

Program EVALPLOT  
(Version 2017-1)

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

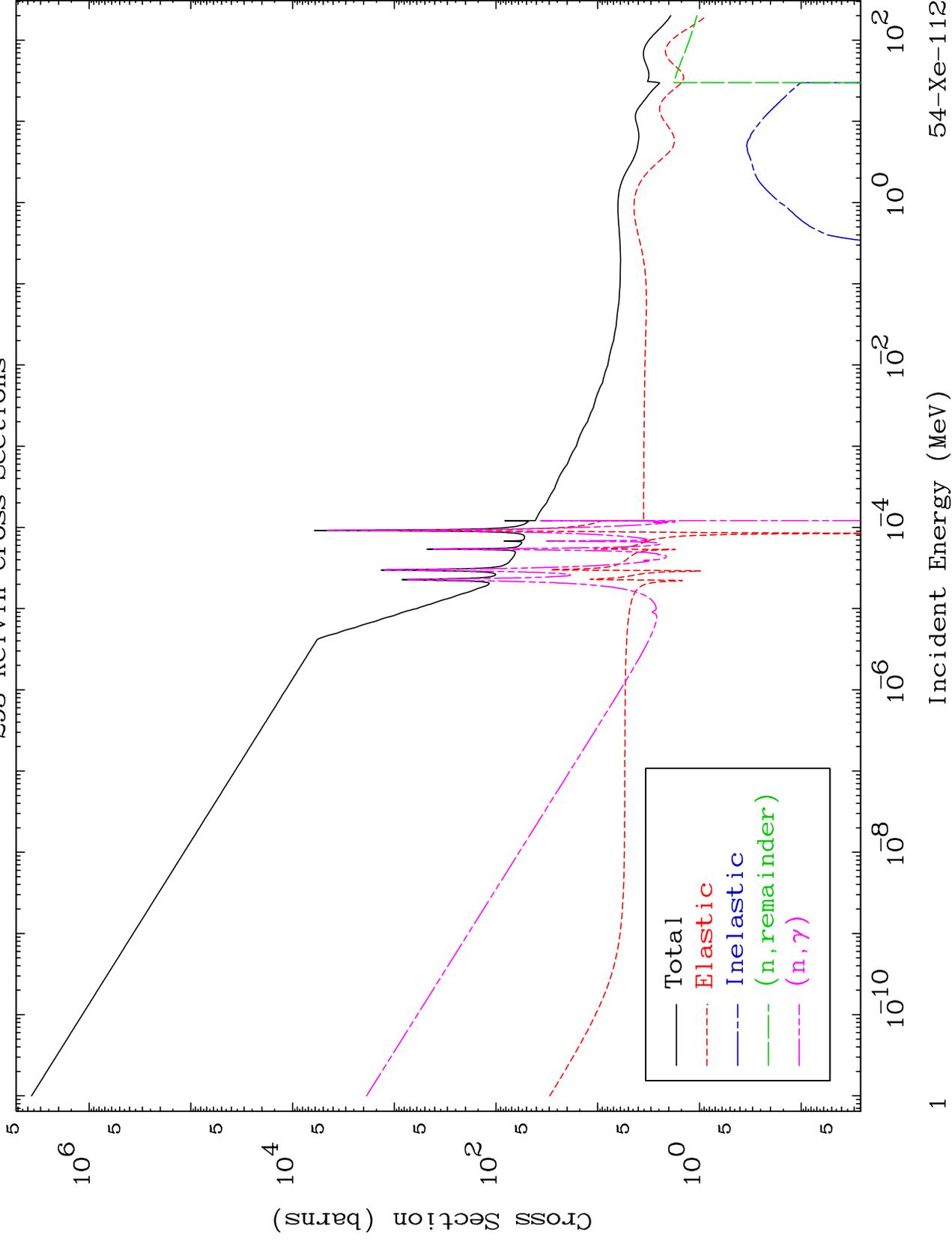
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5389

