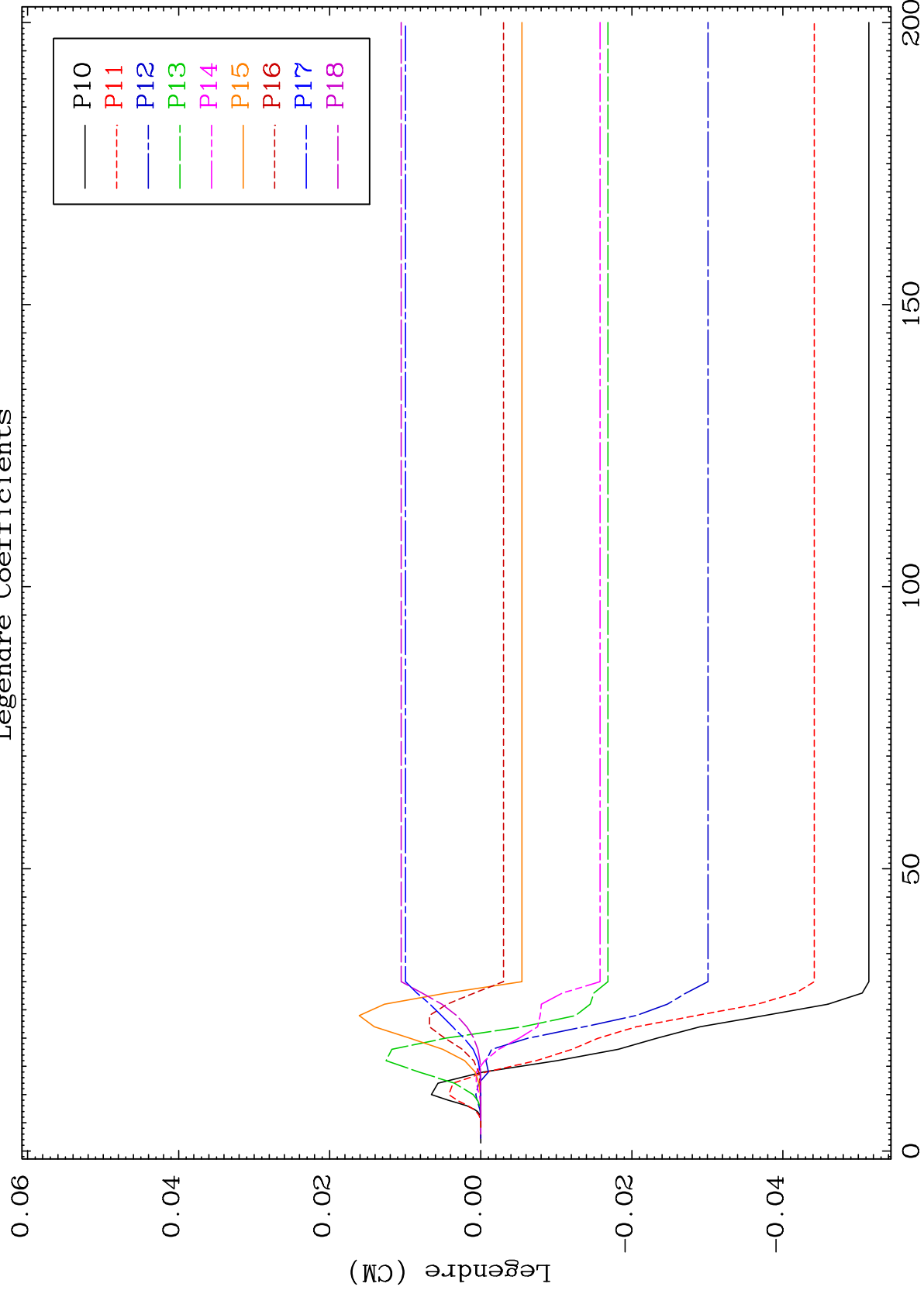
Legendre Coefficients



MAT 5289

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

53-I -115



24

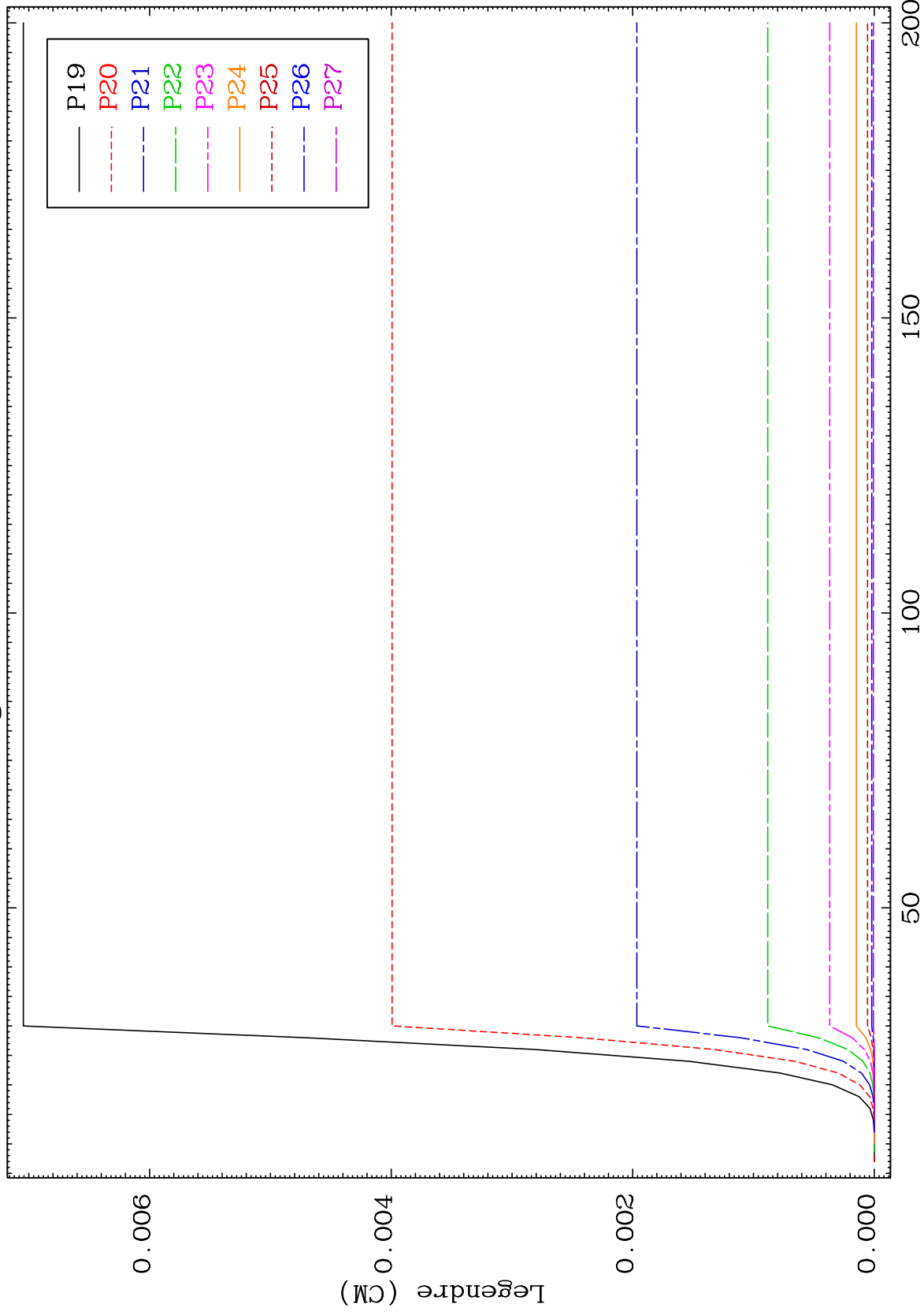
Incident Energy (MeV)

