

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

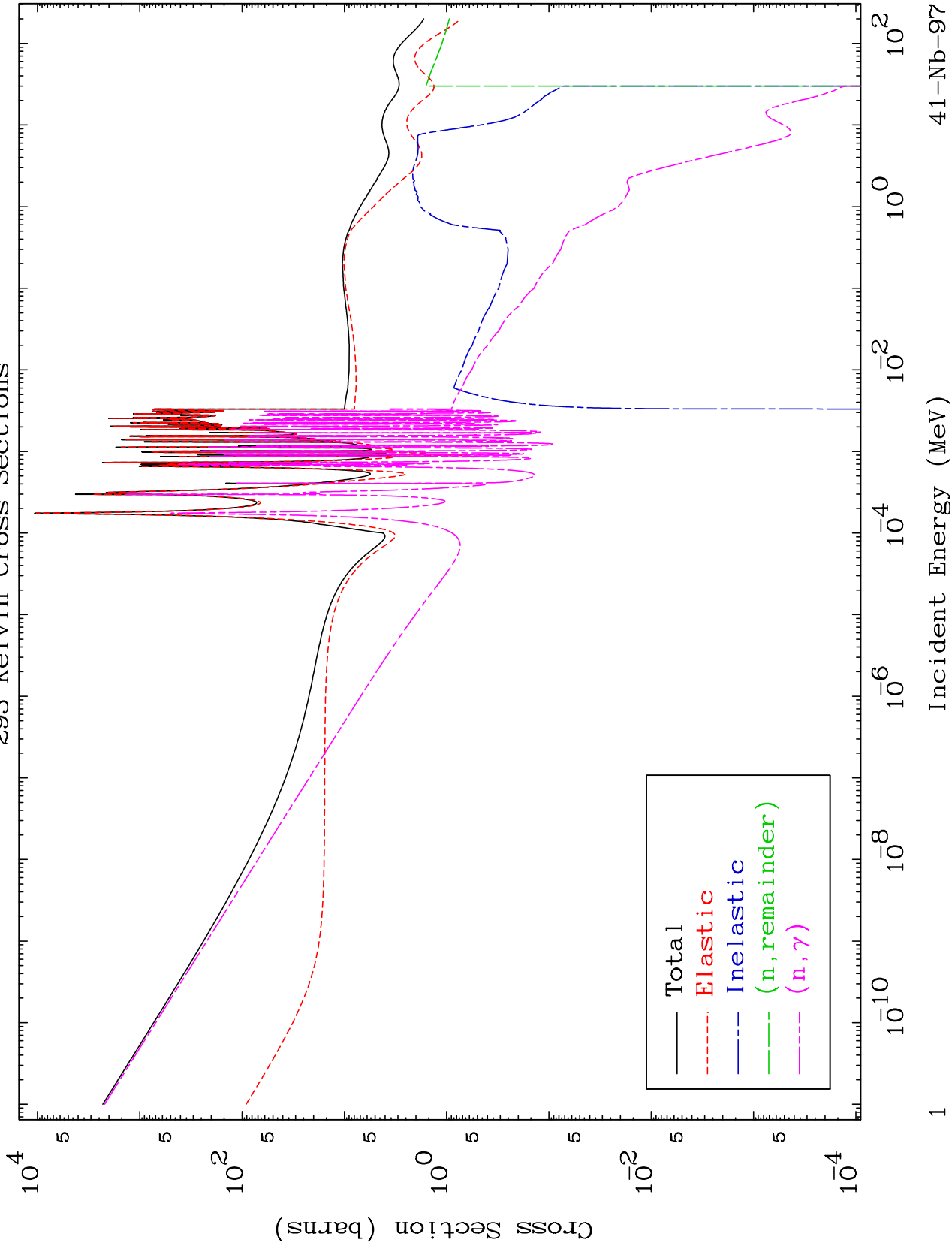
Press Mouse Button to Start

MAT 4138

Major

293 Kelvin Cross Sections

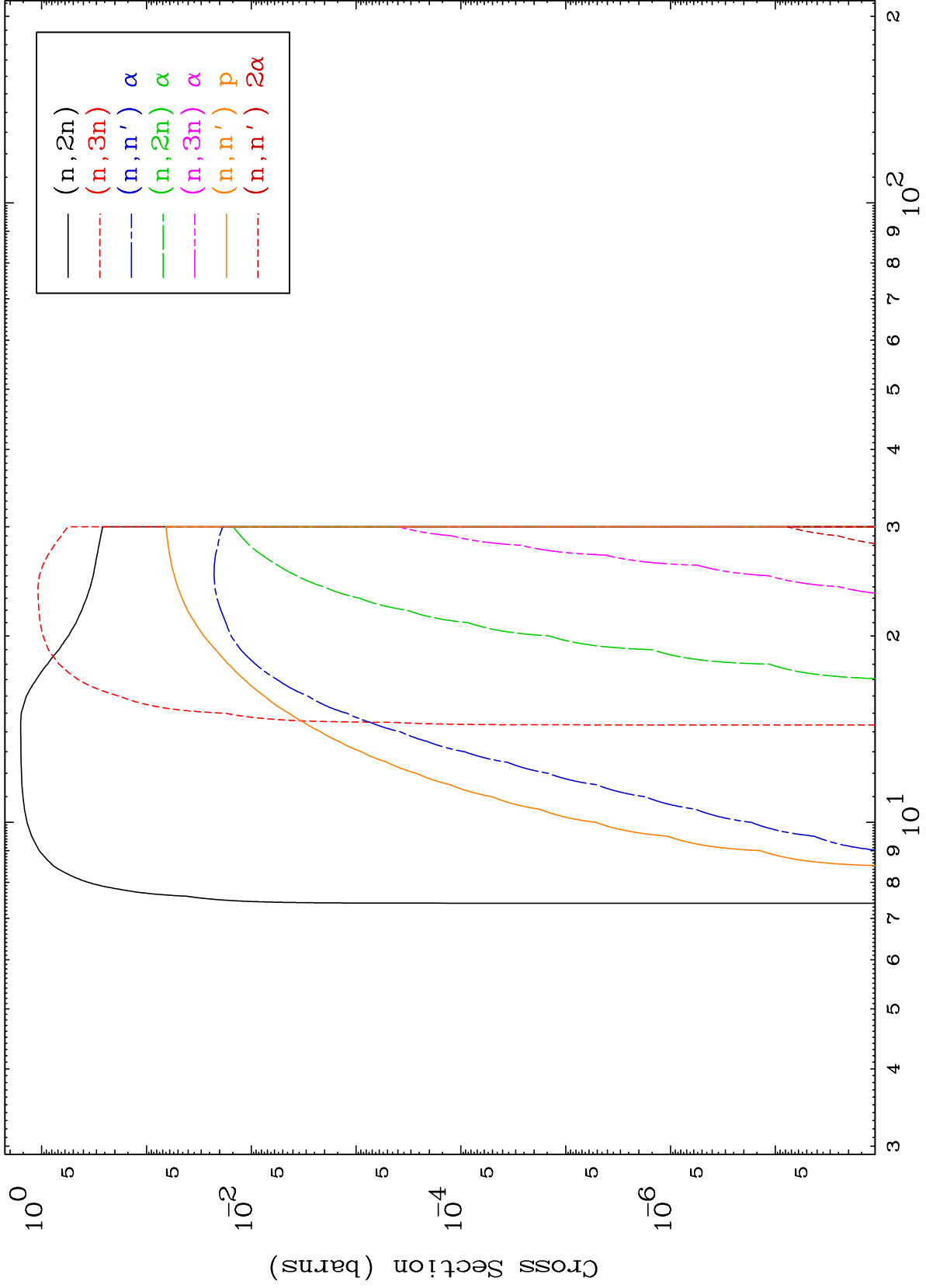
41-Nb-97

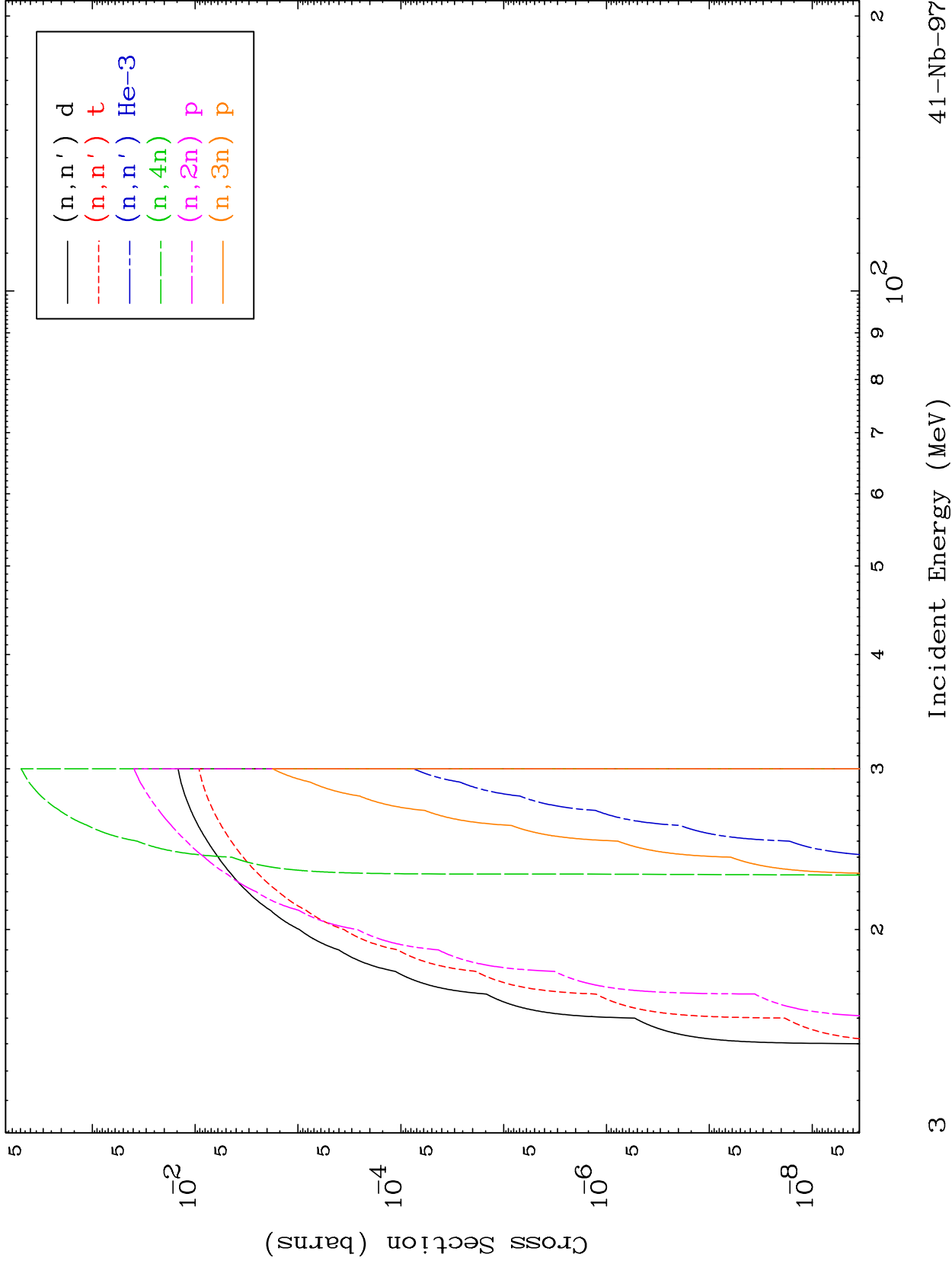


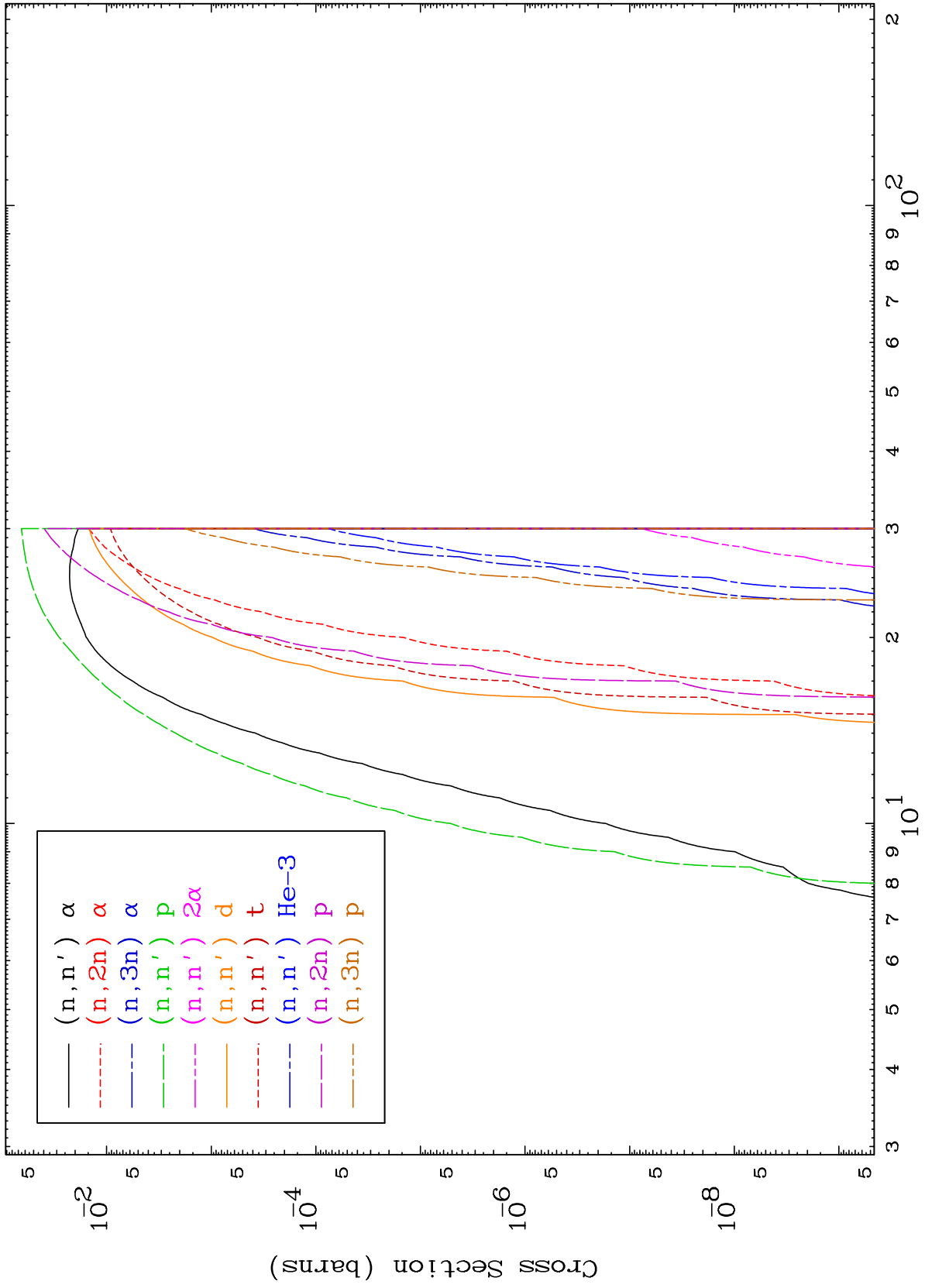
1

Incident Energy (MeV)