Major  
293 Kelvin Cross Sections

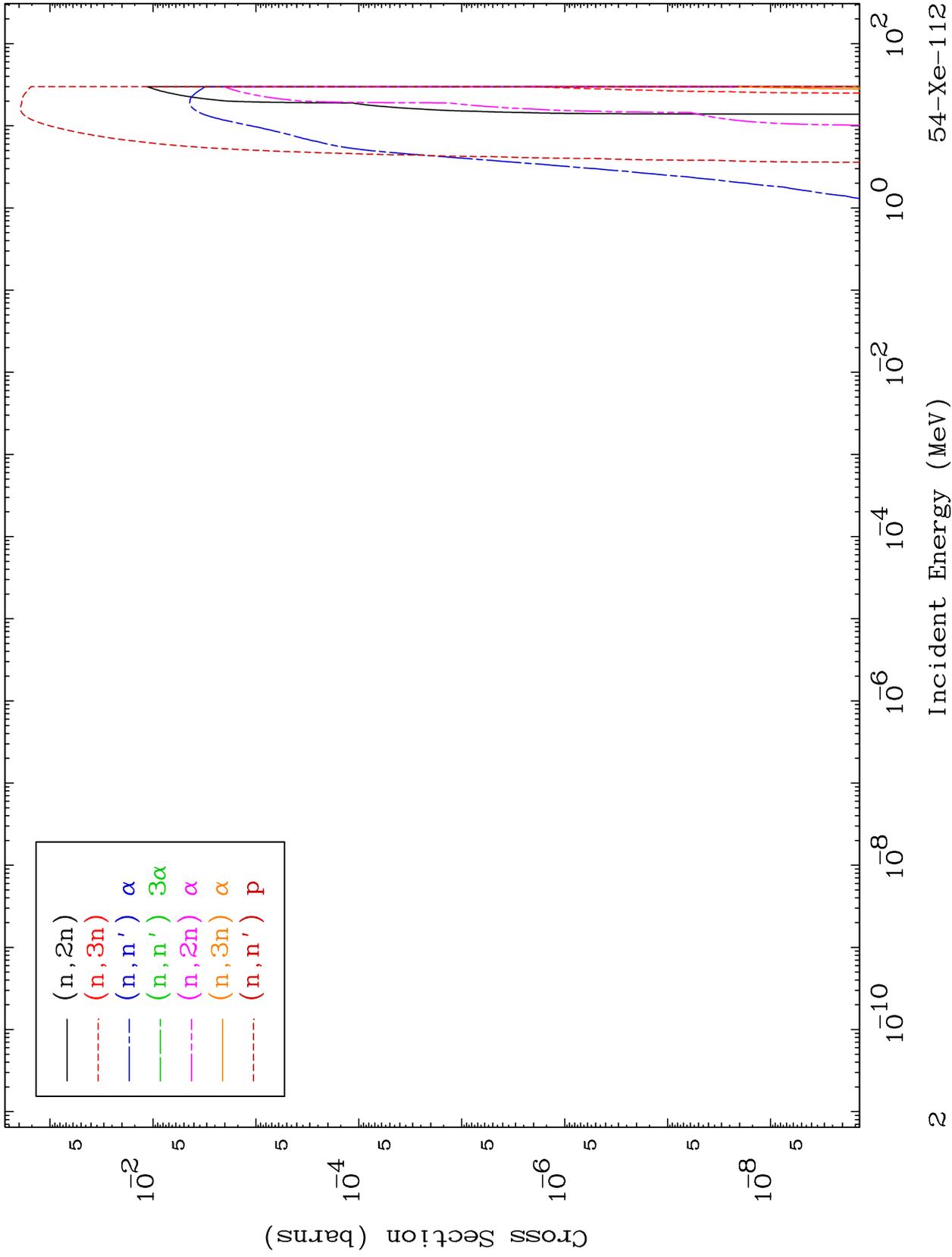
54-Xe-112



MAT 5389

Neutron Production  
293 Kelvin Cross Sections

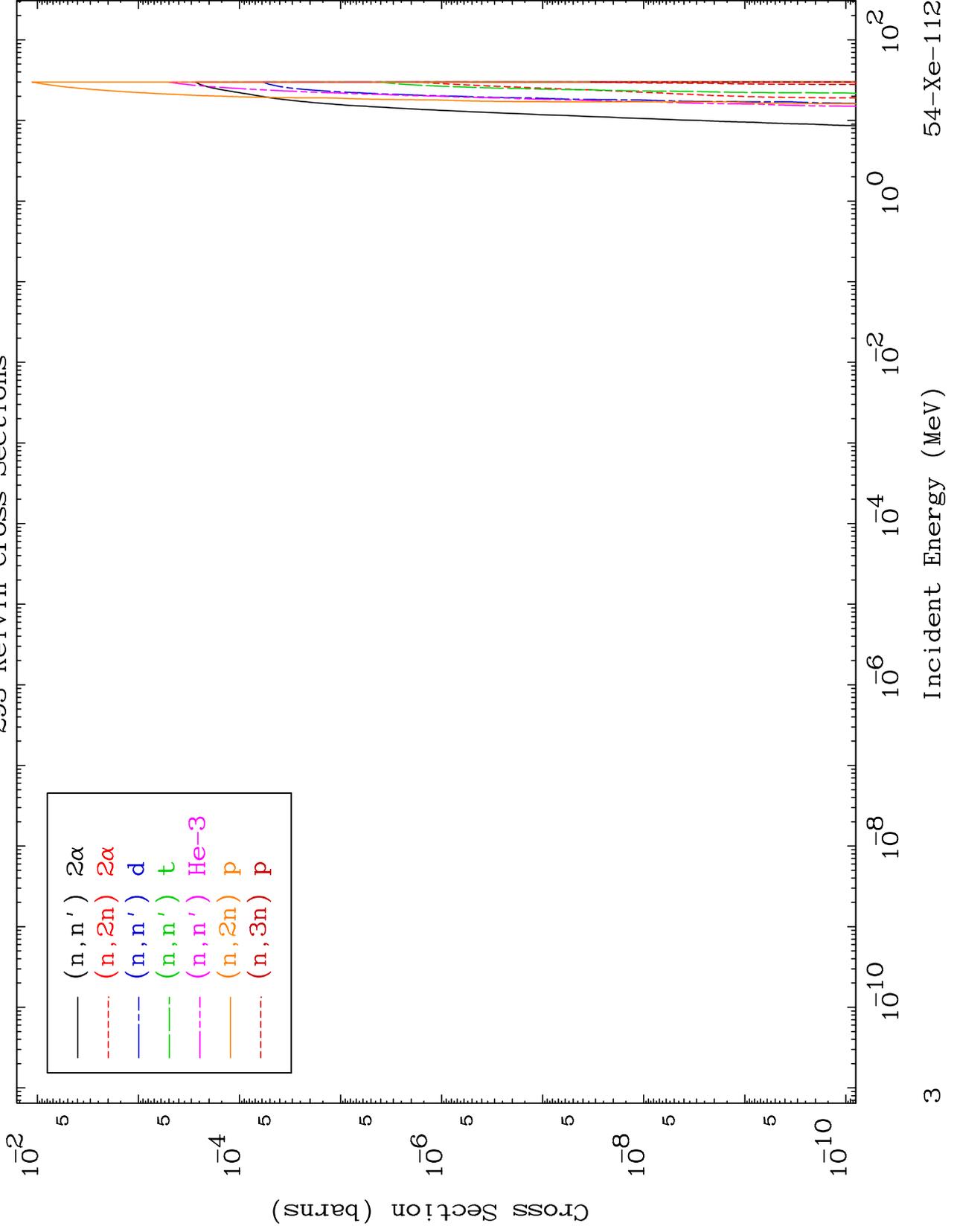
54-Xe-112



MAT 5389

Neutron Production  
293 Kelvin Cross Sections

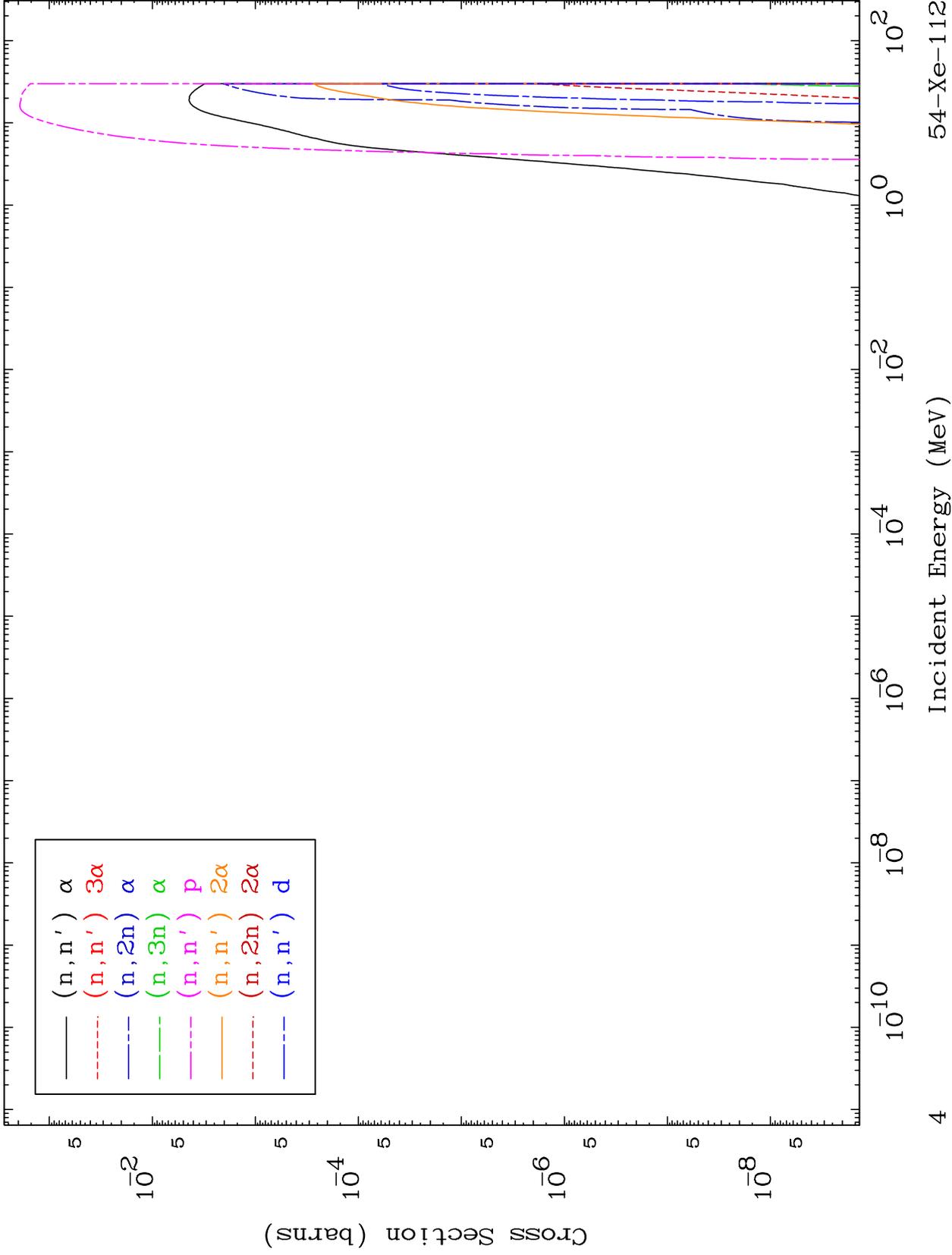
54-Xe-112



MAT 5389

Charged Particle  
293 Kelvin Cross Sections

