

Program EVALPLOT  
(Version 2018-1)

by

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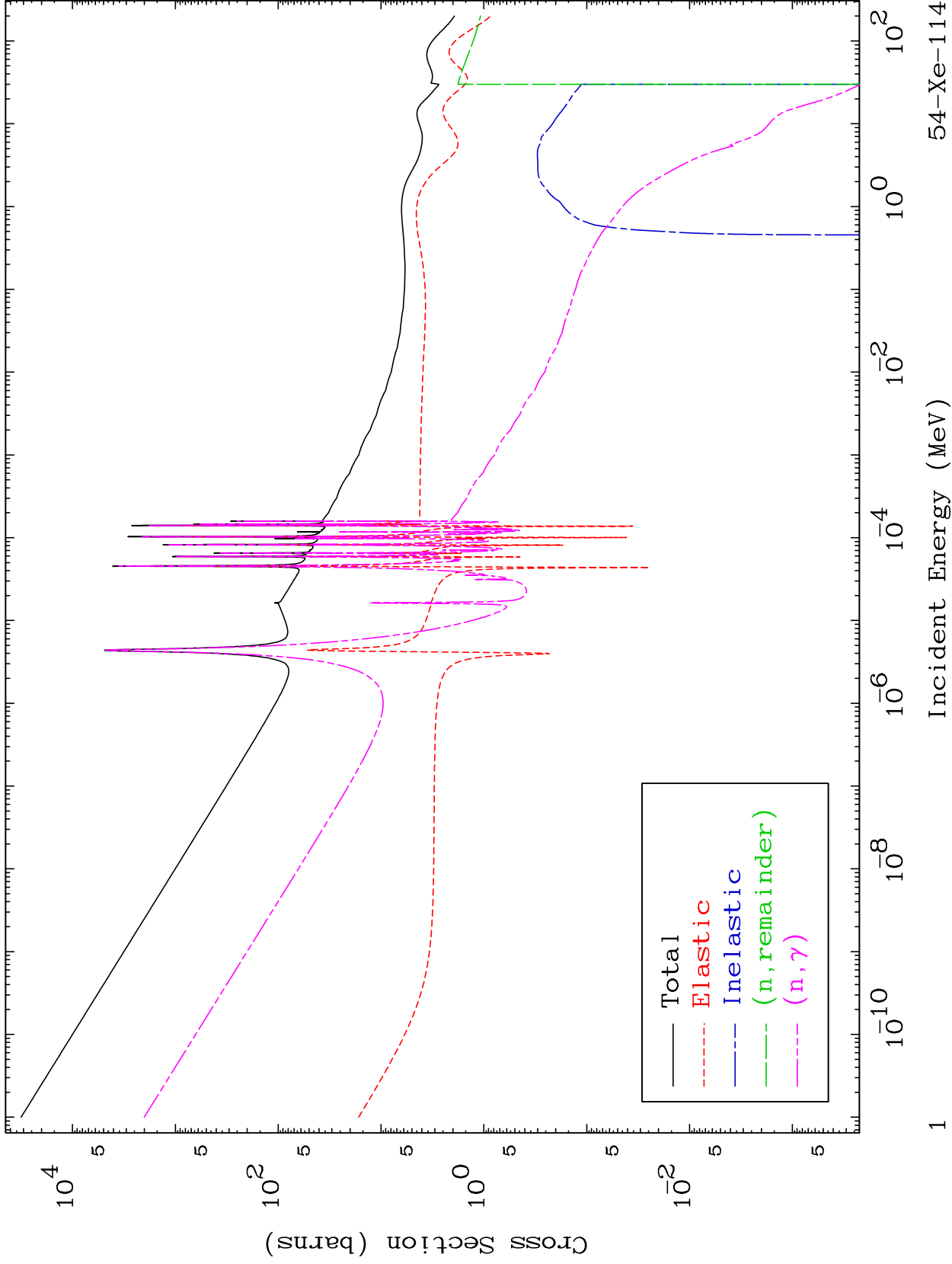
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Press Mouse Button to Start

