

Program EVALPLOT  
(Version 2015-2)

by

Dermott E. Cullen  
(Present Contact Information)

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

Tele: 925-443-1911

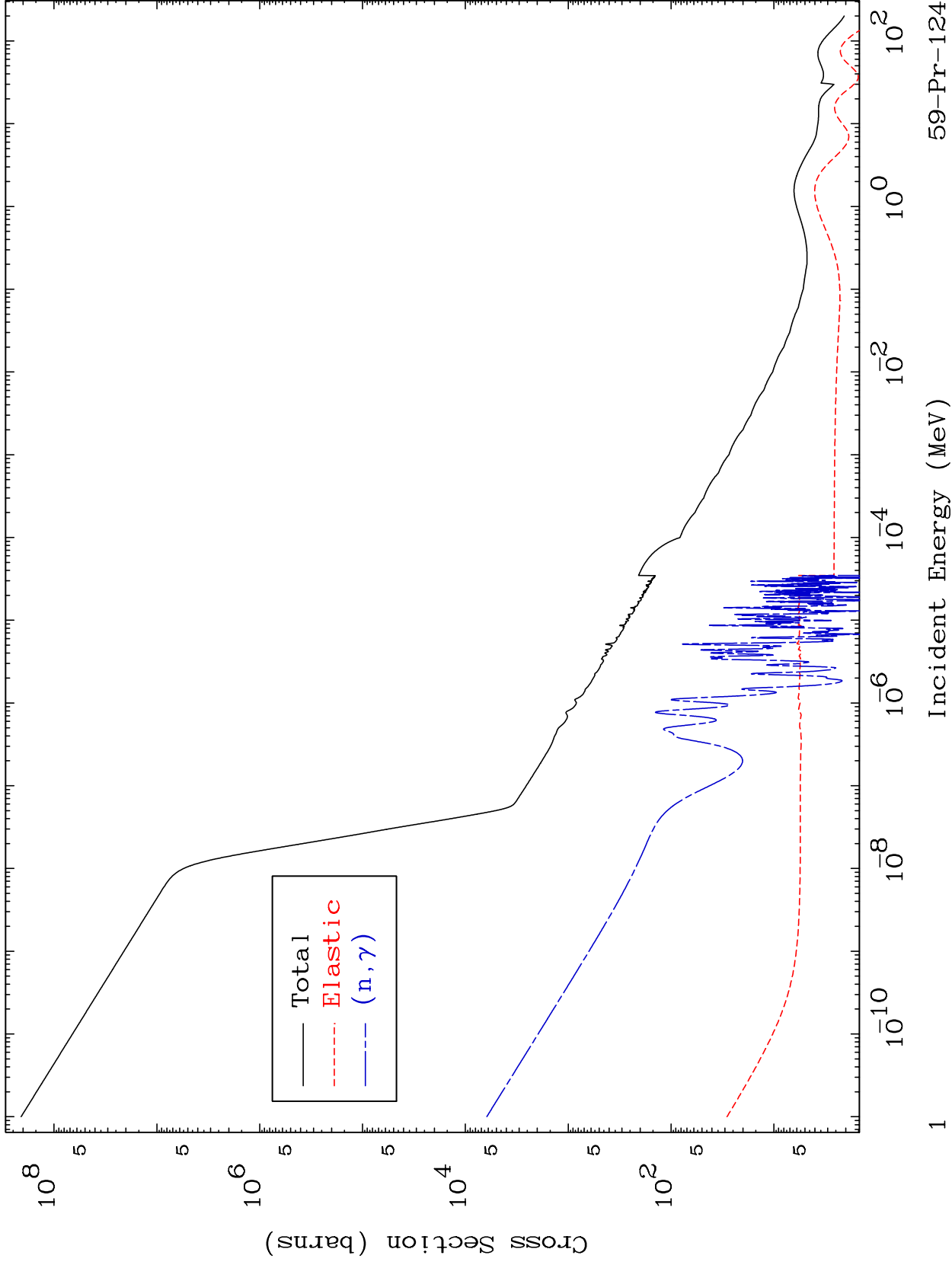
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5874

