

Program EVALPLOT
(Version 2018-1)

by

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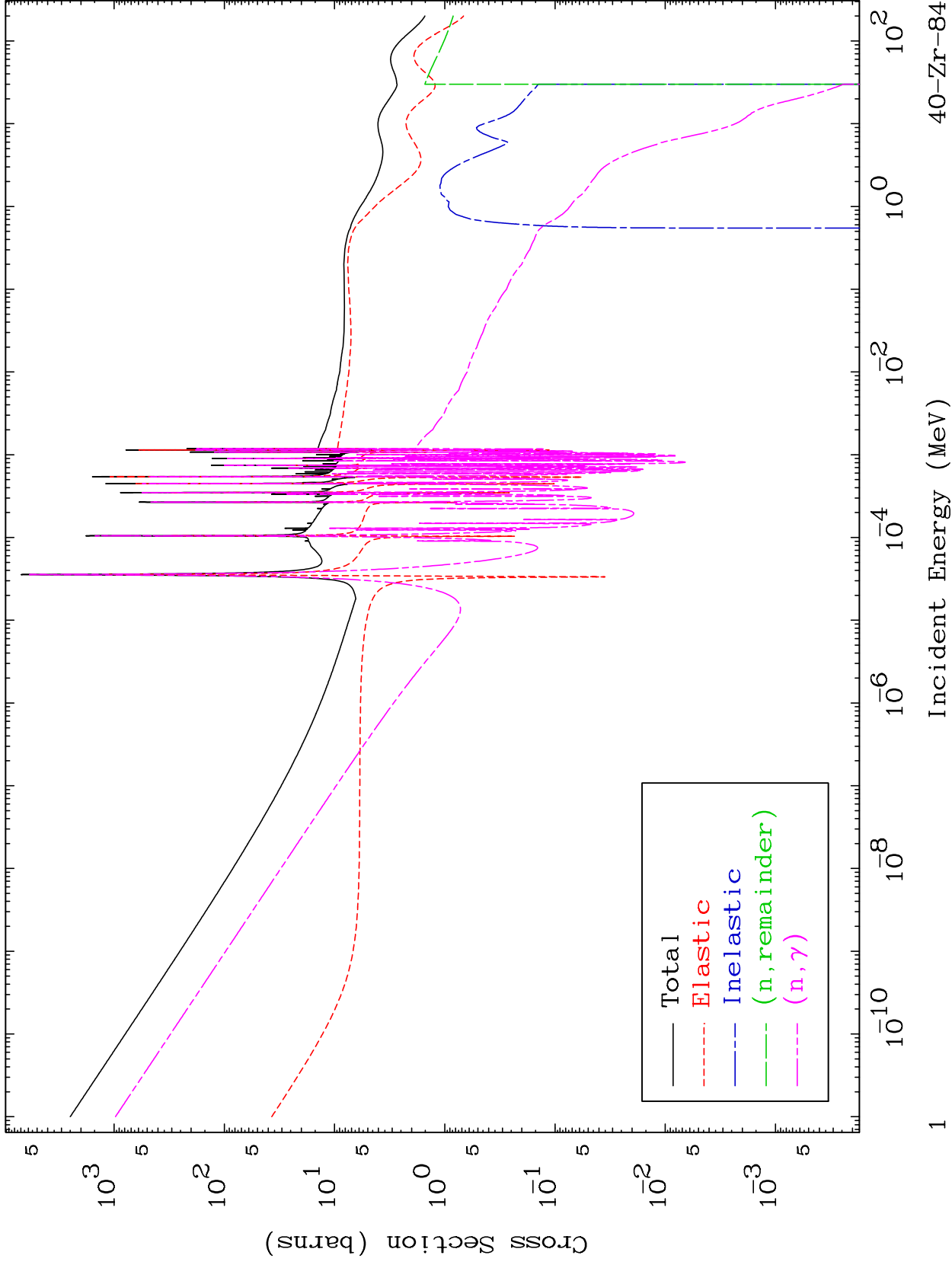
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4007

Major
293 Kelvin Cross Sections

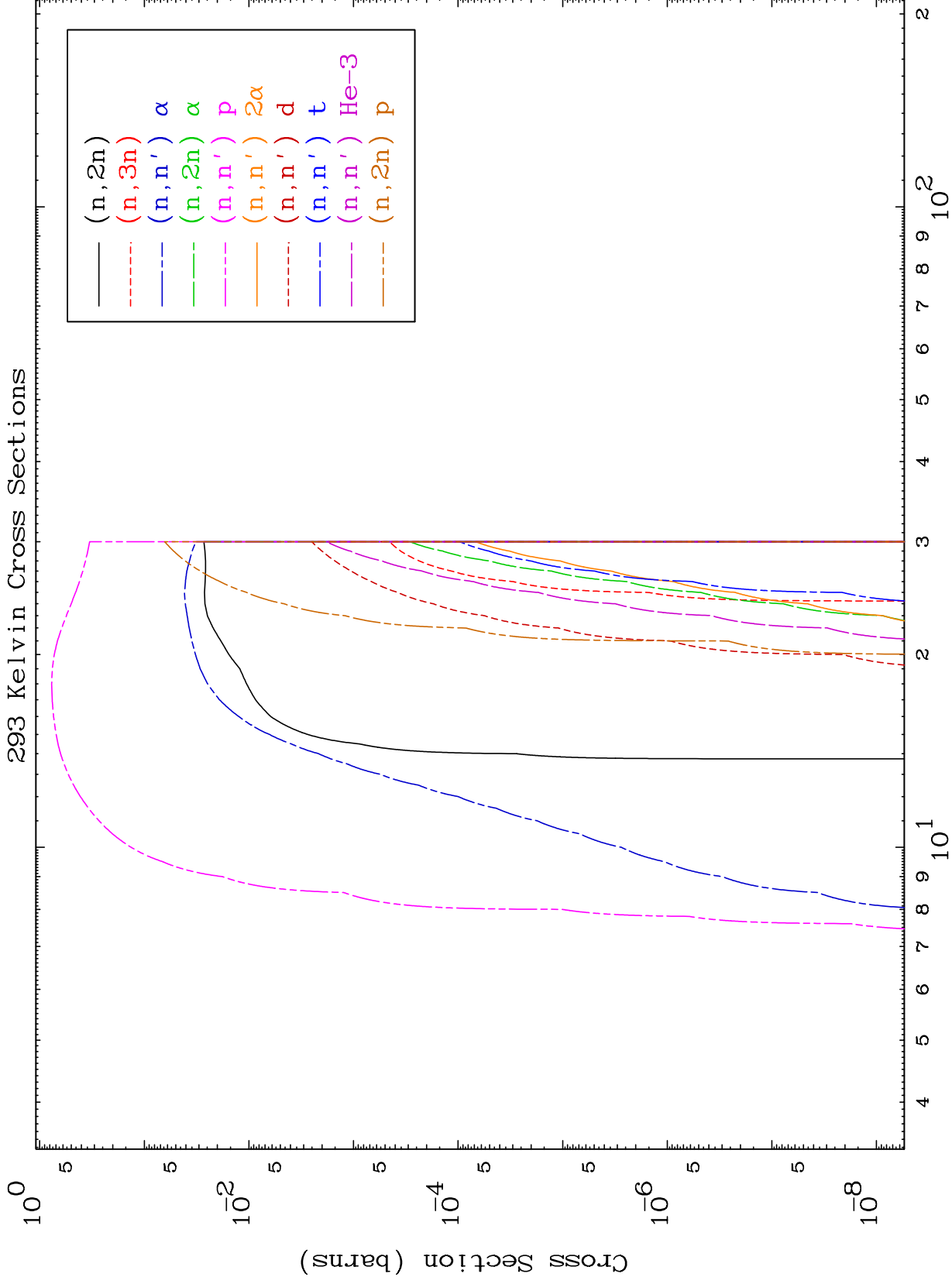
40-Zr-84



MAT 4007

Neutron Production
293 Kelvin Cross Sections

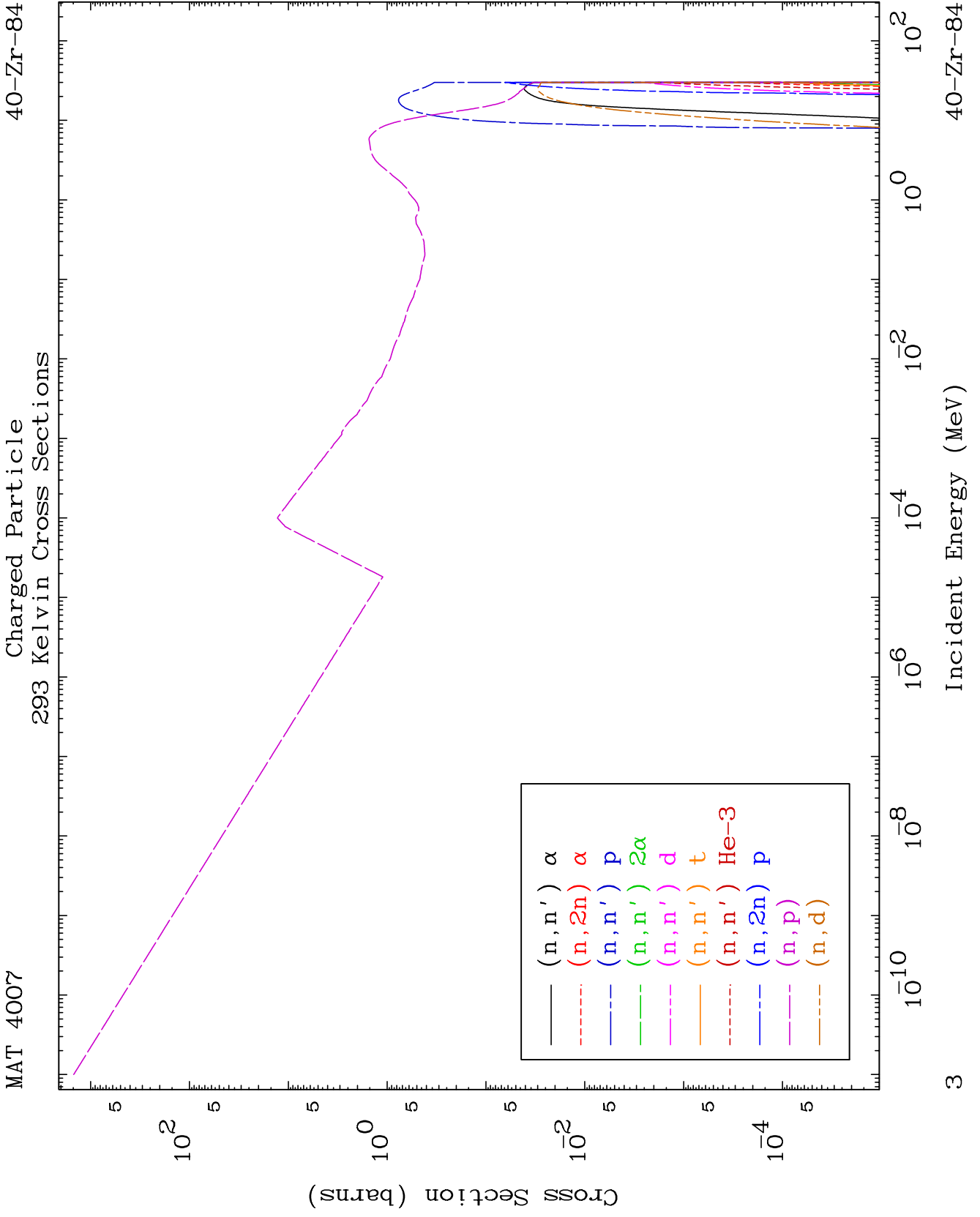
40-Zr-84



2

Incident Energy (MeV)

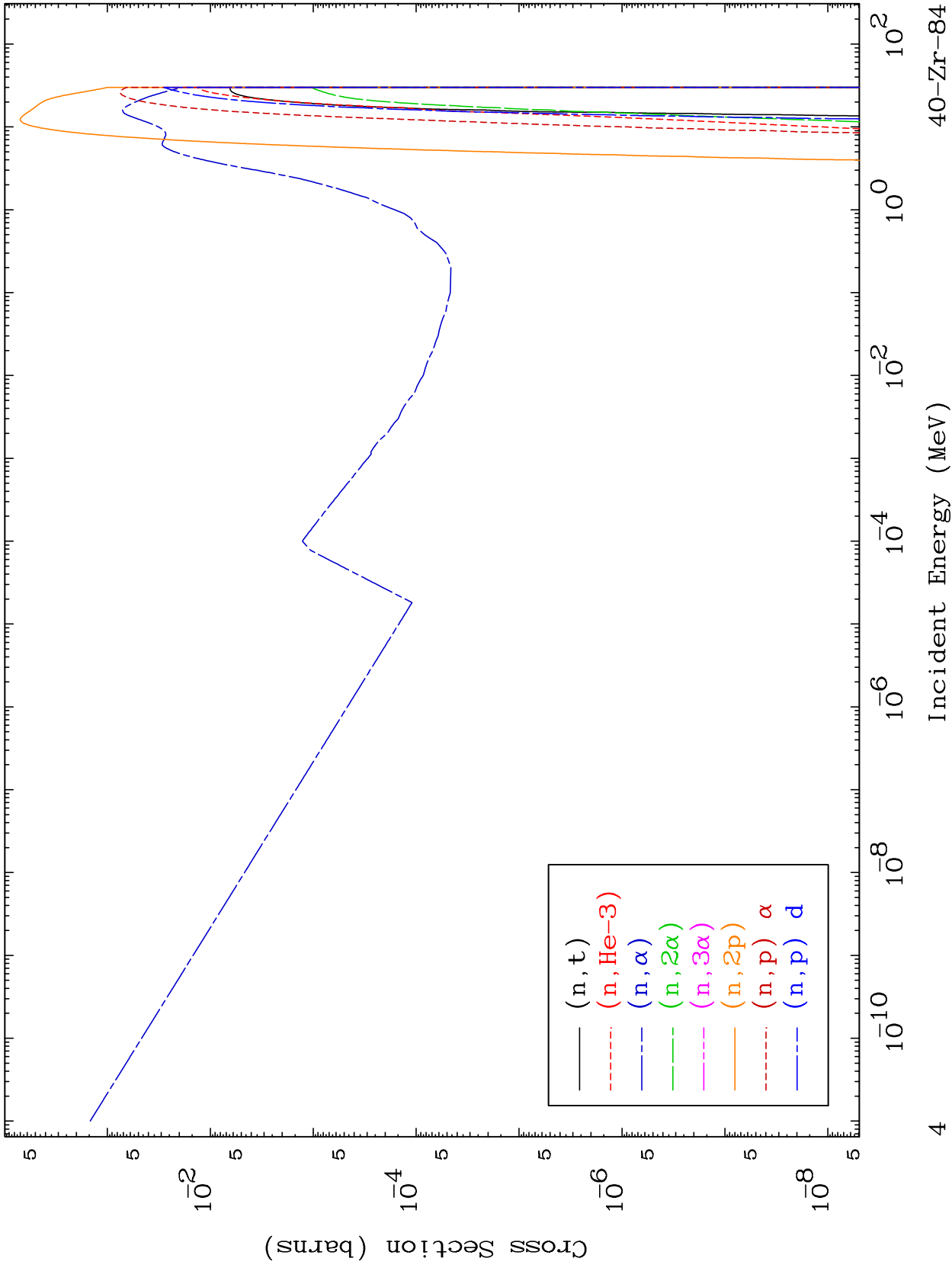
40-Zr-84



MAT 4007

Charged Particle
293 Kelvin Cross Sections

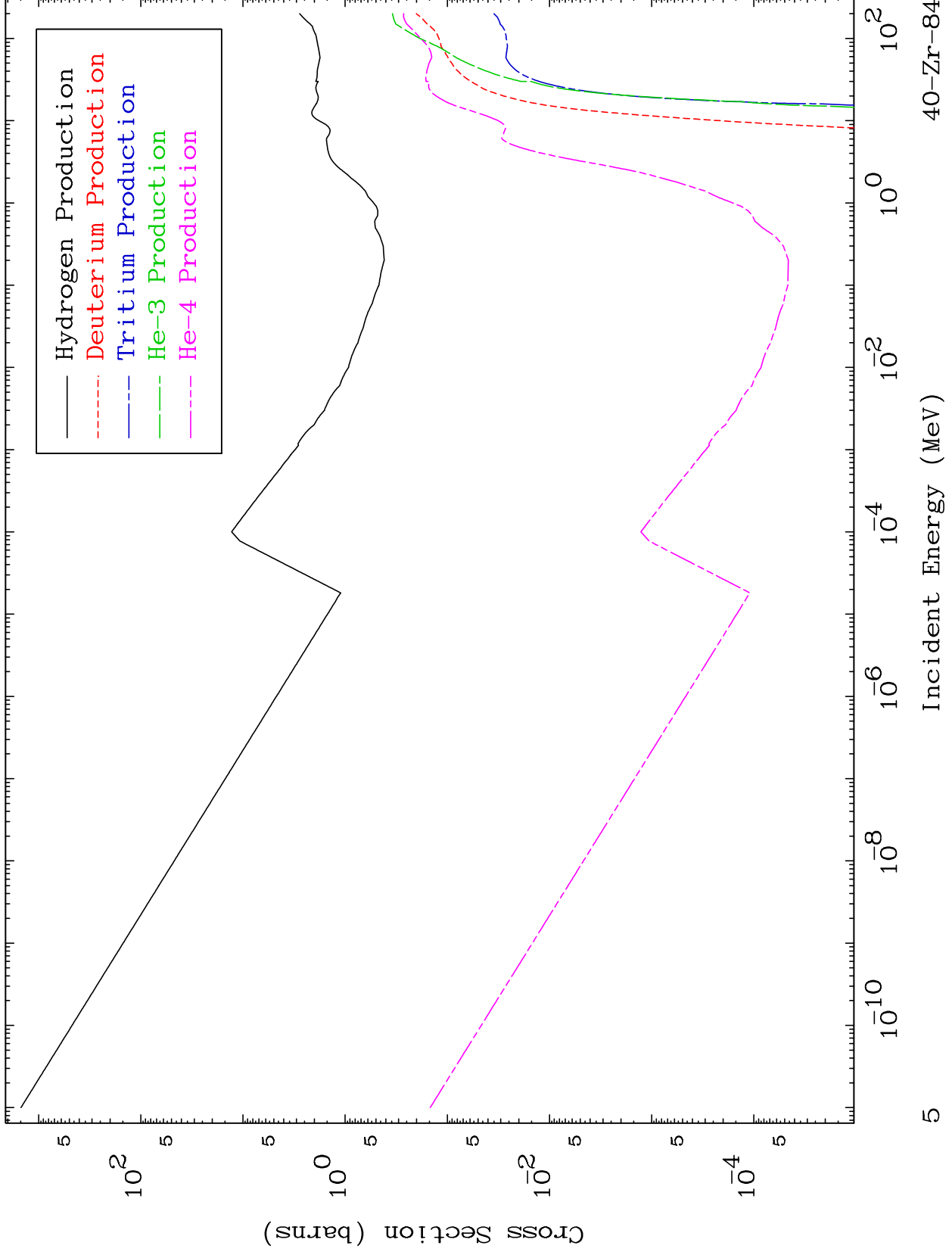
40-Zr-84



MAT 4007

Particle Production
293 Kelvin Cross Sections

40-Zr-84

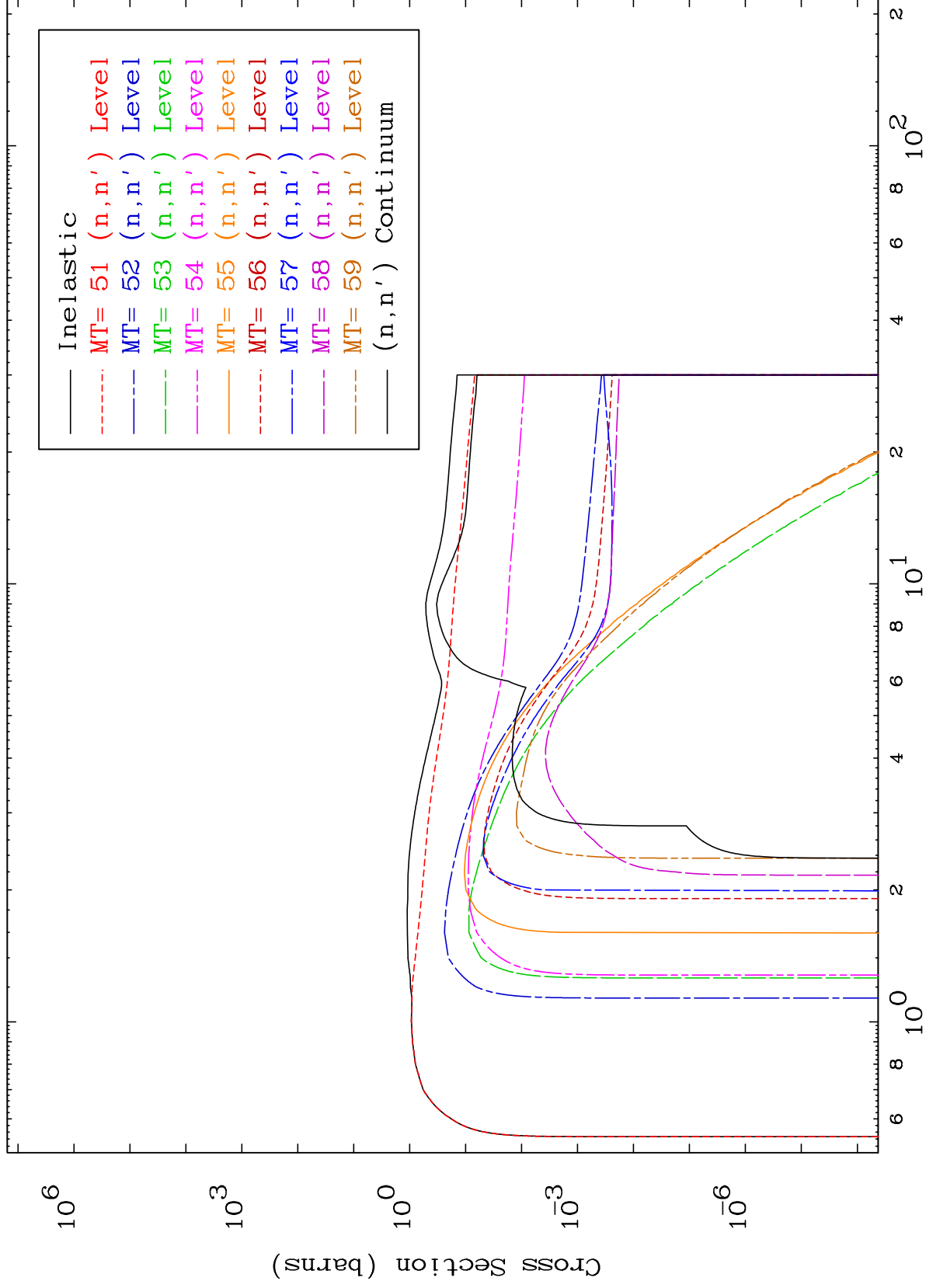


MAT 4007

(n,n') Level

40-Zr-84

293 Kelvin Cross Sections



6

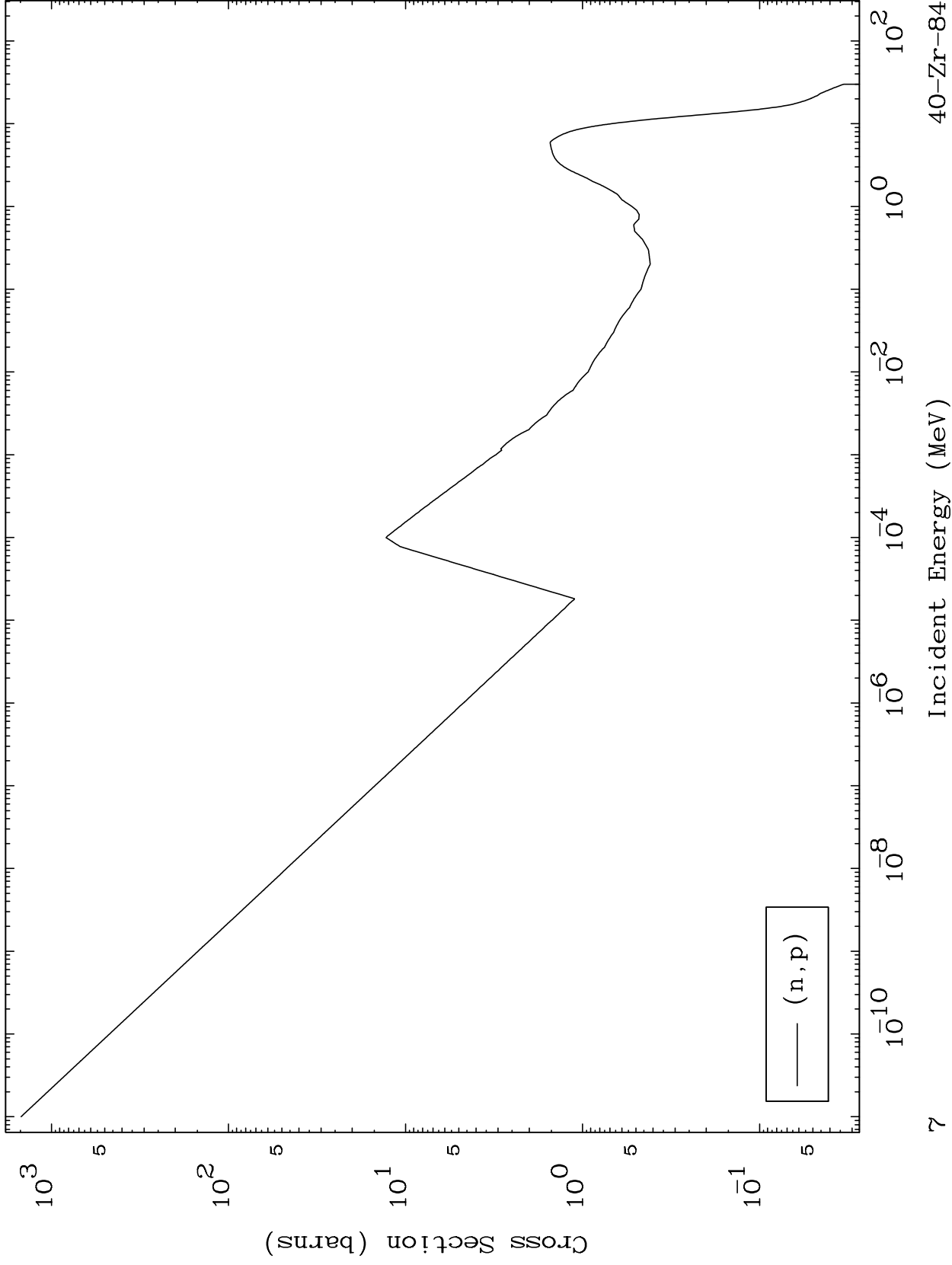
Incident Energy (MeV)

