

Program EVALPLOT  
(Version 2021-1)

by

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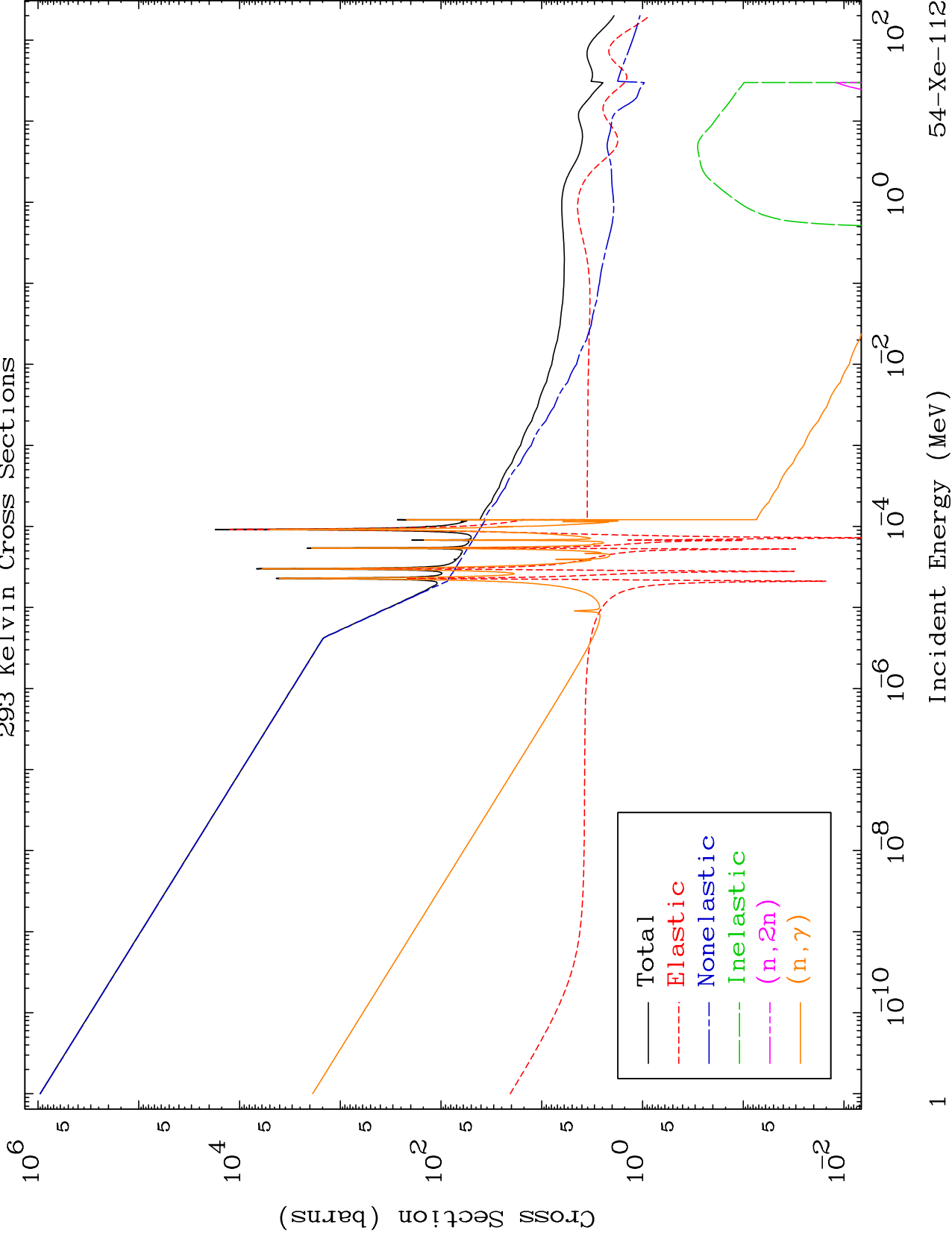
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5389