41-Nb-97



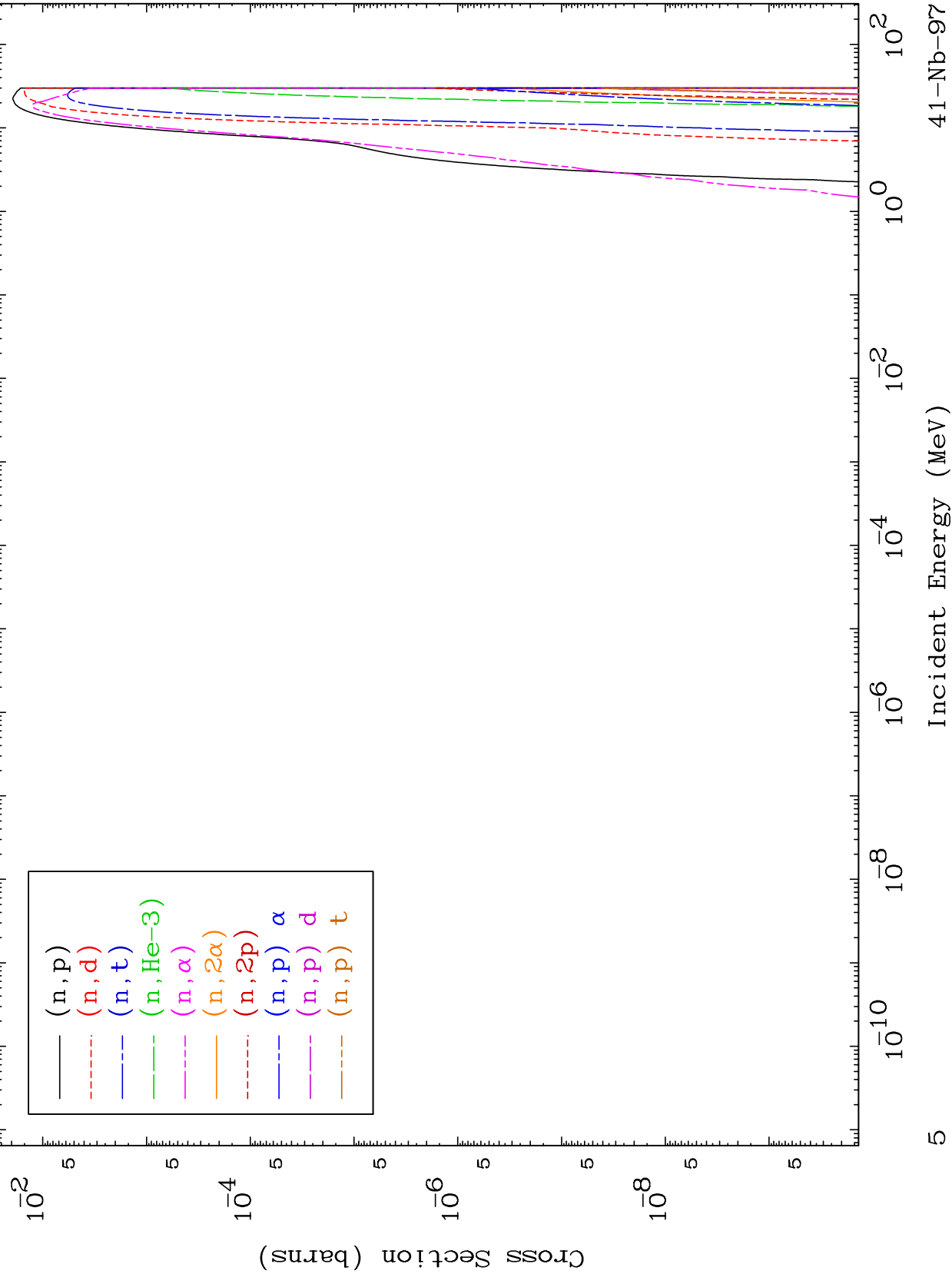




MAT 4138

Charged Particle  
293 Kelvin Cross Sections

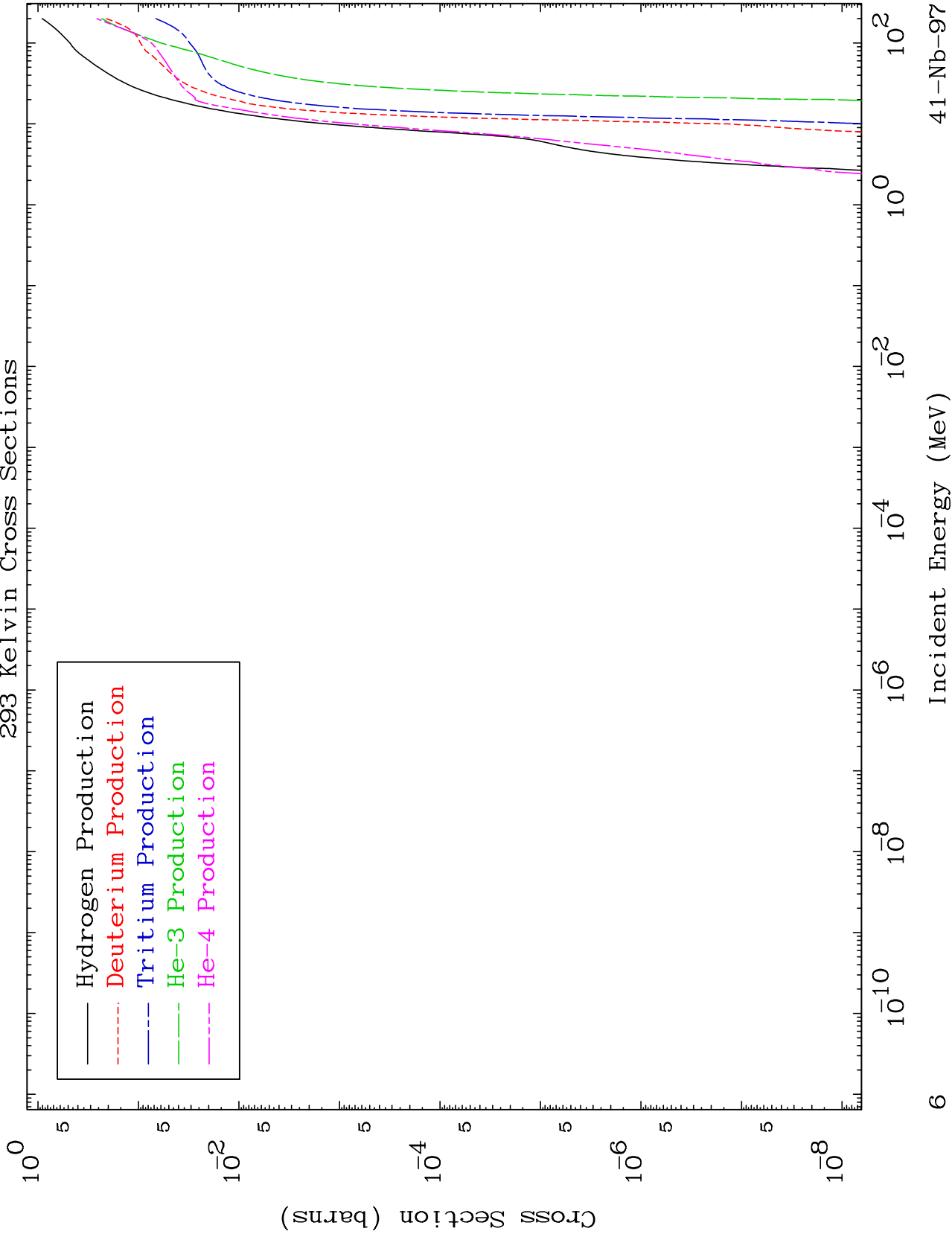
41-Nb-97



MAT 4138

Particle Production  
293 Kelvin Cross Sections

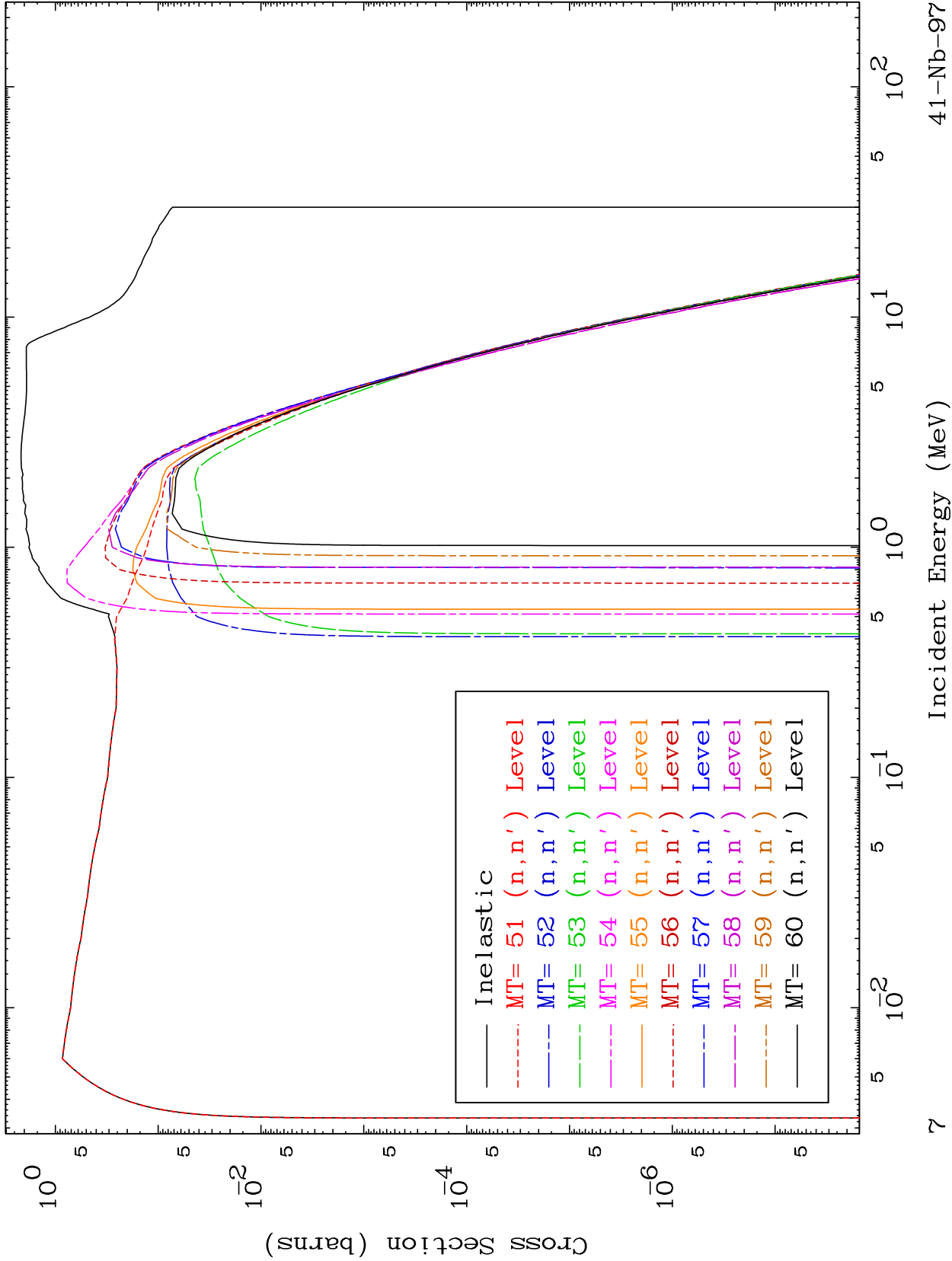
41-Nb-97



MAT 4138

293 Kelvin Cross Sections  
(n,n') Level