53-I -115

MAT 5289

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

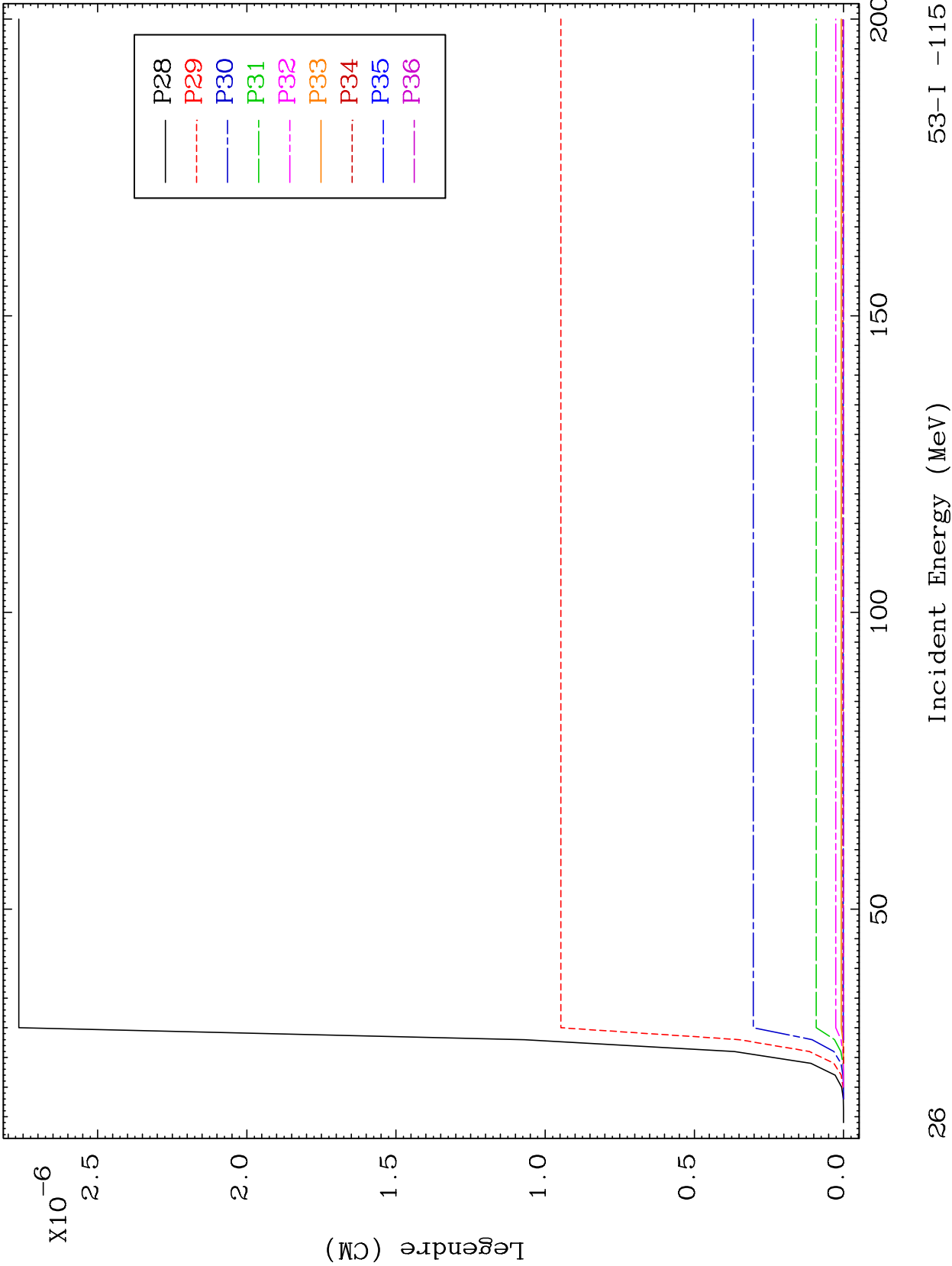
53-I -115

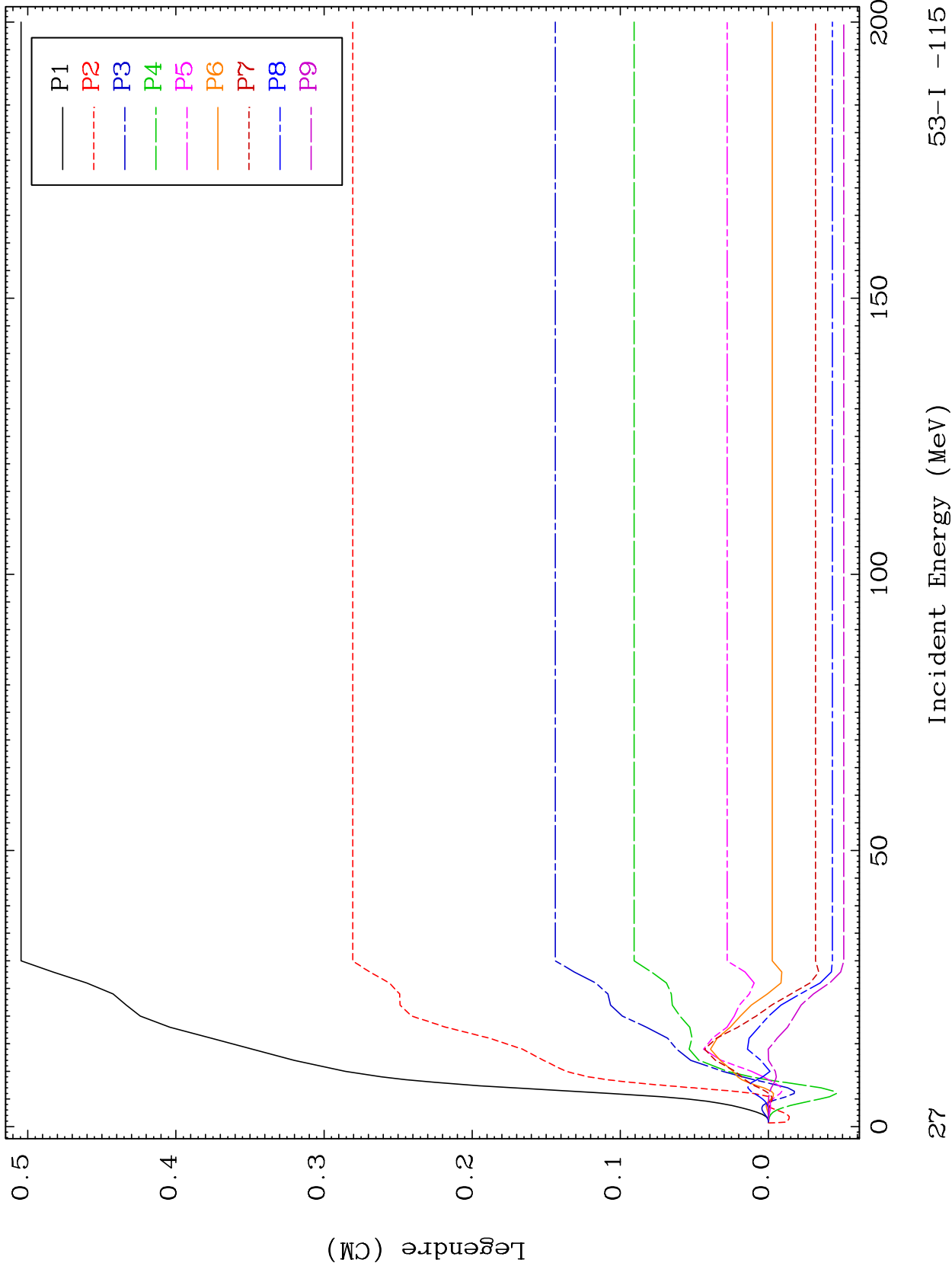


25

Incident Energy (MeV)

53-I -115

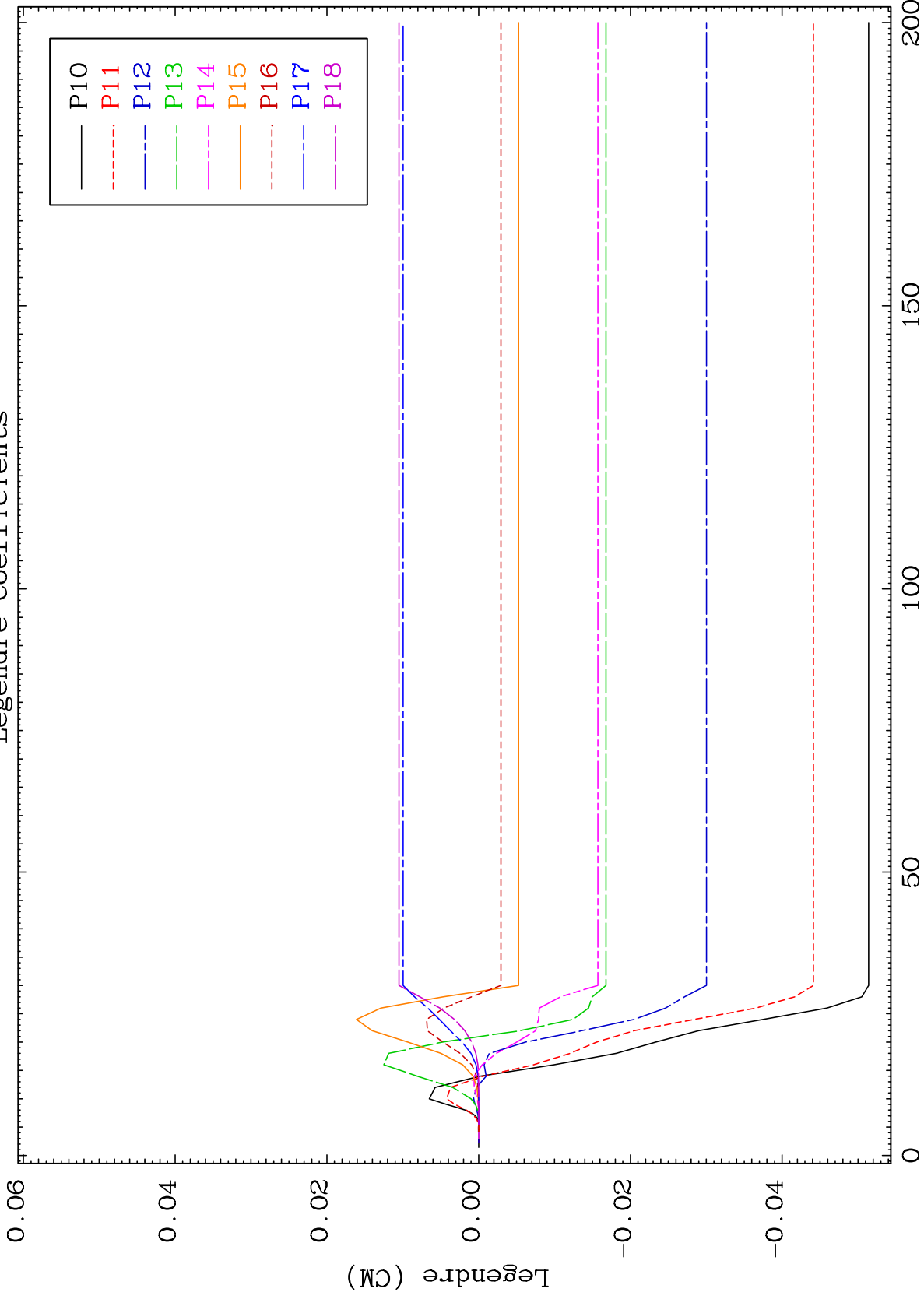




MAT 5289

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

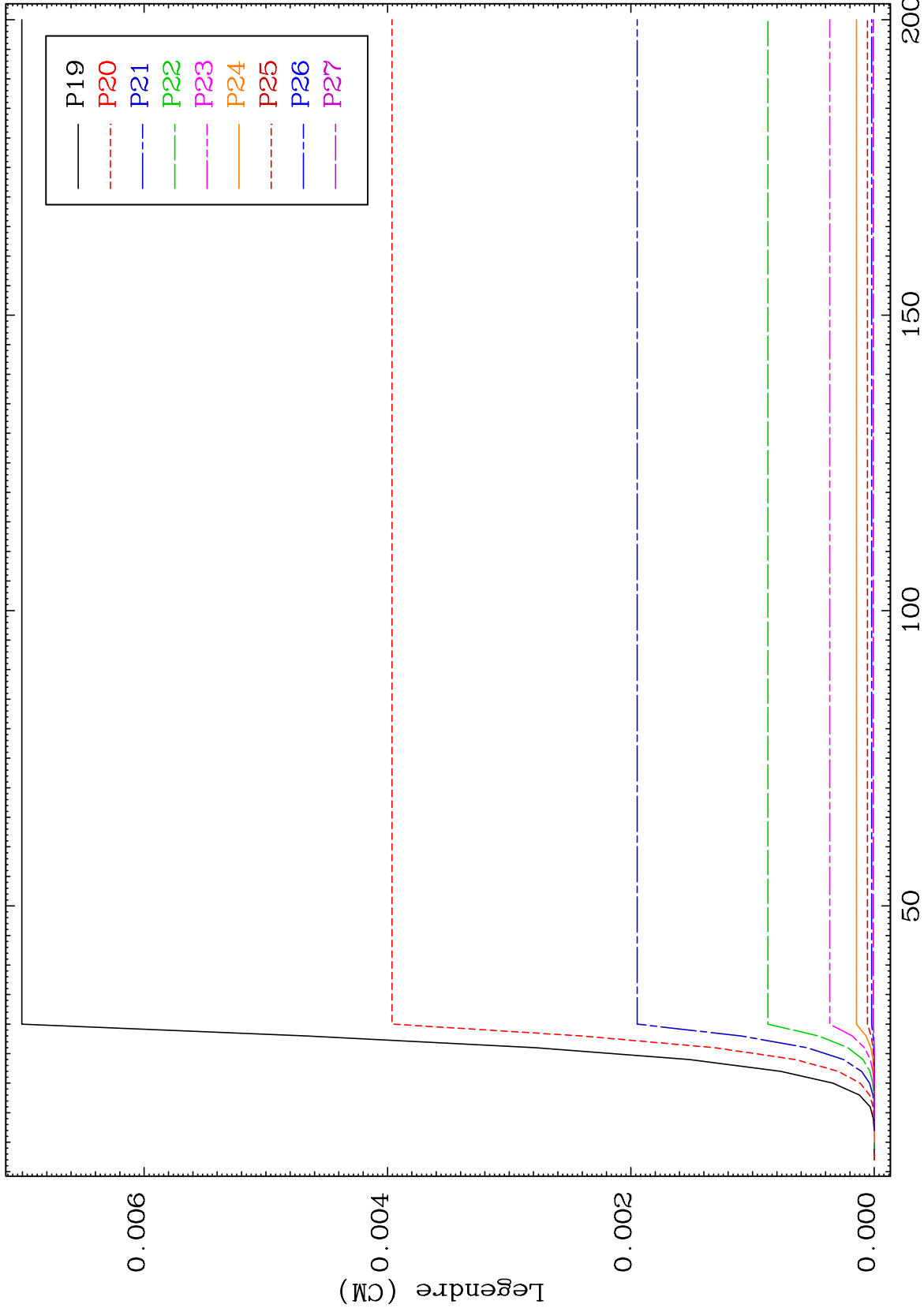
53-I -115



28

Incident Energy (MeV)