Major  
293 Kelvin Cross Sections

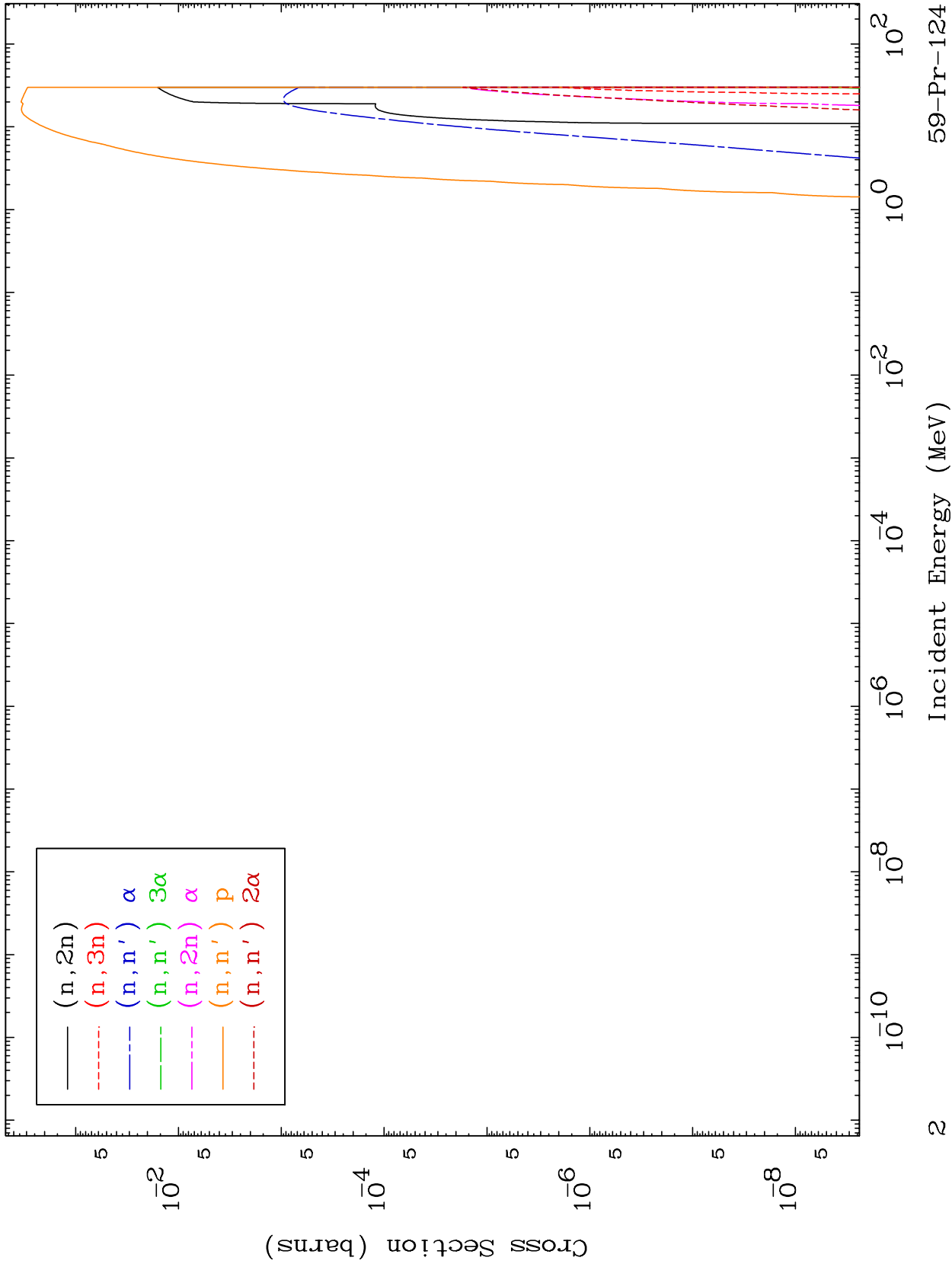
59-Pr-124

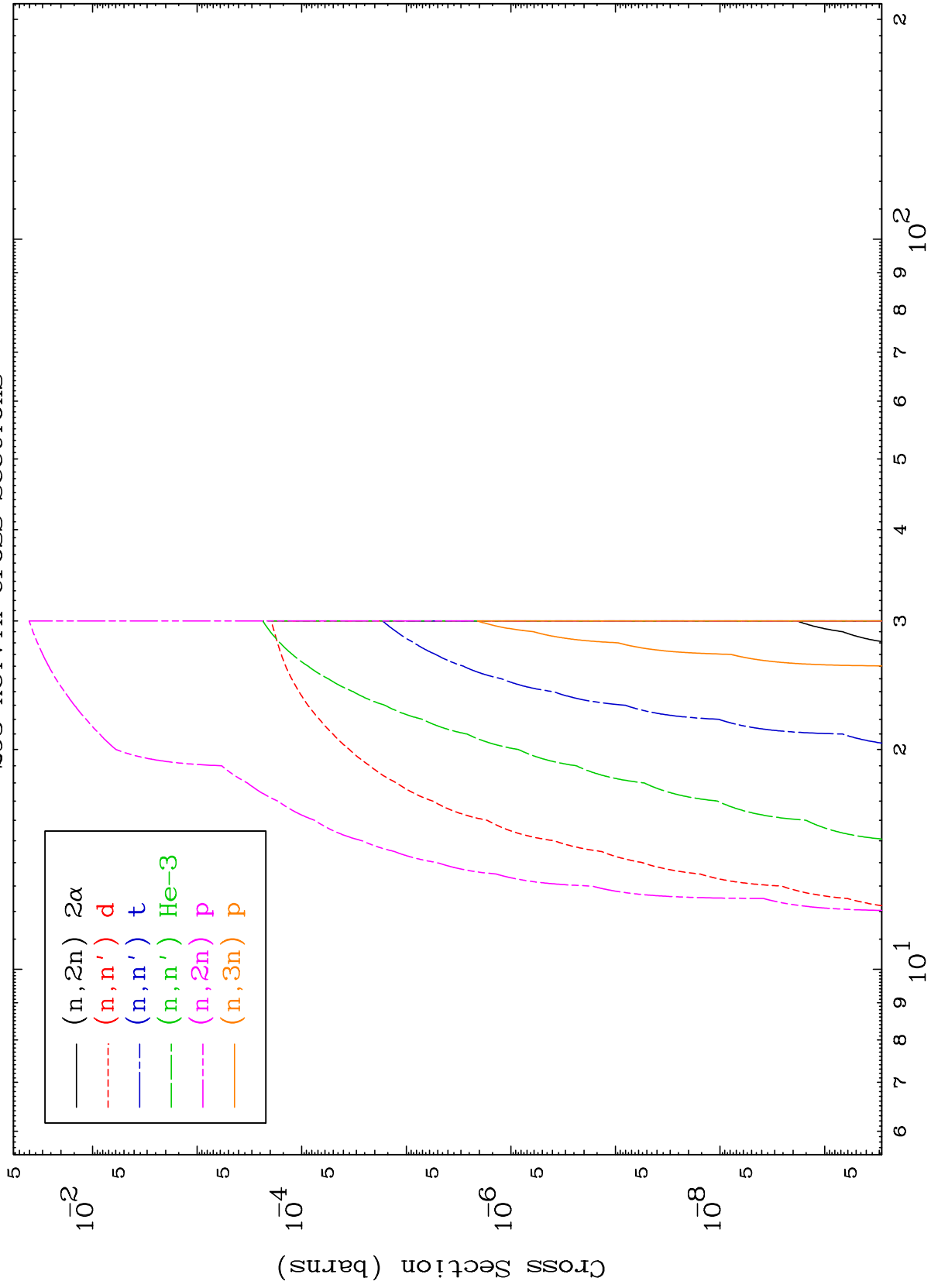


MAT 5874

Neutron Production  
293 Kelvin Cross Sections

59-Pr-124

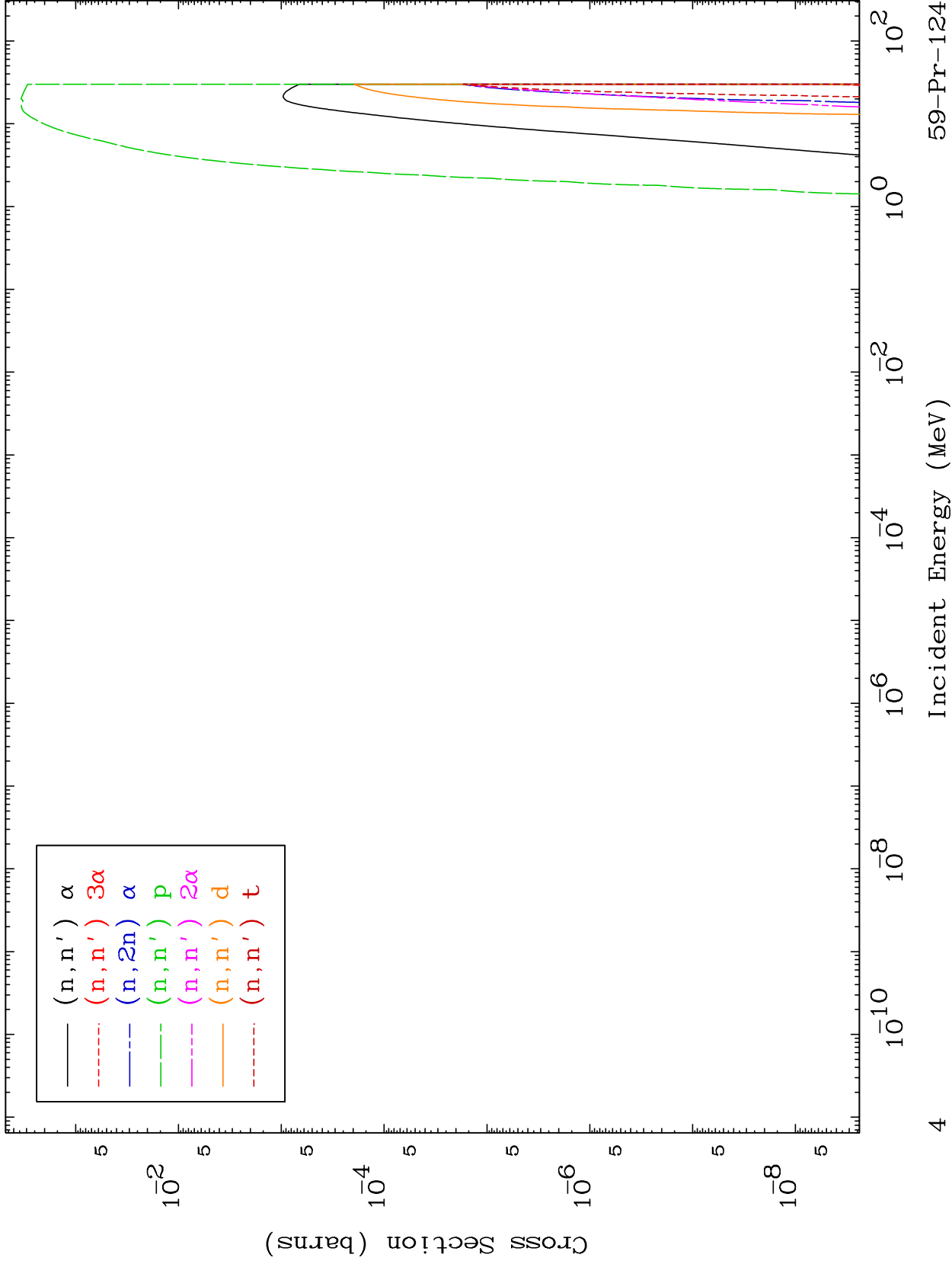


