

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

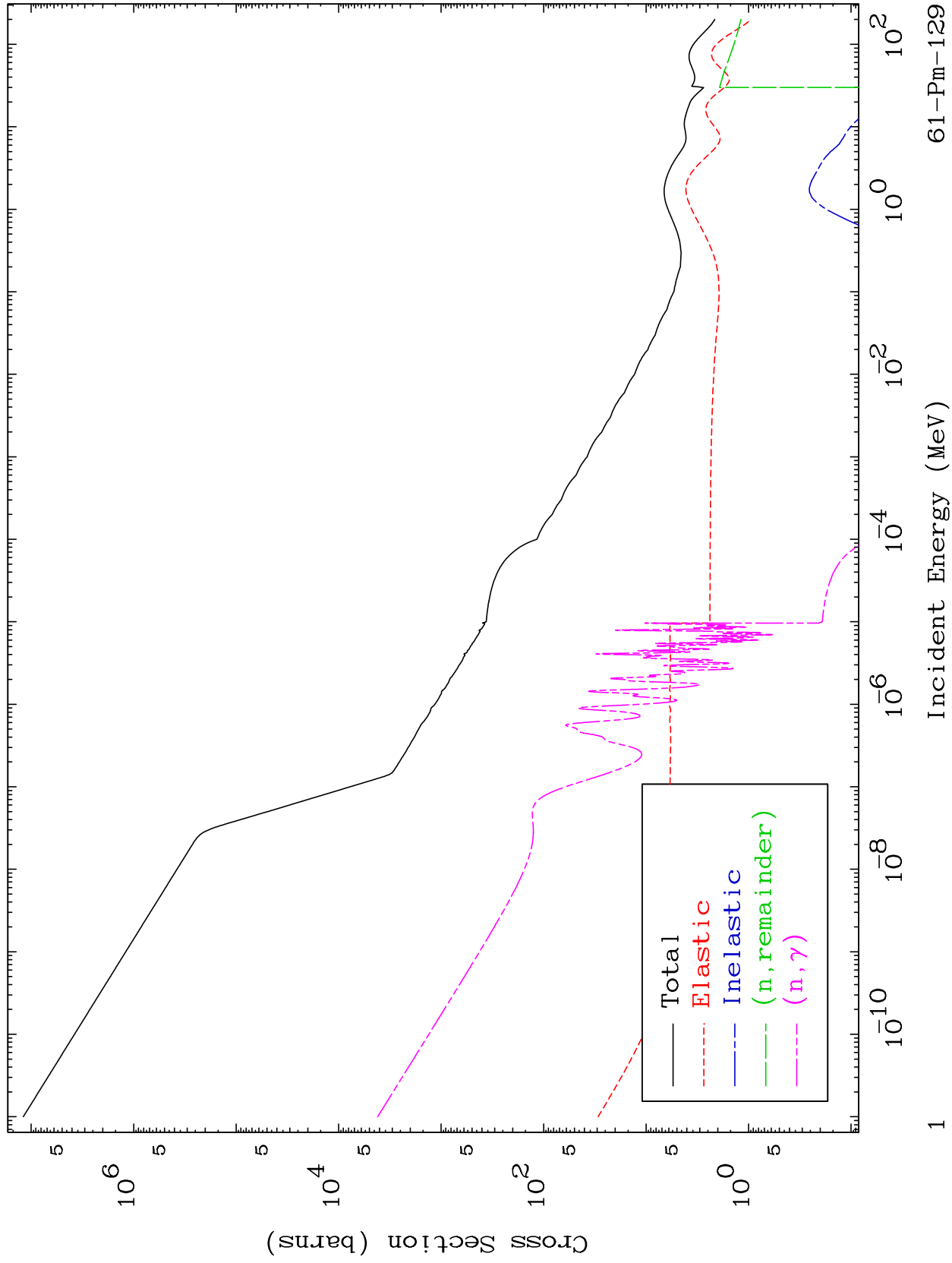
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6095

Major  
293 Kelvin Cross Sections

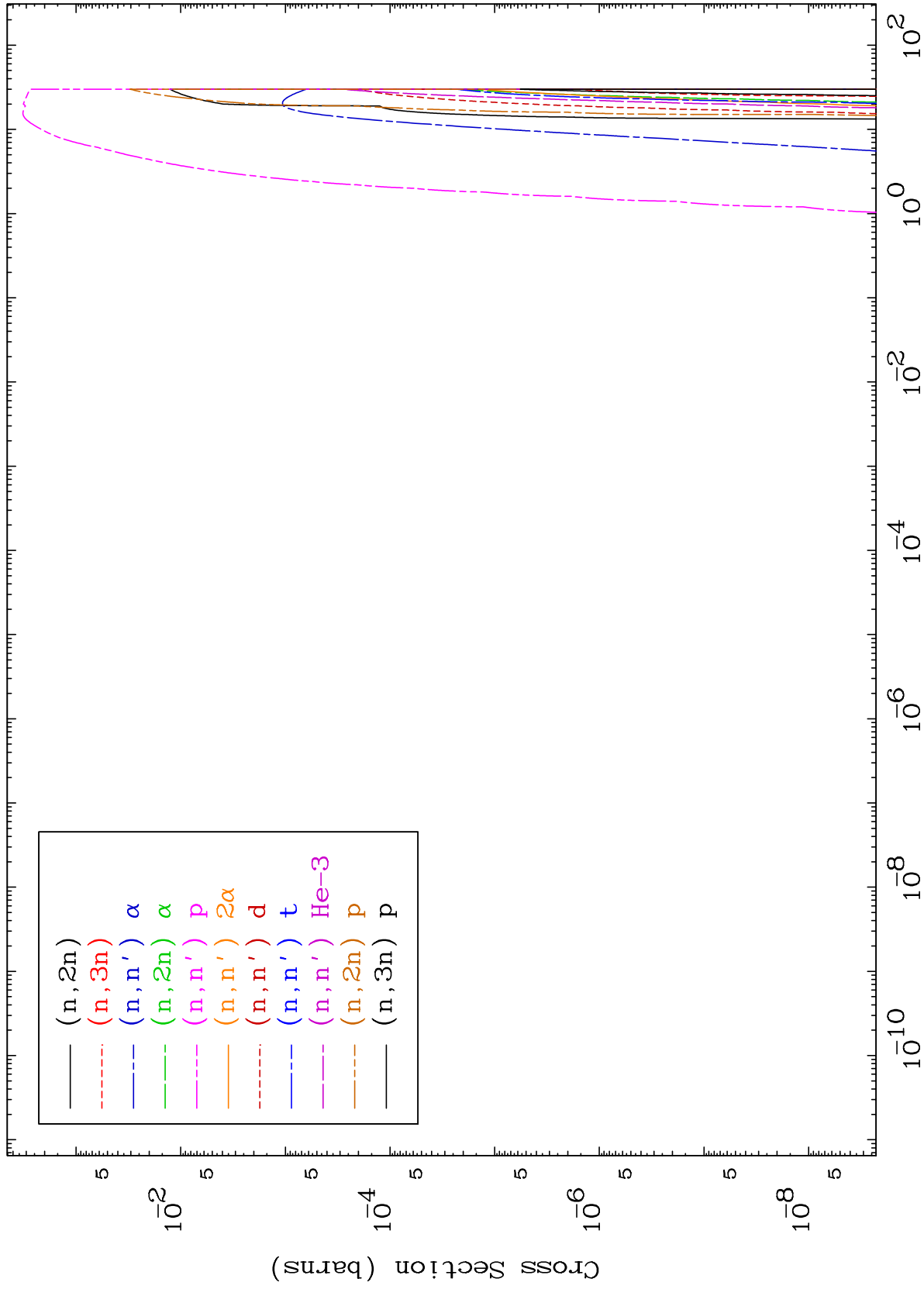
61-Pm-129



MAT 6095

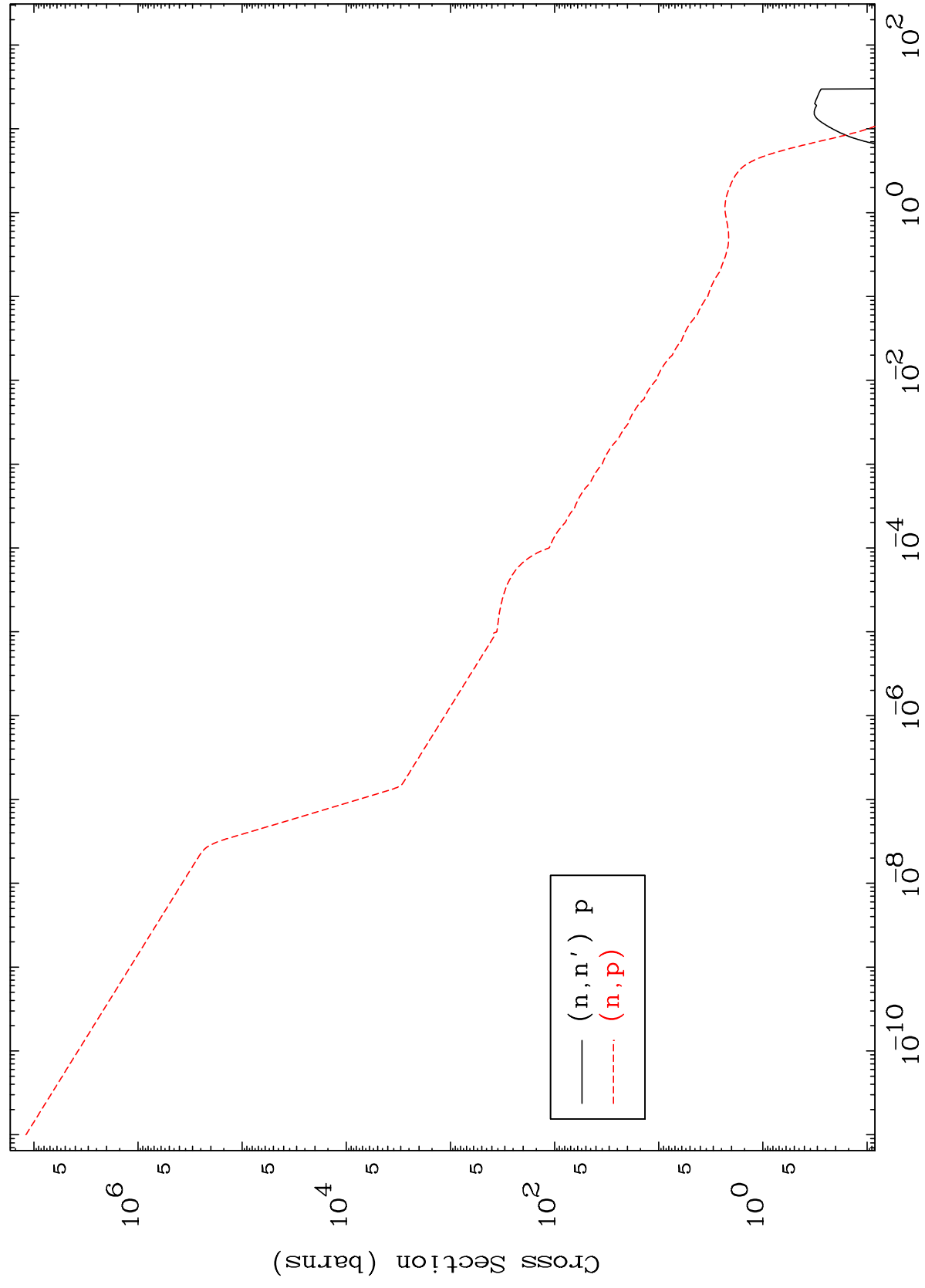
Neutron Production  
293 Kelvin Cross Sections