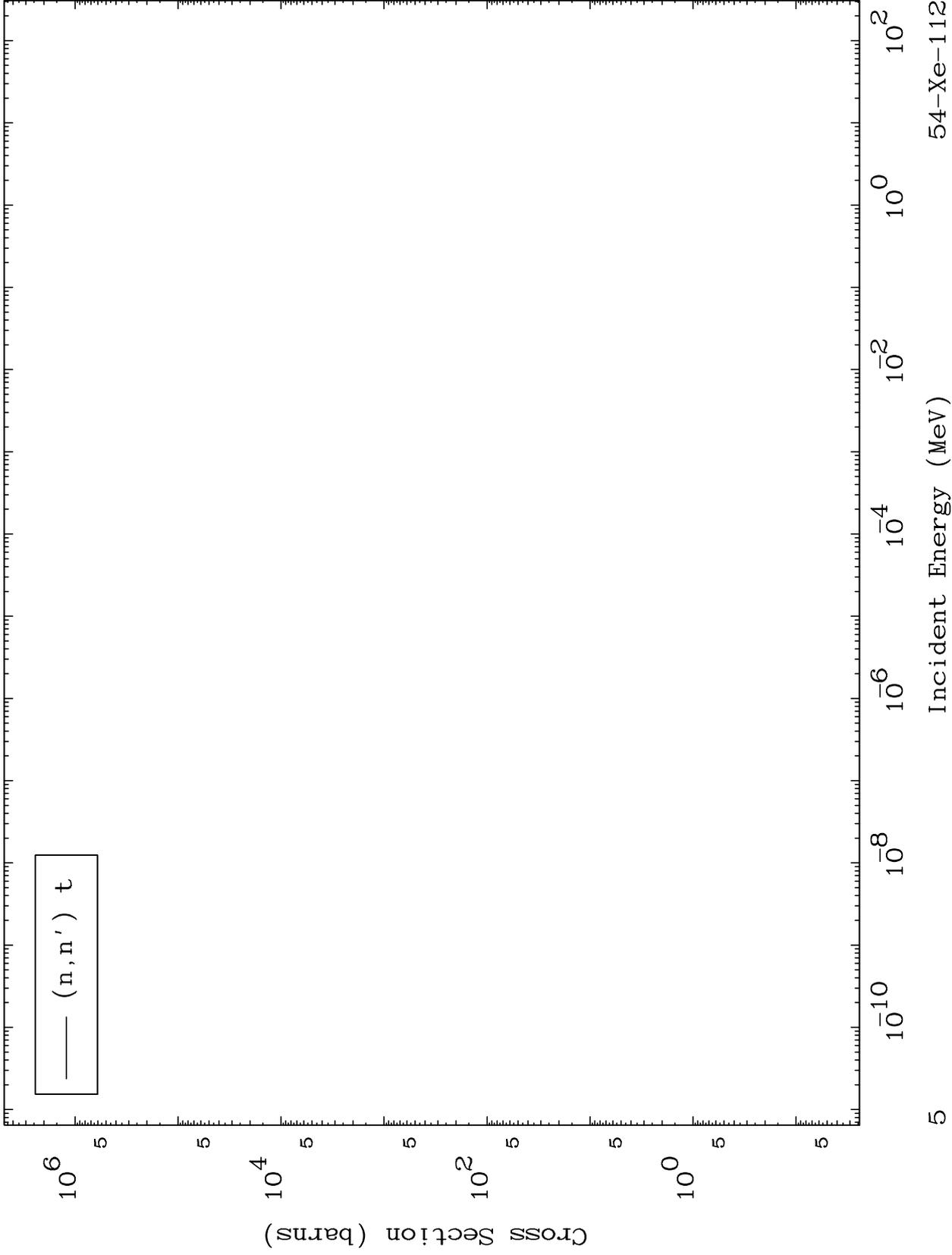
54-Xe-112



MAT 5389

Charged Particle  
293 Kelvin Cross Sections

54-Xe-112

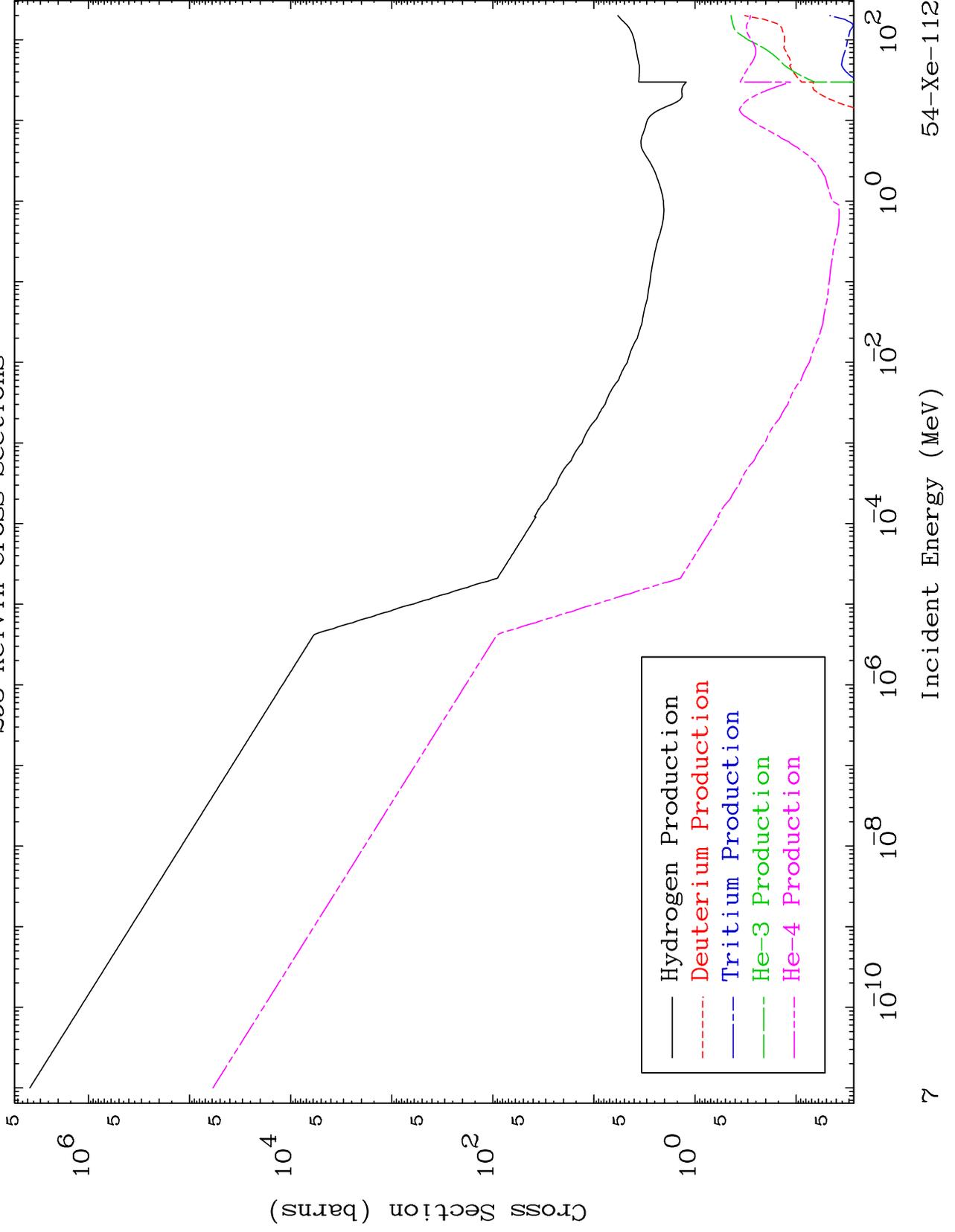




MAT 5389

Particle Production  
293 Kelvin Cross Sections

54-Xe-112

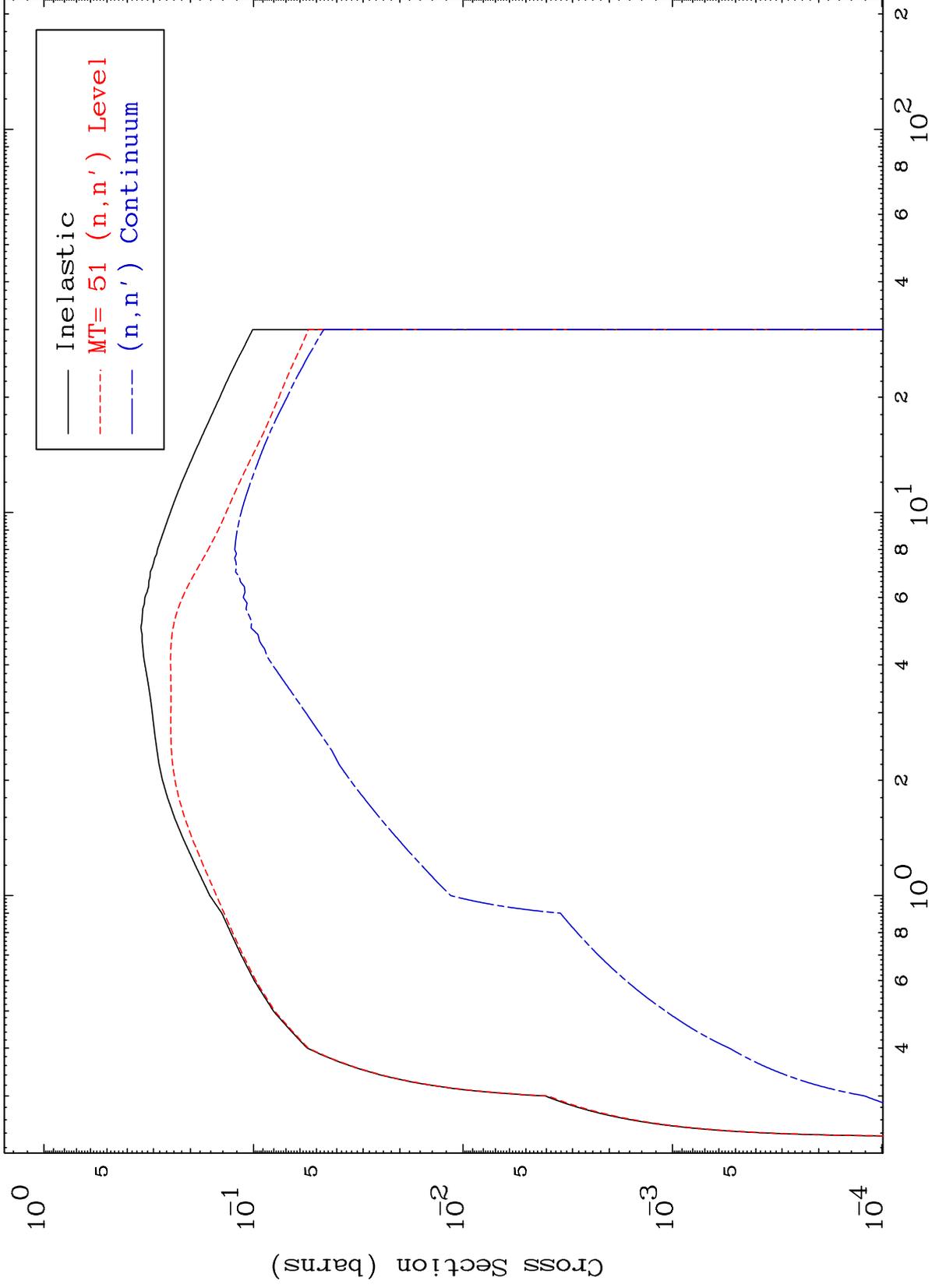


MAT 5389

(n,n') Level

54-Xe-112

293 Kelvin Cross Sections



8

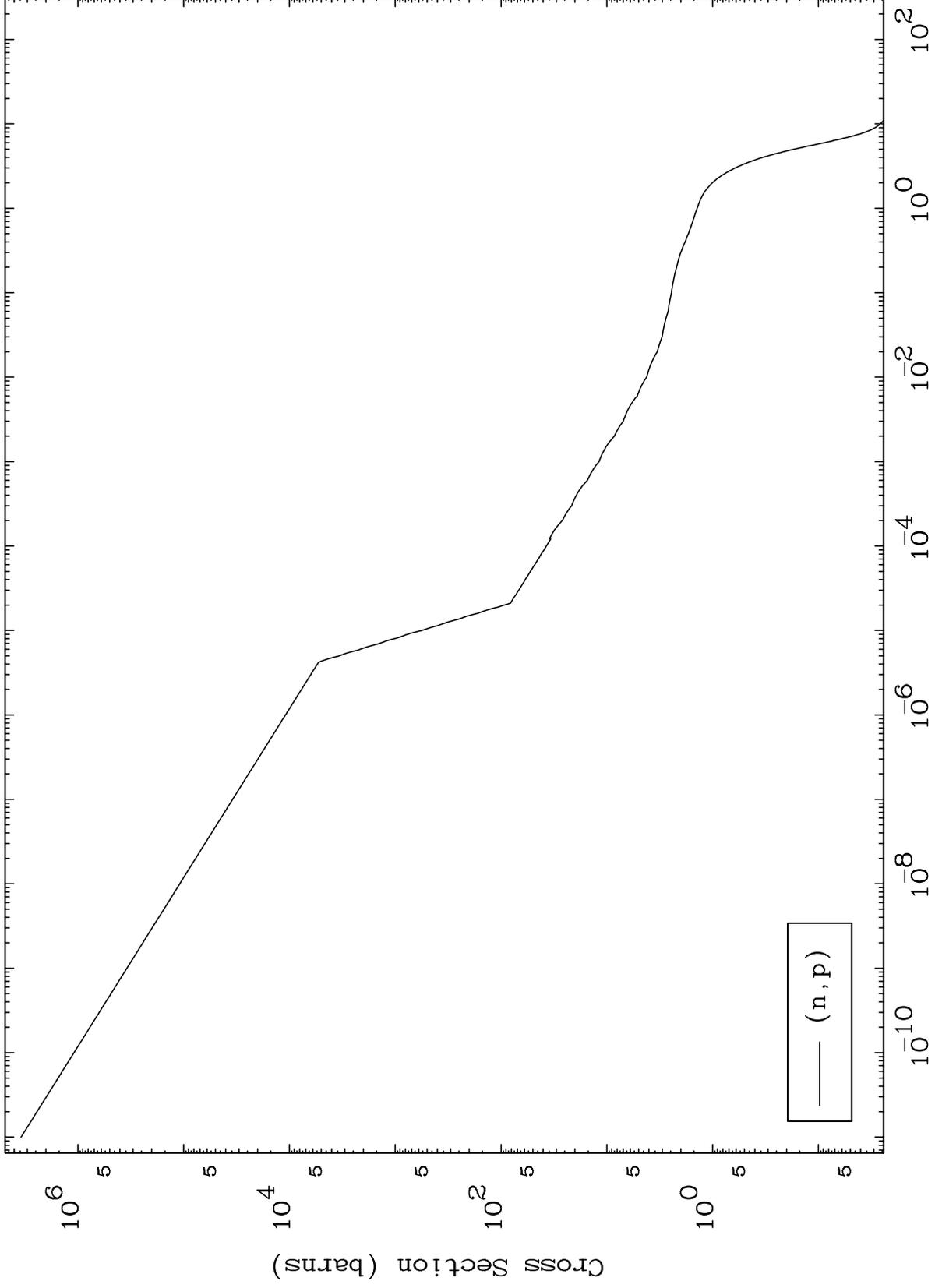
Incident Energy (MeV)