41-Nb-97



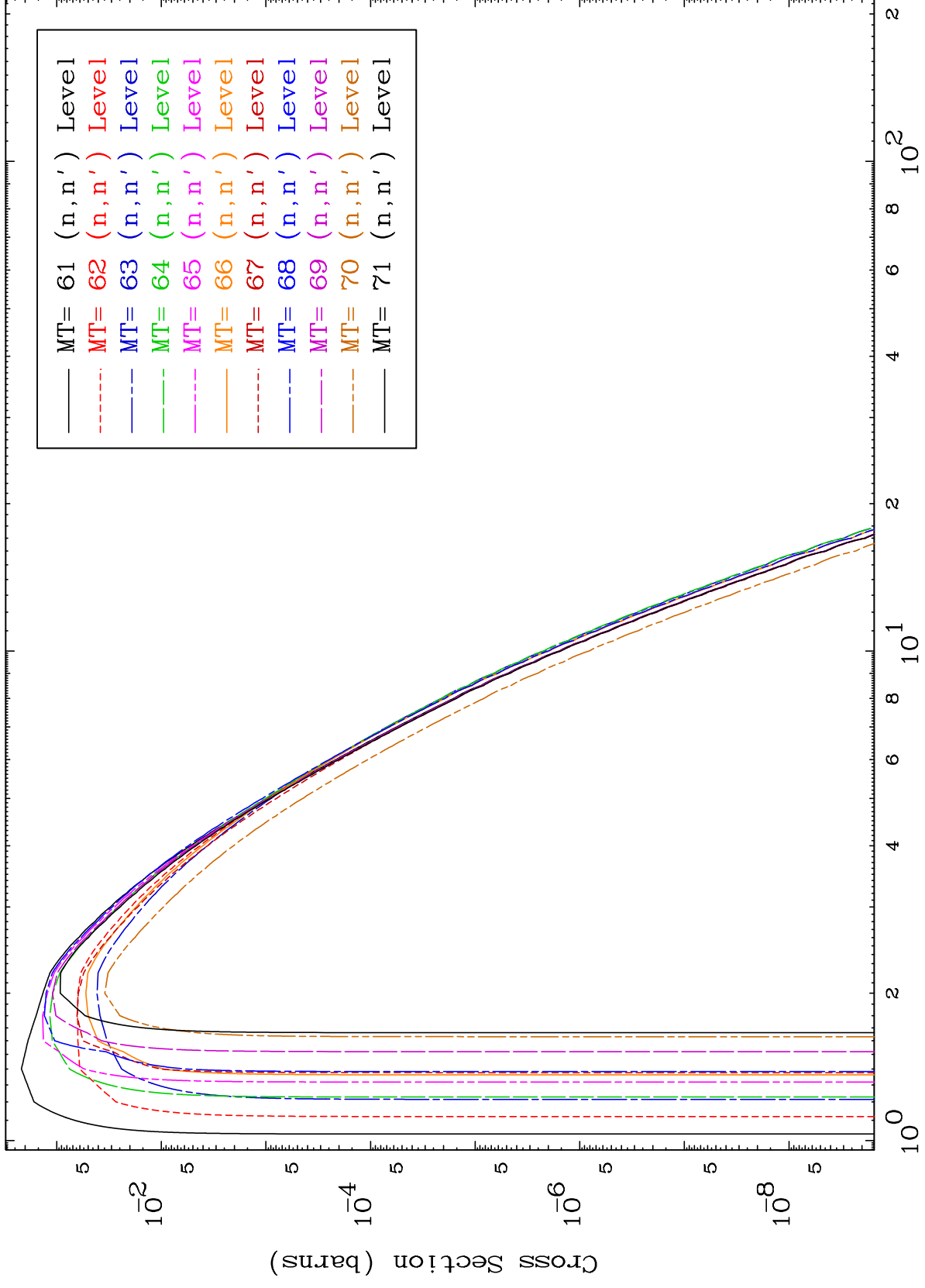


MAT 4138

(n,n') Level

41-Nb-97

293 Kelvin Cross Sections



Incident Energy (MeV)

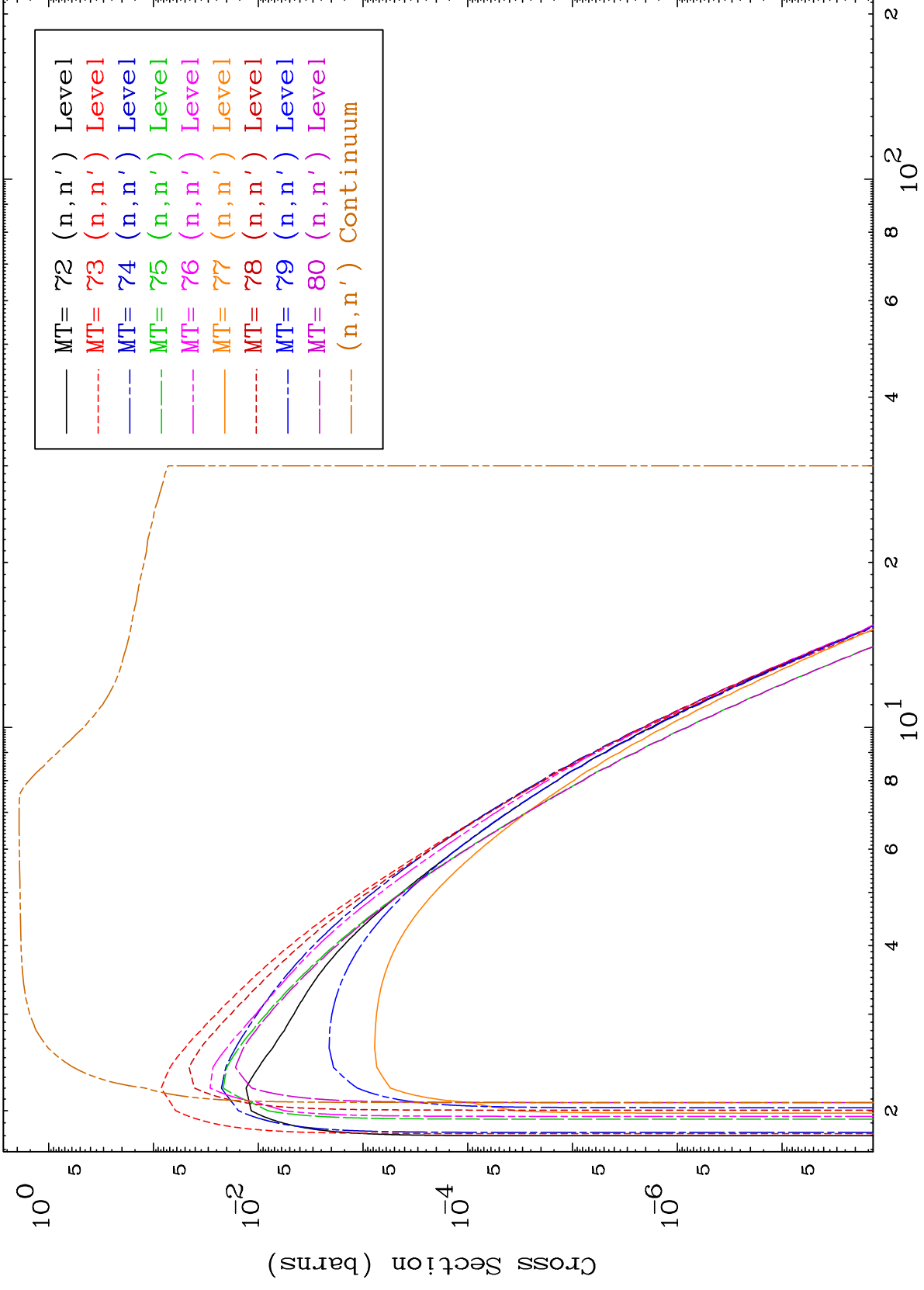
41-Nb-97

MAT 4138

(n,n') Level

41-Nb-97

293 Kelvin Cross Sections



9

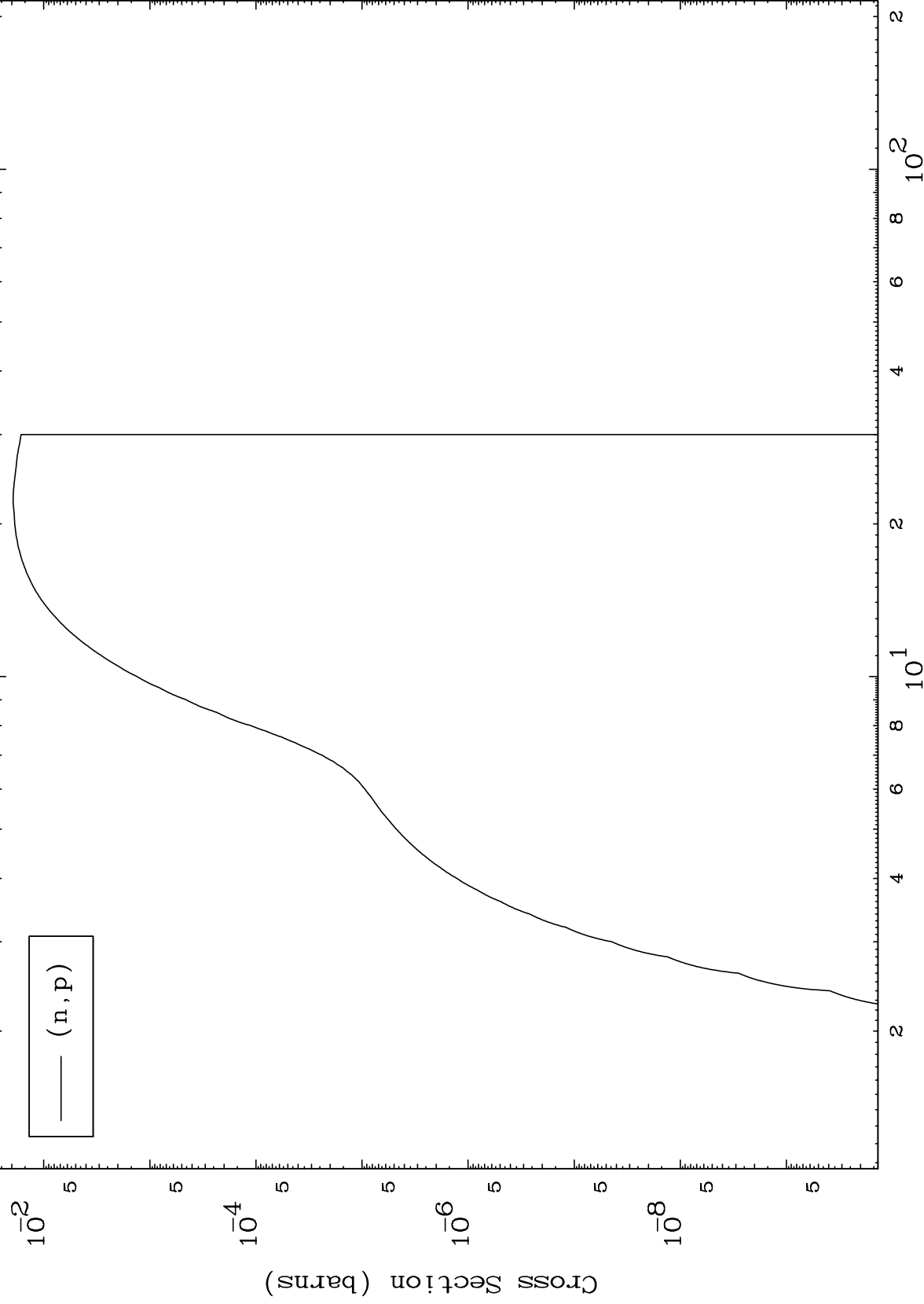
Incident Energy (MeV)