61-Pm-129



2

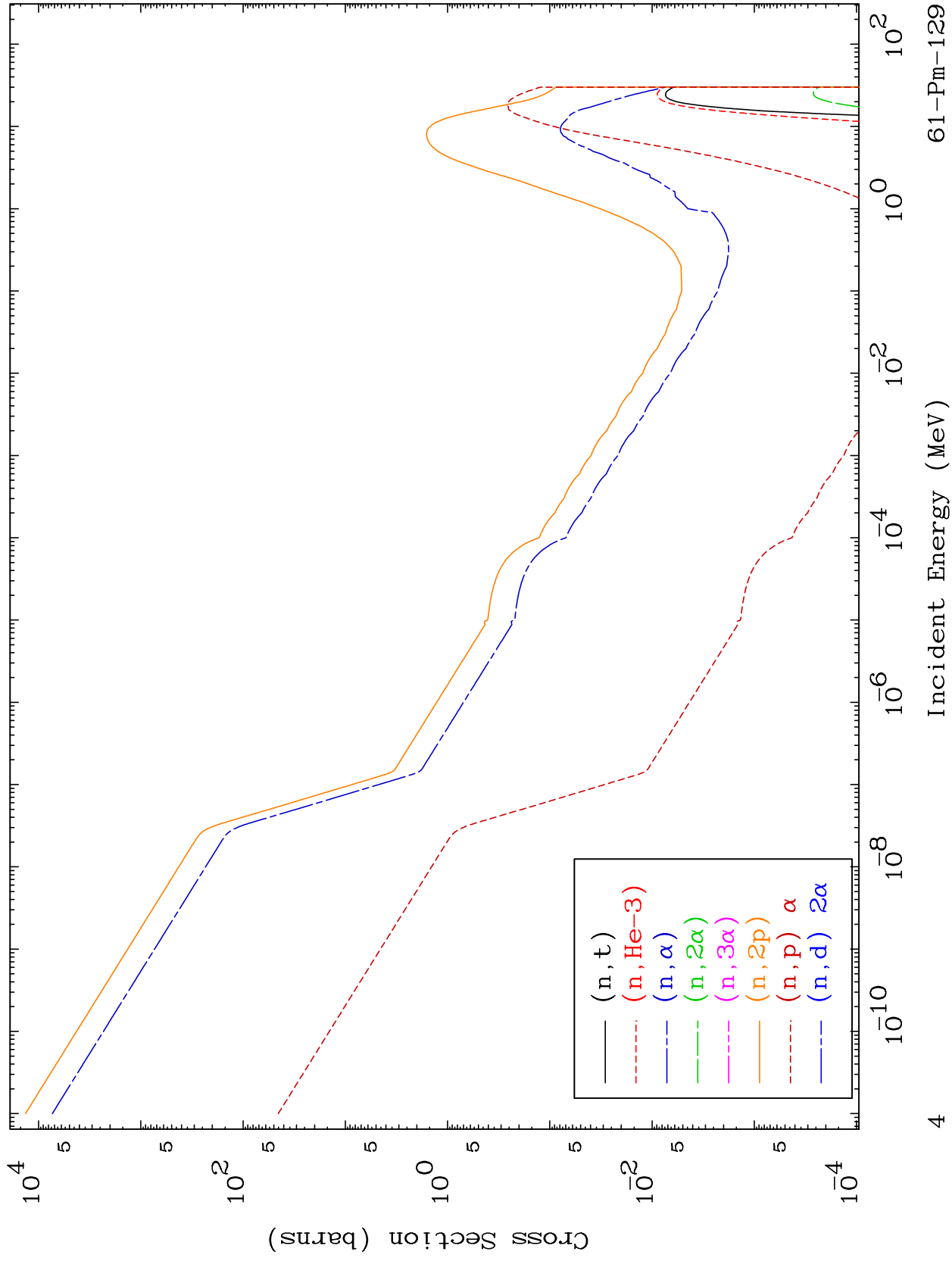
61-Pm-129



MAT 6095

293 Kelvin Cross Sections

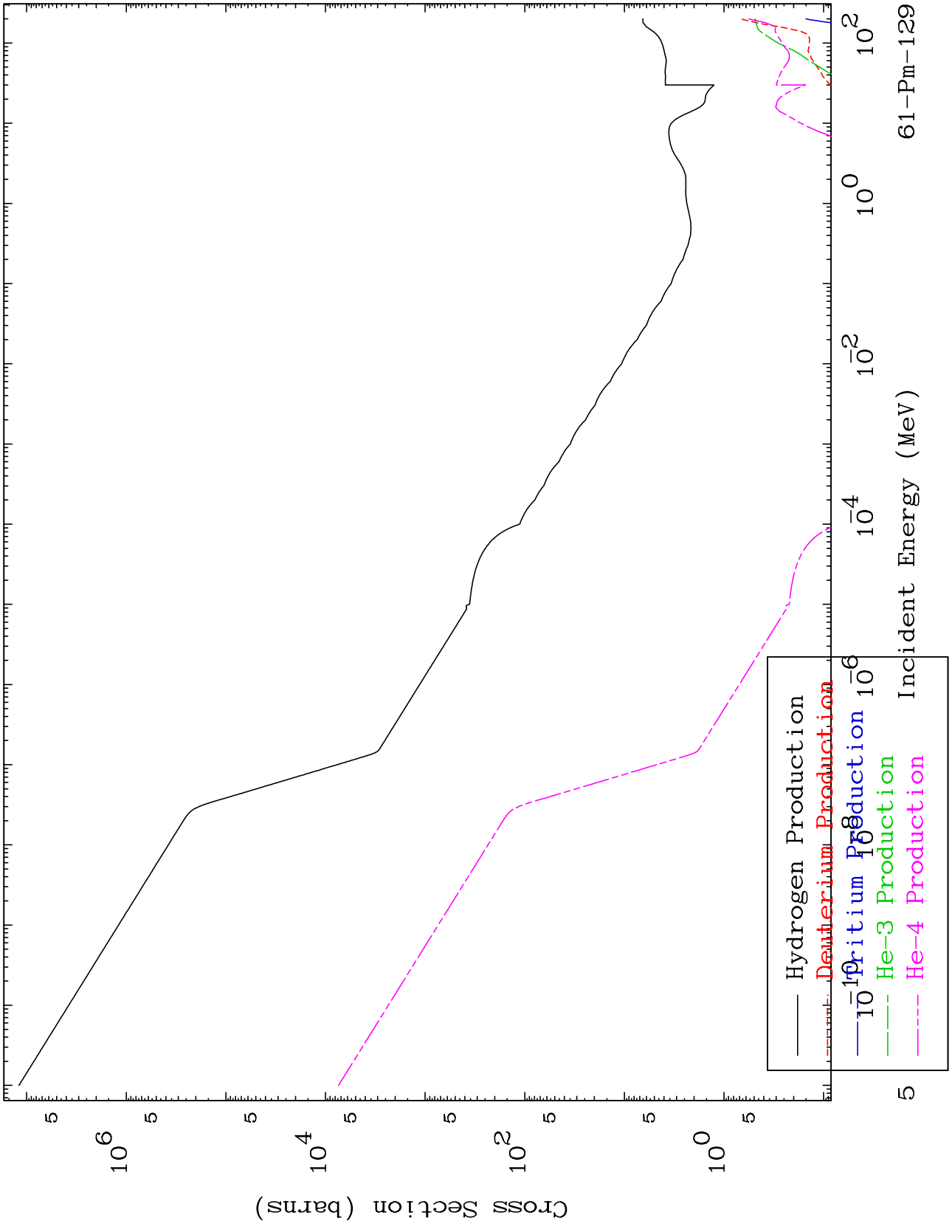
61-Pm-129



MAT 6095

Particle Production  
293 Kelvin Cross Sections

61-Pm-129



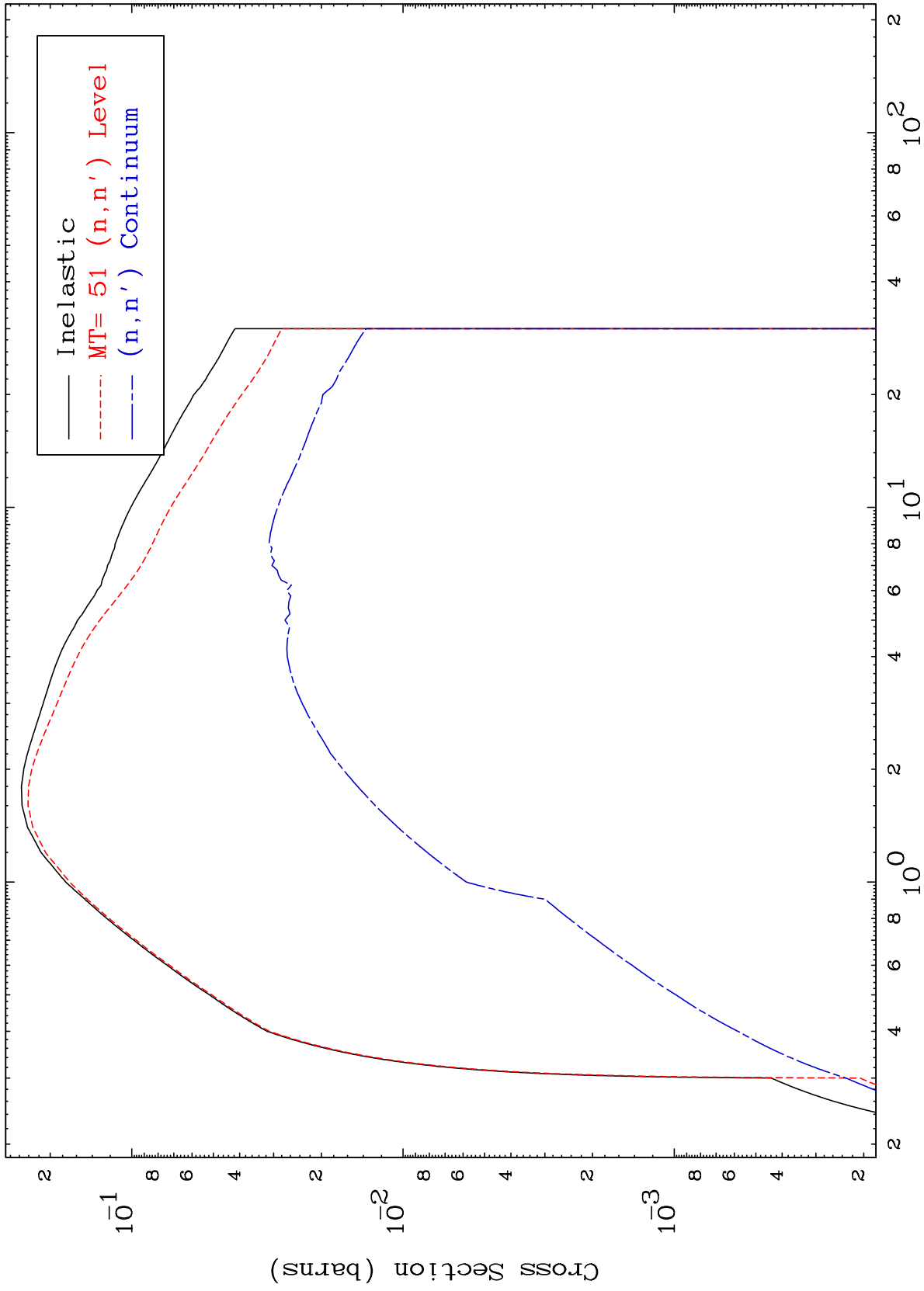
5

61-Pm-129

MAT 6095

(n,n') Level  
293 Kelvin Cross Sections

61-Pm-129



6

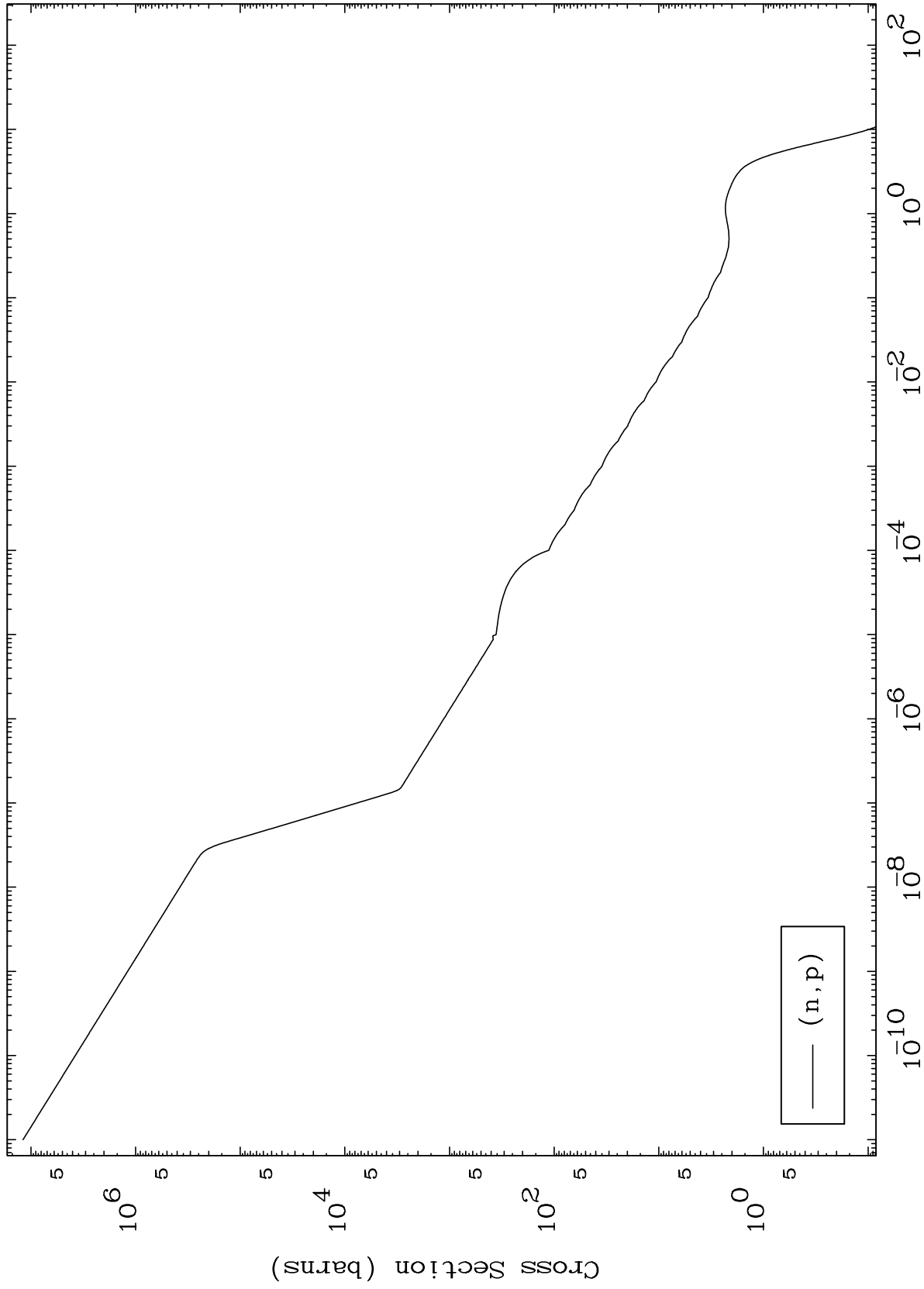
Incident Energy (MeV)