40-Zr-84

MAT 4007

(n,p) Levels
293 Kelvin Cross Sections

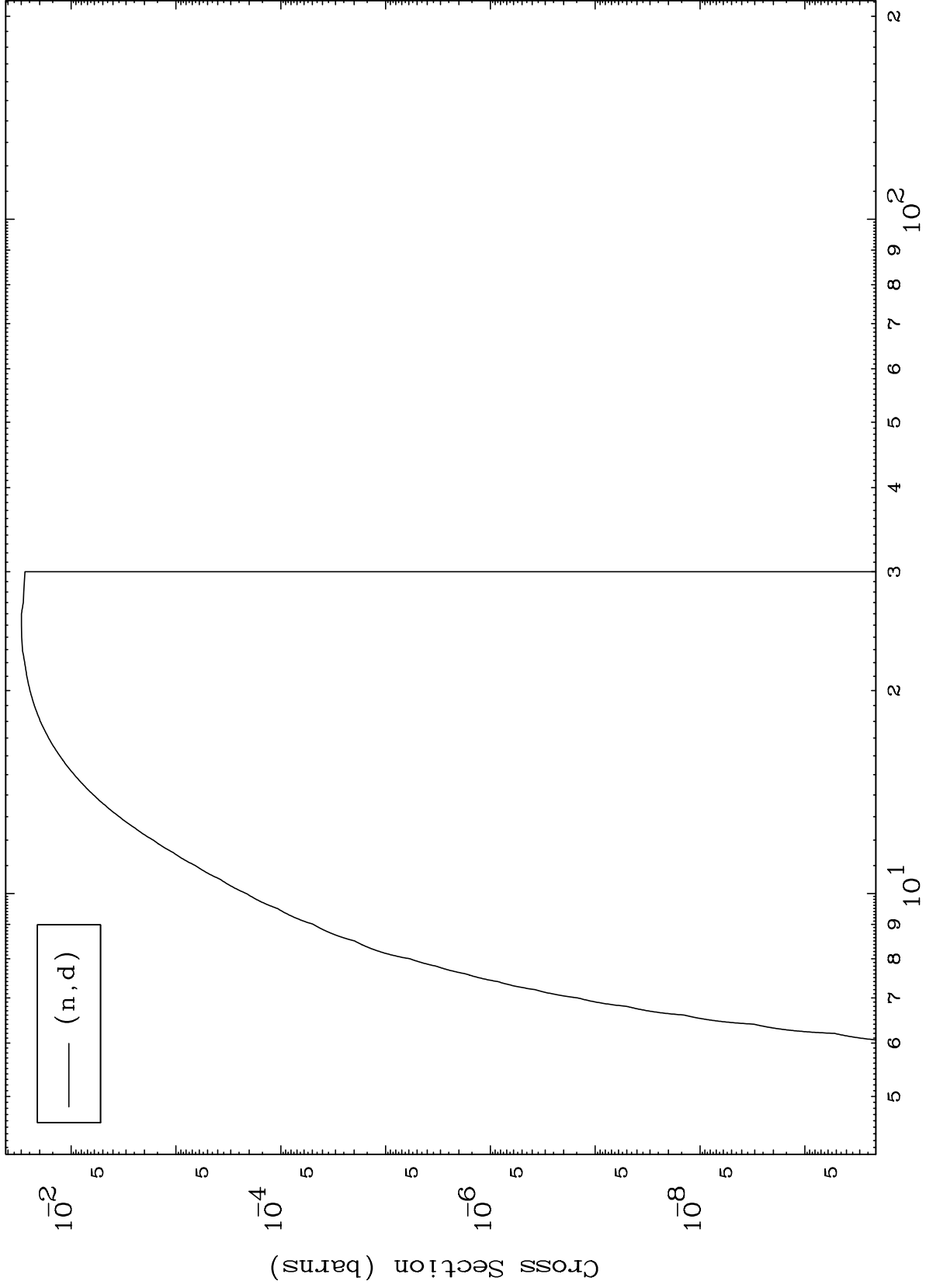
40-Zr-84



MAT 4007

(n,d) Levels
293 Kelvin Cross Sections

40-Zr-84



8

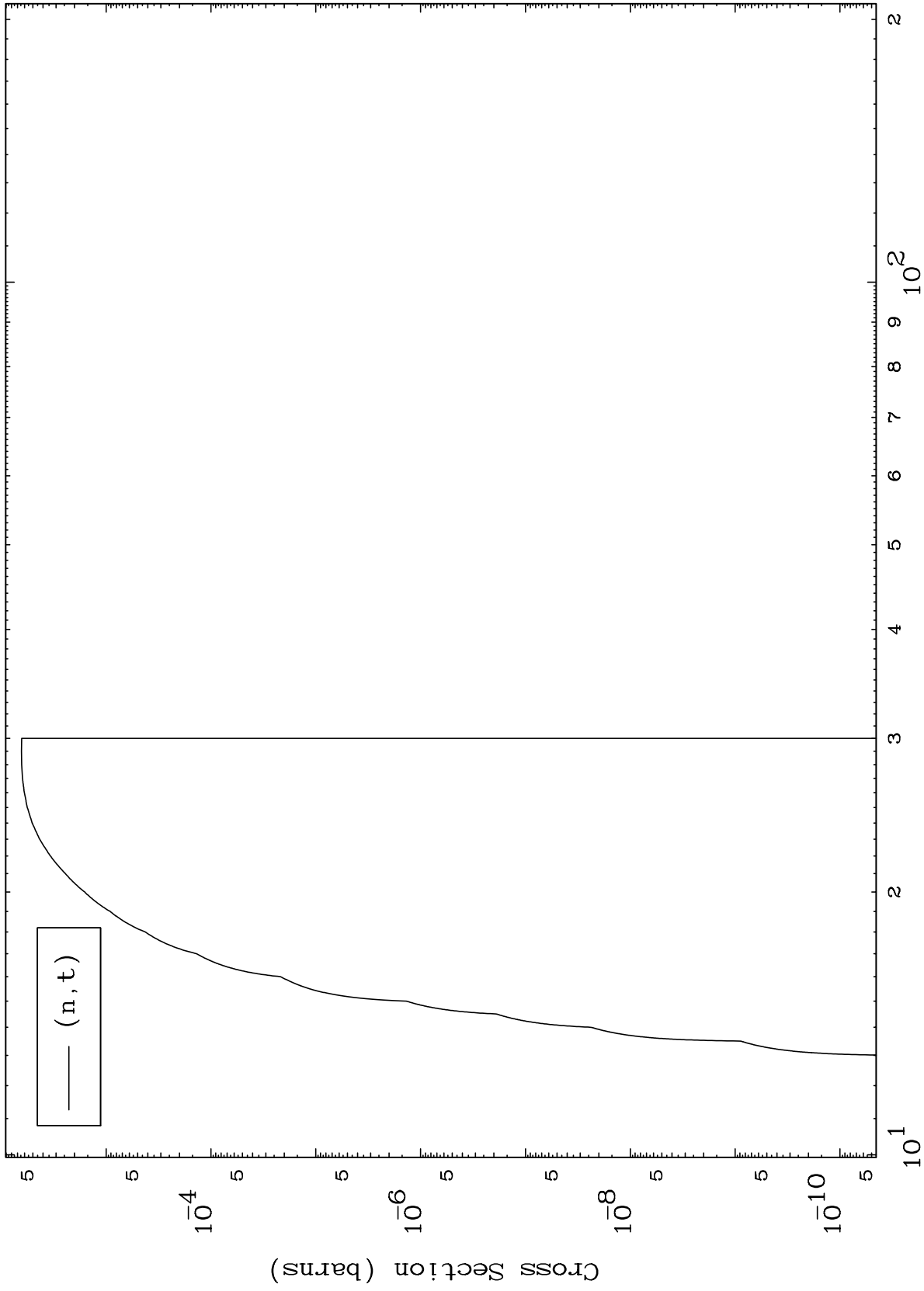
Incident Energy (MeV)

40-Zr-84

MAT 4007

(n,t) Levels
293 Kelvin Cross Sections

40-Zr-84



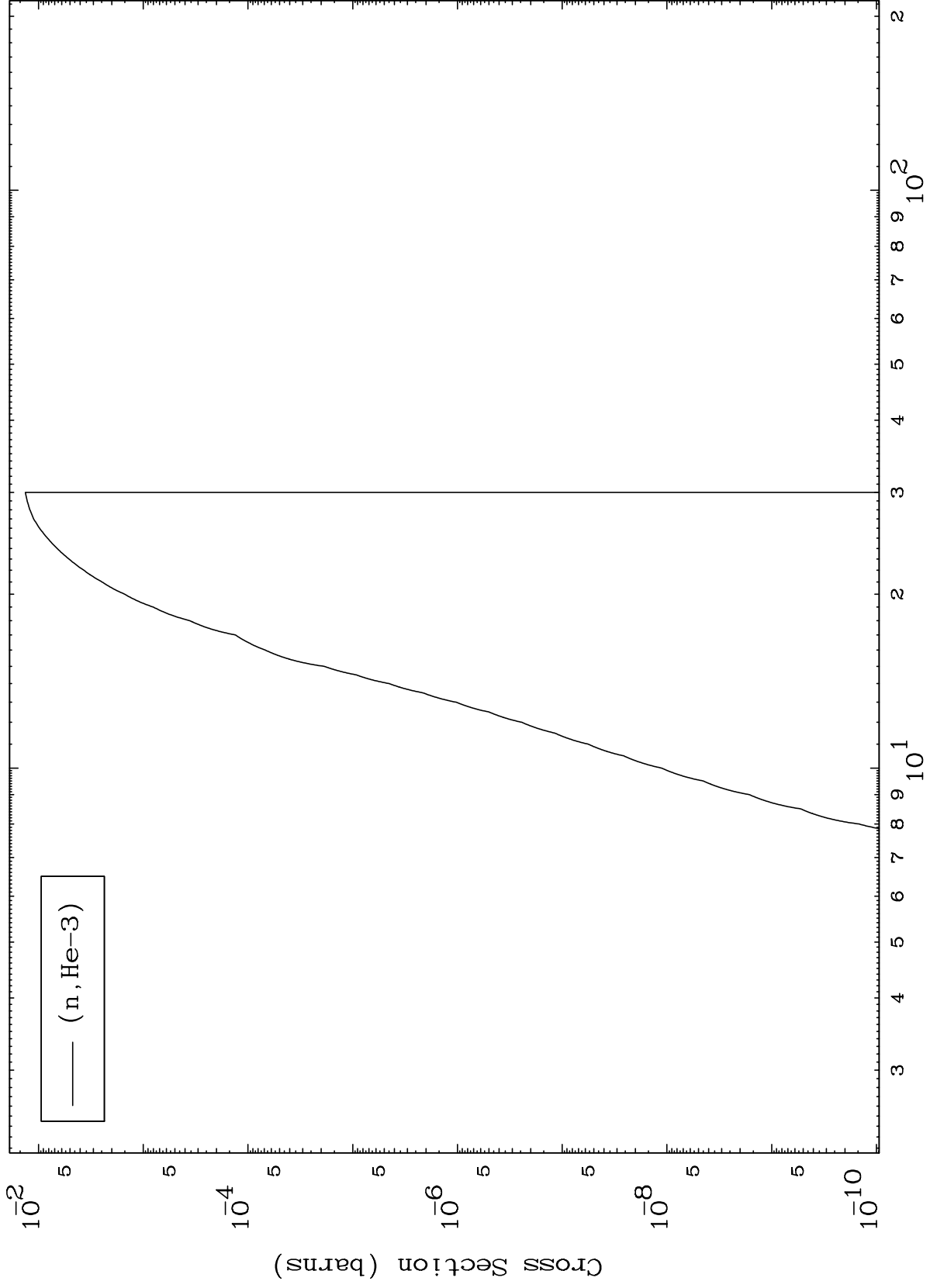
Incident Energy (MeV)

40-Zr-84

MAT 4007

(n,He3) Levels
293 Kelvin Cross Sections

40-Zr-84



10

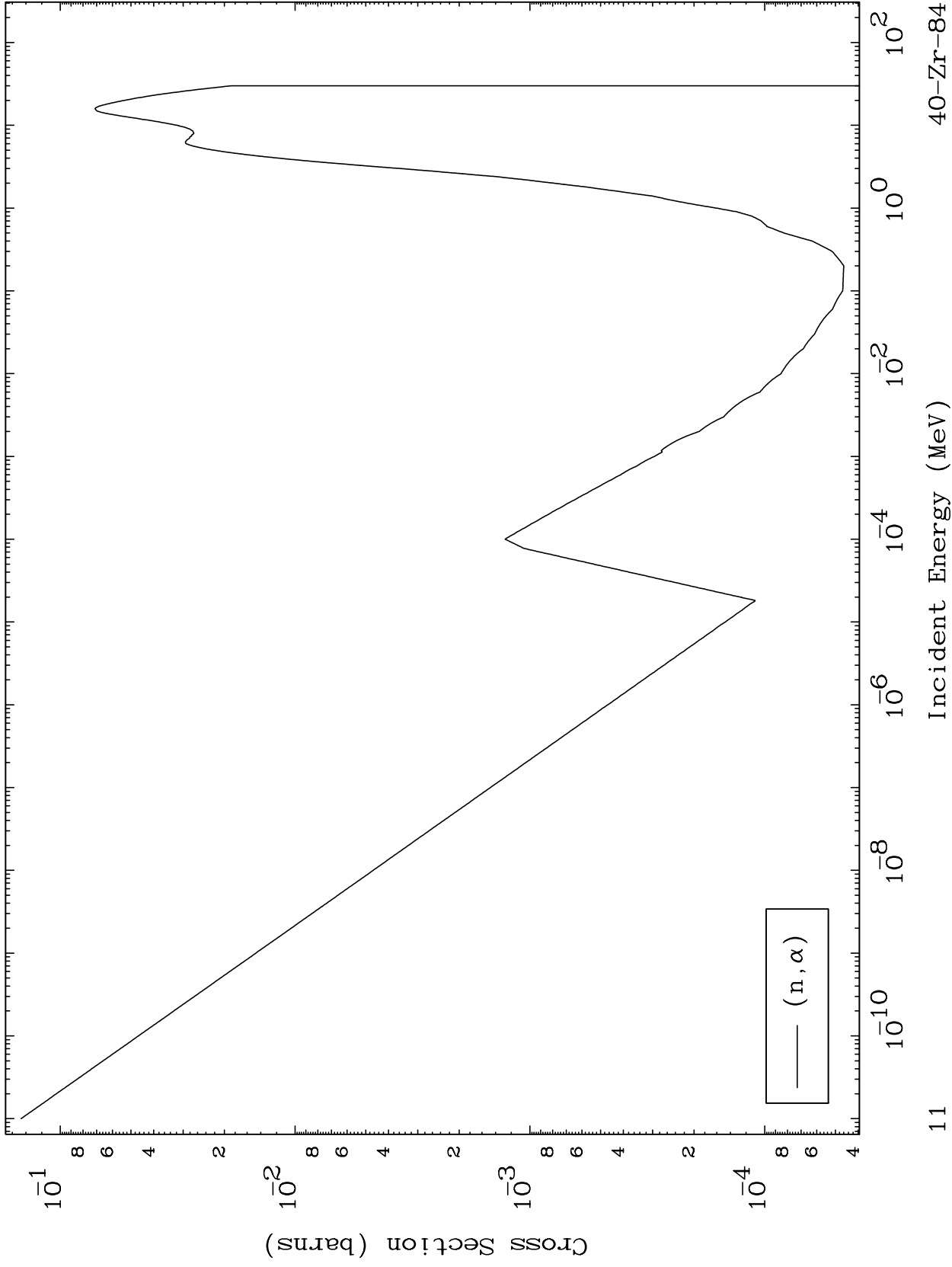
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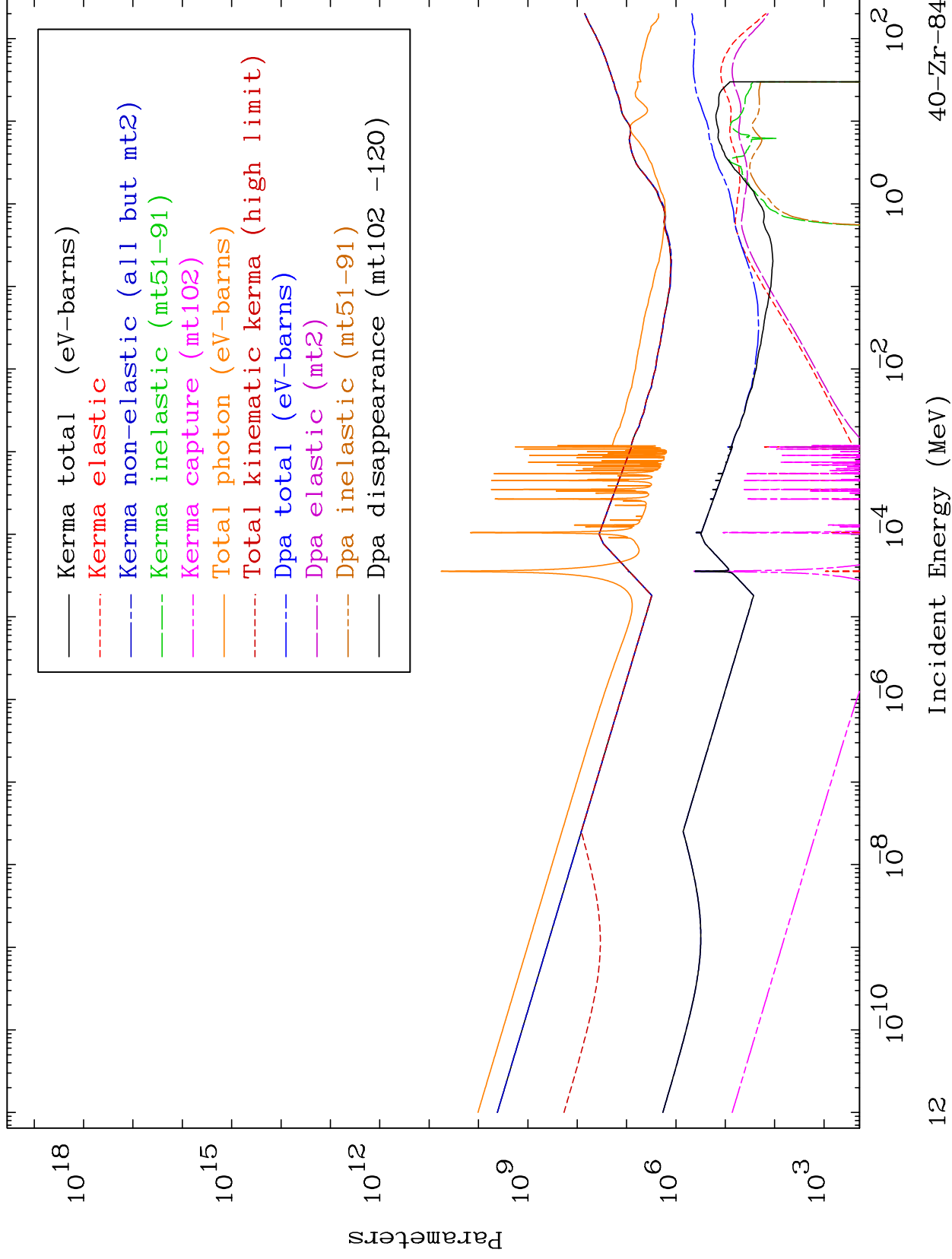
40-Zr-84