41-Nb-97

MAT 4138

(n,p) Levels  
293 Kelvin Cross Sections

41-Nb-97



10

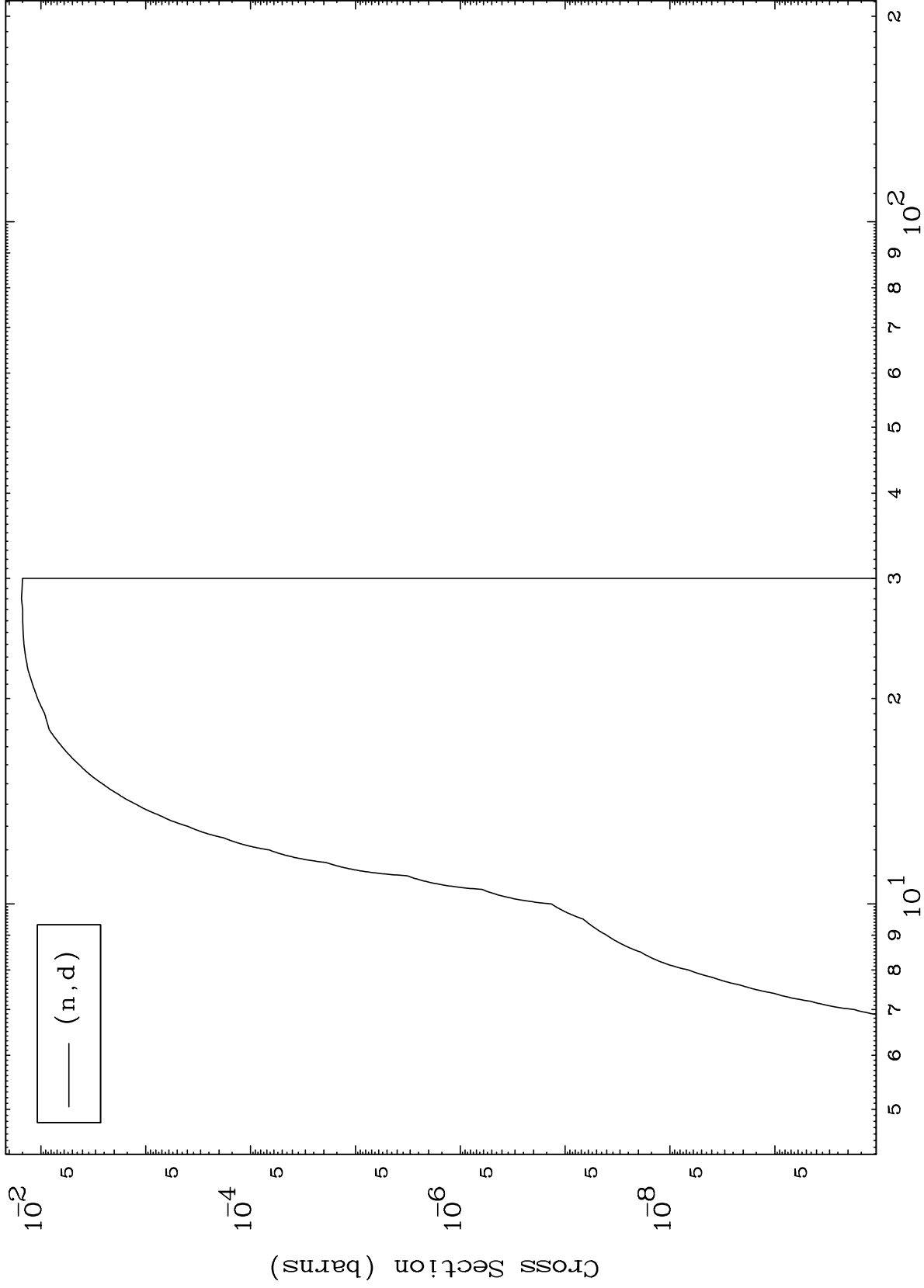
Incident Energy (MeV)

41-Nb-97

MAT 4138

(n,d) Levels  
293 Kelvin Cross Sections

41-Nb-97



11

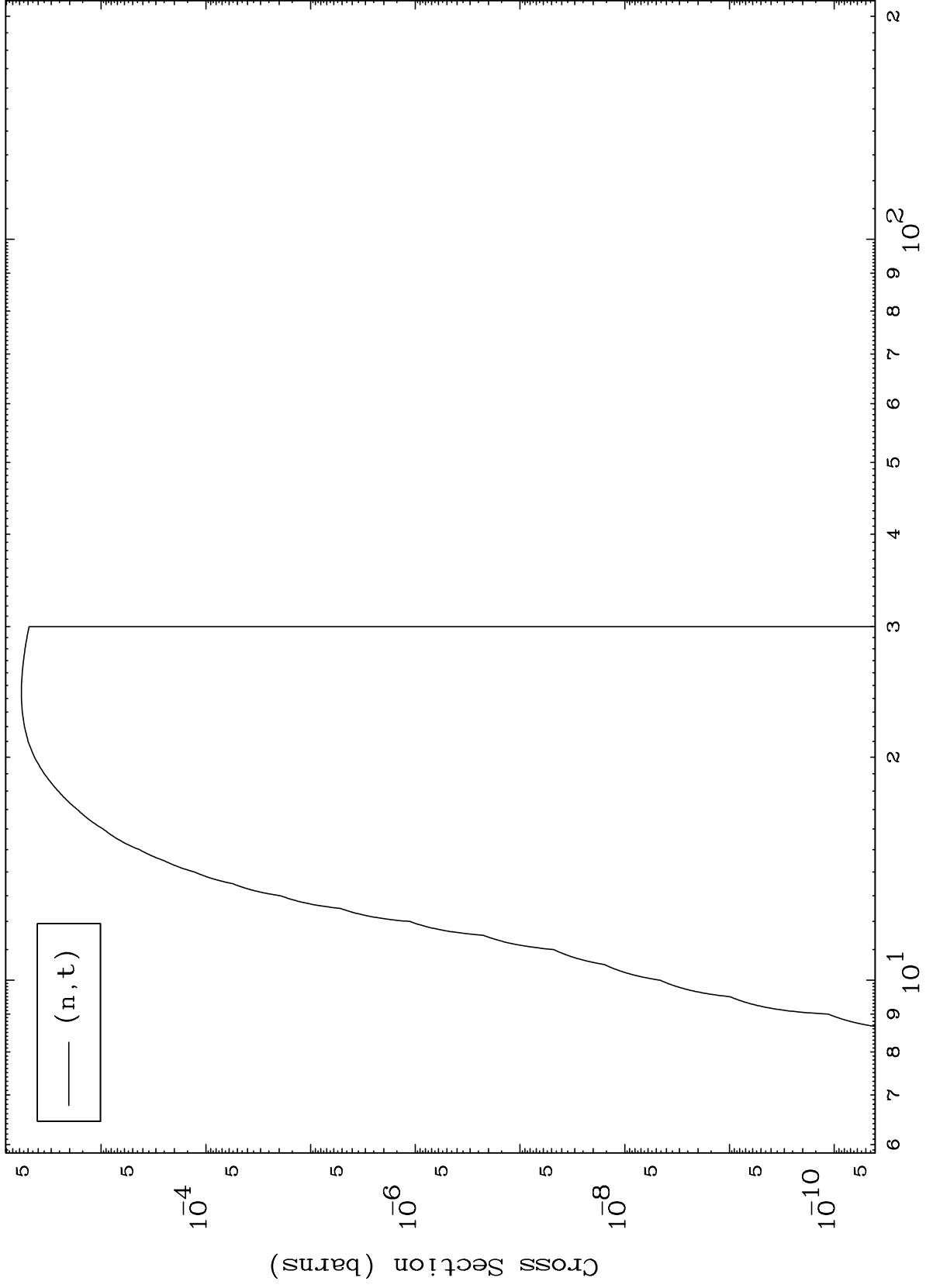
Incident Energy (MeV)

41-Nb-97

MAT 4138

(n,t) Levels  
293 Kelvin Cross Sections

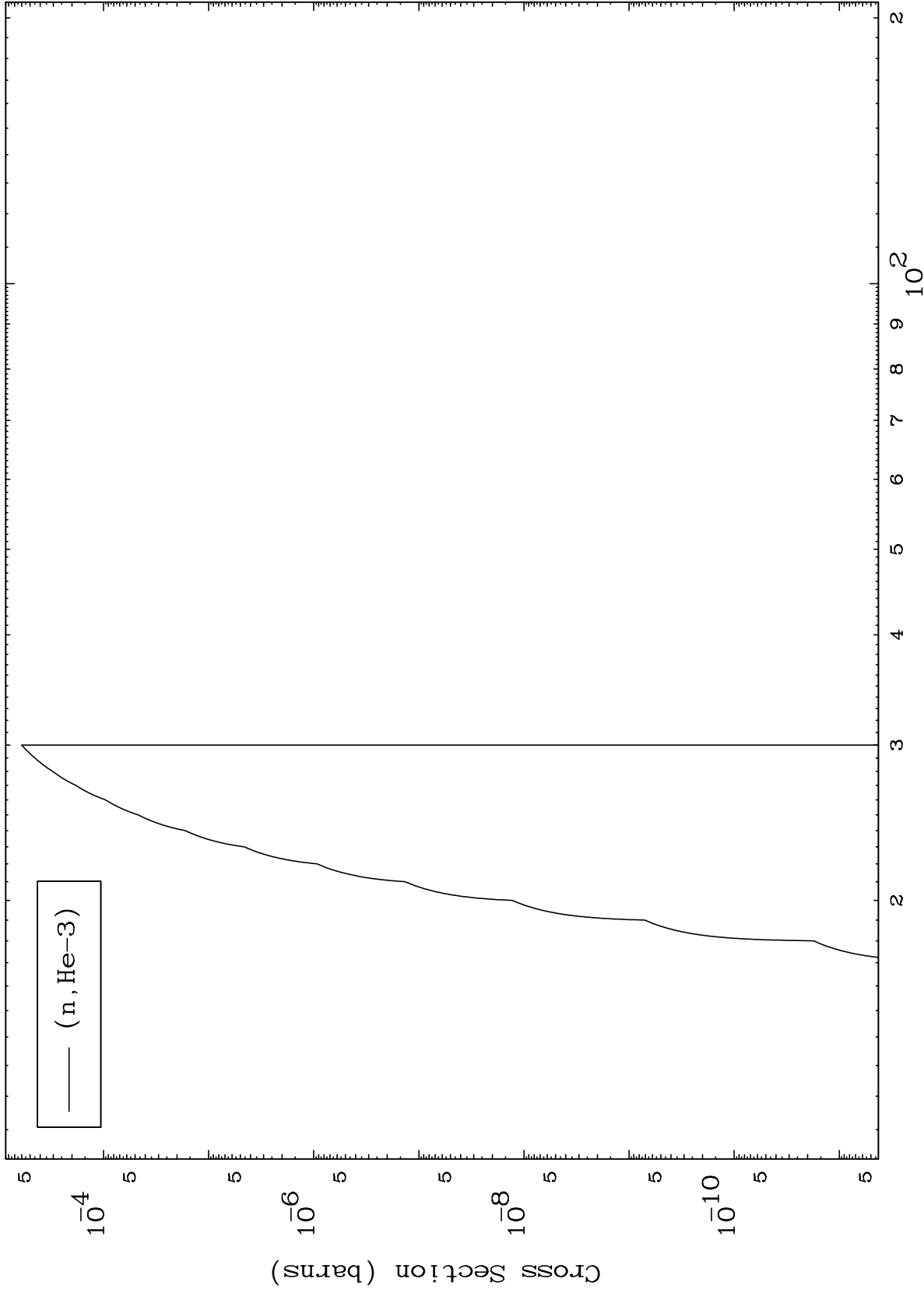
41-Nb-97



12

Incident Energy (MeV)