61-Pm-129

MAT 6095

(n,p) Levels  
293 Kelvin Cross Sections

61-Pm-129

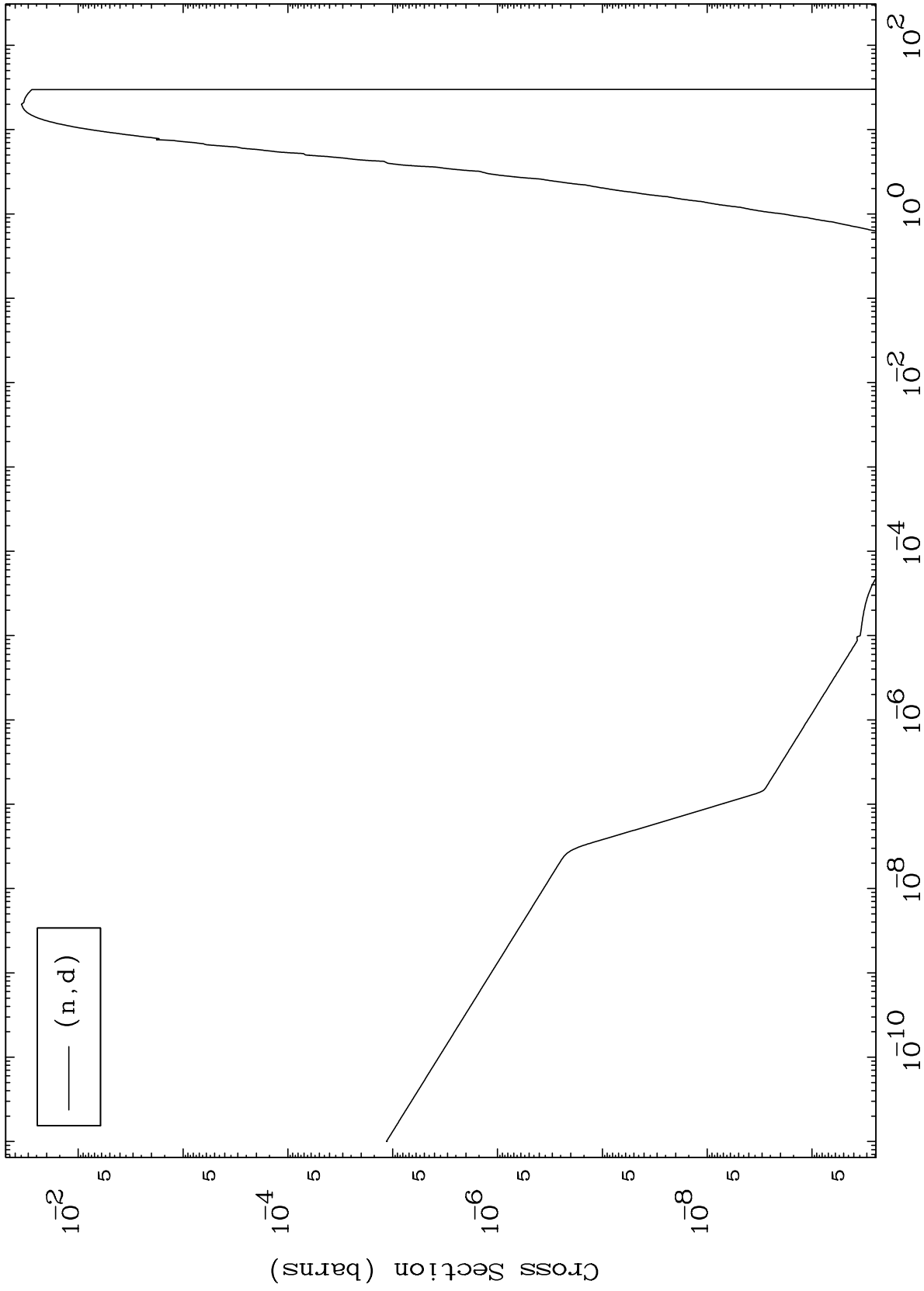




MAT 6095

(n,d) Levels  
293 Kelvin Cross Sections

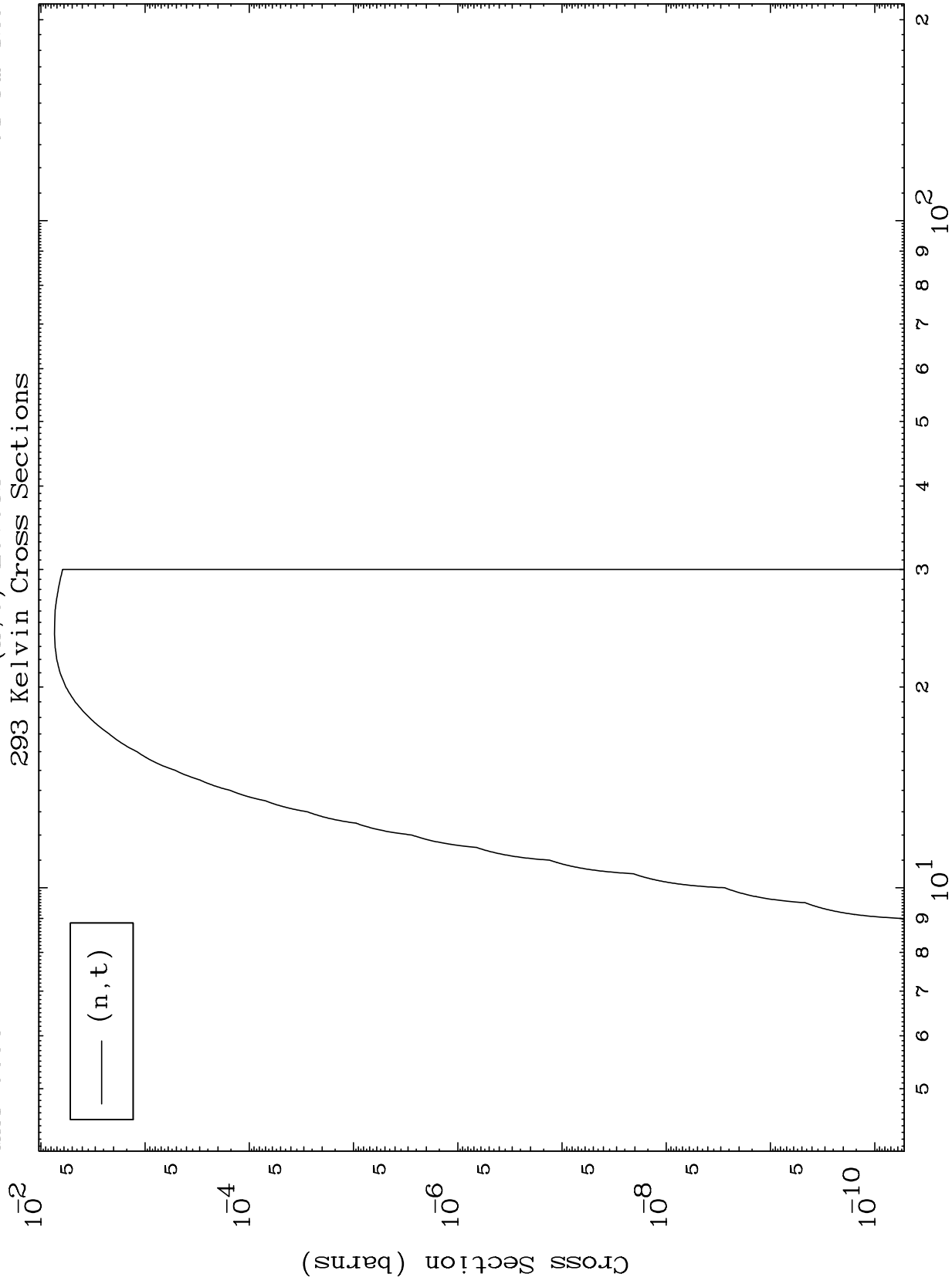
61-Pm-129



MAT 6095

(n,t) Levels  