Neutron Major  
293 Kelvin Cross Sections

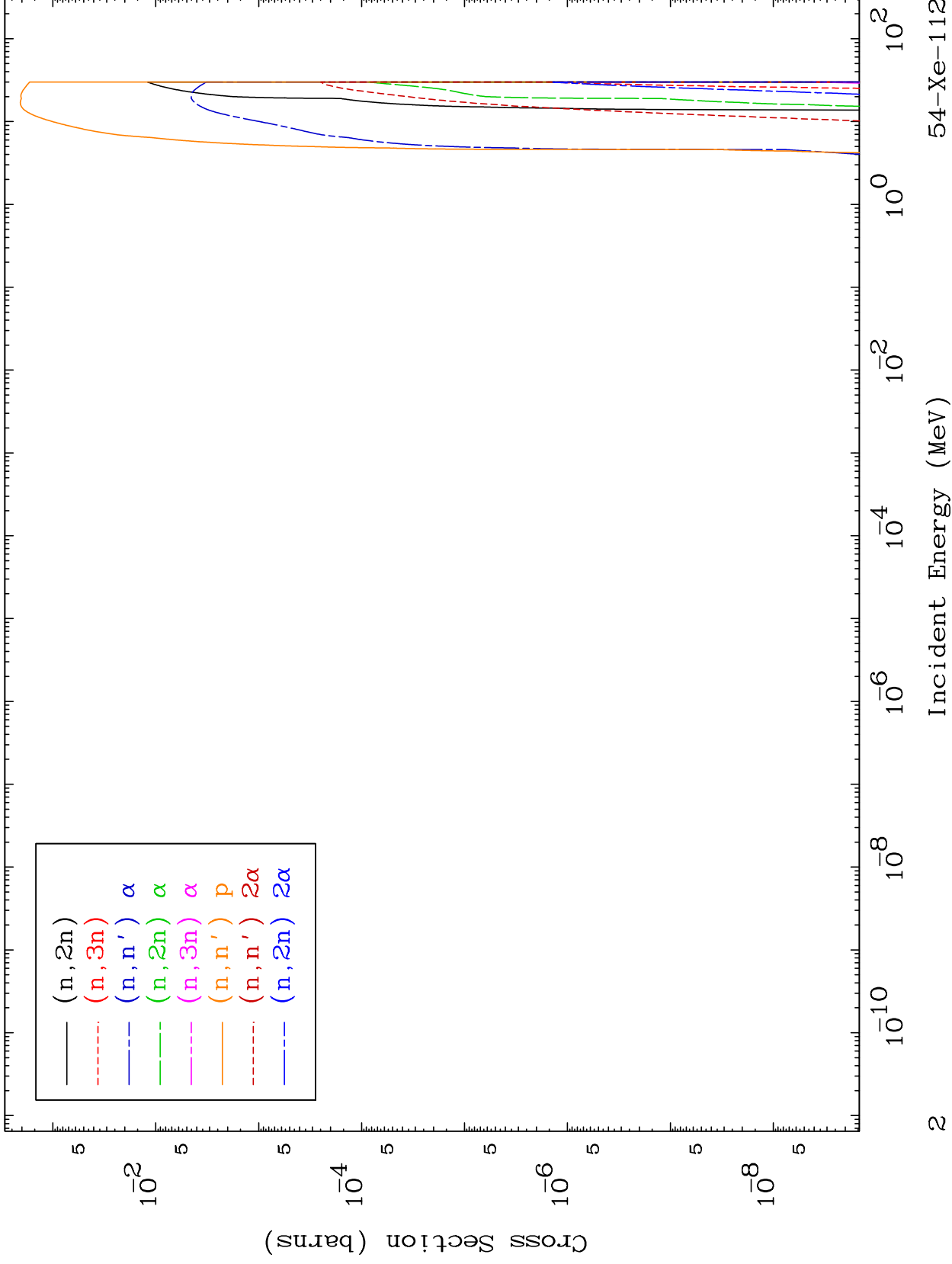
54-Xe-112



MAT 5389

Neutron Absorption  
293 Kelvin Cross Sections

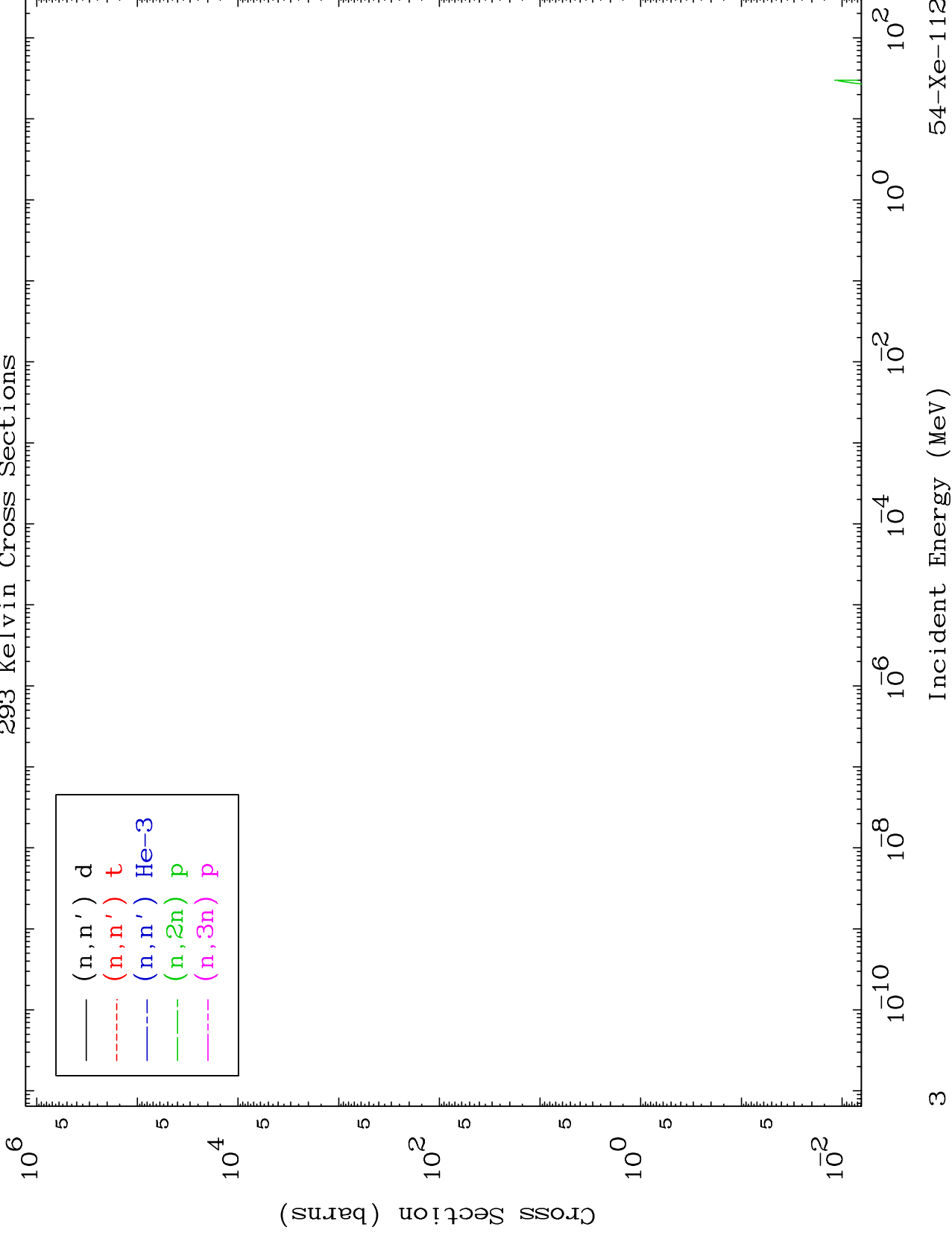
54-Xe-112

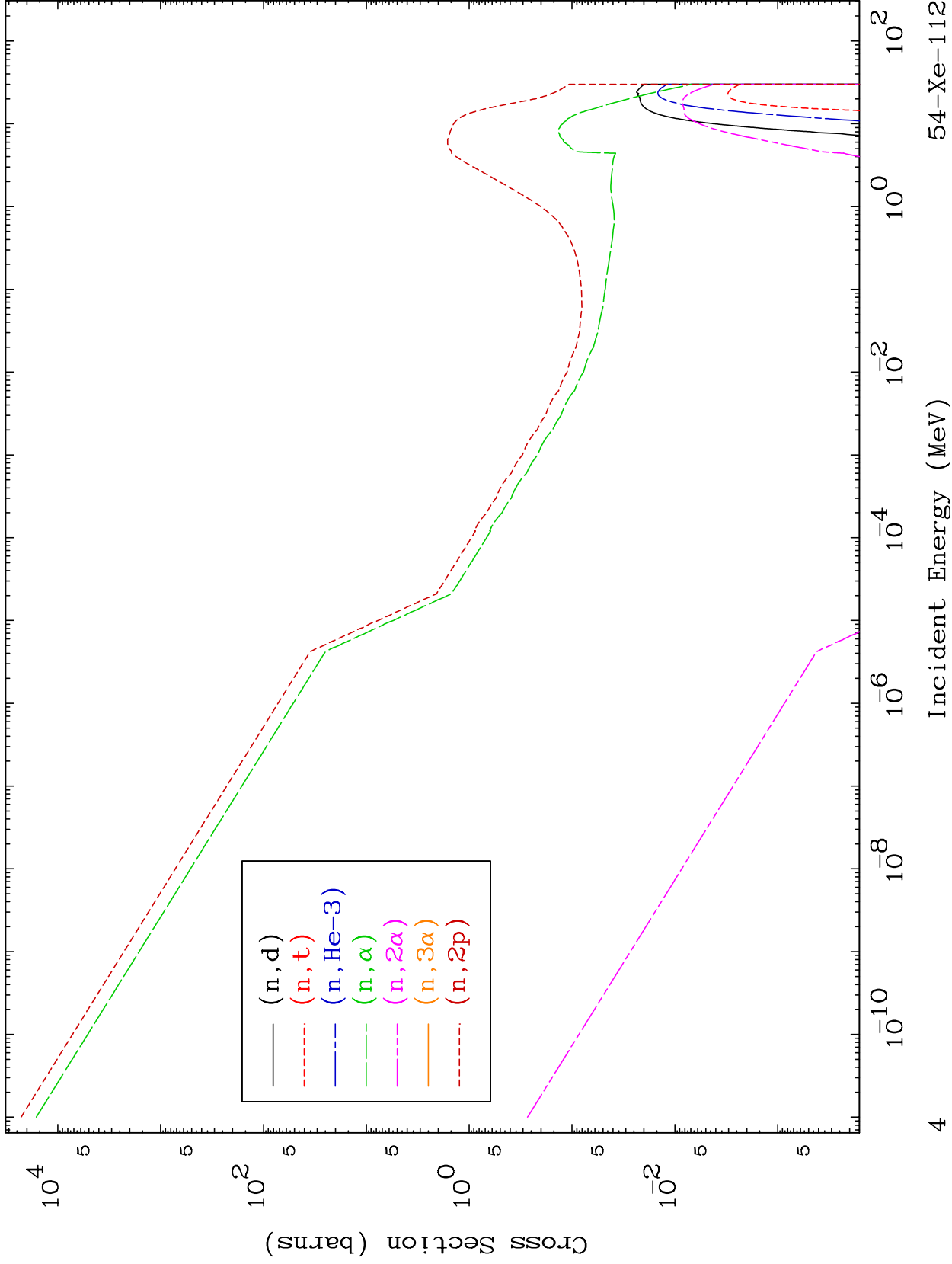


MAT 5389

Neutron Absorption  
293 Kelvin Cross Sections

54-Xe-112

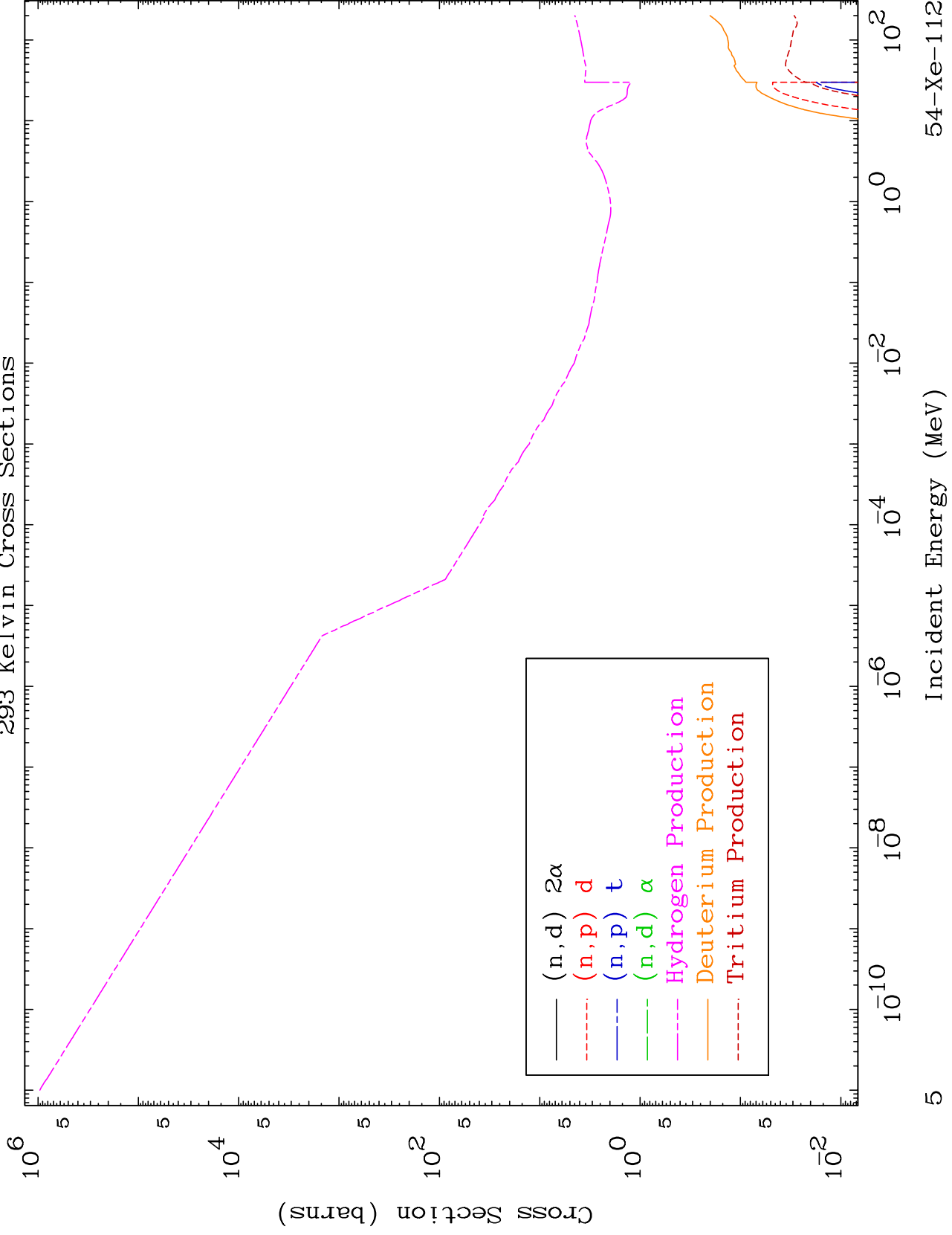




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Neutron Absorption  
293 Kelvin Cross Sections

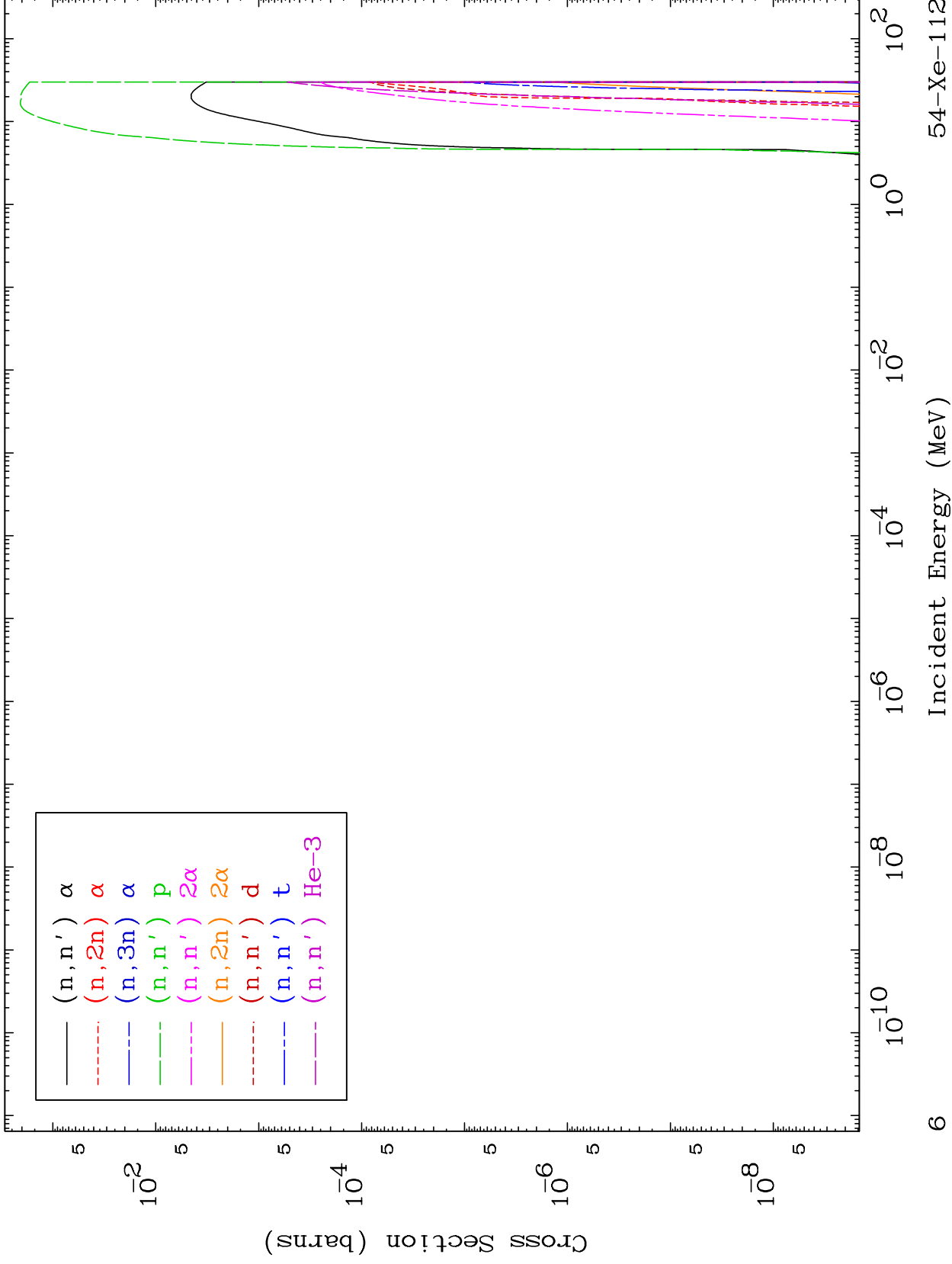
54-Xe-112



MAT 5389

Charged Particle  
293 Kelvin Cross Sections

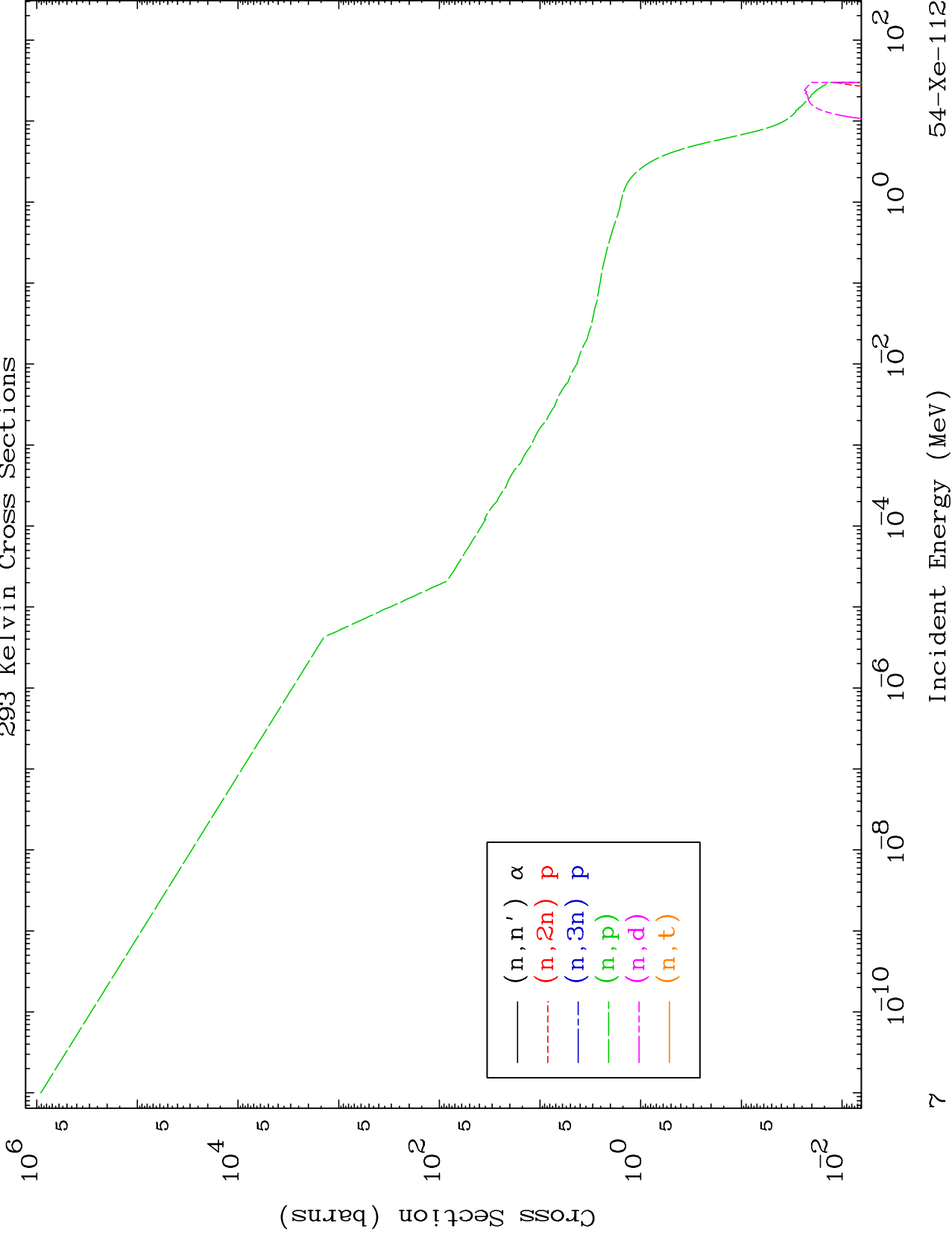
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MAT 5389

Charged Particle  
293 Kelvin Cross Sections

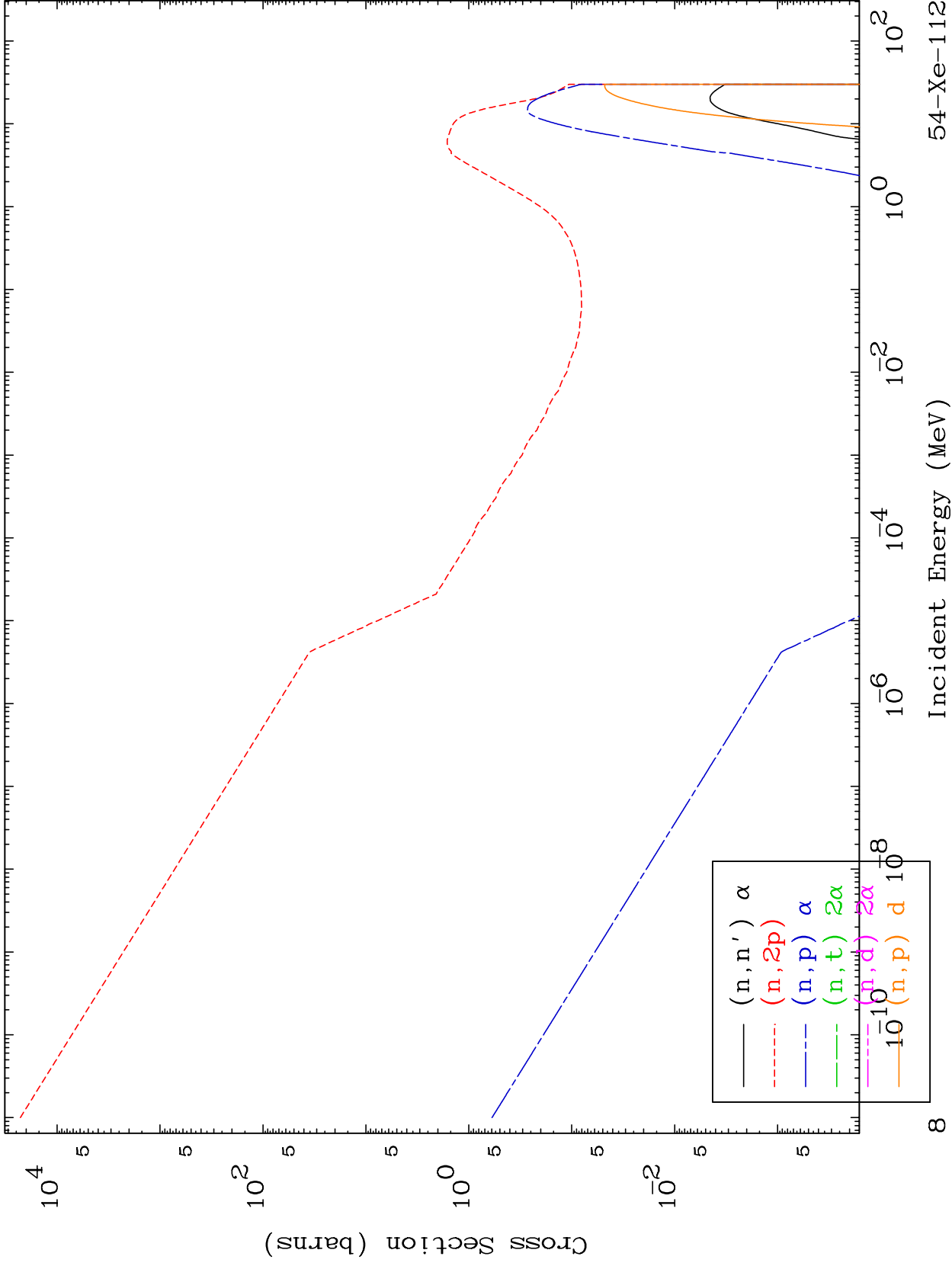
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MAT 5389