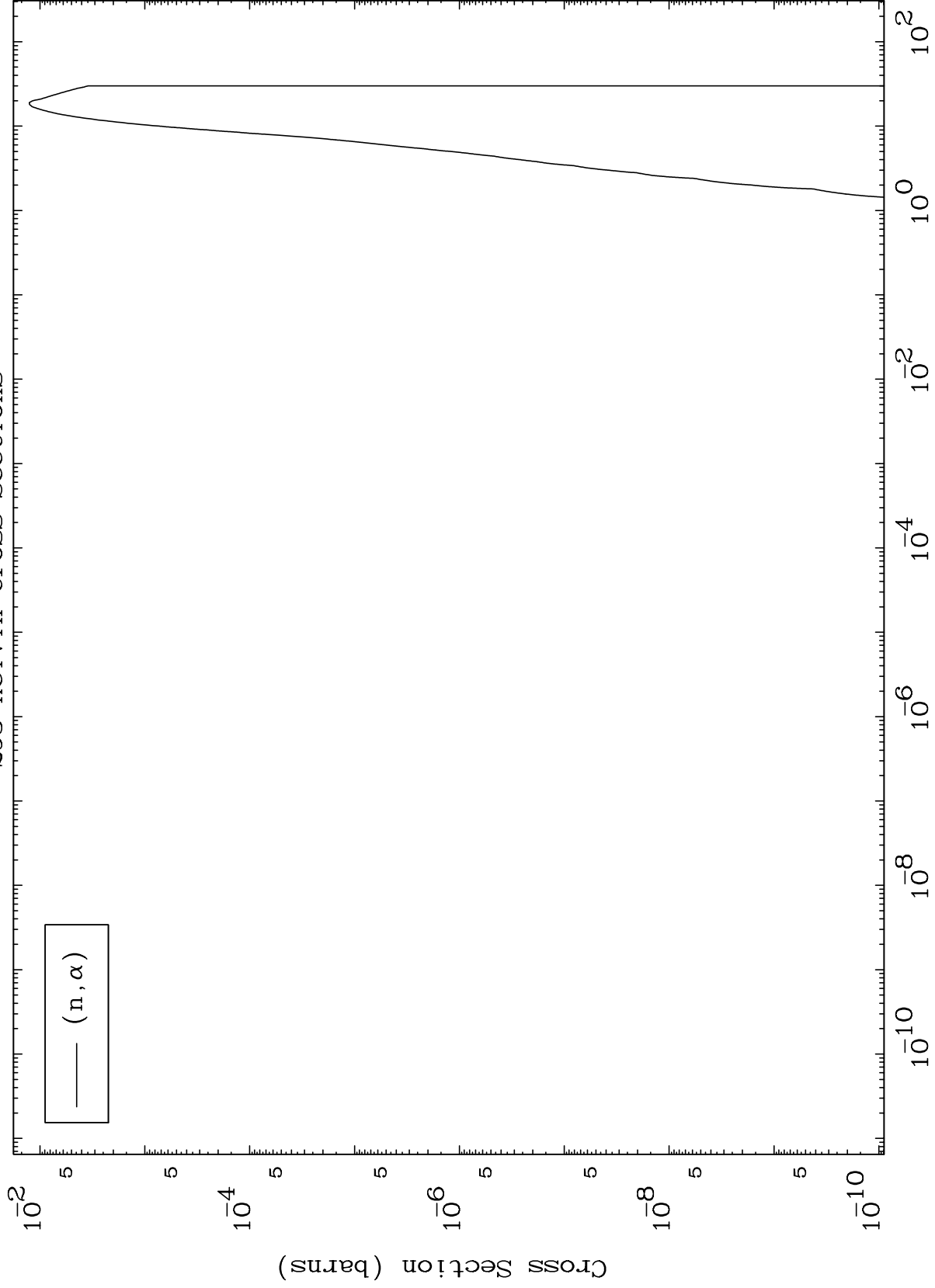
41-Nb-97



MAT 4138

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

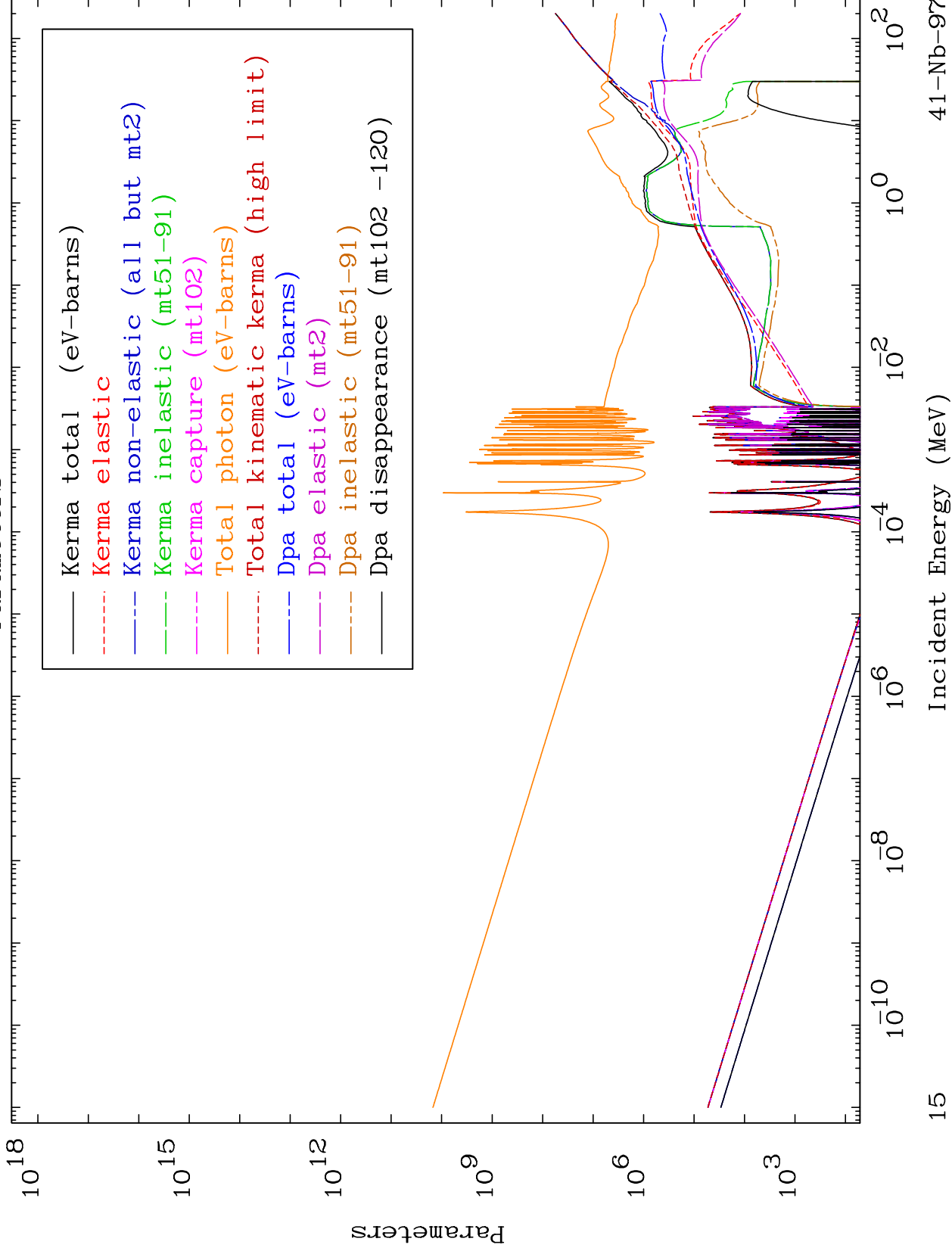
41-Nb-97



14

Incident Energy (MeV)