MAT 5395

Major  
293 Kelvin Cross Sections

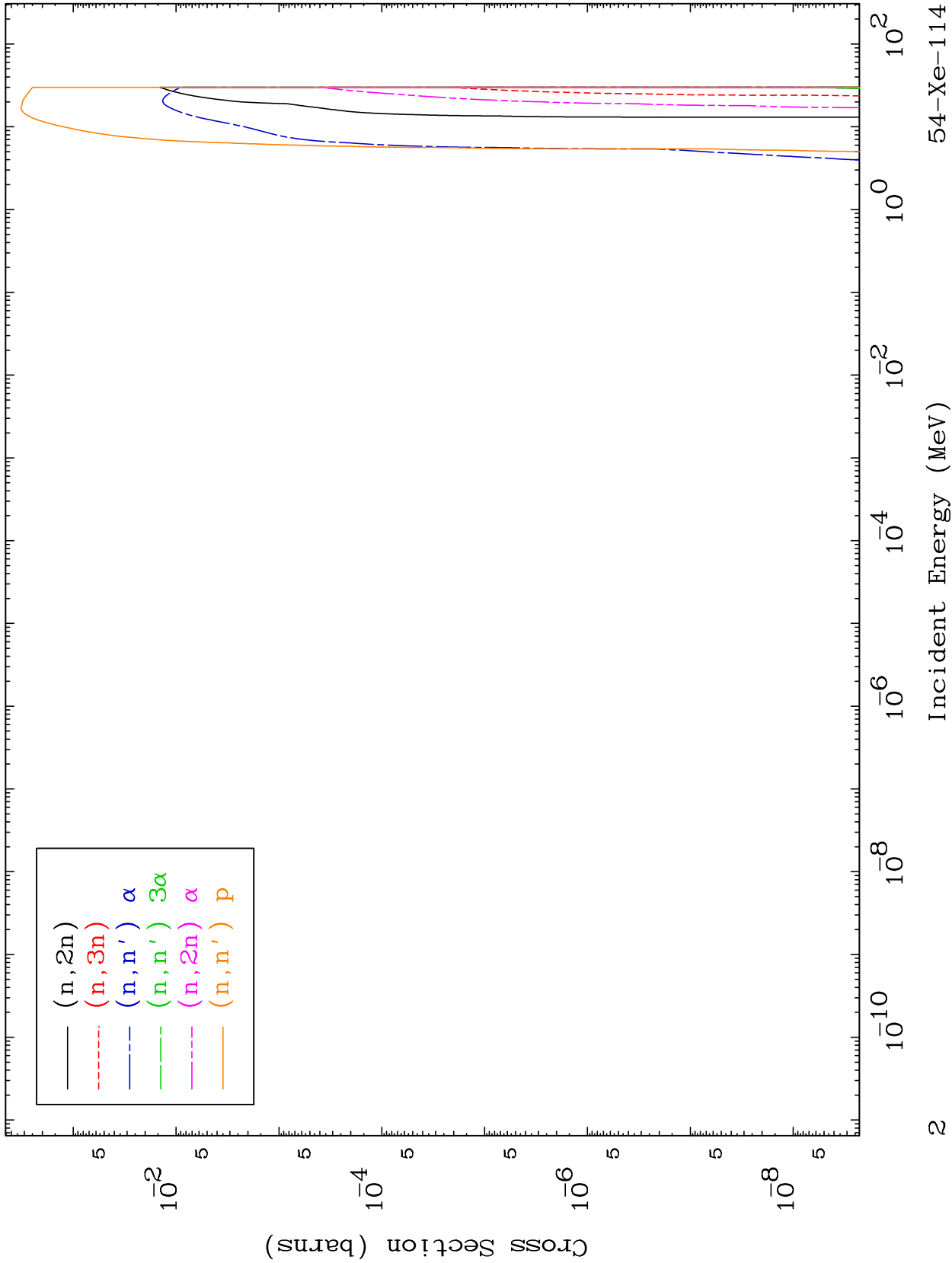
54-Xe-114



MAT 5395

Neutron Production  
293 Kelvin Cross Sections

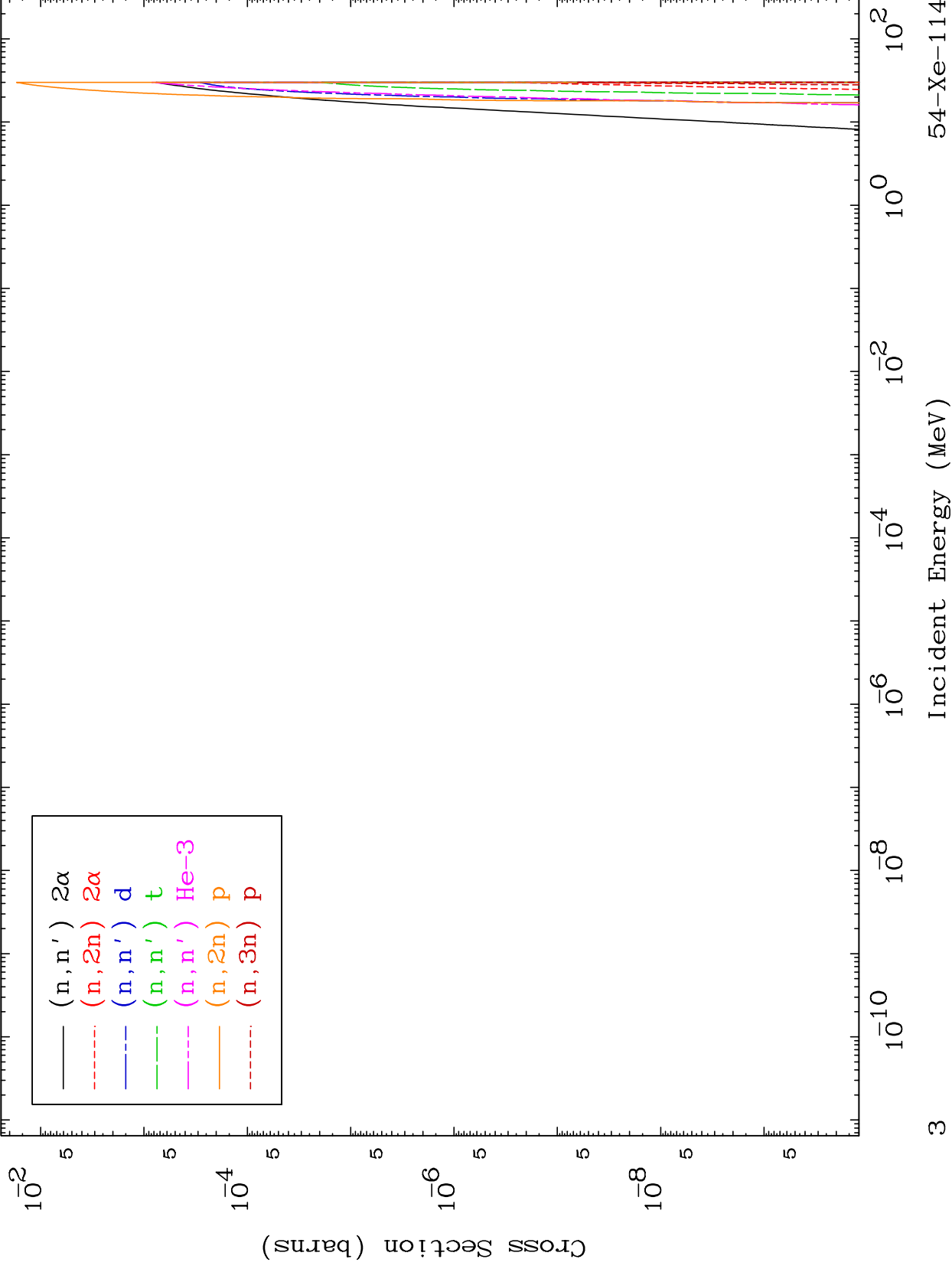
54-Xe-114



MAT 5395

Neutron Production  
293 Kelvin Cross Sections

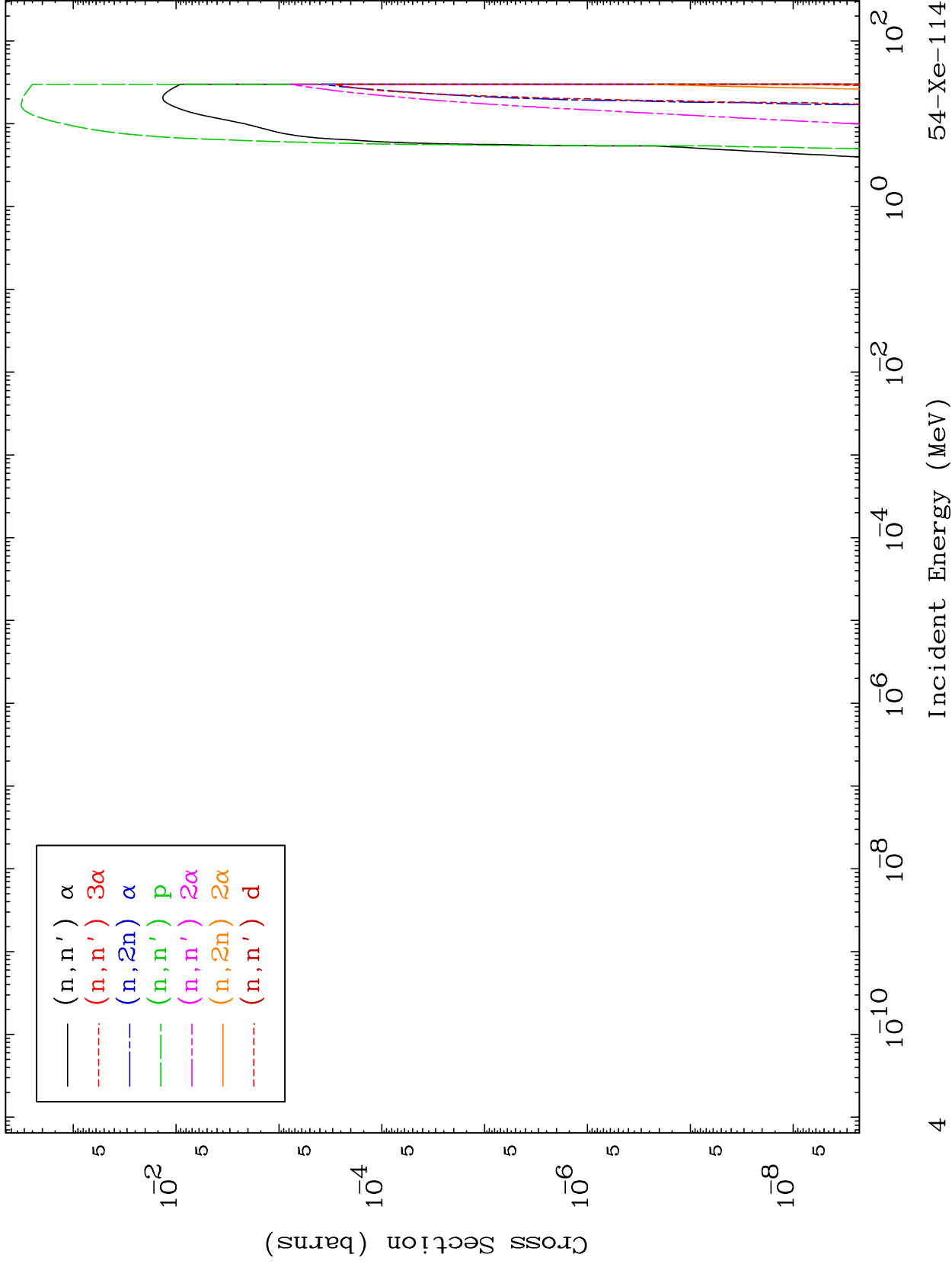
54-Xe-114



MAT 5395

Charged Particle  
293 Kelvin Cross Sections

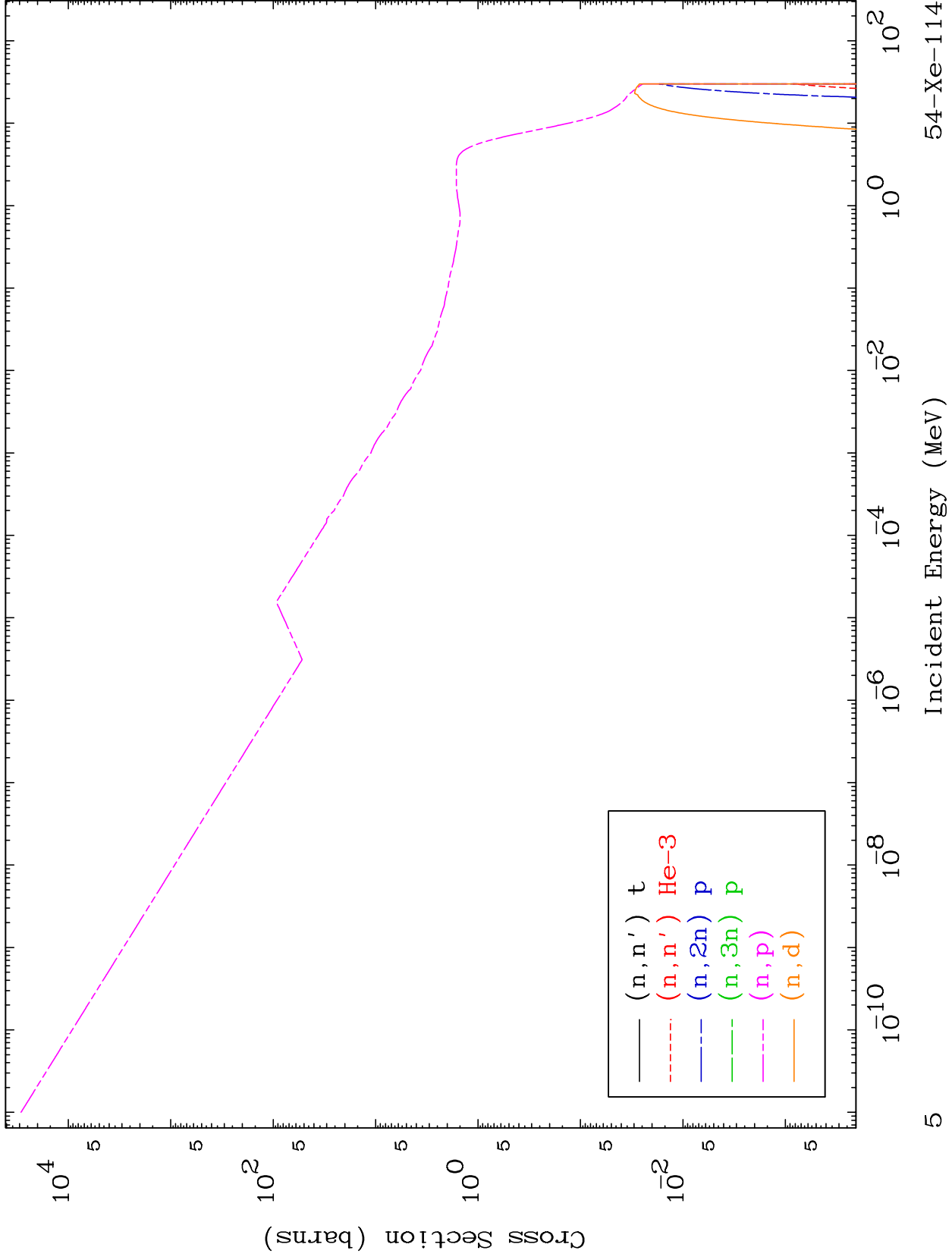
54-Xe-114



MAT 5395

Charged Particle  
293 Kelvin Cross Sections

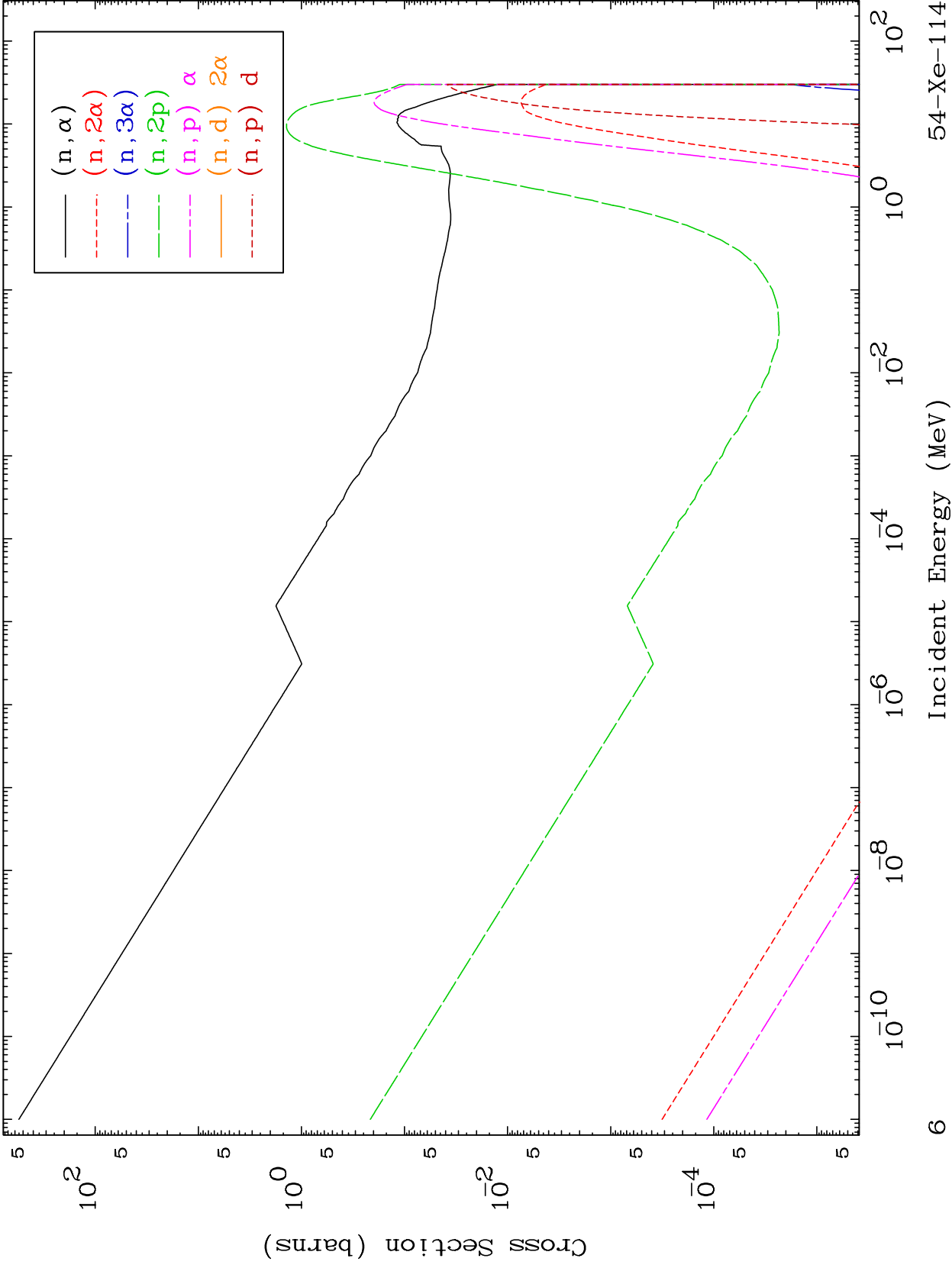
54-Xe-114



MAT 5395

Charged Particle  
293 Kelvin Cross Sections

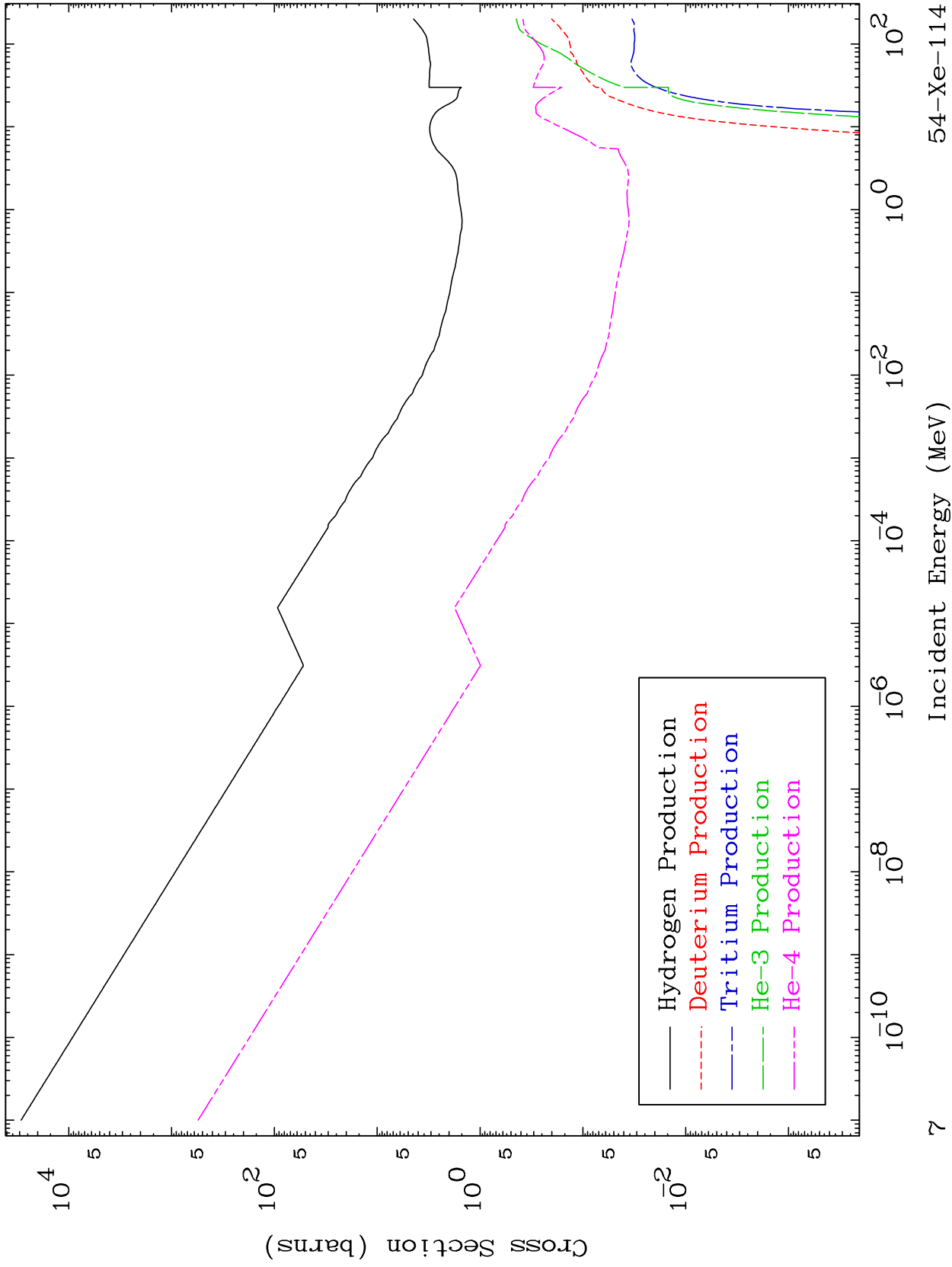
54-Xe-114



MAT 5395

Particle Production  
293 Kelvin Cross Sections

54-Xe-114



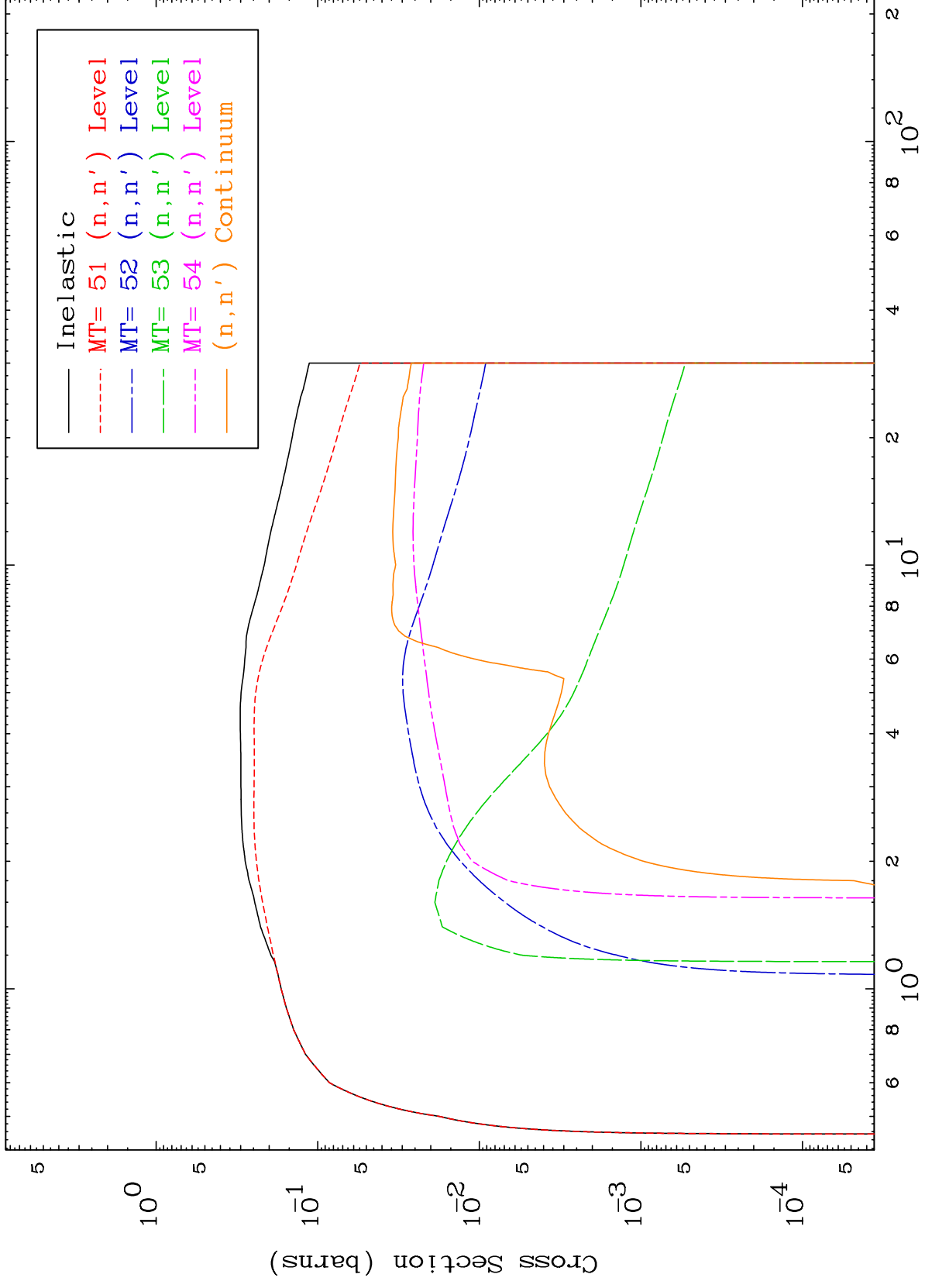


MAT 5395

(n,n') Level

54-Xe-114

293 Kelvin Cross Sections



8

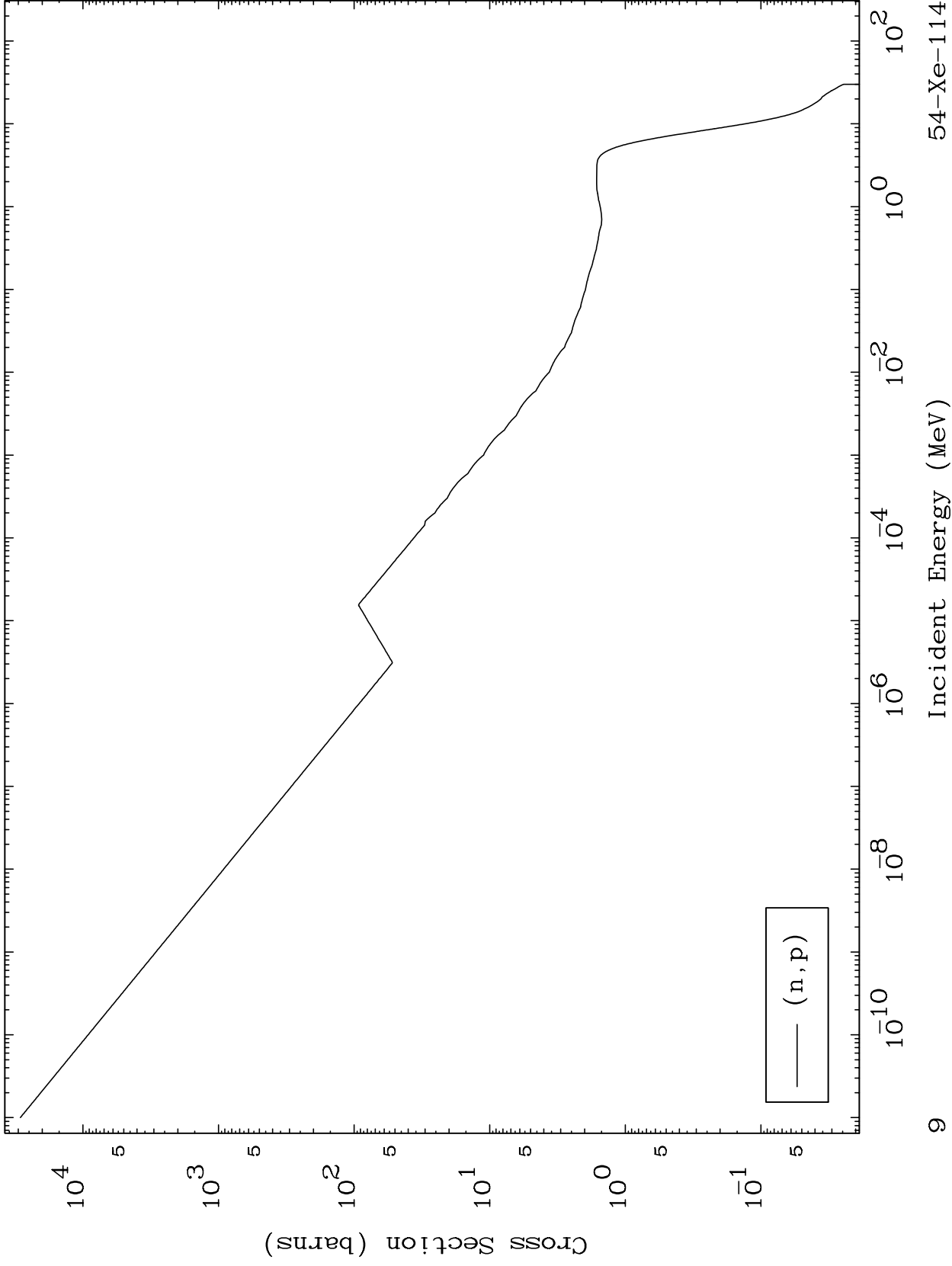
Incident Energy (MeV)