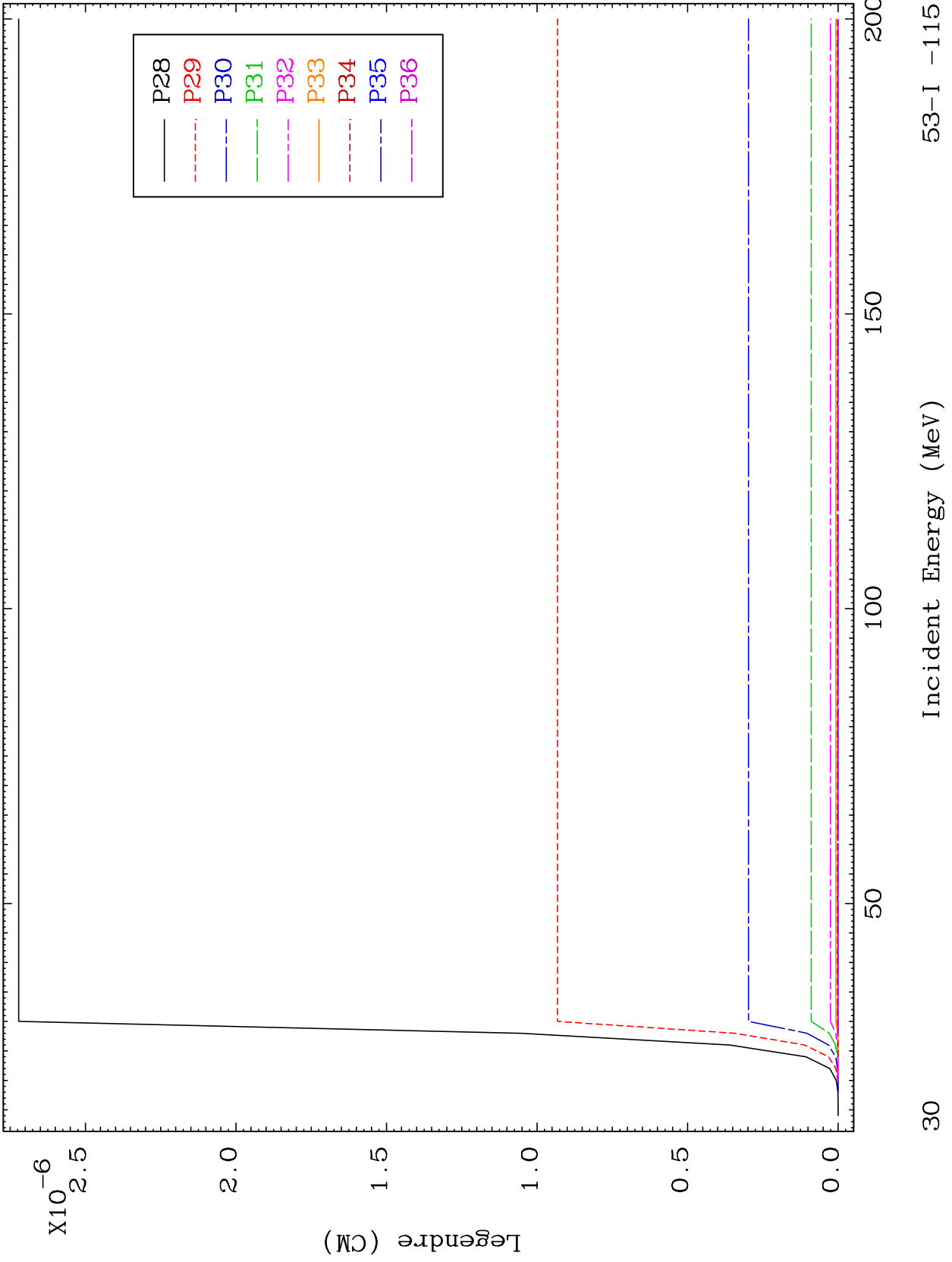
53-I -115



MAT 5289

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

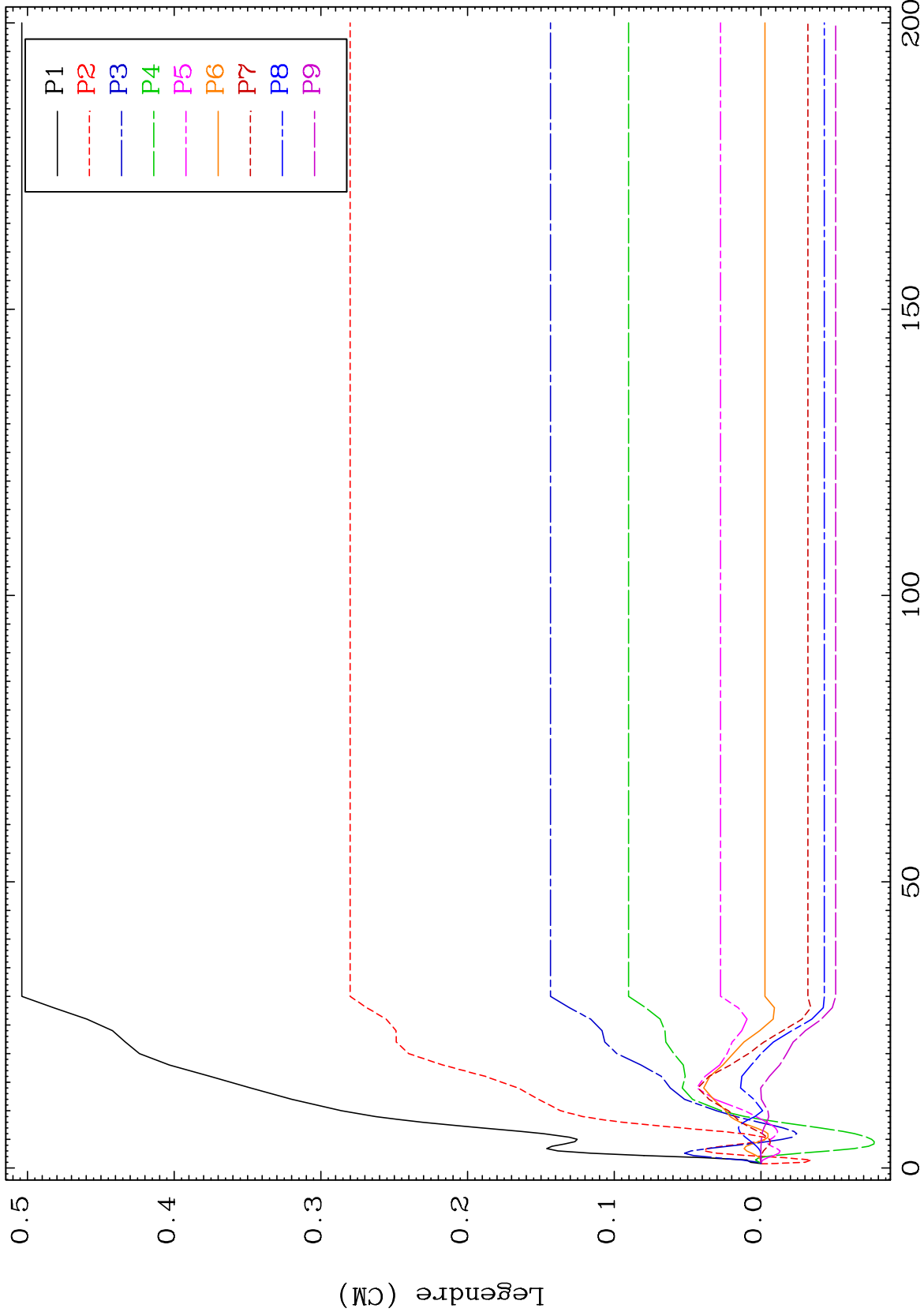
53-I -115



30

Incident Energy (MeV)