293 Kelvin Cross Sections

61-Pm-129



9

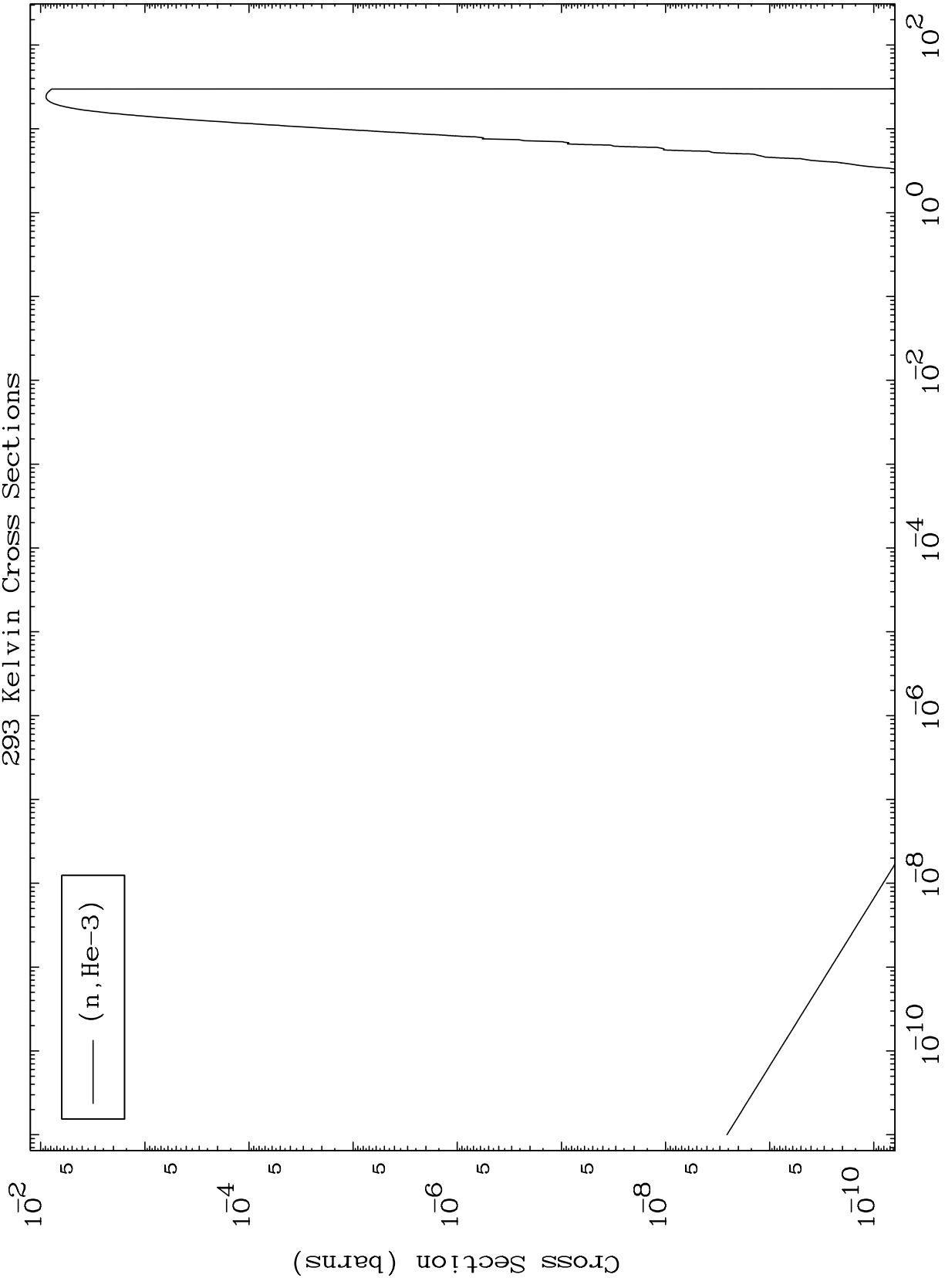
Incident Energy (MeV)

61-Pm-129

MAT 6095

(n,He3) Levels  
293 Kelvin Cross Sections

61-Pm-129



10

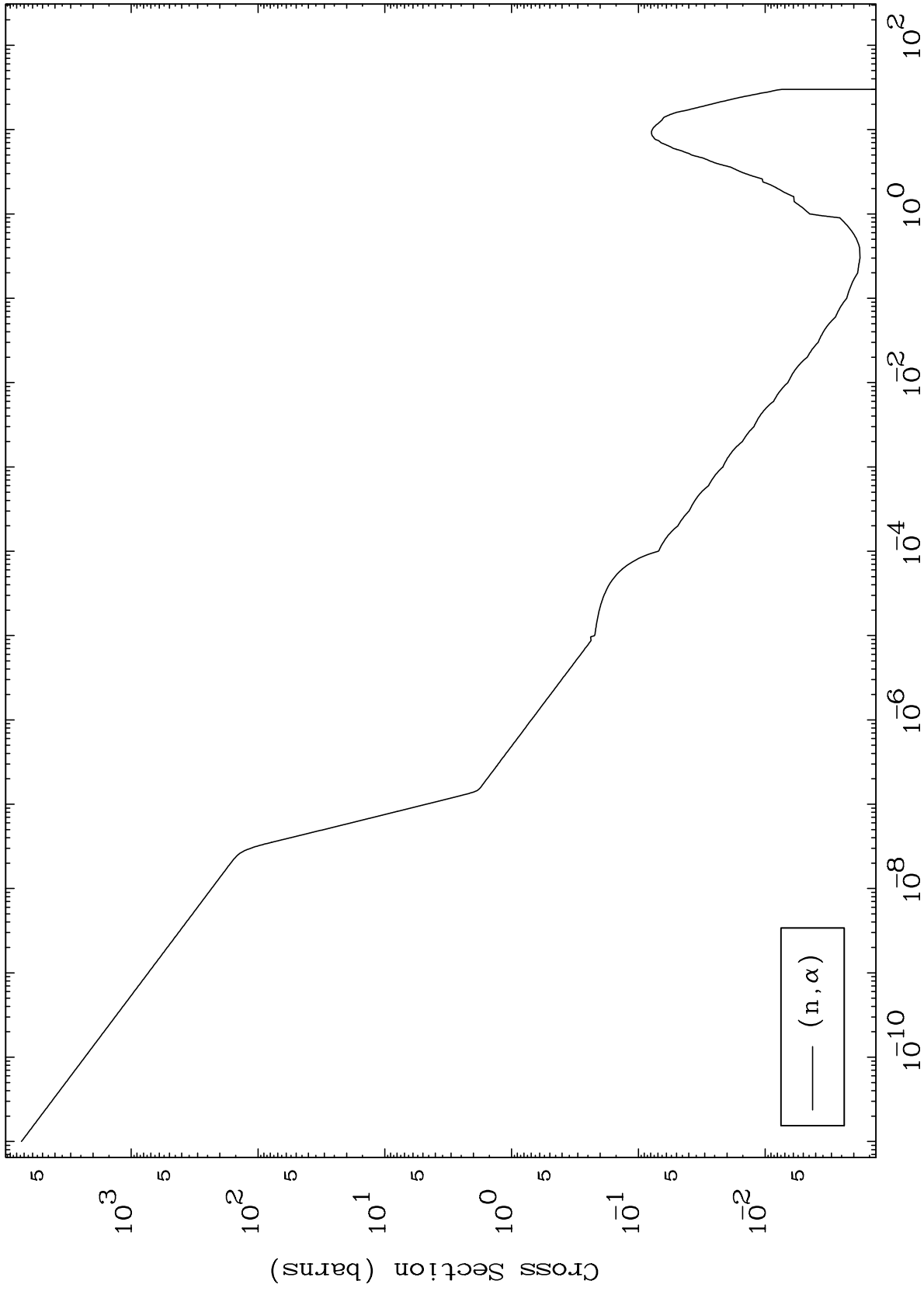
Incident Energy (MeV)