54-Xe-114

MAT 5395

(n,p) Levels  
293 Kelvin Cross Sections

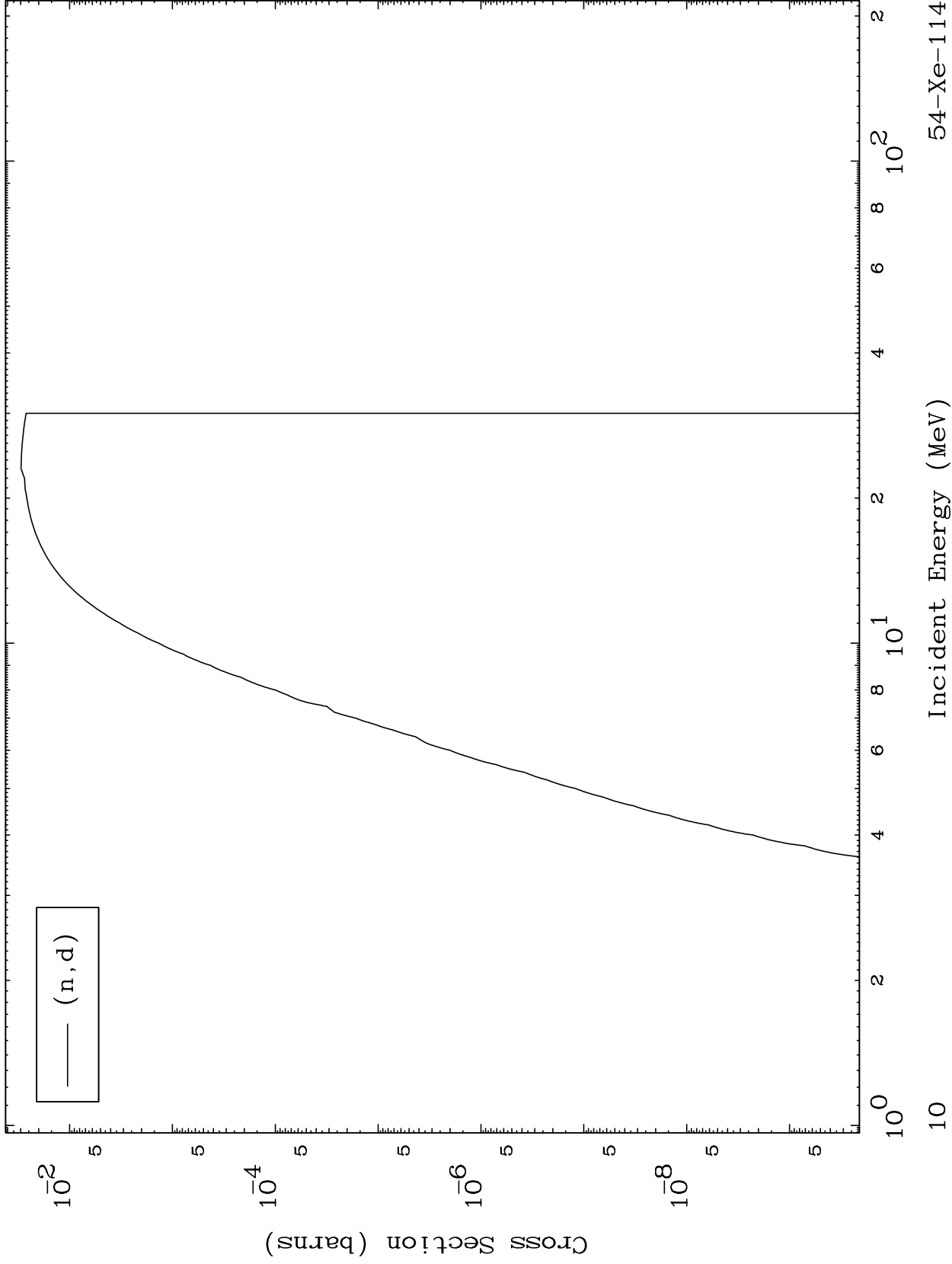
54-Xe-114



MAT 5395

(n,d) Levels  
293 Kelvin Cross Sections

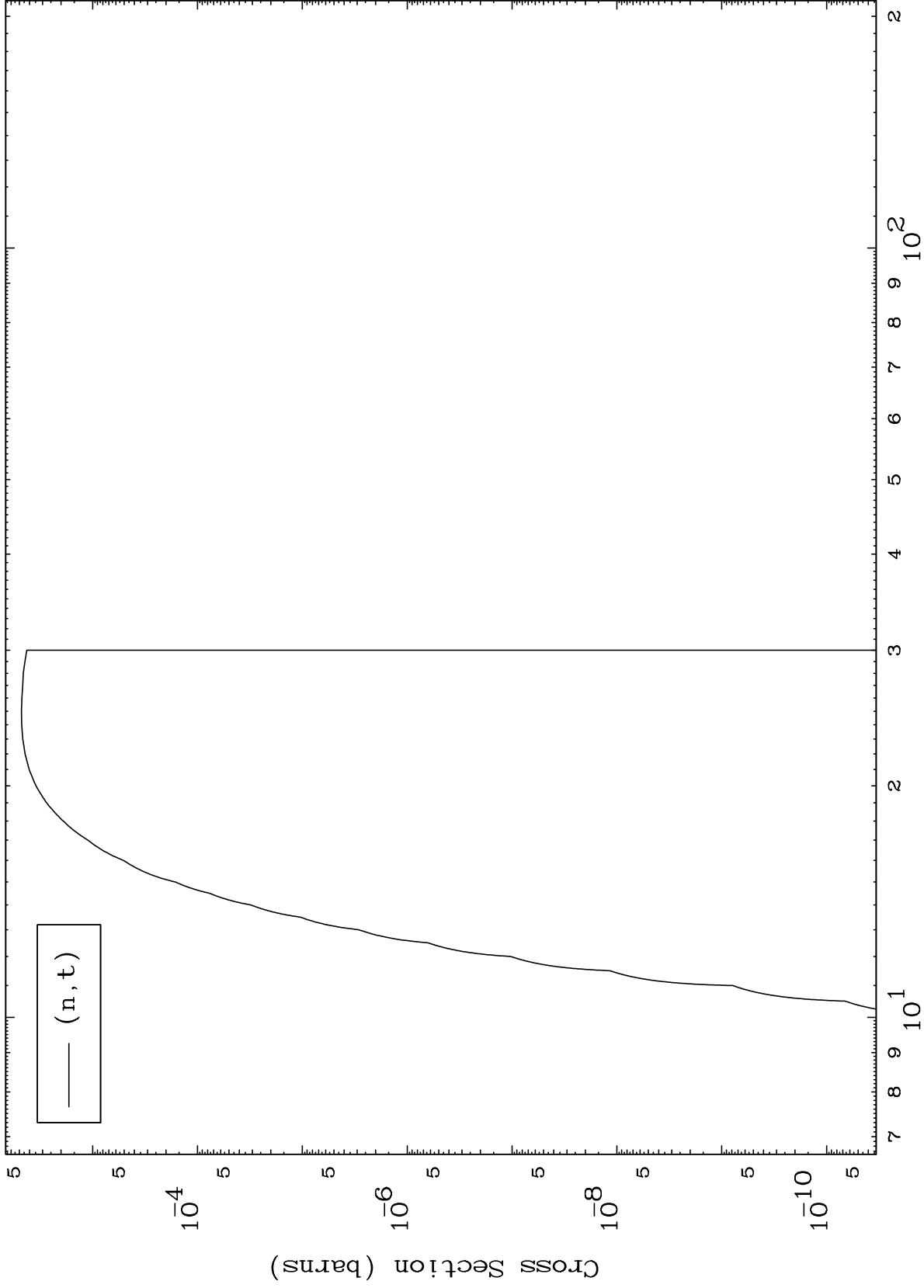
54-Xe-114



MAT 5395

(n,t) Levels  
293 Kelvin Cross Sections

54-Xe-114



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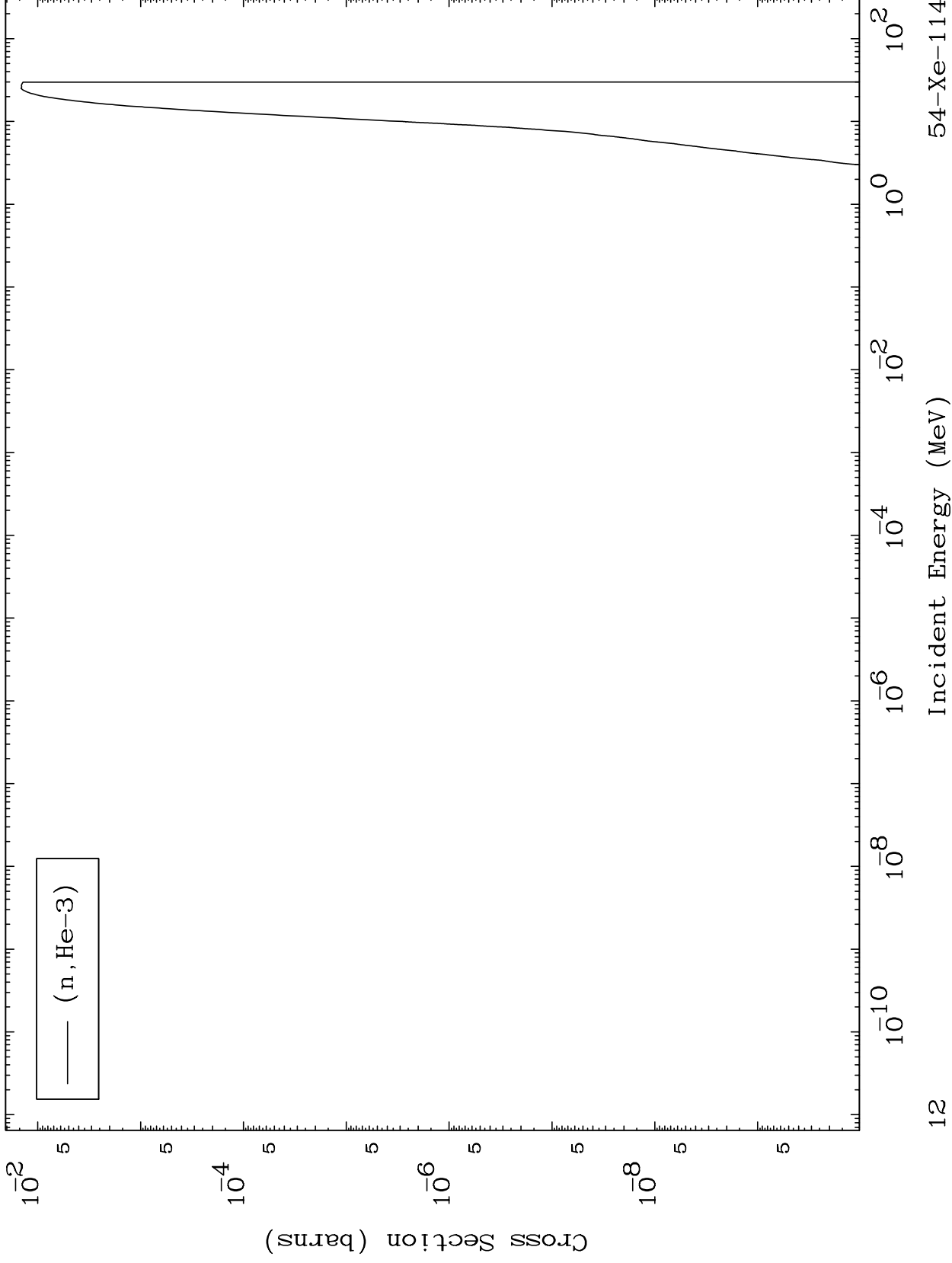
Incident Energy (MeV)

54-Xe-114

MAT 5395

(n,He3) Levels  
293 Kelvin Cross Sections

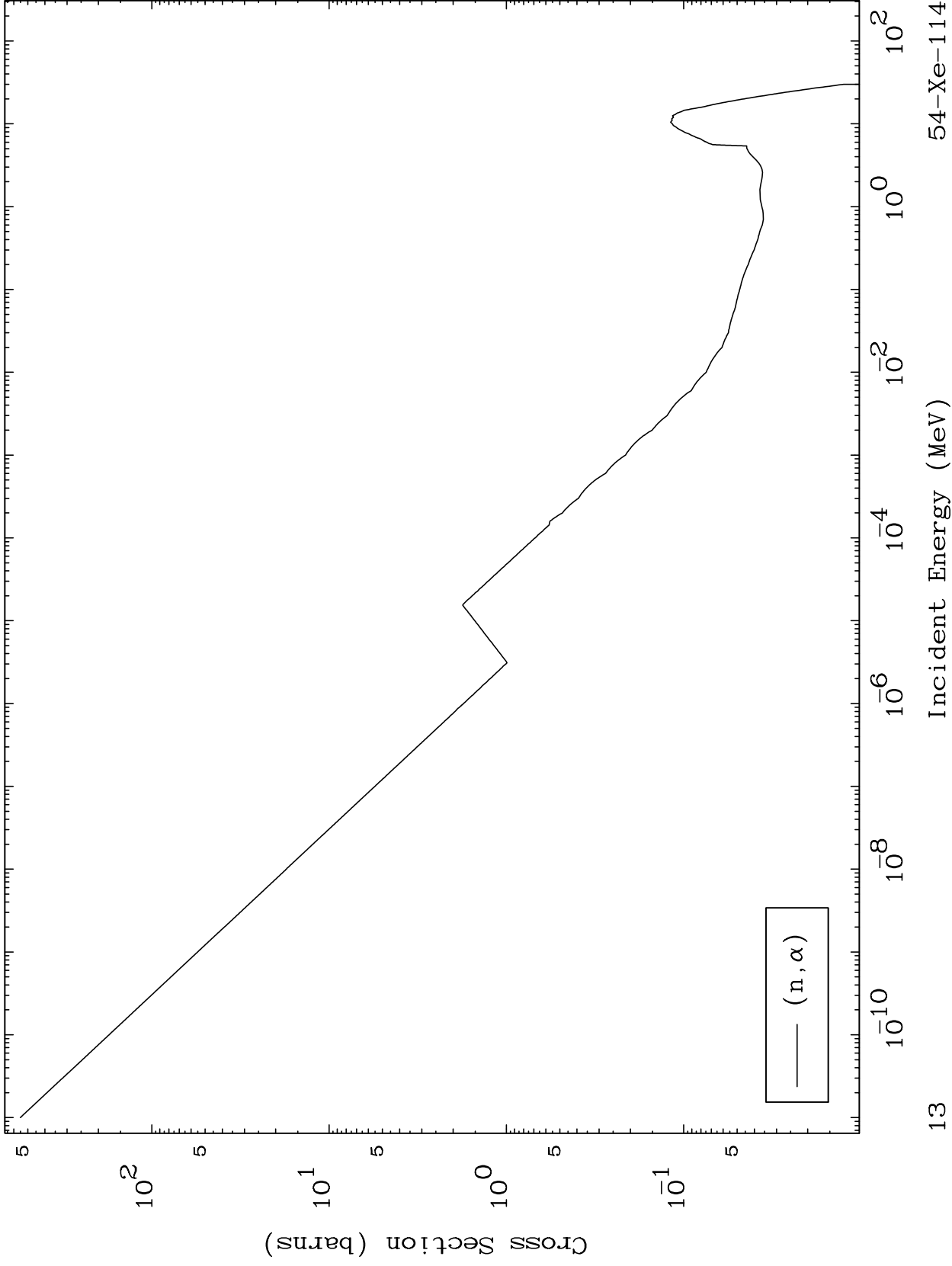
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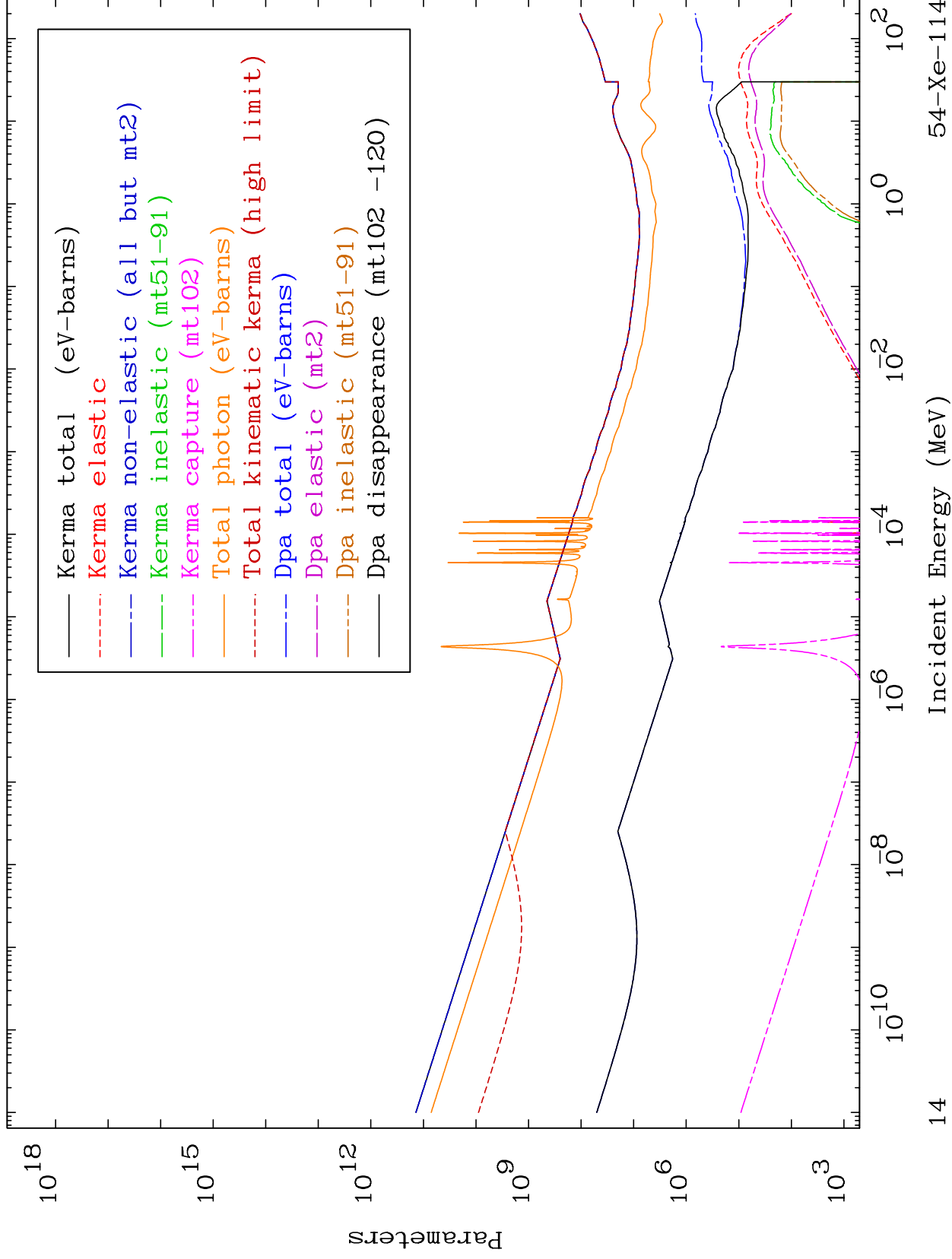
MAT 5395