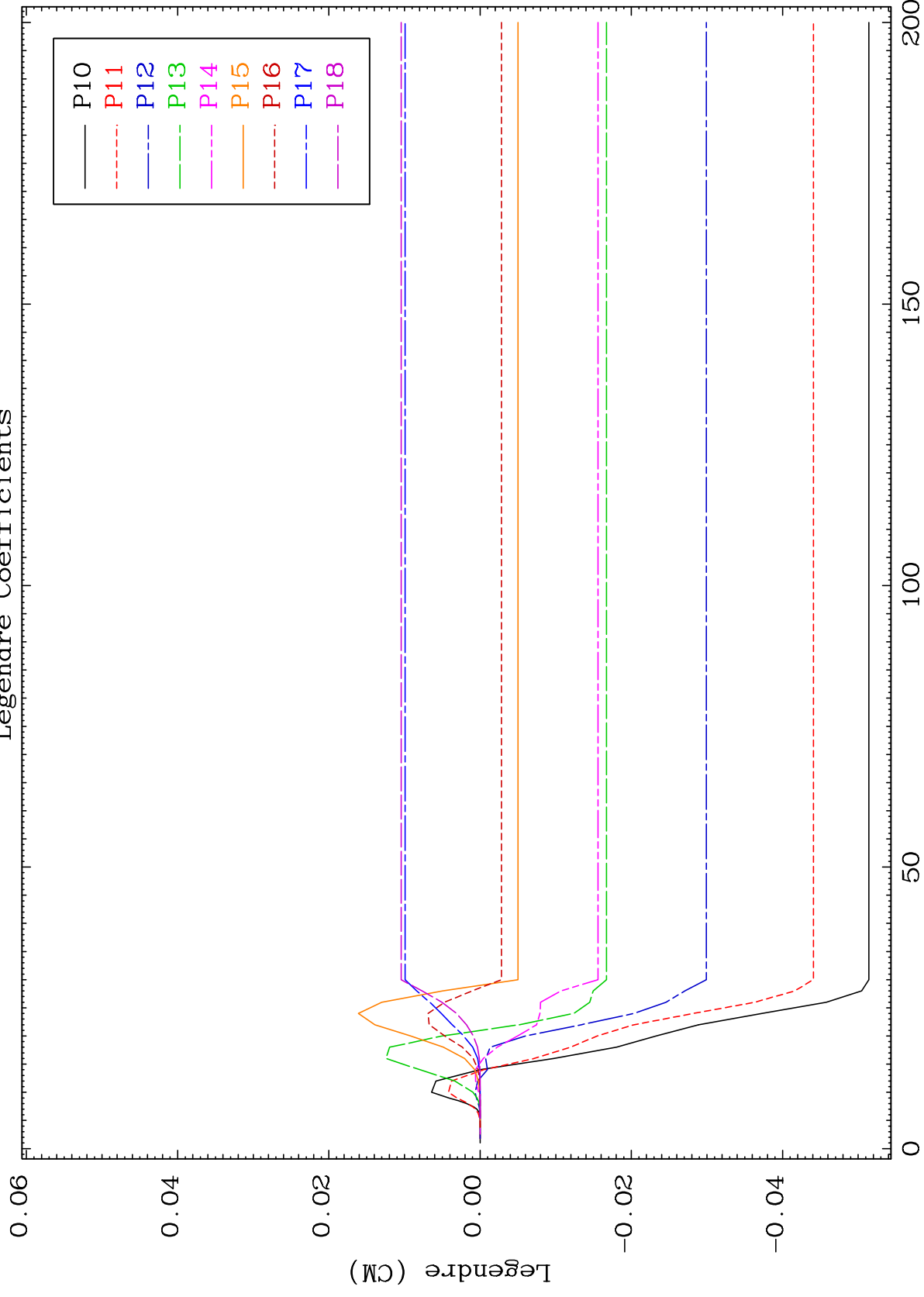
53-I -115



MAT 5289

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

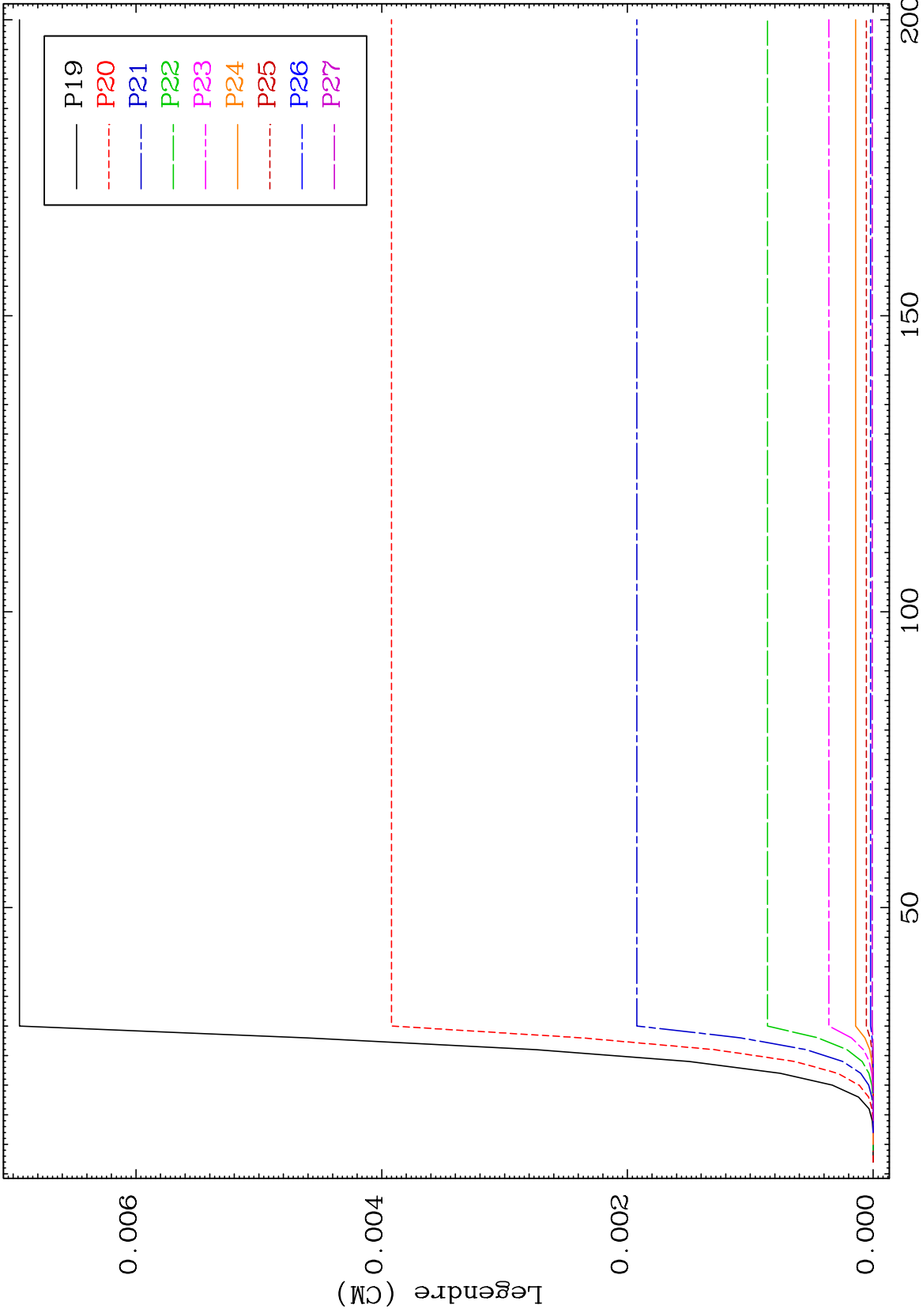
53-I -115

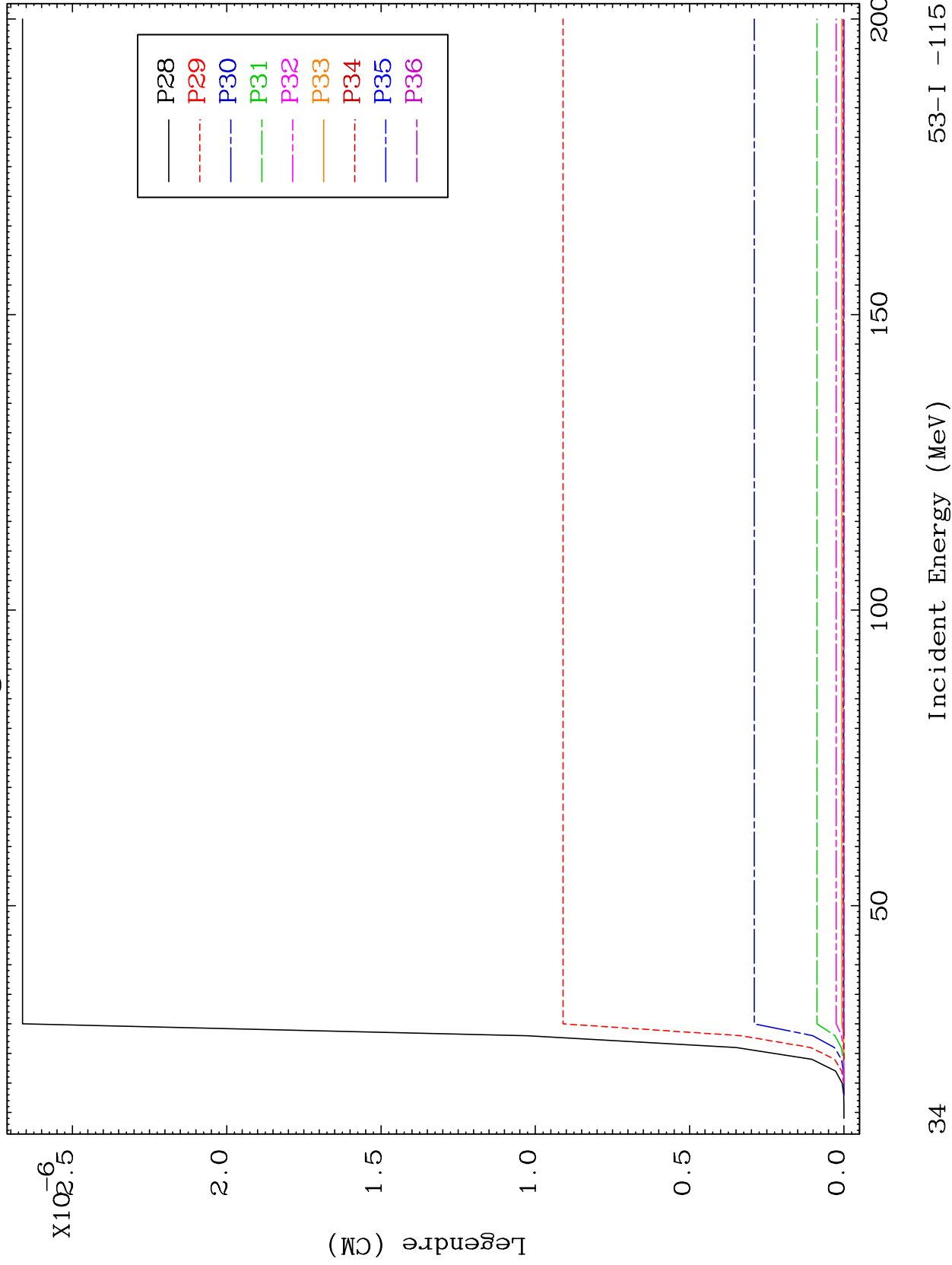


32

Incident Energy (MeV)