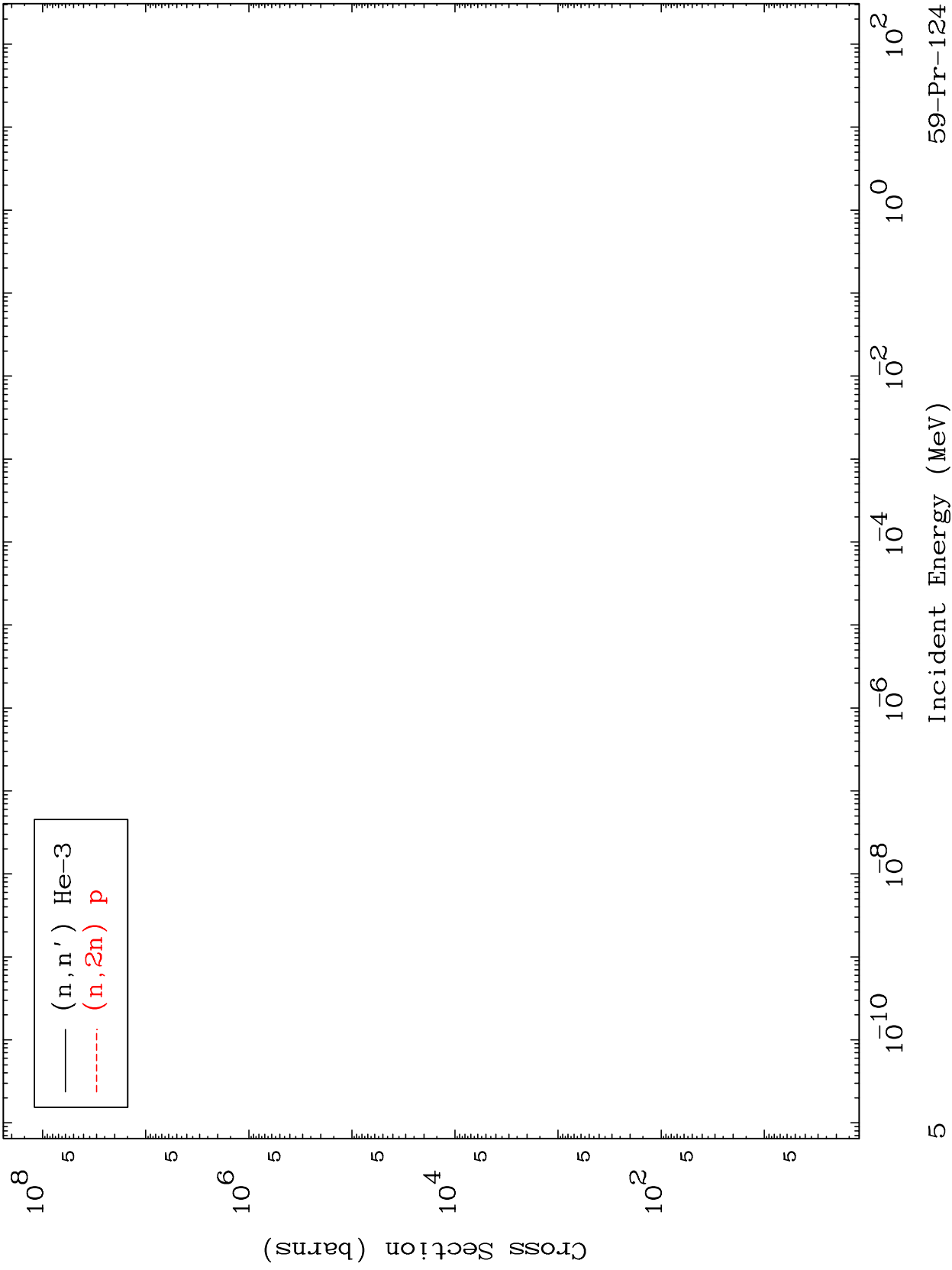


MAT 5874

Charged Particle  
293 Kelvin Cross Sections

59-Pr-124

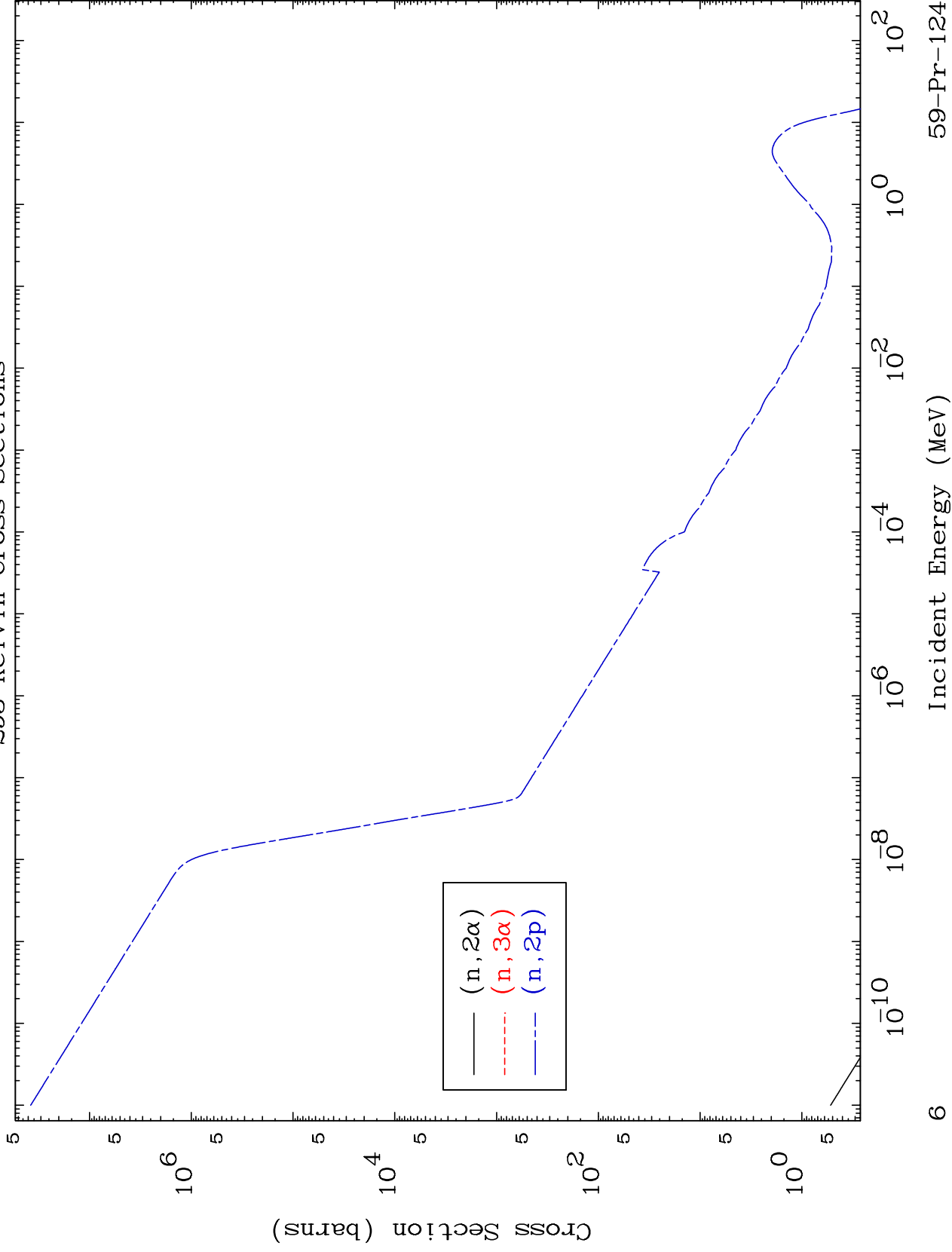


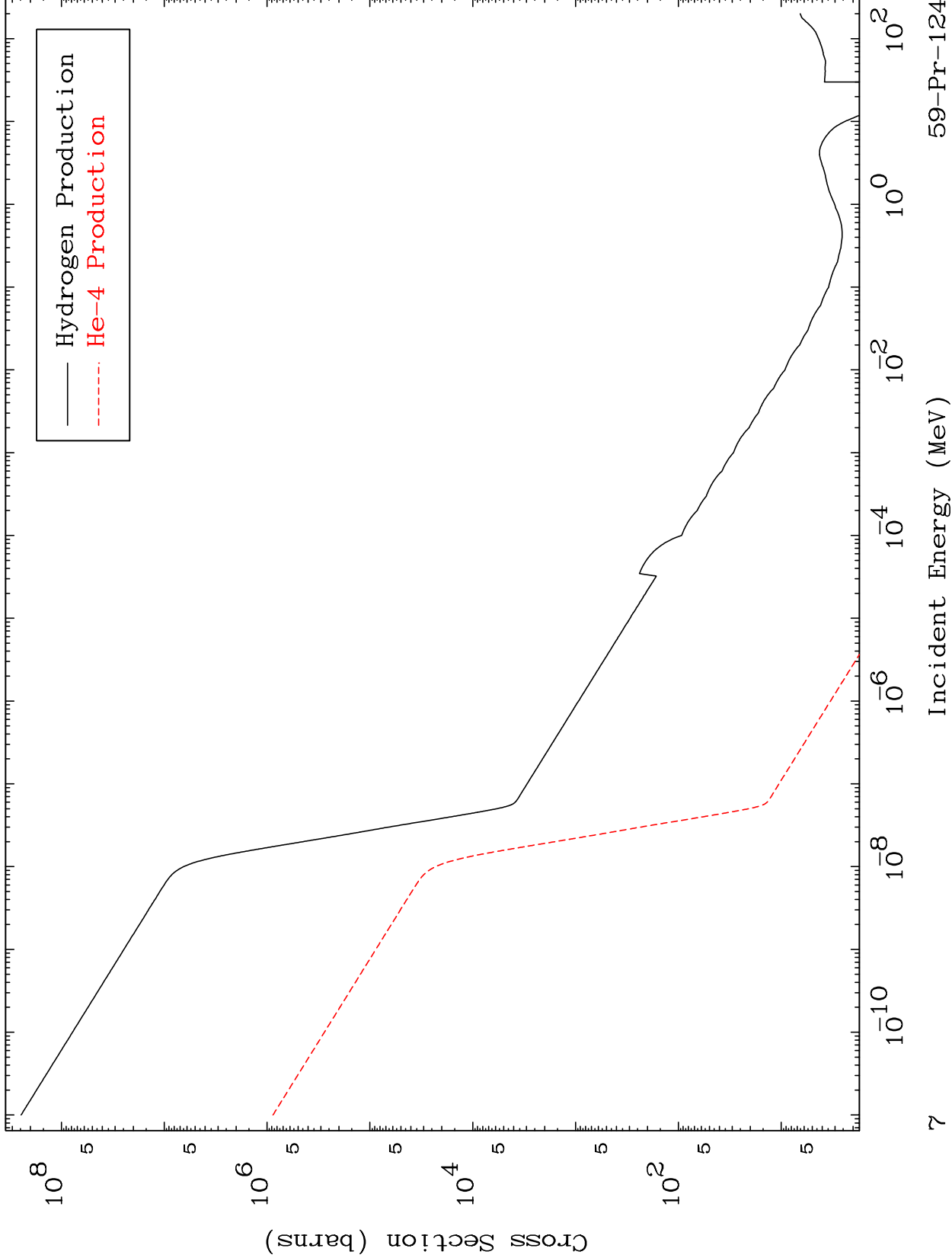


MAT 5874

