

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](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

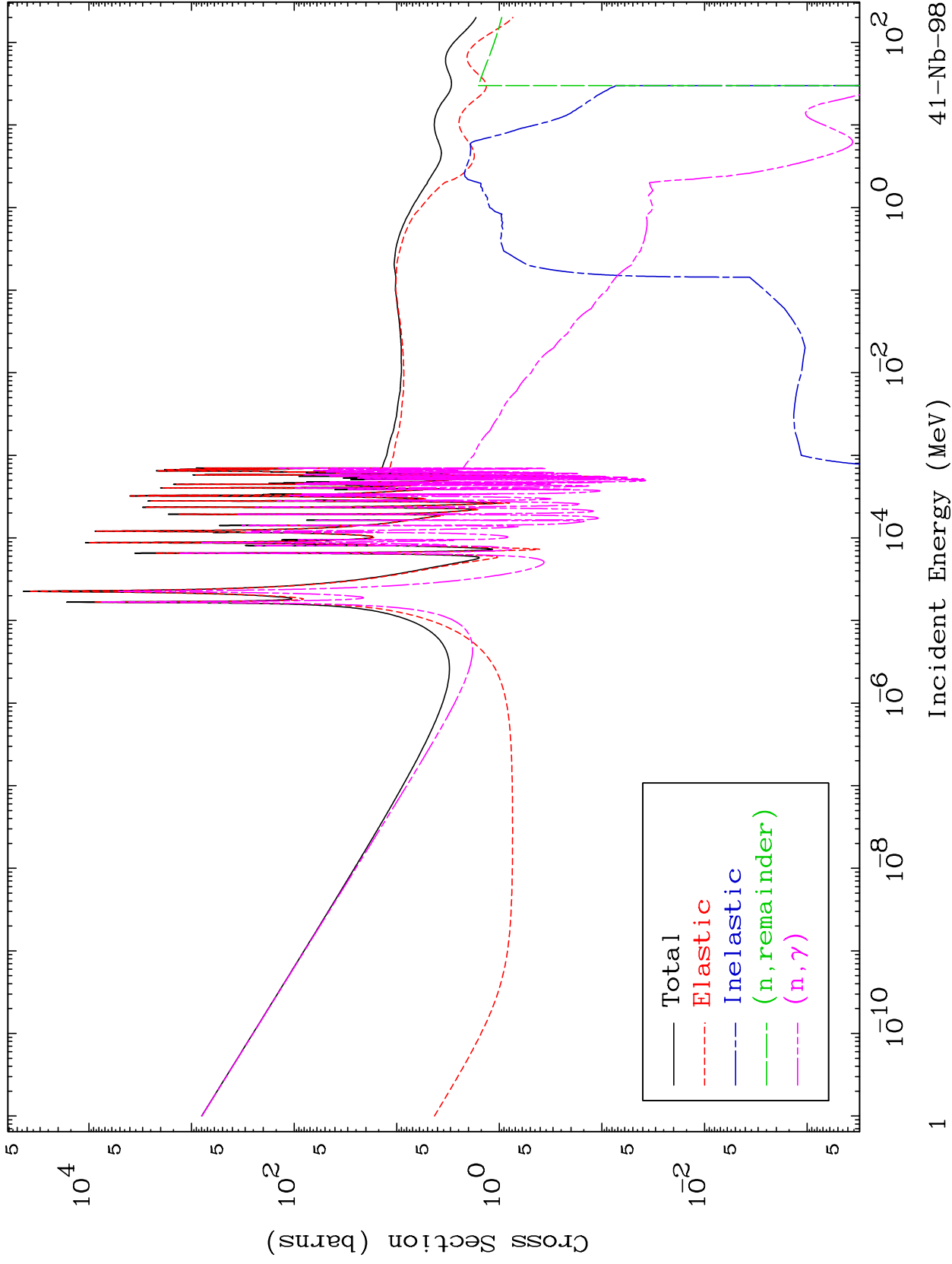
Press Mouse Button to Start

MAT 4141

Major

293 Kelvin Cross Sections

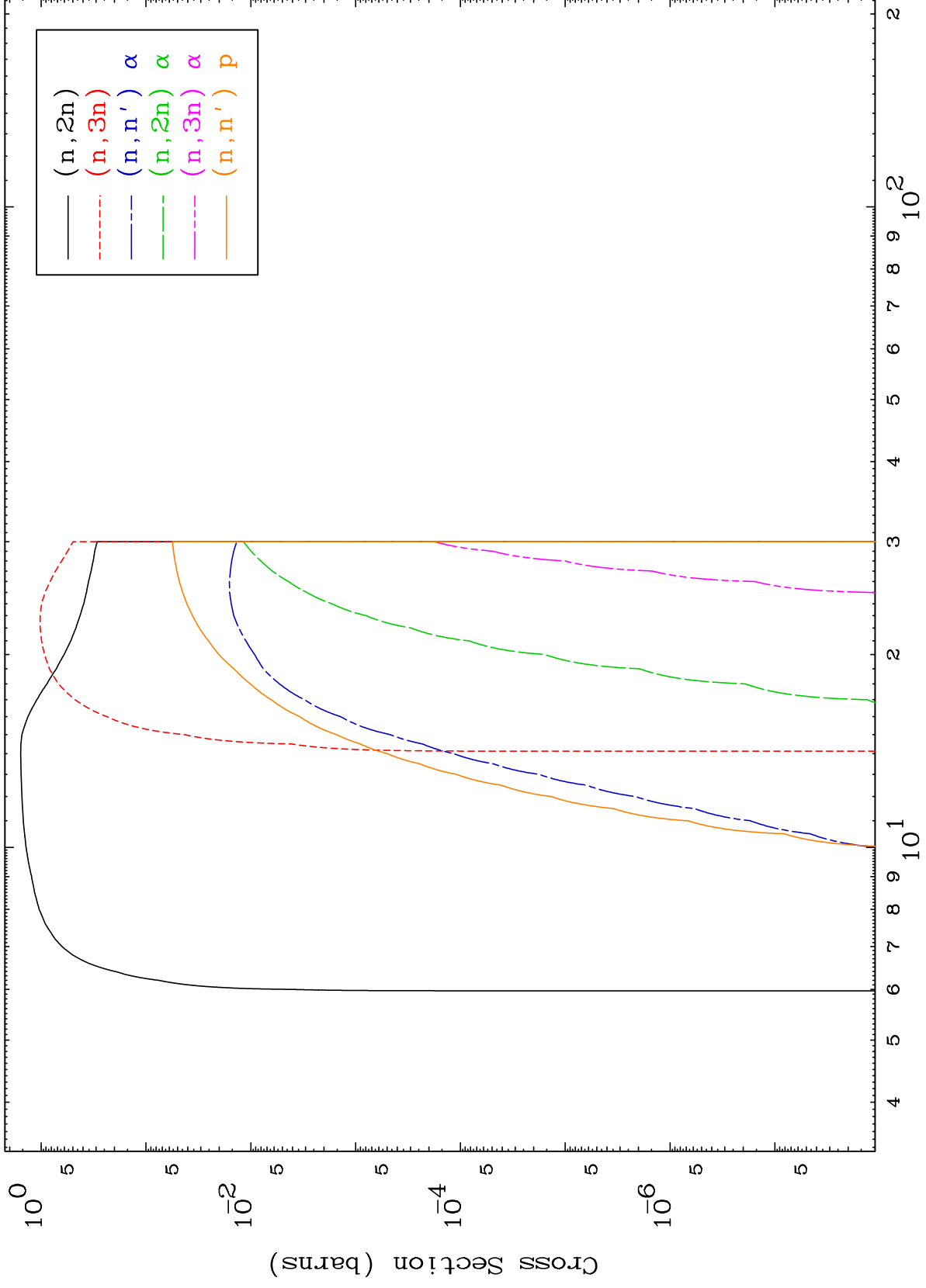