53-I -115

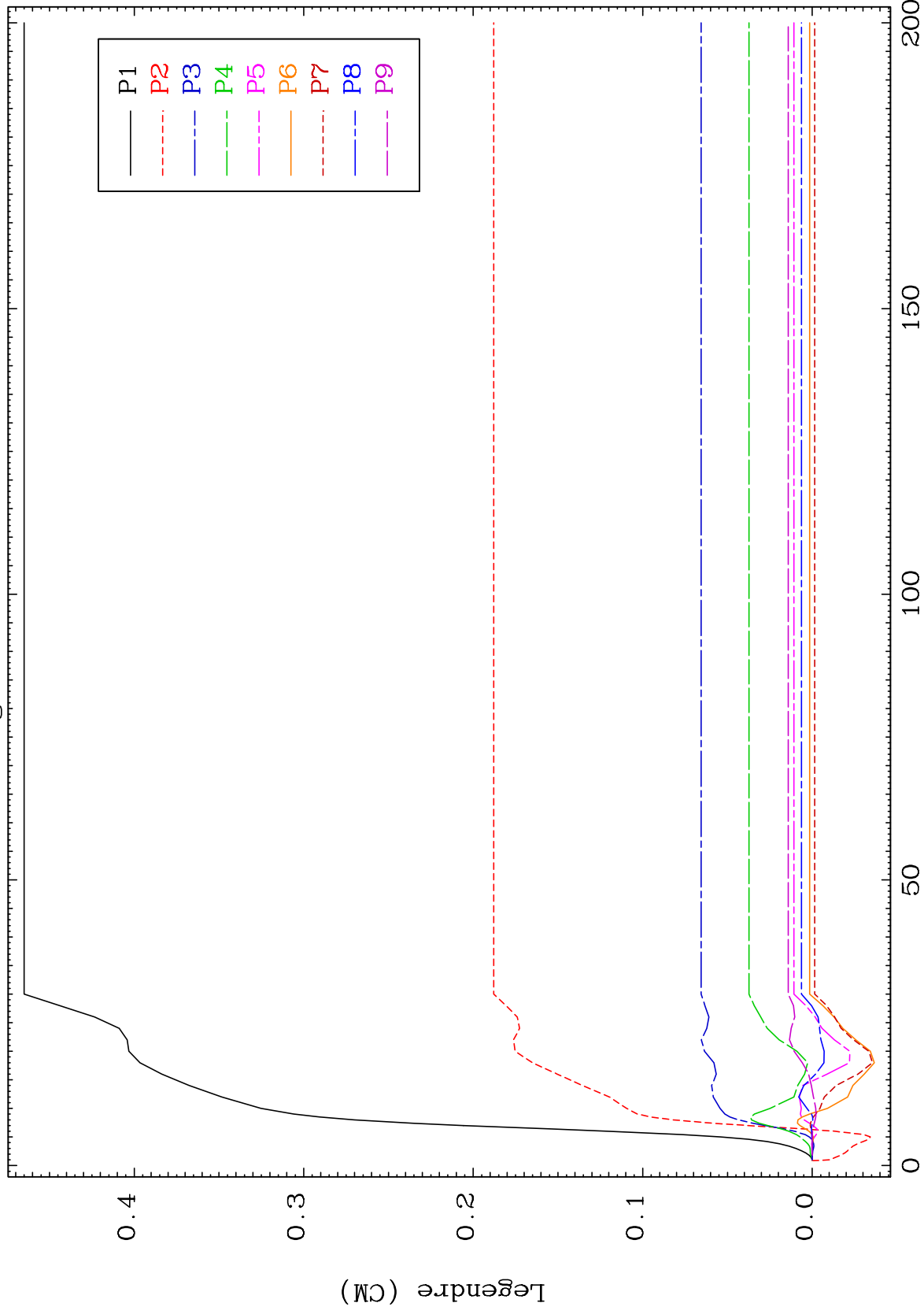




MAT 5289

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

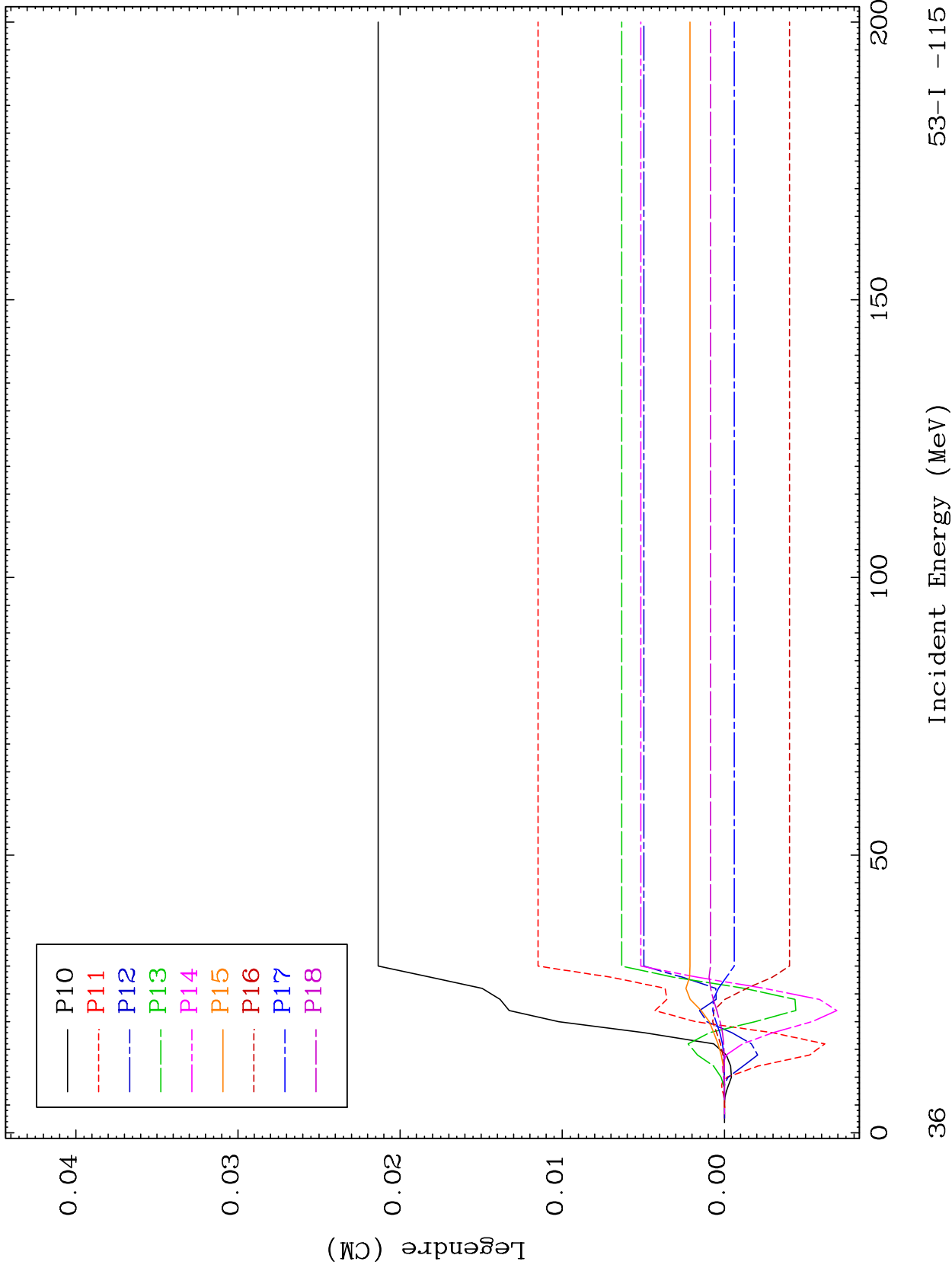
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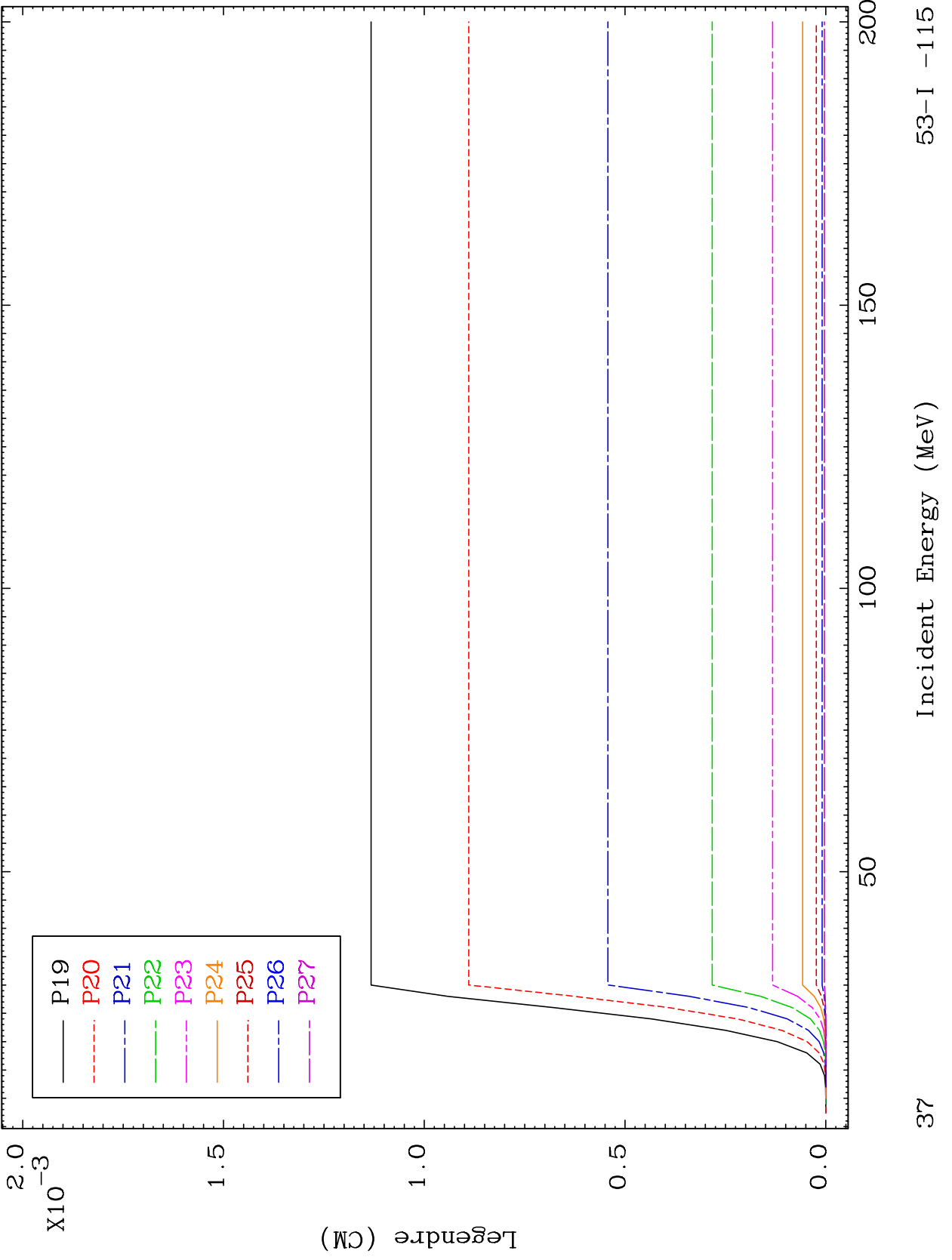


53-I -115

Incident Energy (MeV)

35

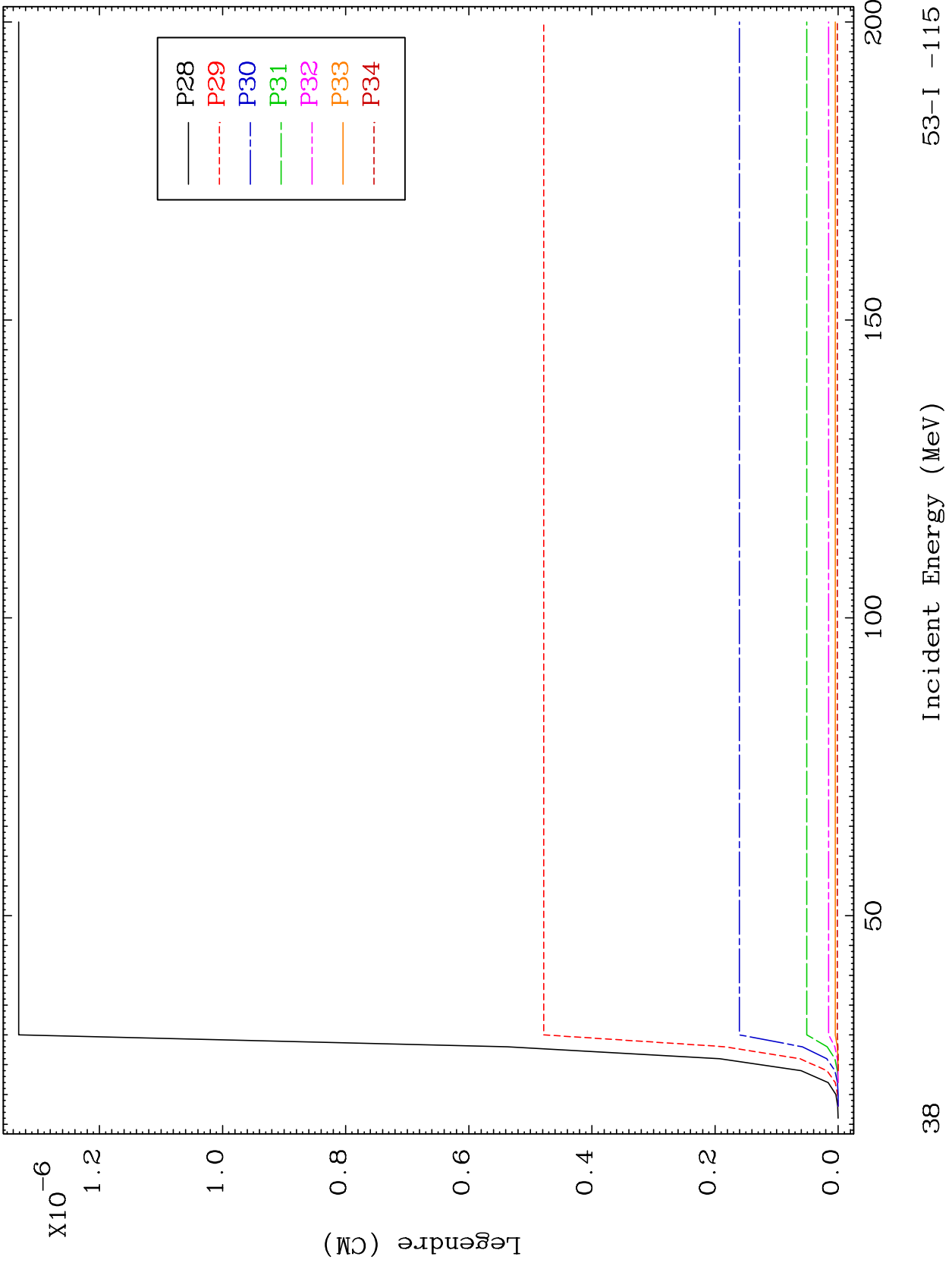




MAT 5289

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

53-I -115



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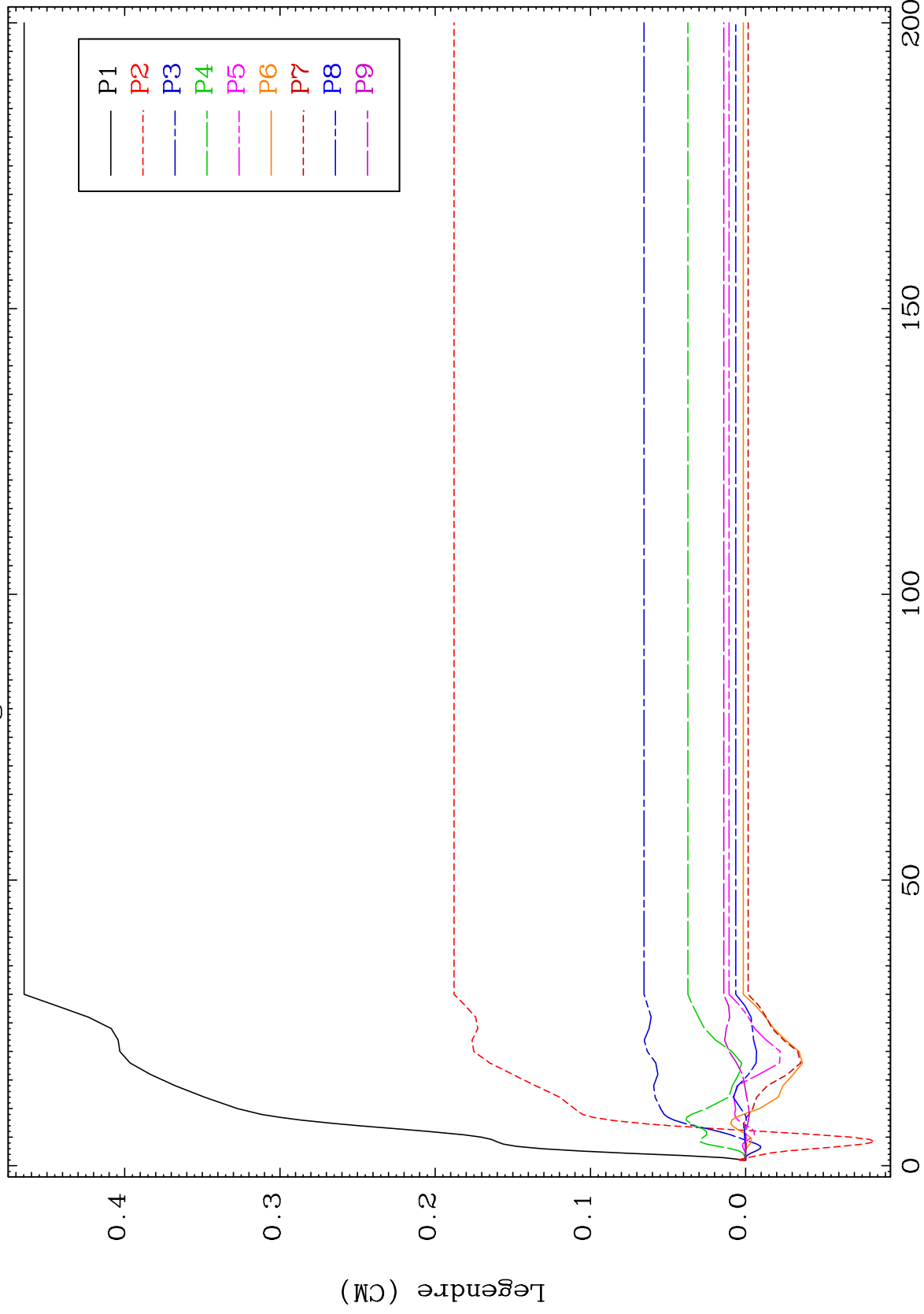
Incident Energy (MeV)