Charged Particle  
293 Kelvin Cross Sections

59-Pr-124





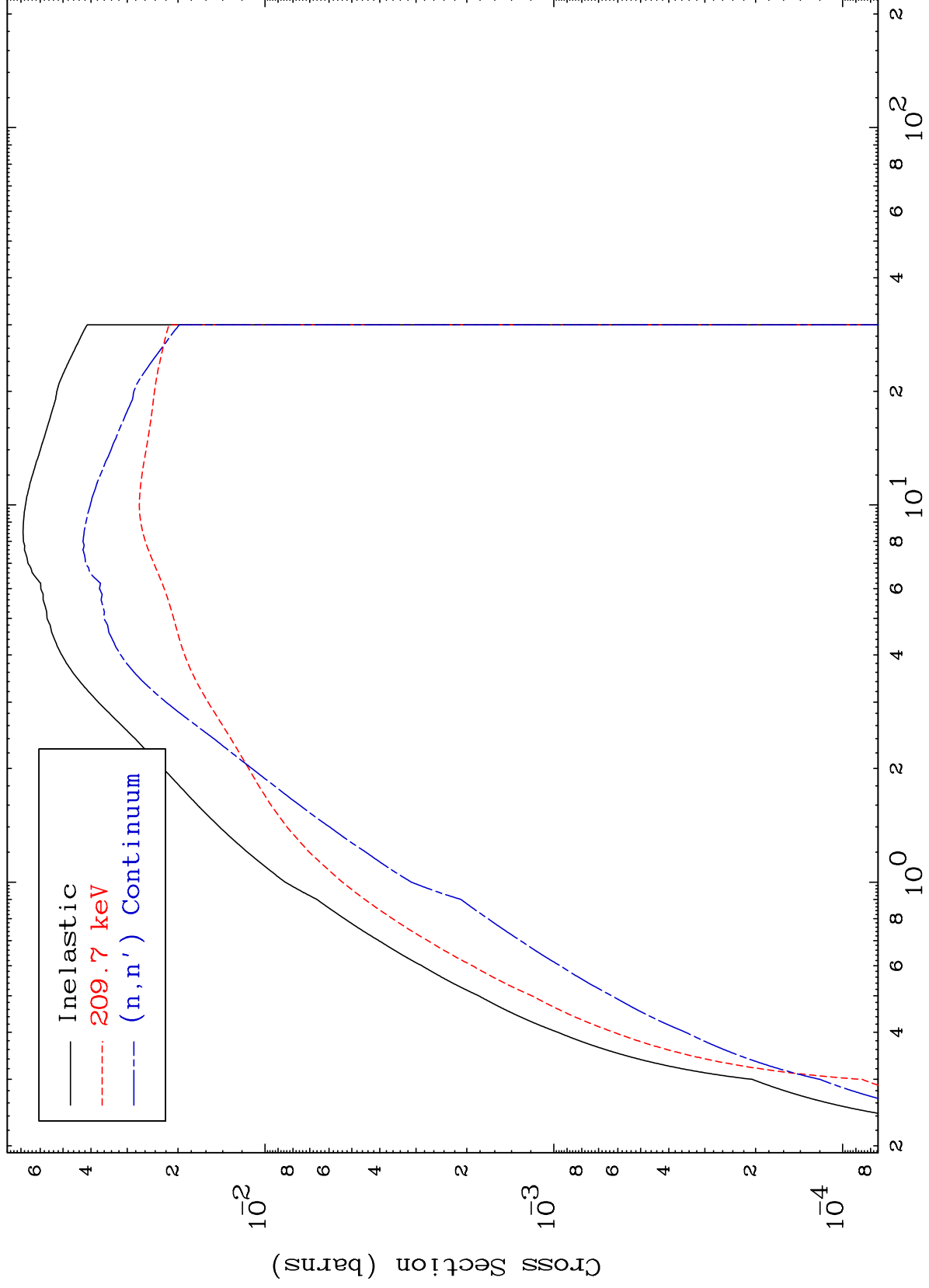


MAT 5874

(n,n') Level

59-Pr-124

293 Kelvin Cross Sections



8

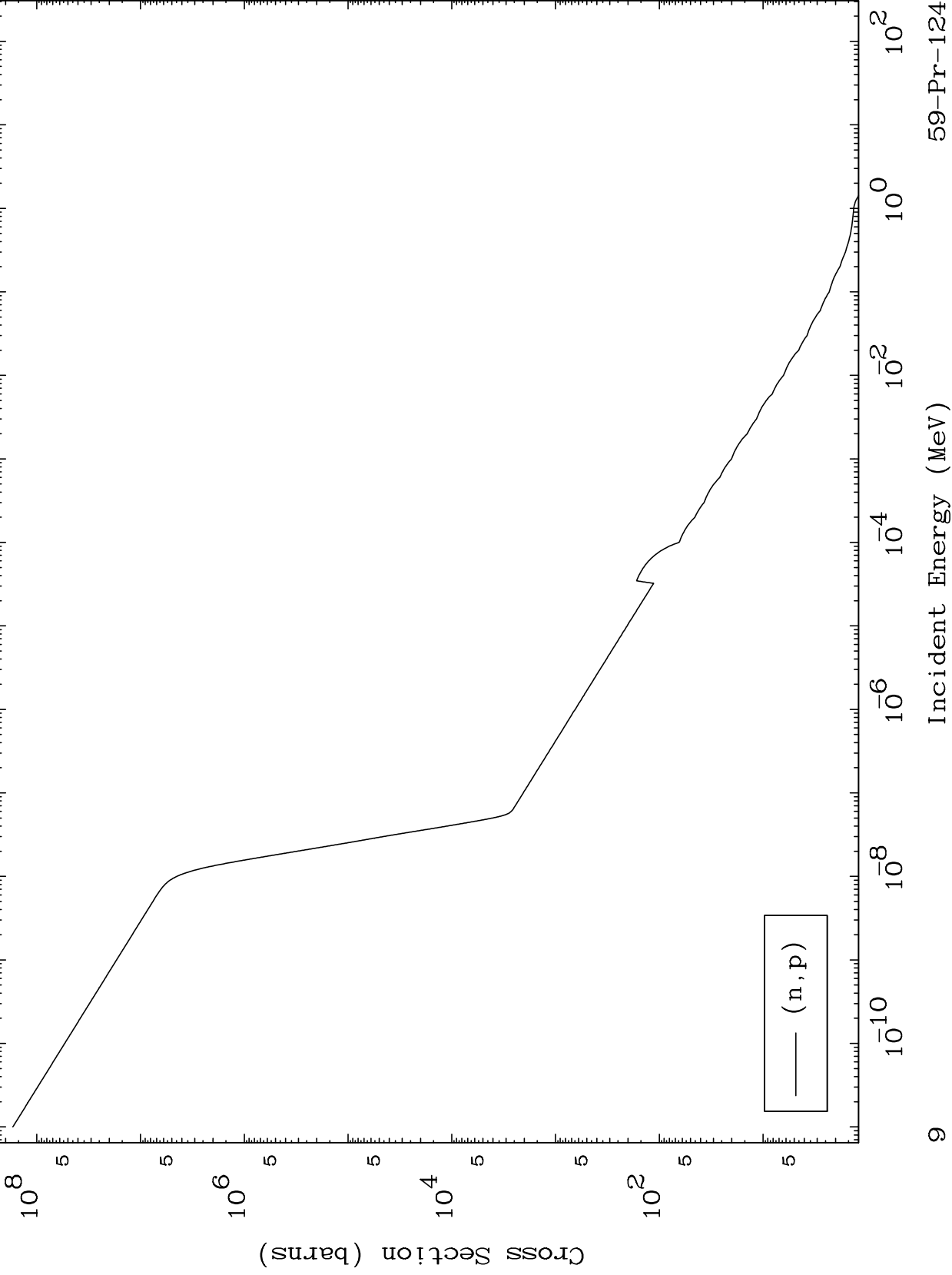
Incident Energy (MeV)