54-Xe-112

MAT 5389

(n,p) Levels  
293 Kelvin Cross Sections

54-Xe-112

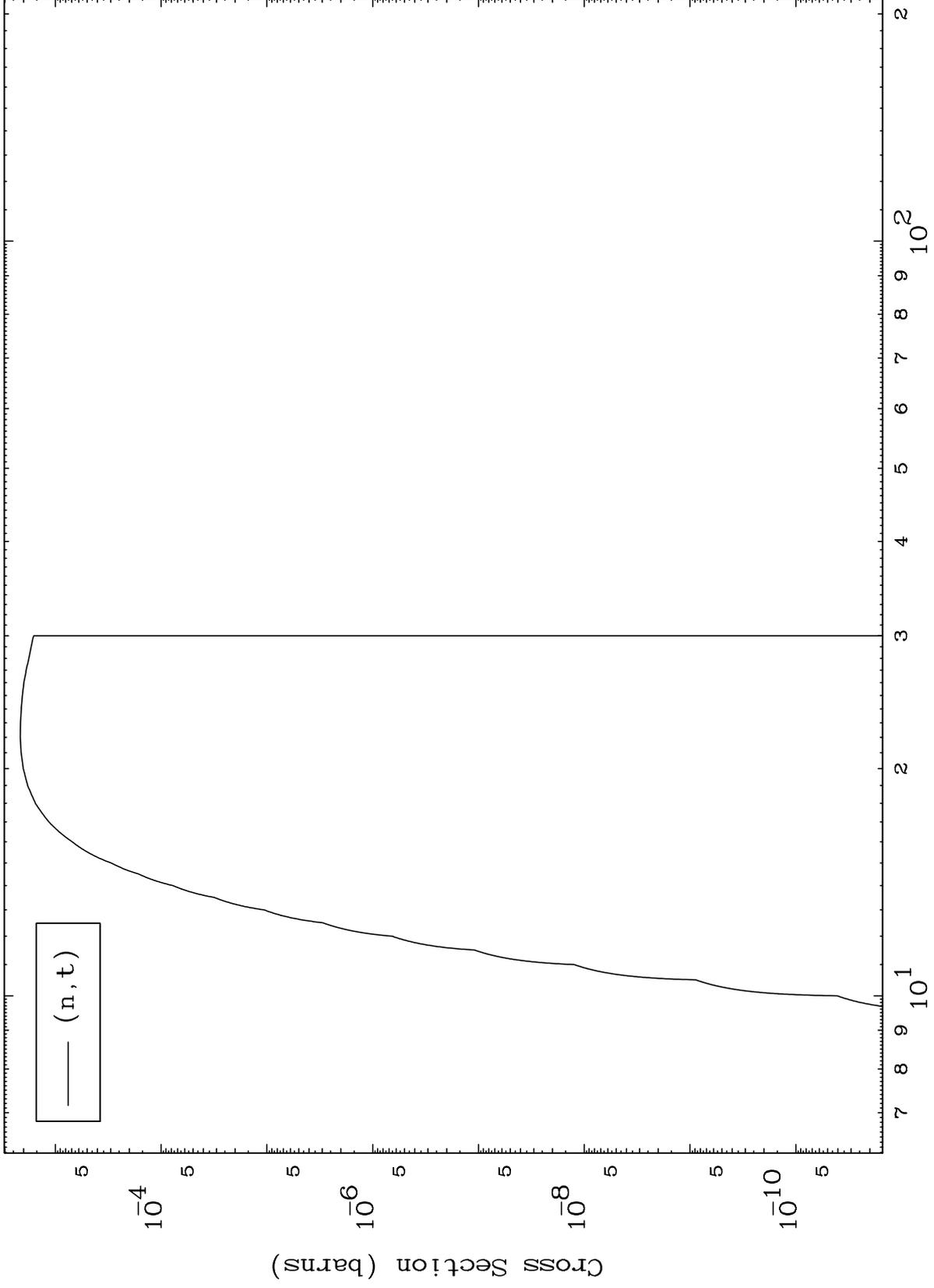




MAT 5389

(n,t) Levels  
293 Kelvin Cross Sections

54-Xe-112



11

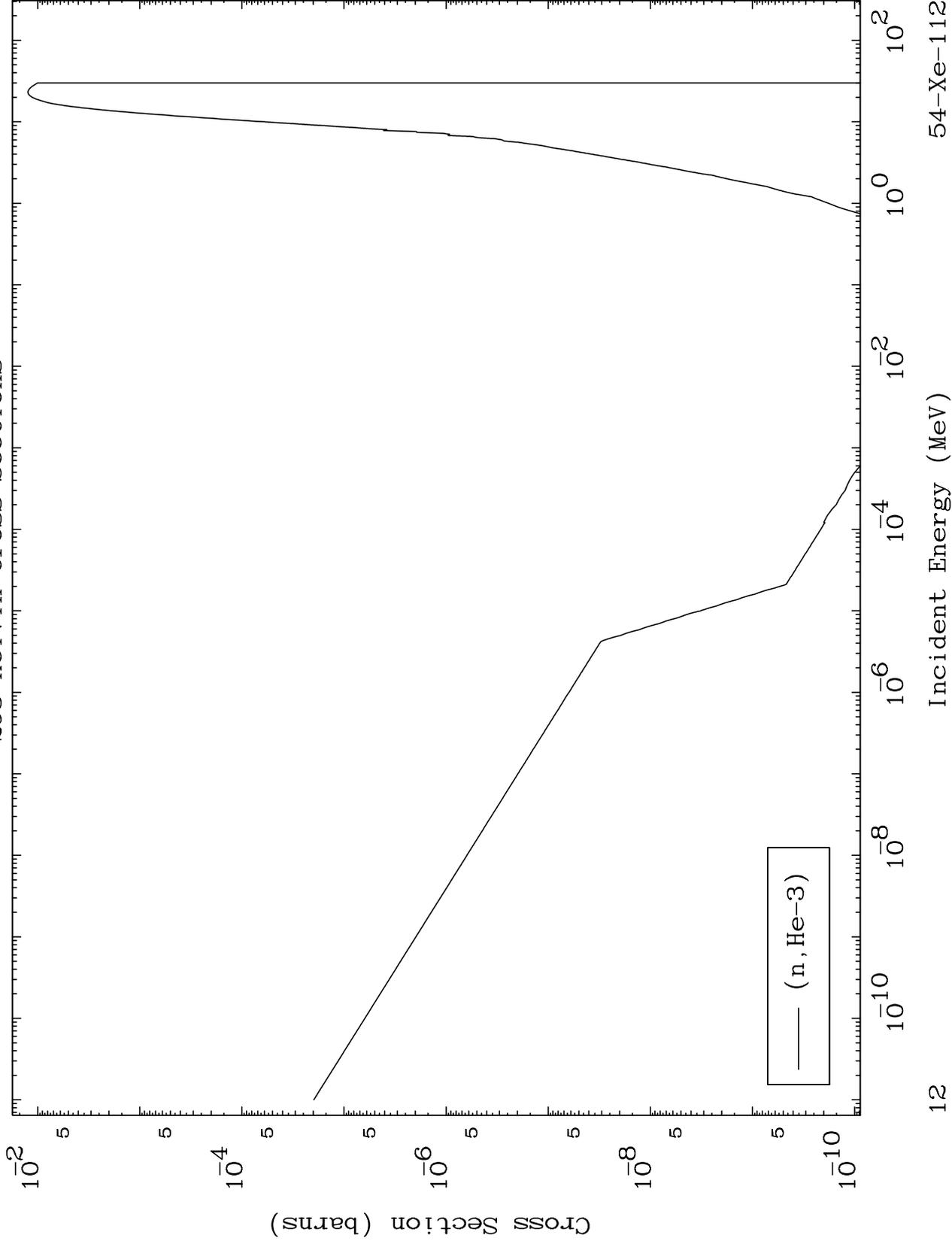
Incident Energy (MeV)