61-Pm-129

MAT 6095

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

61-Pm-129



11

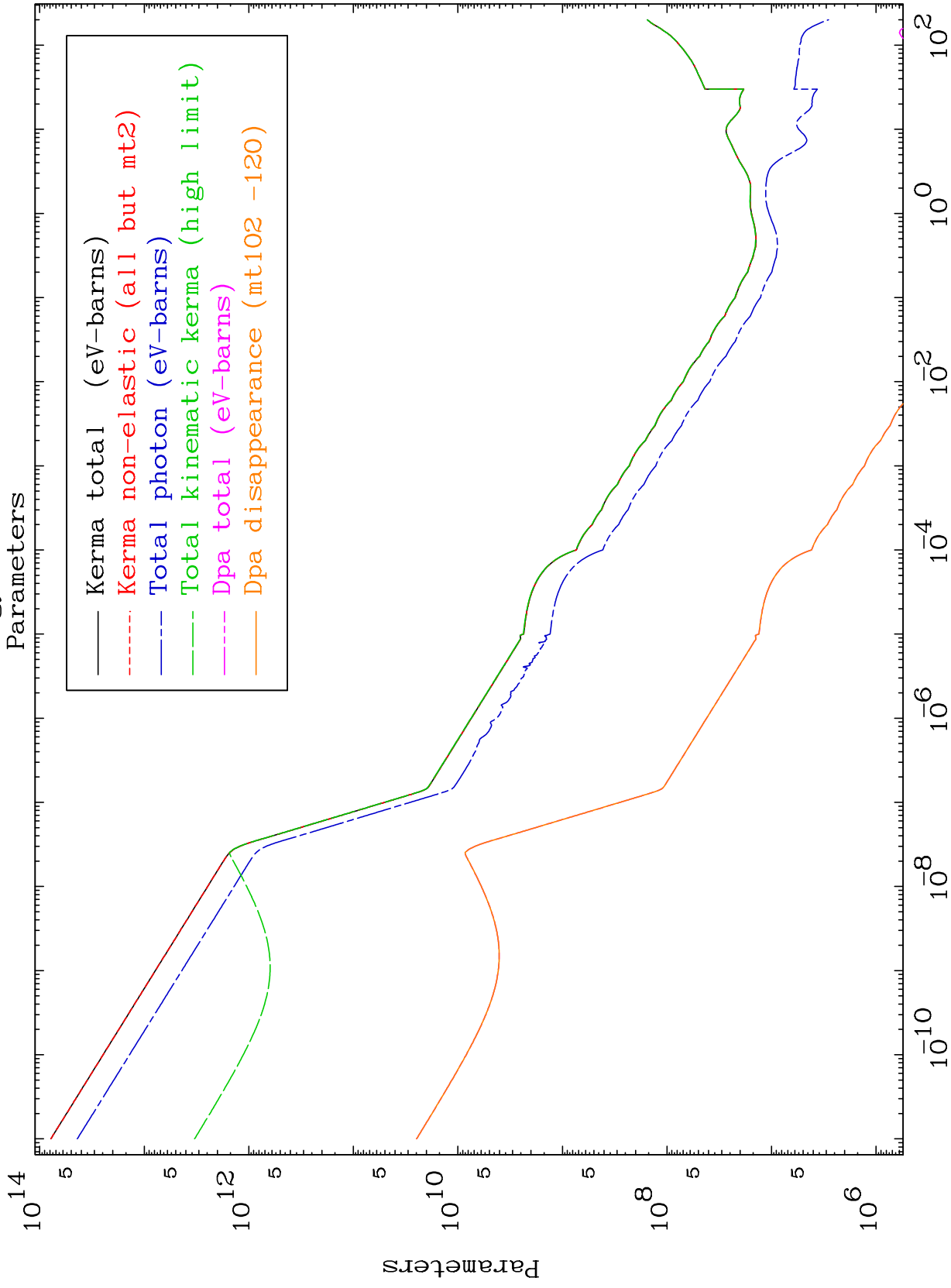
Incident Energy (MeV)

61-Pm-129

MAT 6095

Energy Release  
Parameters

61-Pm-129



12

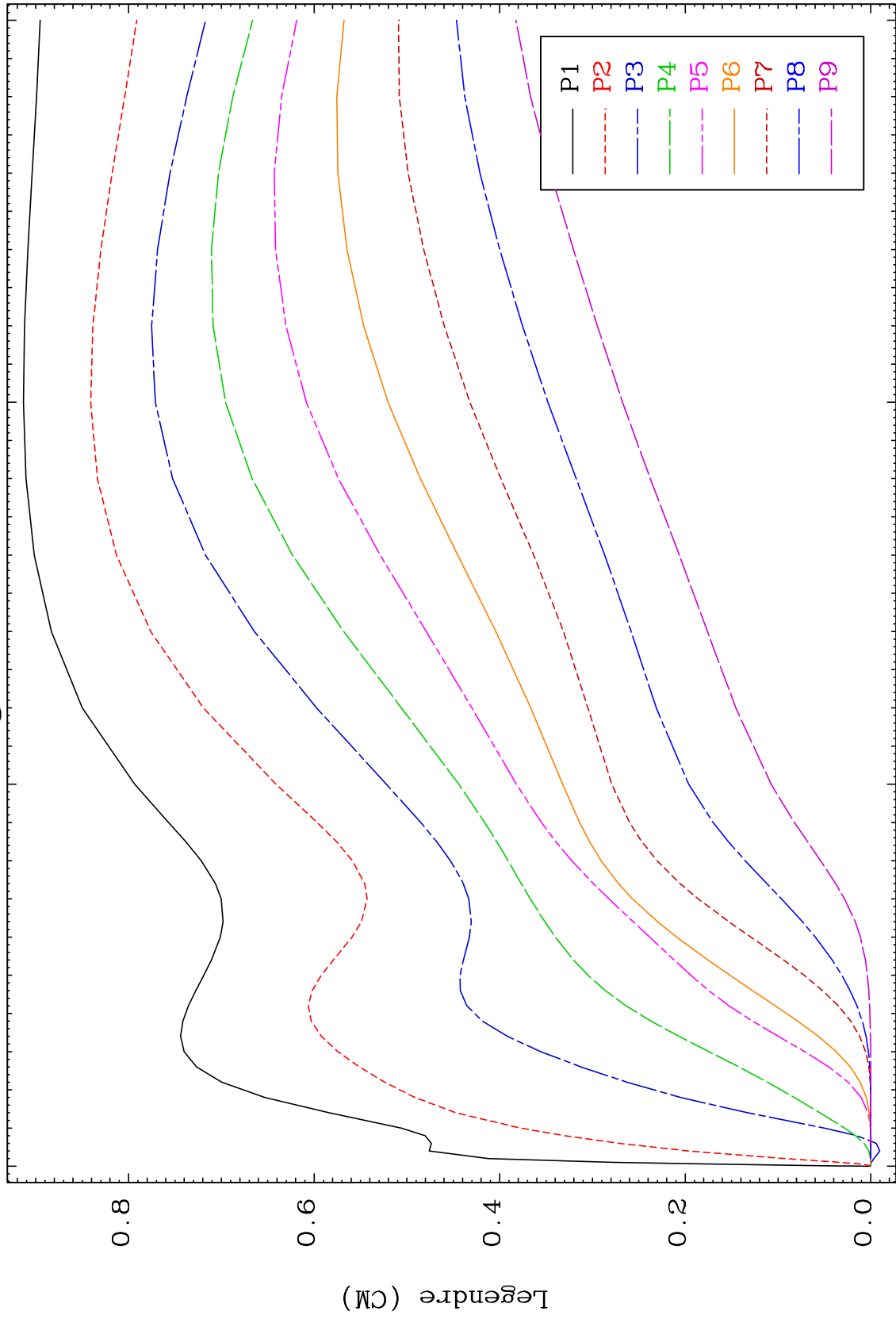
Incident Energy (MeV)