MAT 4007

(n, α) Levels
293 Kelvin Cross Sections

40-Zr-84

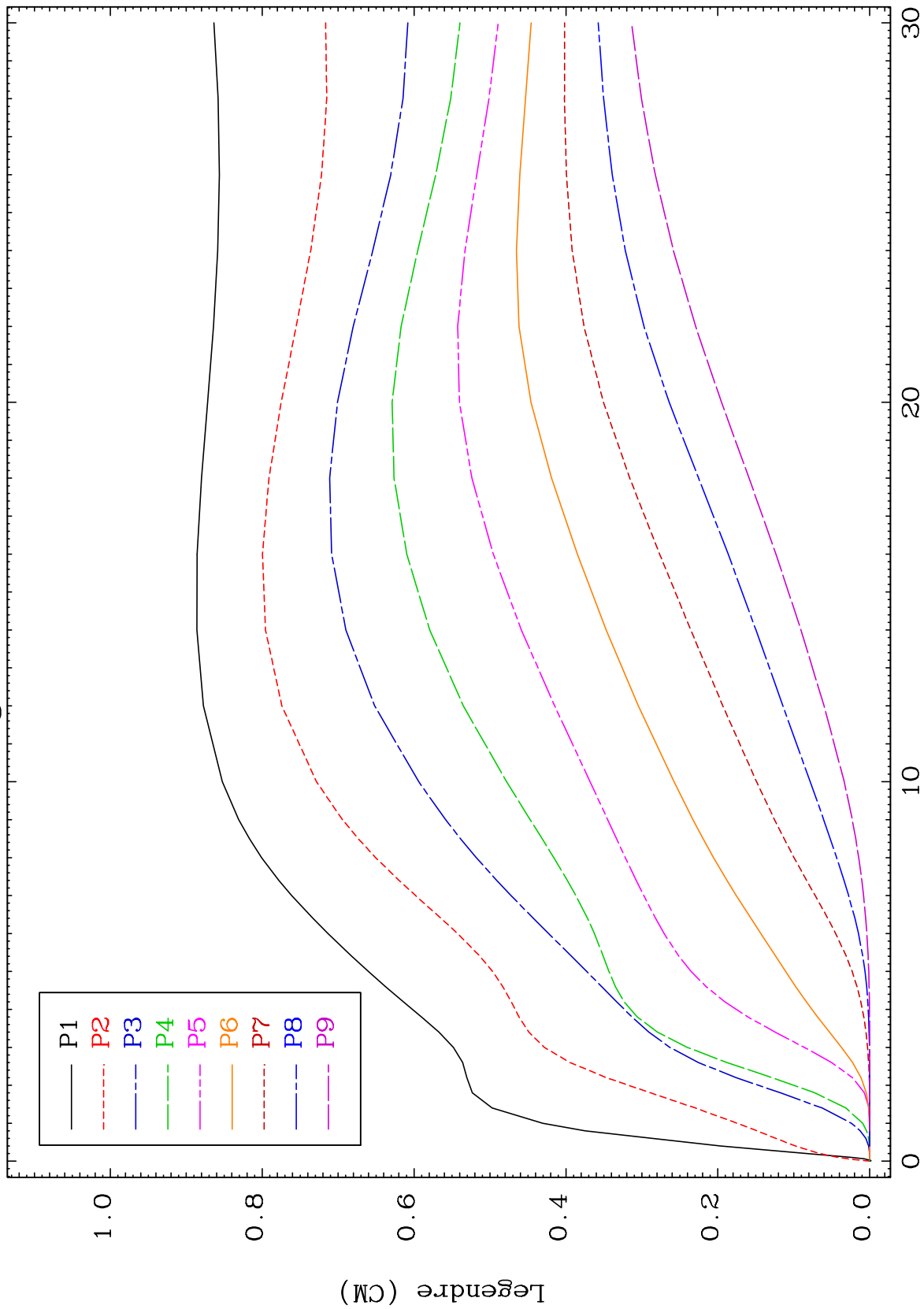




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Elastic Legendre Coefficients

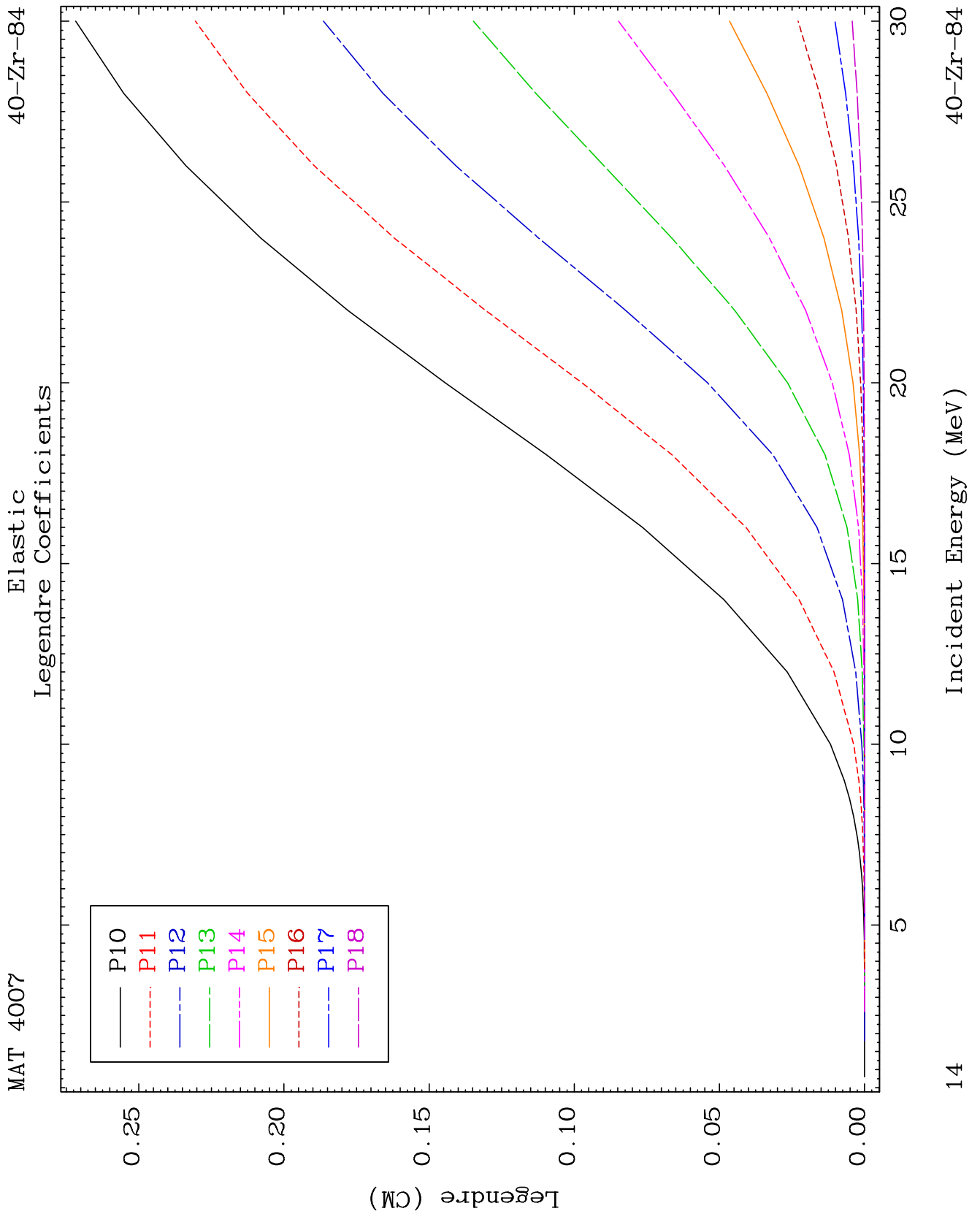
40-Zr-84



13

Incident Energy (MeV)

40-Zr-84



MAT 4007

Elastic Legendre Coefficients

40-Zr-84

14

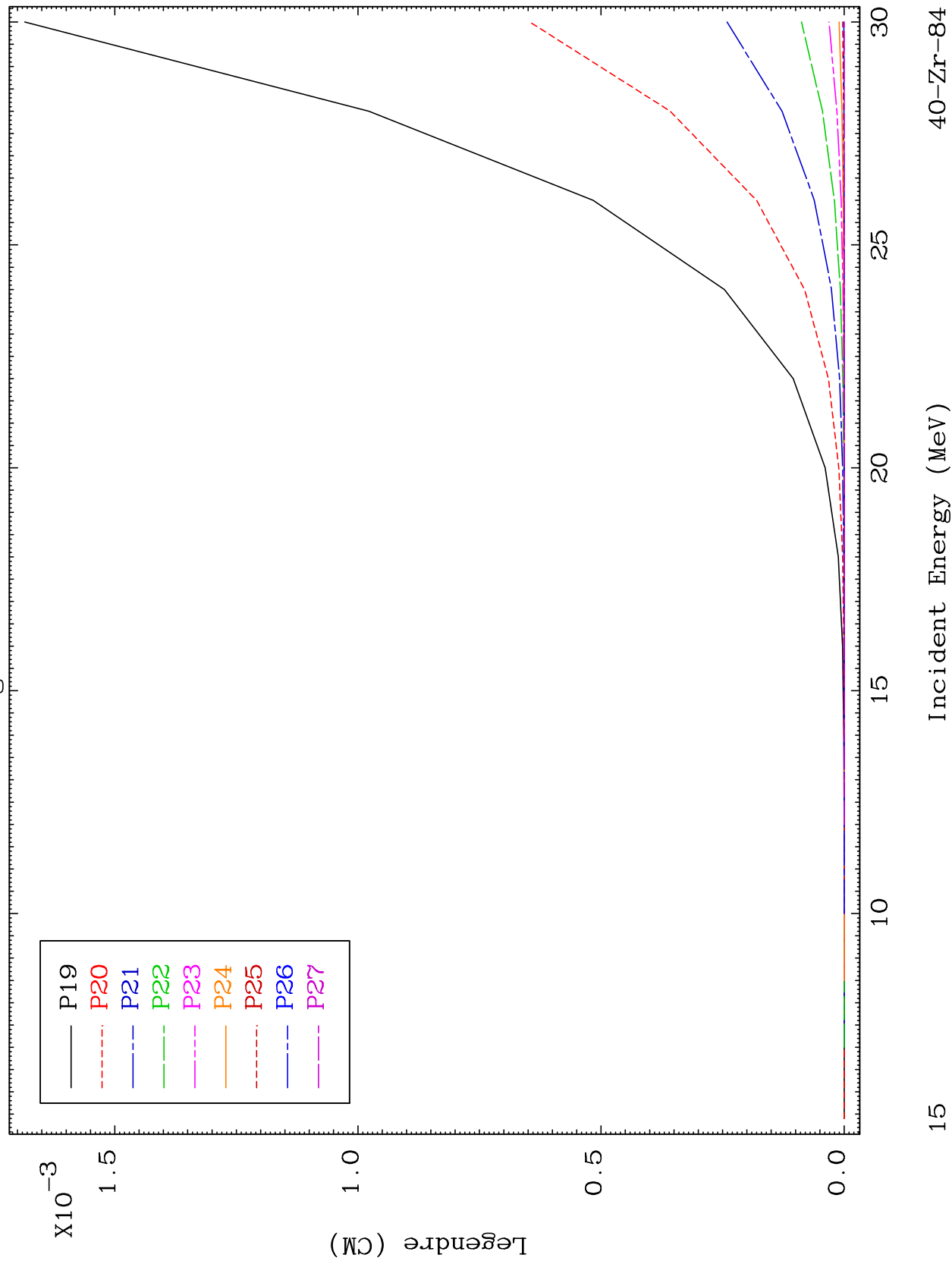
Incident Energy (MeV)

40-Zr-84

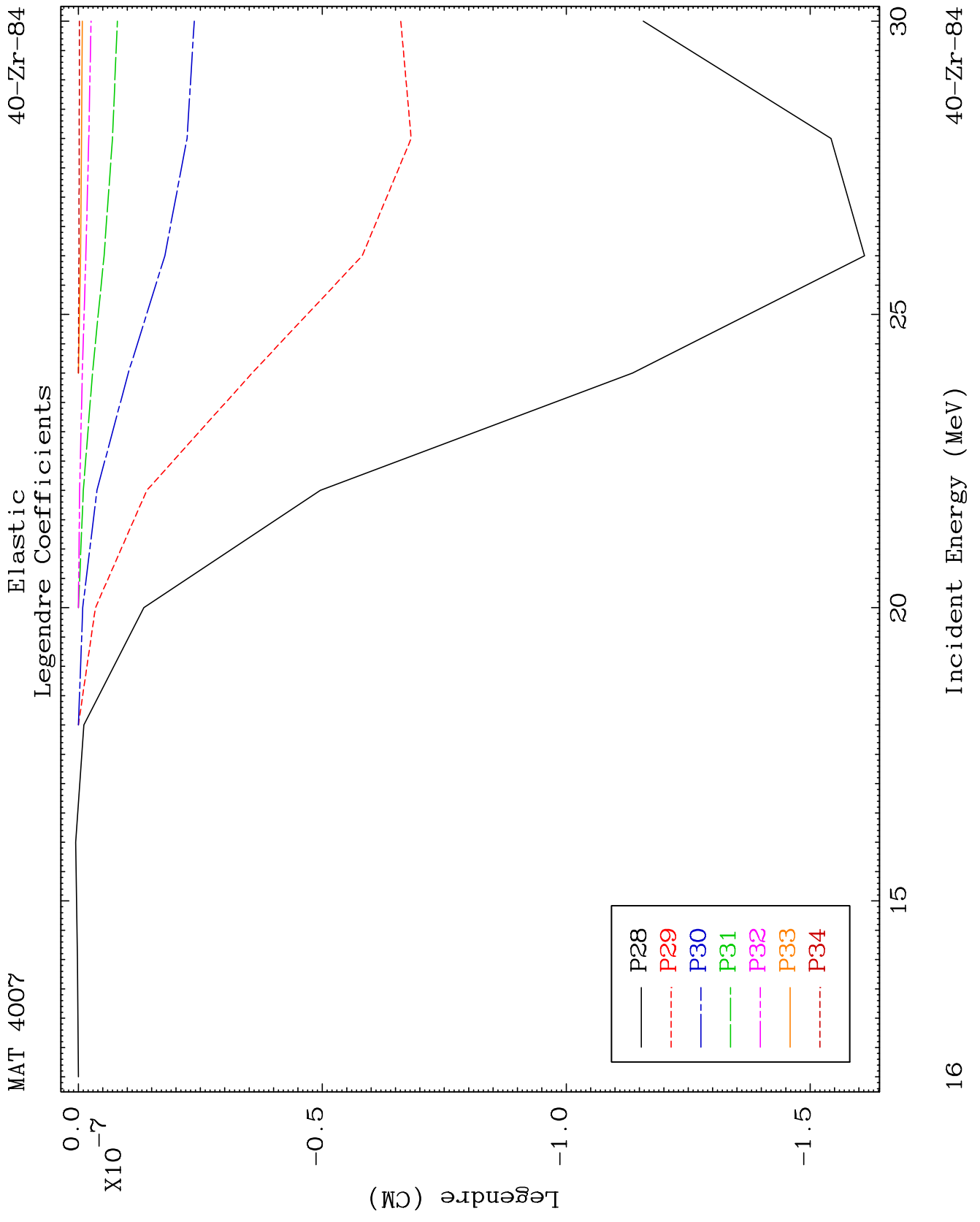
MAT 4007

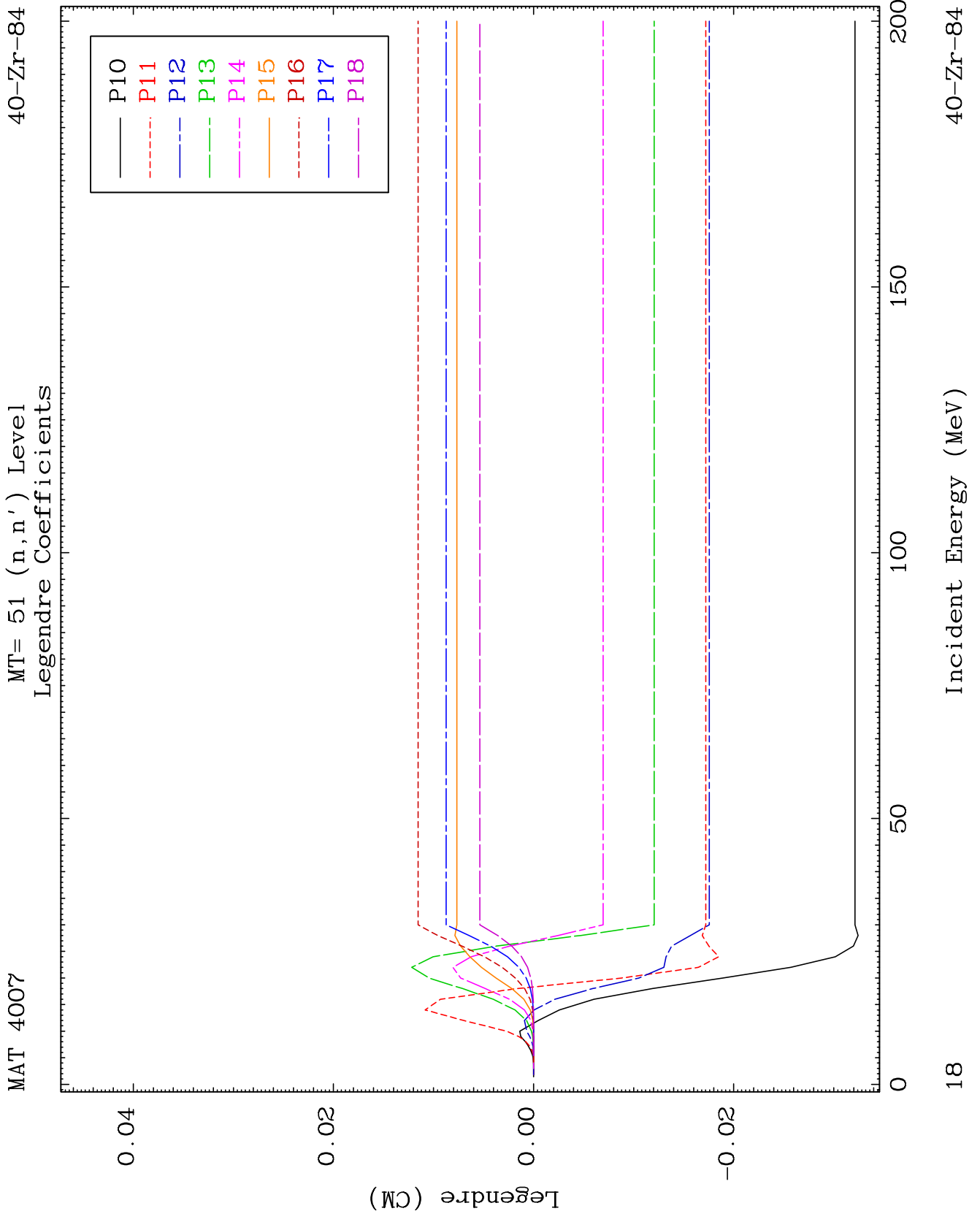
Elastic
Legendre Coefficients

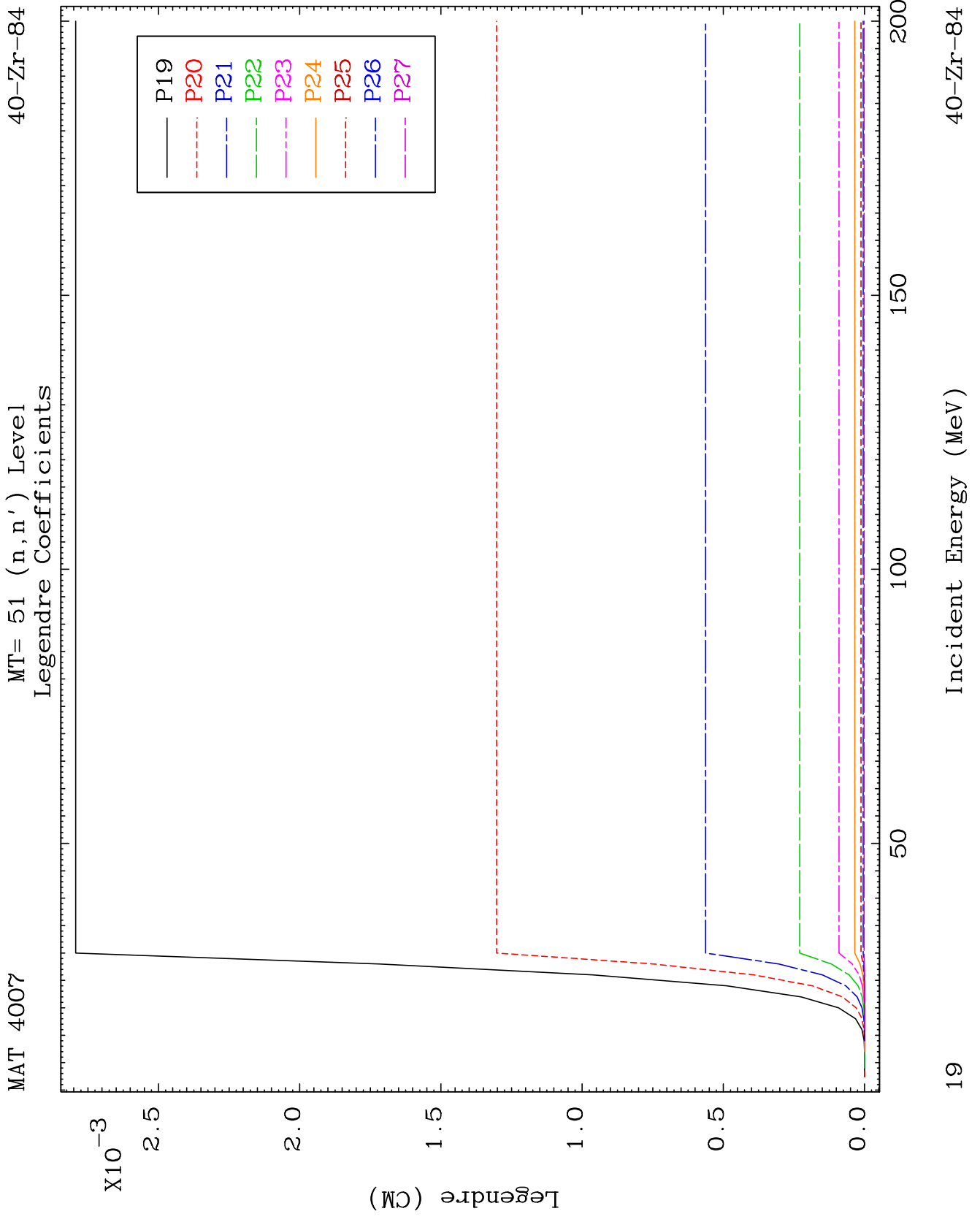
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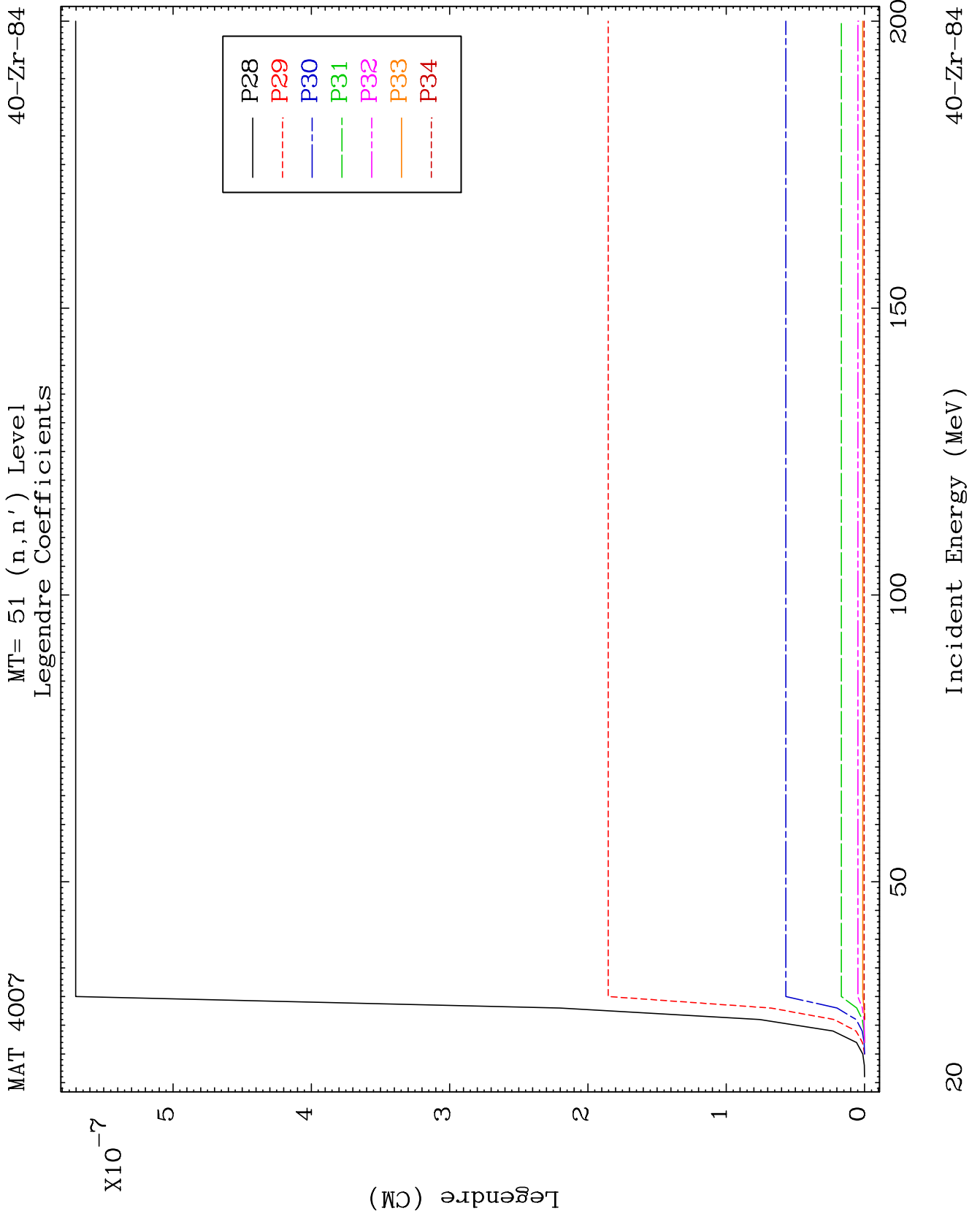