Charged Particle  
293 Kelvin Cross Sections

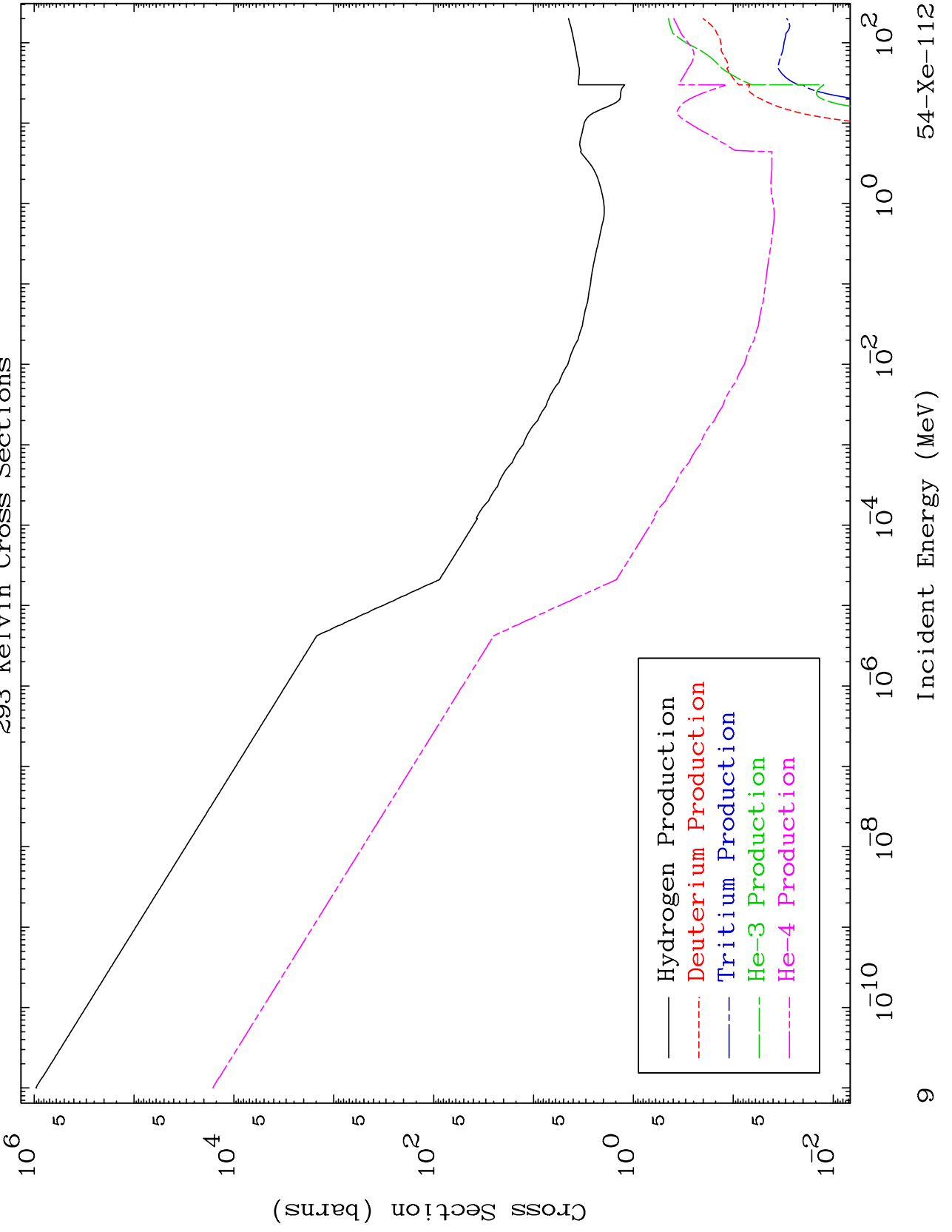
54-Xe-112



MAT 5389

Particle Production  
293 Kelvin Cross Sections

54-Xe-112

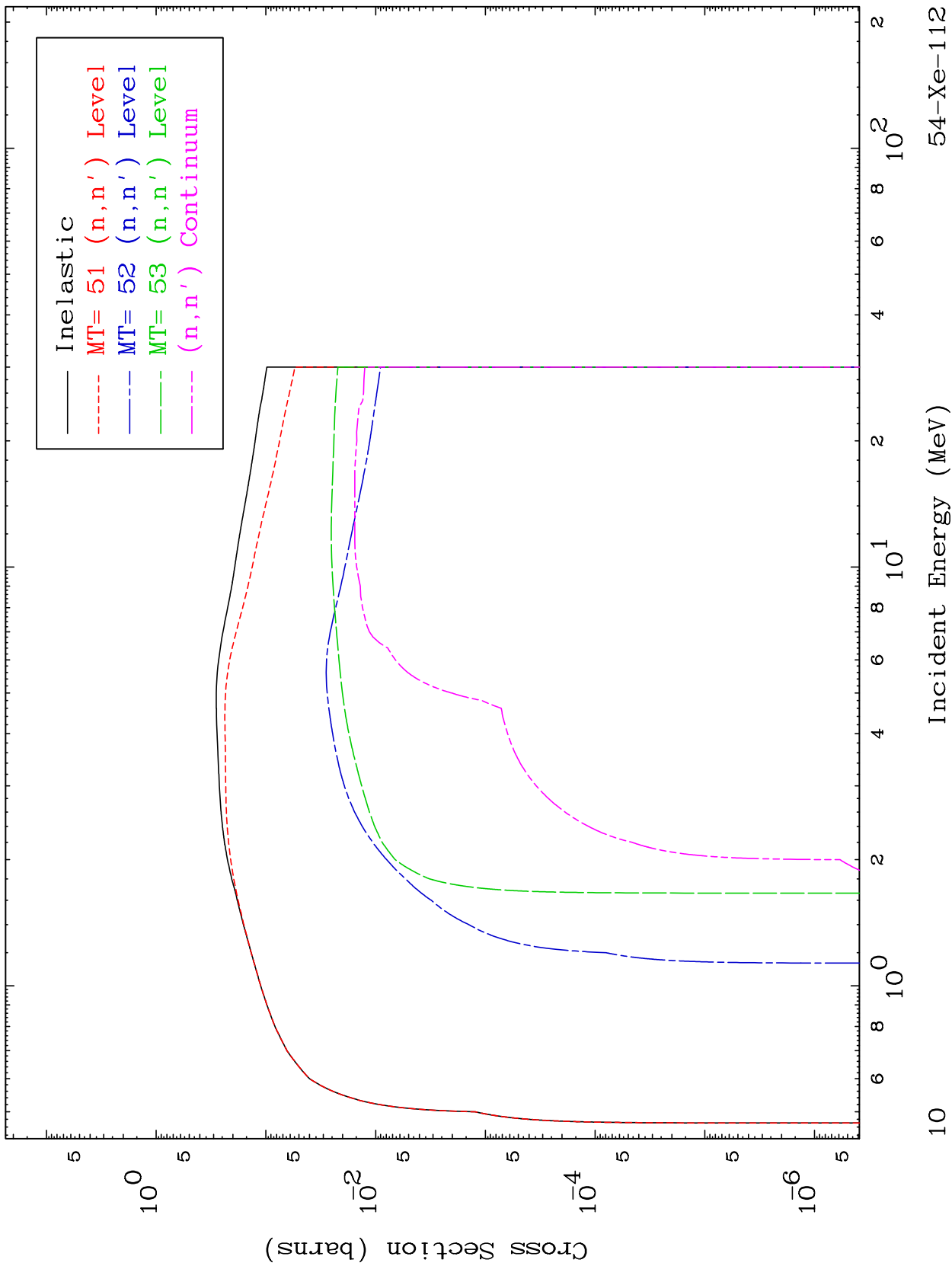


MAT 5389

(n,n') Levels

54-Xe-112

293 Kelvin Cross Sections



10

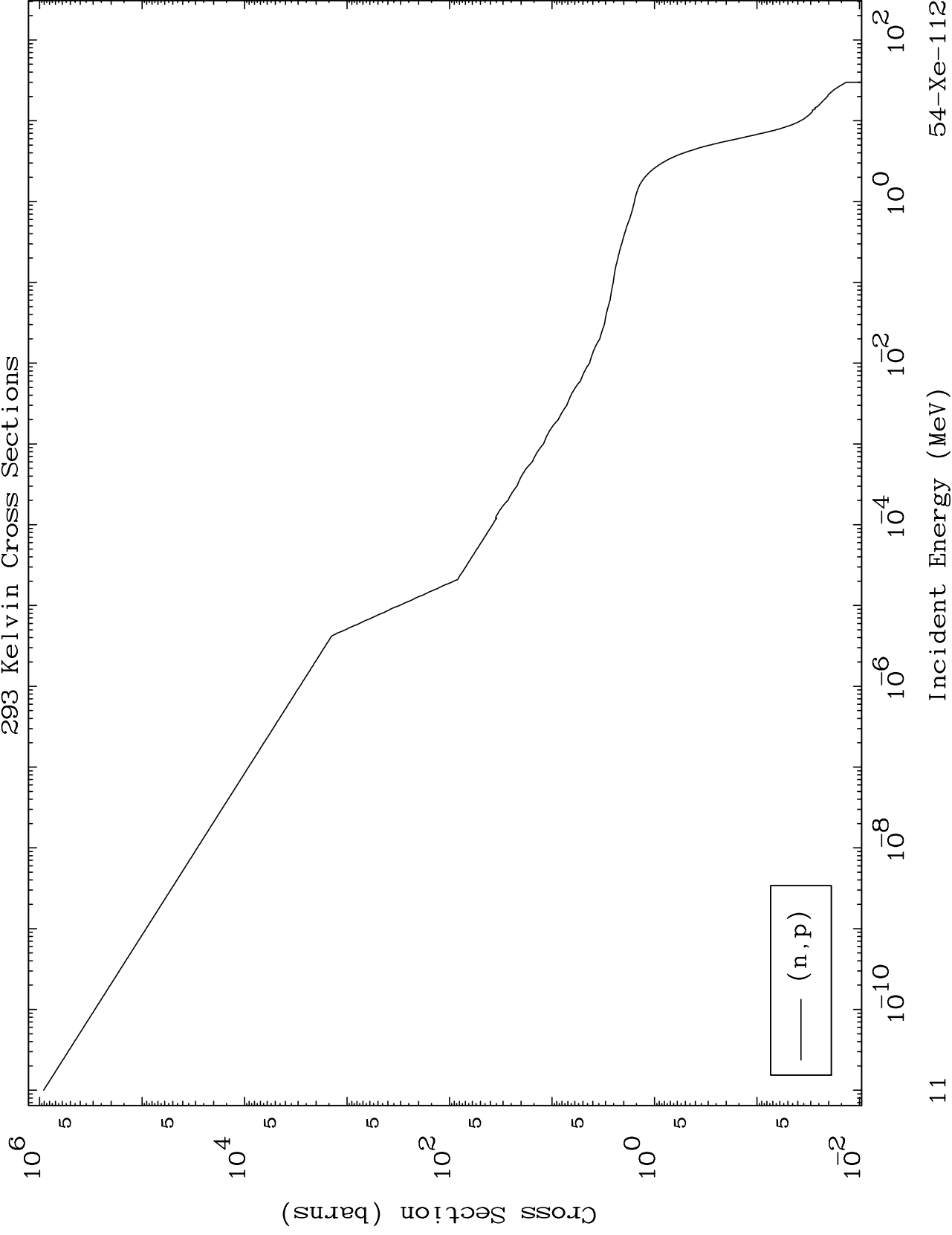
Incident Energy (MeV)