54-Xe-112

MAT 5389

(n,He3) Levels  
293 Kelvin Cross Sections

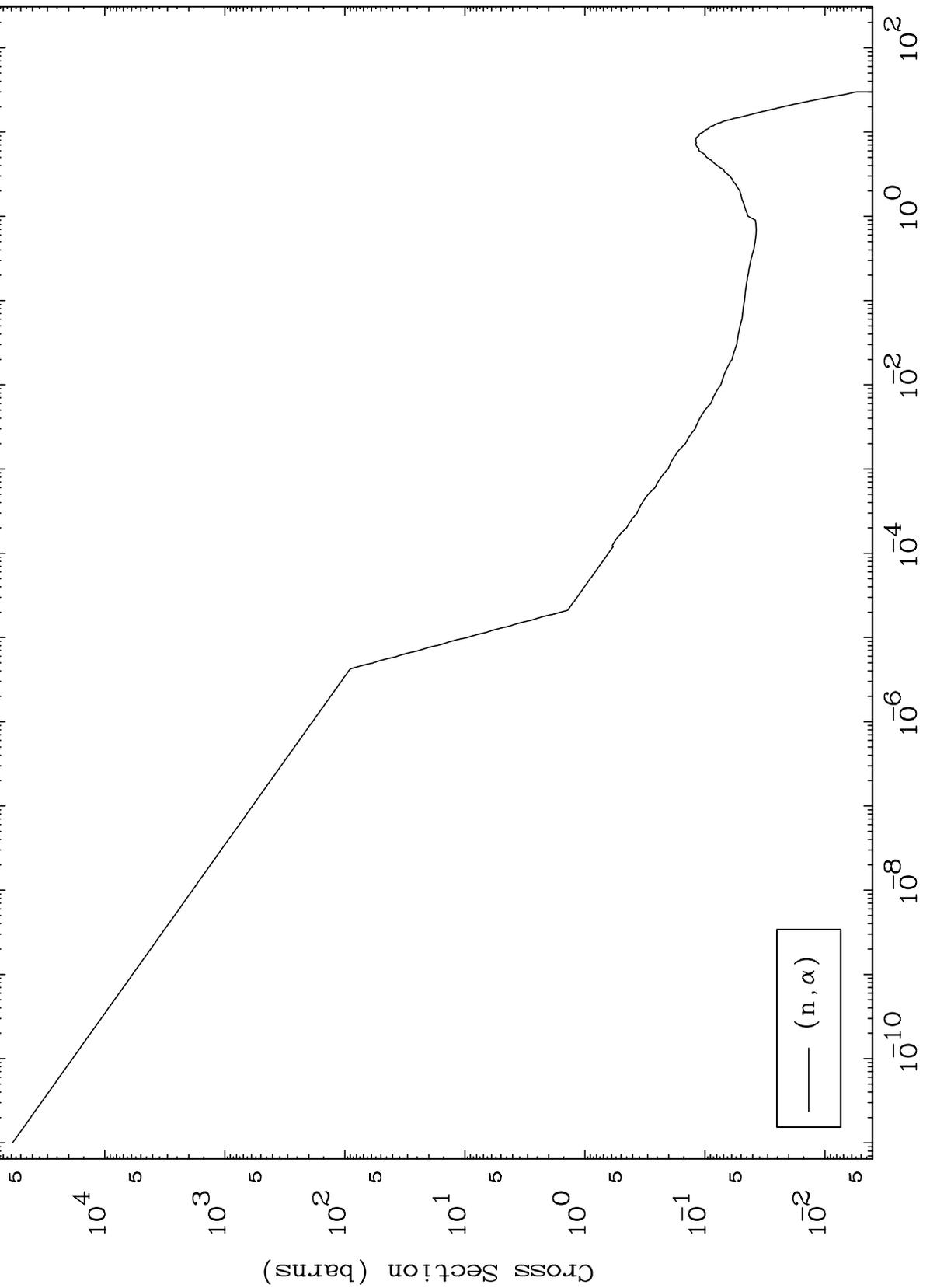
54-Xe-112



MAT 5389

(n,α) Levels  
293 Kelvin Cross Sections

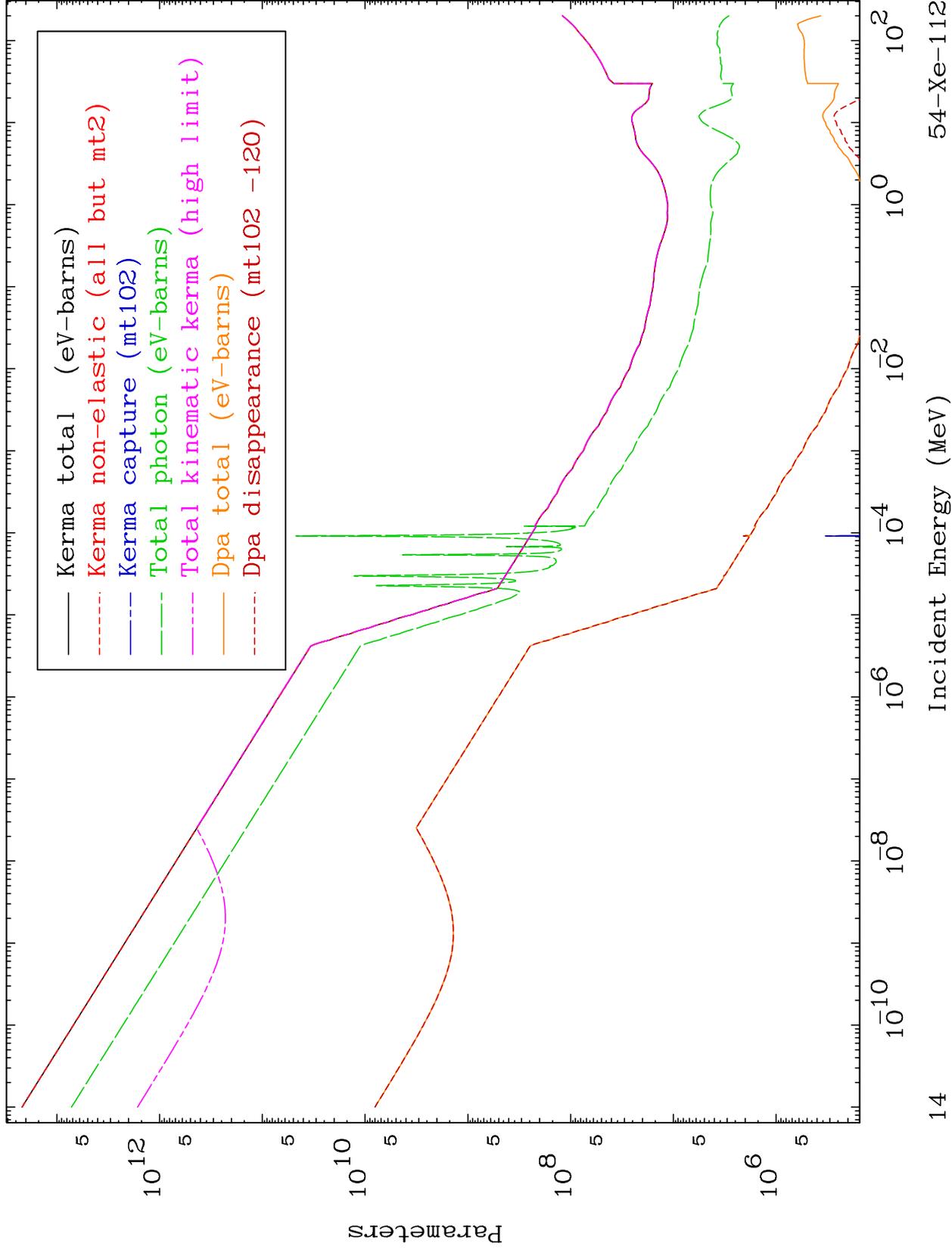
54-Xe-112



13

Incident Energy (MeV)