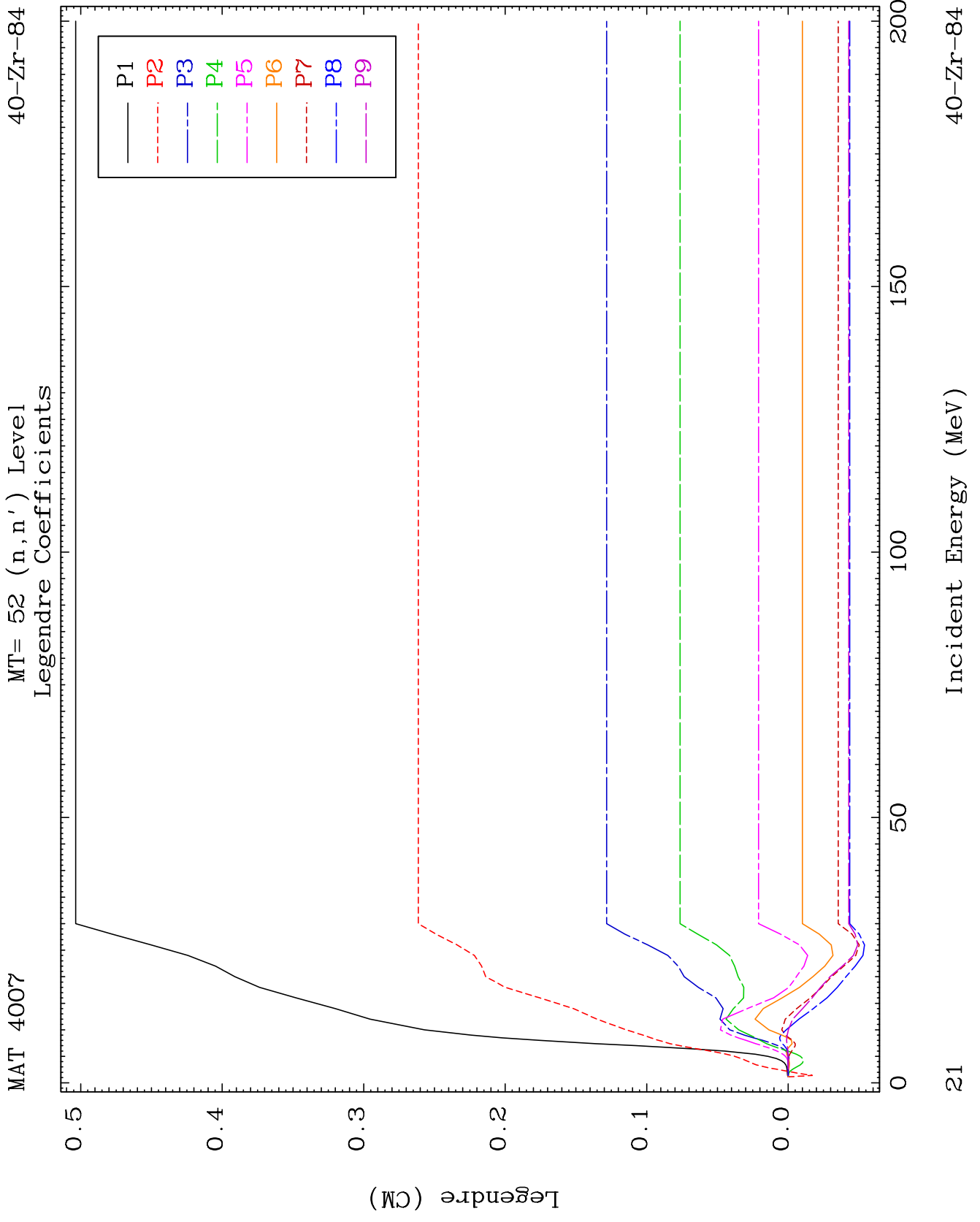
- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26
- P27







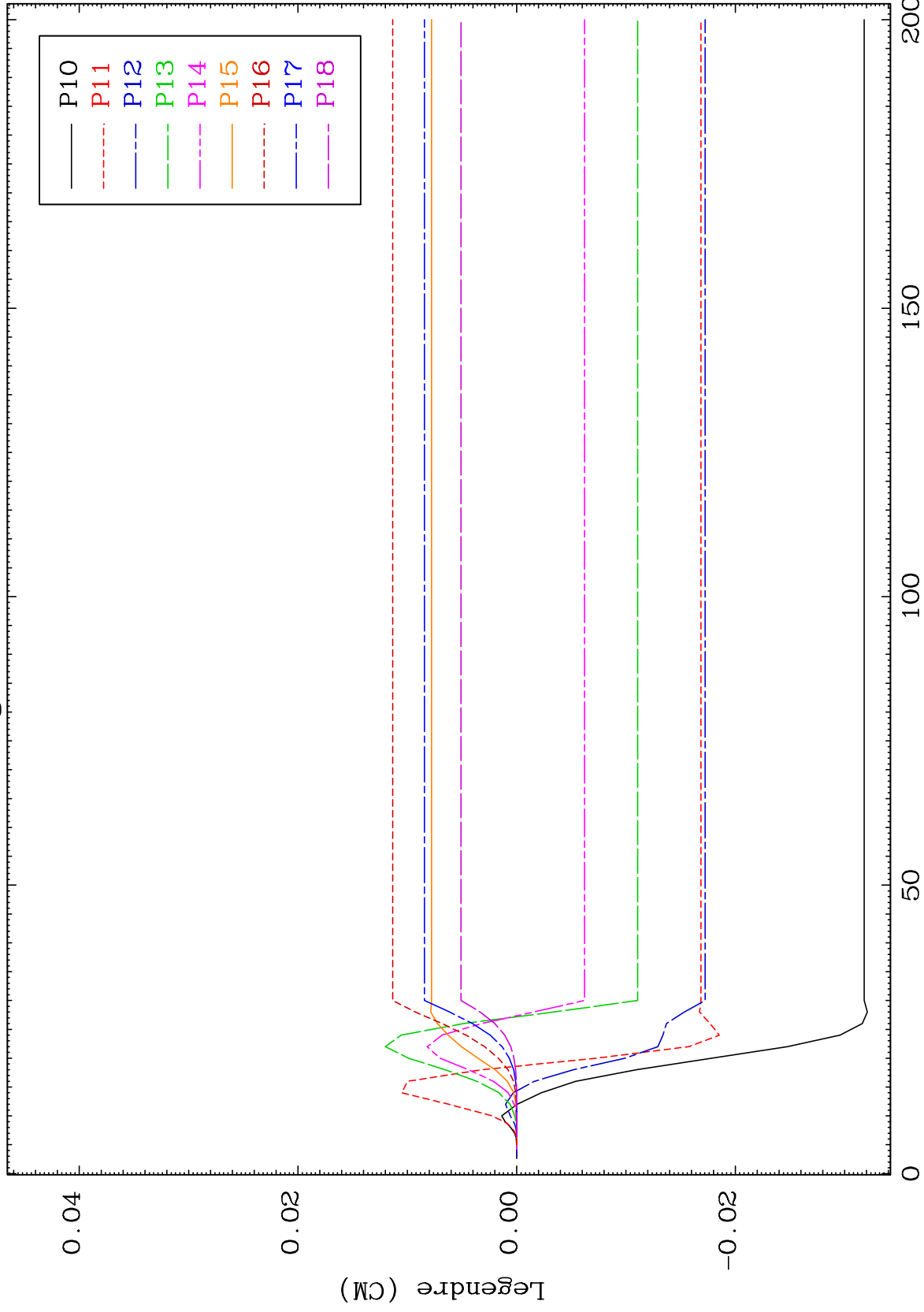




MAT 4007

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

40-Zr-84



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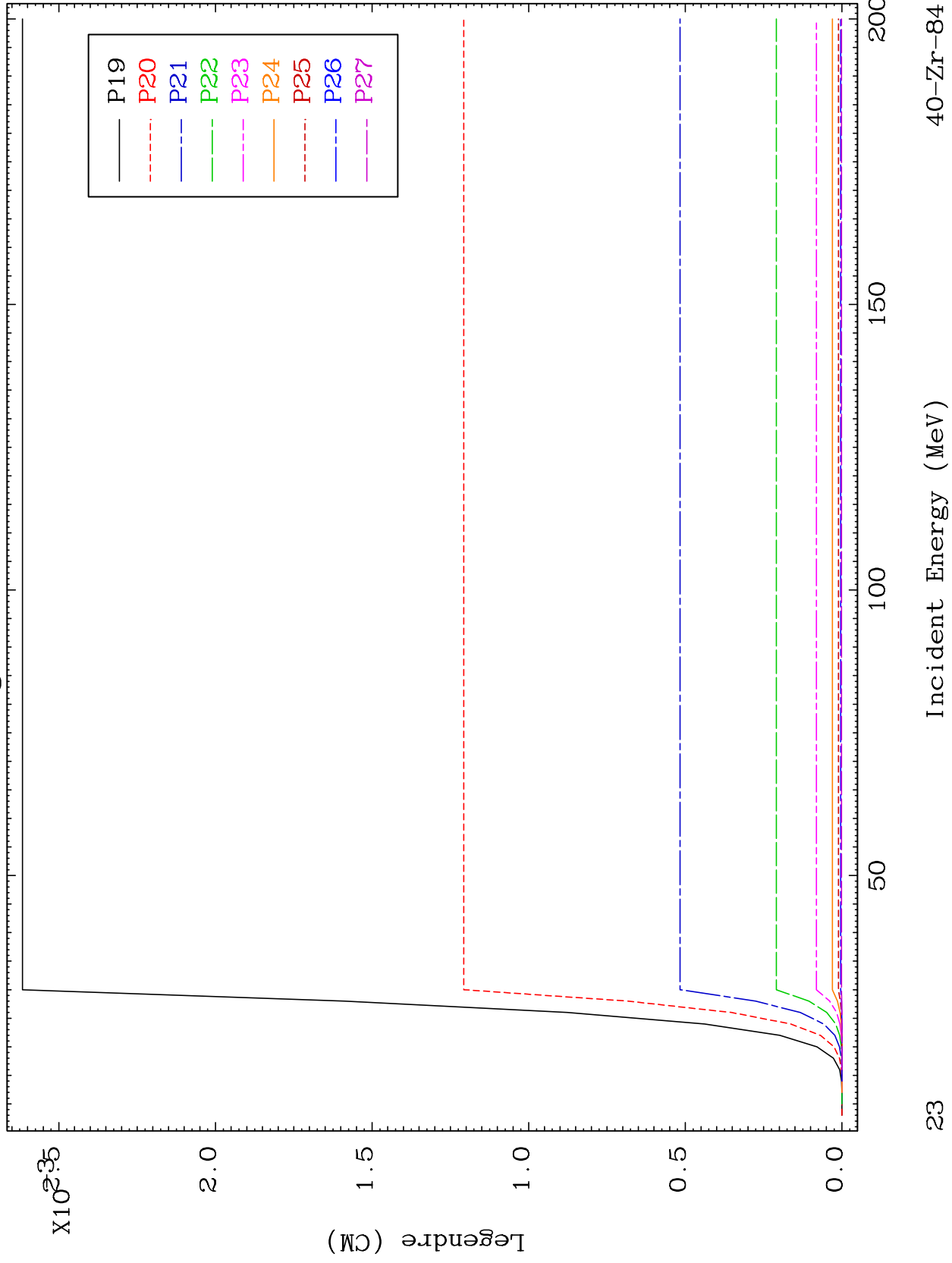
Incident Energy (MeV)

40-Zr-84

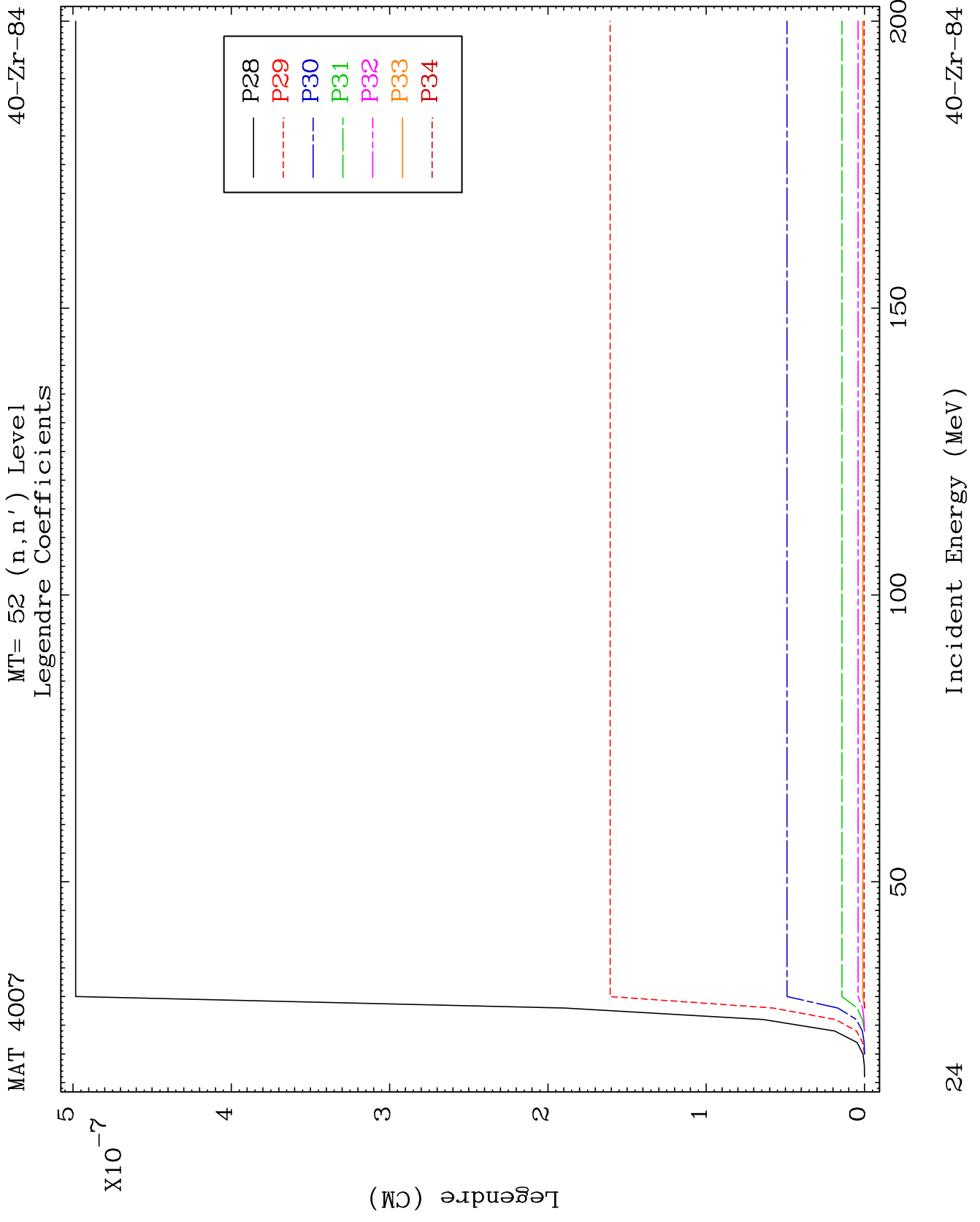
MAT 4007

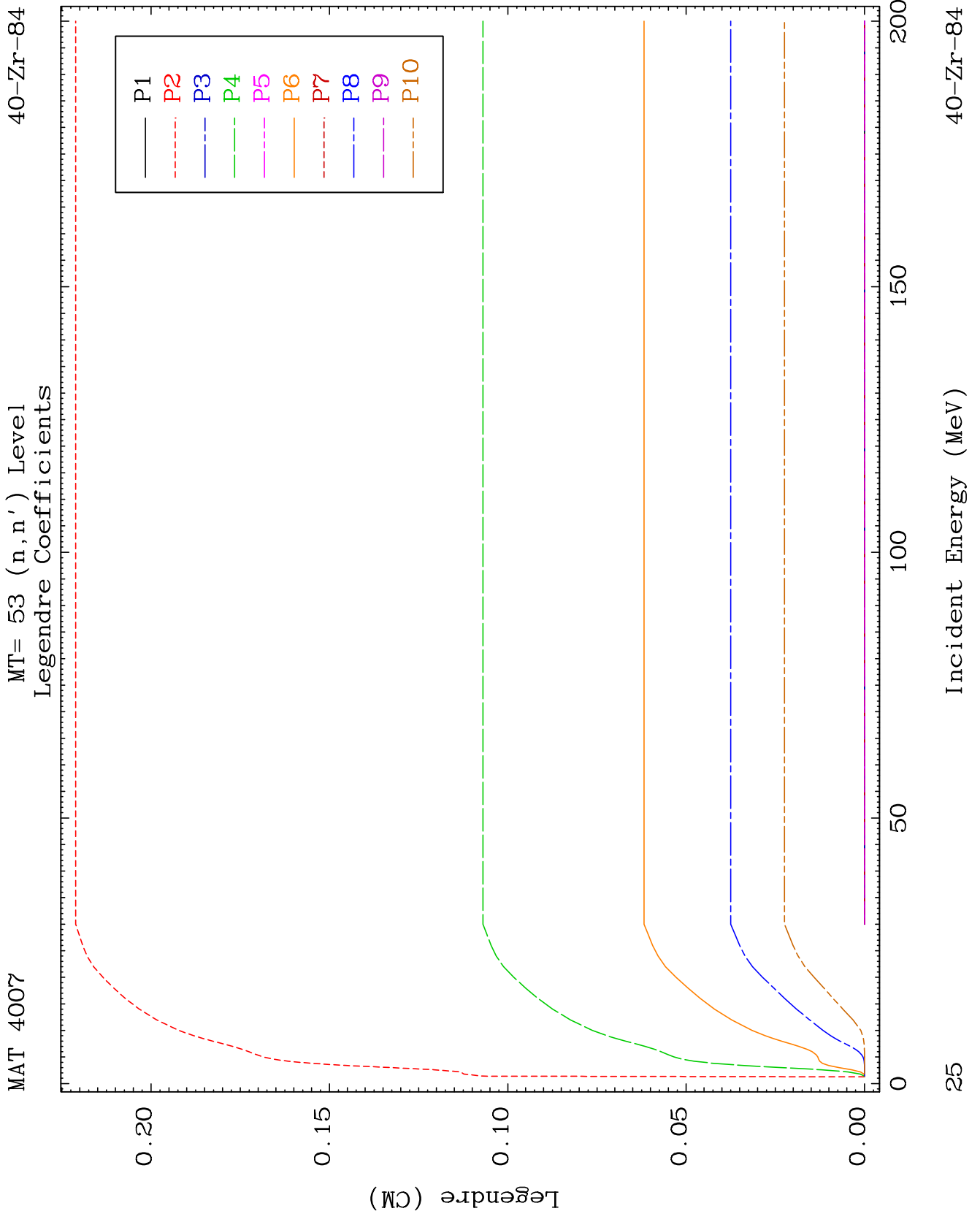
MT= 52 (n,n') Level
Legendre Coefficients