41-Nb-97

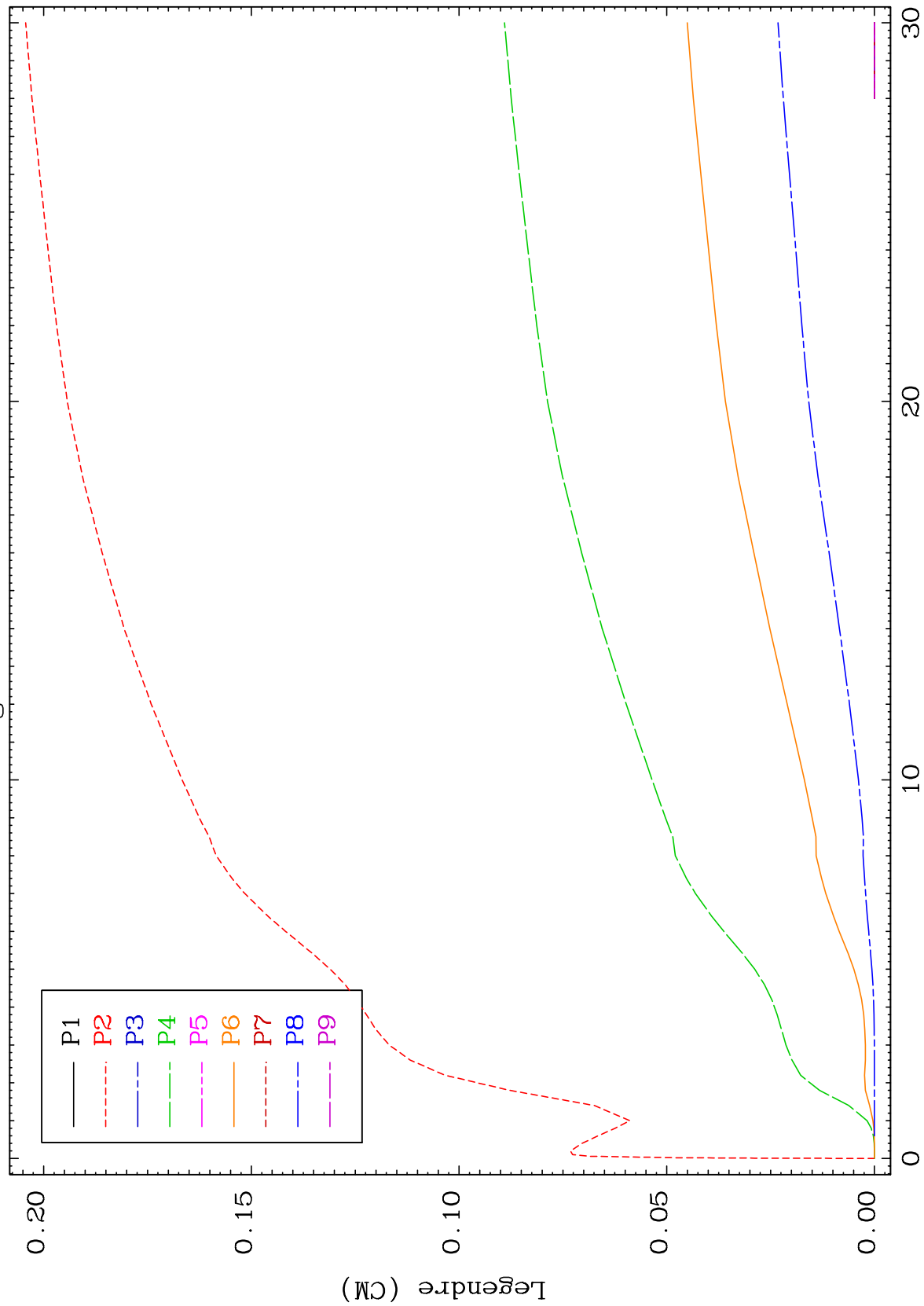




MAT 4138

Elastic Legendre Coefficients

41-Nb-97



16

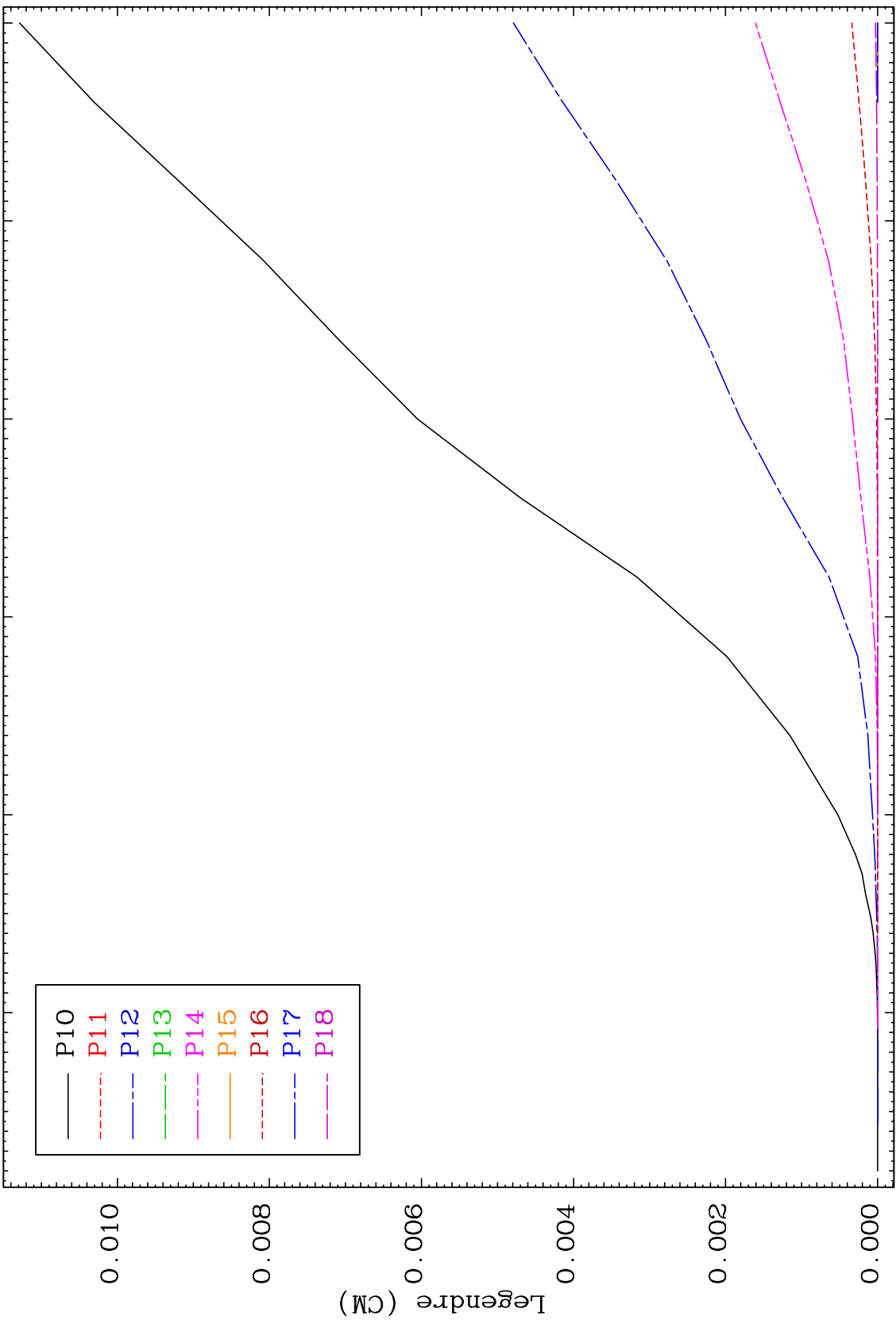
Incident Energy (MeV)

41-Nb-97

MAT 4138

Elastic Legendre Coefficients

41-Nb-97



17

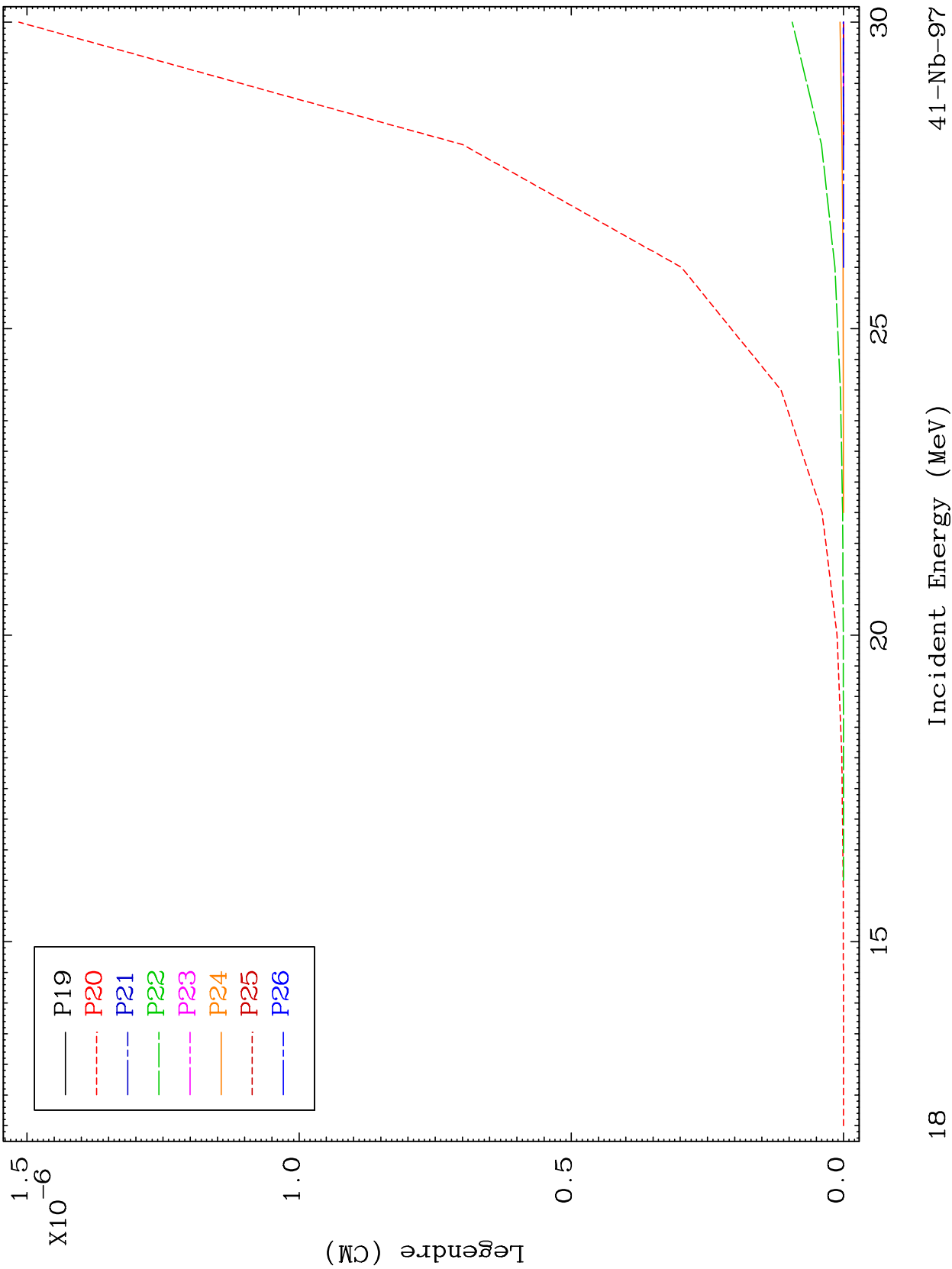
41-Nb-97

Incident Energy (MeV)

MAT 4138

Elastic  
Legendre Coefficients

41-Nb-97



18

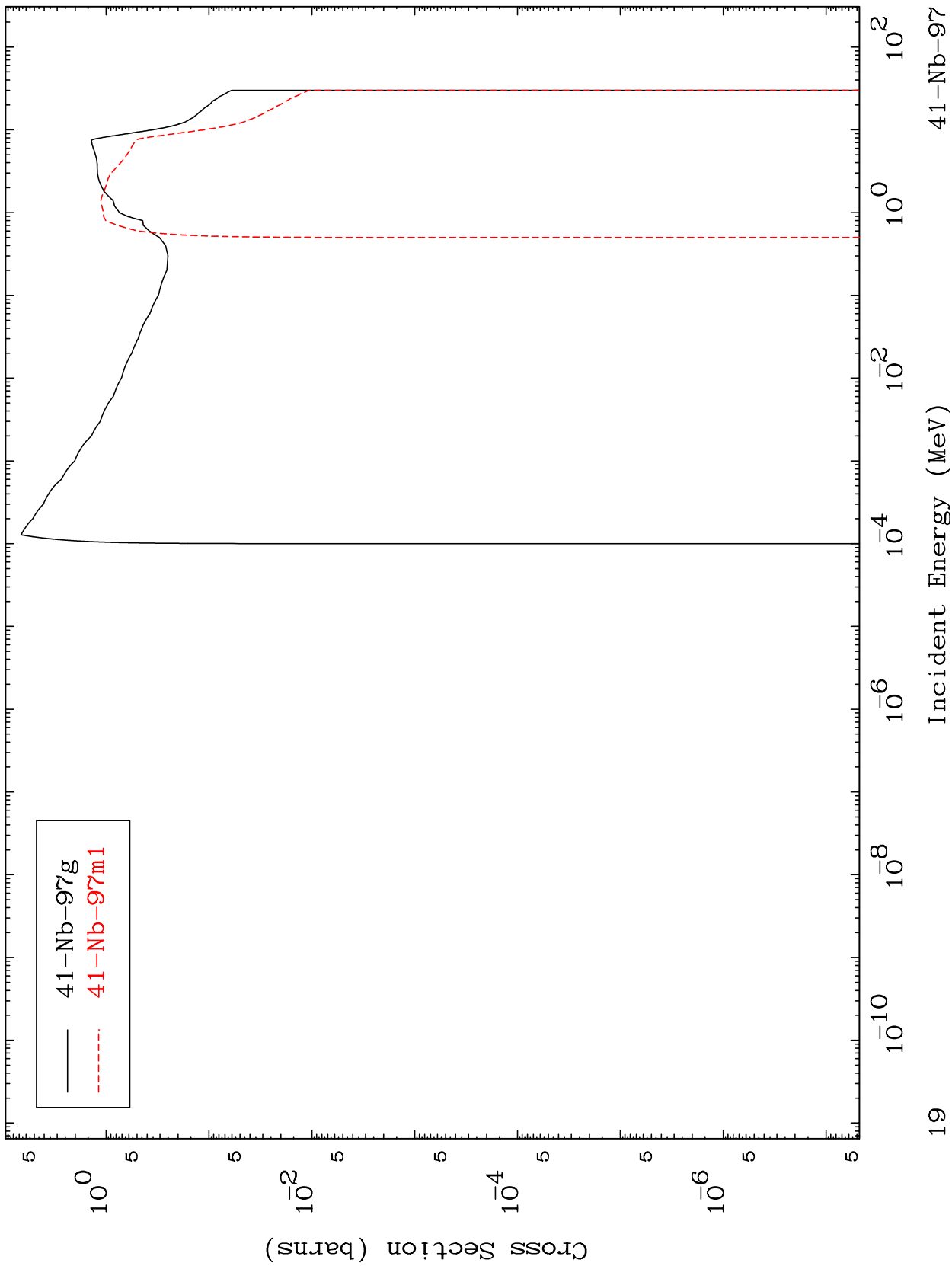
Incident Energy (MeV)

41-Nb-97

MAT 4138

41-Nb-97

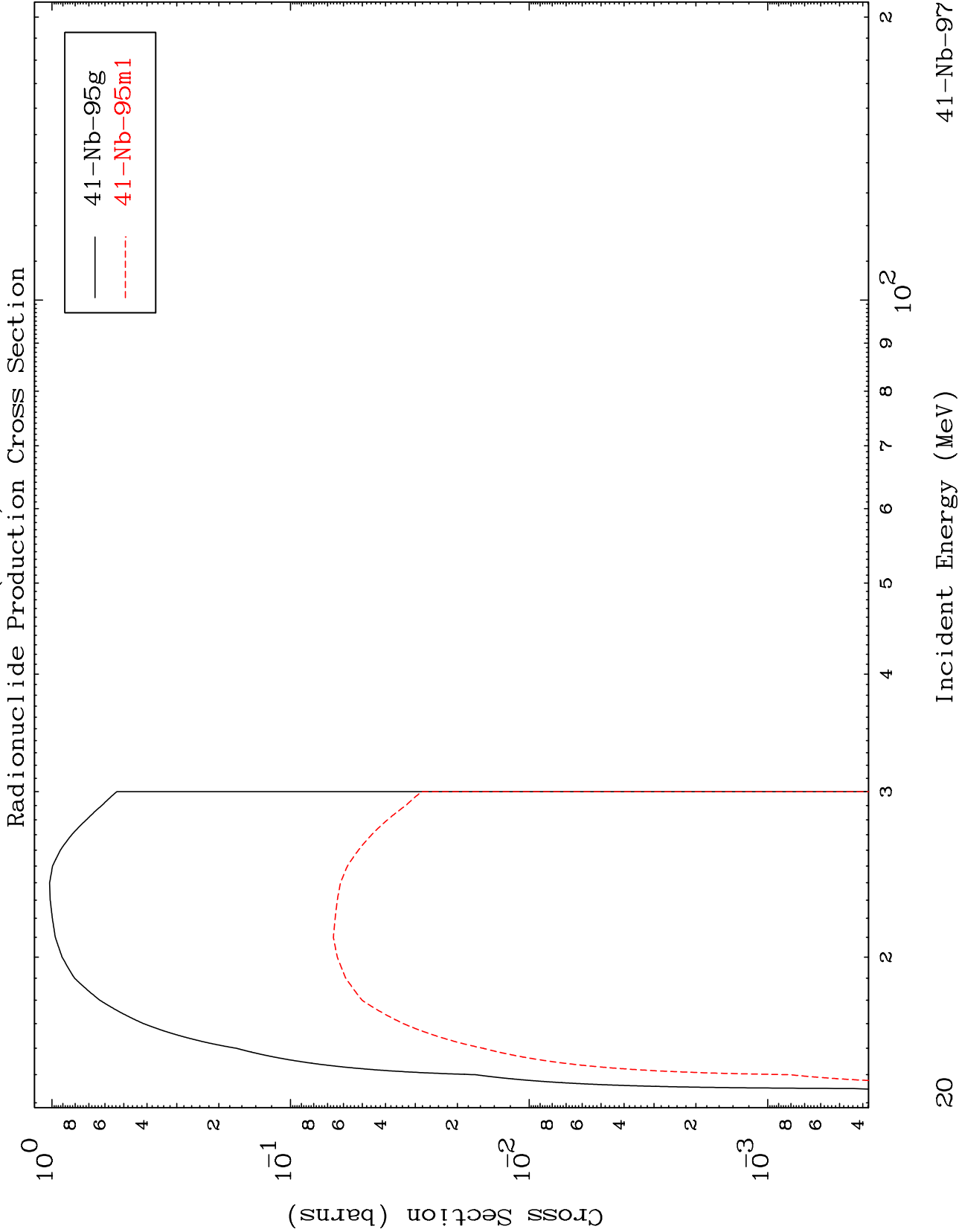
Inelastic  
Radionuclide Production Cross Section