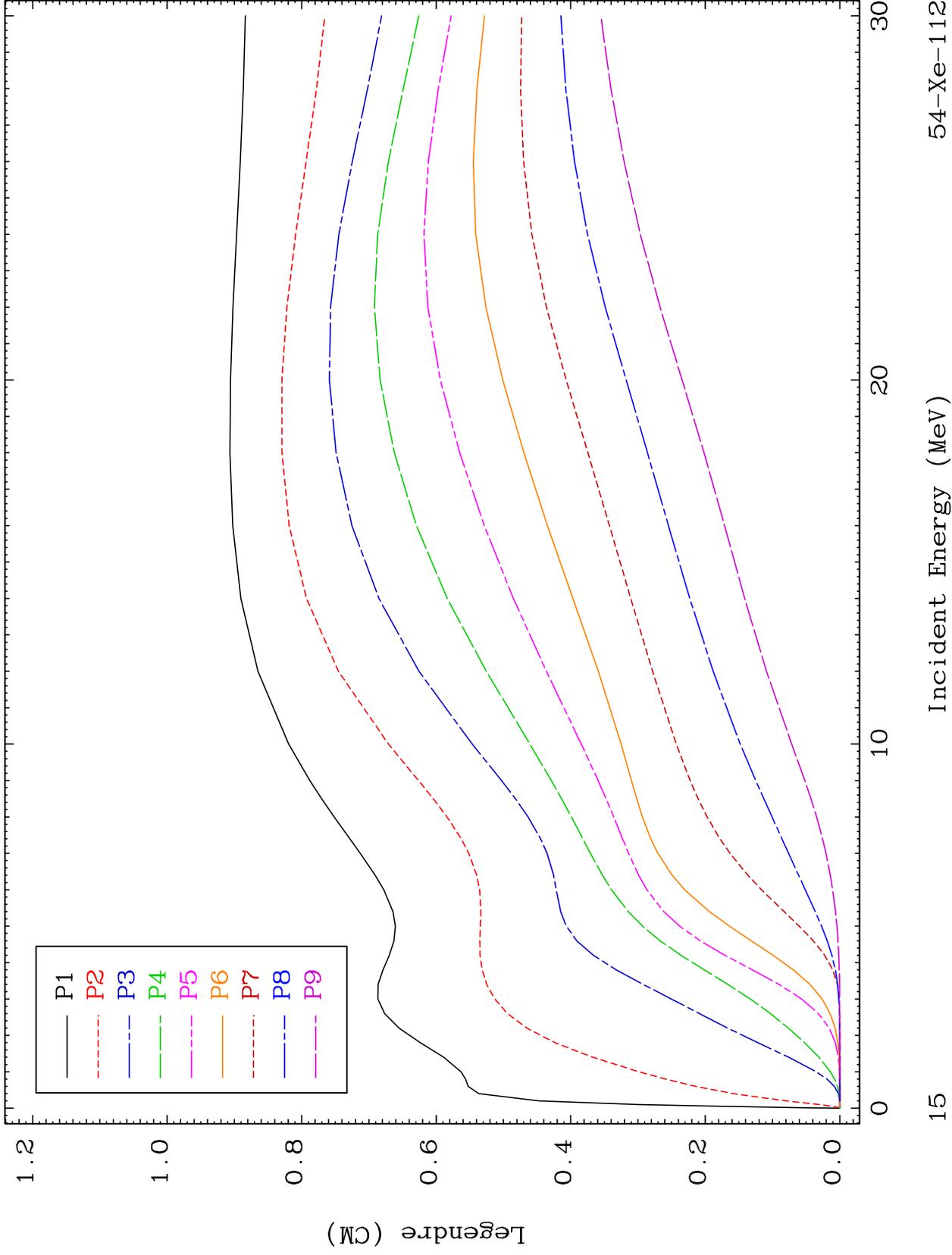
54-Xe-112



MAT 5389

Elastic Legendre Coefficients

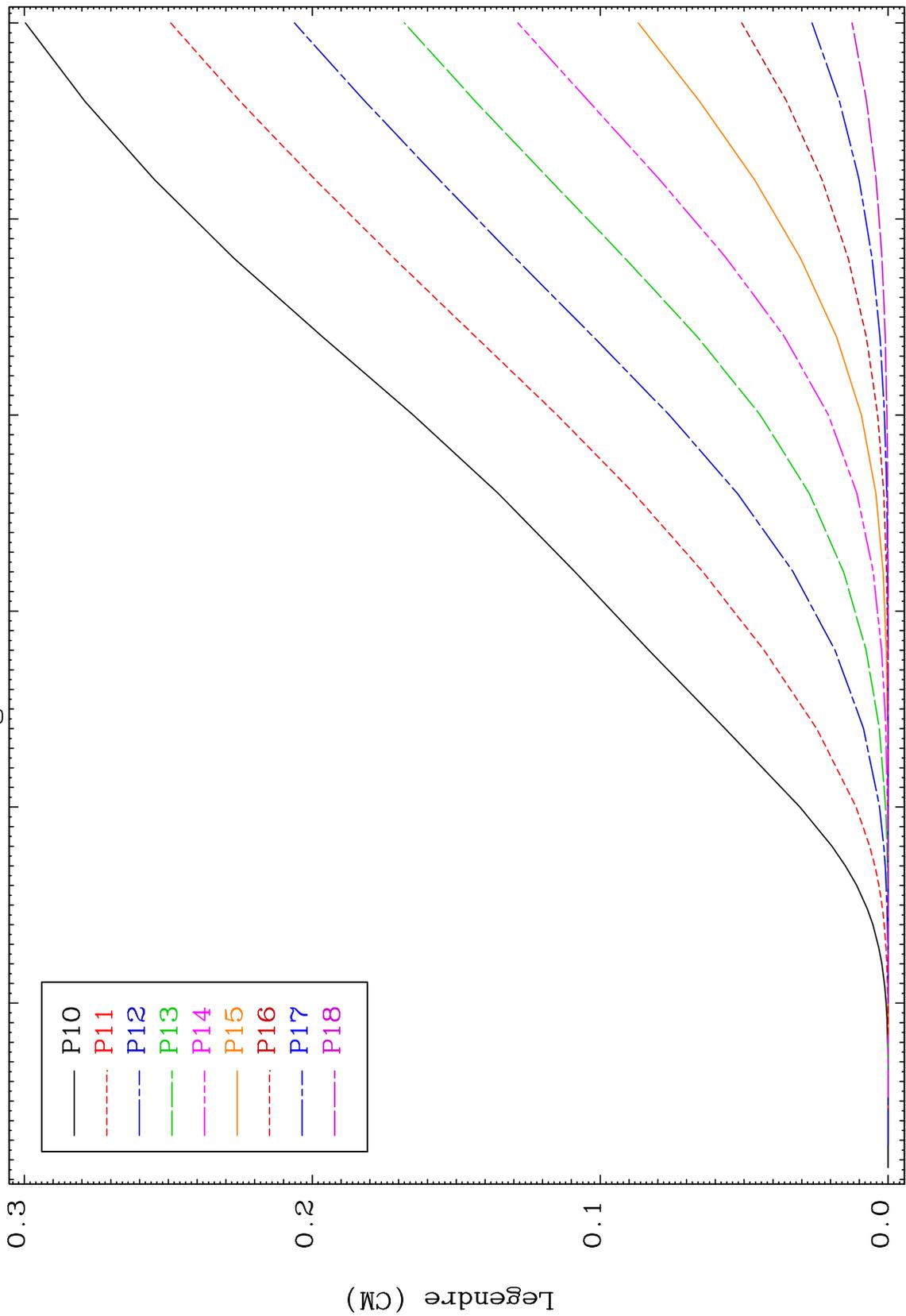
54-Xe-112



MAT 5389

Elastic Legendre Coefficients

54-Xe-112



16

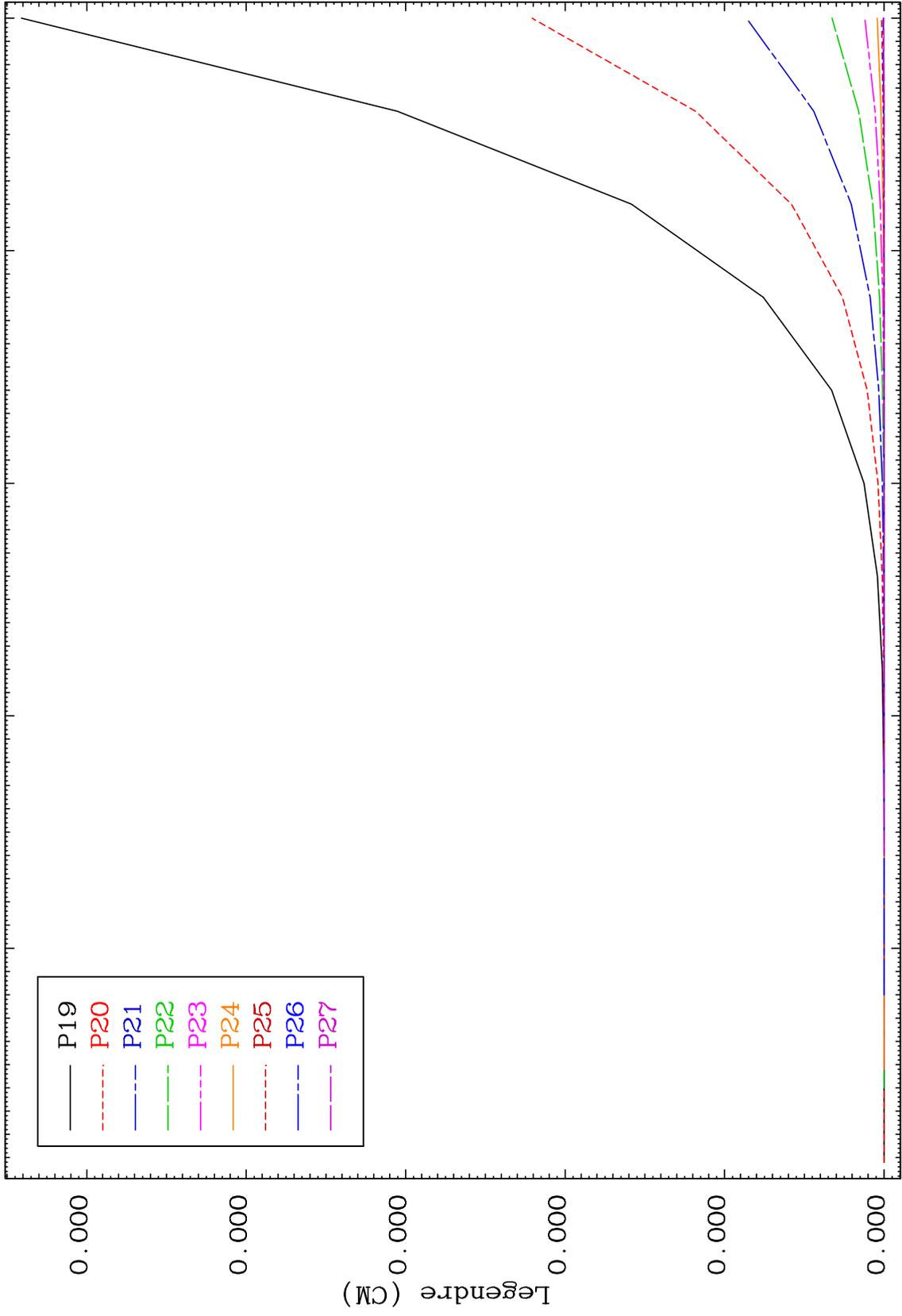
Incident Energy (MeV)