(n,α) Levels  
293 Kelvin Cross Sections

54-Xe-114



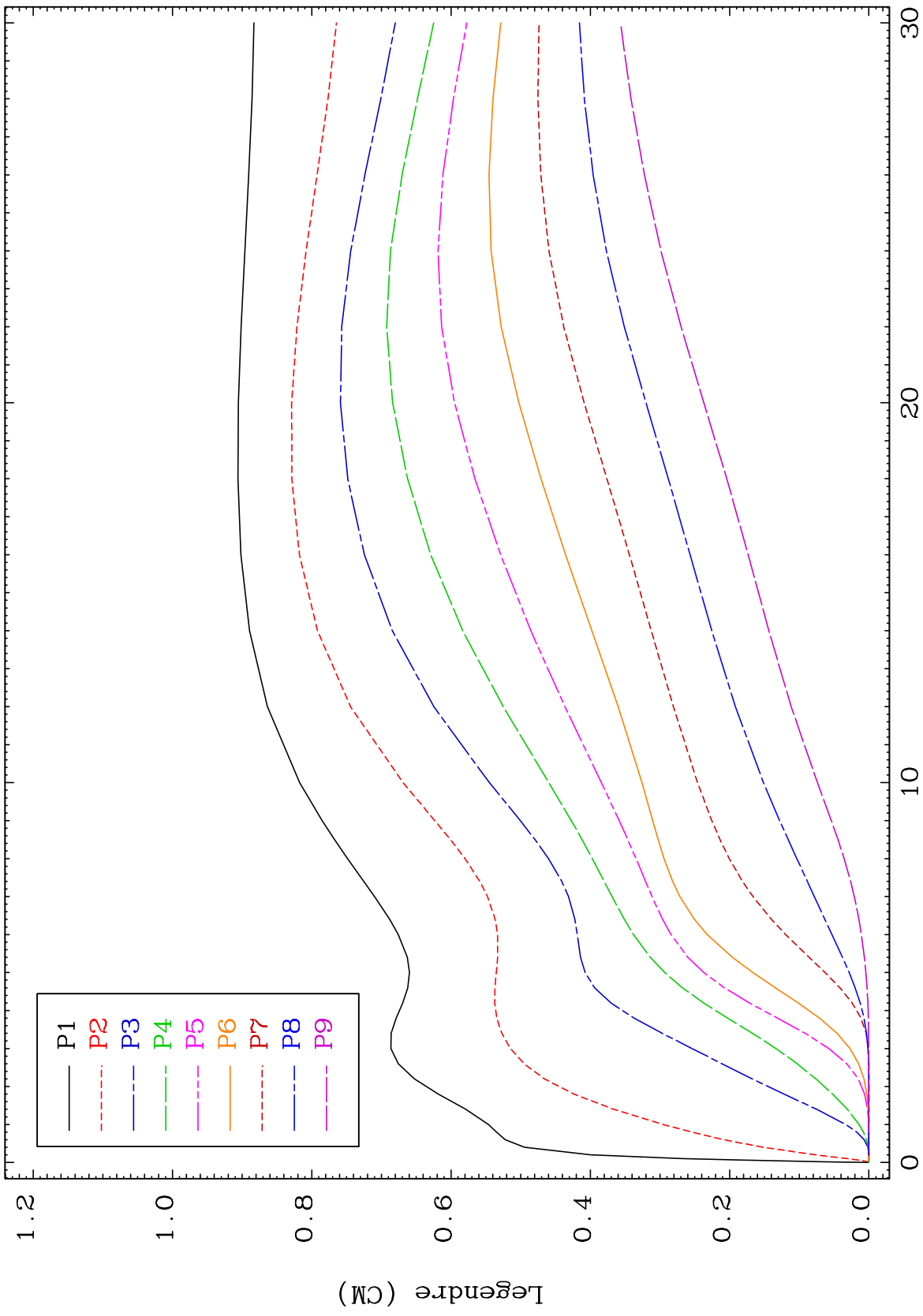
13



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Elastic Legendre Coefficients

54-Xe-114



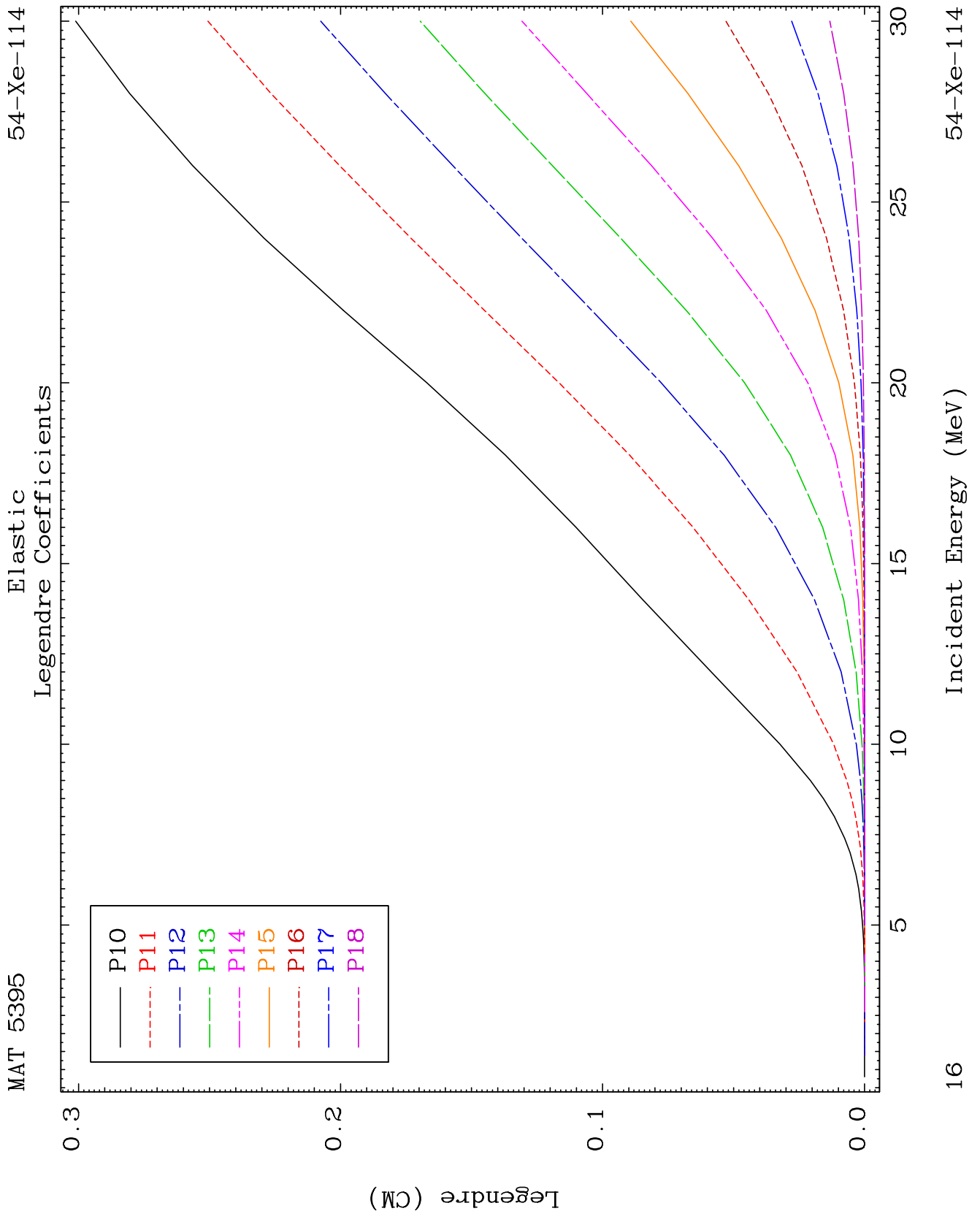
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Incident Energy (MeV)

54-Xe-114

30

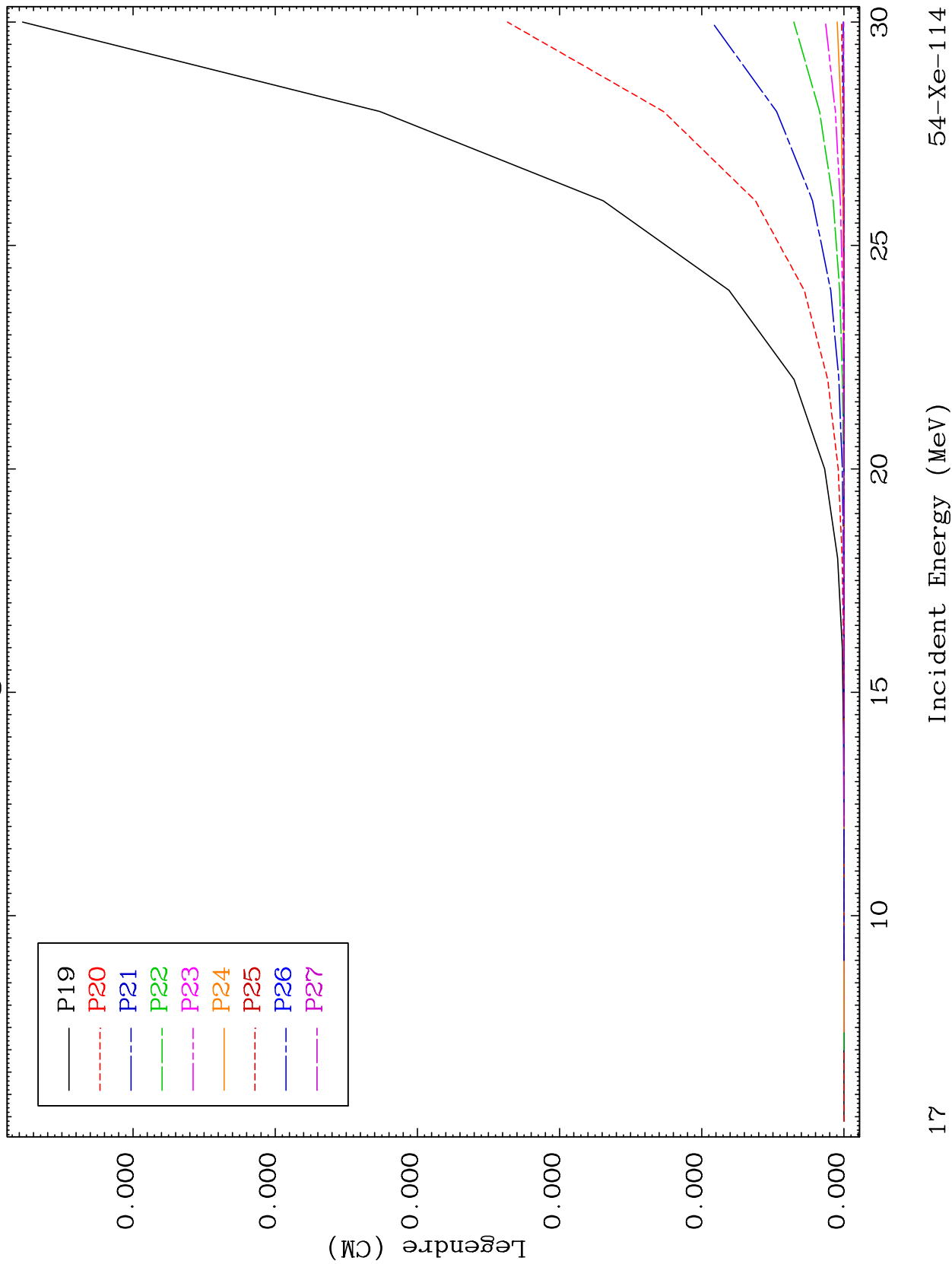




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Elastic Legendre Coefficients