MAT 4138

(n,3n)

41-Nb-97

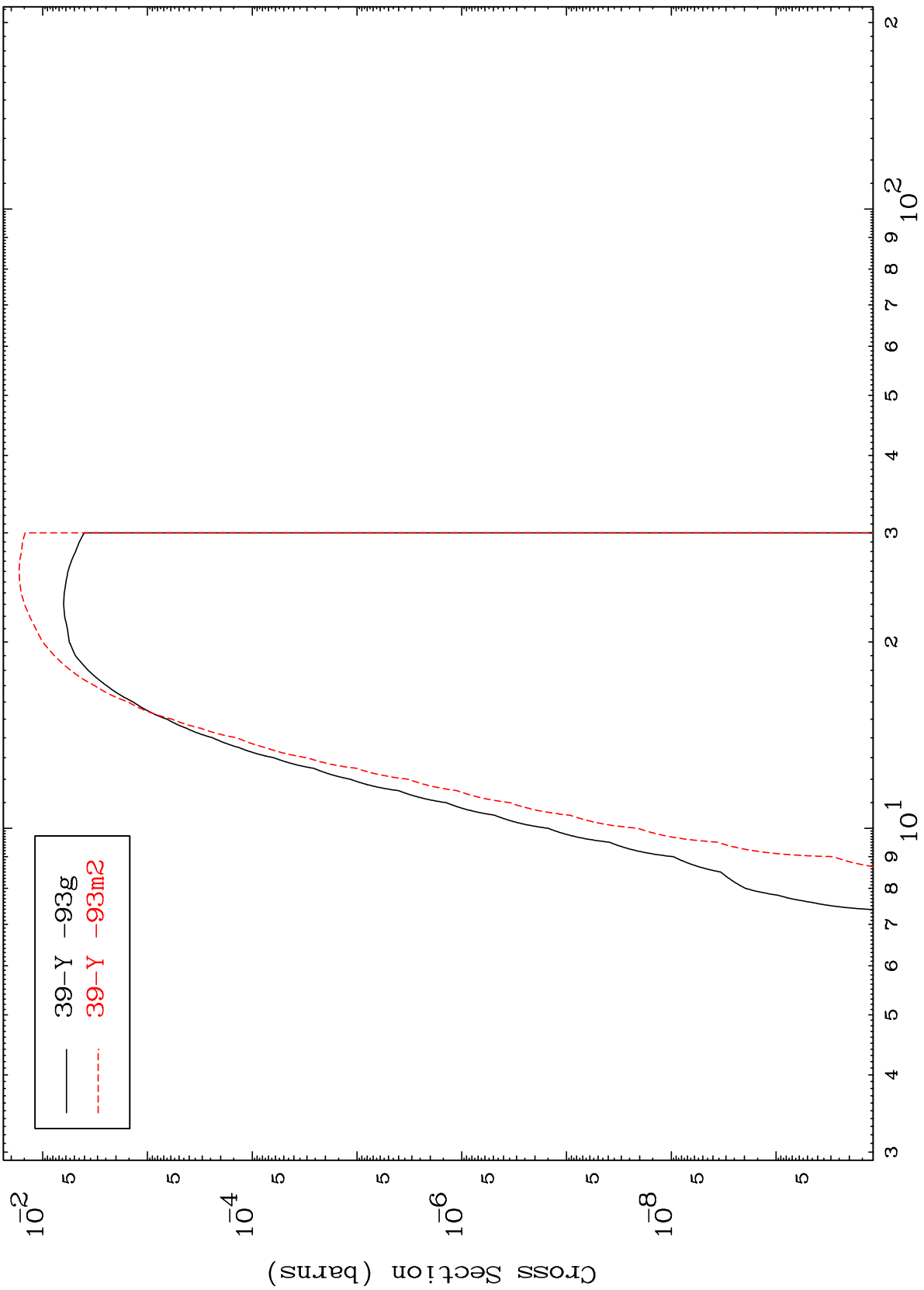


MAT 4138

$(n, n') \alpha$

41-Nb-97

Radionuclide Production Cross Section

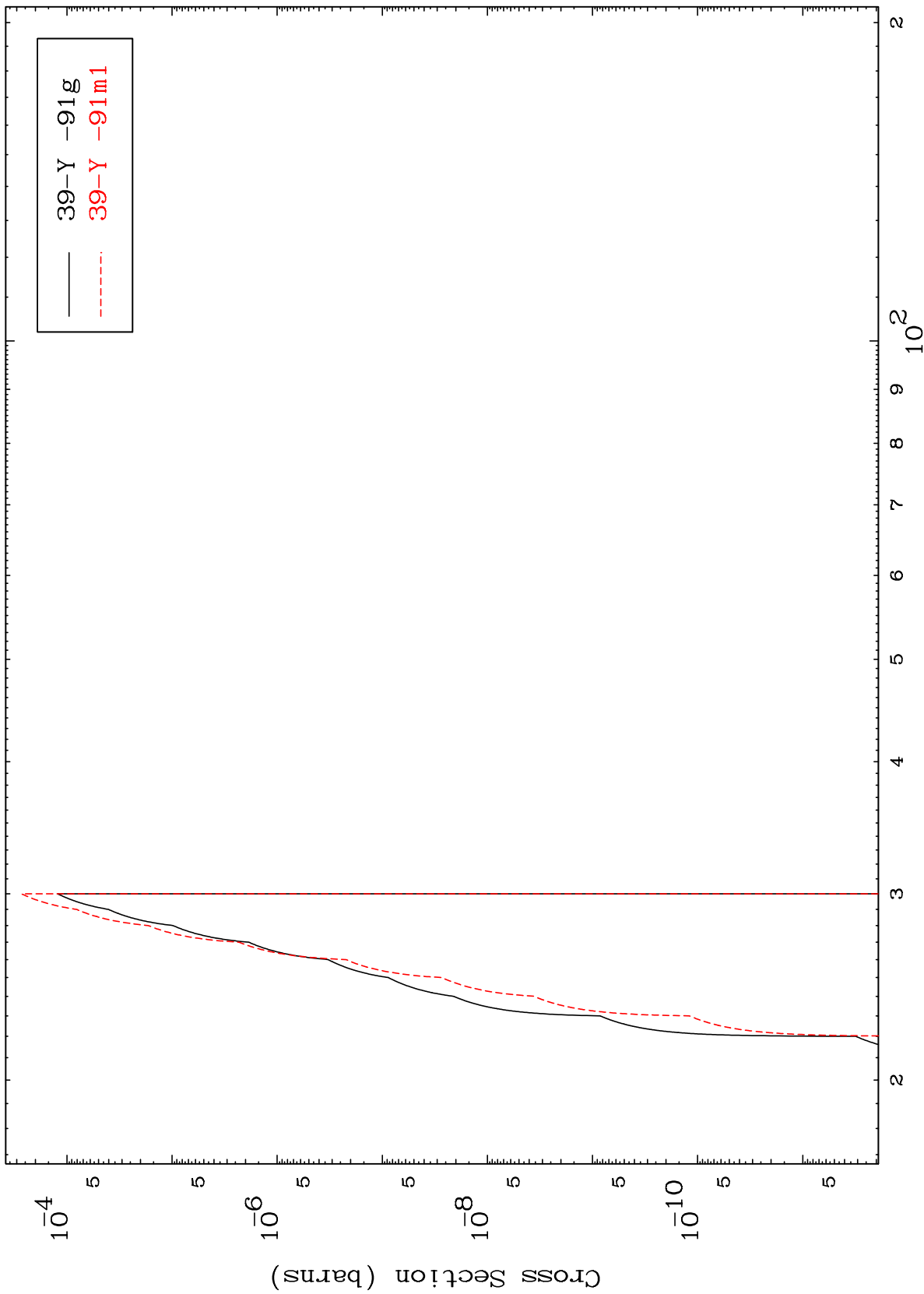


21

Incident Energy (MeV)