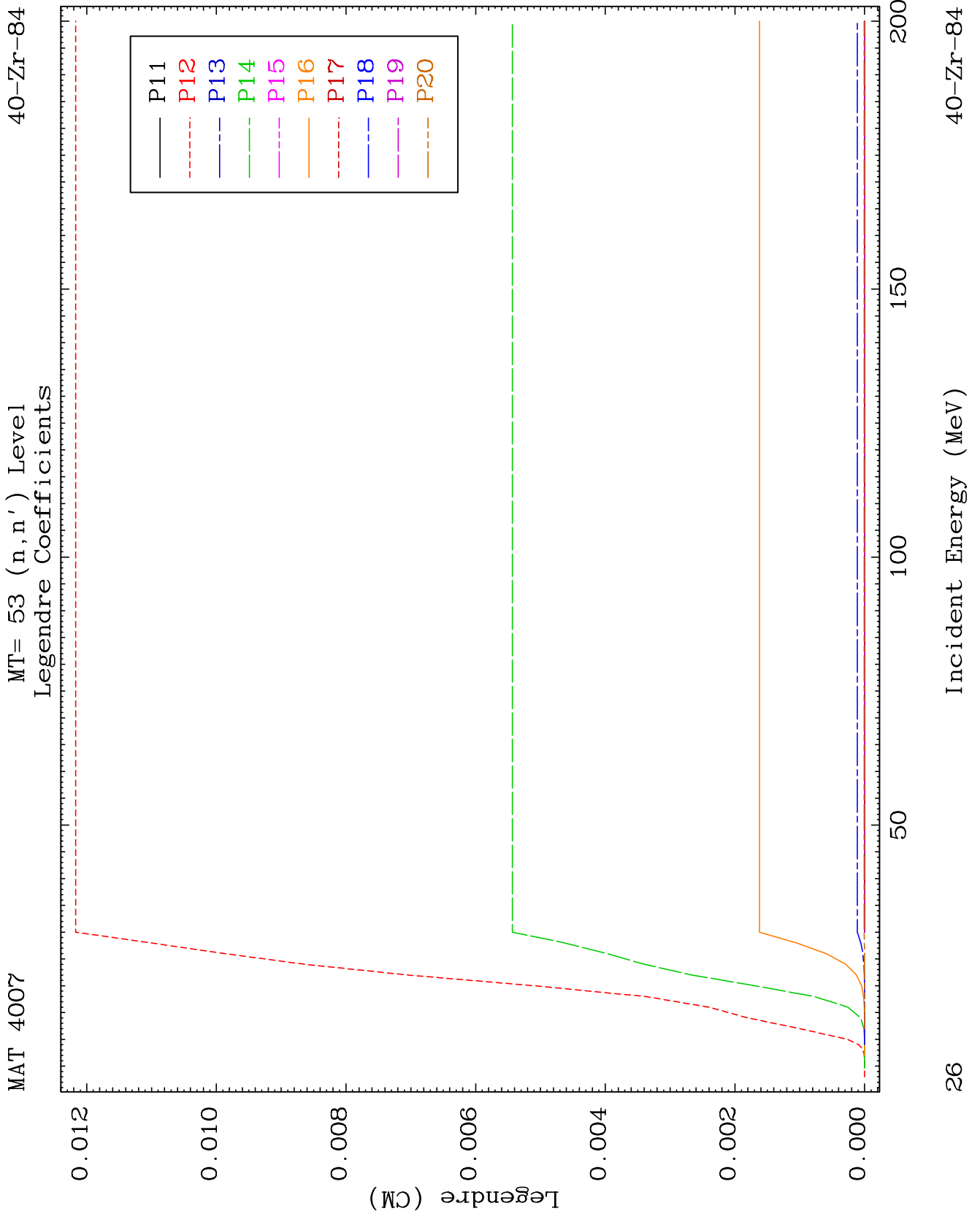
40-Zr-84

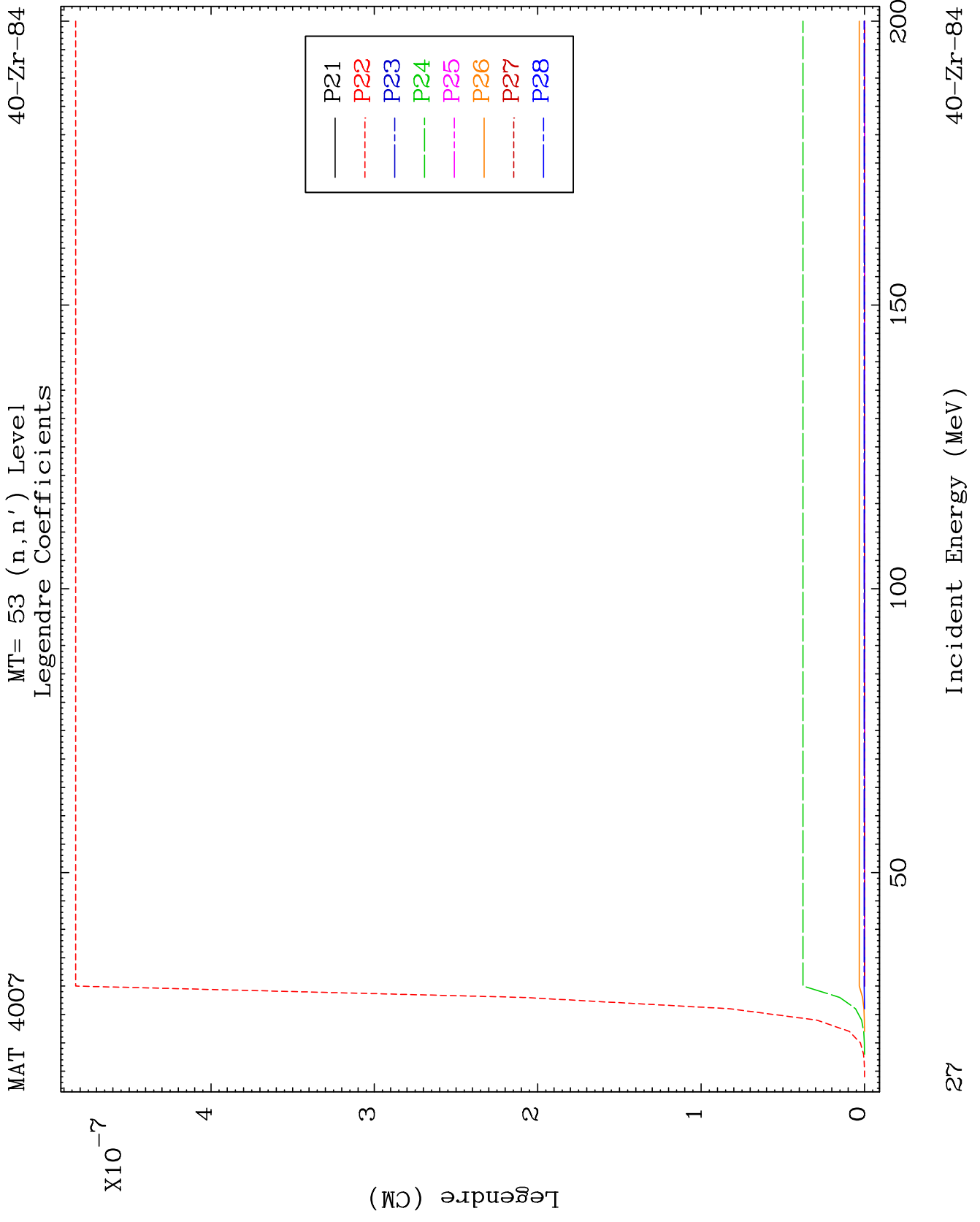


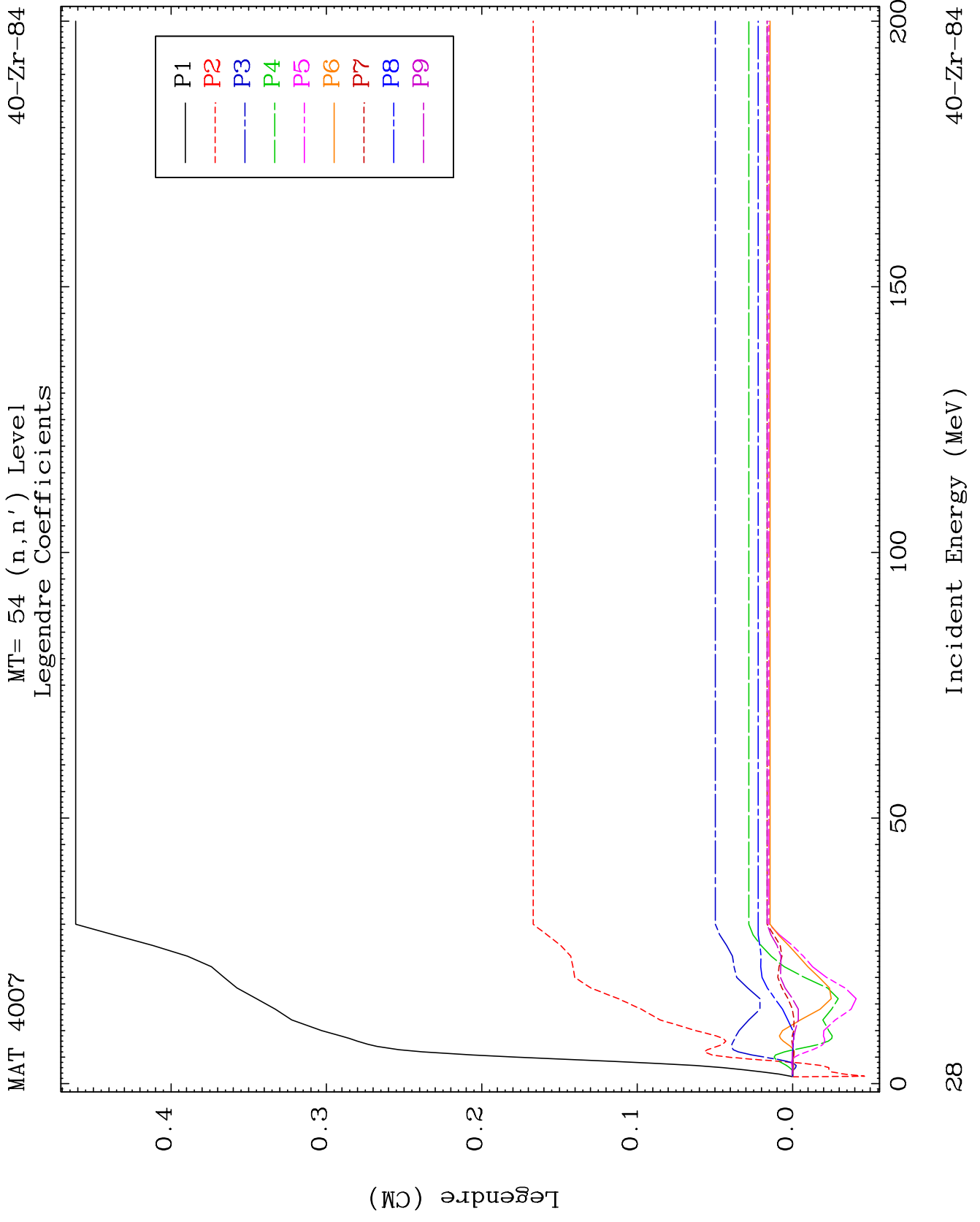
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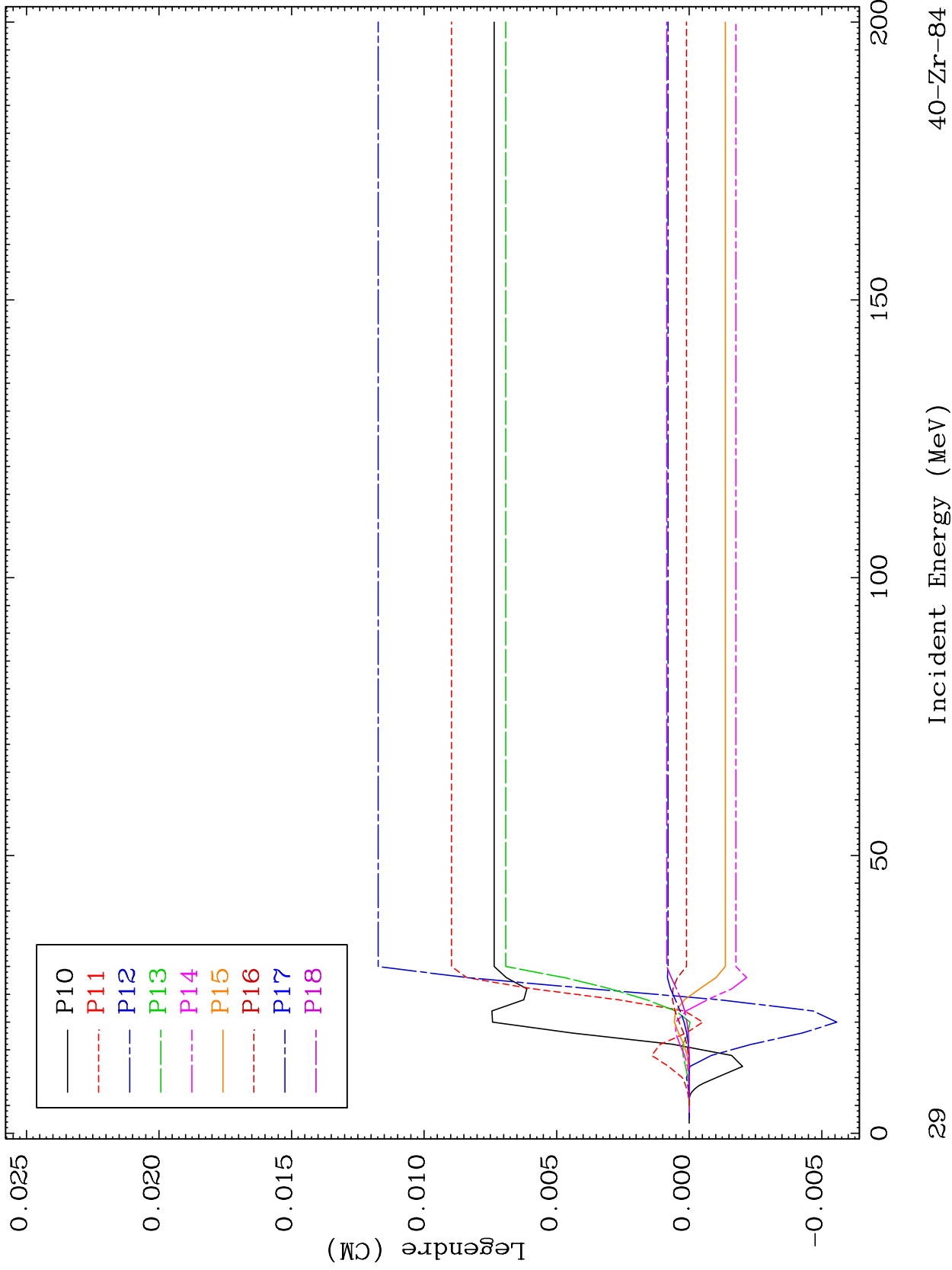