54-Xe-114



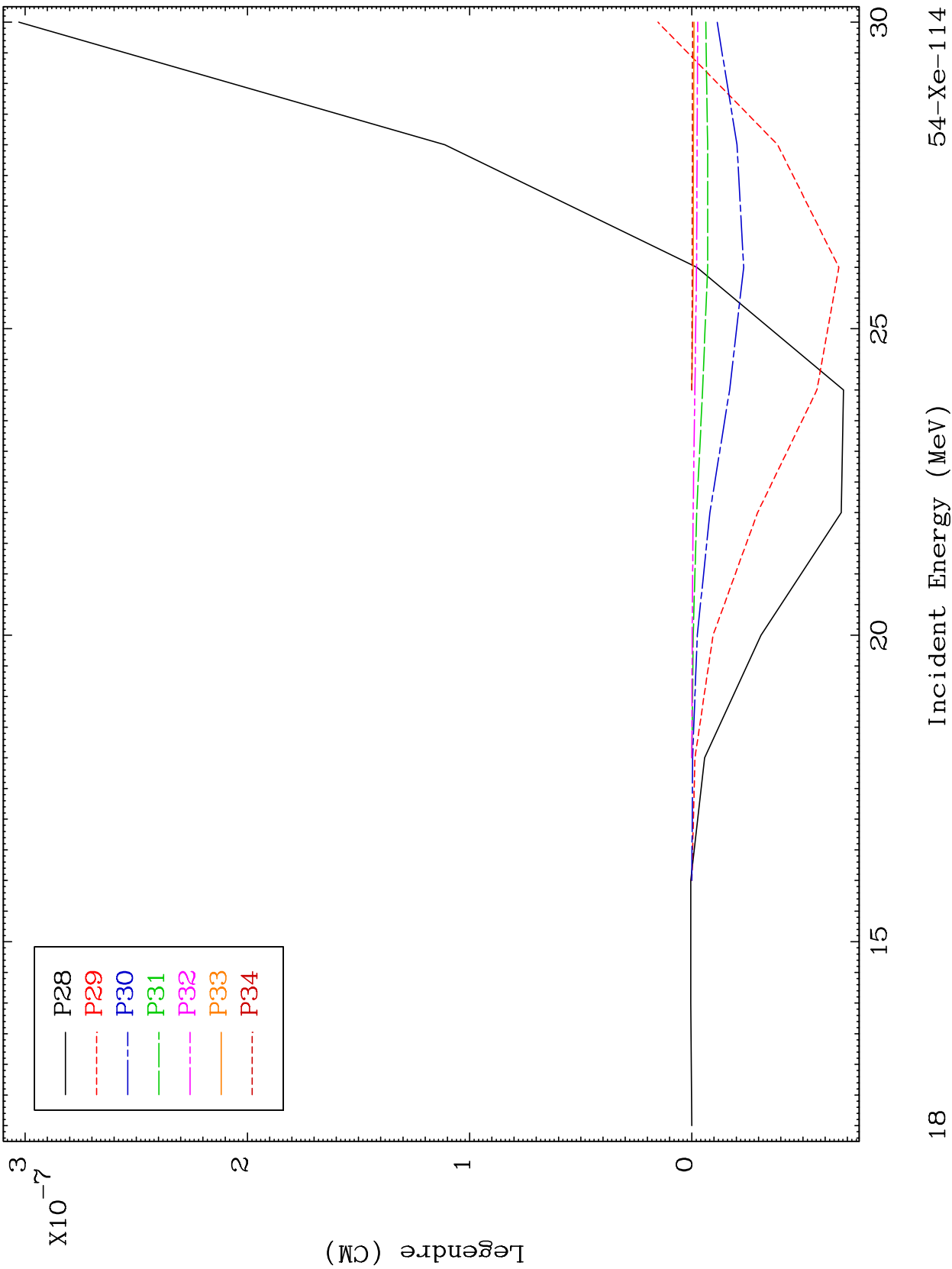
17

54-Xe-114

MAT 5395

Elastic Legendre Coefficients

54-Xe-114



18

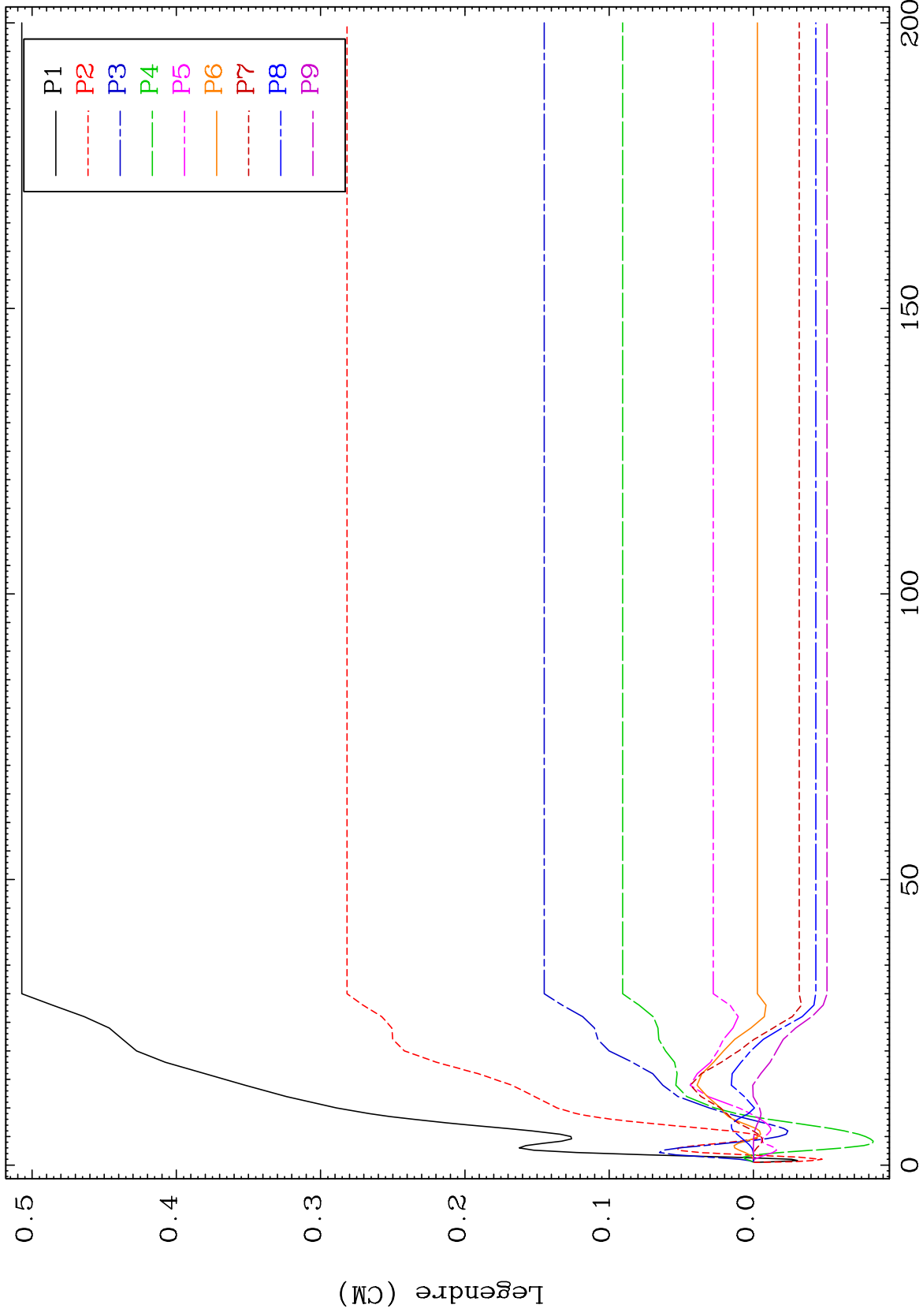
Incident Energy (MeV)

54-Xe-114

MAT 5395

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

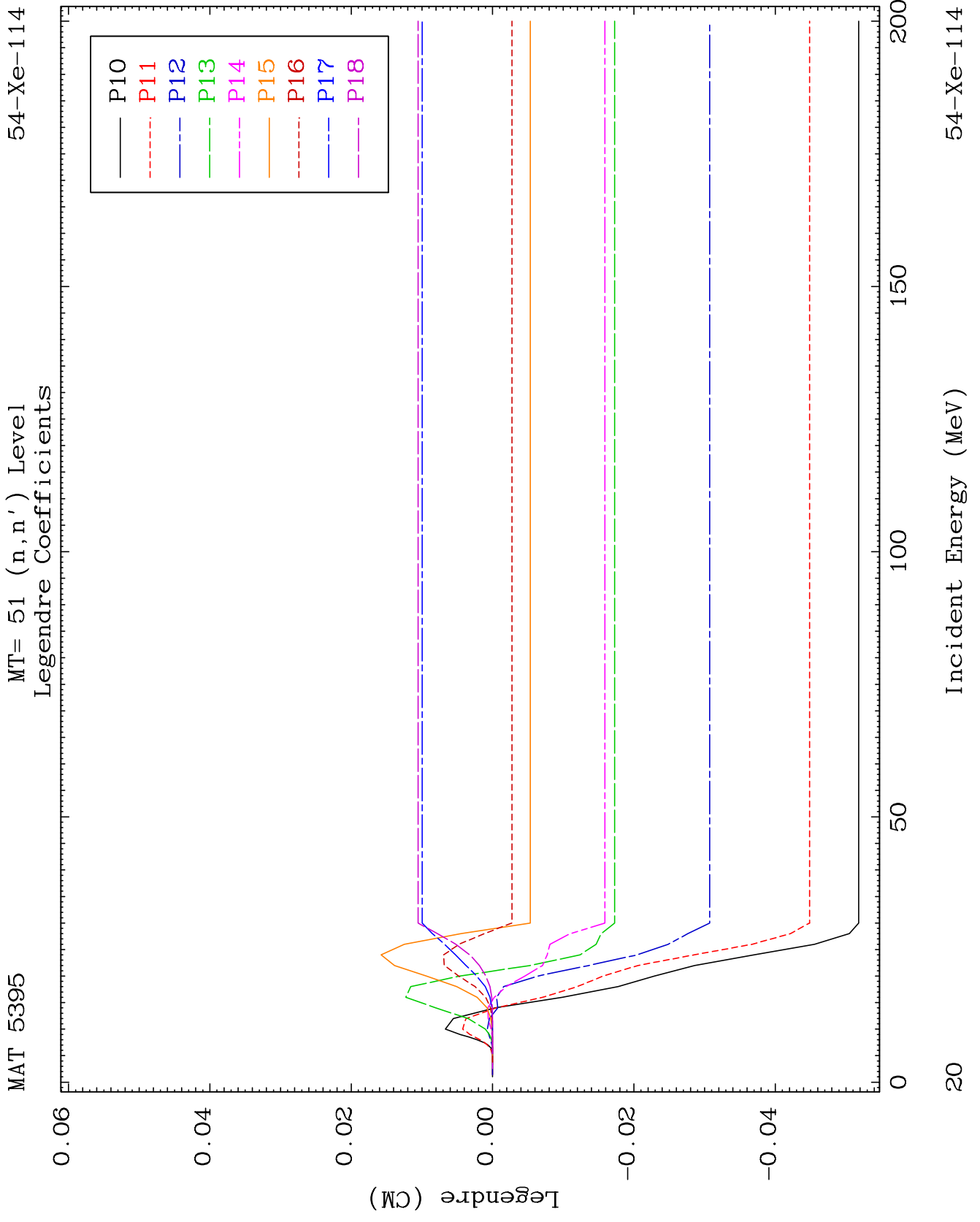
54-Xe-114



54-Xe-114

Incident Energy (MeV)

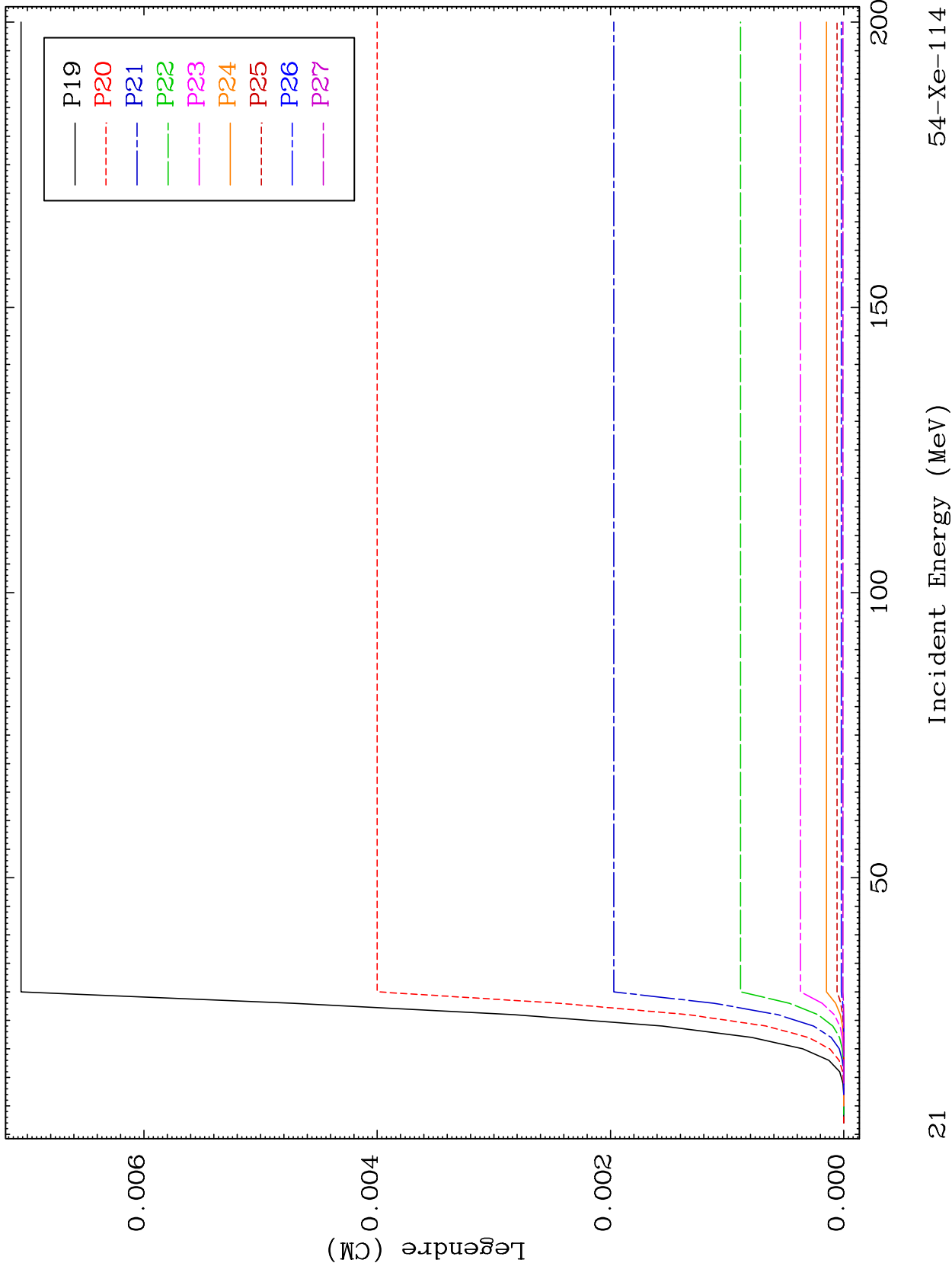
19



MAT 5395

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

54-Xe-114



21

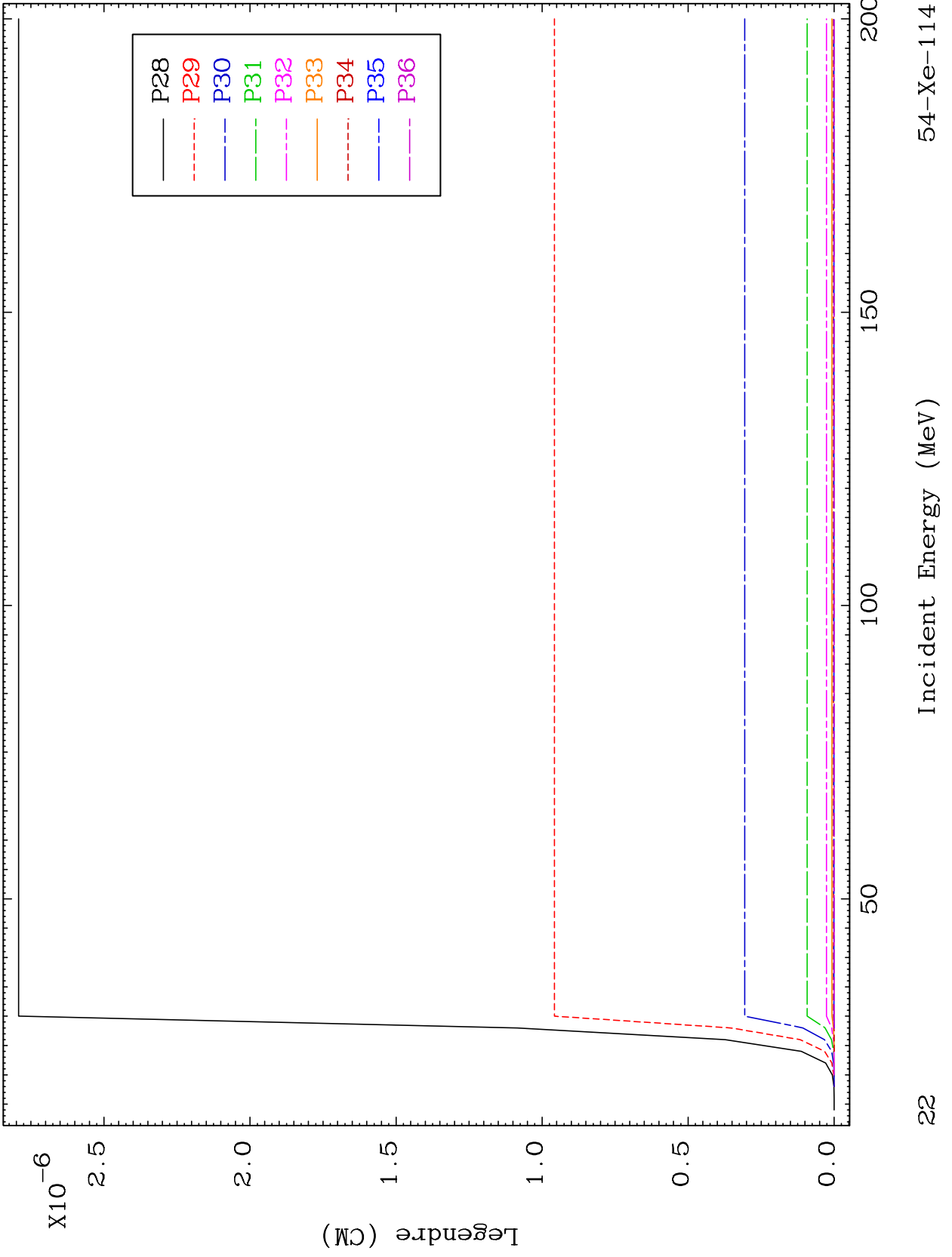
Incident Energy (MeV)

54-Xe-114

MAT 5395

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

54-Xe-114

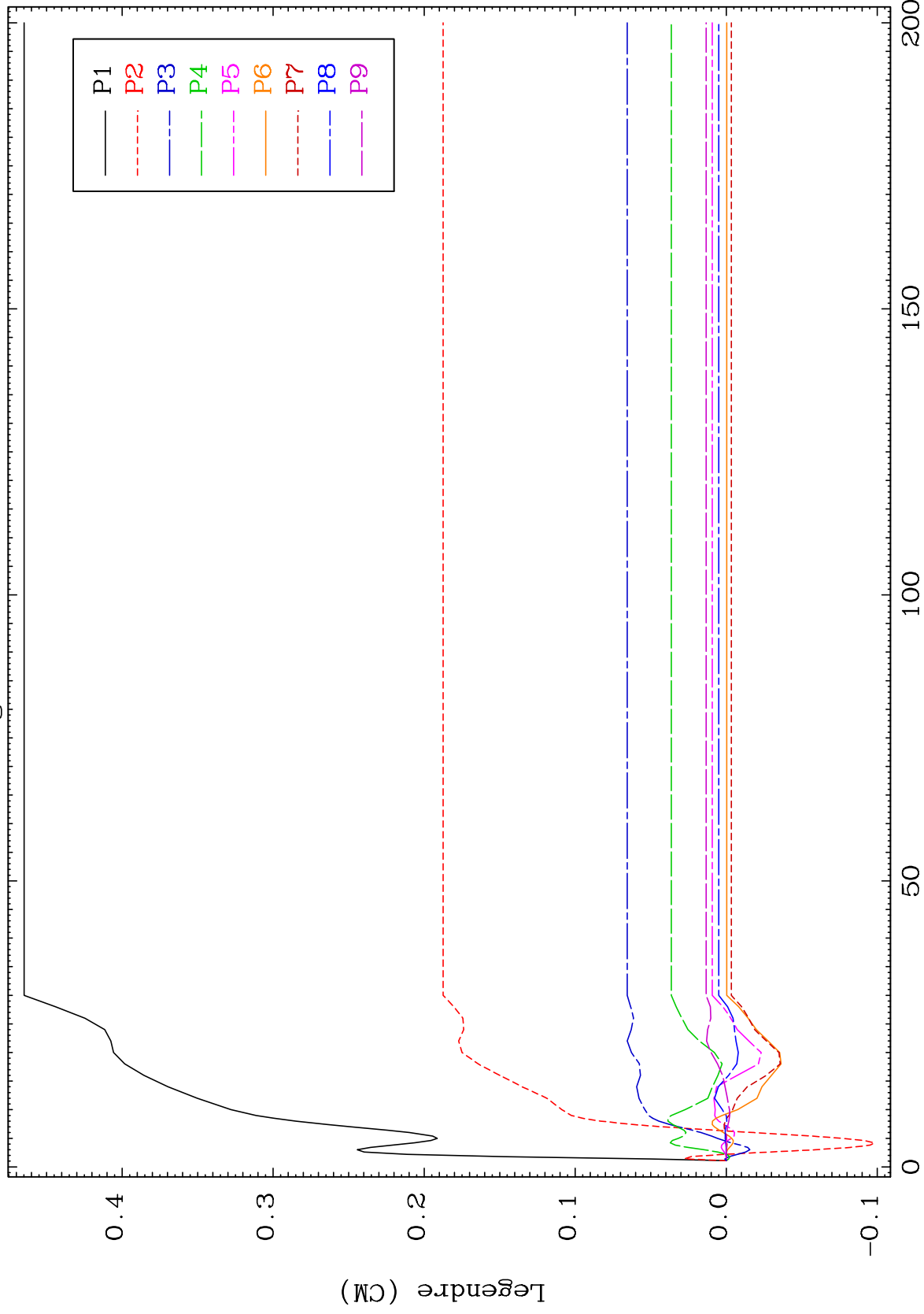


22

MAT 5395

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

54-Xe-114



23

Incident Energy (MeV)