53-I -115

MAT 5289

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

53-I -115



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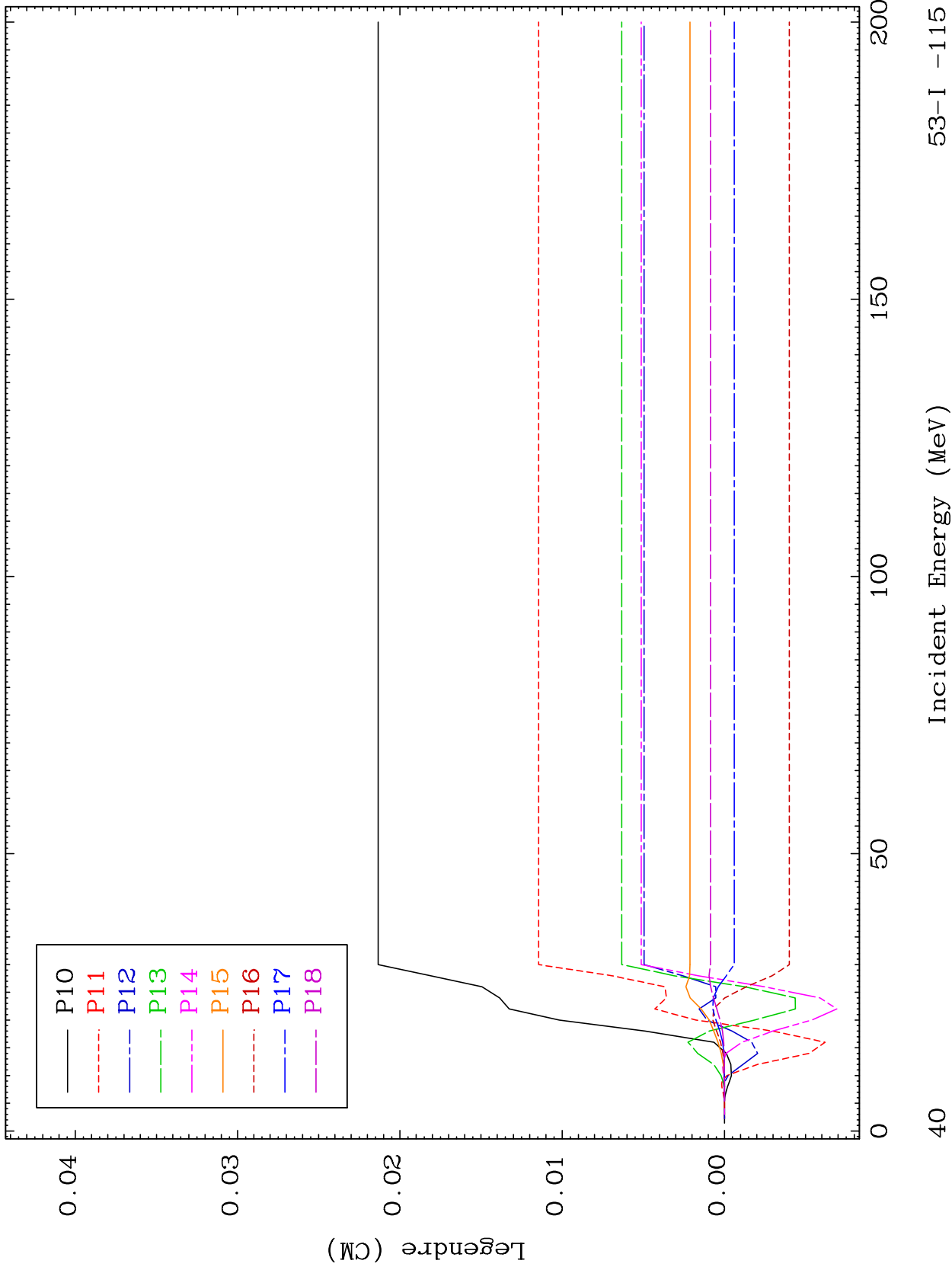
Incident Energy (MeV)