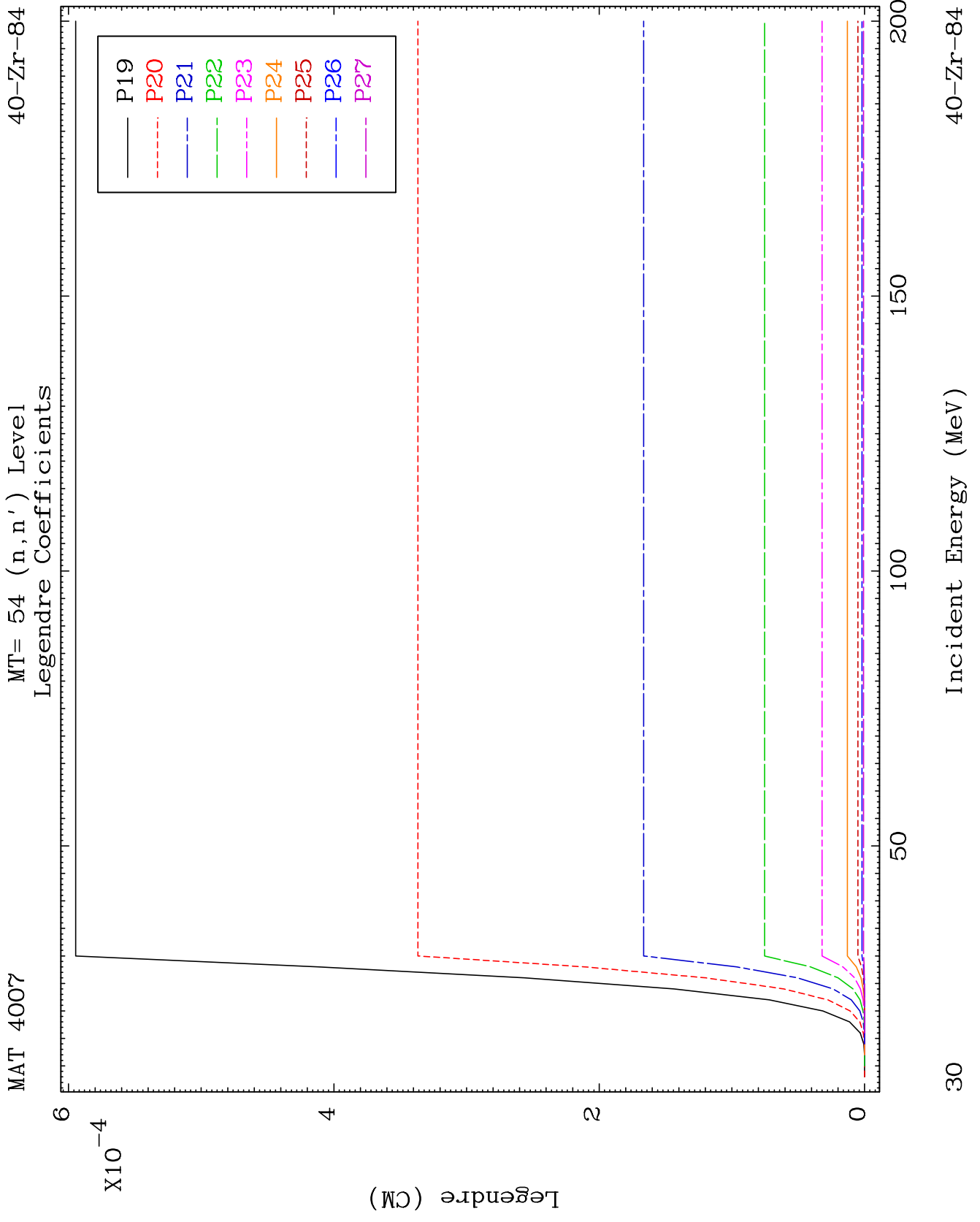
MAT 4007

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

40-Zr-84



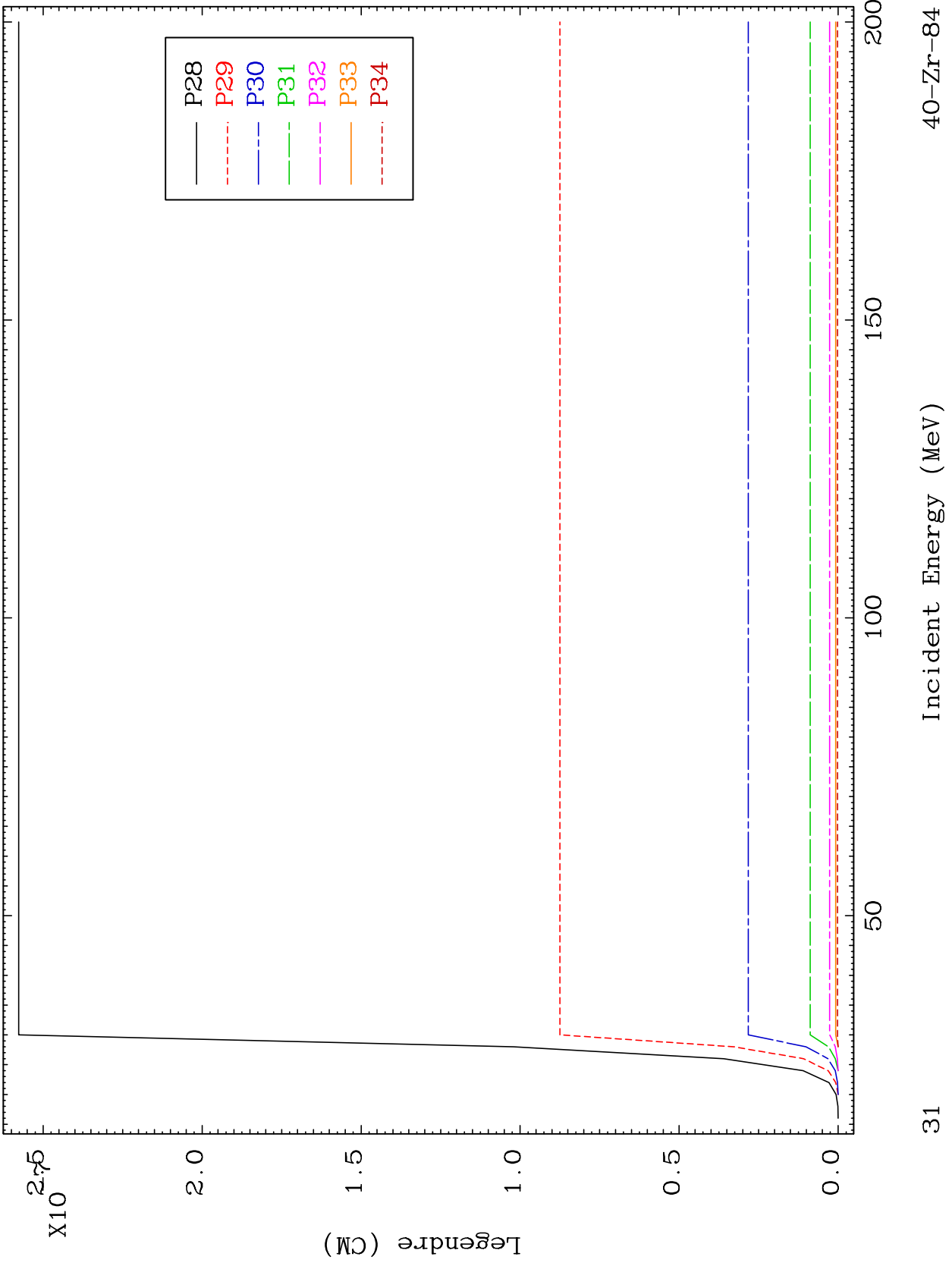
29

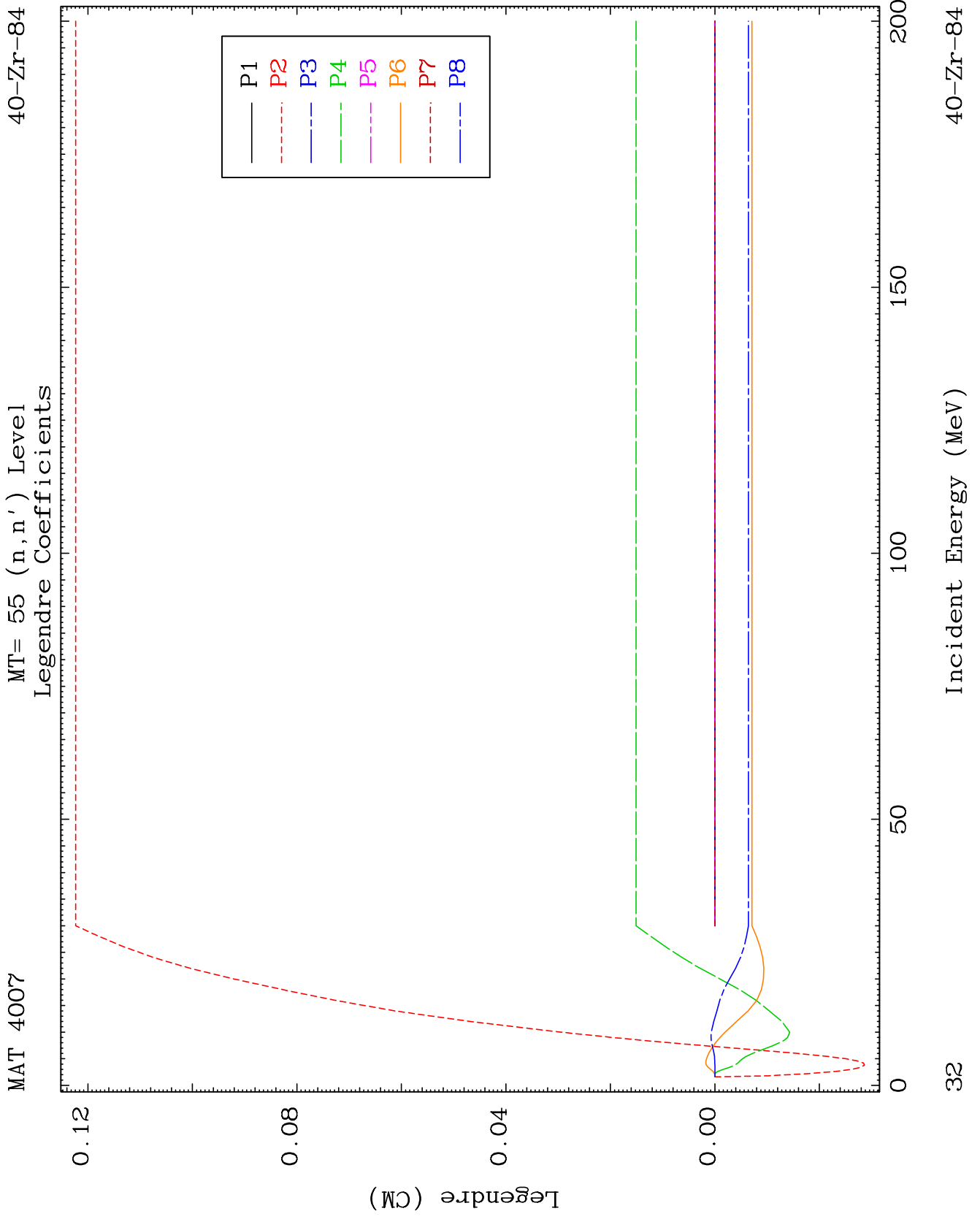


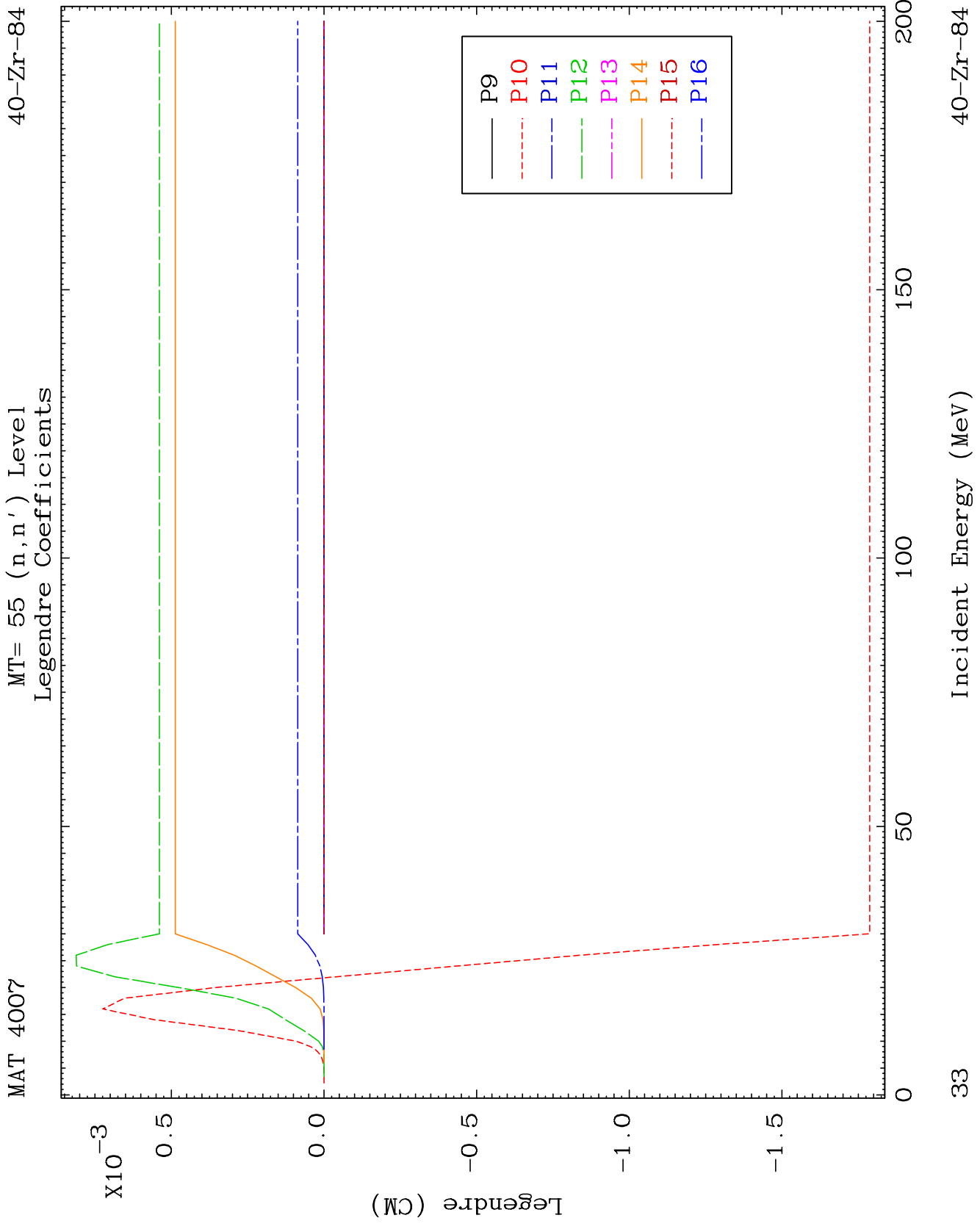
MAT 4007

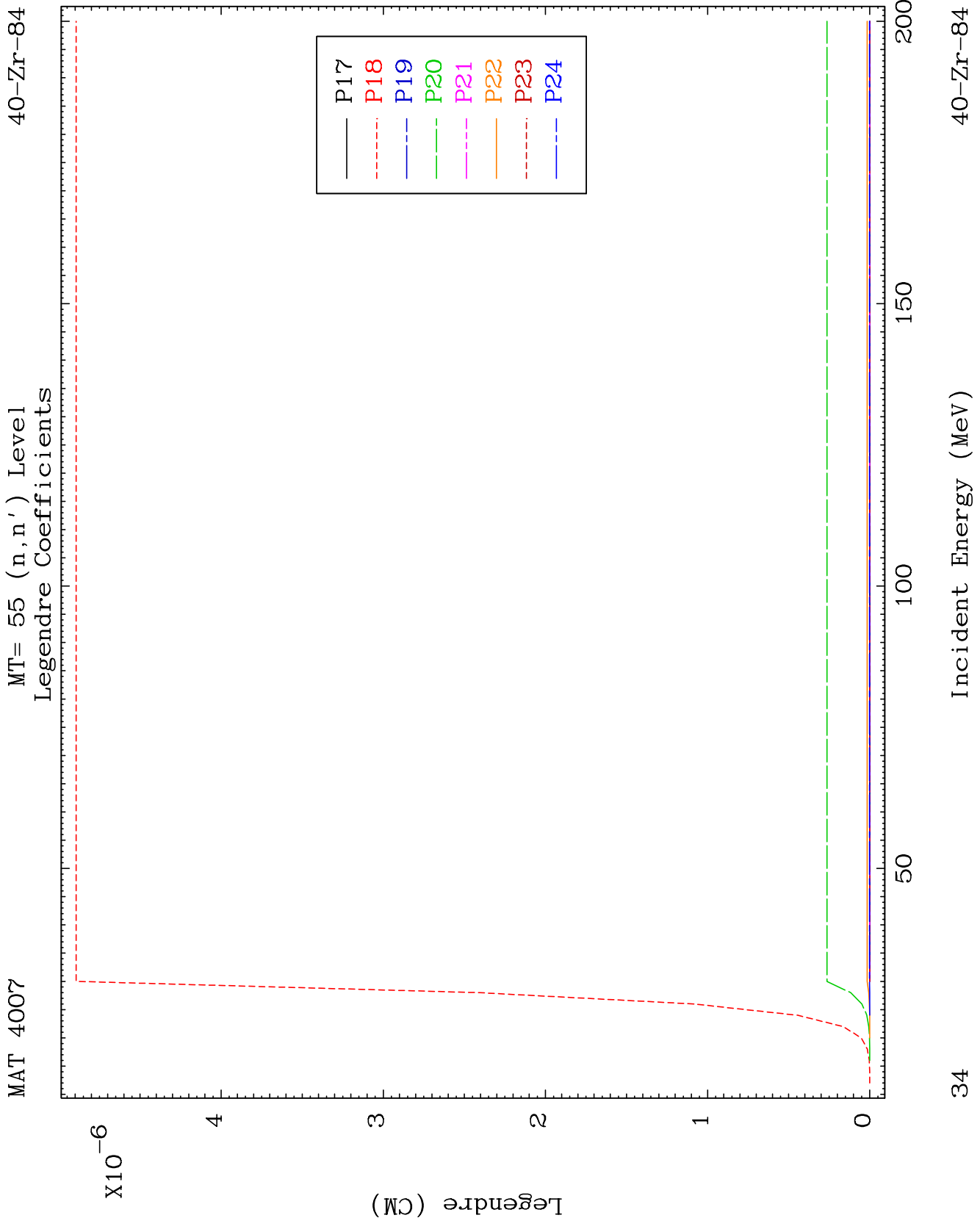
MT= 54 (n,n') Level
Legendre Coefficients

40-Zr-84





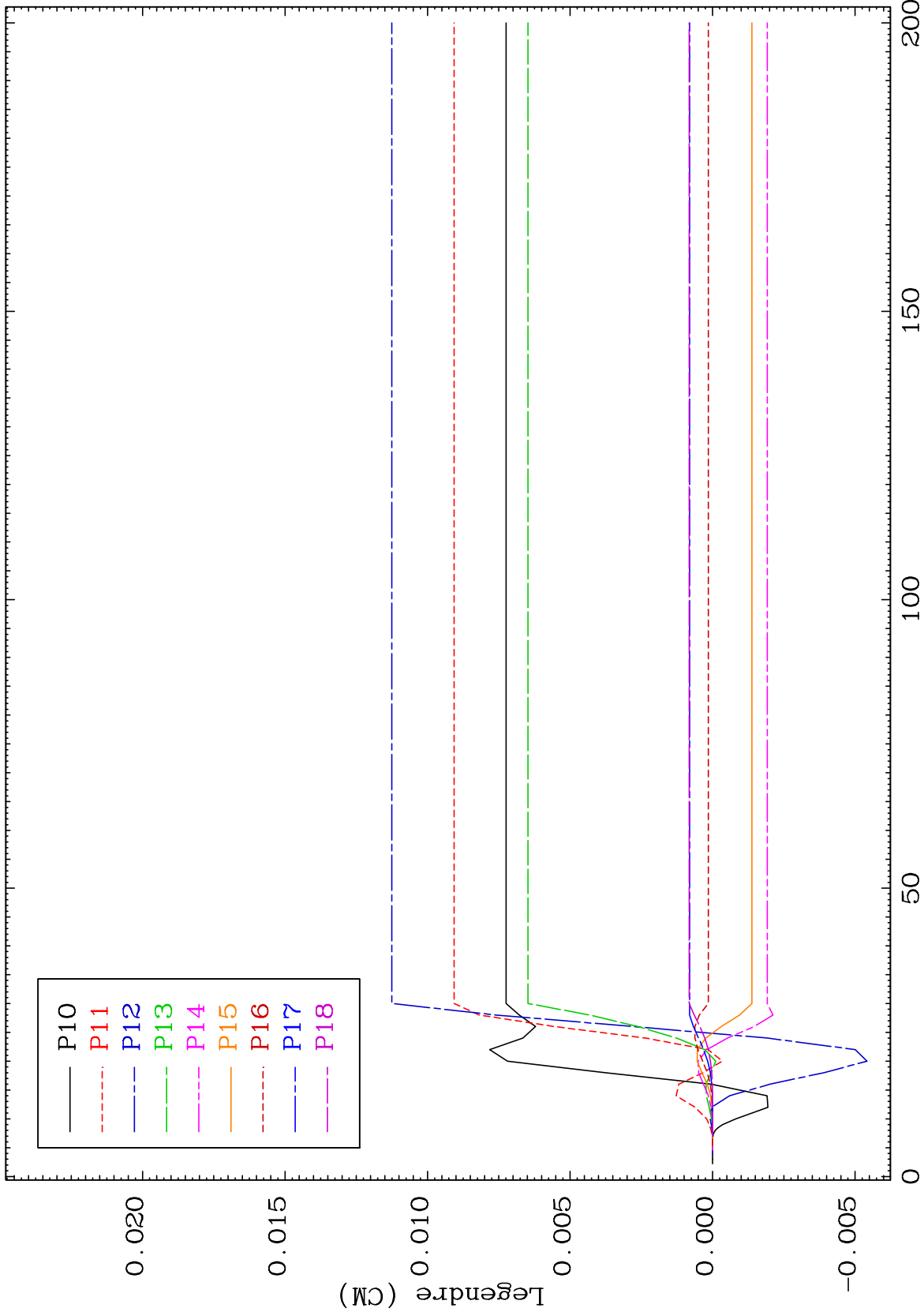




MAT 4007

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

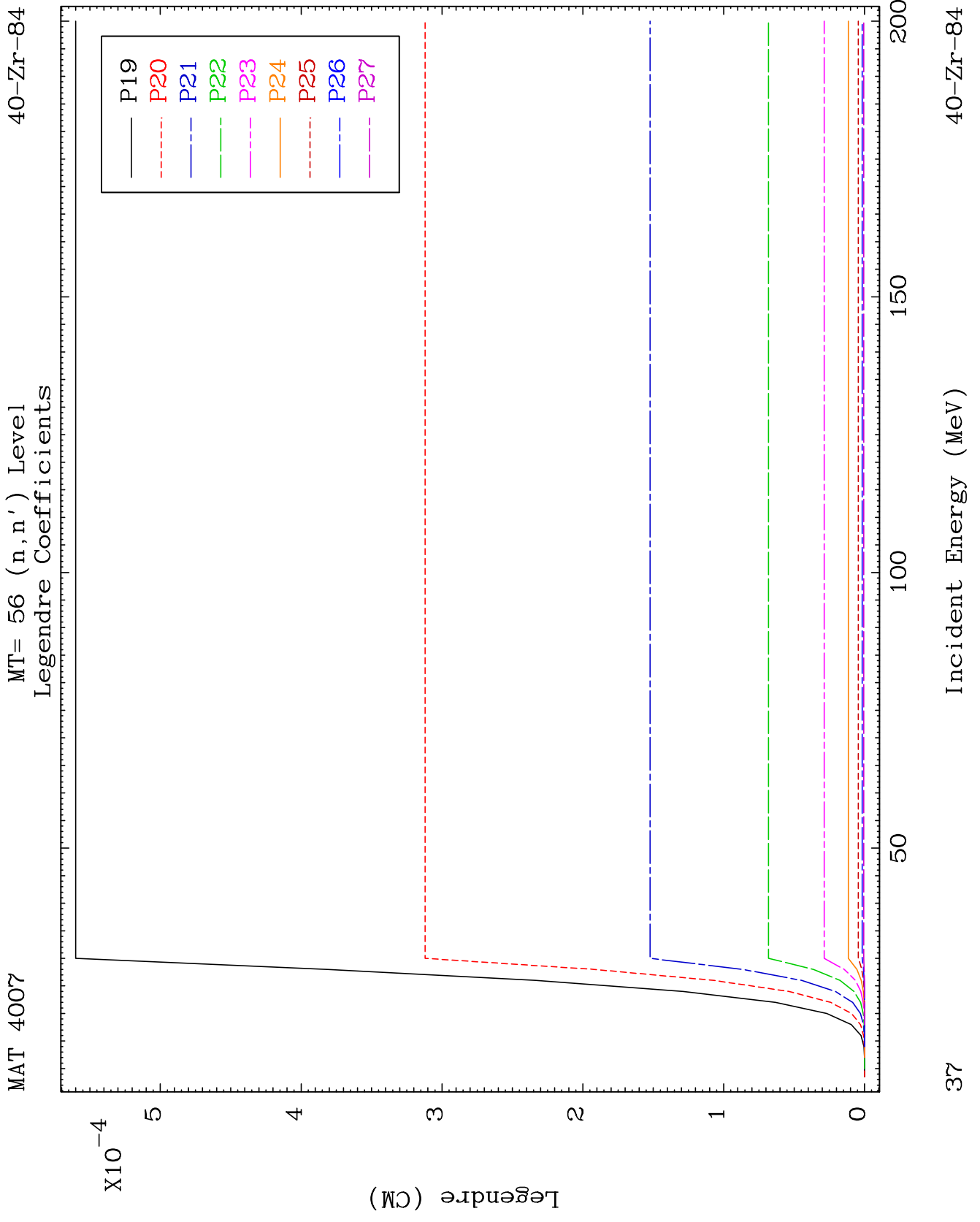
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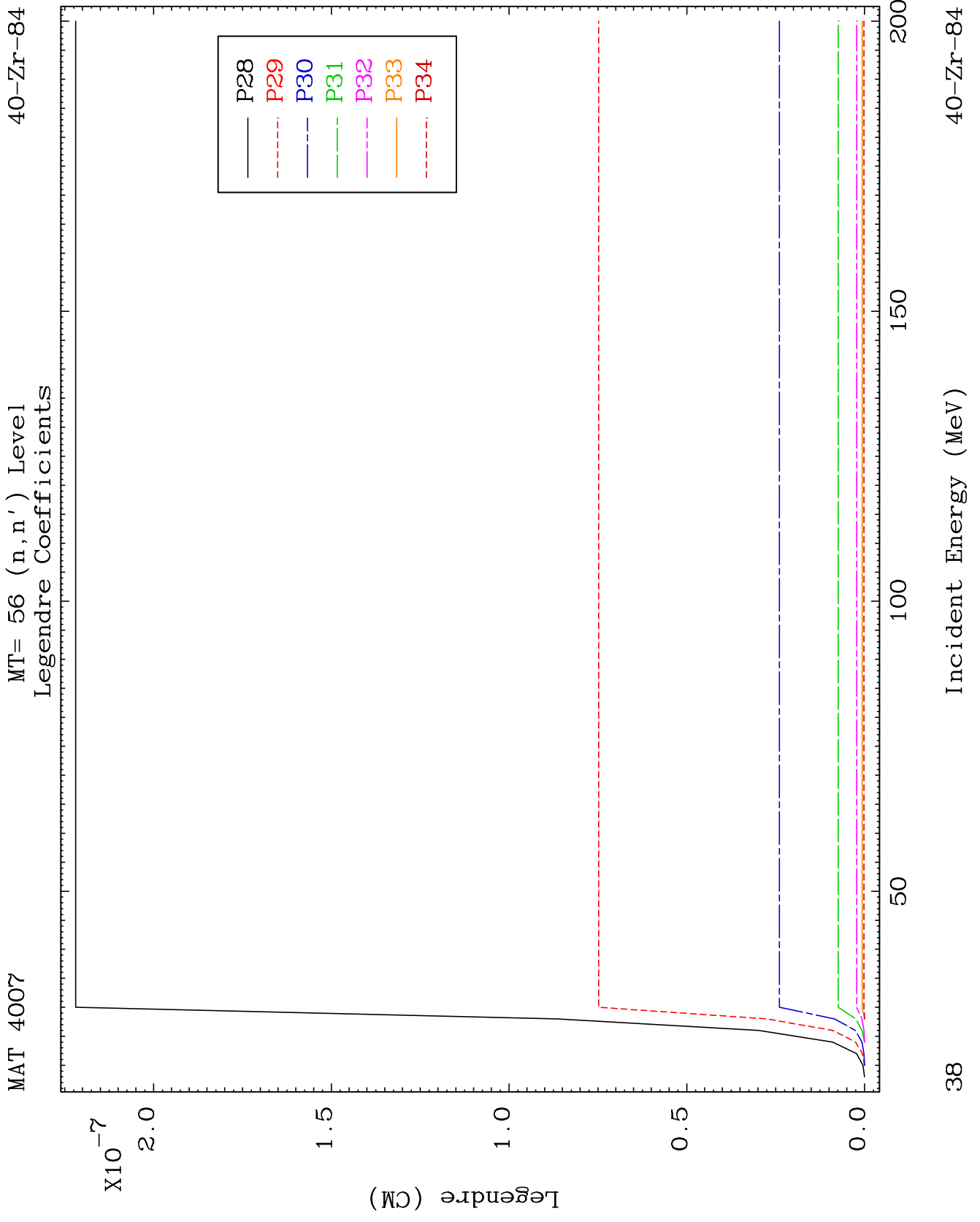


36

Incident Energy (MeV)