54-Xe-112

MAT 5389

(n,p) Levels  
293 Kelvin Cross Sections

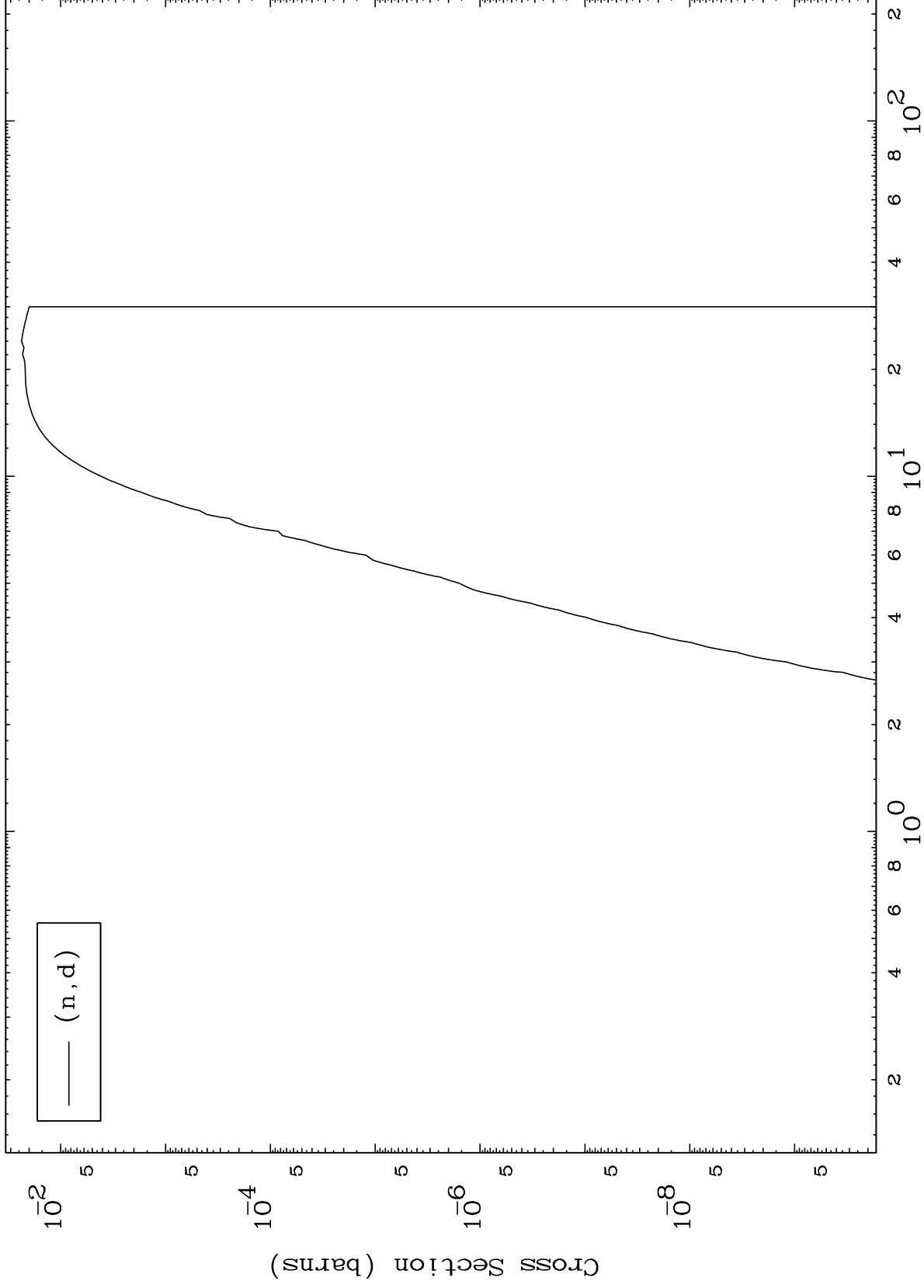
54-Xe-112



MAT 5389

(n,d) Levels  
293 Kelvin Cross Sections

54-Xe-112



12

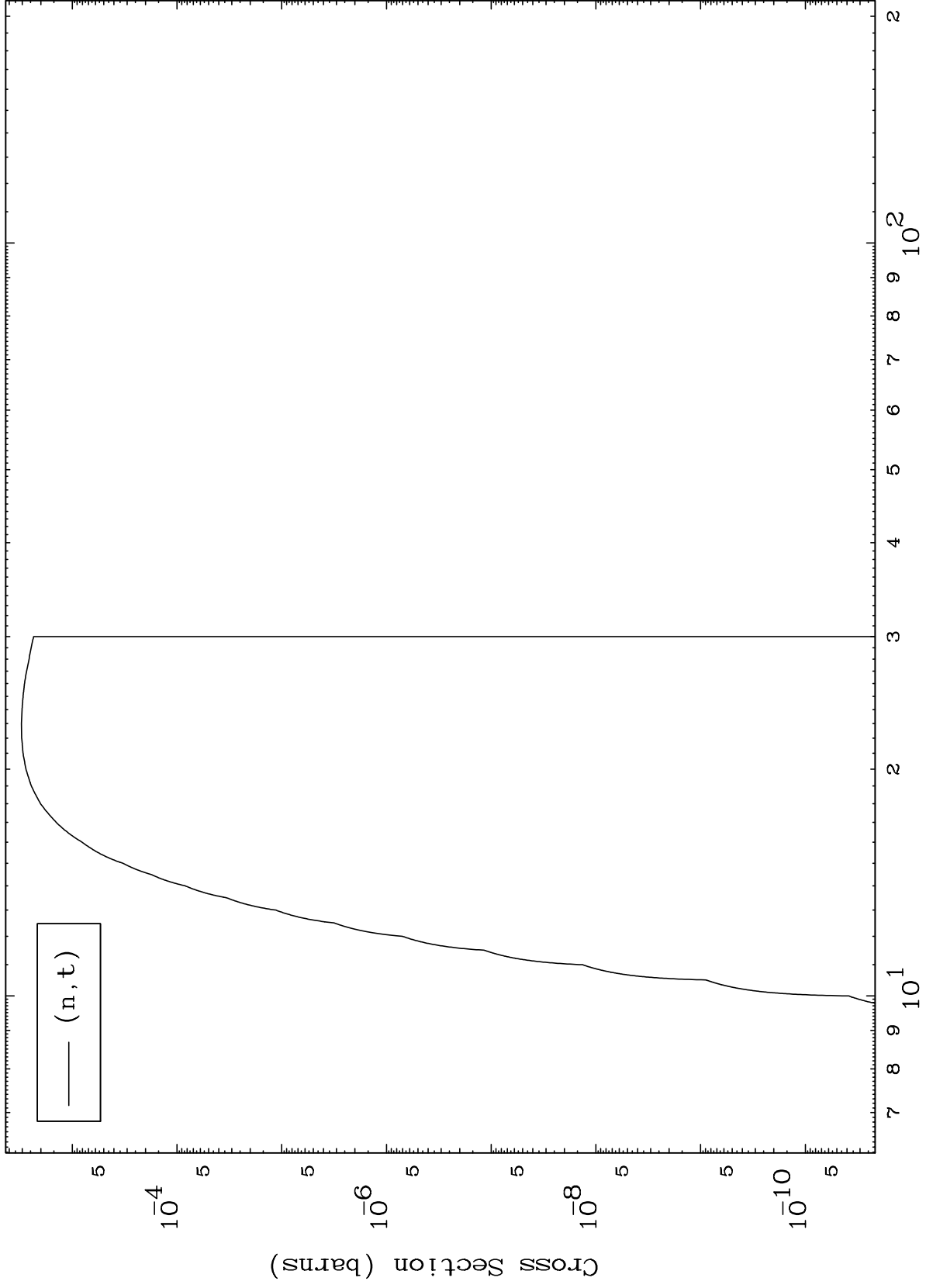
Incident Energy (MeV)

54-Xe-112

MAT 5389

(n,t) Levels  
293 Kelvin Cross Sections

54-Xe-112



13

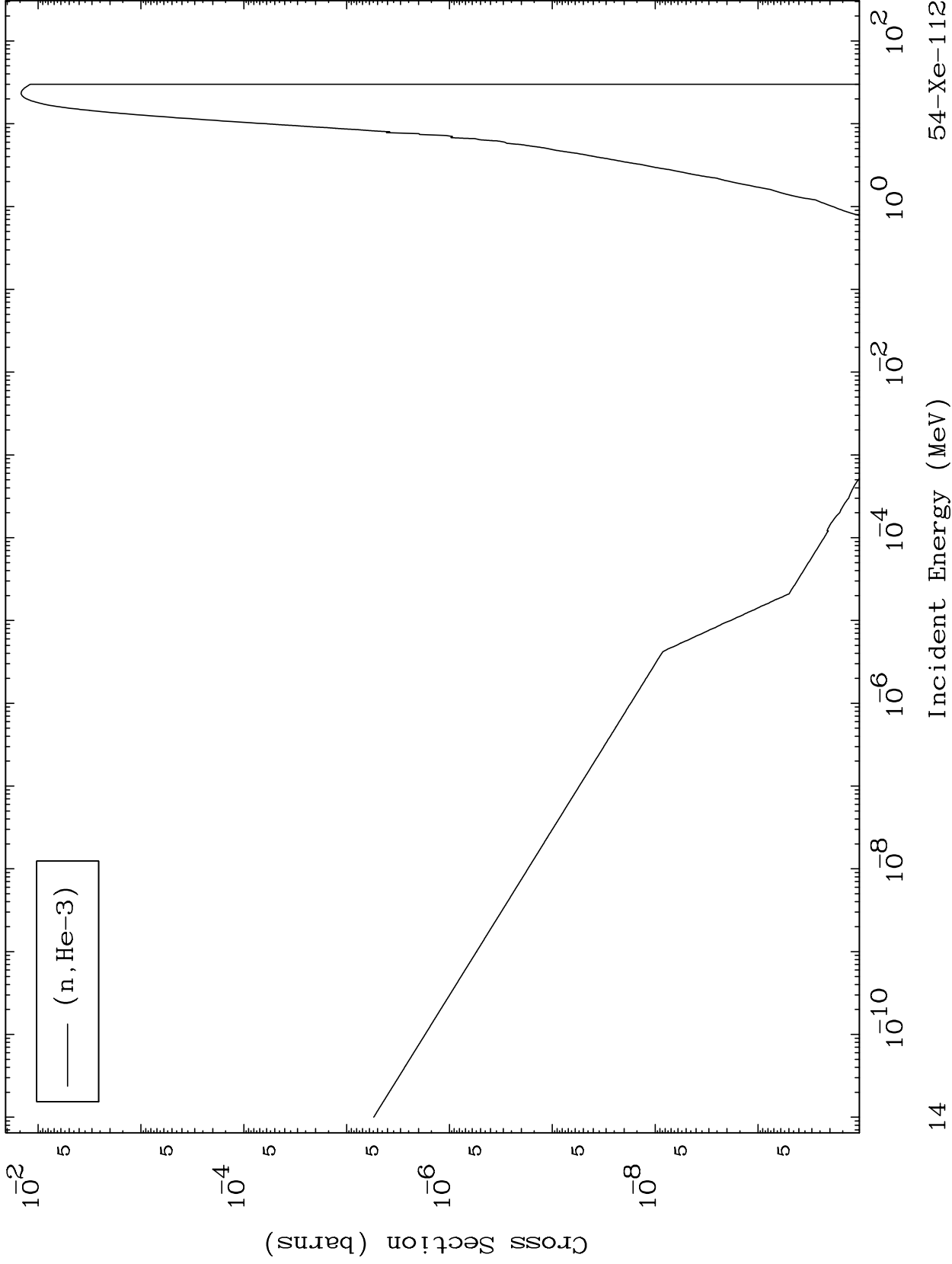
Incident Energy (MeV)

54-Xe-112

MAT 5389

(n,He3) Levels  
293 Kelvin Cross Sections

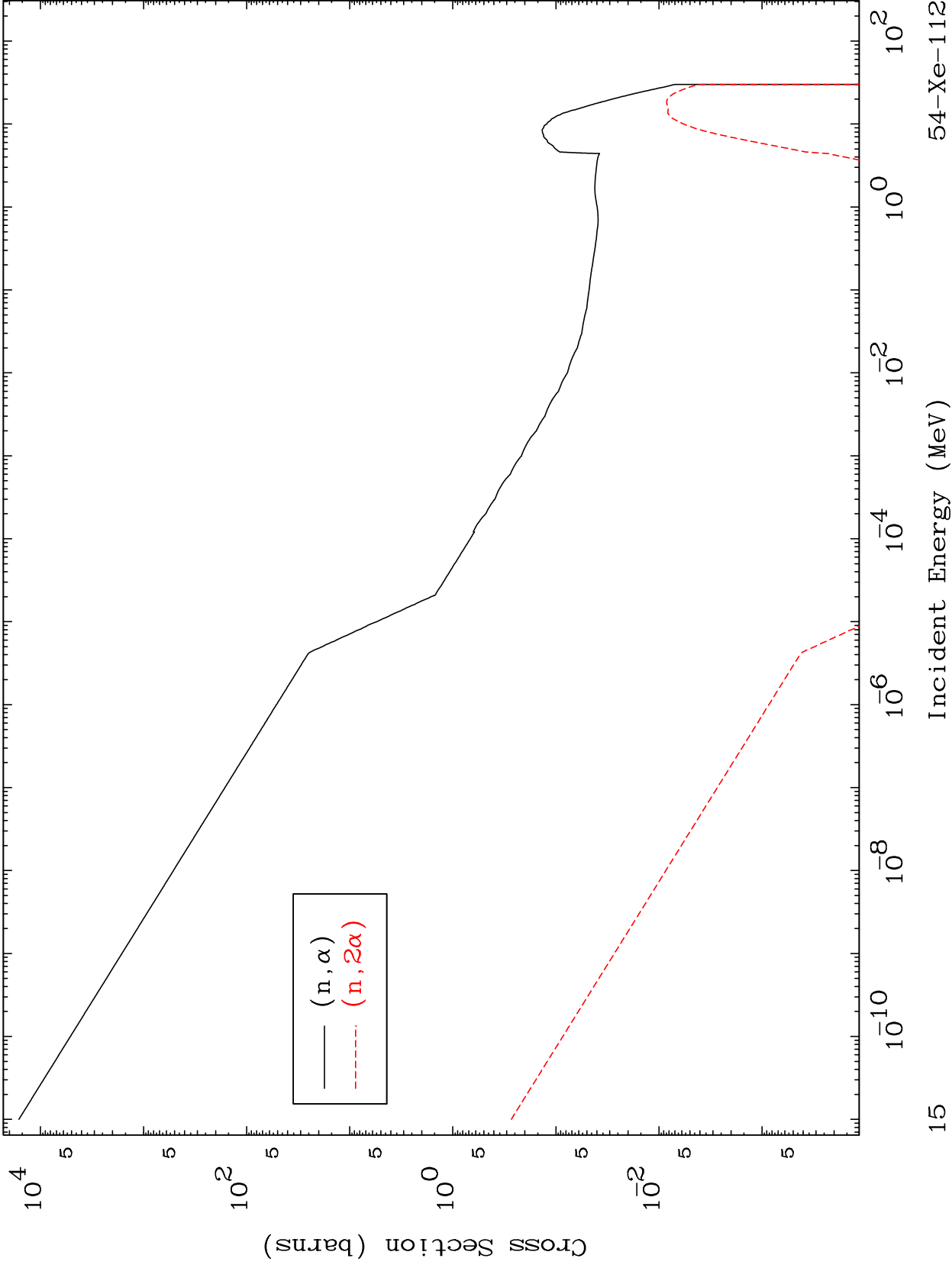
54-Xe-112



MAT 5389

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

54-Xe-112



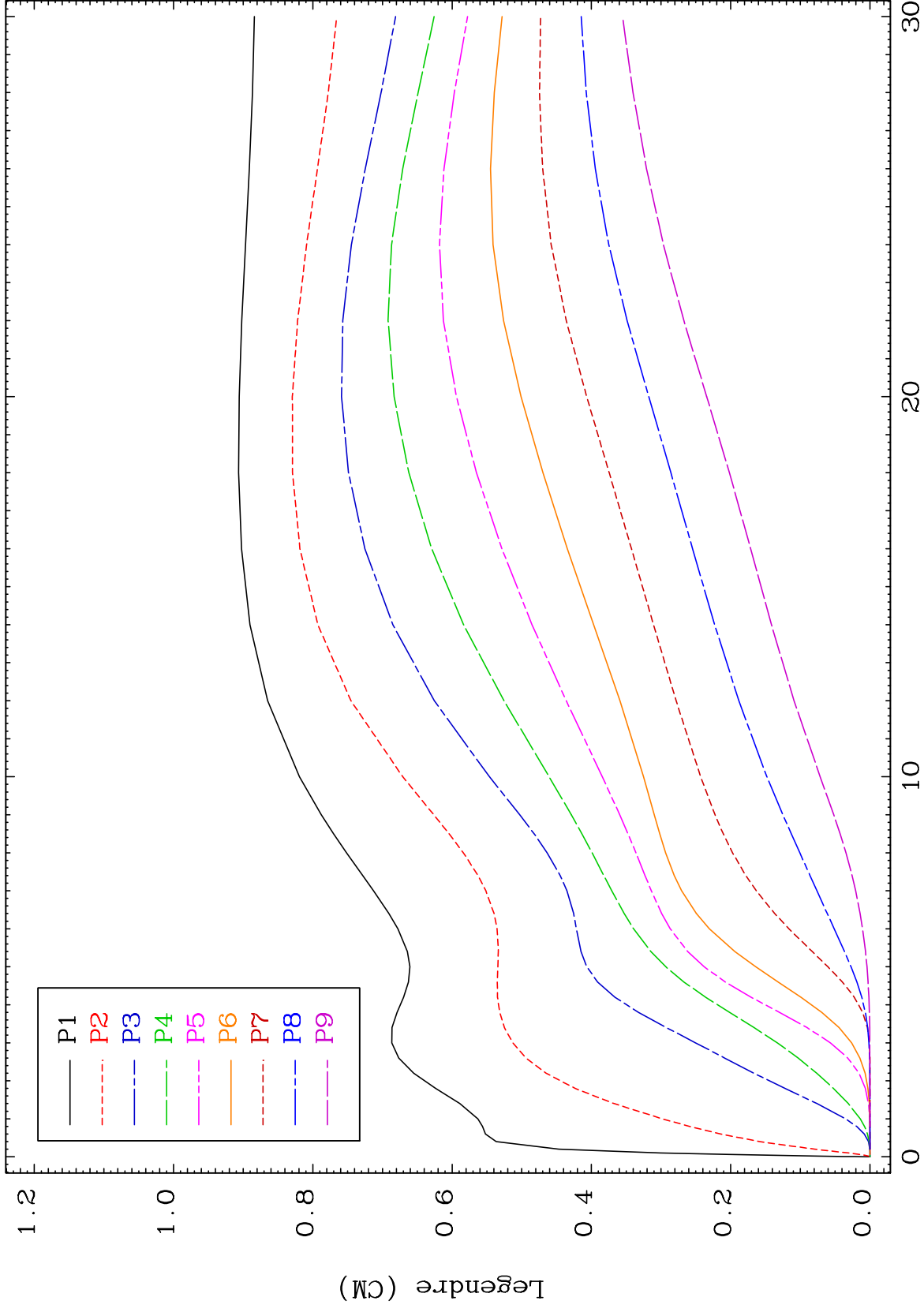
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54-Xe-112

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Elastic Legendre Coefficients