59-Pr-124

MAT 5874

(n,p) Levels  
293 Kelvin Cross Sections

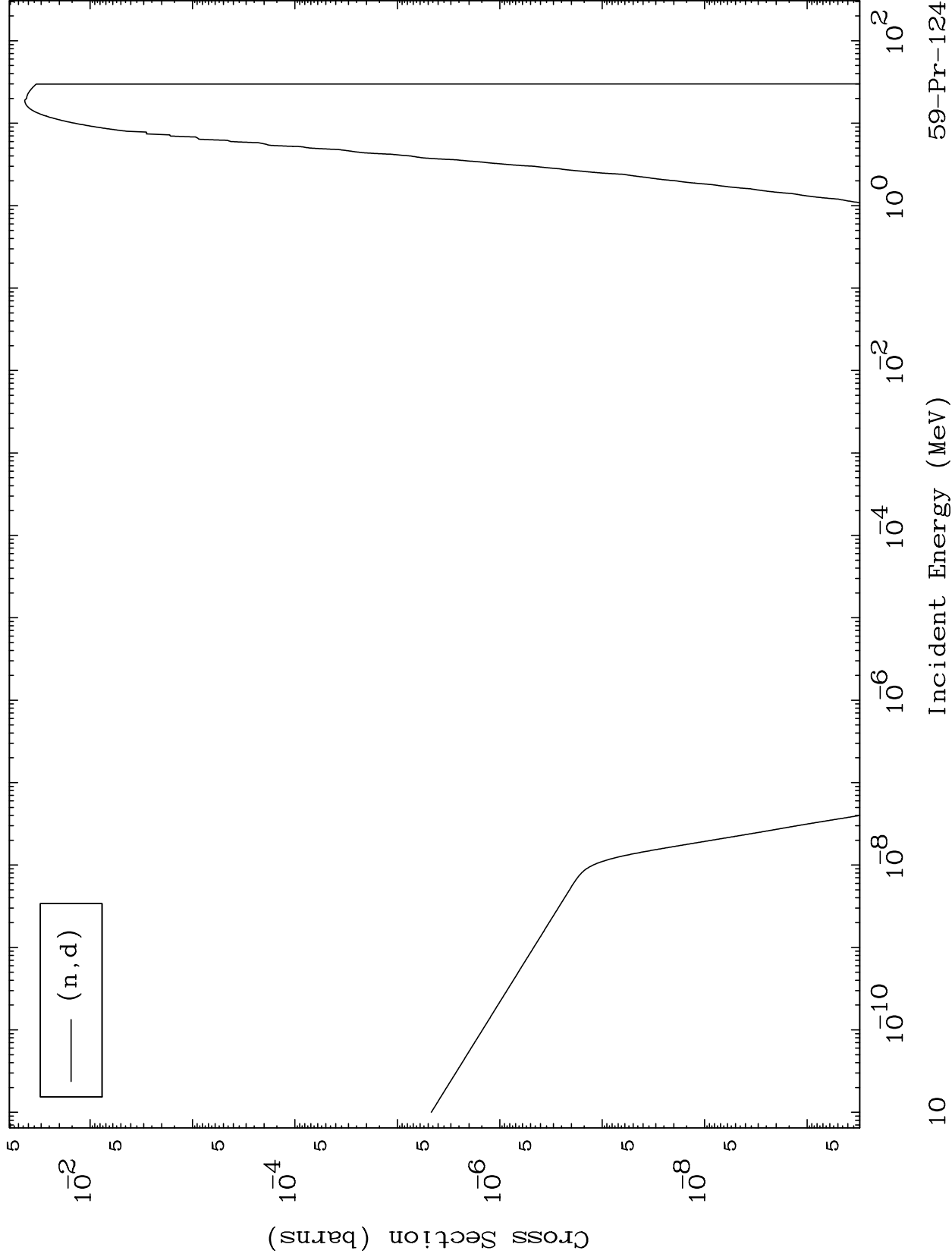
59-Pr-124



MAT 5874

(n,d) Levels  
293 Kelvin Cross Sections

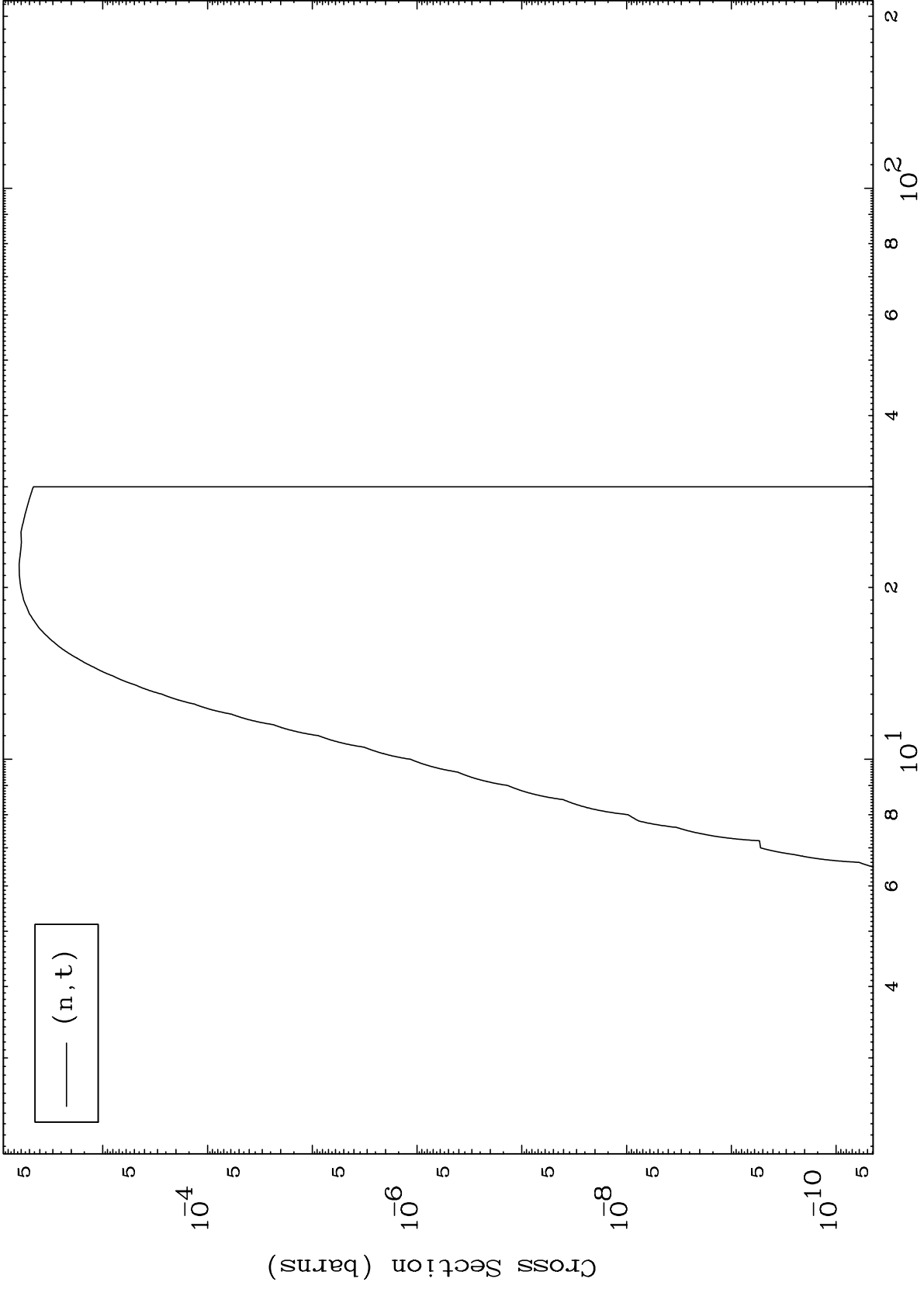
59-Pr-124



MAT 5874

(n,t) Levels  
293 Kelvin Cross Sections

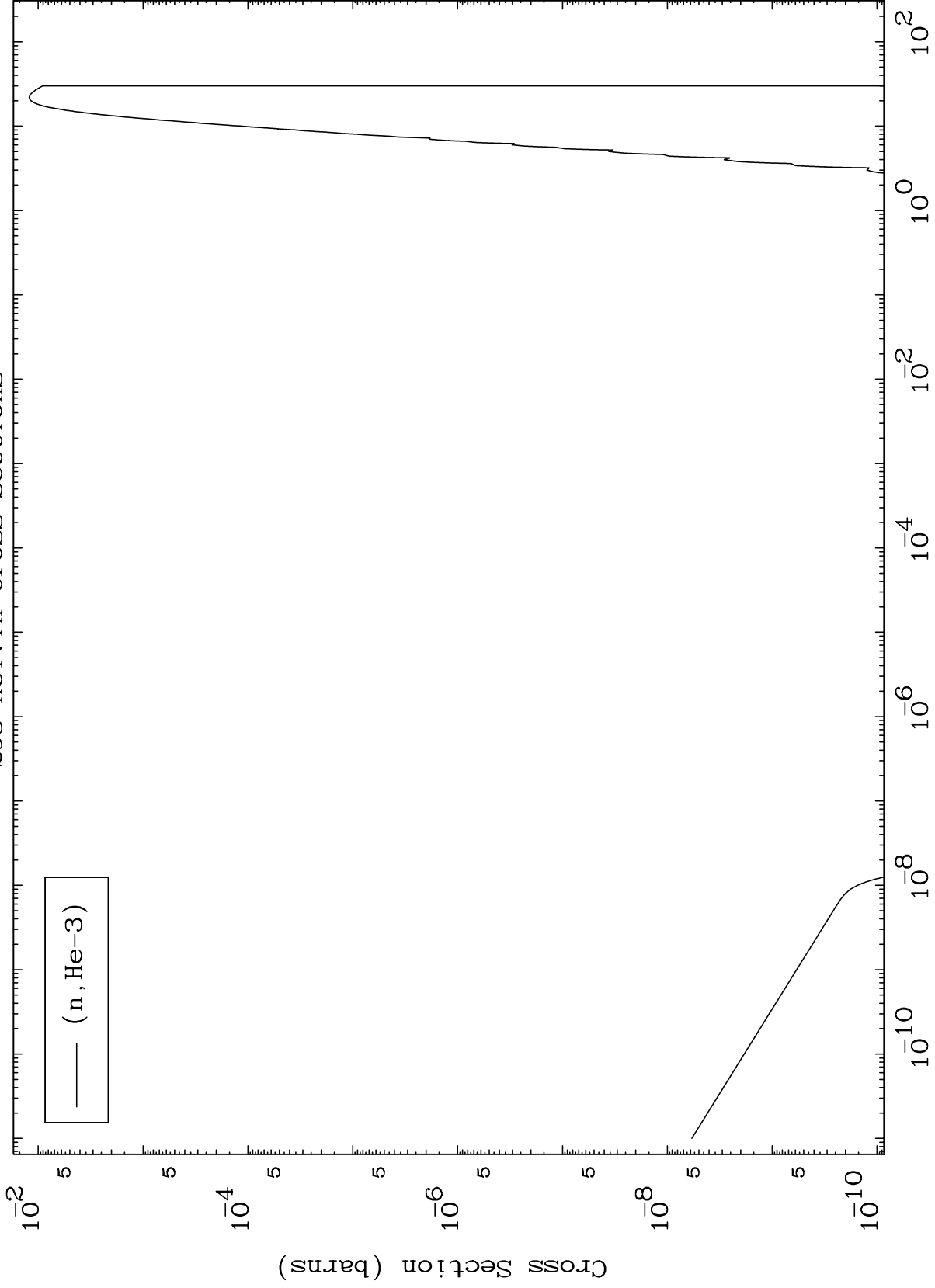
59-Pr-124



MAT 5874

(n,He3) Levels  
293 Kelvin Cross Sections

59-Pr-124



(n, He-3)

59-Pr-124

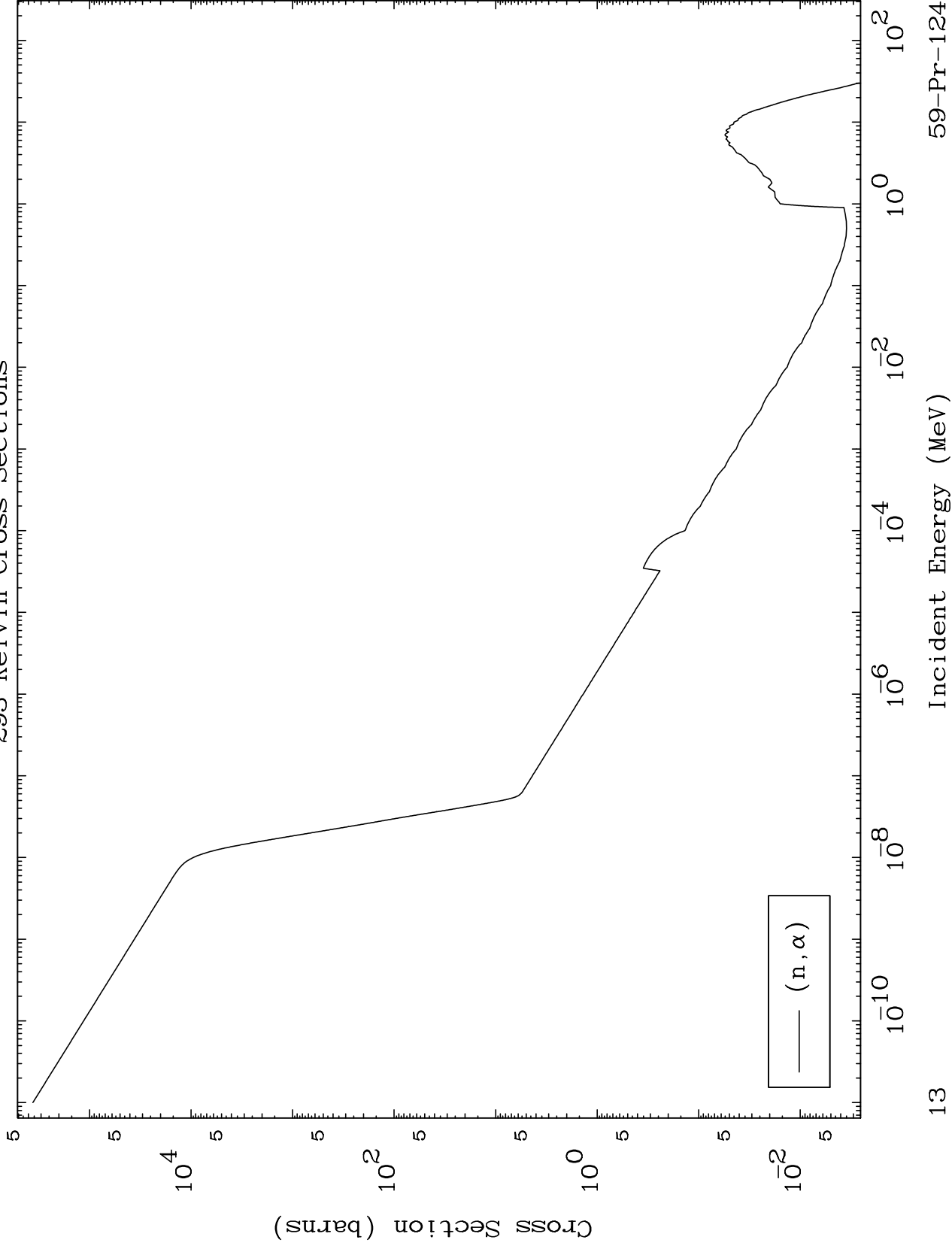
Incident Energy (MeV)

12

MAT 5874

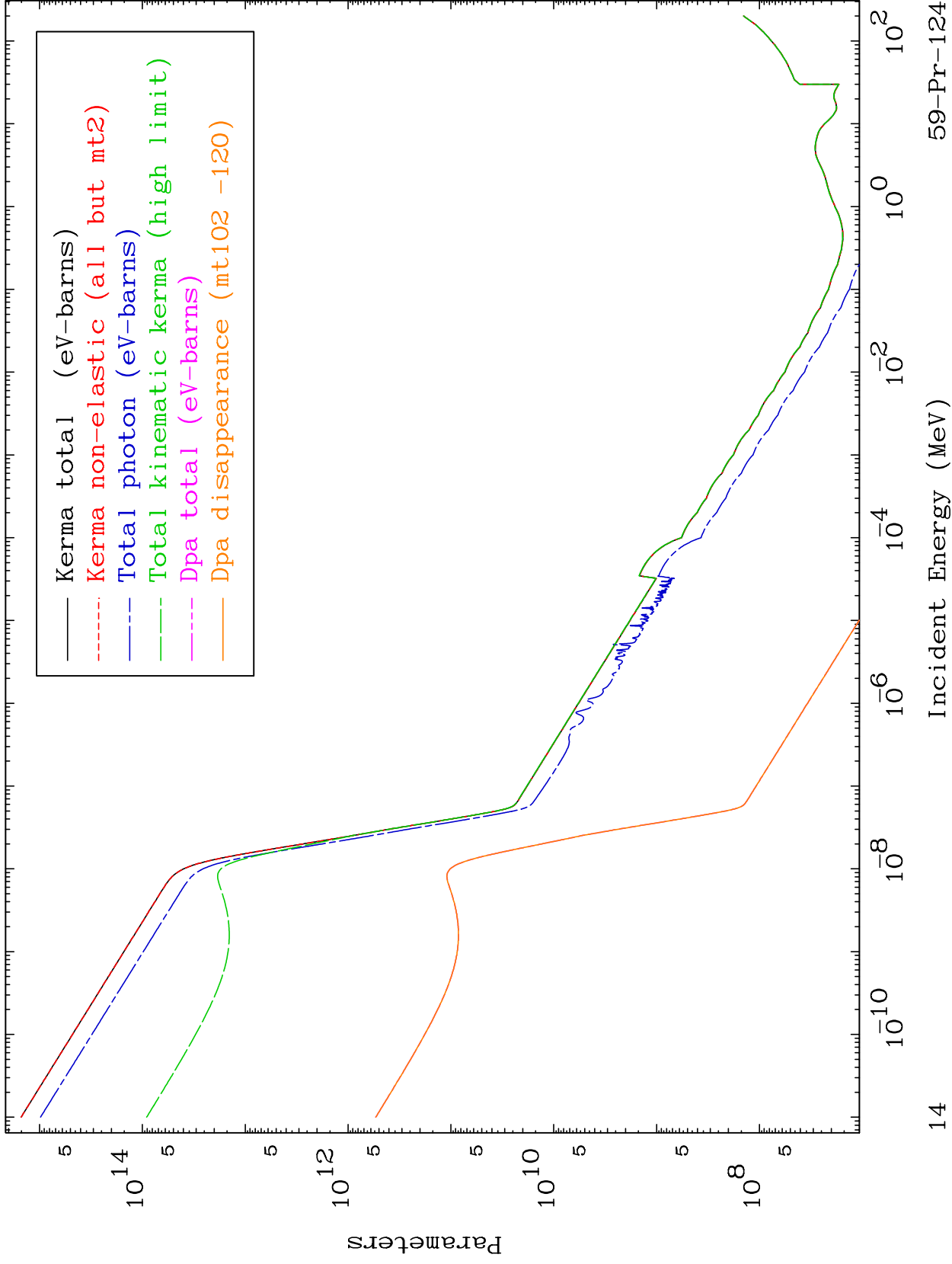
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