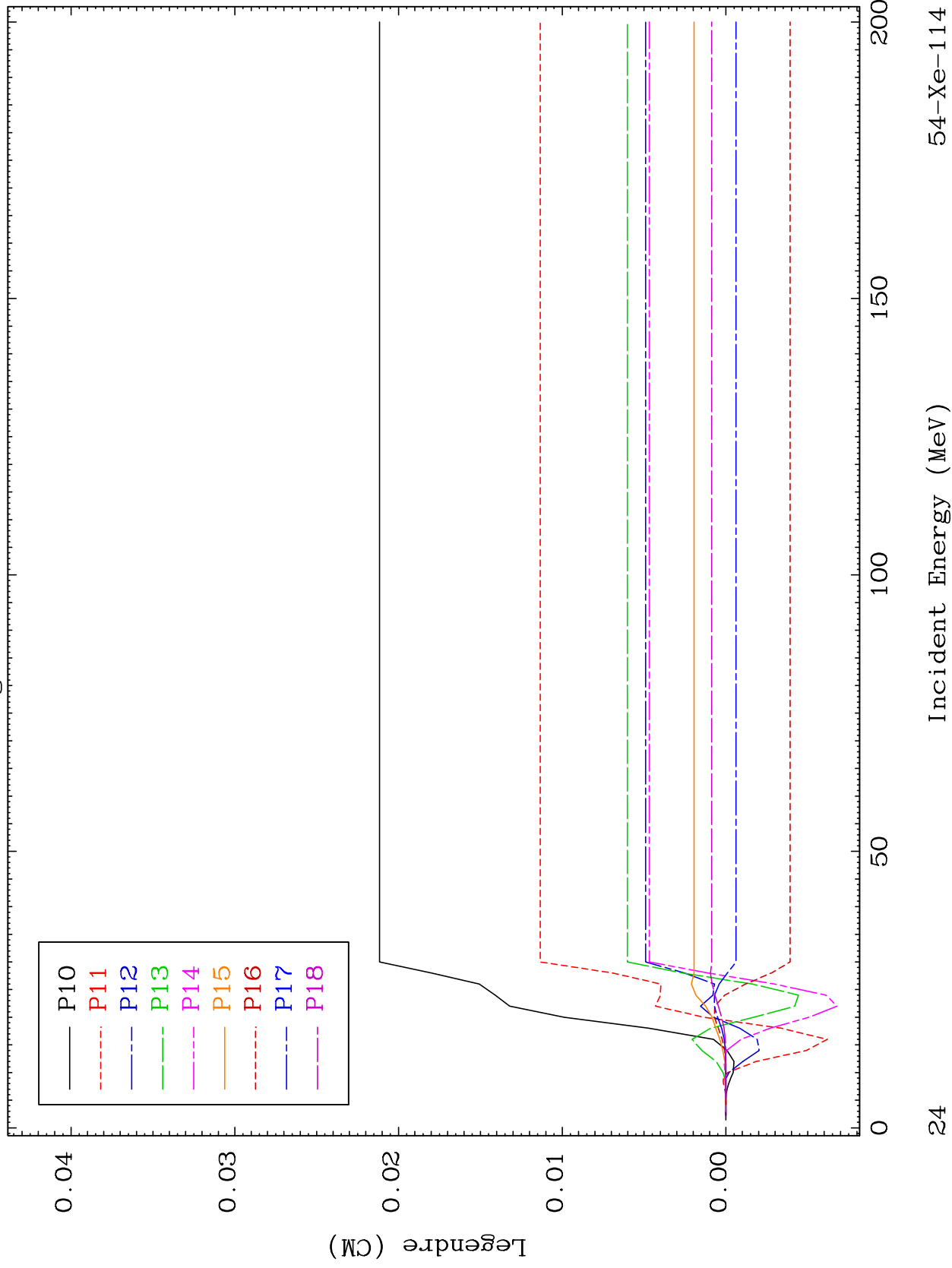
54-Xe-114



MAT 5395

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

54-Xe-114



54-Xe-114

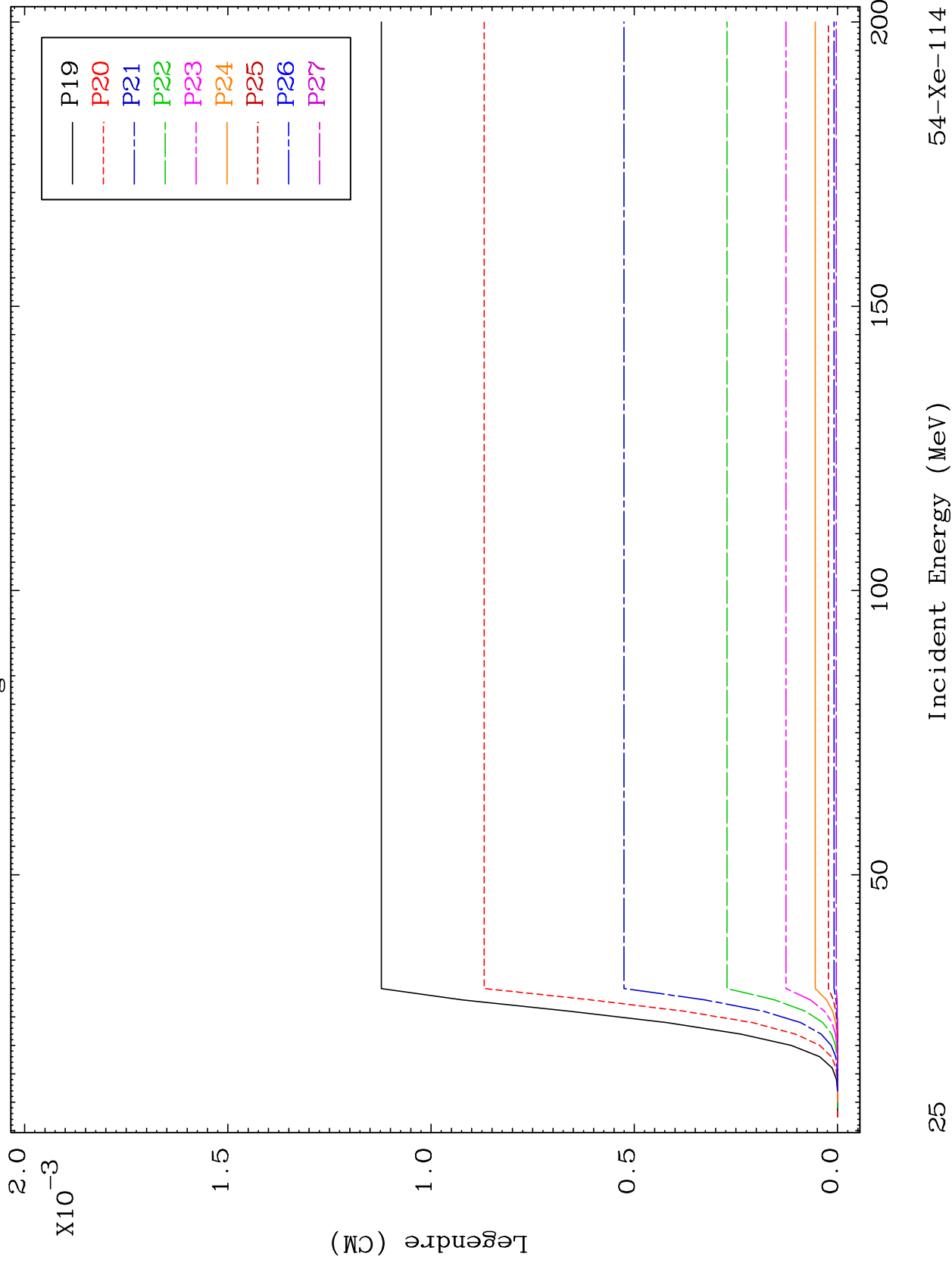
Incident Energy (MeV)

24

MAT 5395

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

54-Xe-114



54-Xe-114

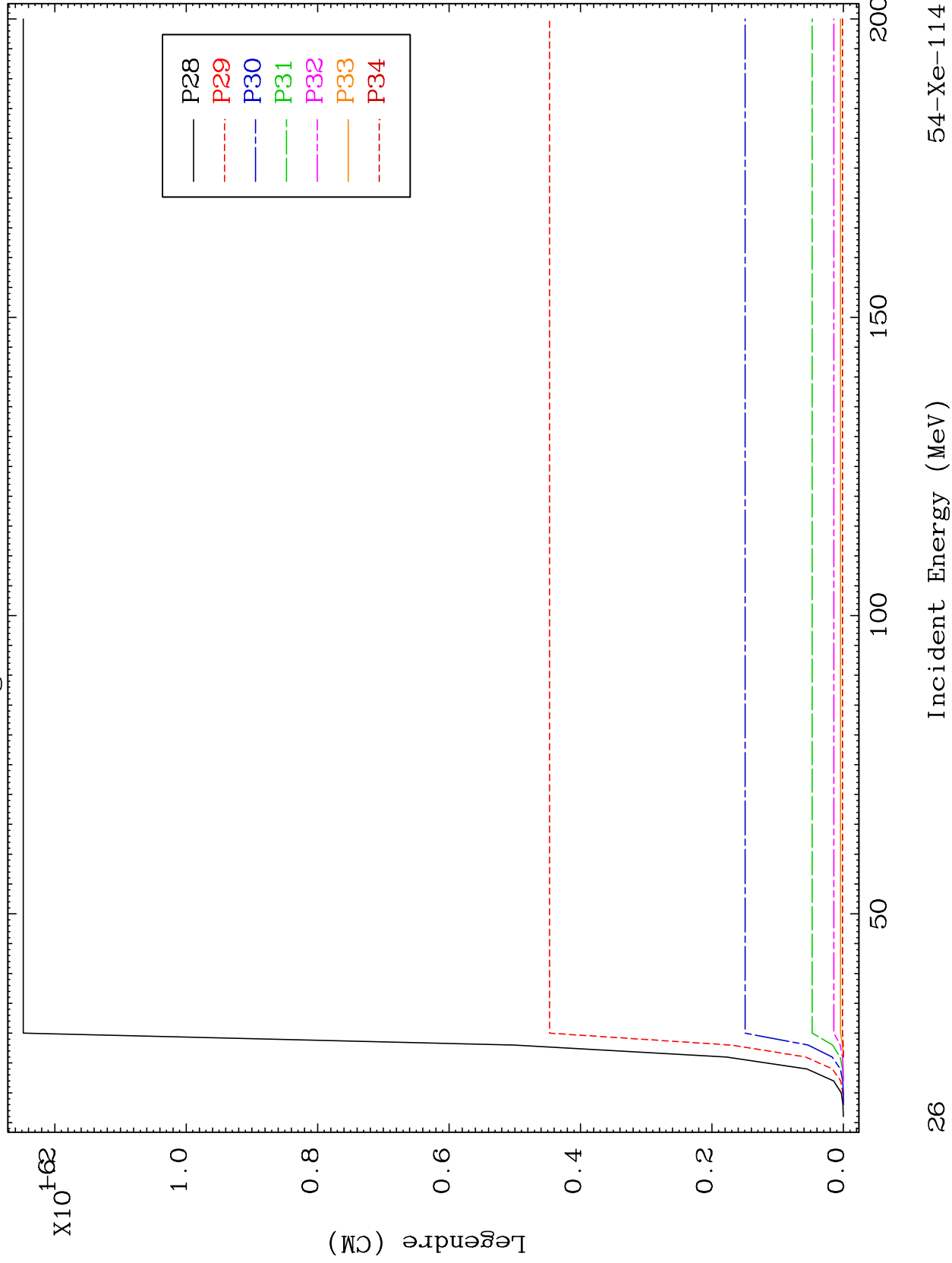
Incident Energy (MeV)