61-Pm-129

MAT 6095

Elastic Legendre Coefficients

61-Pm-129



13

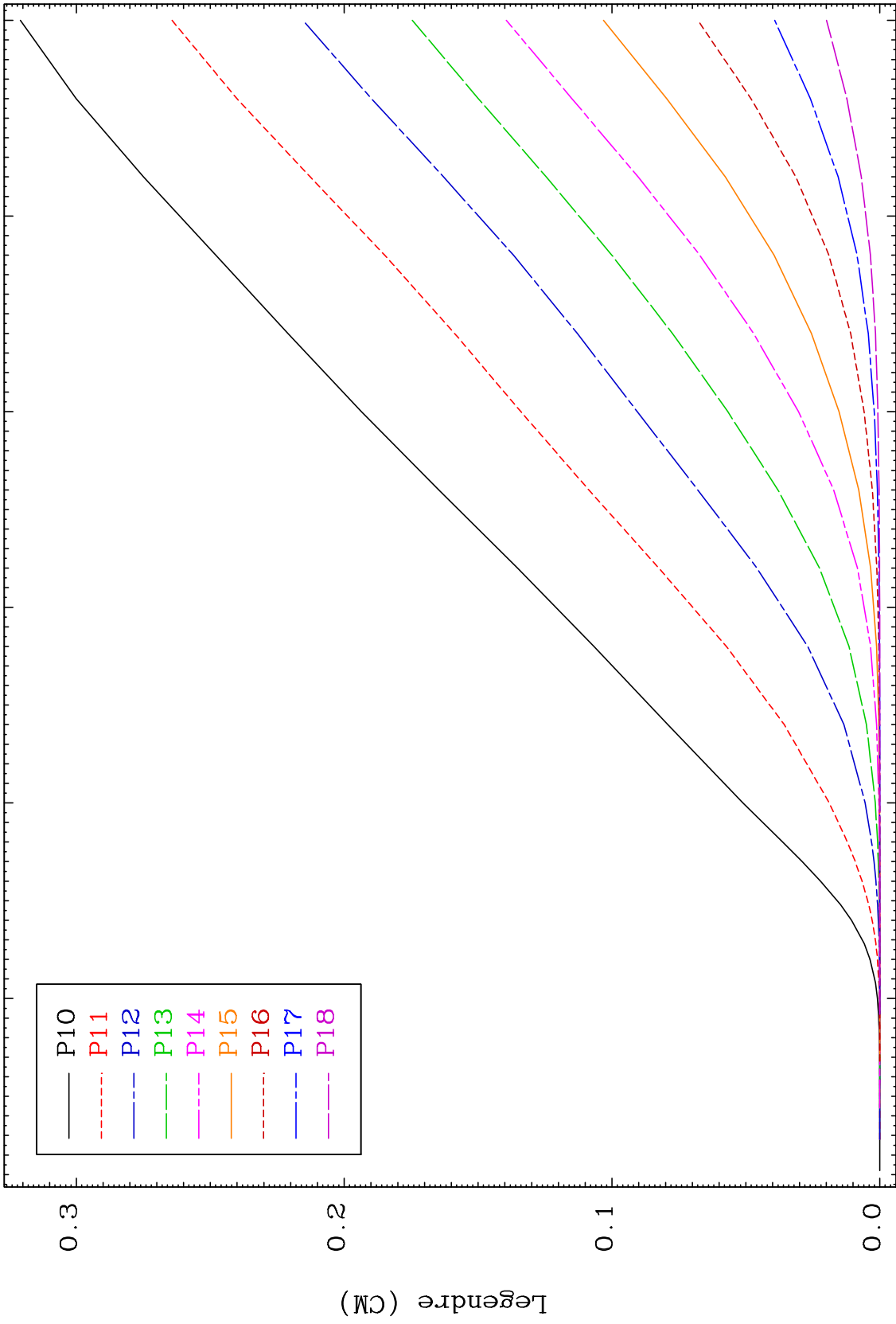
Incident Energy (MeV)

61-Pm-129

MAT 6095

Elastic Legendre Coefficients

61-Pm-129



14

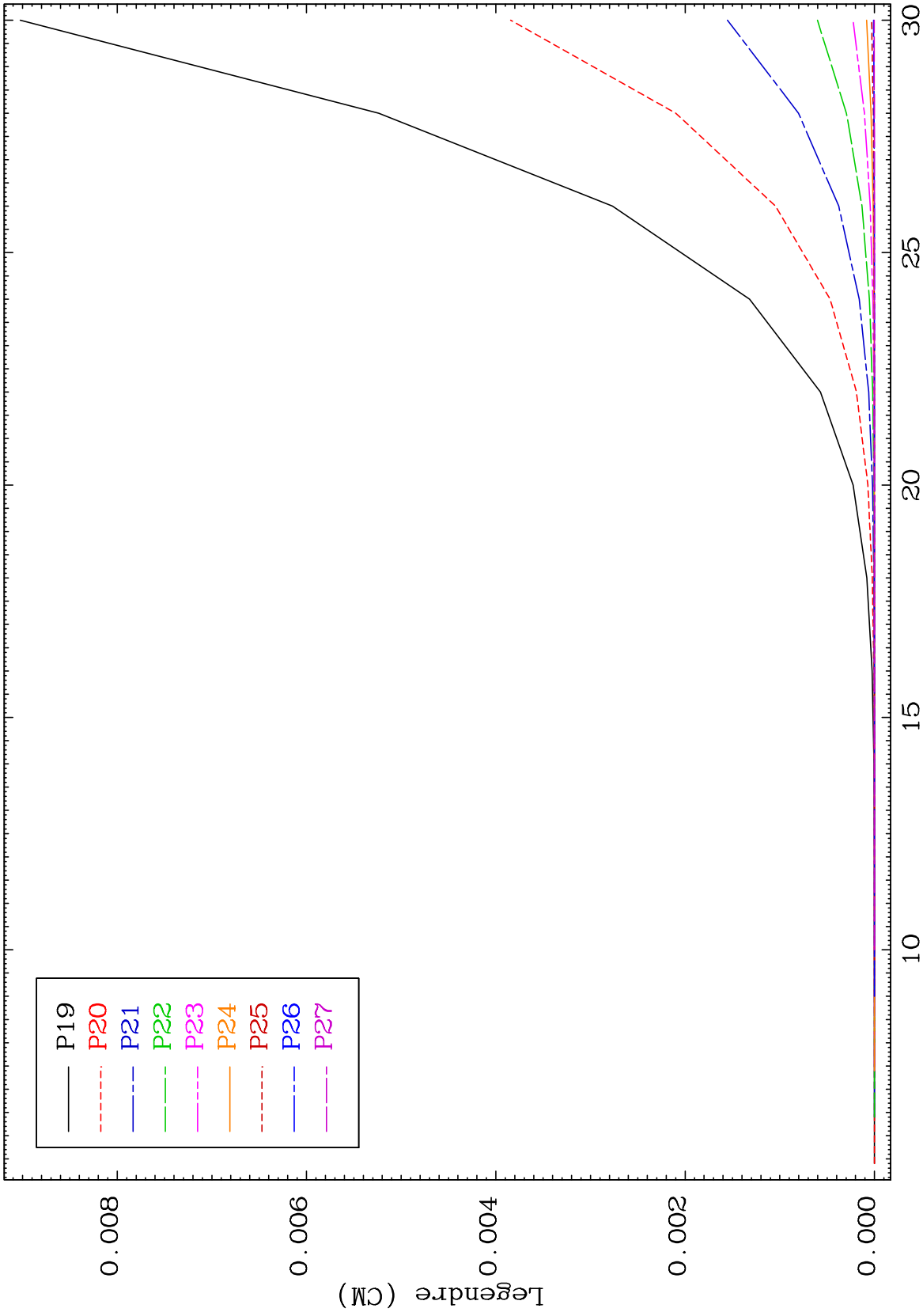
Incident Energy (MeV)

61-Pm-129

MAT 6095

Elastic Legendre Coefficients

61-Pm-129



15

Incident Energy (MeV)