59-Pr-124



13

59-Pr-124



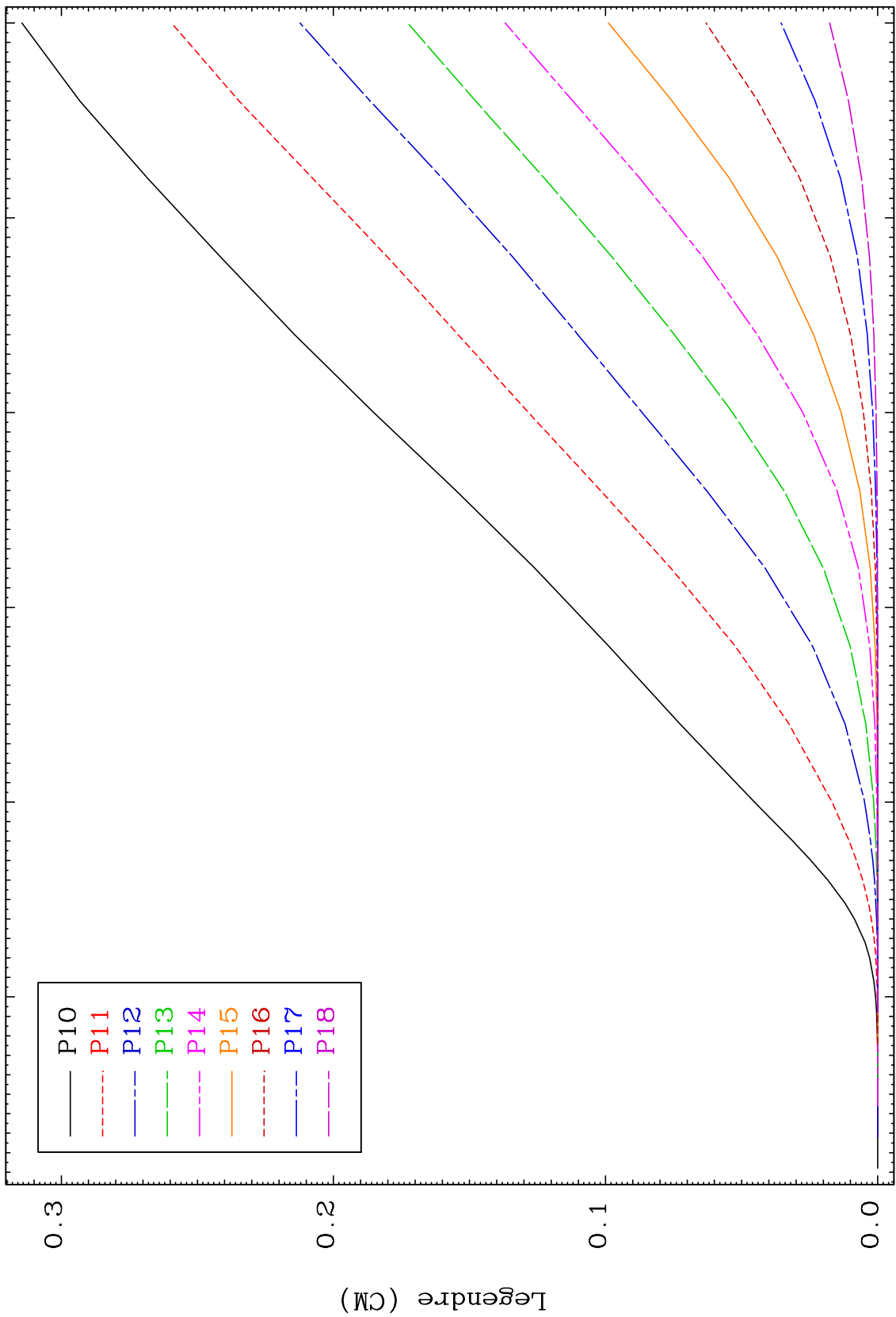




MAT 5874

Elastic Legendre Coefficients

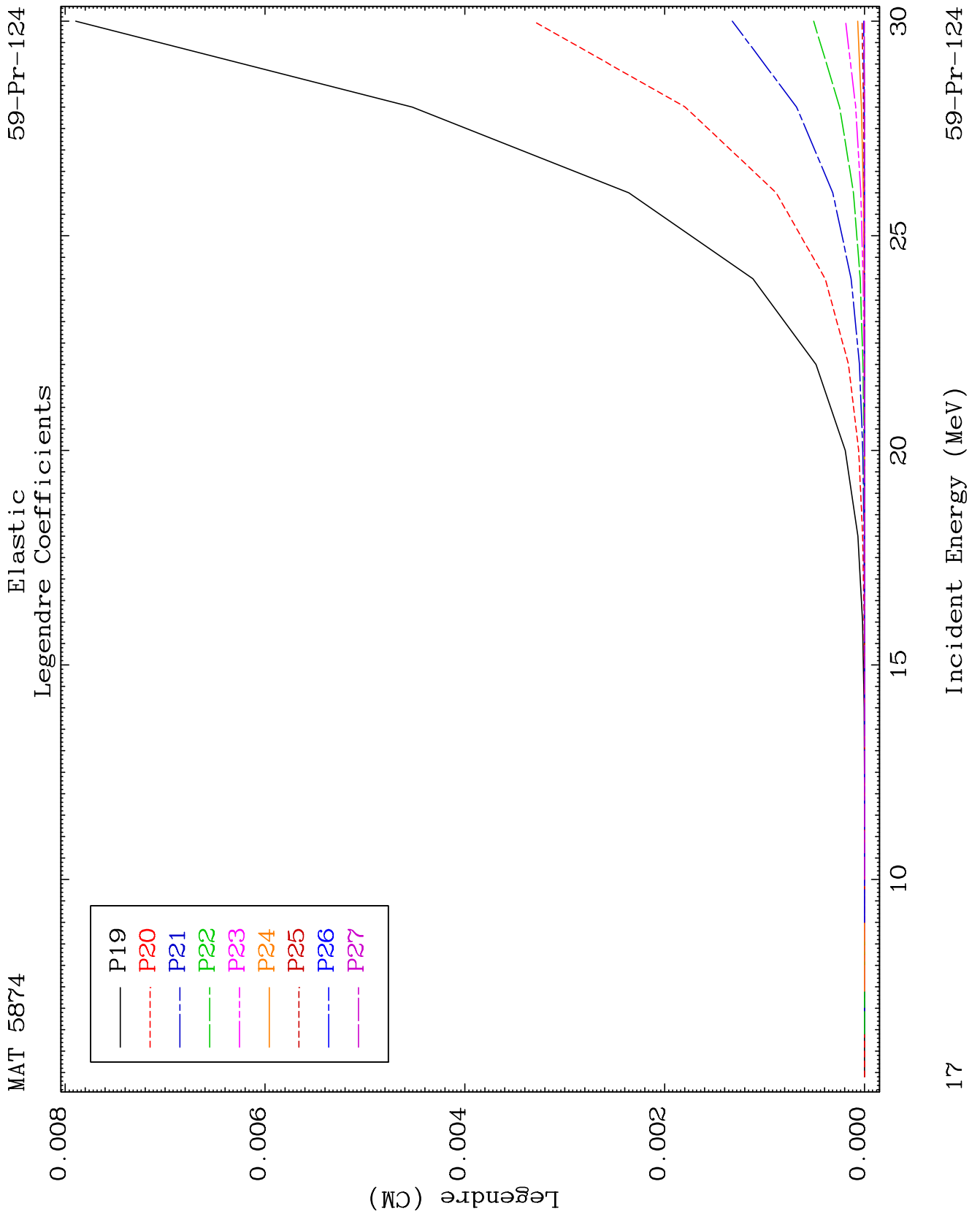
59-Pr-124



16

59-Pr-124

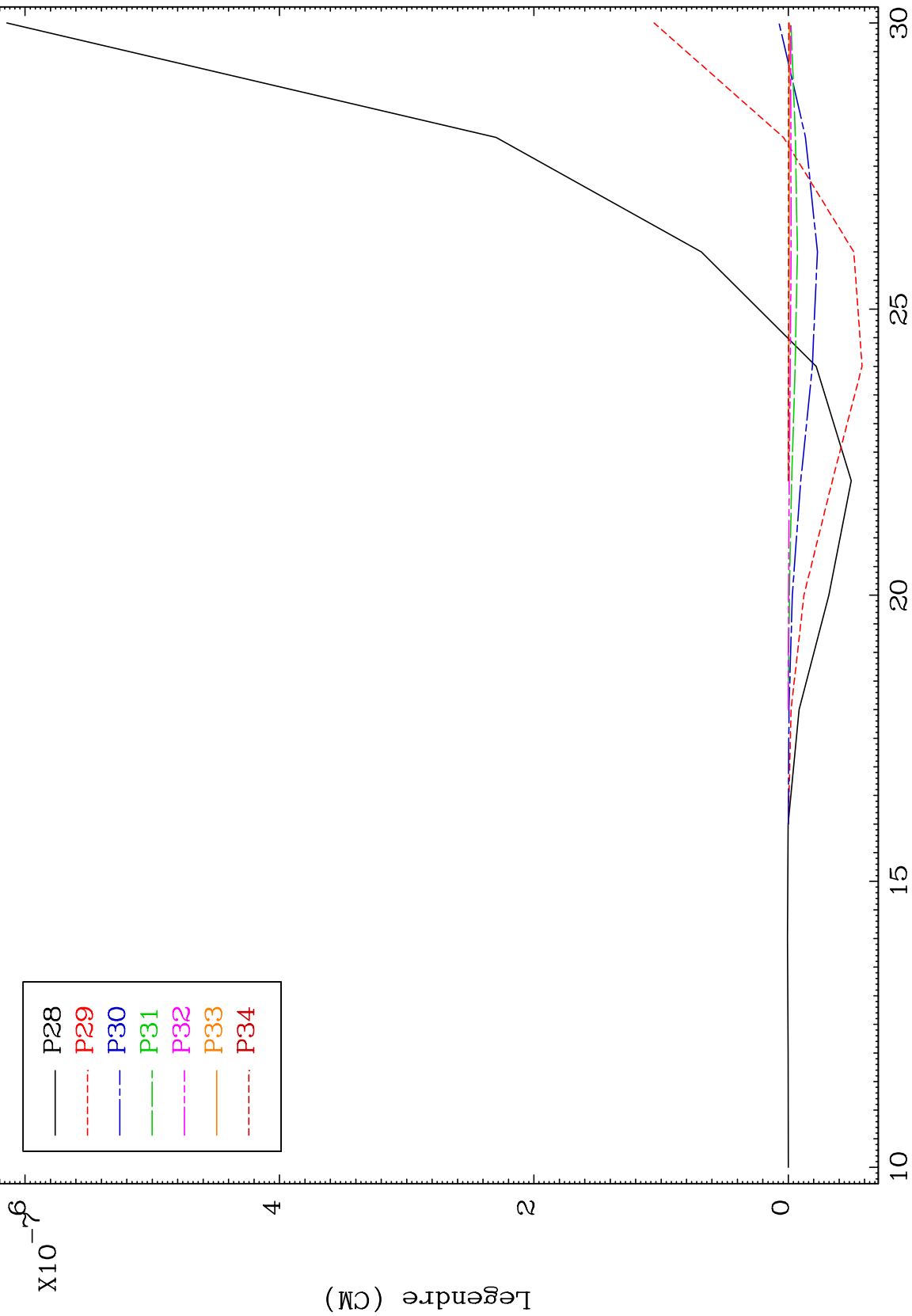
Incident Energy (MeV)