40-Zr-84

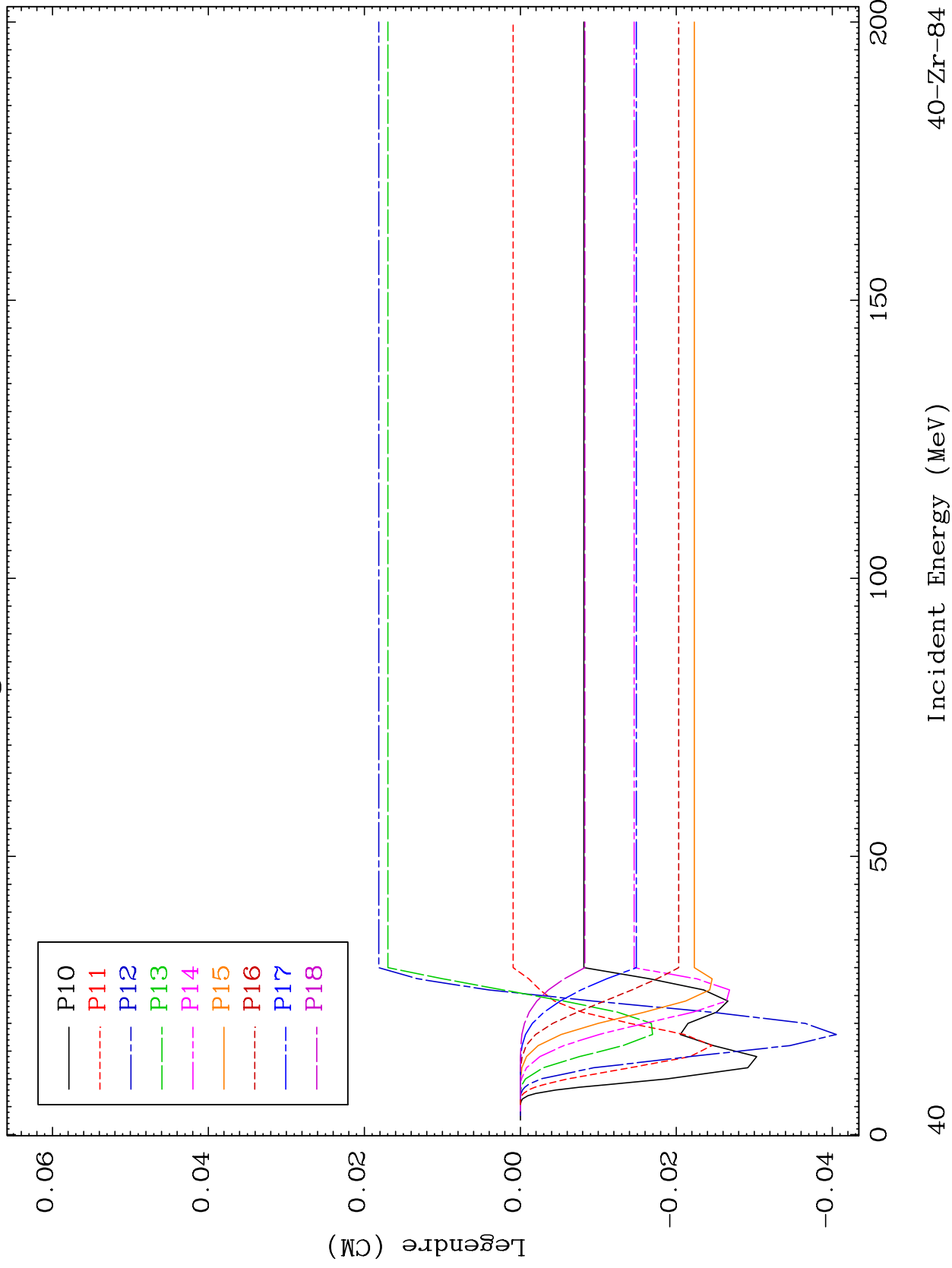


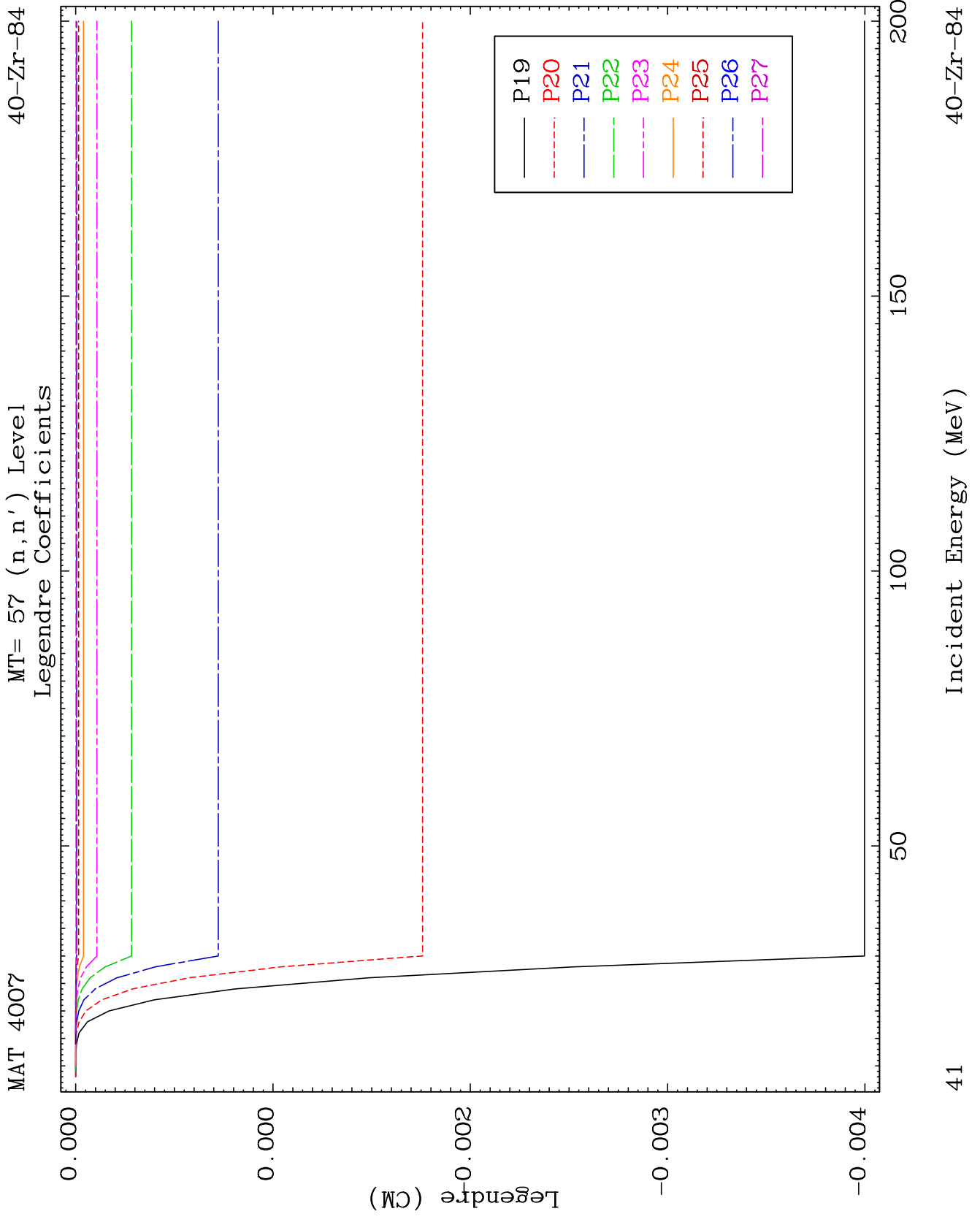


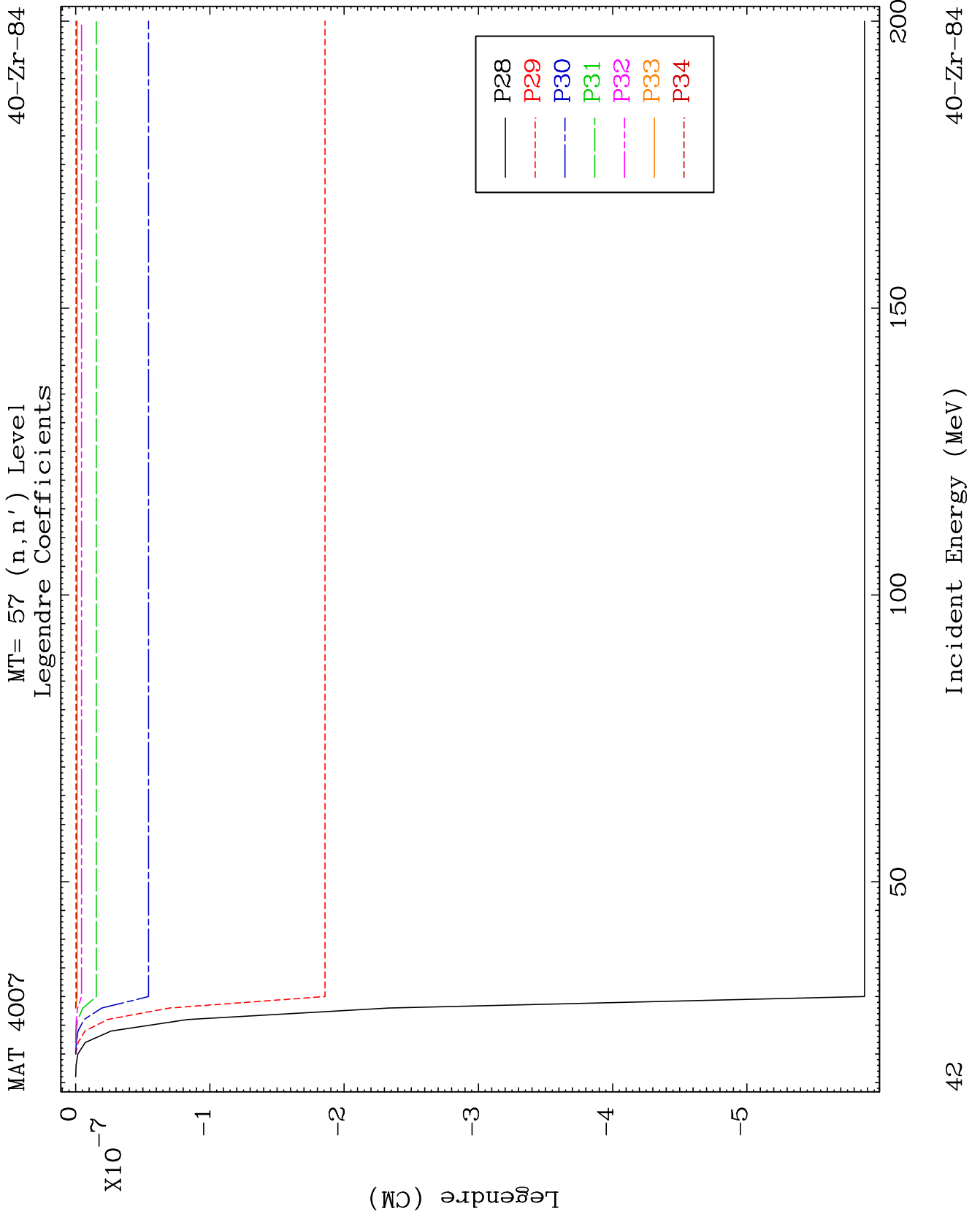
MAT 4007

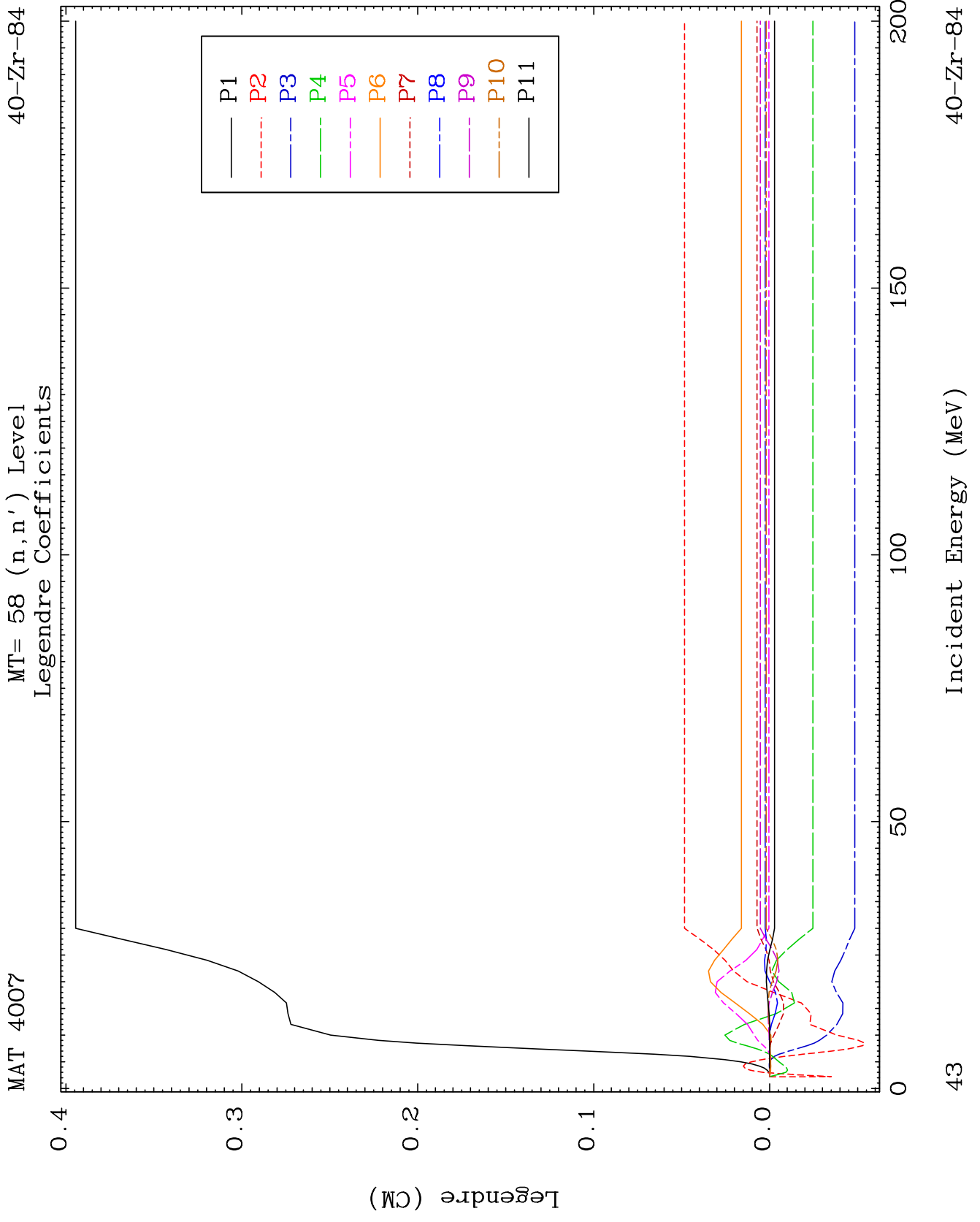
MT= 57 (n,n') Level
Legendre Coefficients

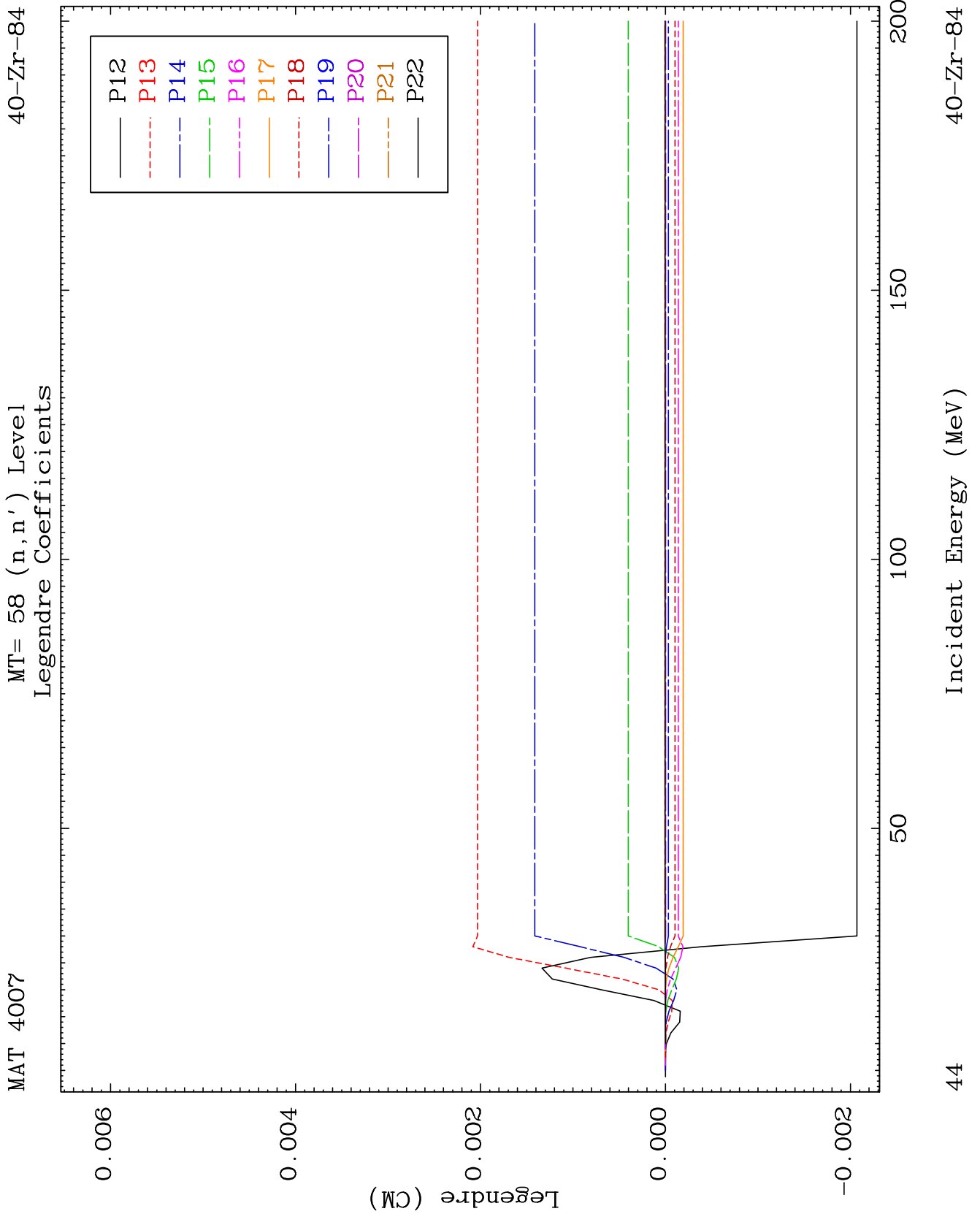
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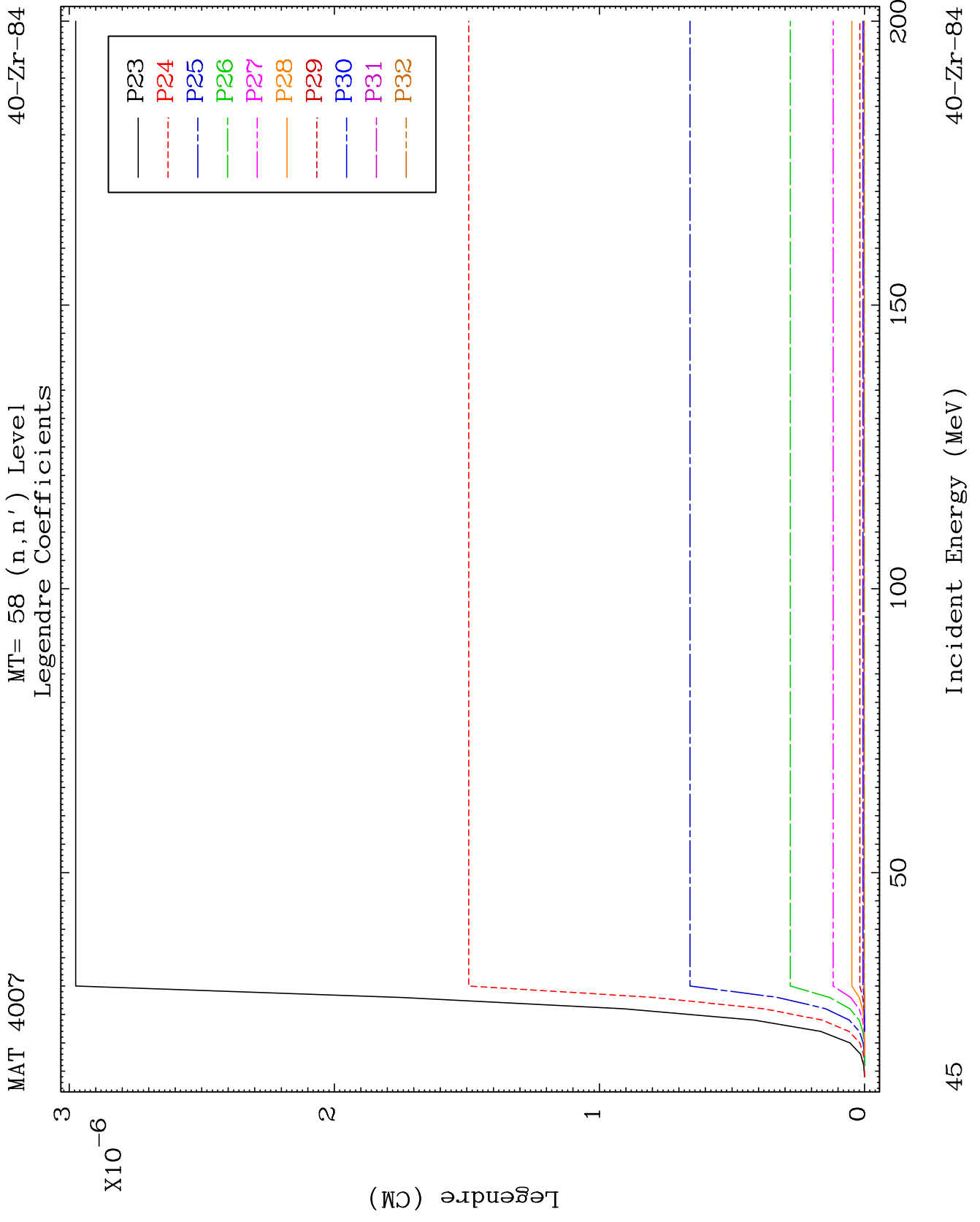


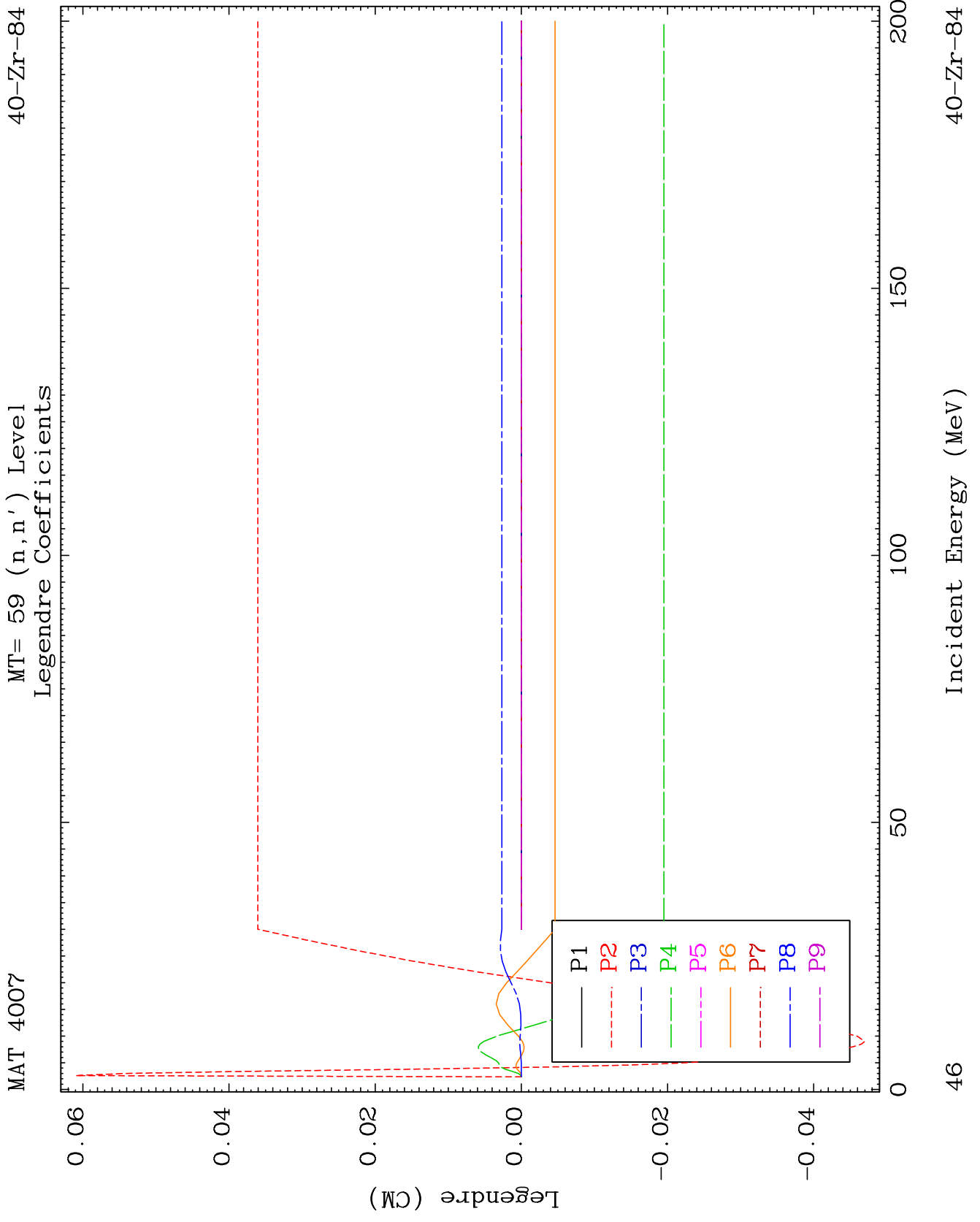








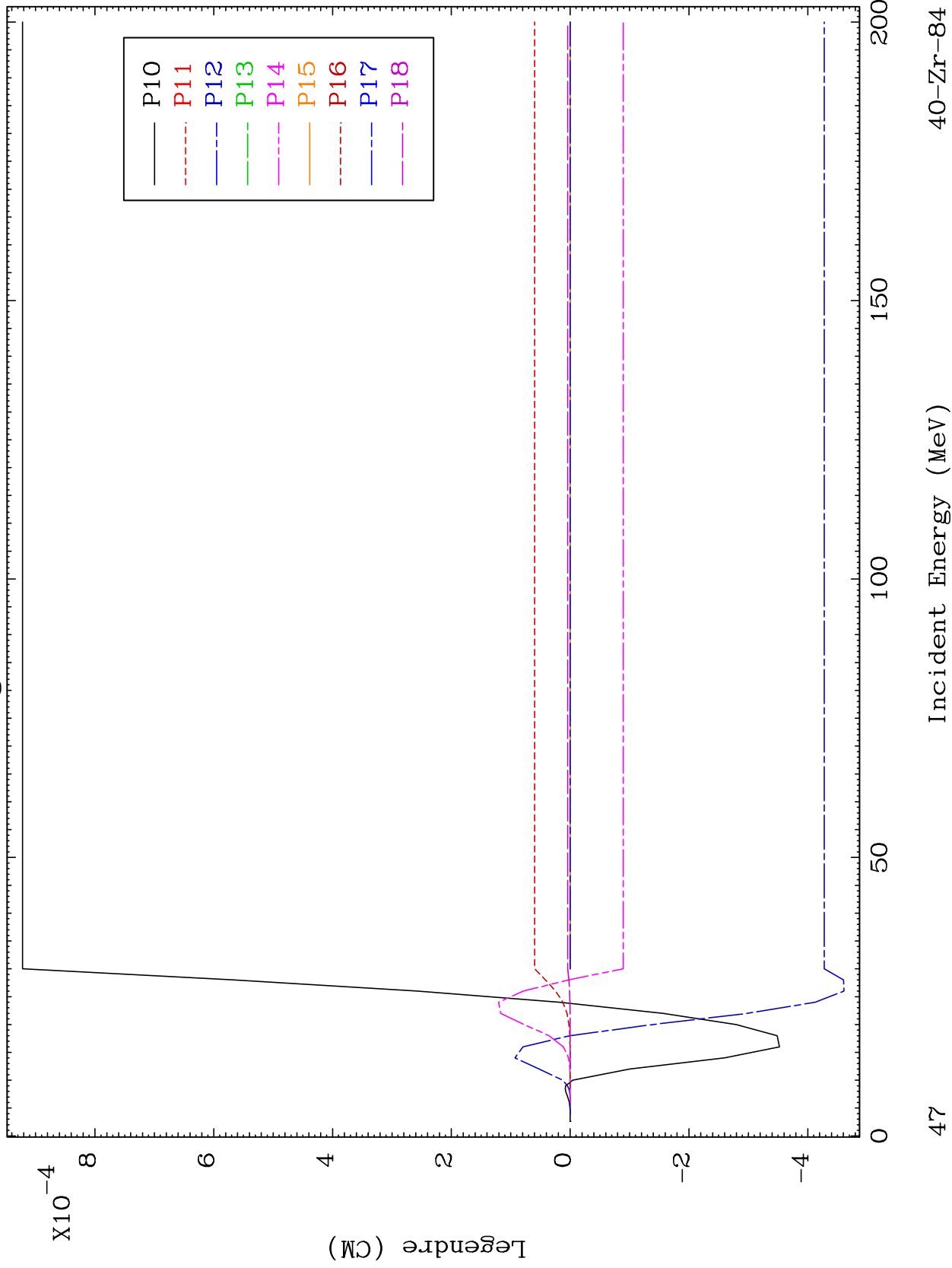




MAT 4007

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

40-Zr-84



47

Incident Energy (MeV)