54-Xe-112



16

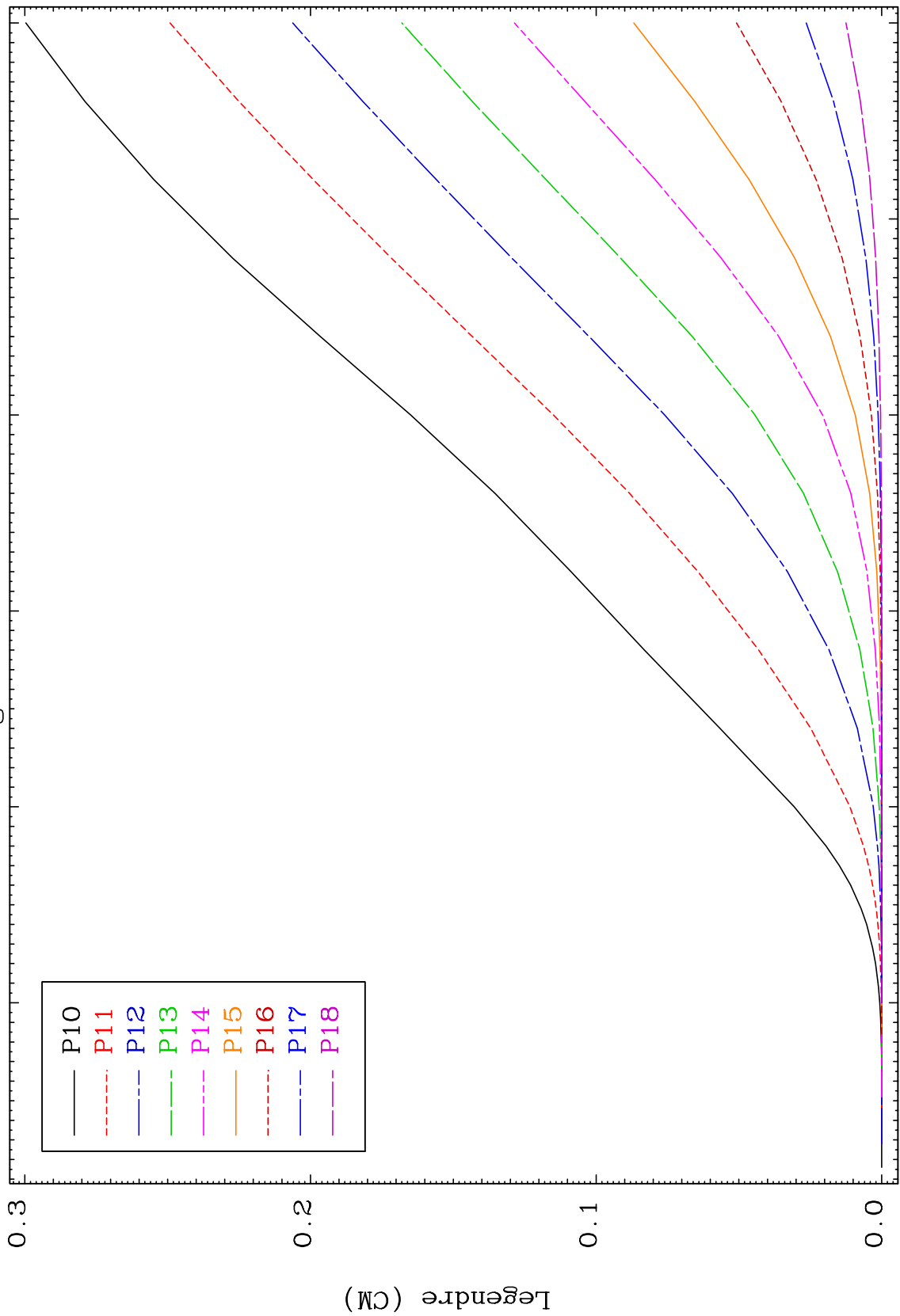
Incident Energy (MeV)

54-Xe-112

MAT 5389

Elastic Legendre Coefficients

54-Xe-112



17

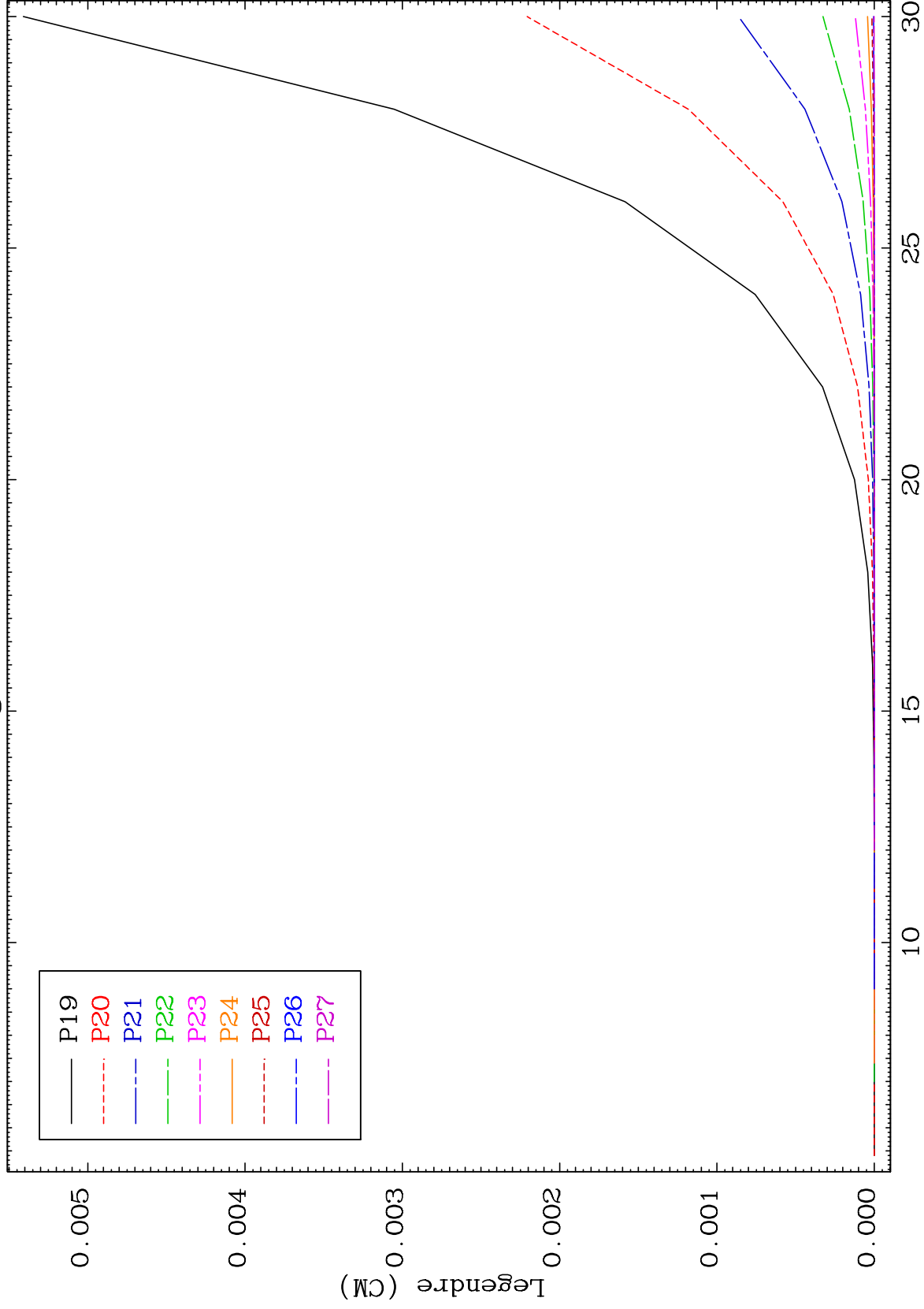
Incident Energy (MeV)

54-Xe-112

MAT 5389

Elastic Legendre Coefficients

54-Xe-112



18

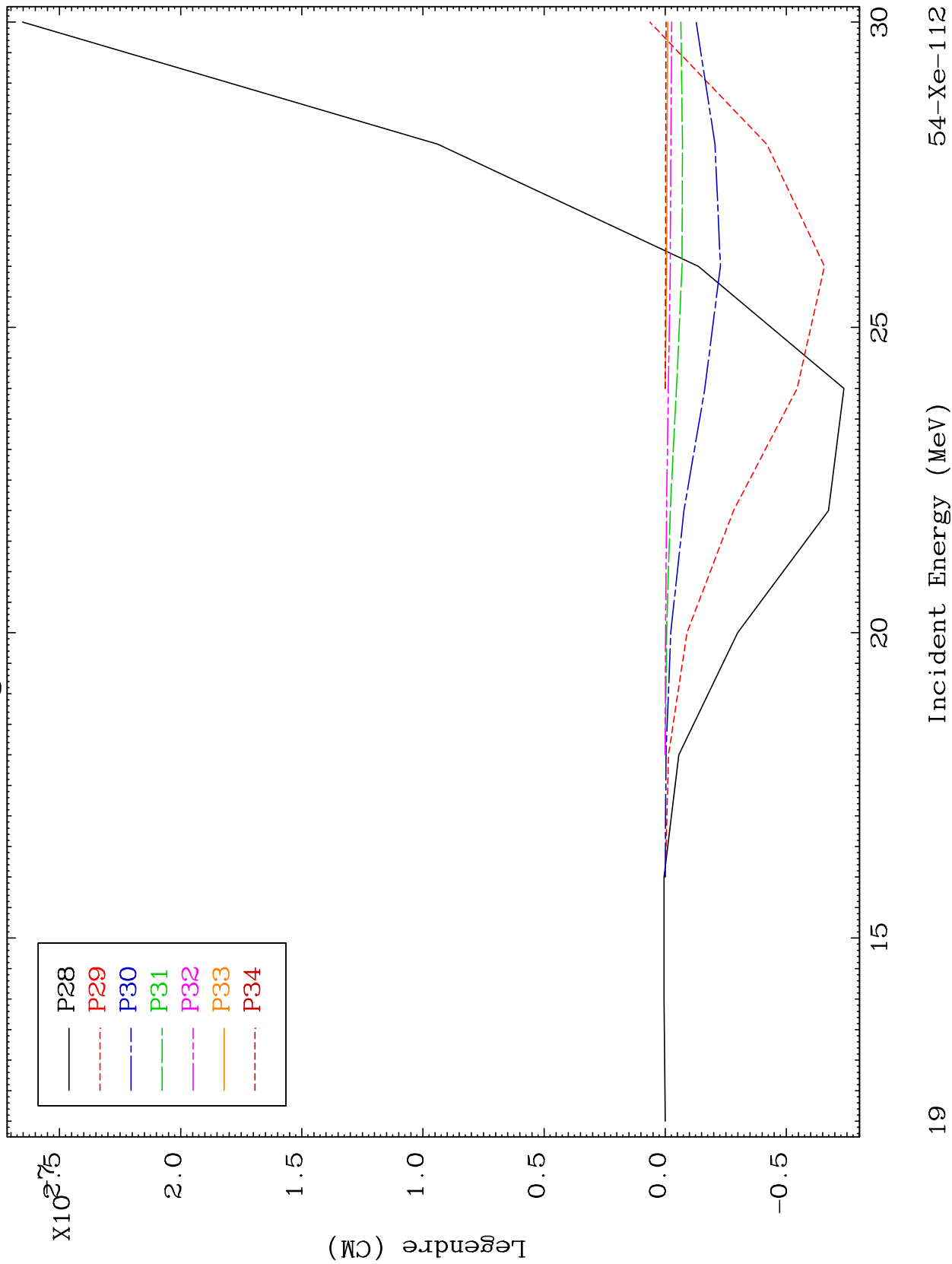
Incident Energy (MeV)

54-Xe-112

MAT 5389

Elastic Legendre Coefficients

54-Xe-112



19

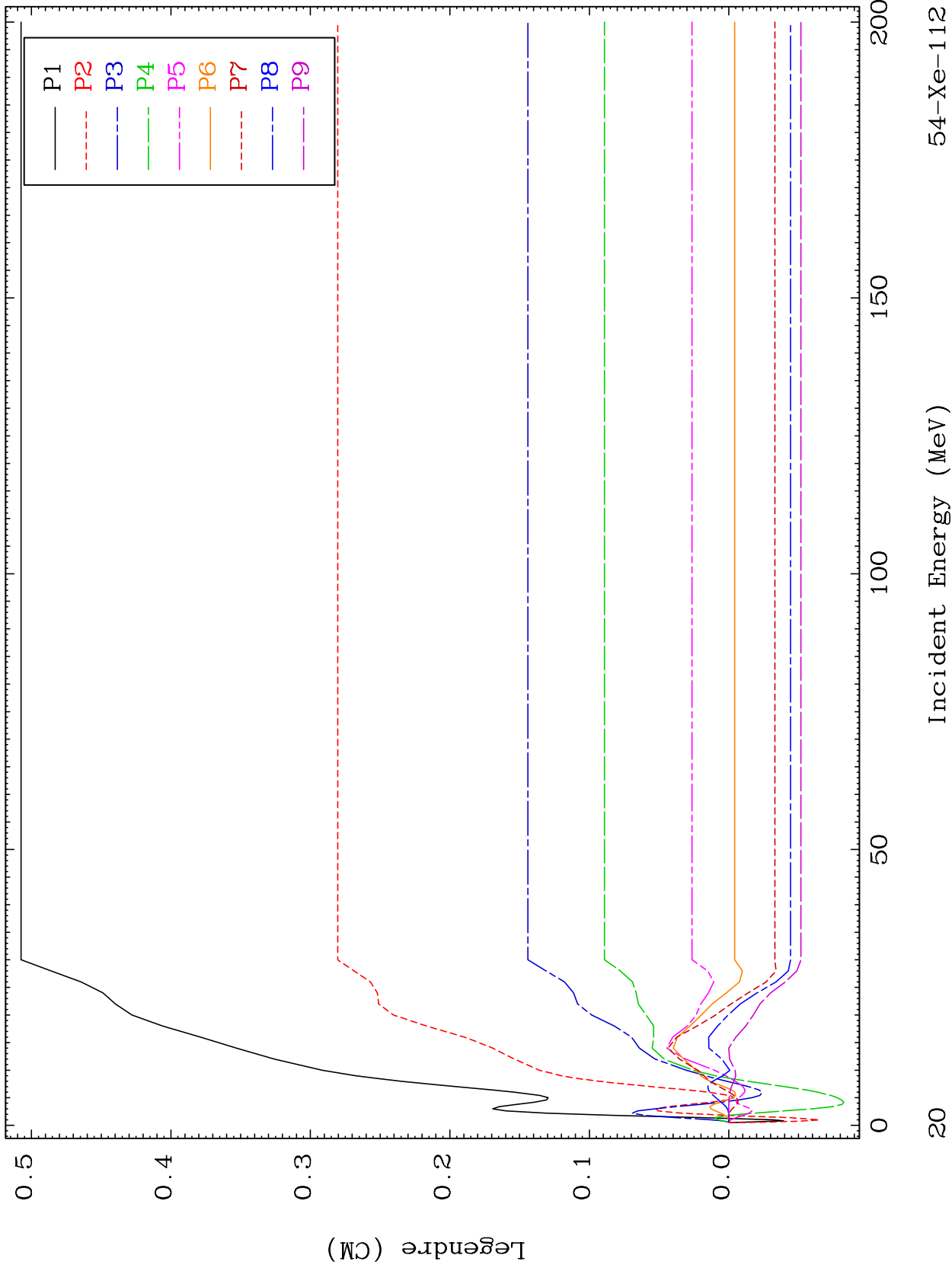
Incident Energy (MeV)