MAT 5874

Elastic Legendre Coefficients

59-Pr-124



18

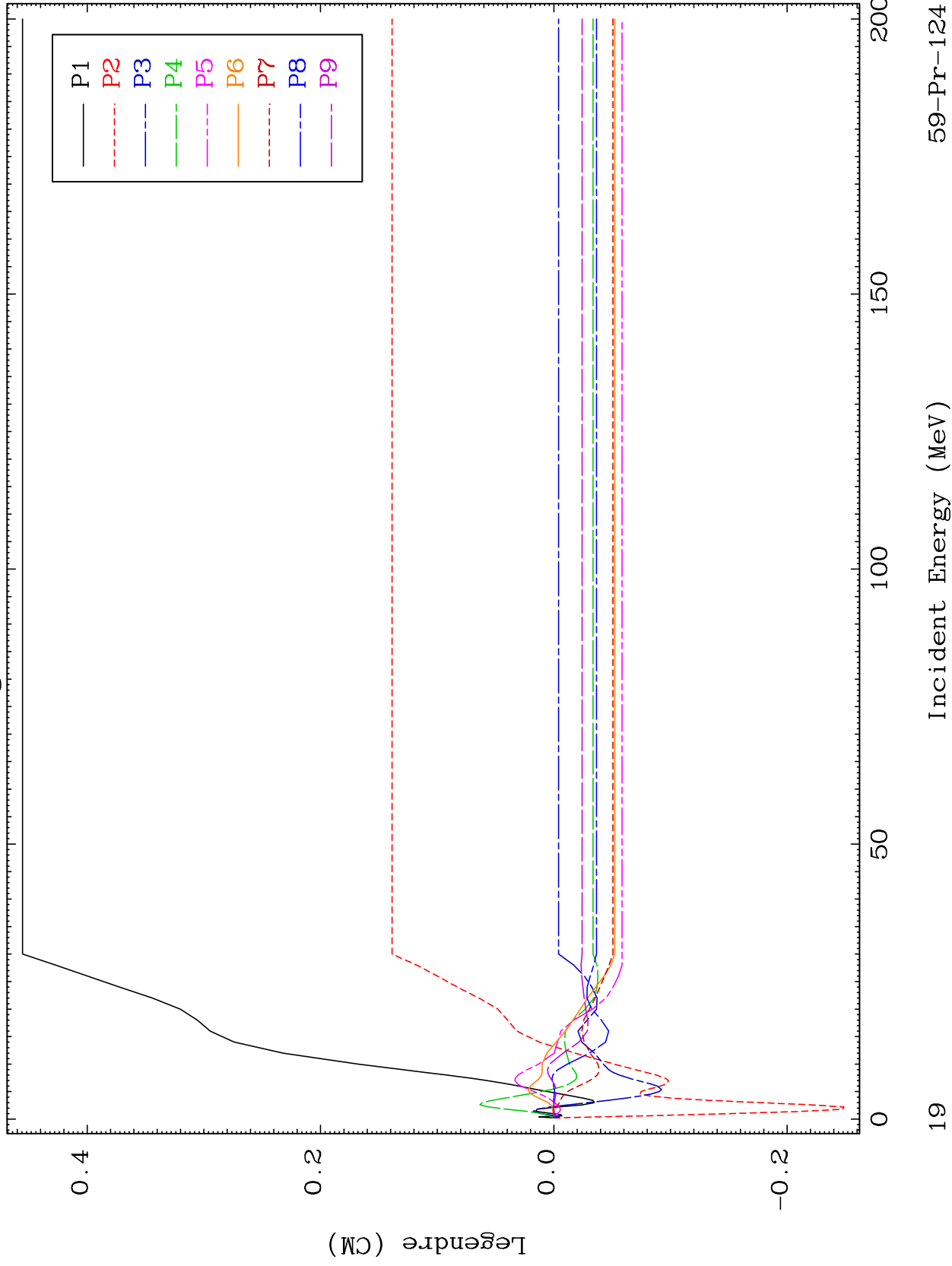
Incident Energy (MeV)