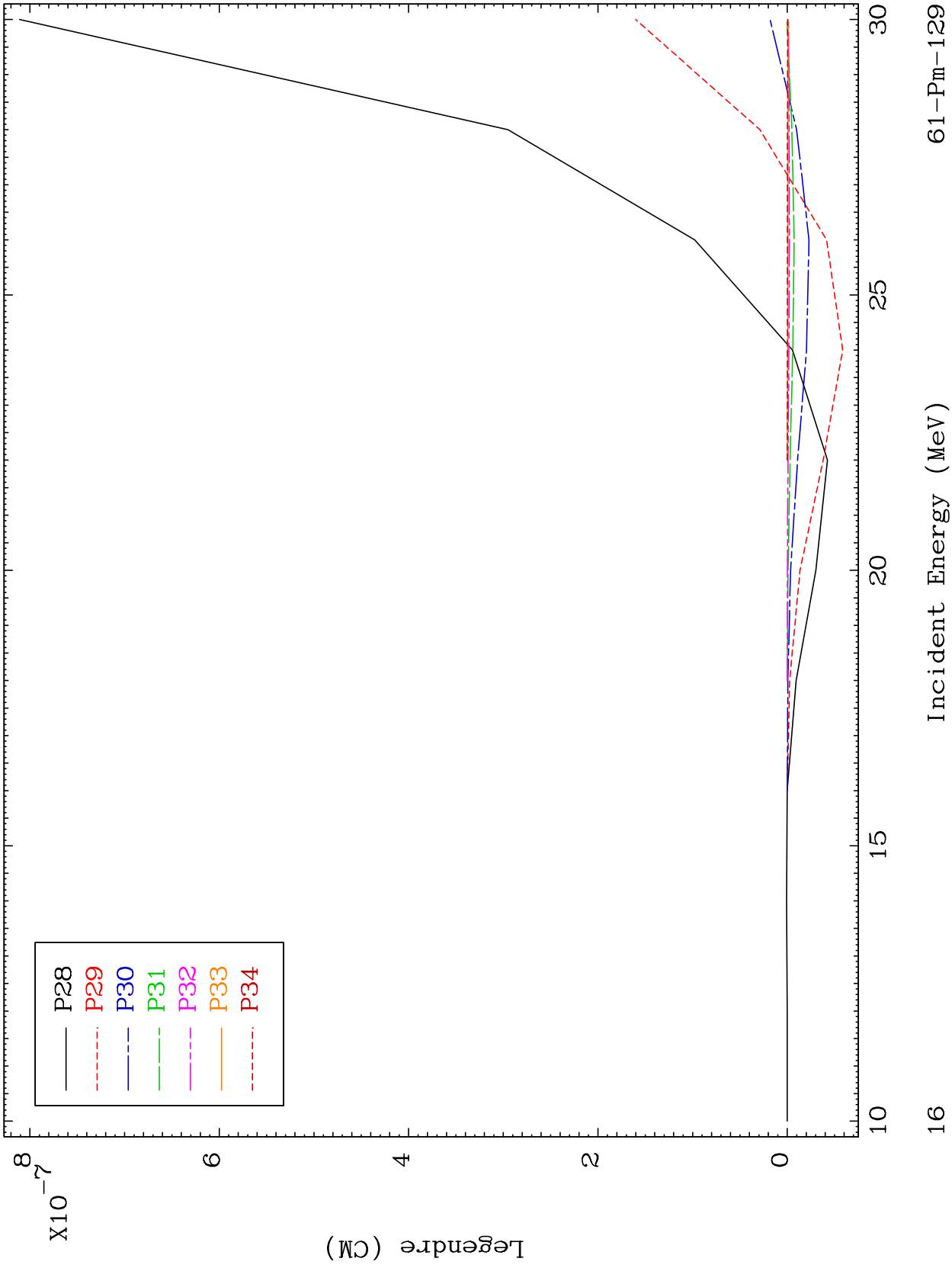
61-Pm-129



MAT 6095

Elastic Legendre Coefficients

61-Pm-129



16

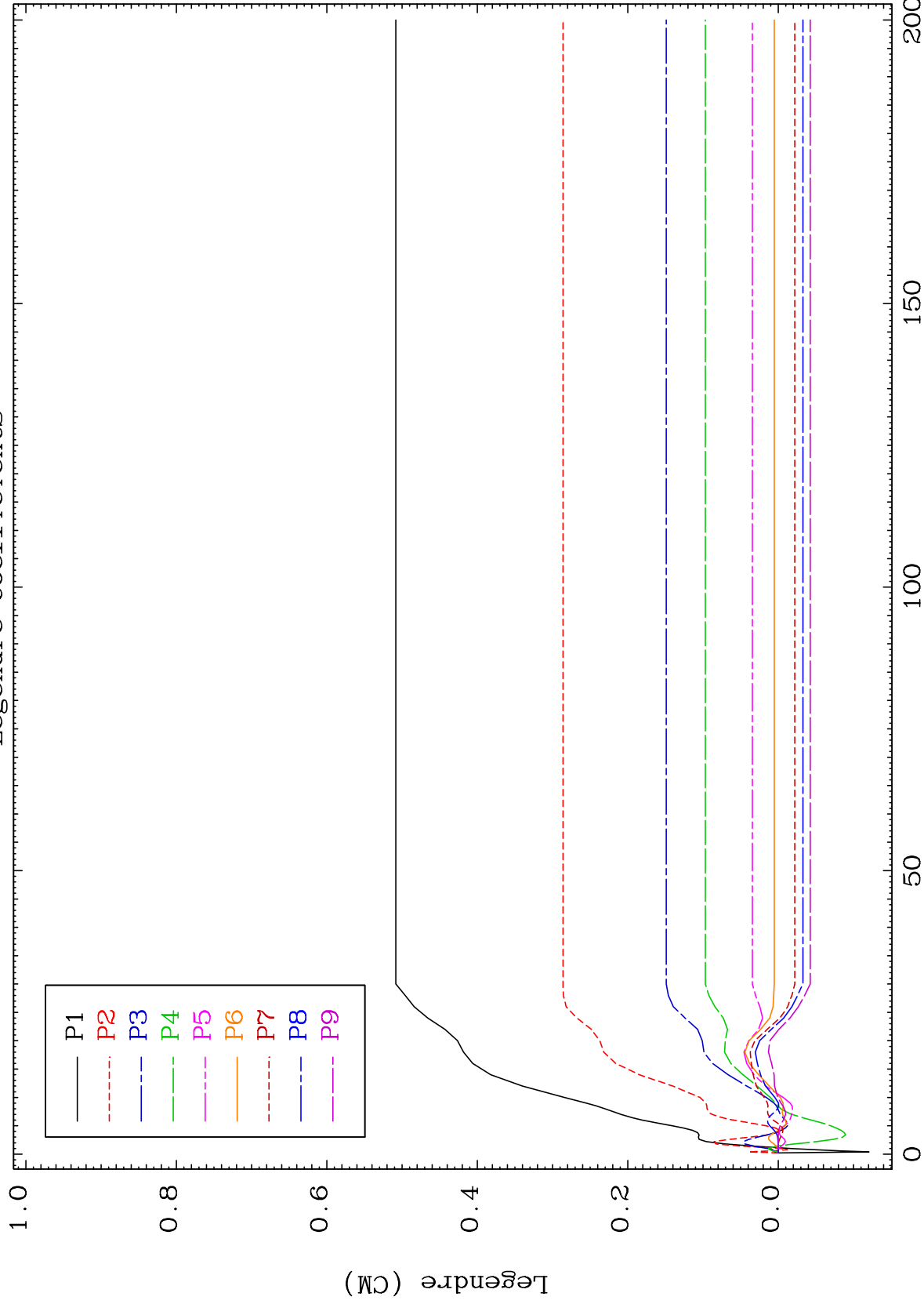
Incident Energy (MeV)

61-Pm-129

MAT 6095

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

61-Pm-129



17

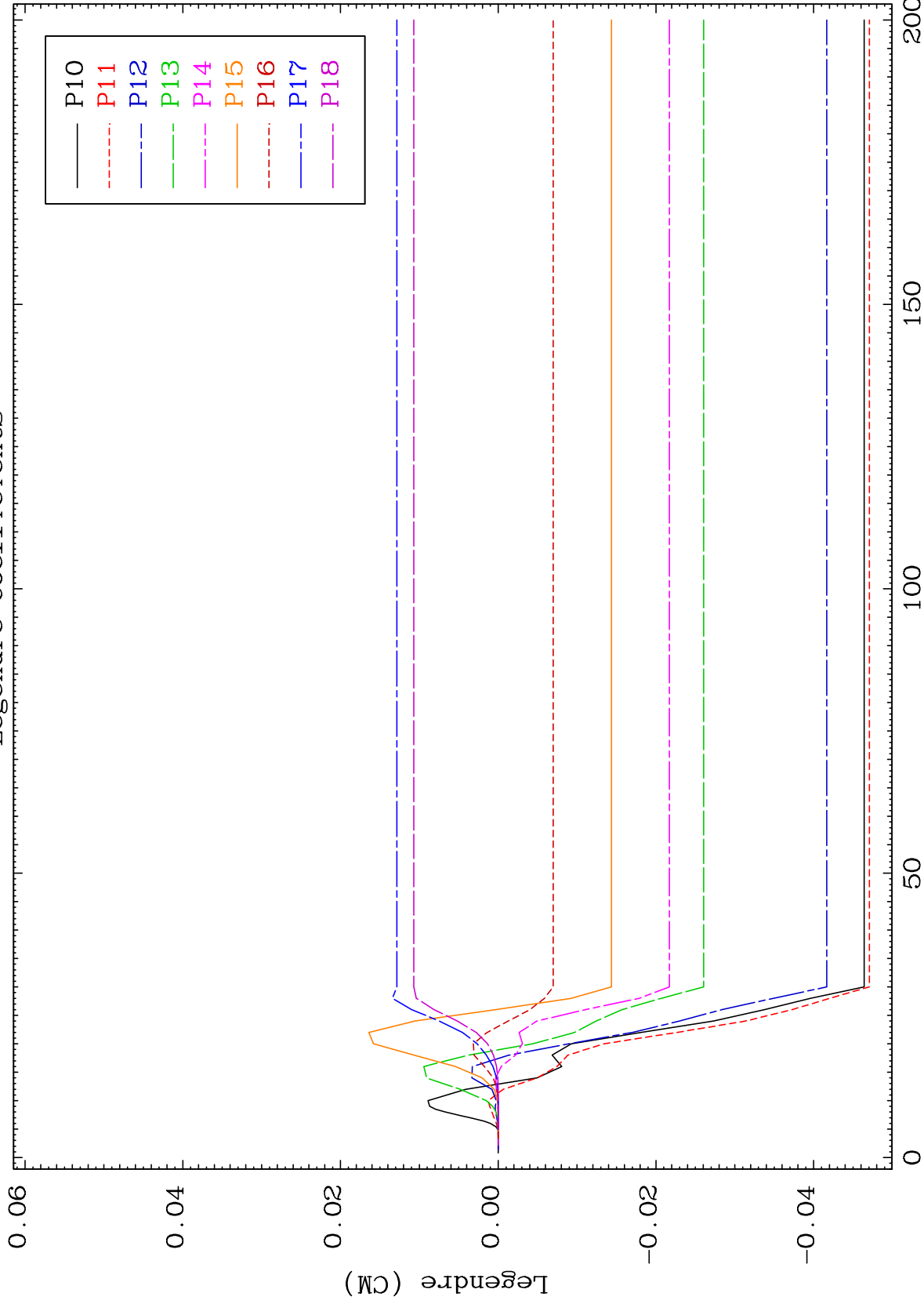
Incident Energy (MeV)