25

MAT 5395

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

54-Xe-114

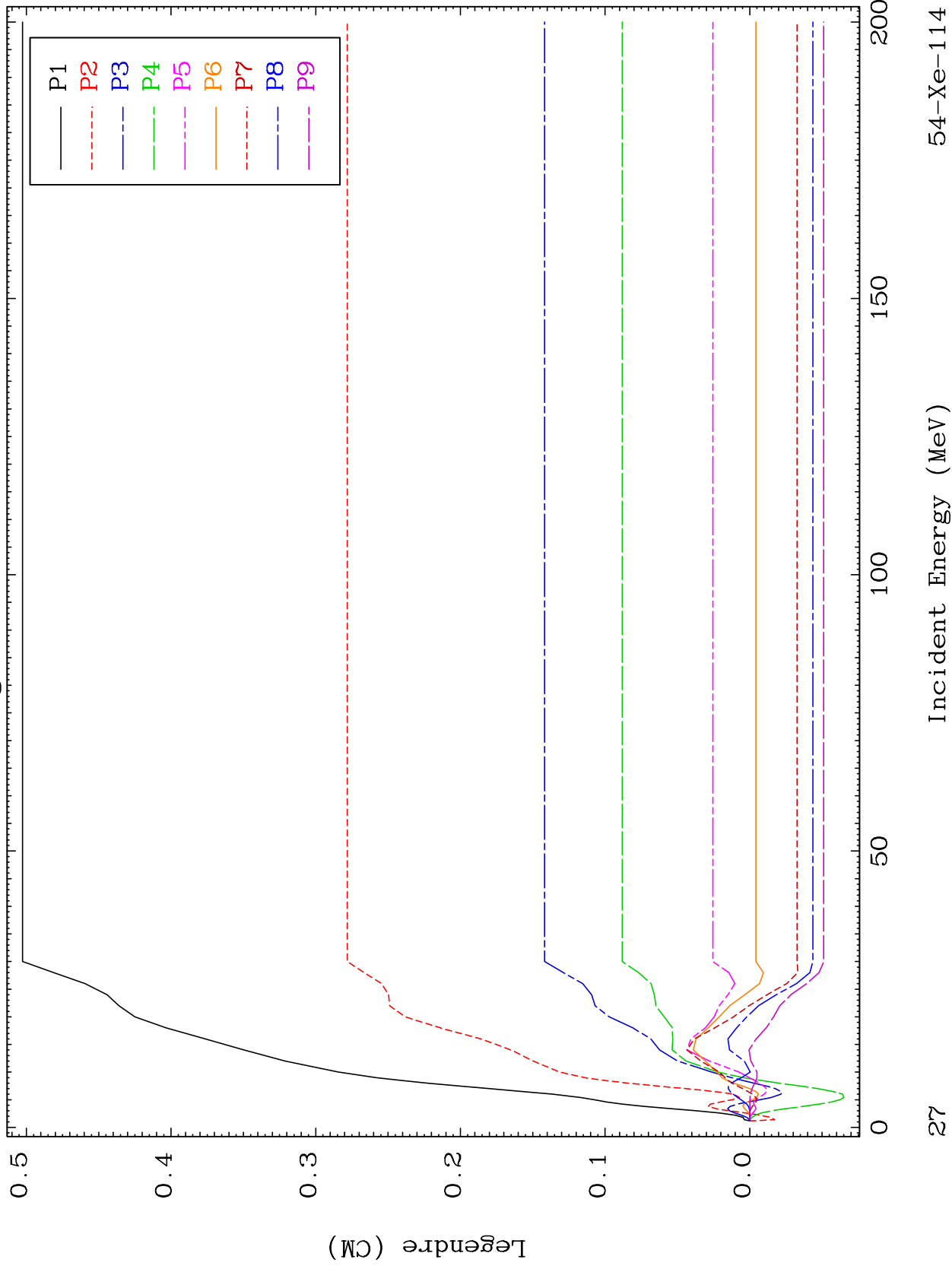


26

MAT 5395

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

54-Xe-114



54-Xe-114

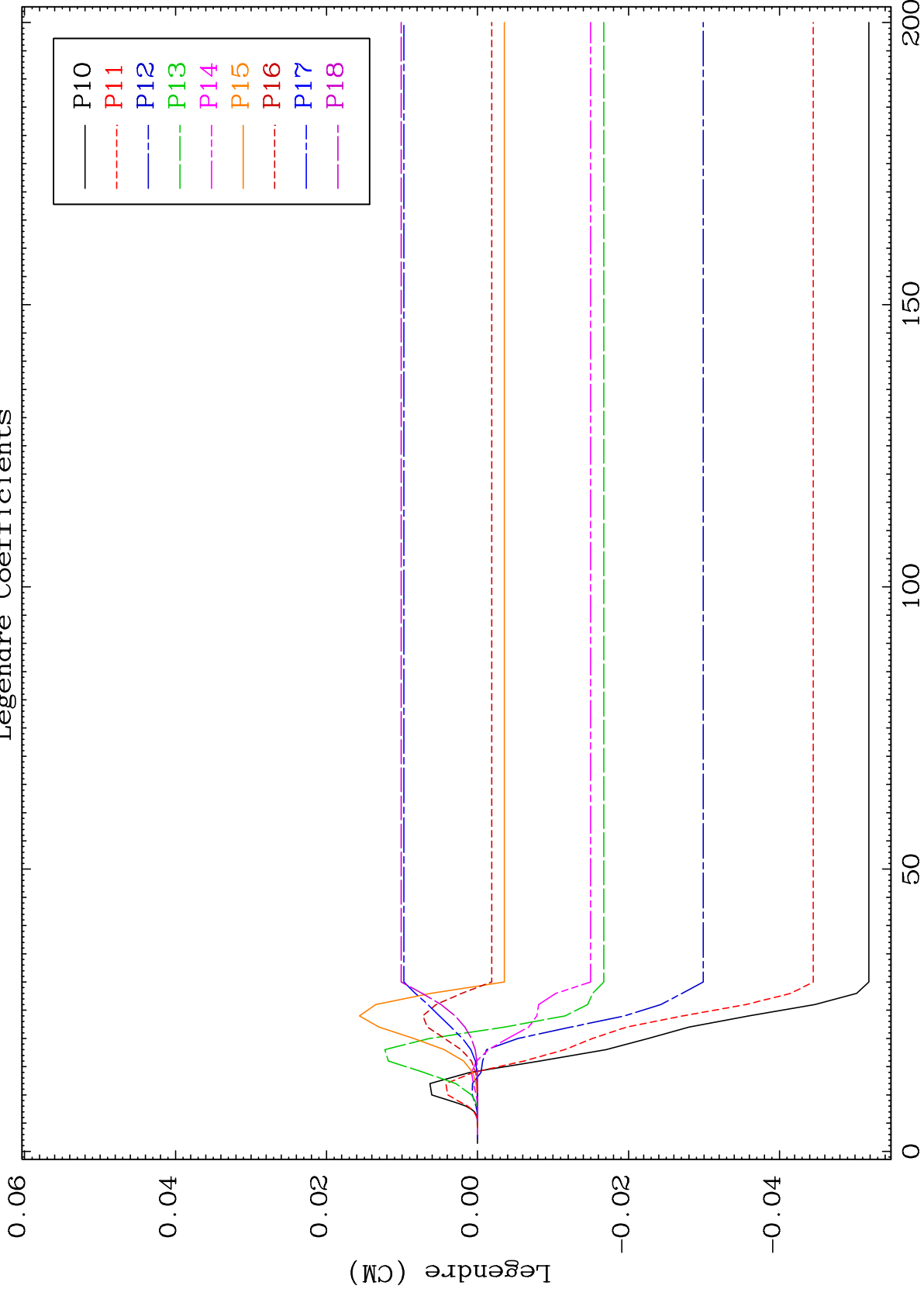
Incident Energy (MeV)

27

MAT 5395

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

54-Xe-114



28

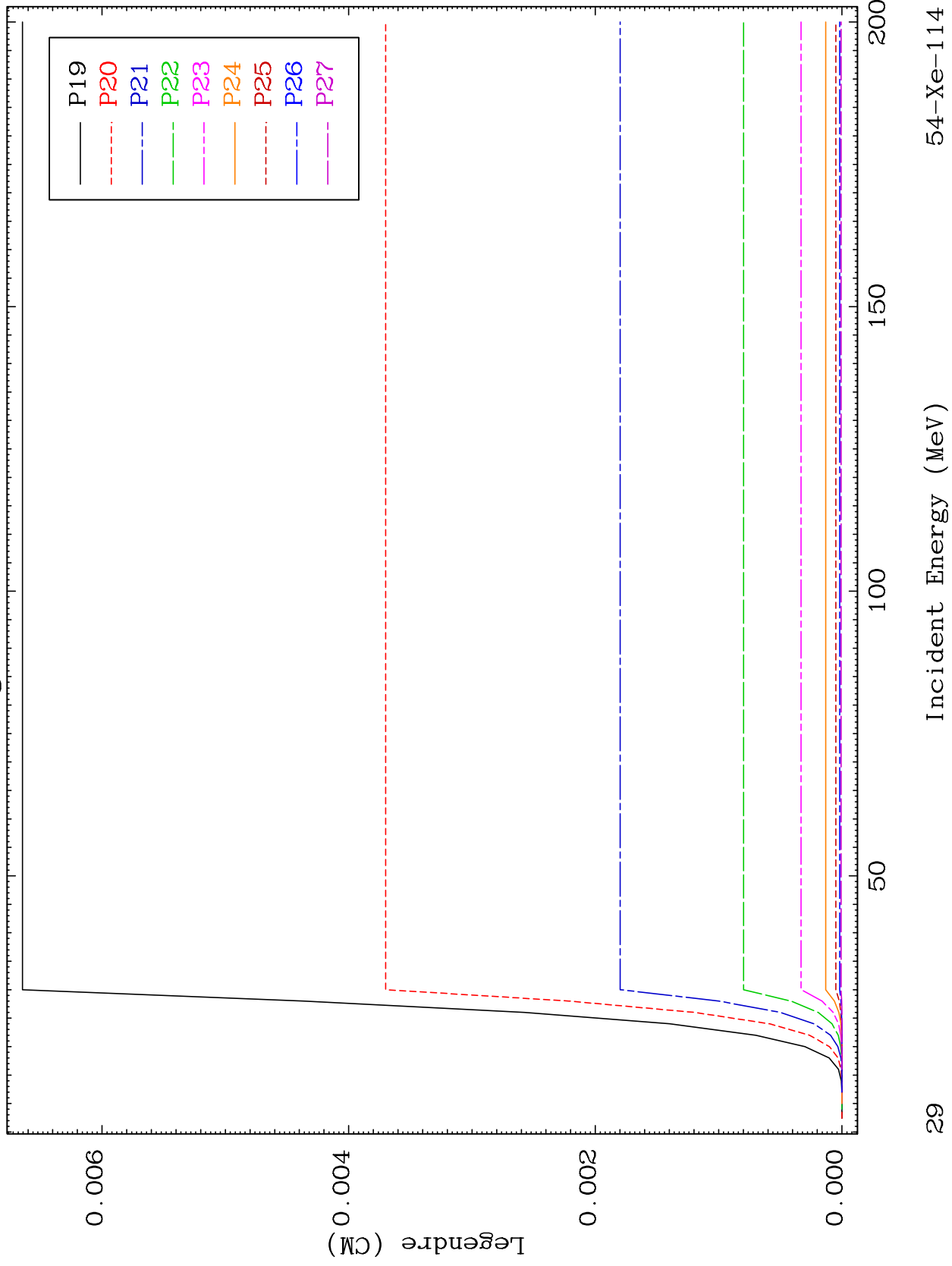
Incident Energy (MeV)

54-Xe-114

MAT 5395

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

54-Xe-114



29

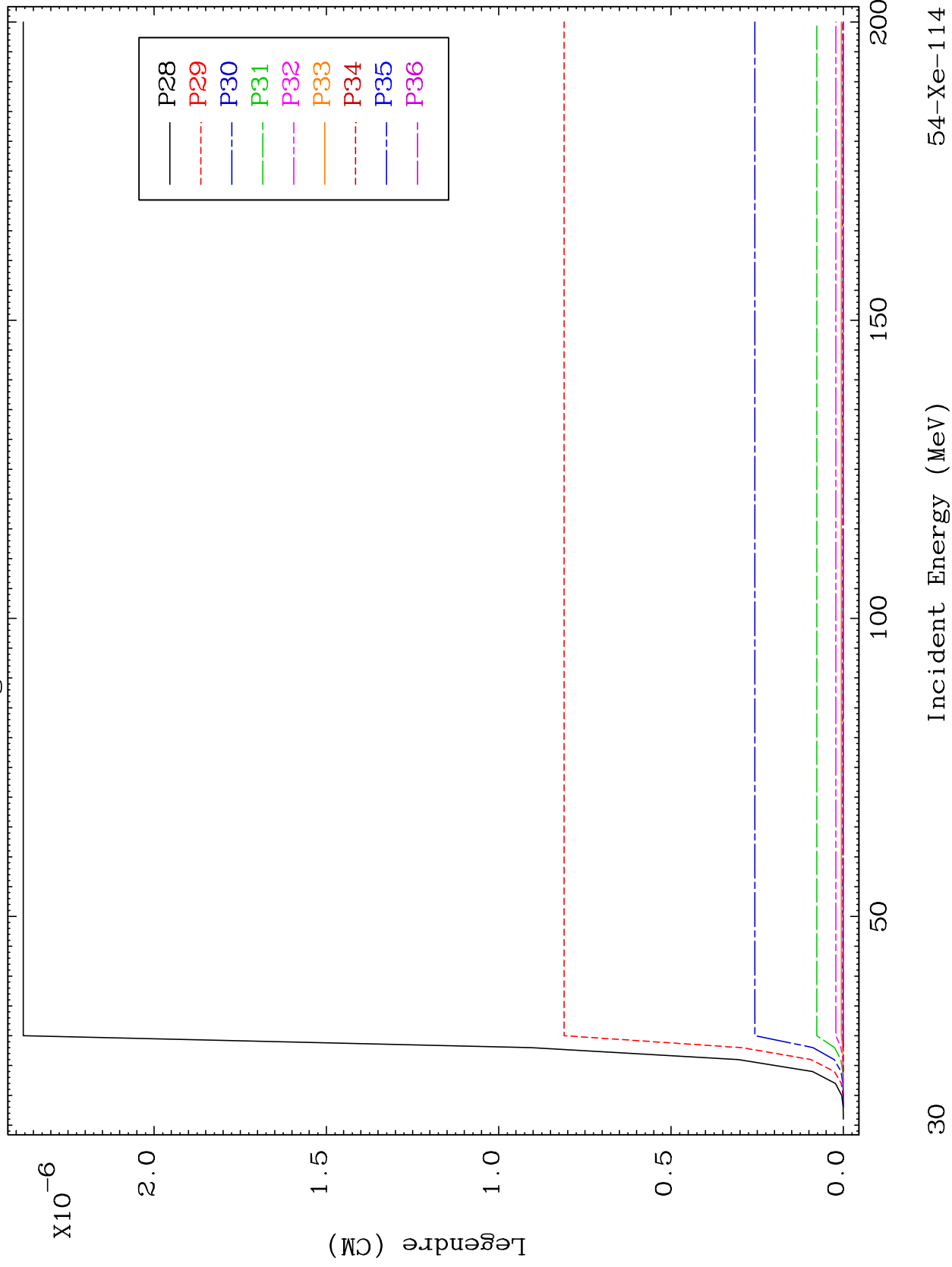
Incident Energy (MeV)