54-Xe-112

MAT 5389

Elastic Legendre Coefficients

54-Xe-112



17

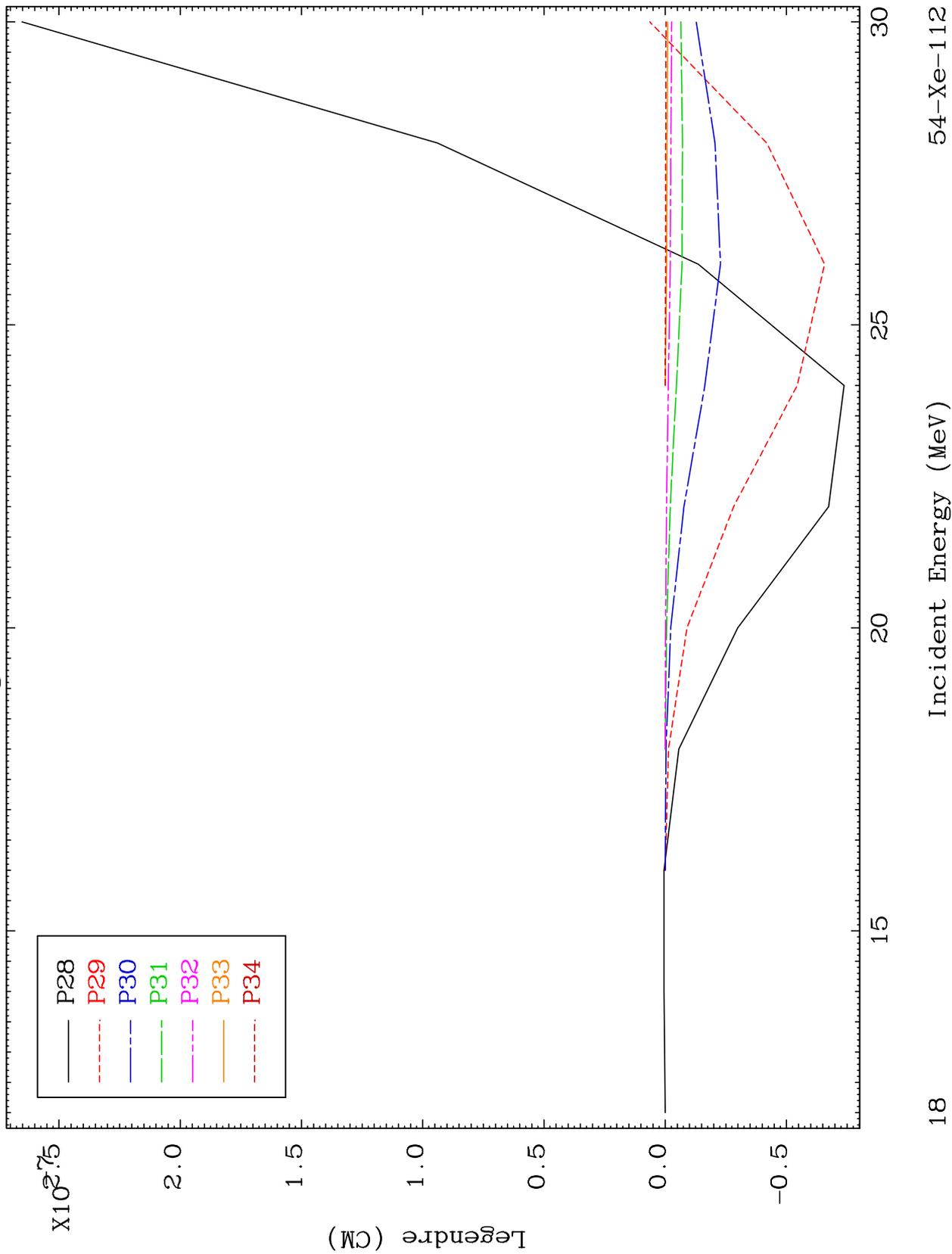
Incident Energy (MeV)

54-Xe-112

MAT 5389

Elastic  
Legendre Coefficients

54-Xe-112



18

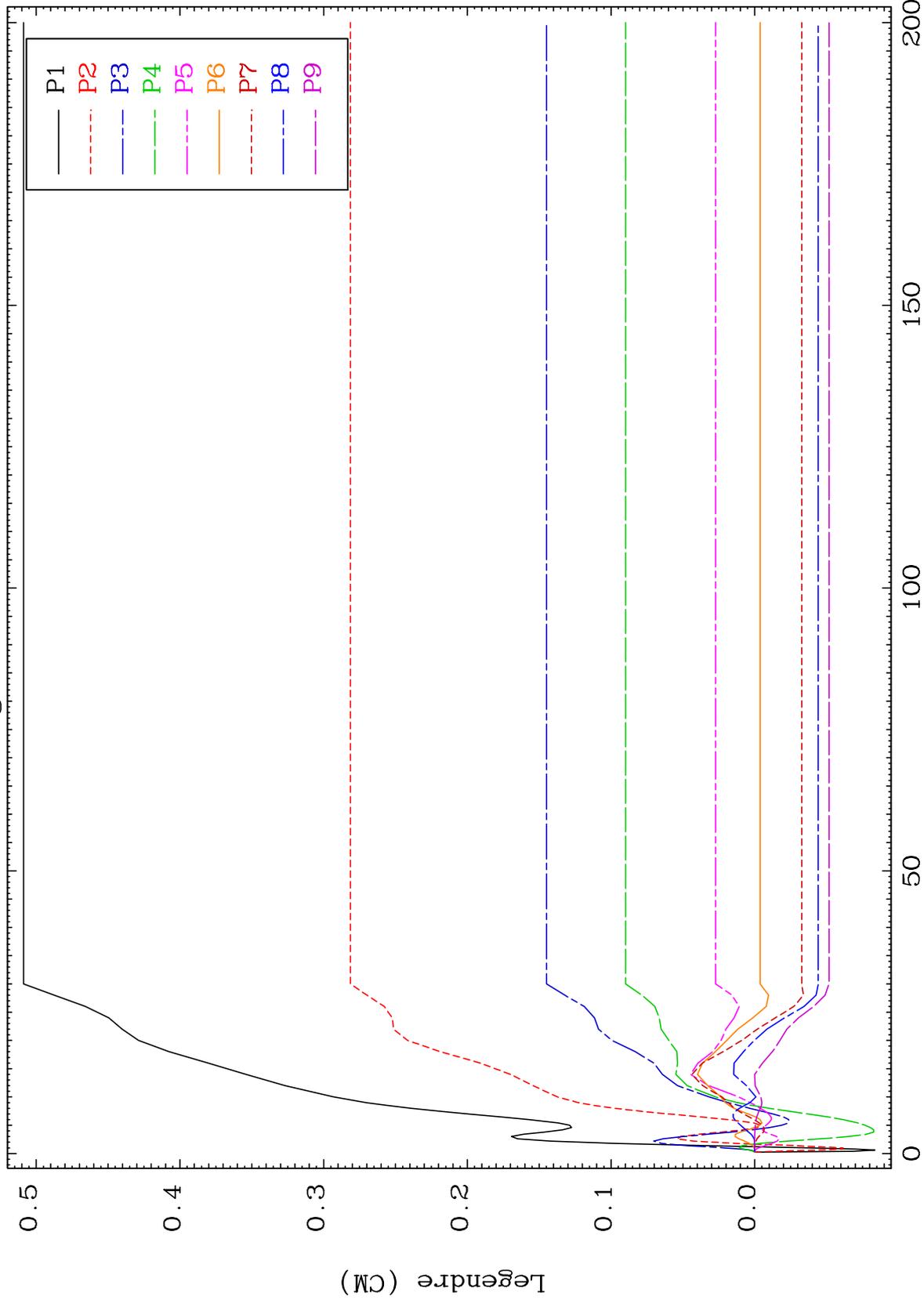
Incident Energy (MeV)