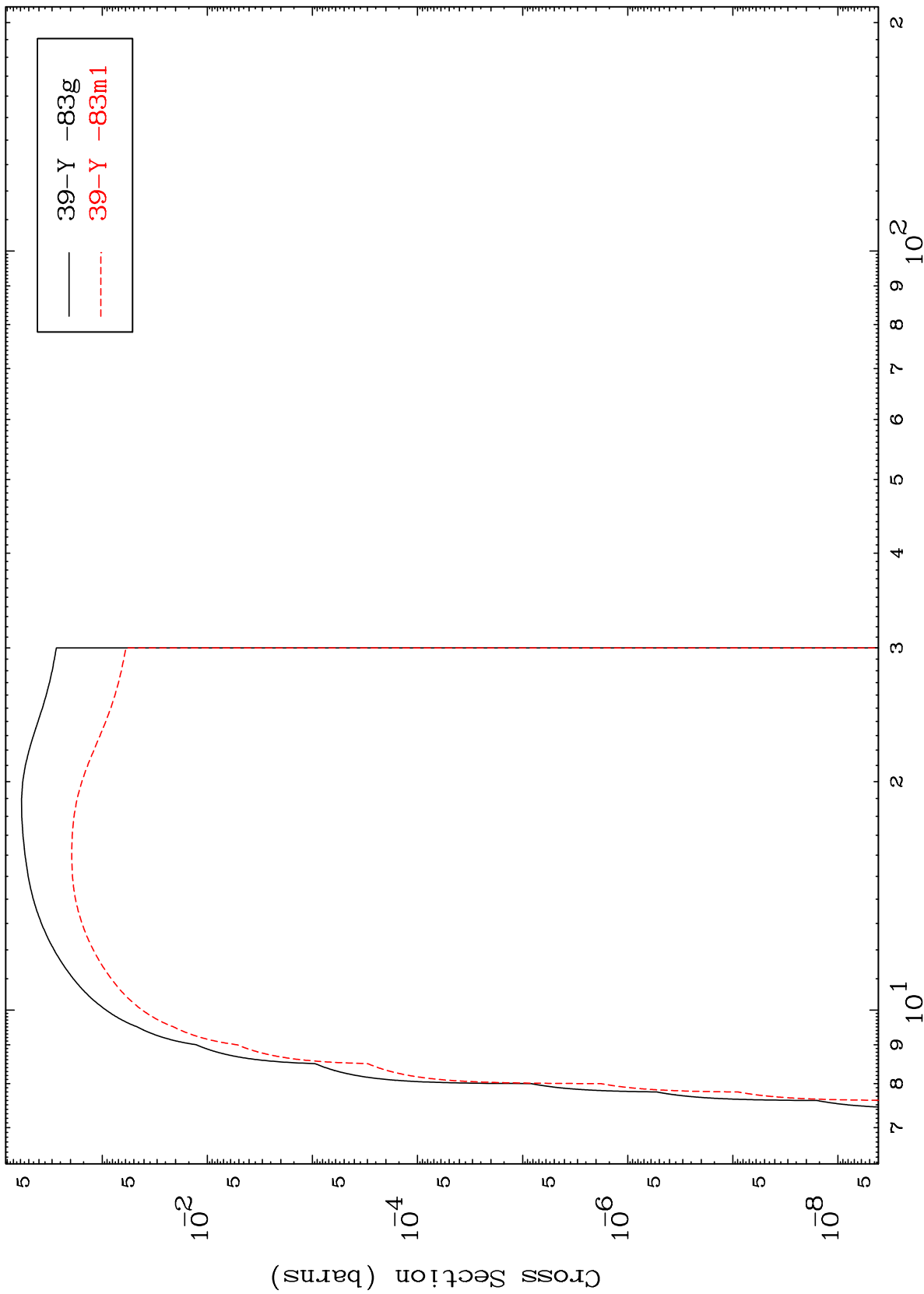
40-Zr-84

MAT 4007

(n,n') p

40-Zr-84

Radionuclide Production Cross Section



49

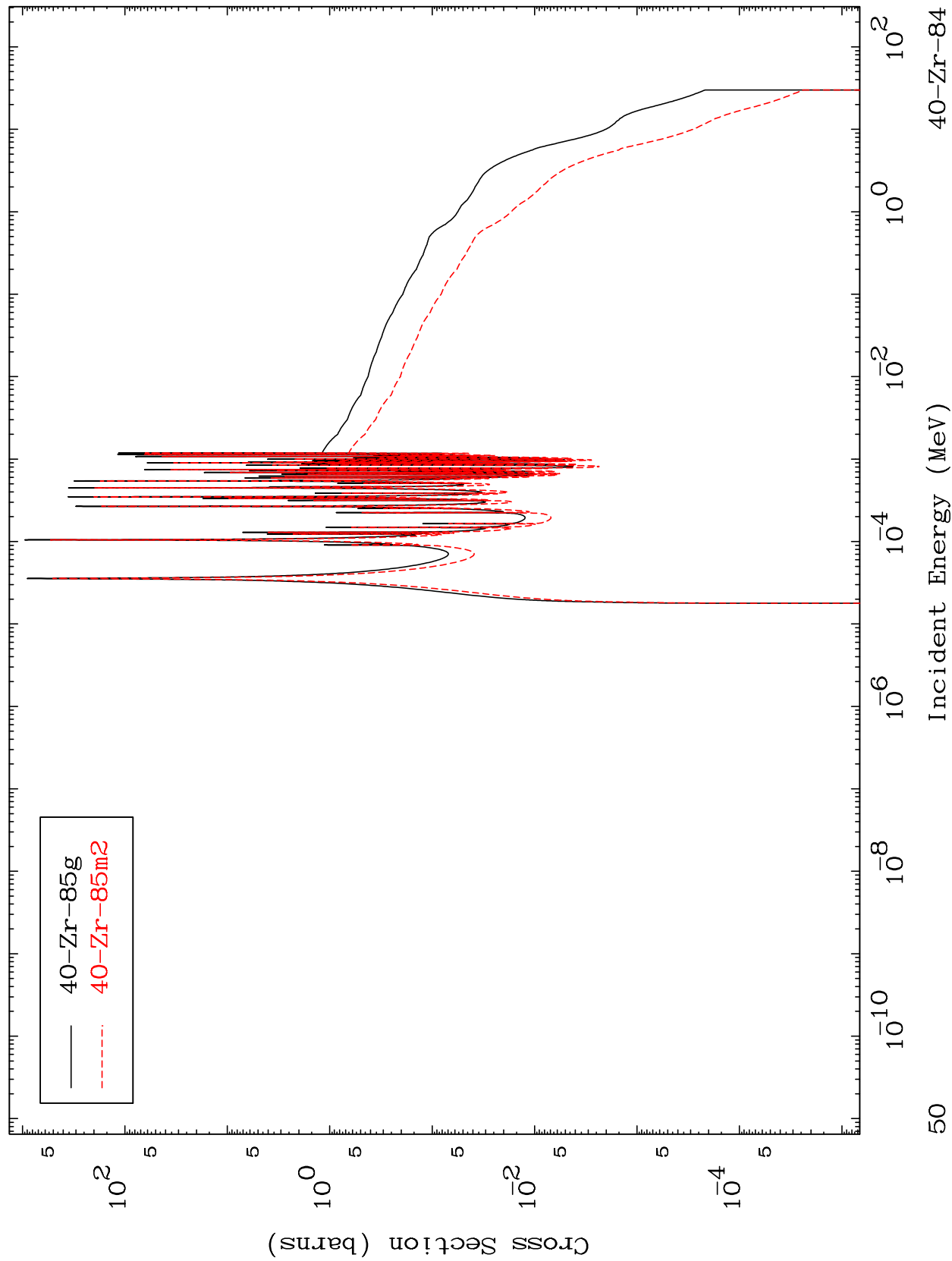
Incident Energy (MeV)

40-Zr-84

MAT 4007

40-Zr-84

Radionuclide Production Cross Section
(n, γ)

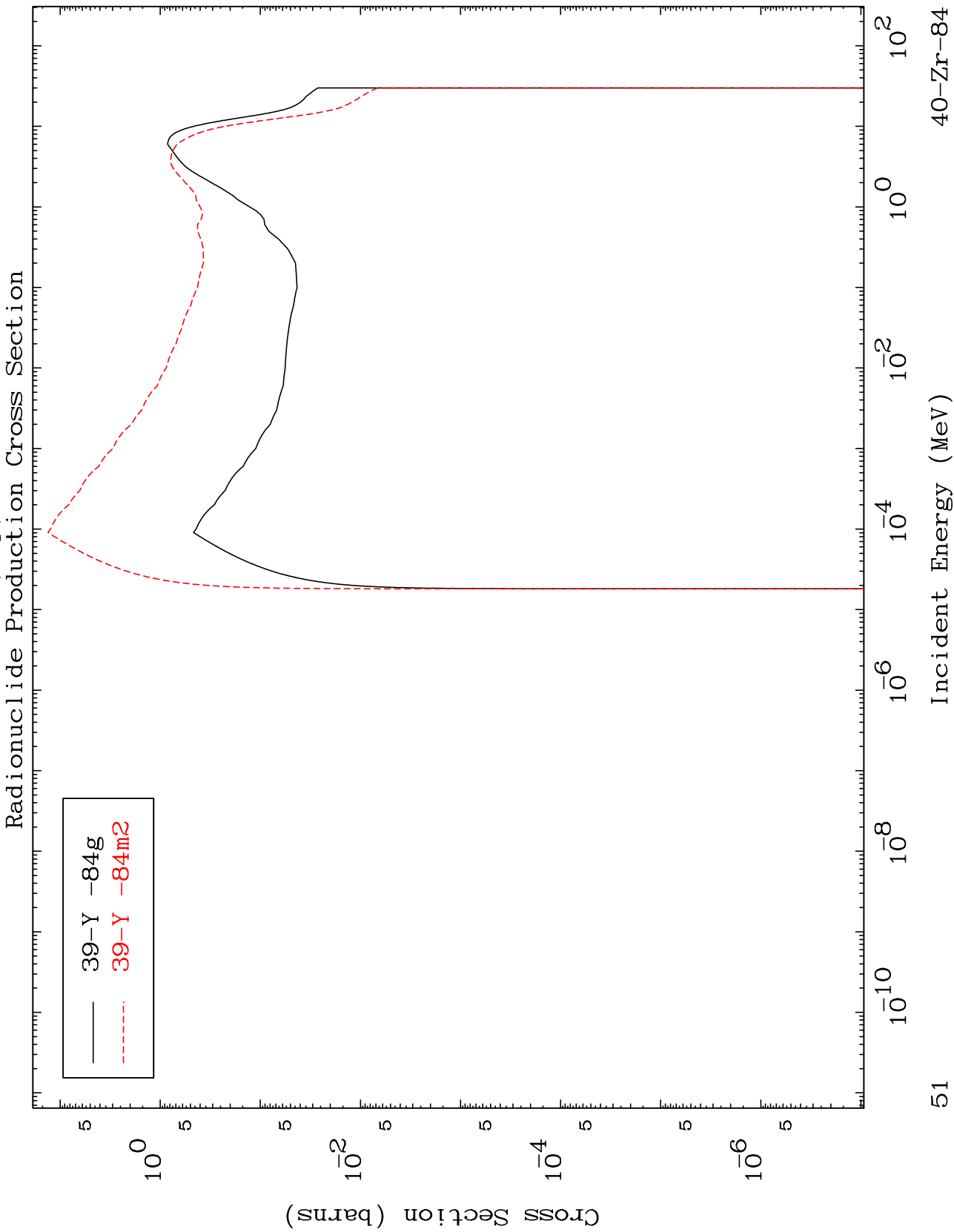


50

40-Zr-84

MAT 4007

40-Zr-84

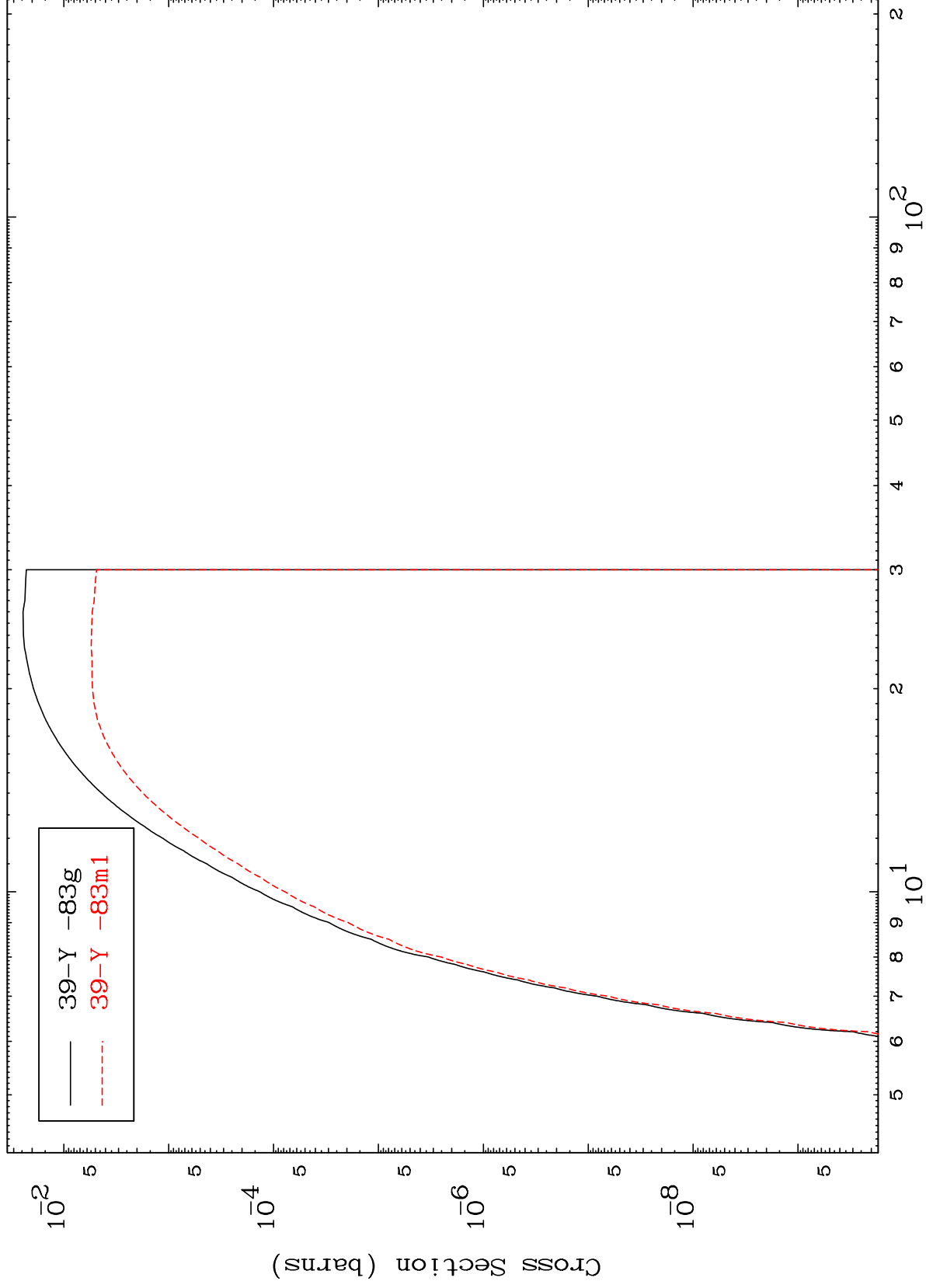


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(n,d)

40-Zr-84

Radionuclide Production Cross Section



39-Y-83g
39-Y-83m1

52

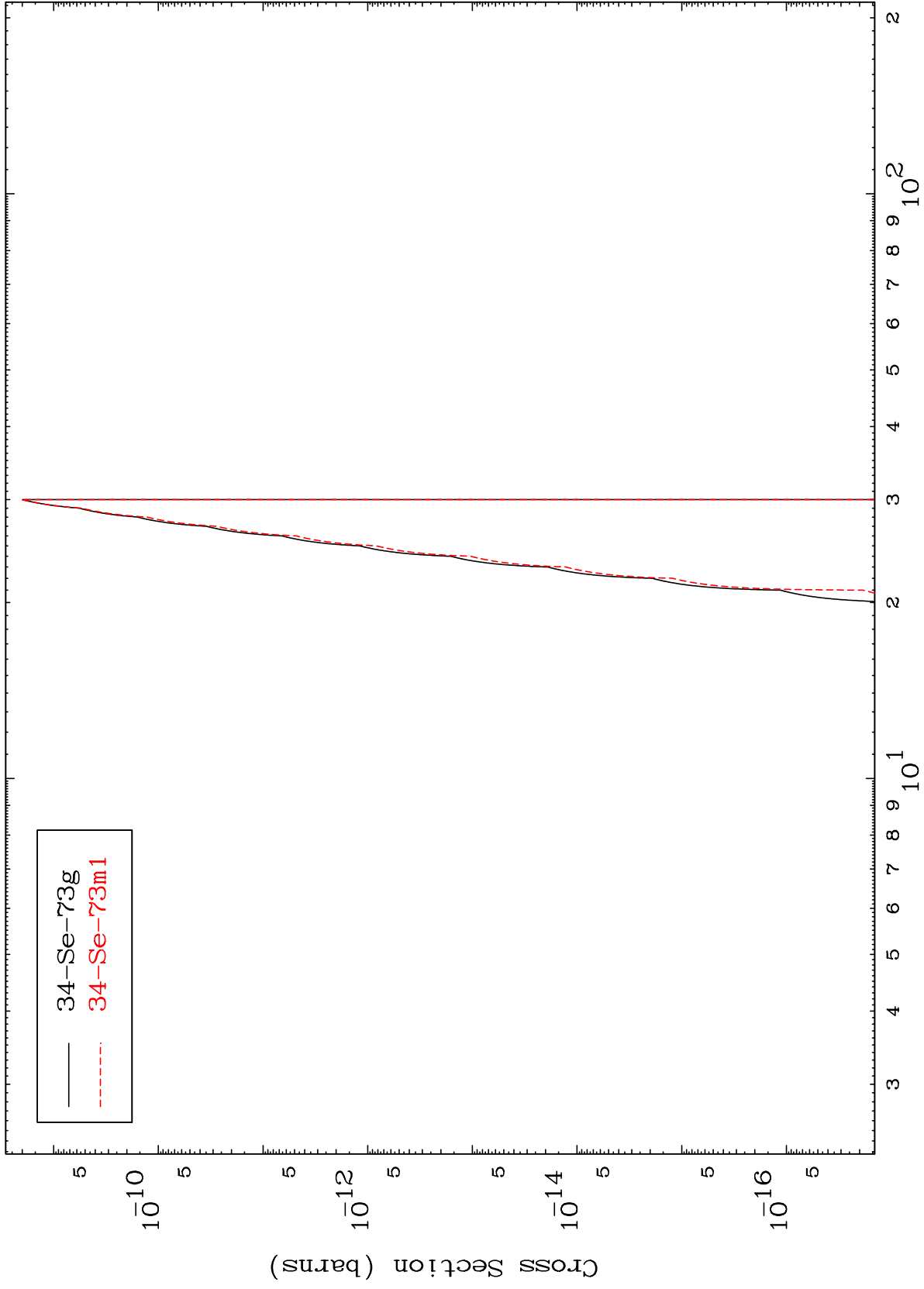
Incident Energy (MeV)

40-Zr-84

MAT 4007

40-Zr-84

(n, 3α)
Radionuclide Production Cross Section



53

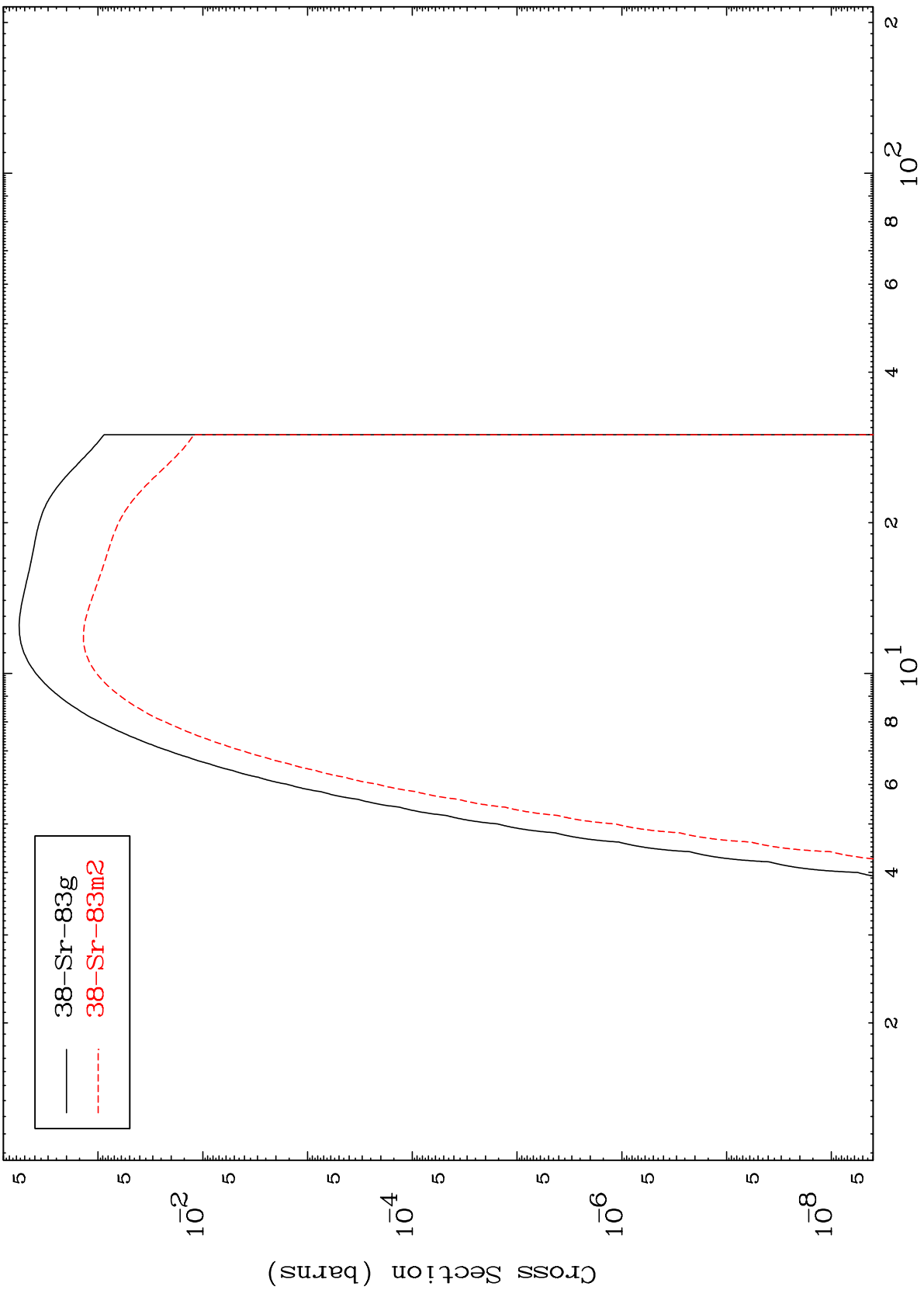
Incident Energy (MeV)

40-Zr-84

MAT 4007

40-Zr-84

(n,2p)
Radionuclide Production Cross Section



54

Incident Energy (MeV)

40-Zr-84