53-I -115

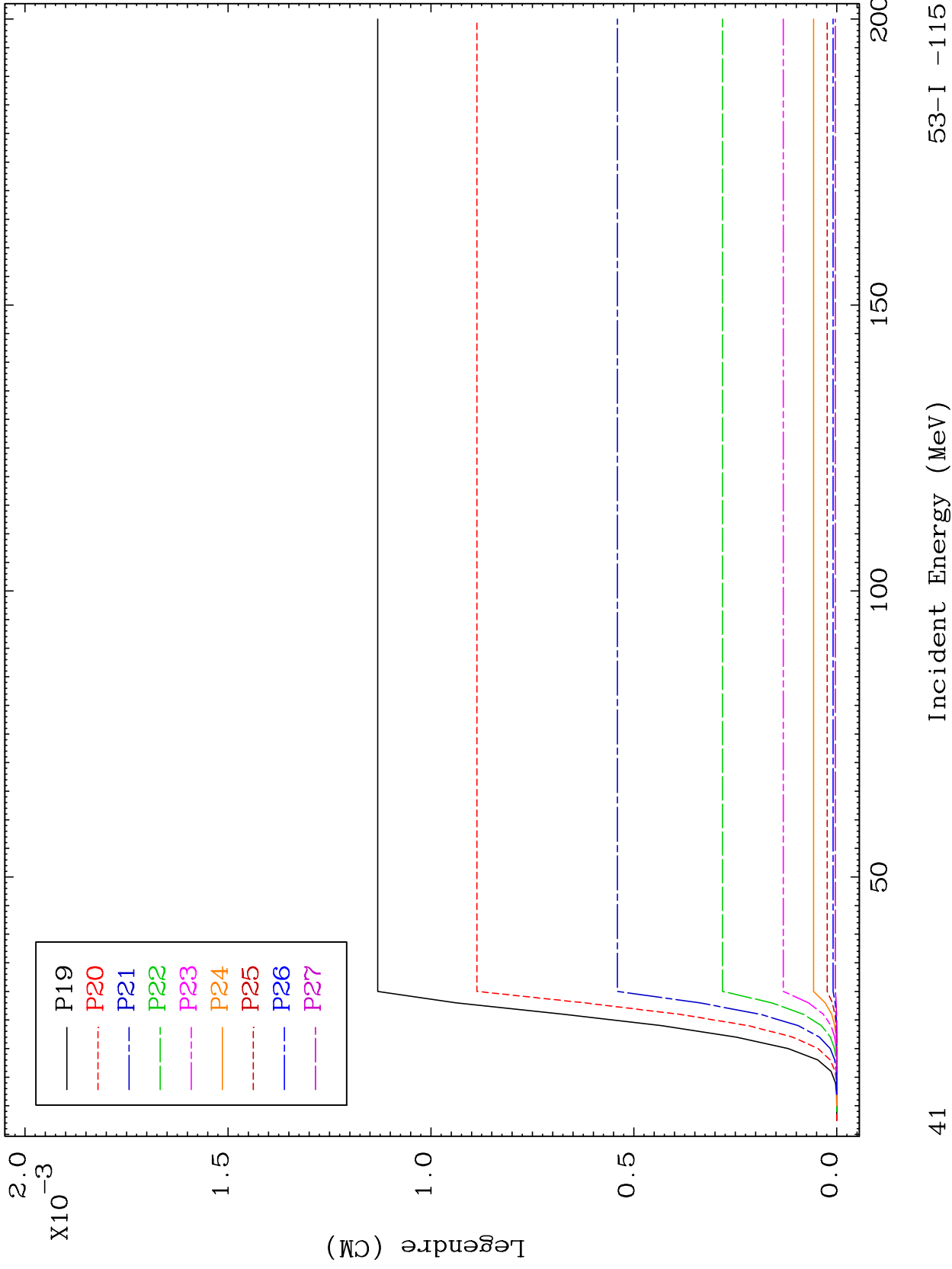
MAT 5289

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

53-I -115



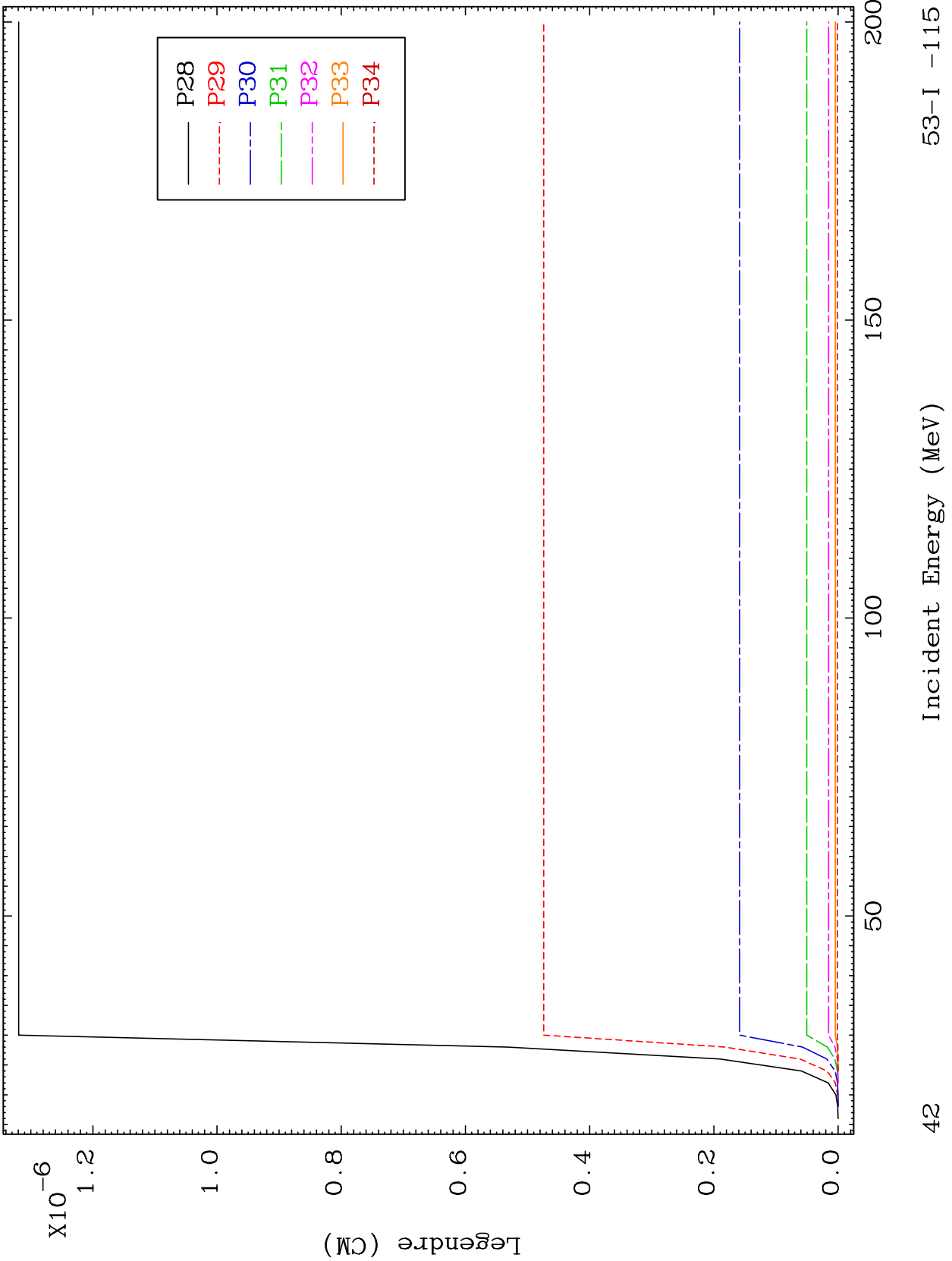
53-I -115



MAT 5289

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

53-I -115



42

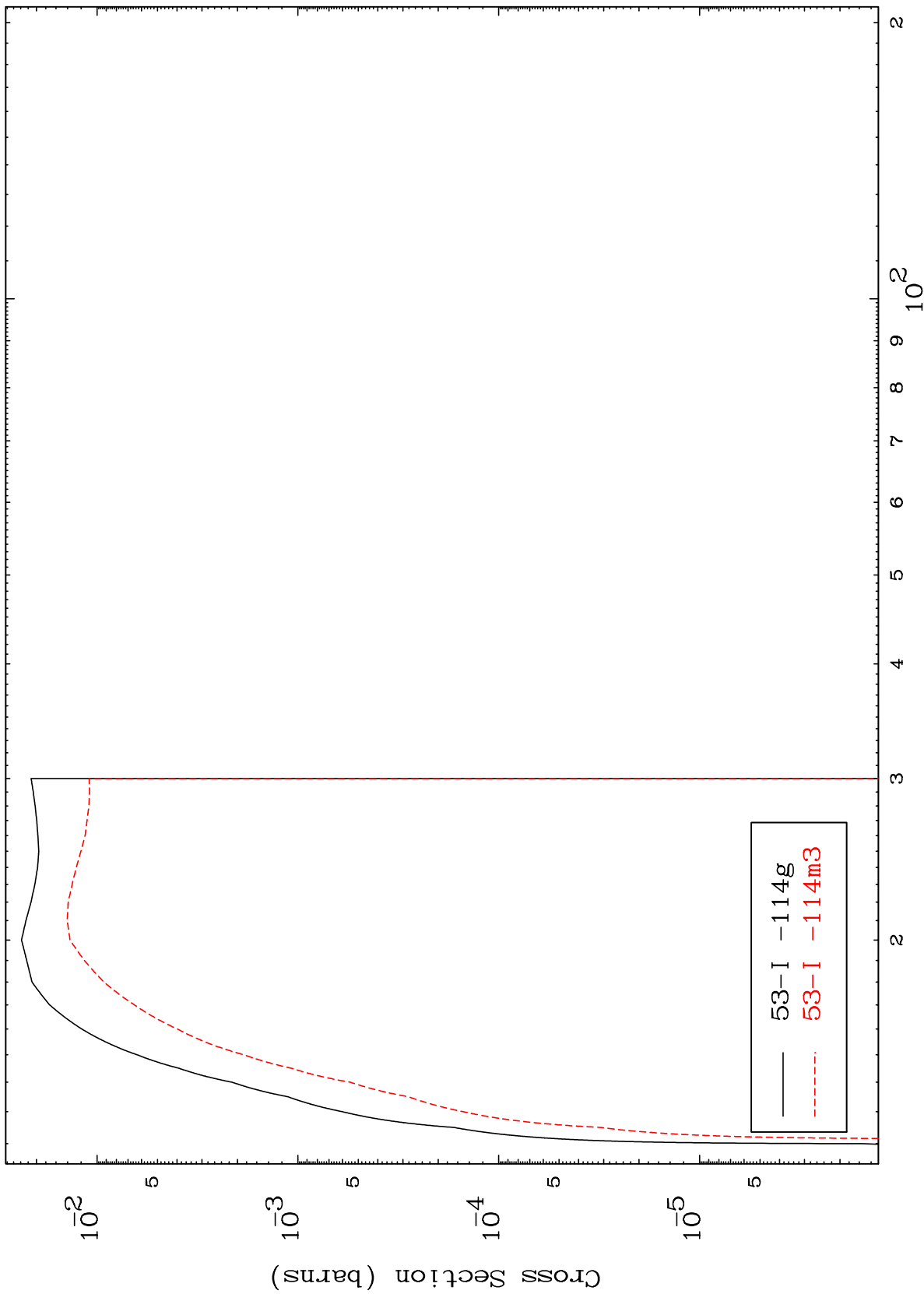
Incident Energy (MeV)

53-I -115

MAT 5289

53-I -115

(n,2n)
Radionuclide Production Cross Section



53-I -115

Incident Energy (MeV)

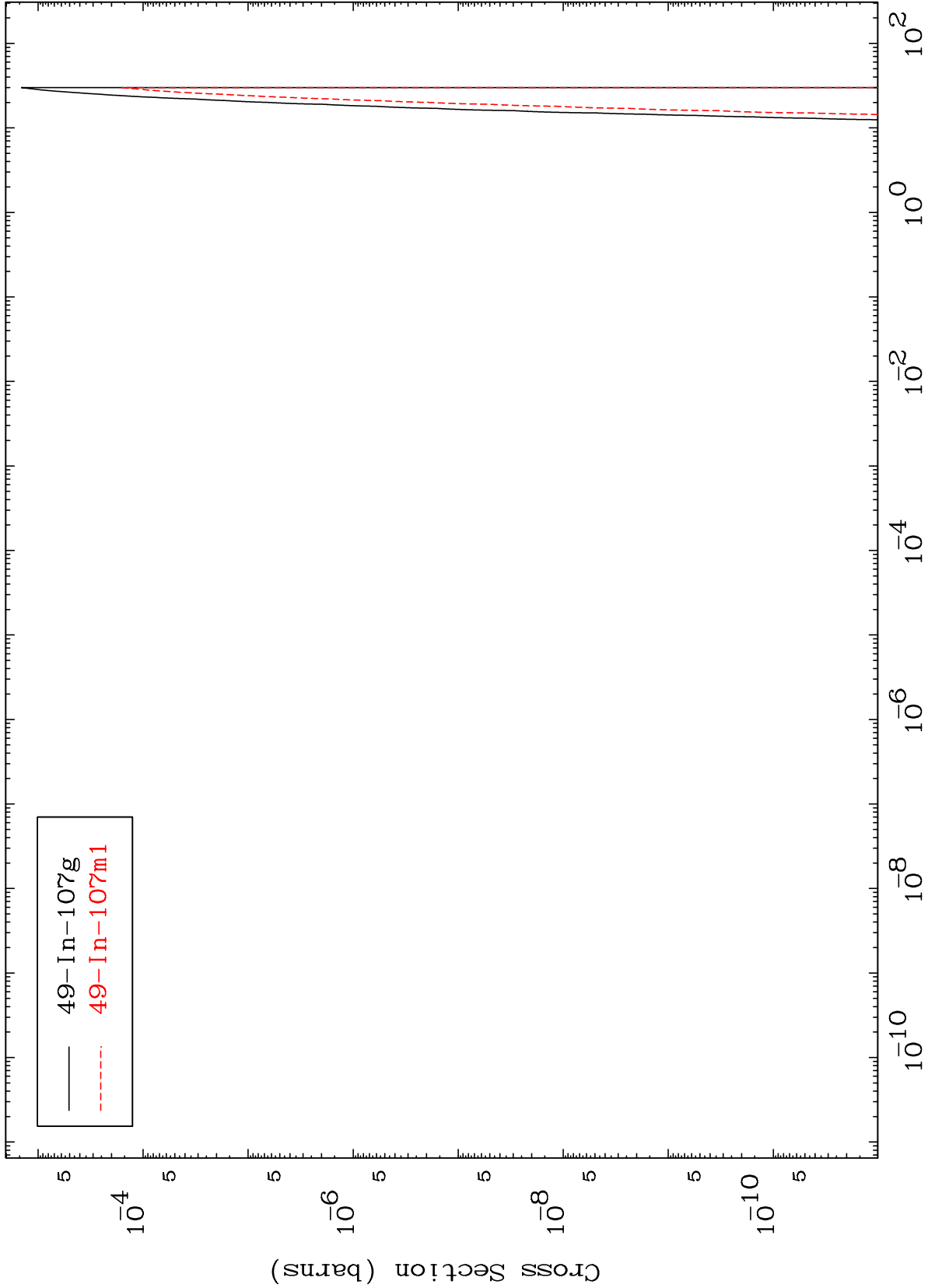
43

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(n,n') 2α

53-I -115

Radionuclide Production Cross Section



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Incident Energy (MeV)