41-Nb-97

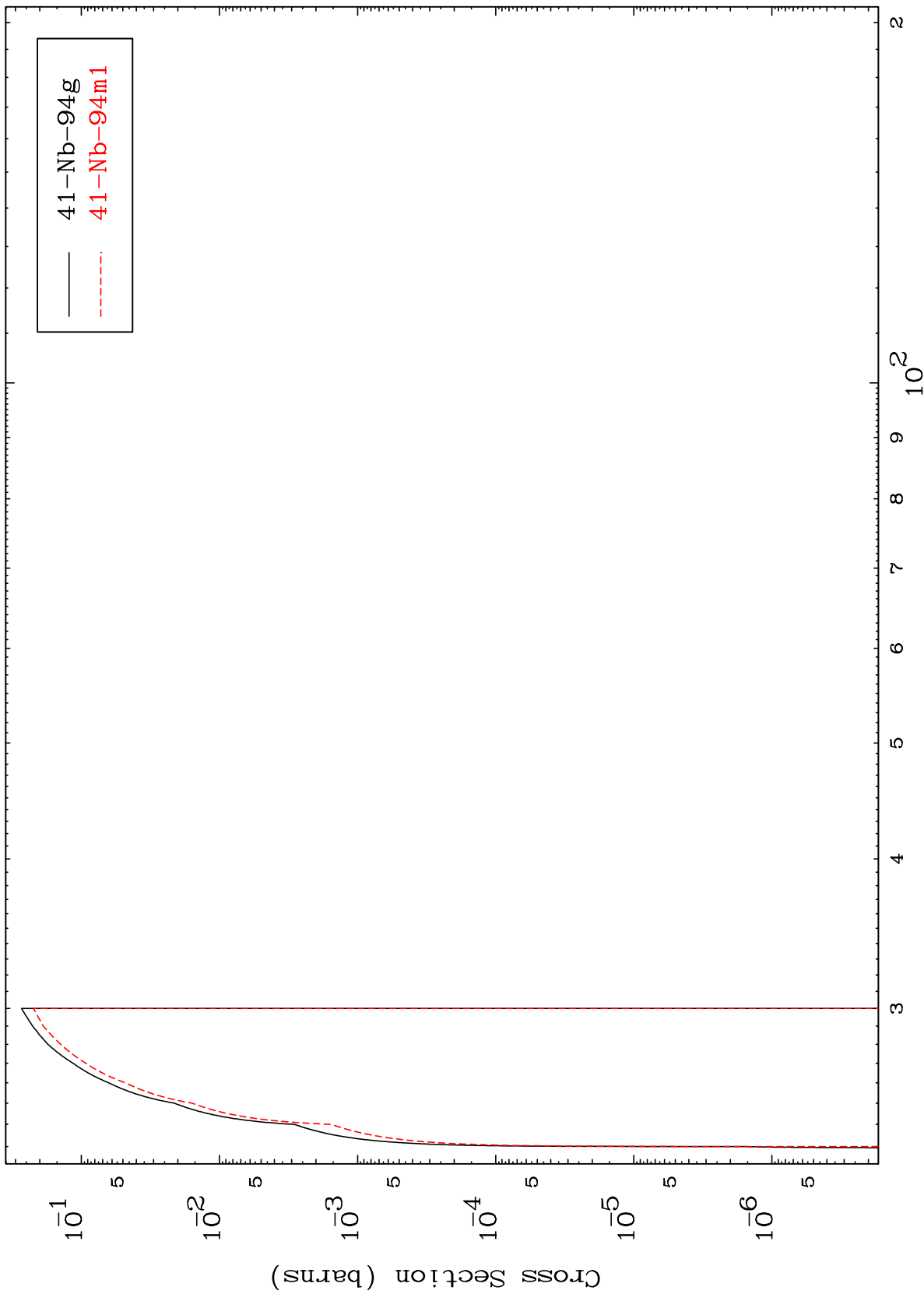
Radionuclide Production Cross Section



MAT 4138

41-Nb-97

(n,4n)  
Radionuclide Production Cross Section



23

41-Nb-97

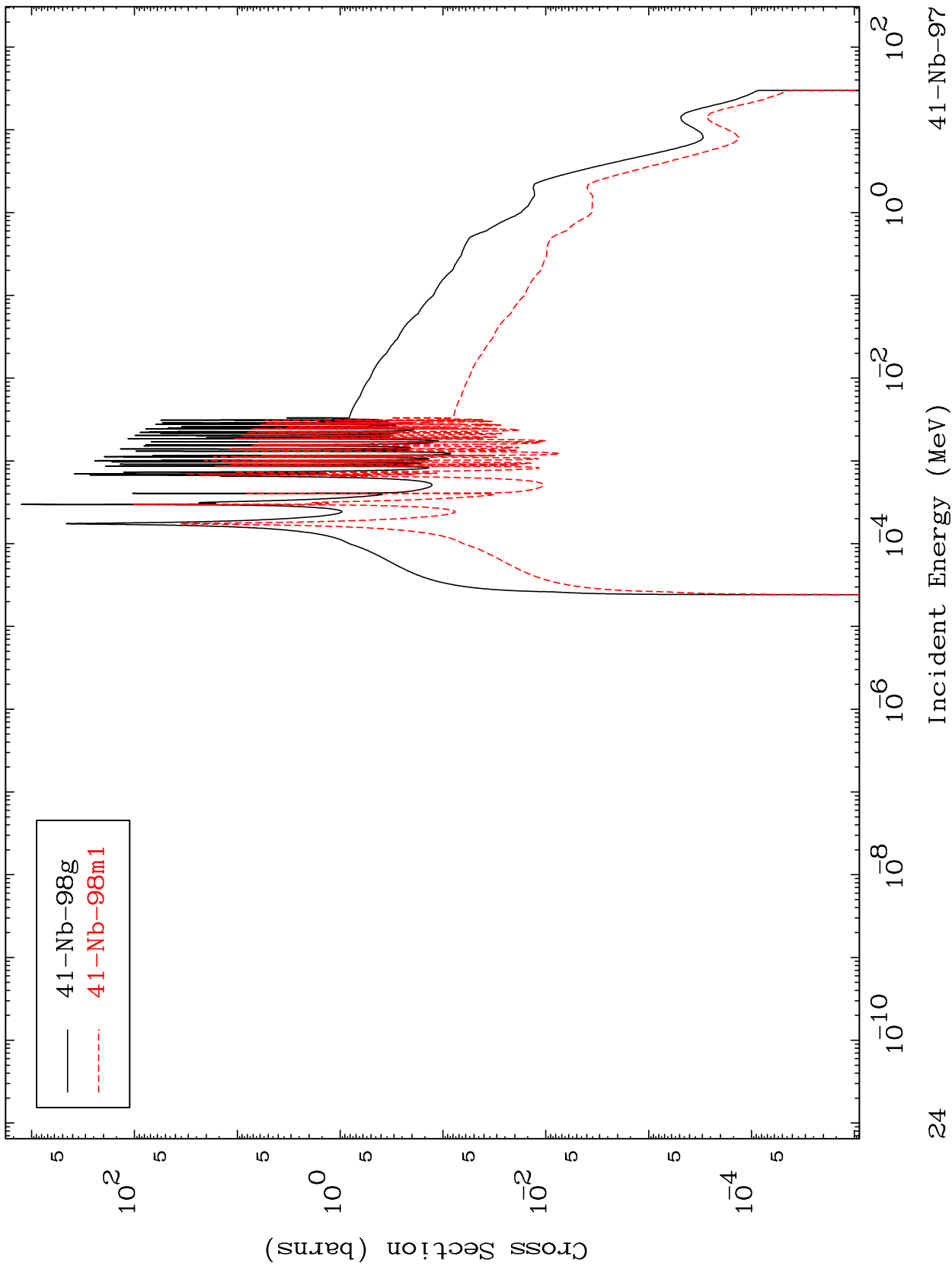
Incident Energy (MeV)



MAT 4138

41-Nb-97

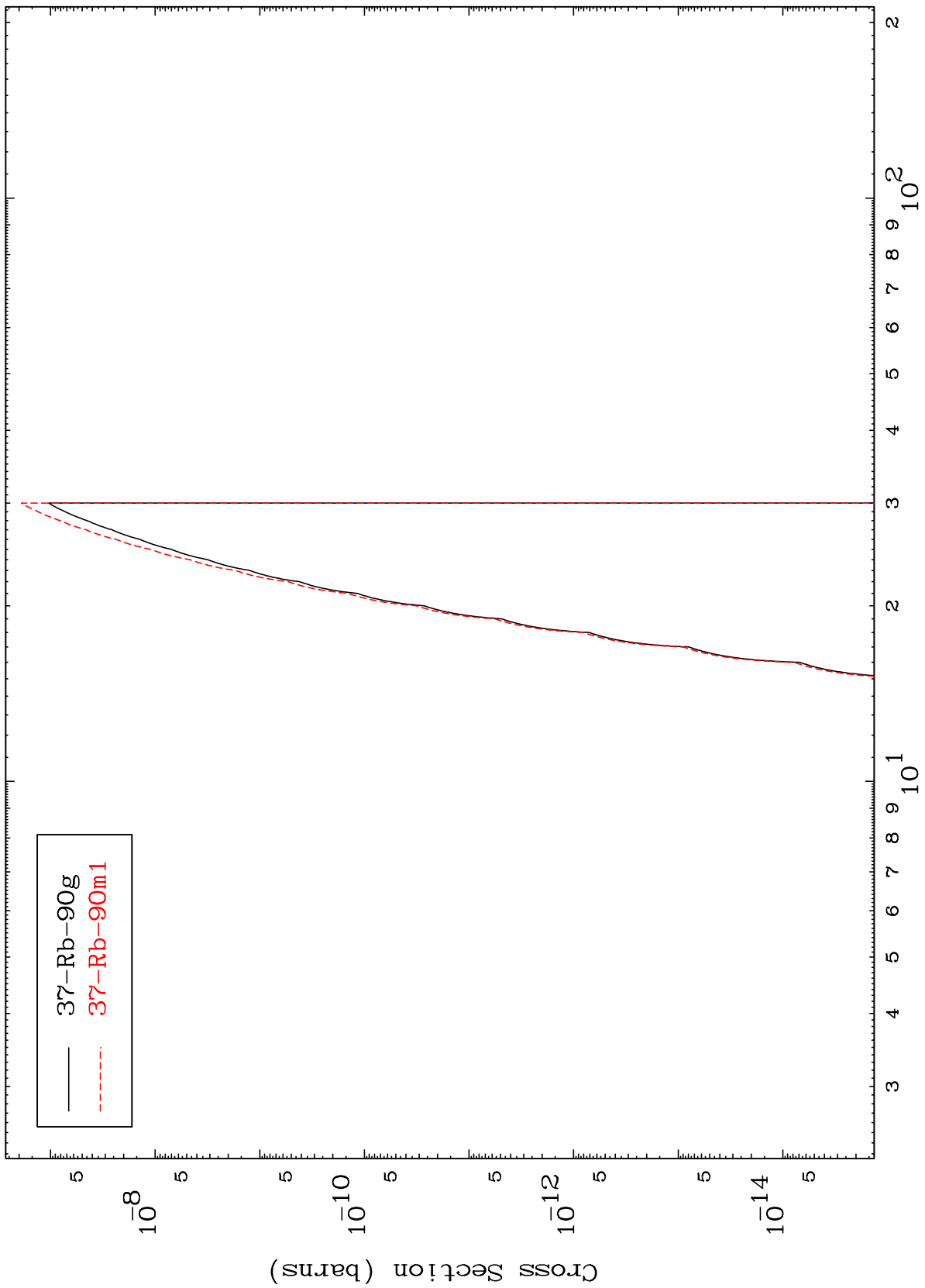
(n,γ)  
Radionuclide Production Cross Section



MAT 4138

41-Nb-97

(n,2α)  
Radionuclide Production Cross Section



25

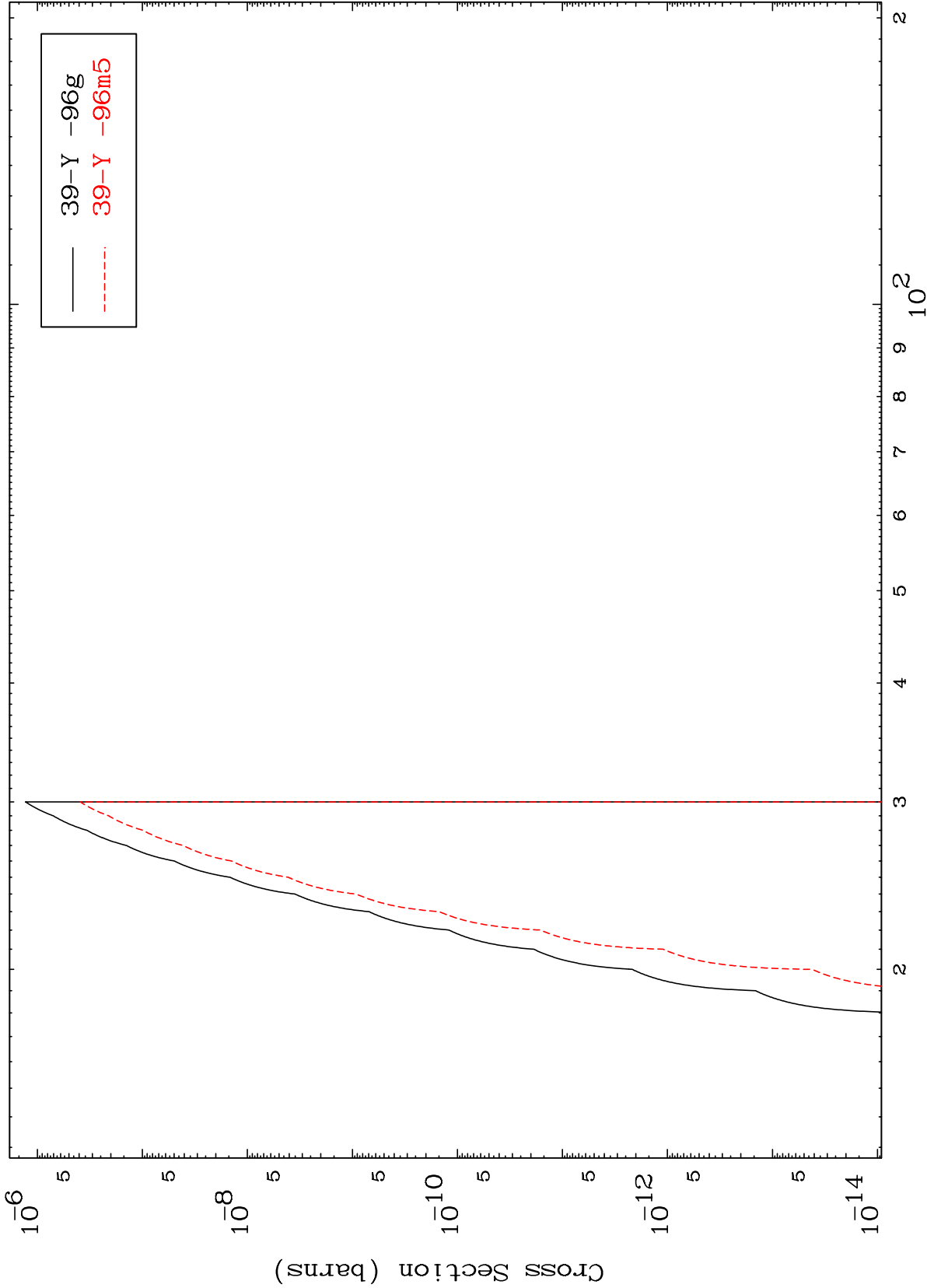
Incident Energy (MeV)

41-Nb-97

MAT 4138

41-Nb-97

(n,2p)  
Radionuclide Production Cross Section



26

41-Nb-97

Incident Energy (MeV)