54-Xe-114

MAT 5395

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

54-Xe-114



30

50

100

150

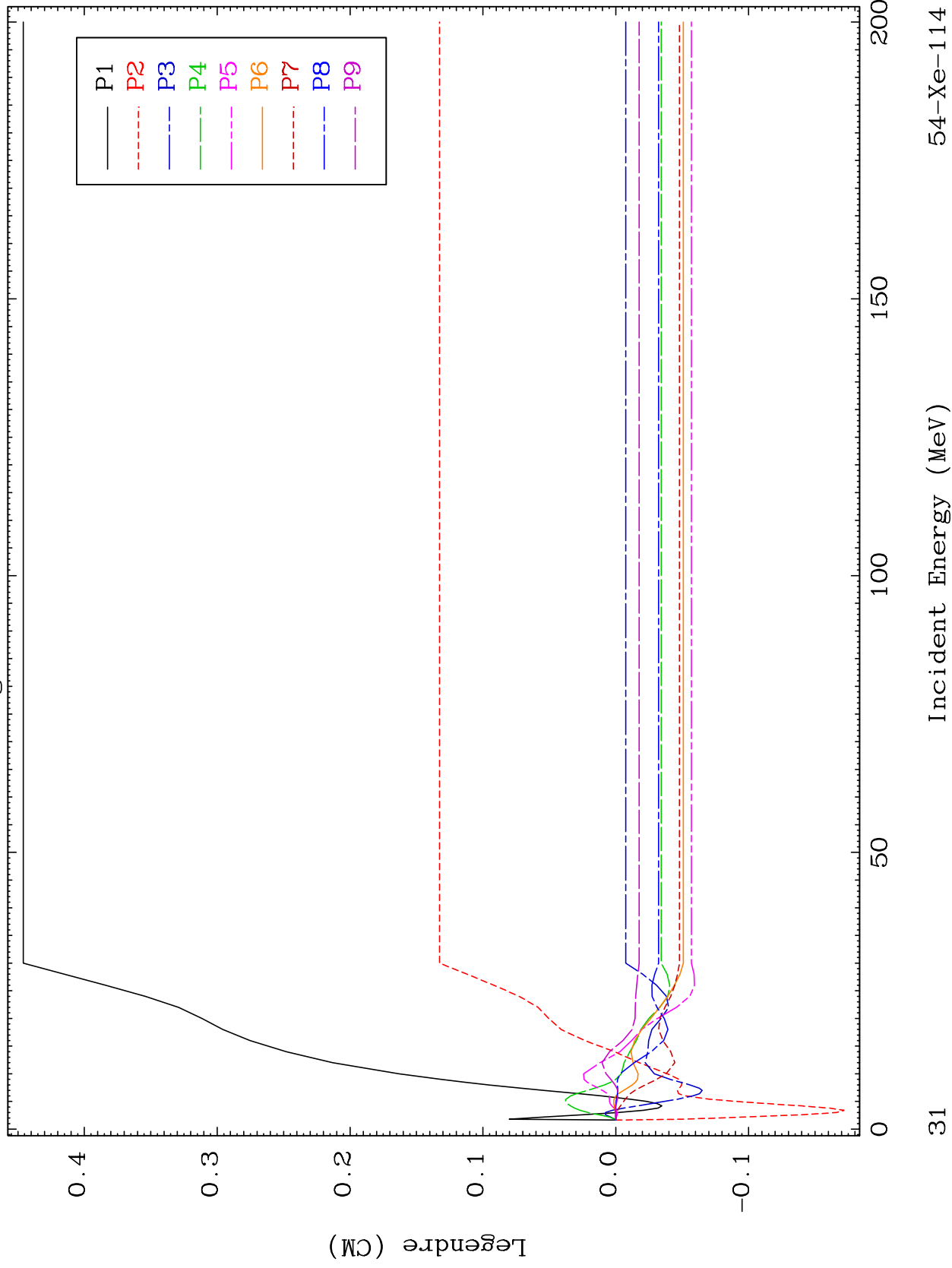
200

54-Xe-114

MAT 5395

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

54-Xe-114

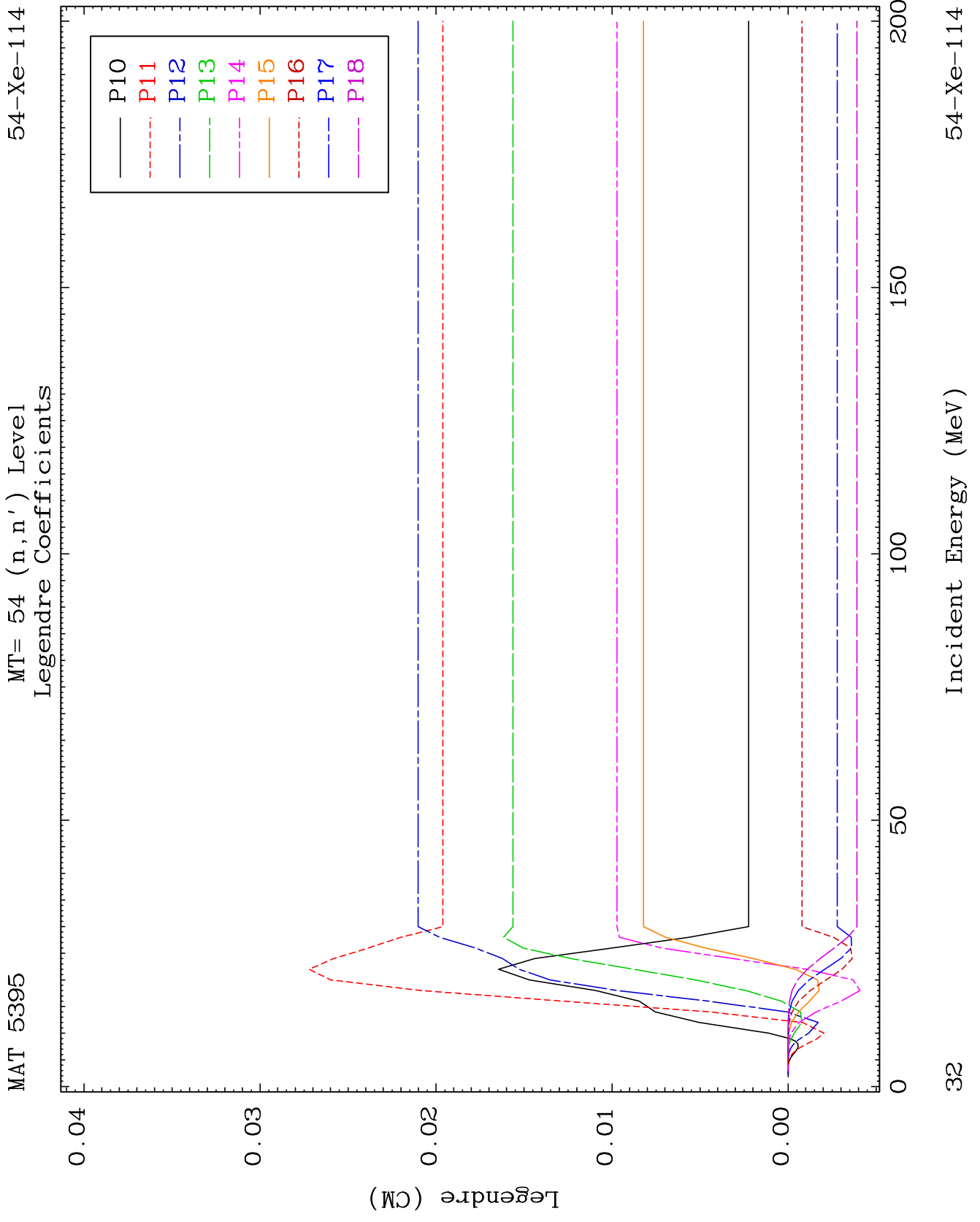


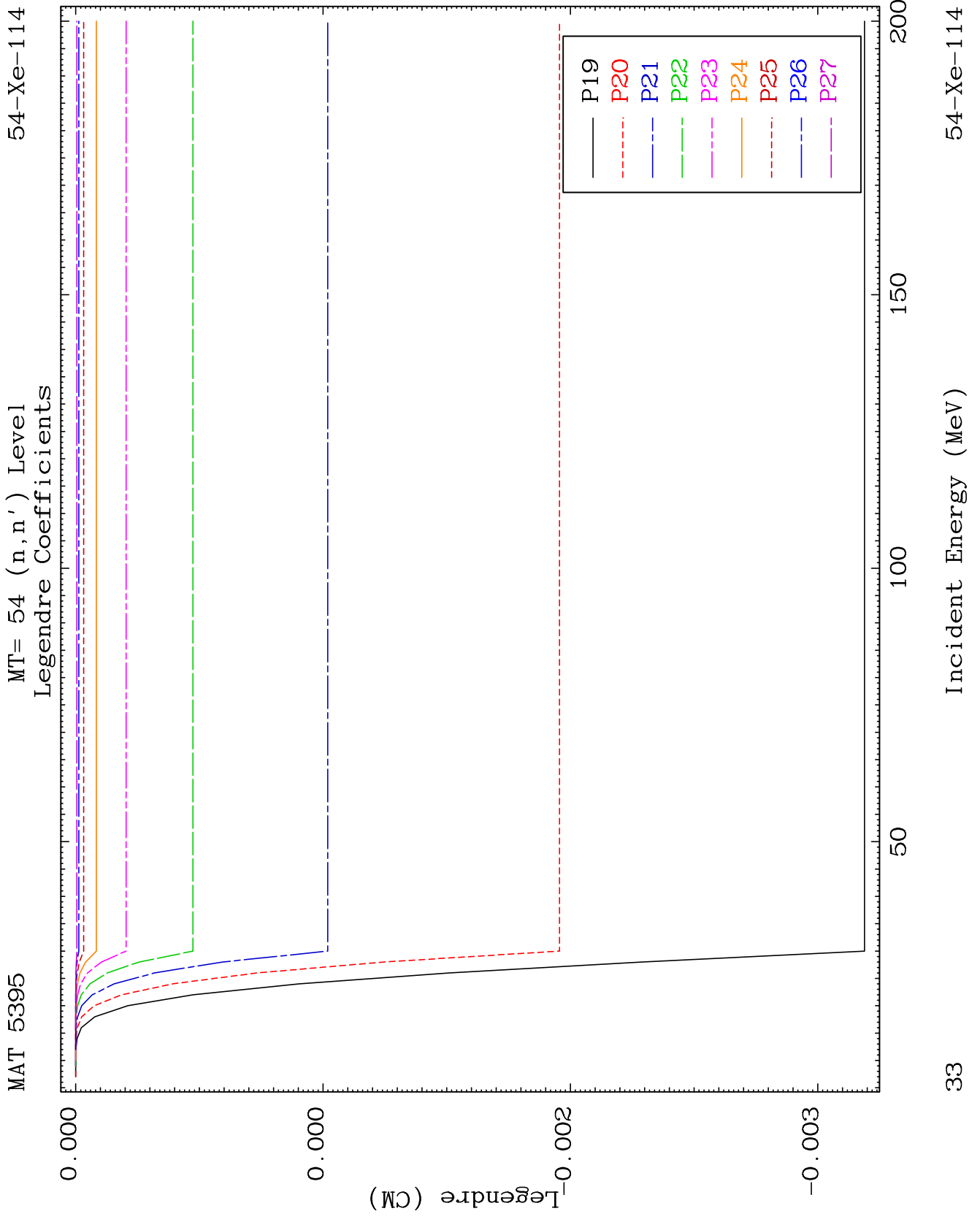
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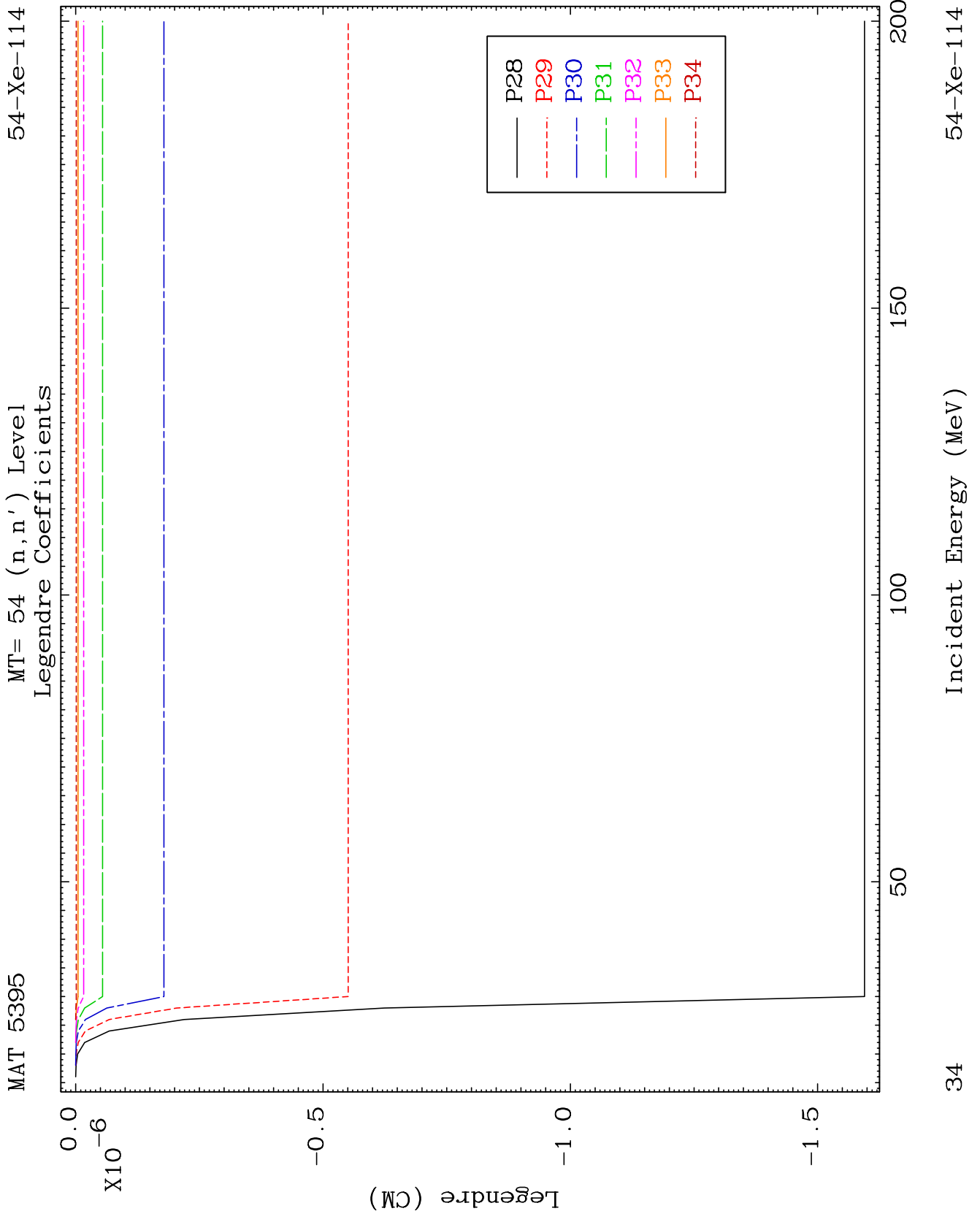
Incident Energy (MeV)

31







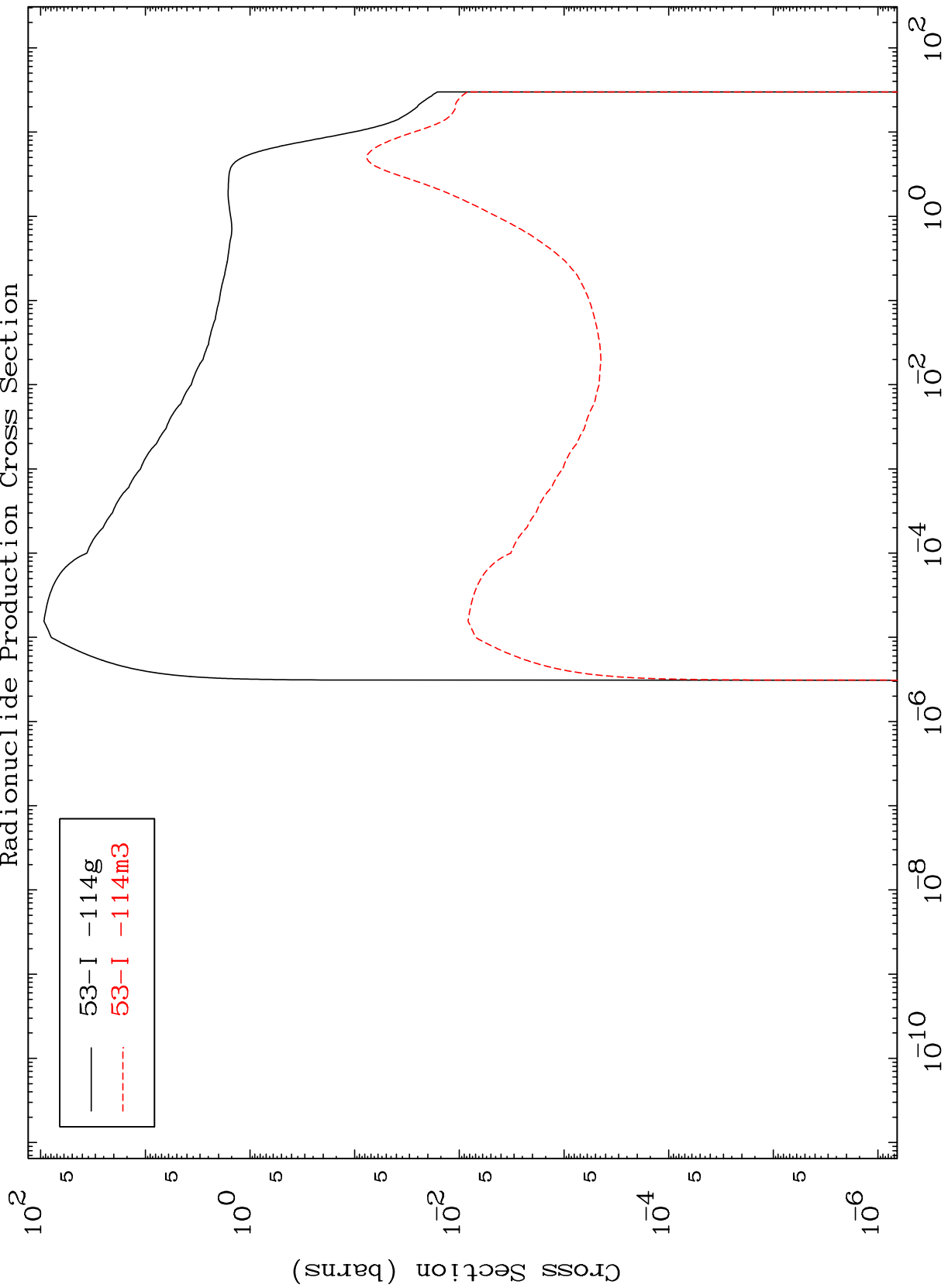


MAT 5395

(n,p)

54-Xe-114

Radionuclide Production Cross Section



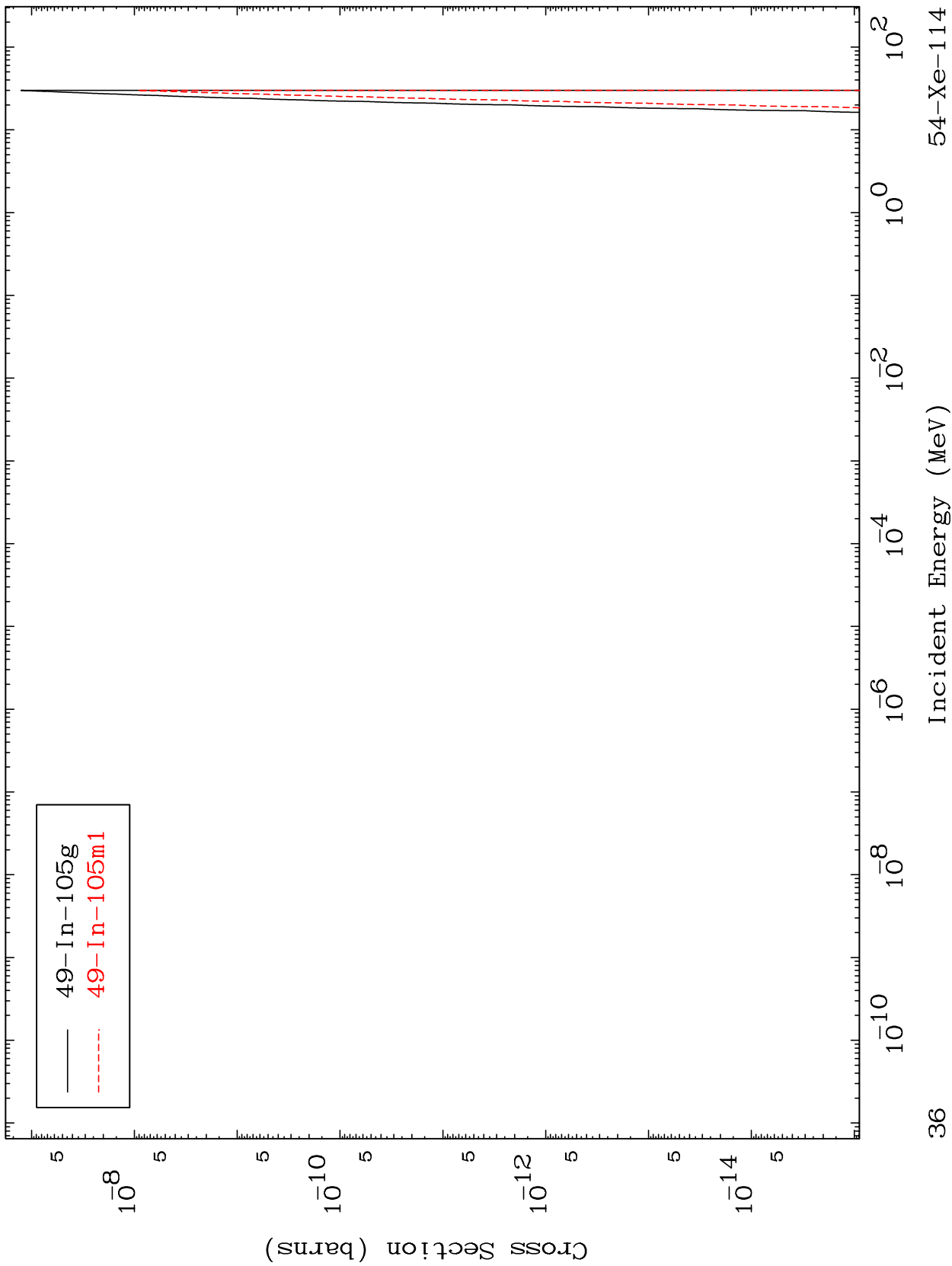
53-I-114g  
53-I-114m3

MAT 5395

(n,d) 2 $\alpha$

54-Xe-114

Radionuclide Production Cross Section



36

Incident Energy (MeV)

54-Xe-114