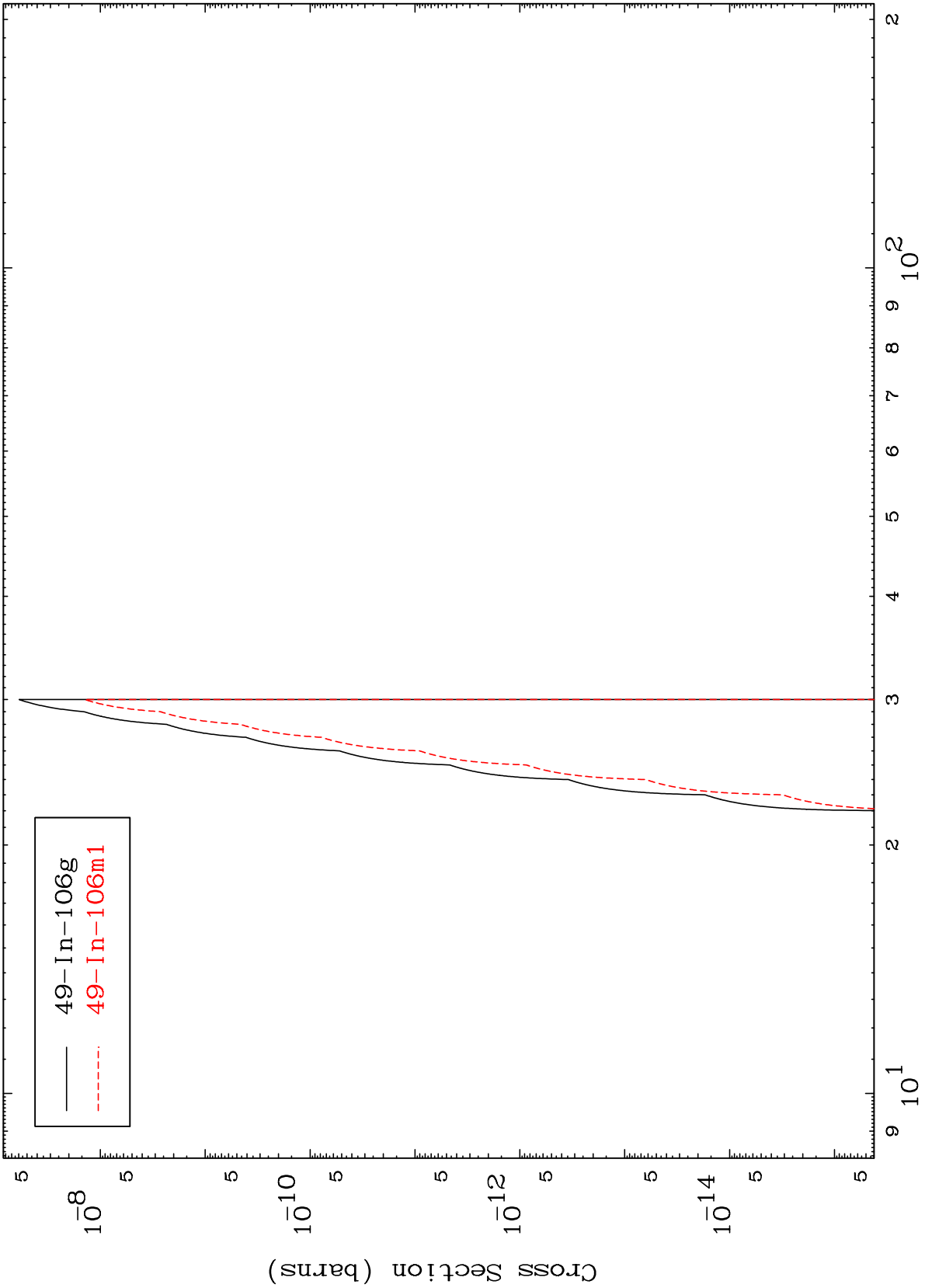
53-I -115

MAT 5289

(n,2n) 2α

53-I -115

Radionuclide Production Cross Section



— 49-In-106g
- - - 49-In-106m1

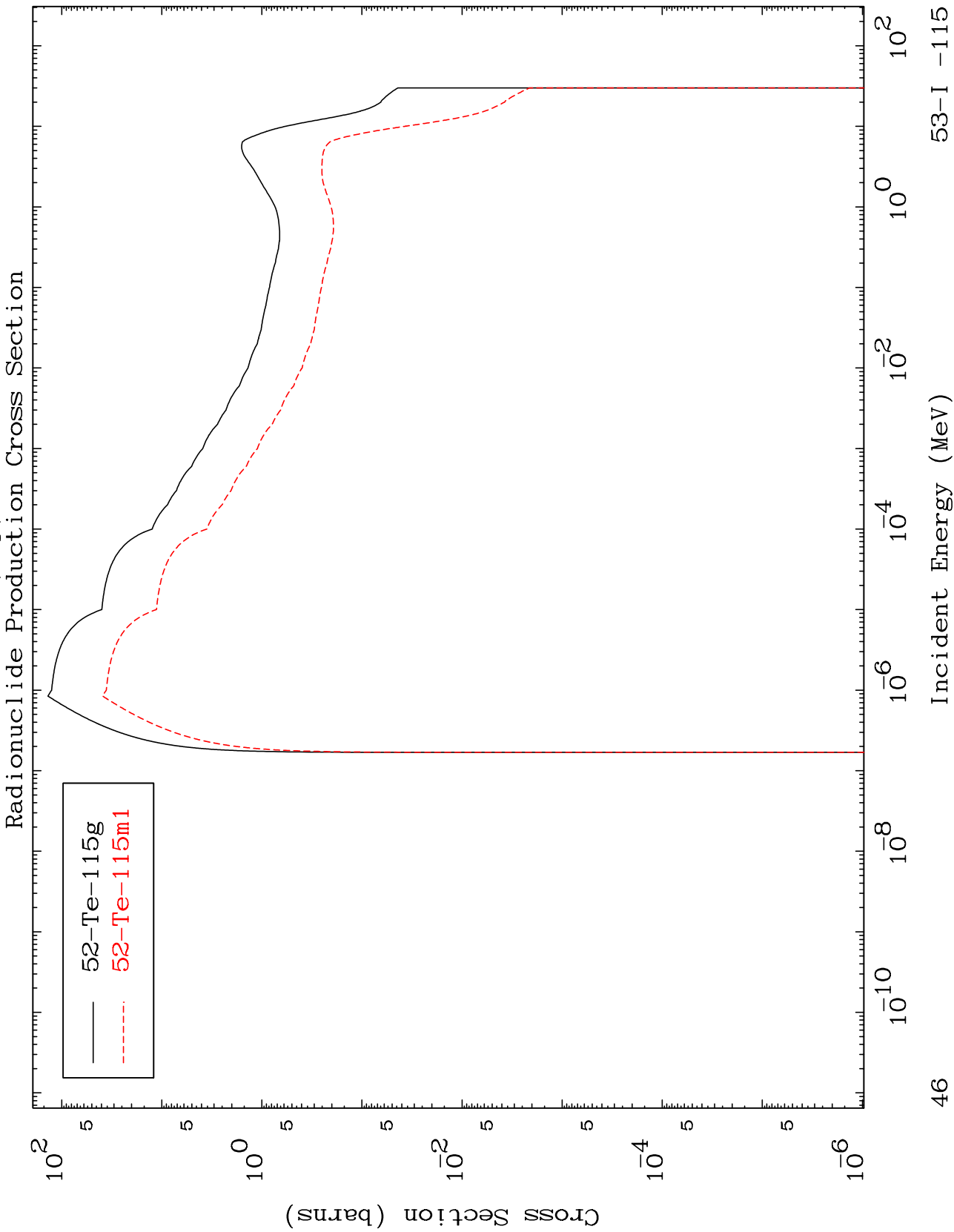
45

Incident Energy (MeV)

53-I -115

MAT 5289

53-I -115

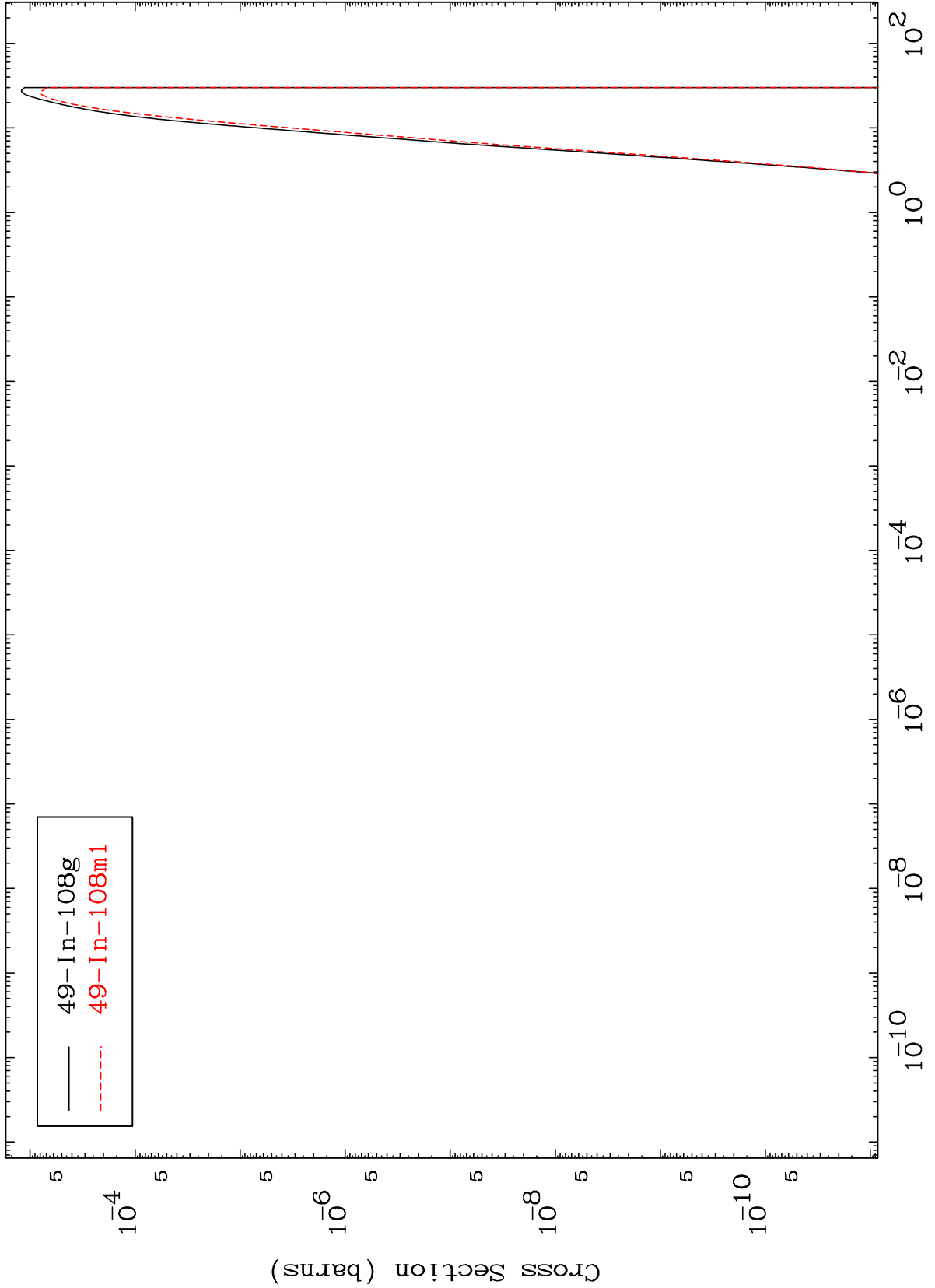


MAT 5289

(n,2α)

53-I -115

Radionuclide Production Cross Section

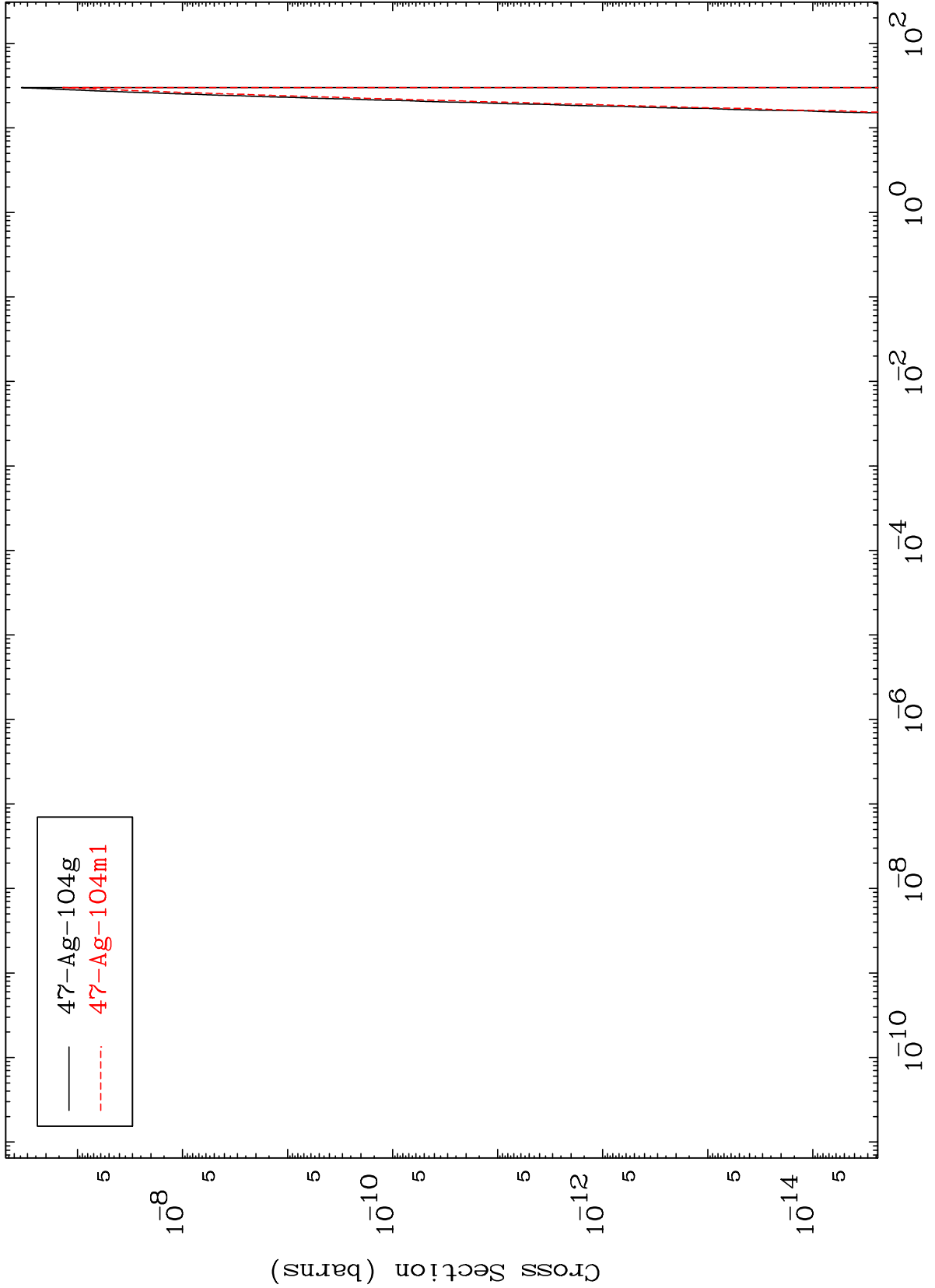


MAT 5289

(n,3 α)

53-I -115

Radionuclide Production Cross Section



48

Incident Energy (MeV)

53-I -115