54-Xe-112

MAT 5389

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

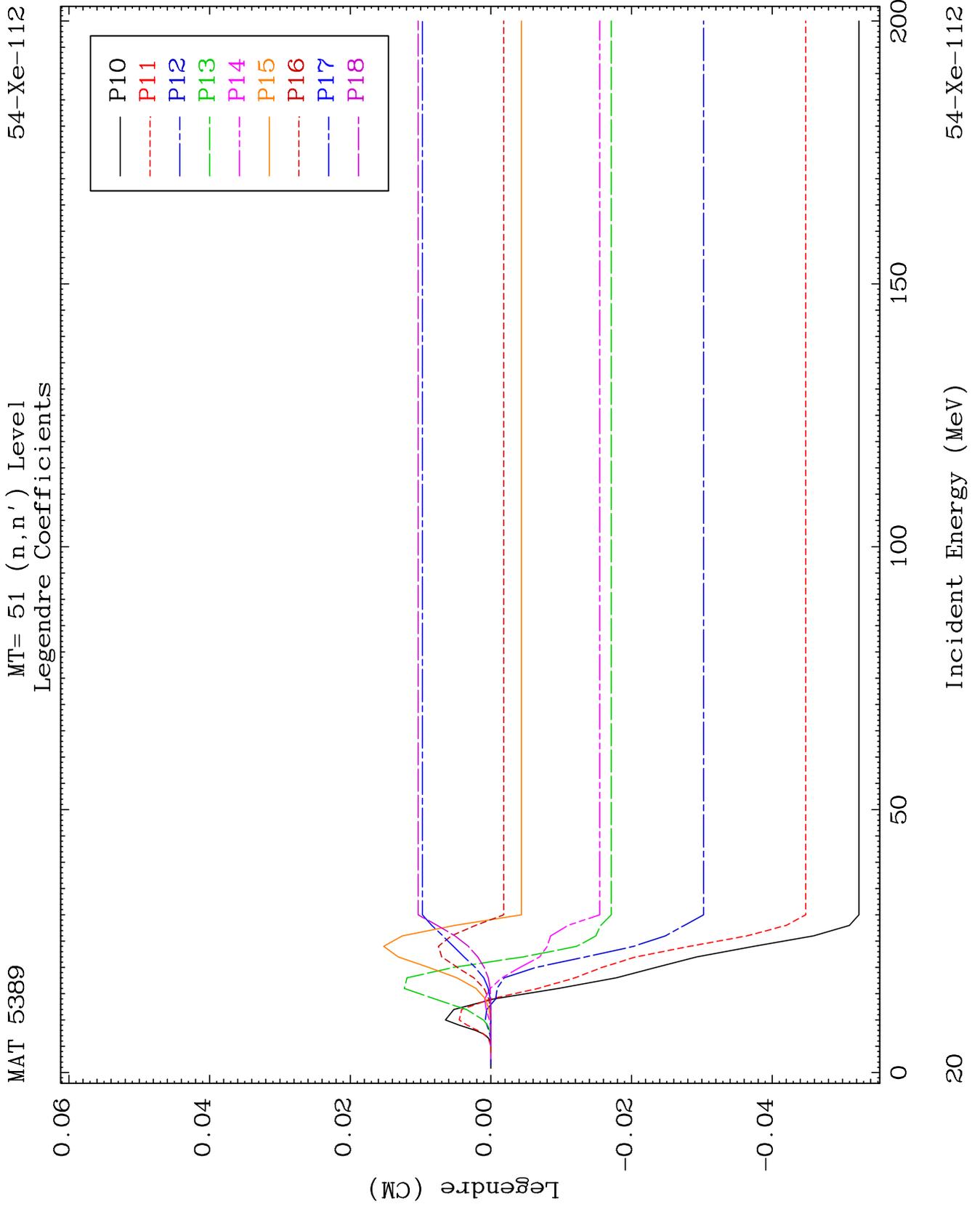
54-Xe-112



19

Incident Energy (MeV)

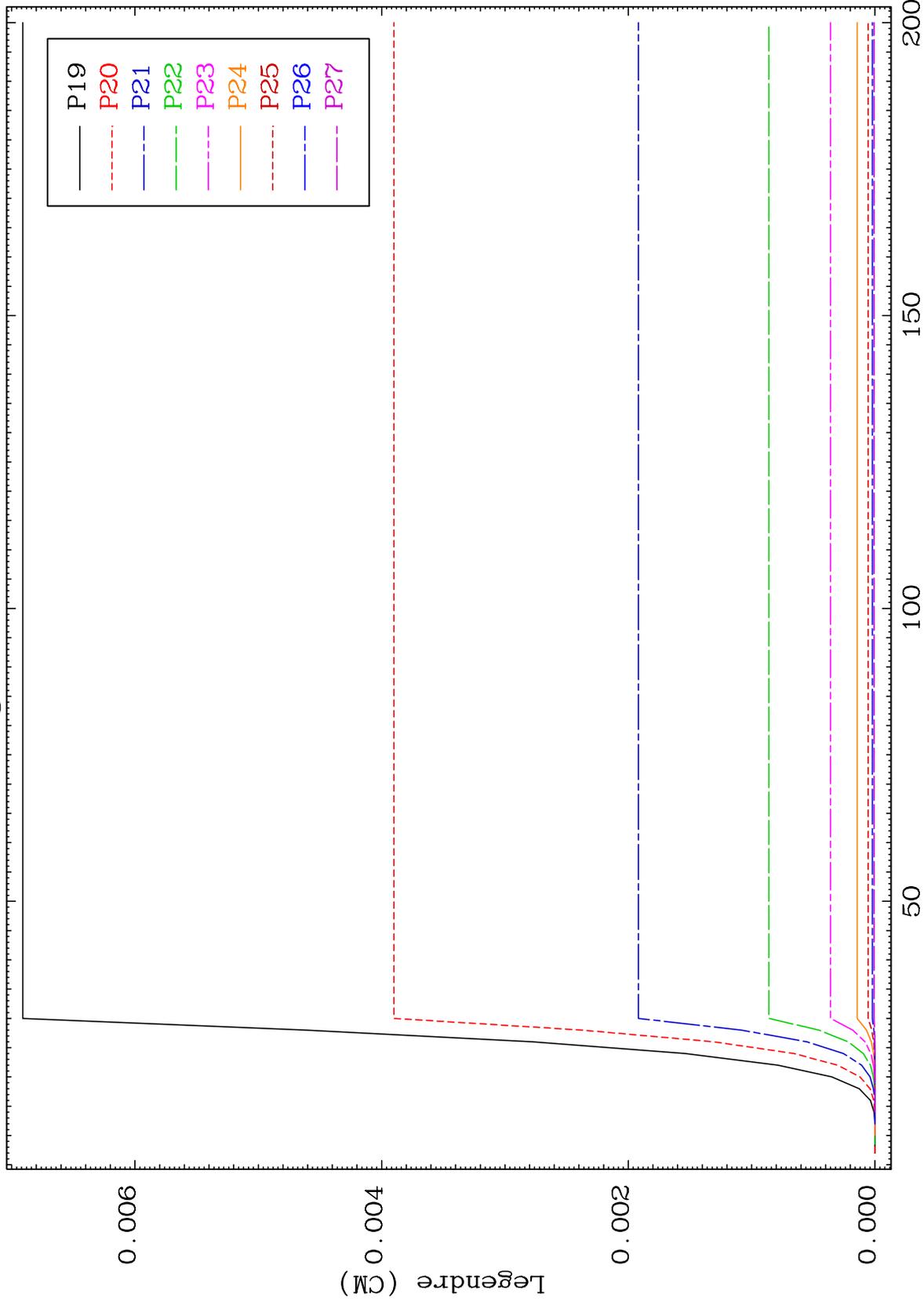
54-Xe-112



MAT 5389

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

54-Xe-112



21

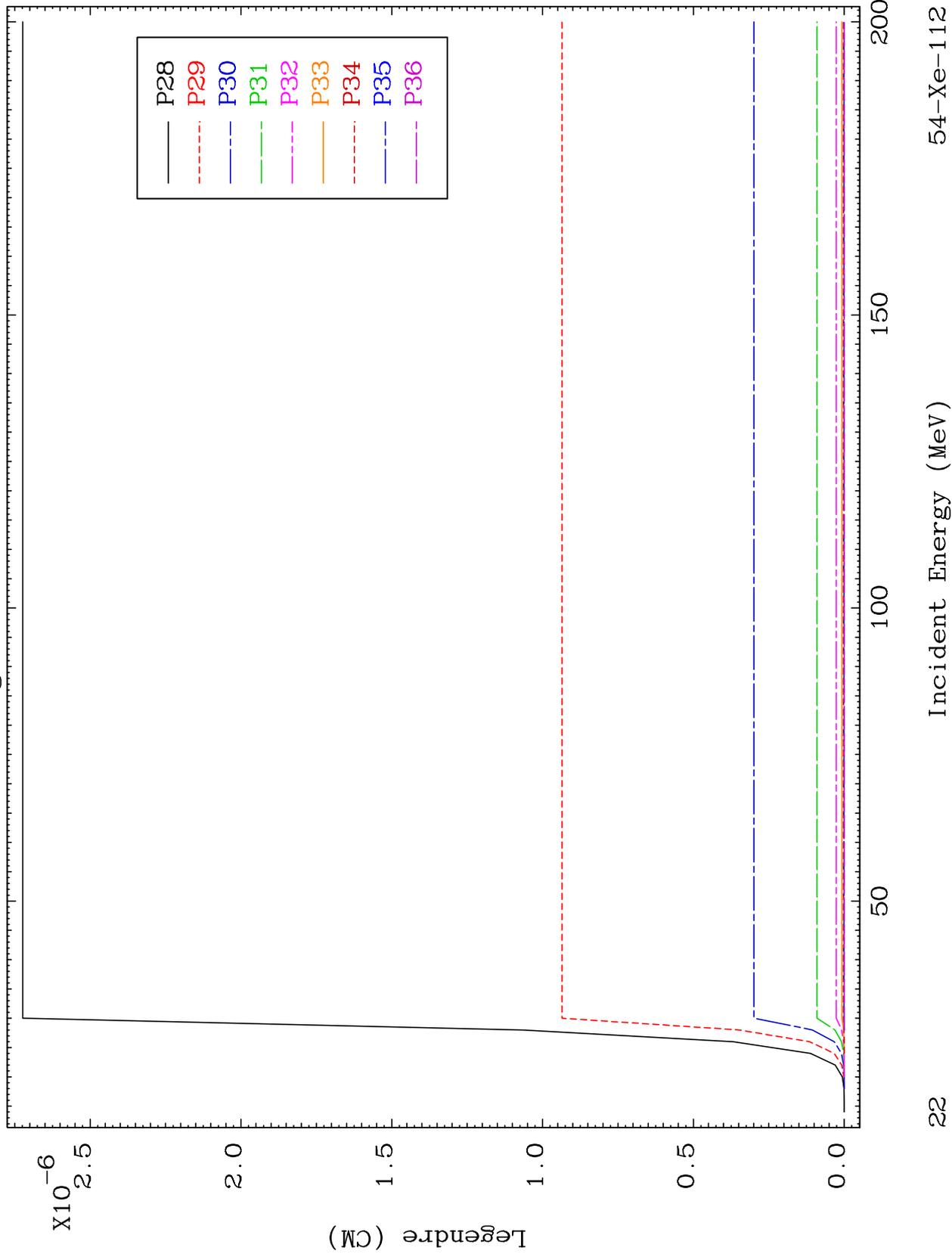
Incident Energy (MeV)

54-Xe-112

MAT 5389

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

54-Xe-112



22

MAT 5389

(n,d) 2 $\alpha$

54-Xe-112

Radionuclide Production Cross Section