54-Xe-112

MAT 5389

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

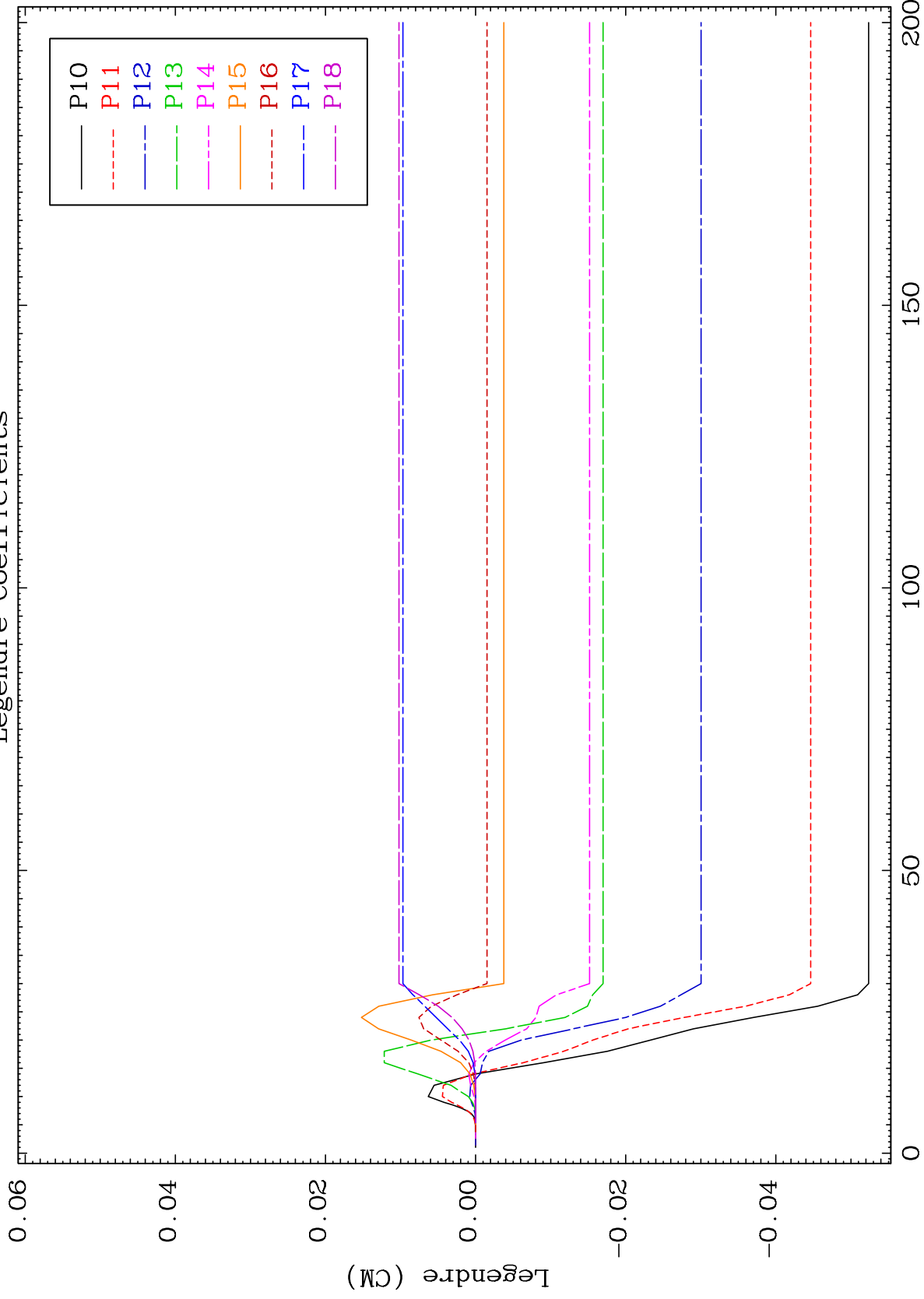
54-Xe-112



MAT 5389

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

54-Xe-112



21

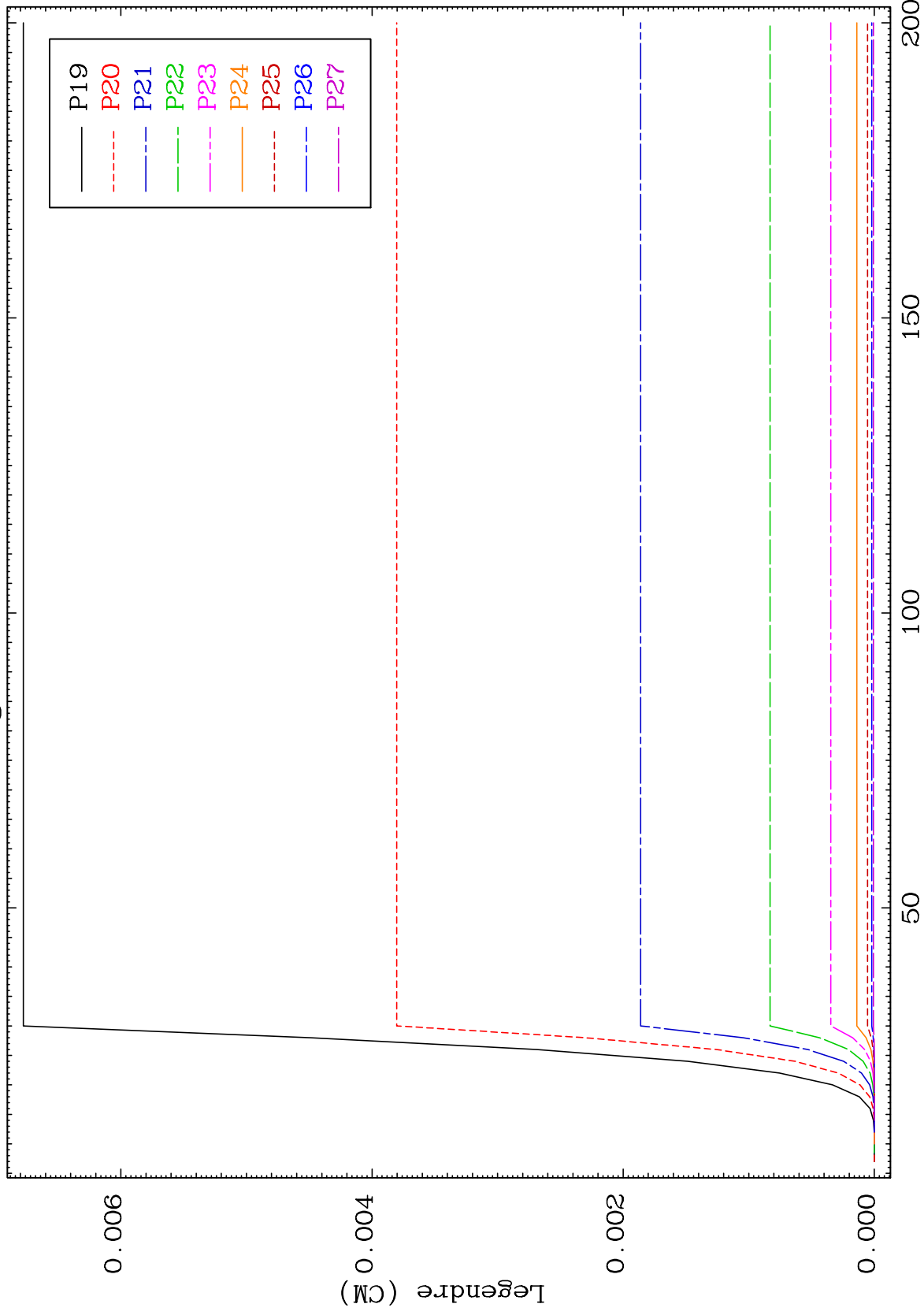
Incident Energy (MeV)

54-Xe-112

MAT 5389

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

54-Xe-112



22

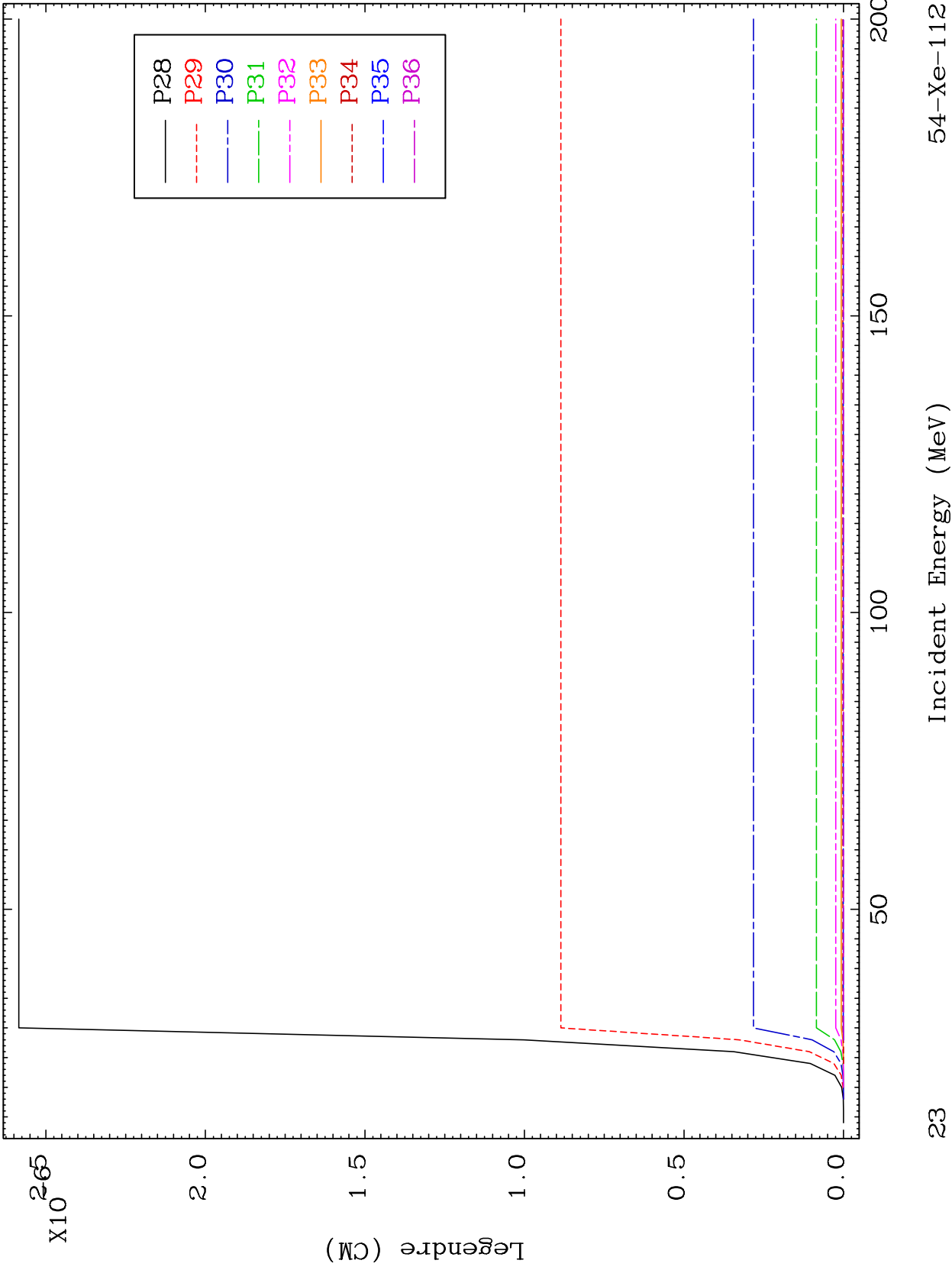
Incident Energy (MeV)