61-Pm-129

MAT 6095

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

61-Pm-129



18

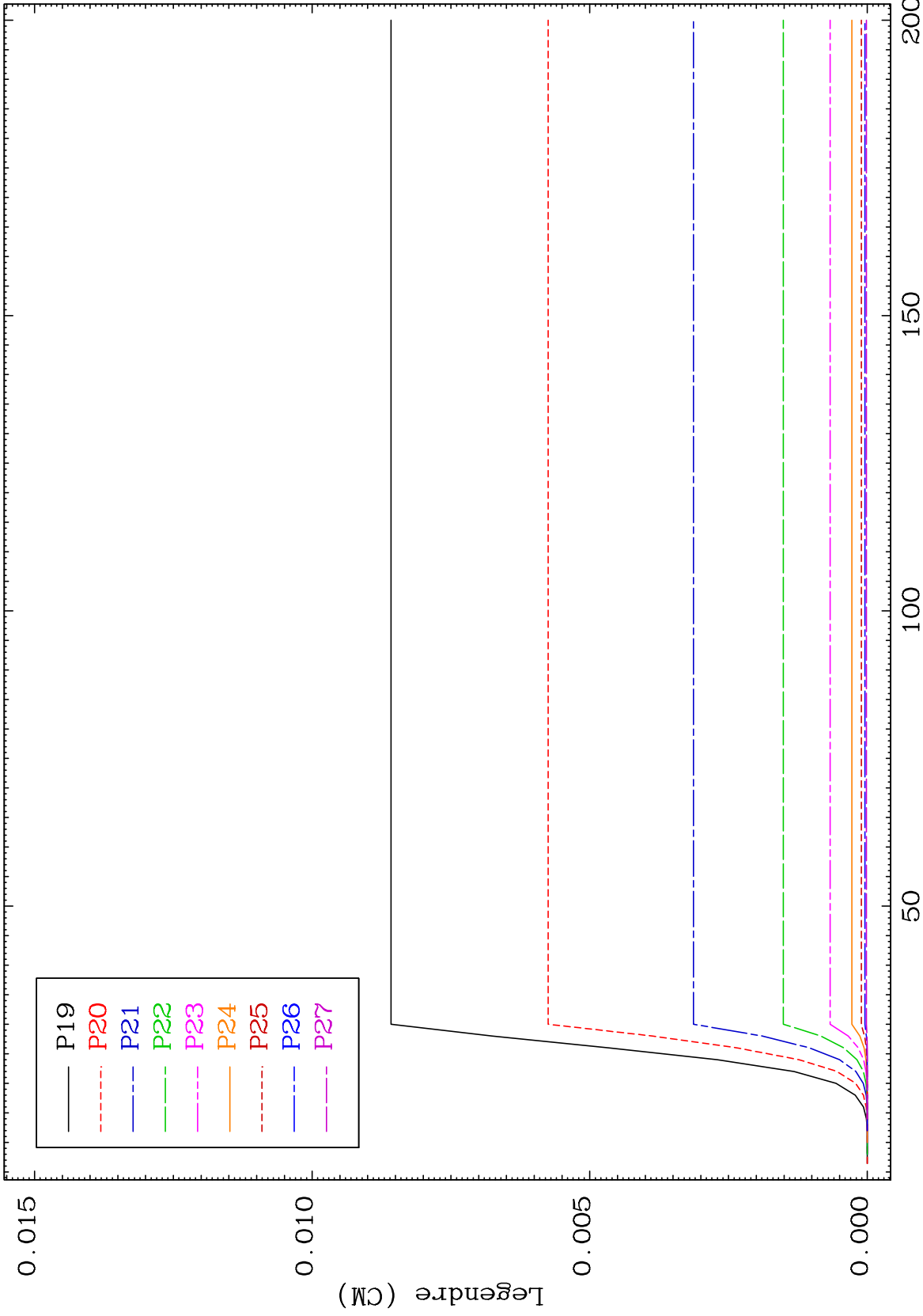
Incident Energy (MeV)

61-Pm-129

MAT 6095

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

61-Pm-129



19

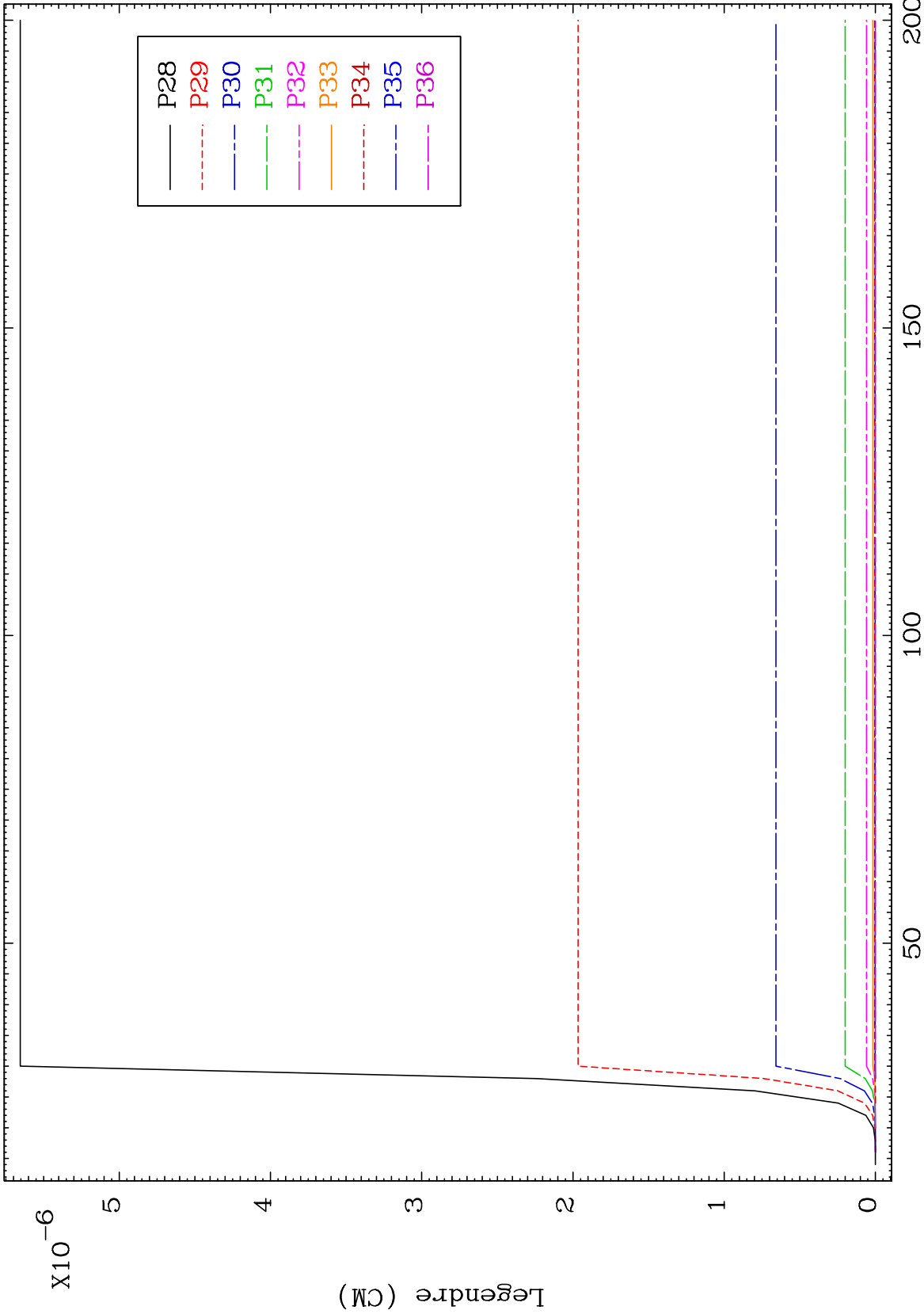
Incident Energy (MeV)

61-Pm-129

MAT 6095

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

61-Pm-129



20

50

100

150

200

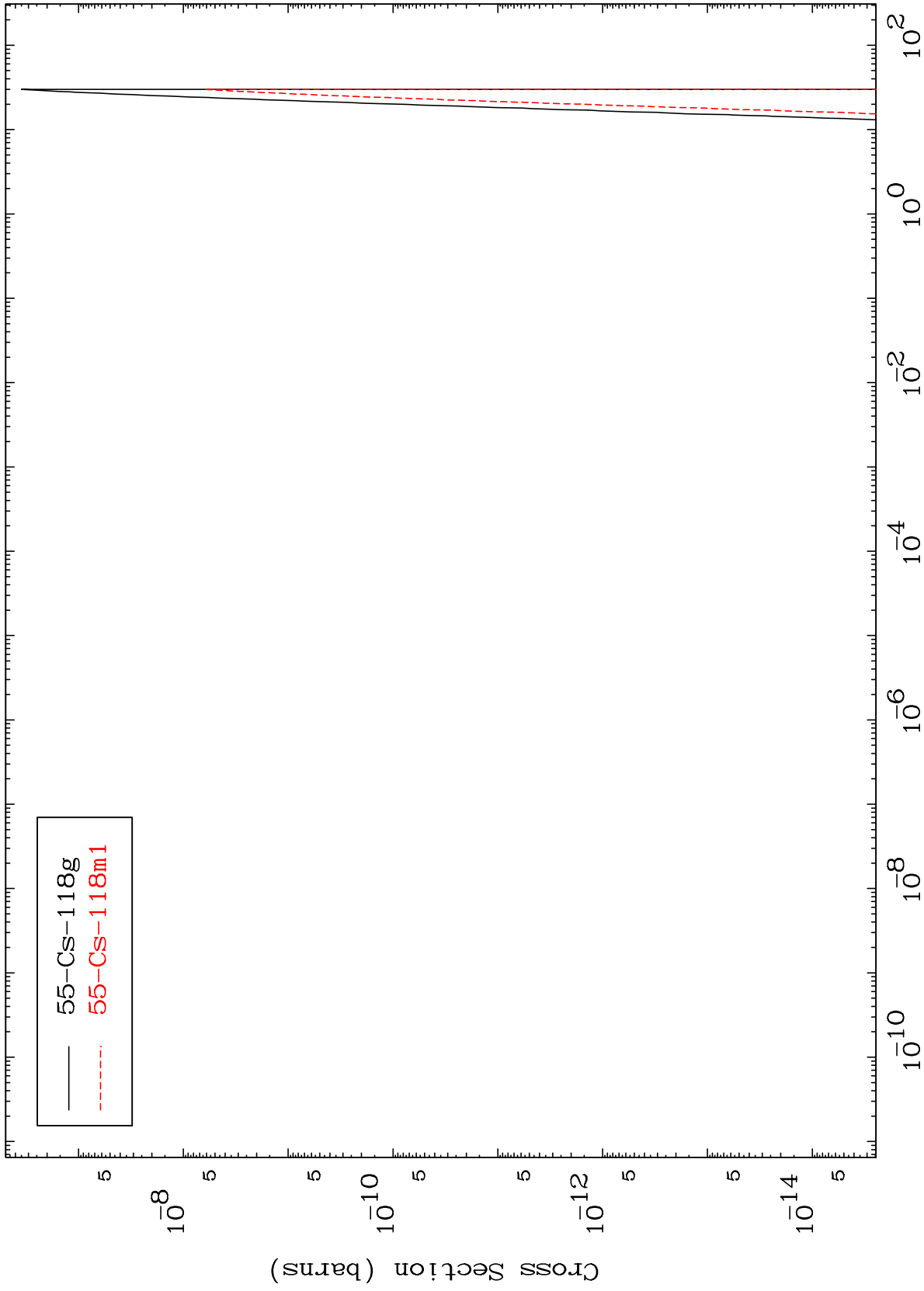
61-Pm-129

MAT 6095

(n,3α)

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Radionuclide Production Cross Section



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Incident Energy (MeV)

61-Pm-129