59-Pr-124

MAT 5874

209.7 keV (n,n') Level  
Legendre Coefficients

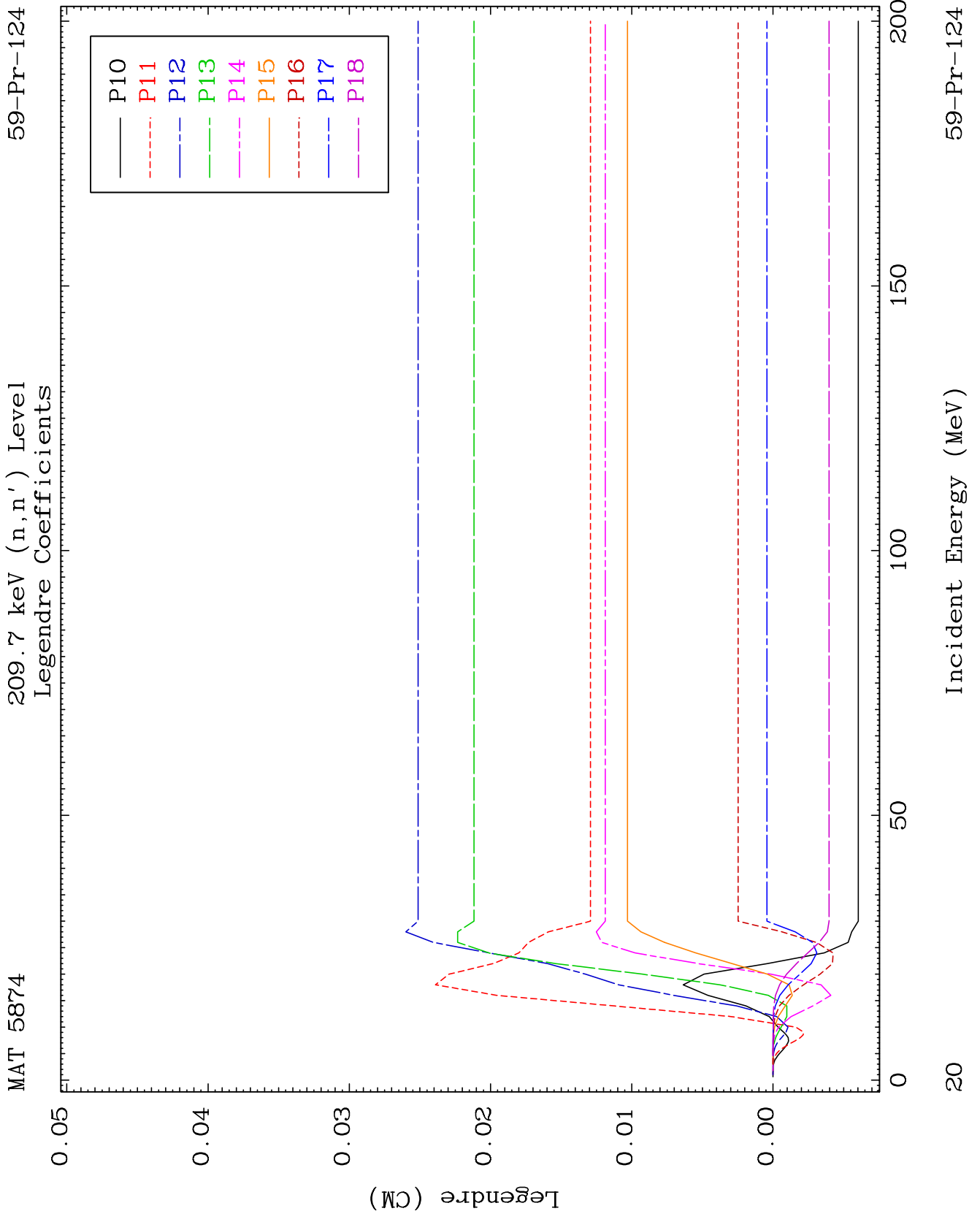
59-Pr-124

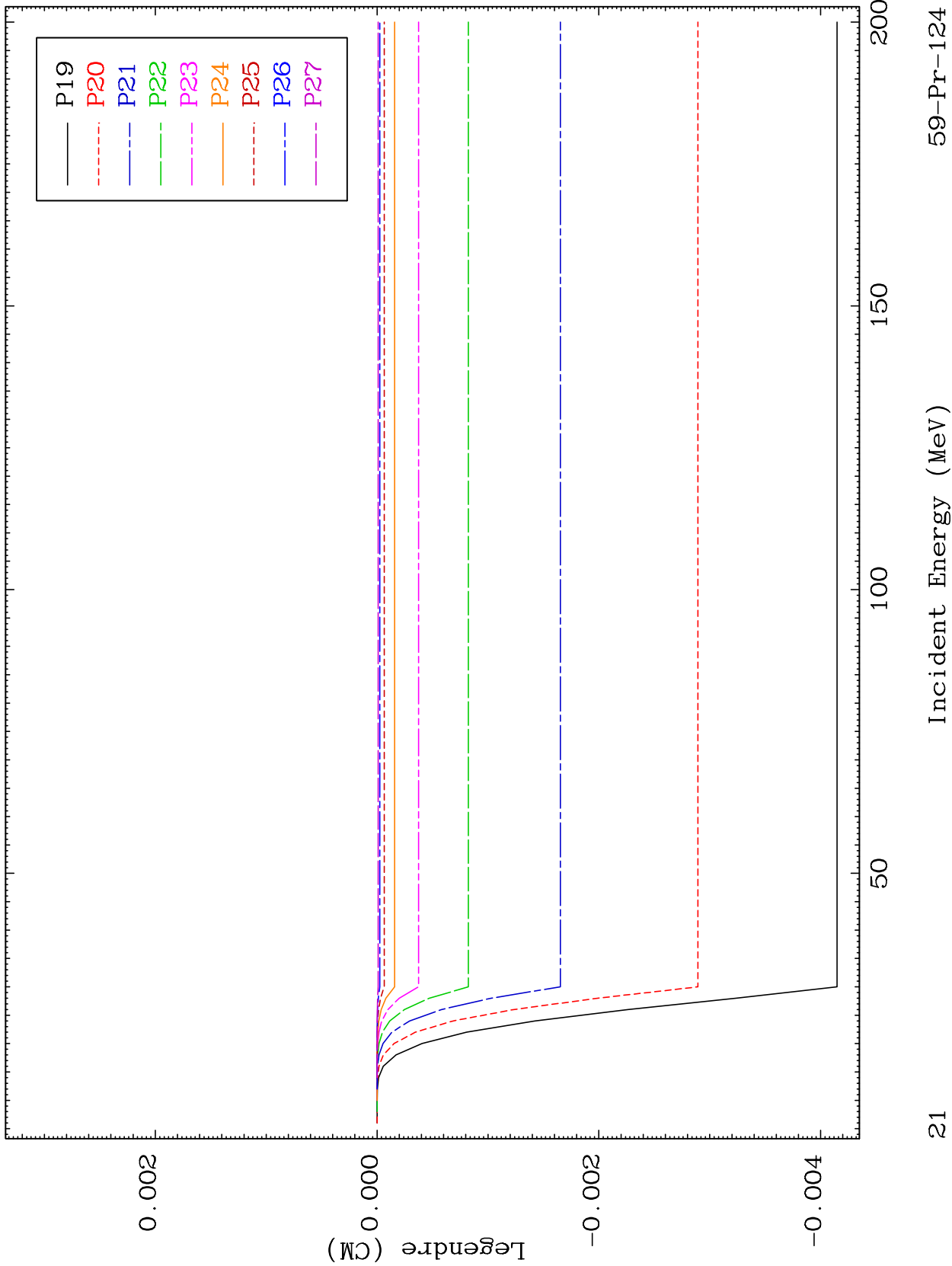


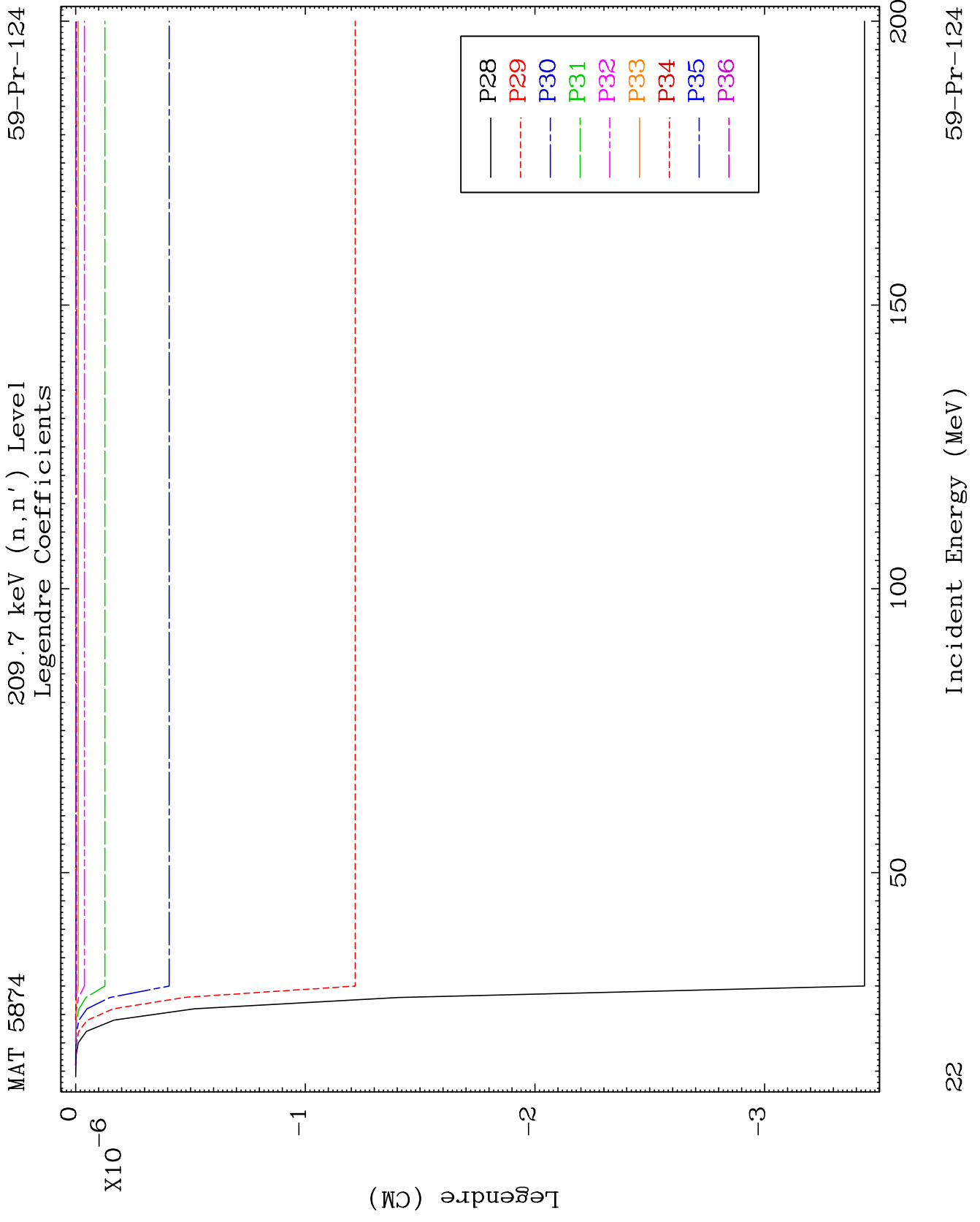
59-Pr-124

Incident Energy (MeV)

19





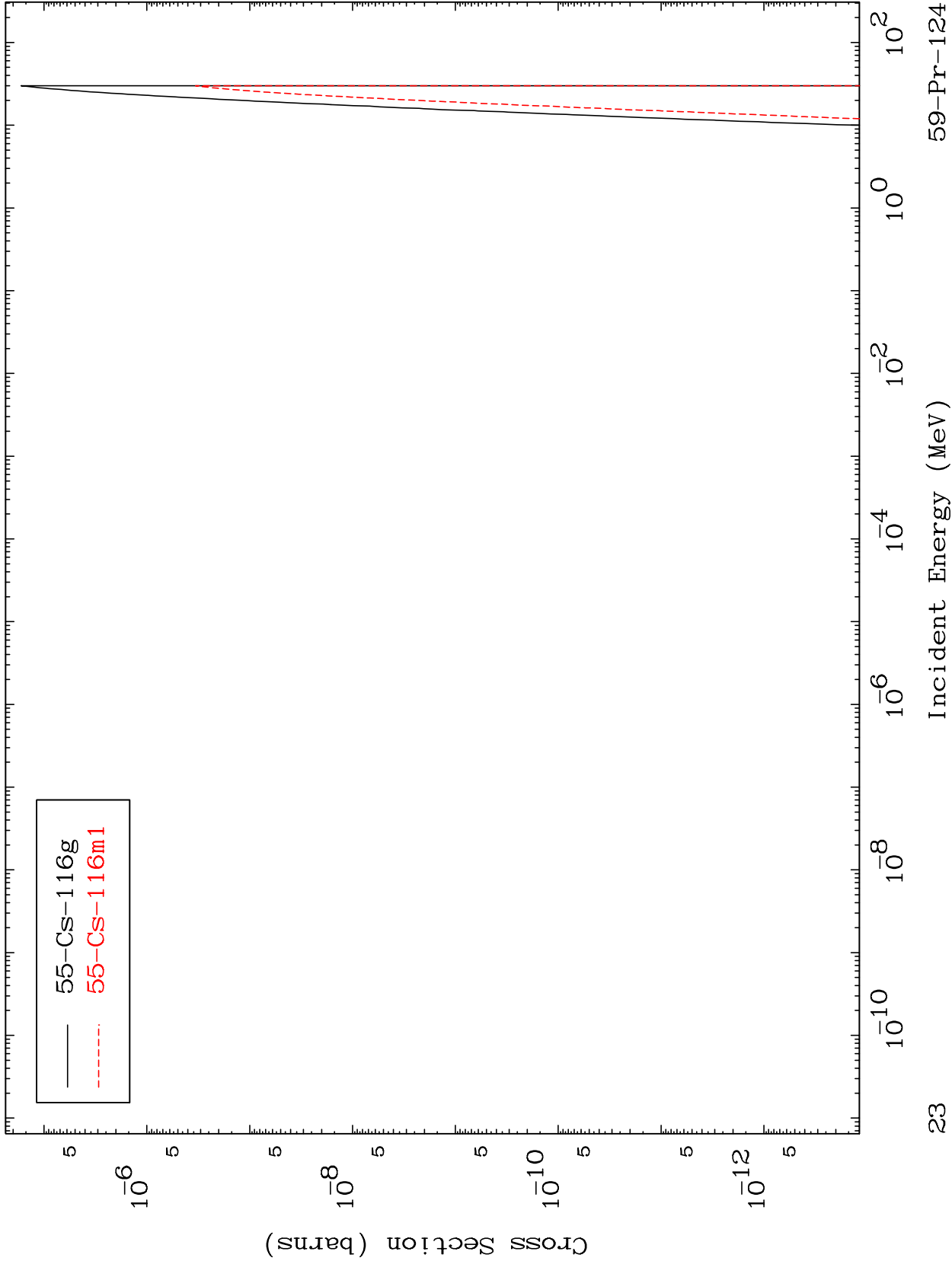


MAT 5874

(n,n') 2 $\alpha$

59-Pr-124

Radionuclide Production Cross Section



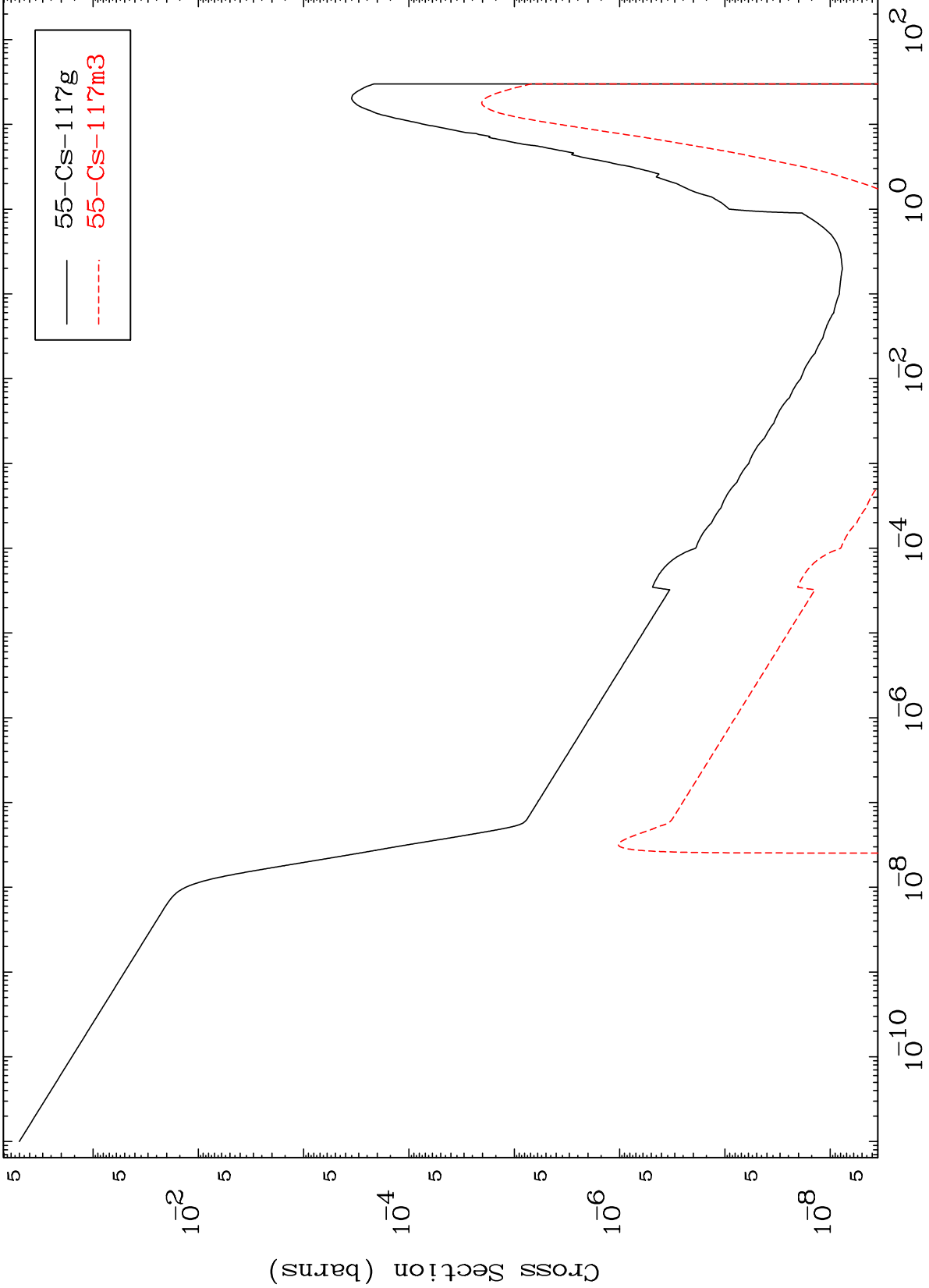


MAT 5874

(n,2α)

59-Pr-124

Radionuclide Production Cross Section



55-Cs-117g  
55-Cs-117m3