54-Xe-112

MAT 5389

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

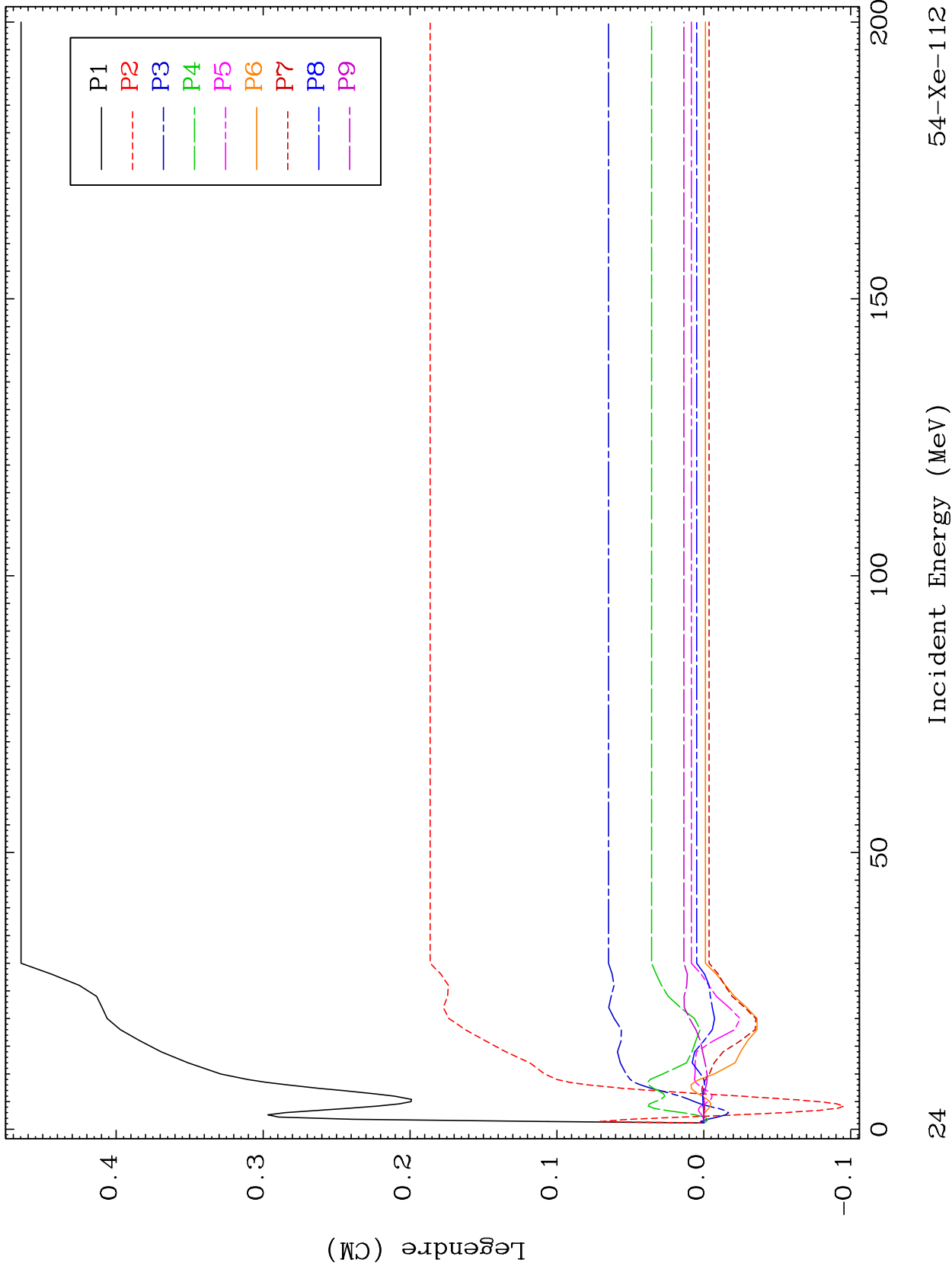
54-Xe-112



MAT 5389

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

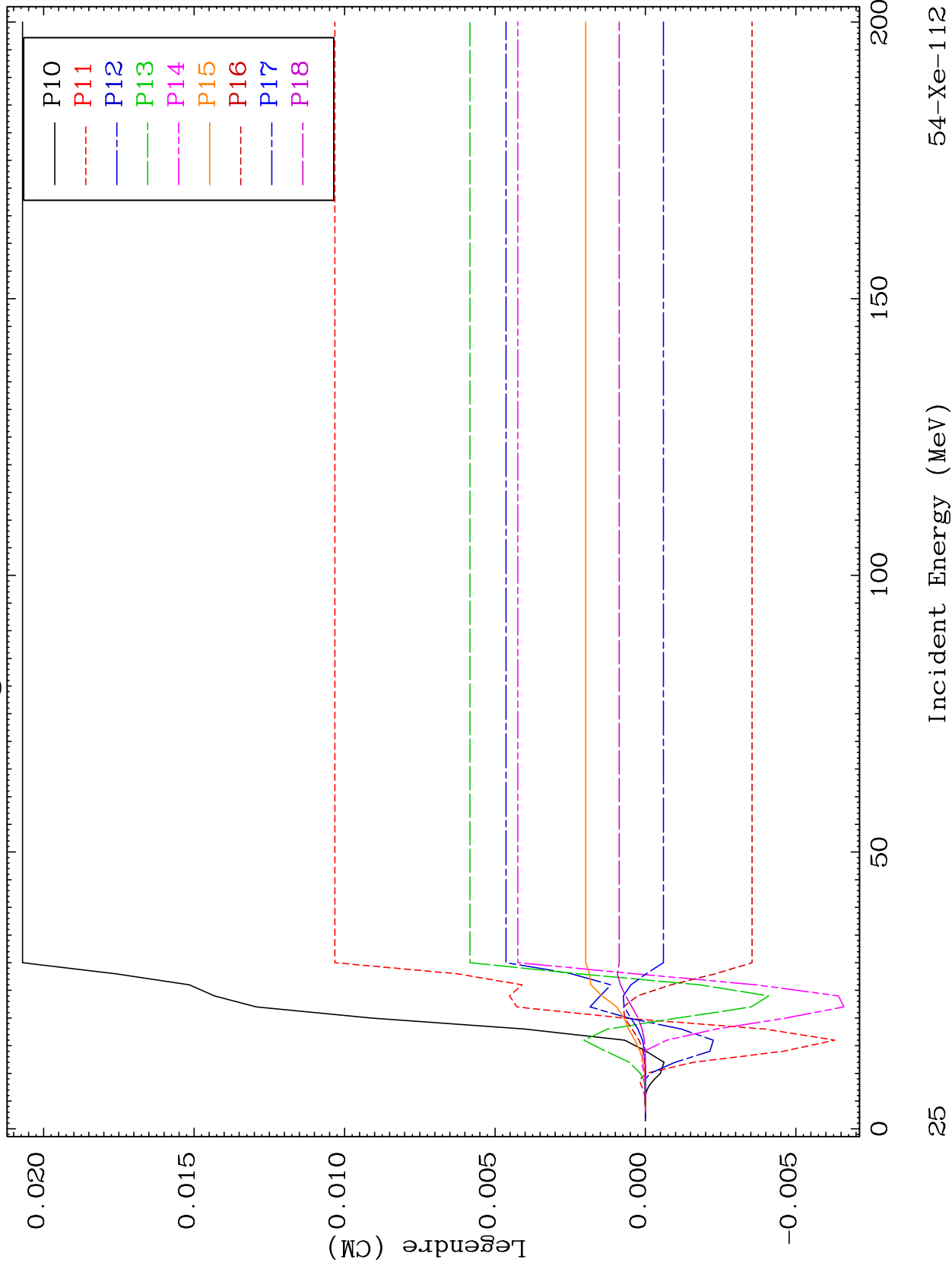
54-Xe-112



MAT 5389

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

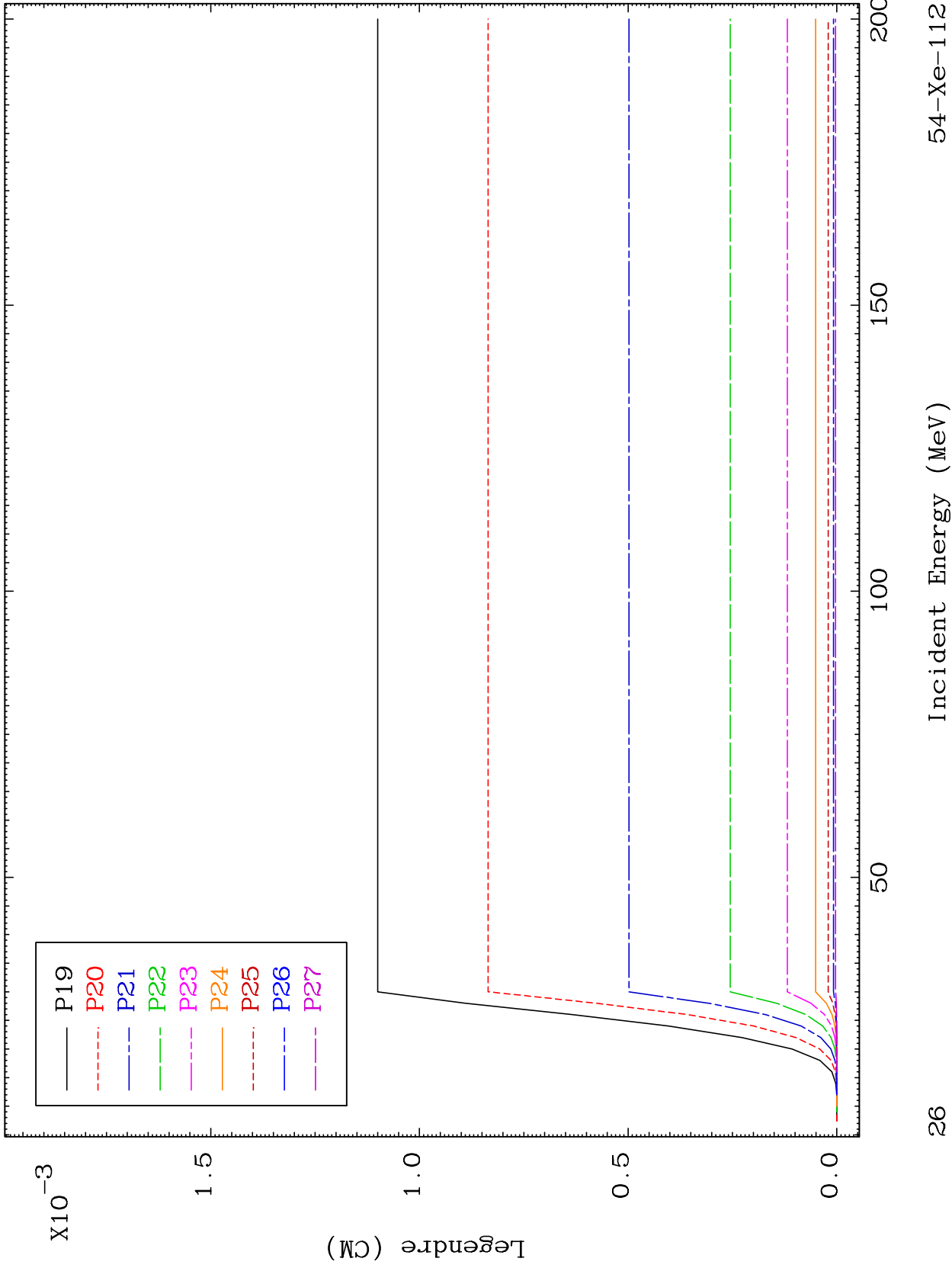
54-Xe-112



54-Xe-112

Incident Energy (MeV)

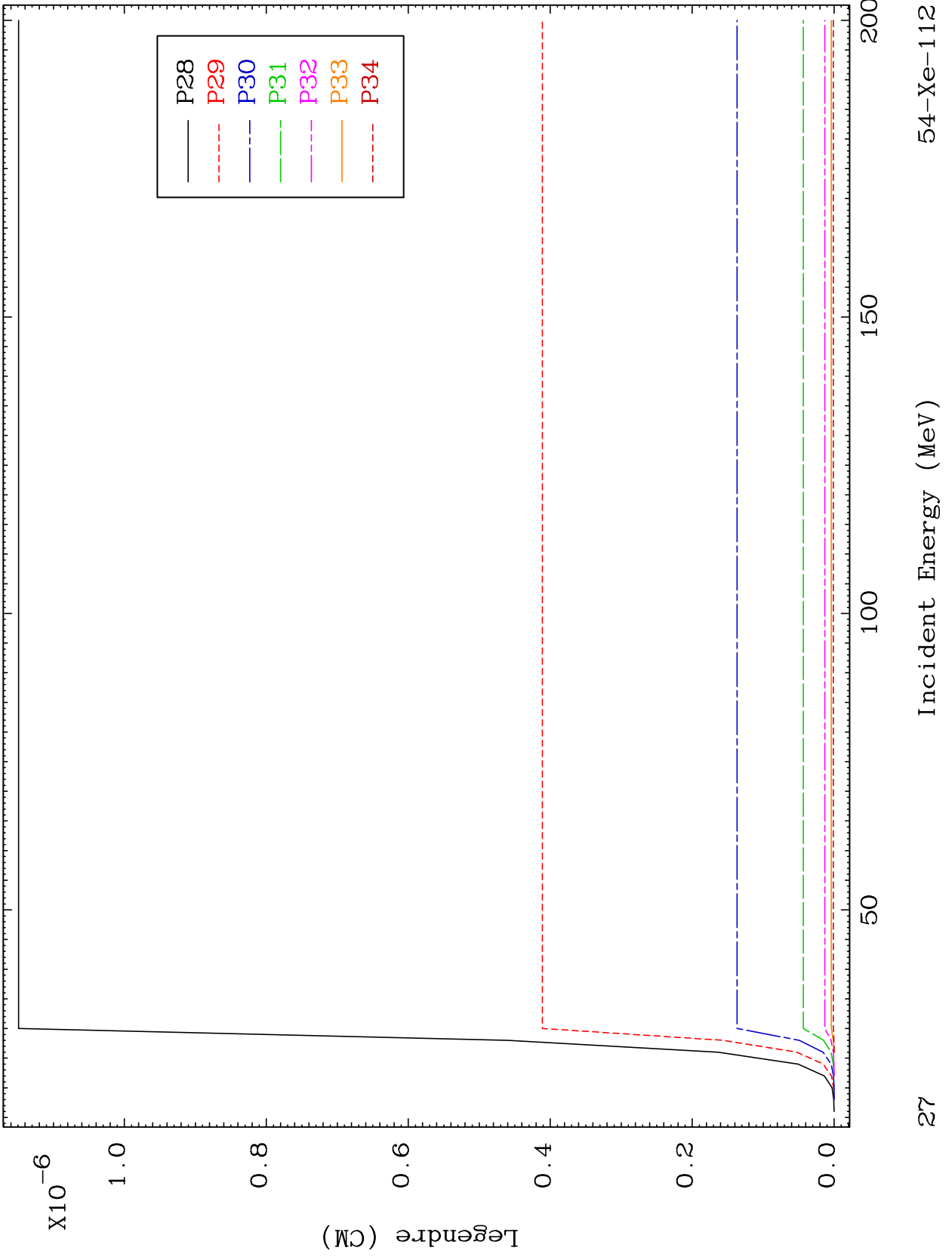
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MAT 5389

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

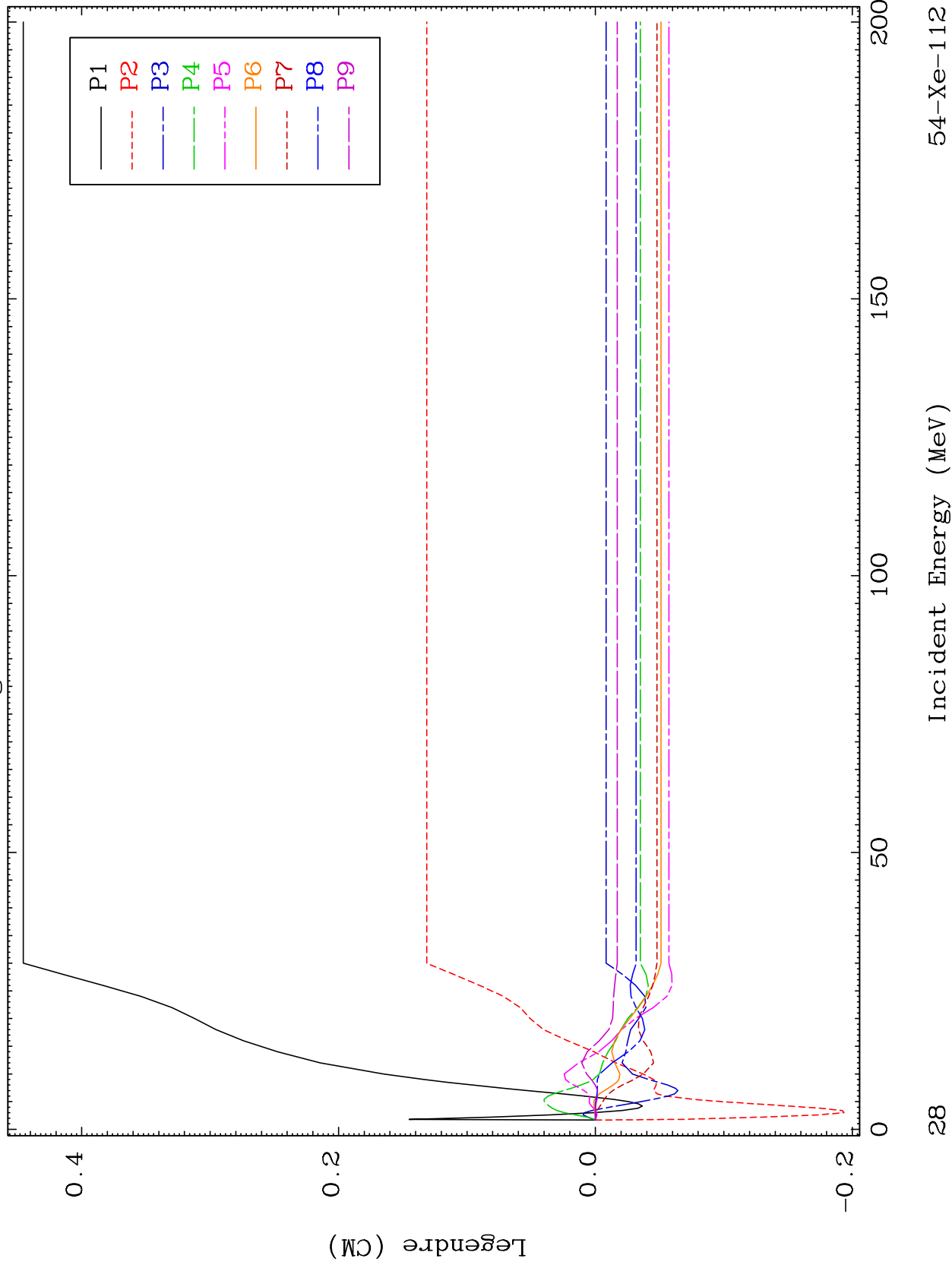
54-Xe-112



MAT 5389

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

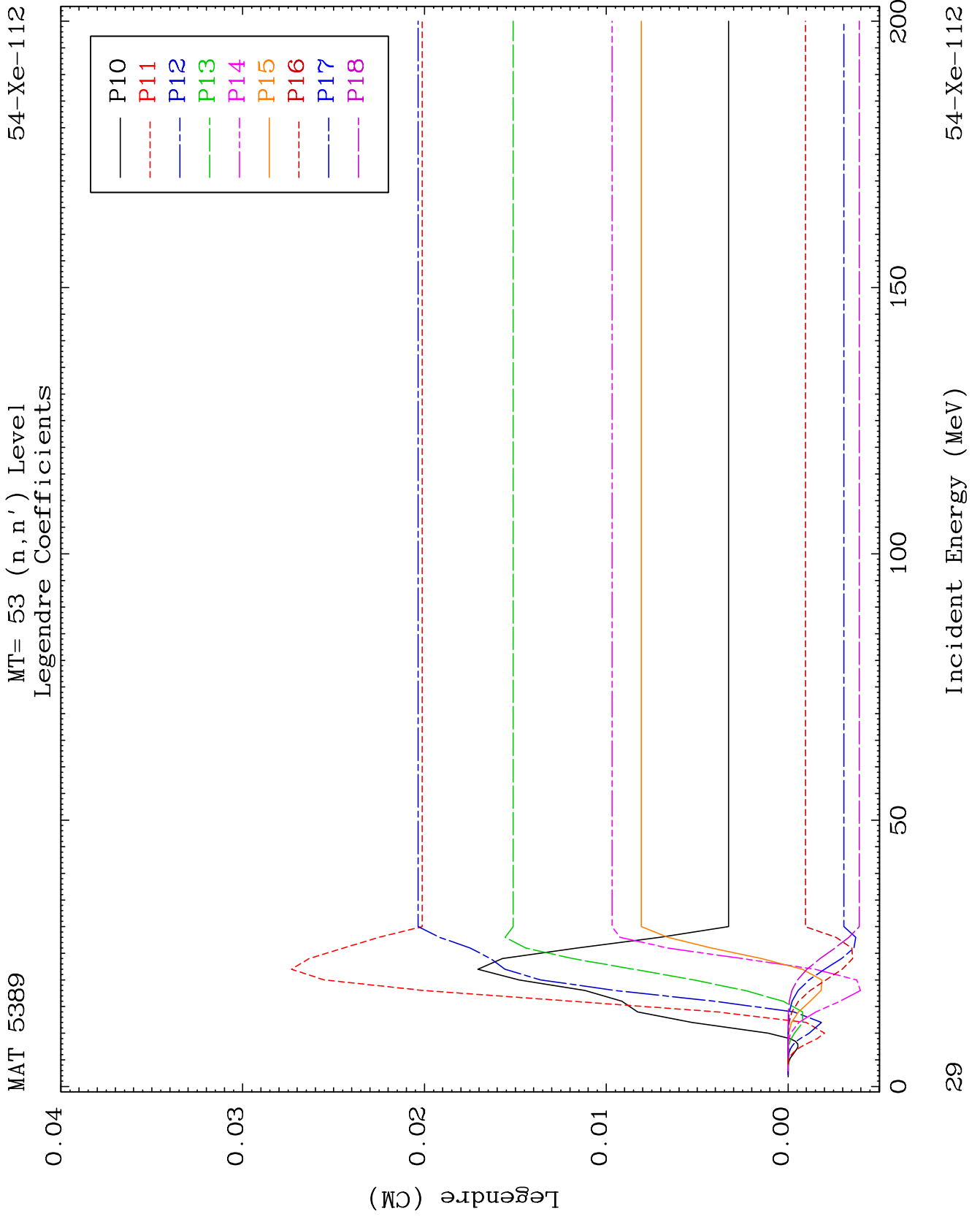
54-Xe-112



54-Xe-112

Incident Energy (MeV)

28

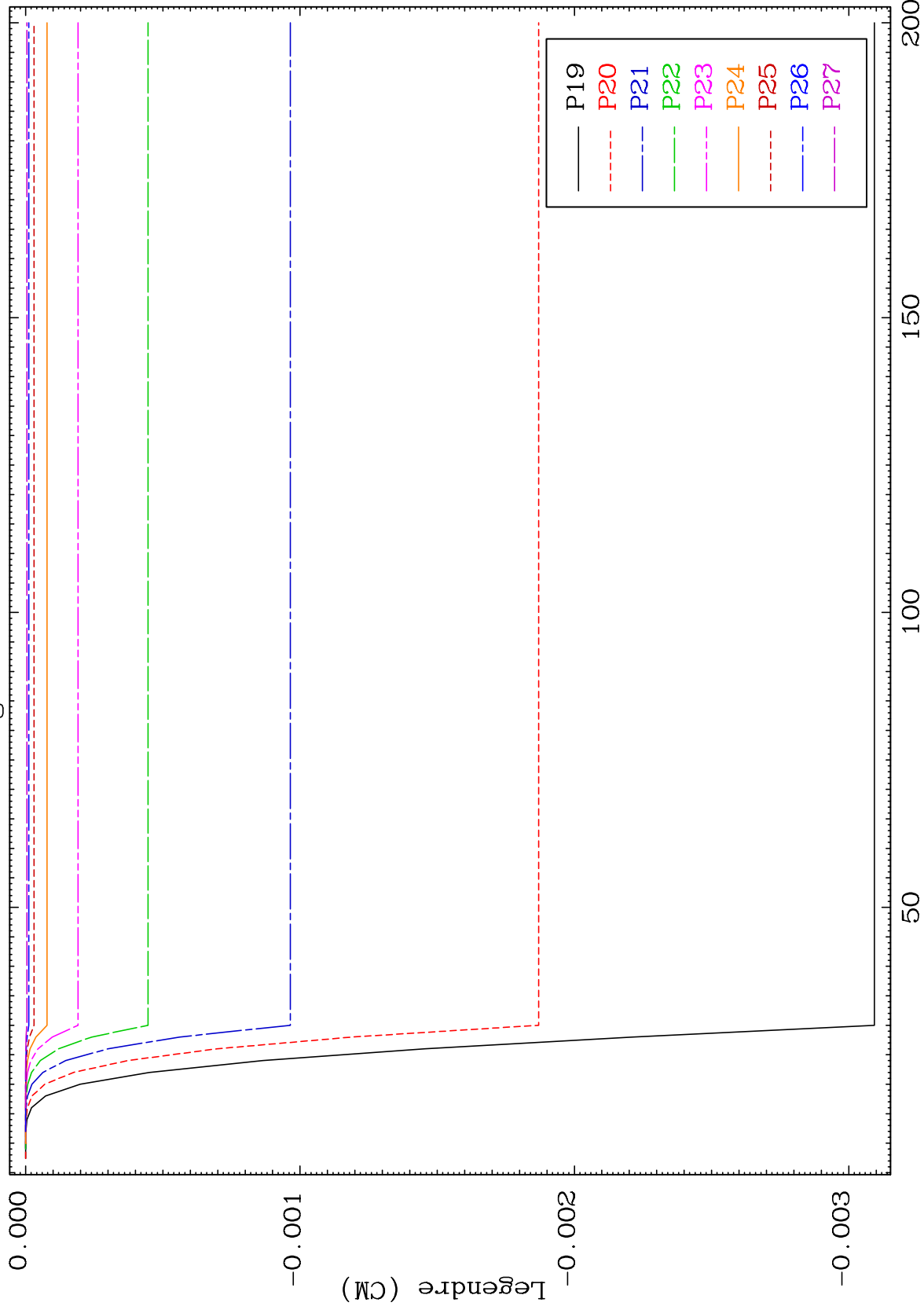


MAT 5389

MT= 53 (n,n') Level

54-Xe-112

Legendre Coefficients



54-Xe-112

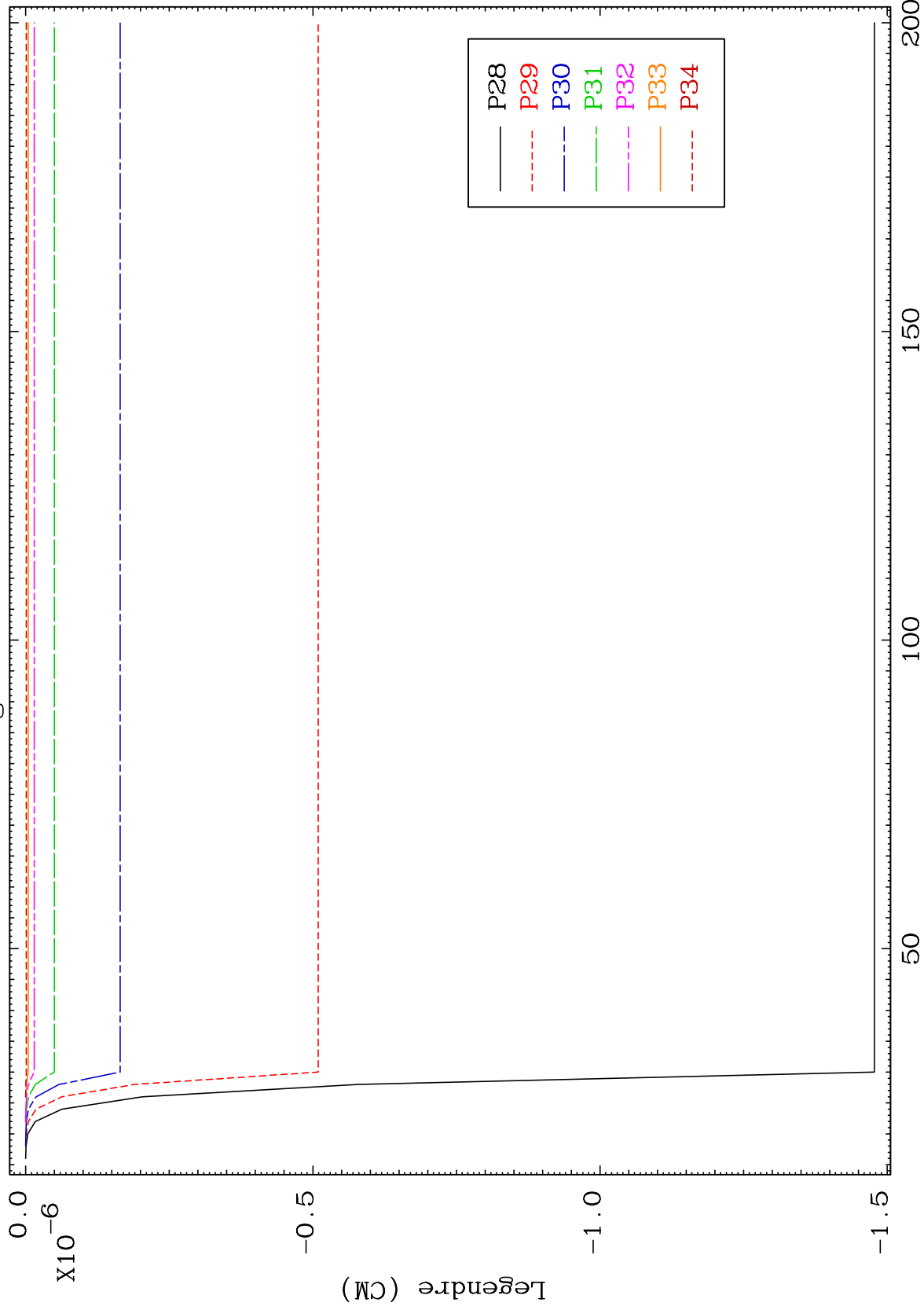
Incident Energy (MeV)

30

MAT 5389

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

54-Xe-112

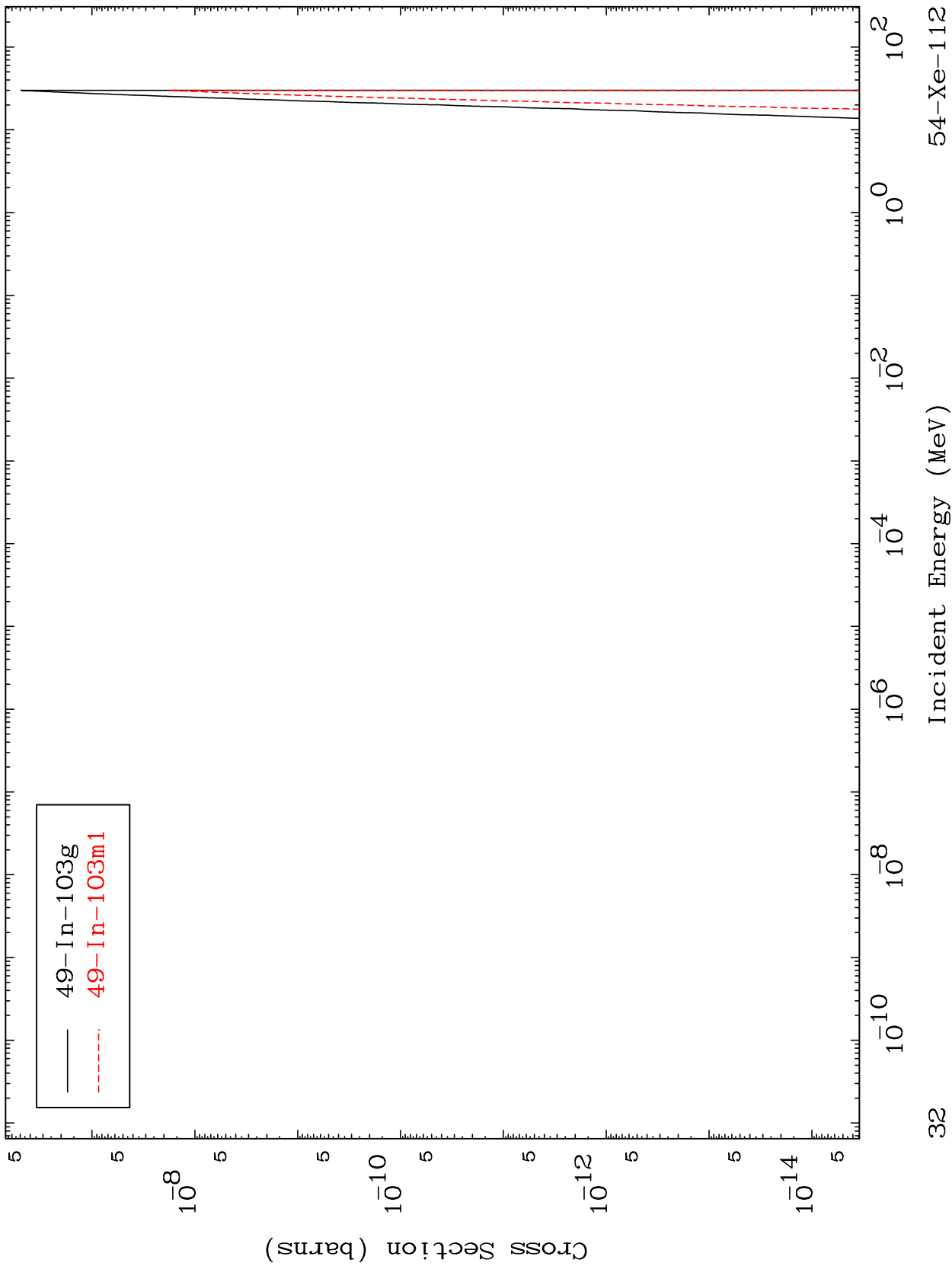


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(n,d) 2 $\alpha$

54-Xe-112

Radionuclide Production Cross Section



32

Incident Energy (MeV)

54-Xe-112