41-Nb-98



MAT 4141

Neutron Production  
293 Kelvin Cross Sections

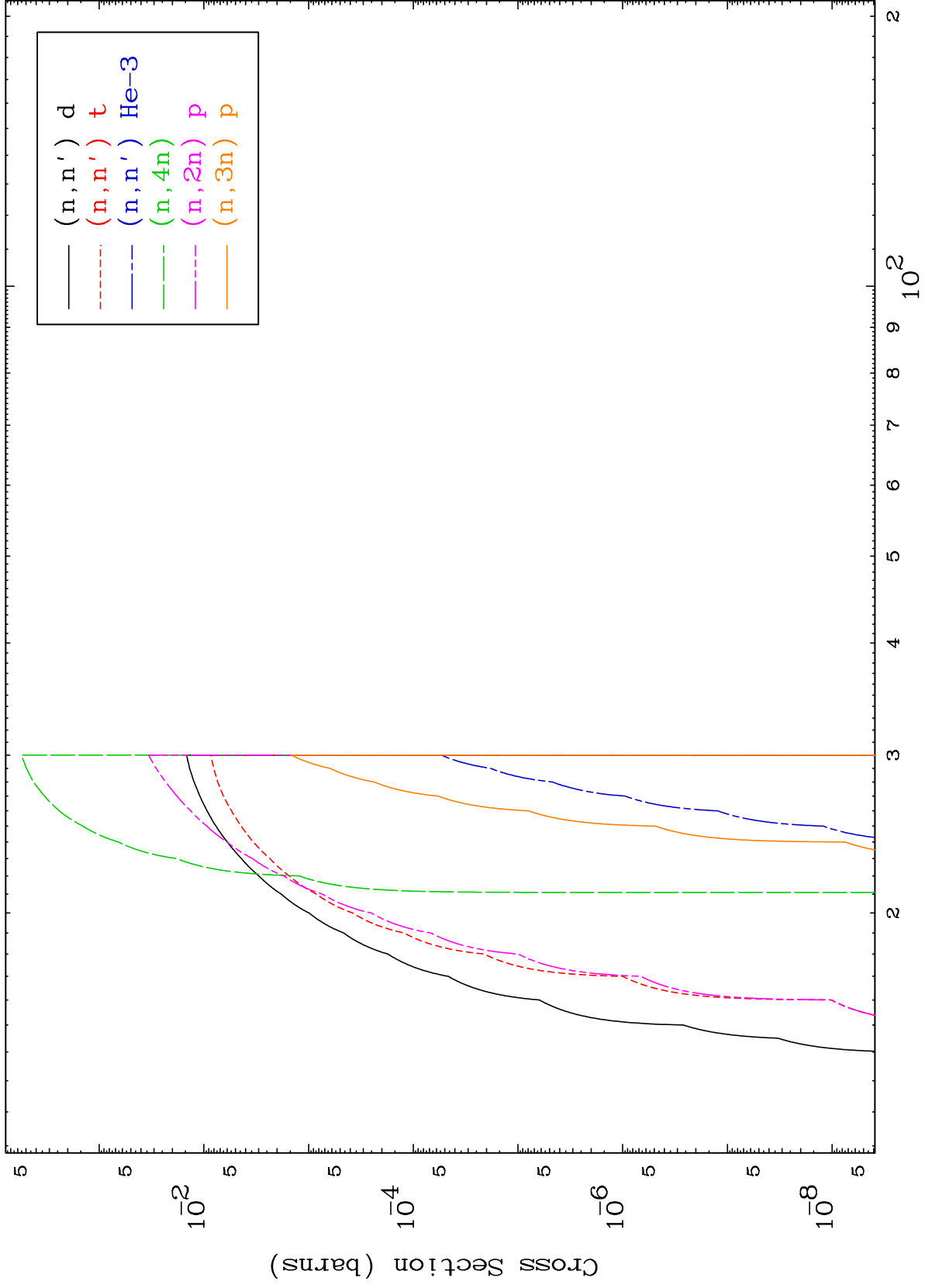
41-Nb-98

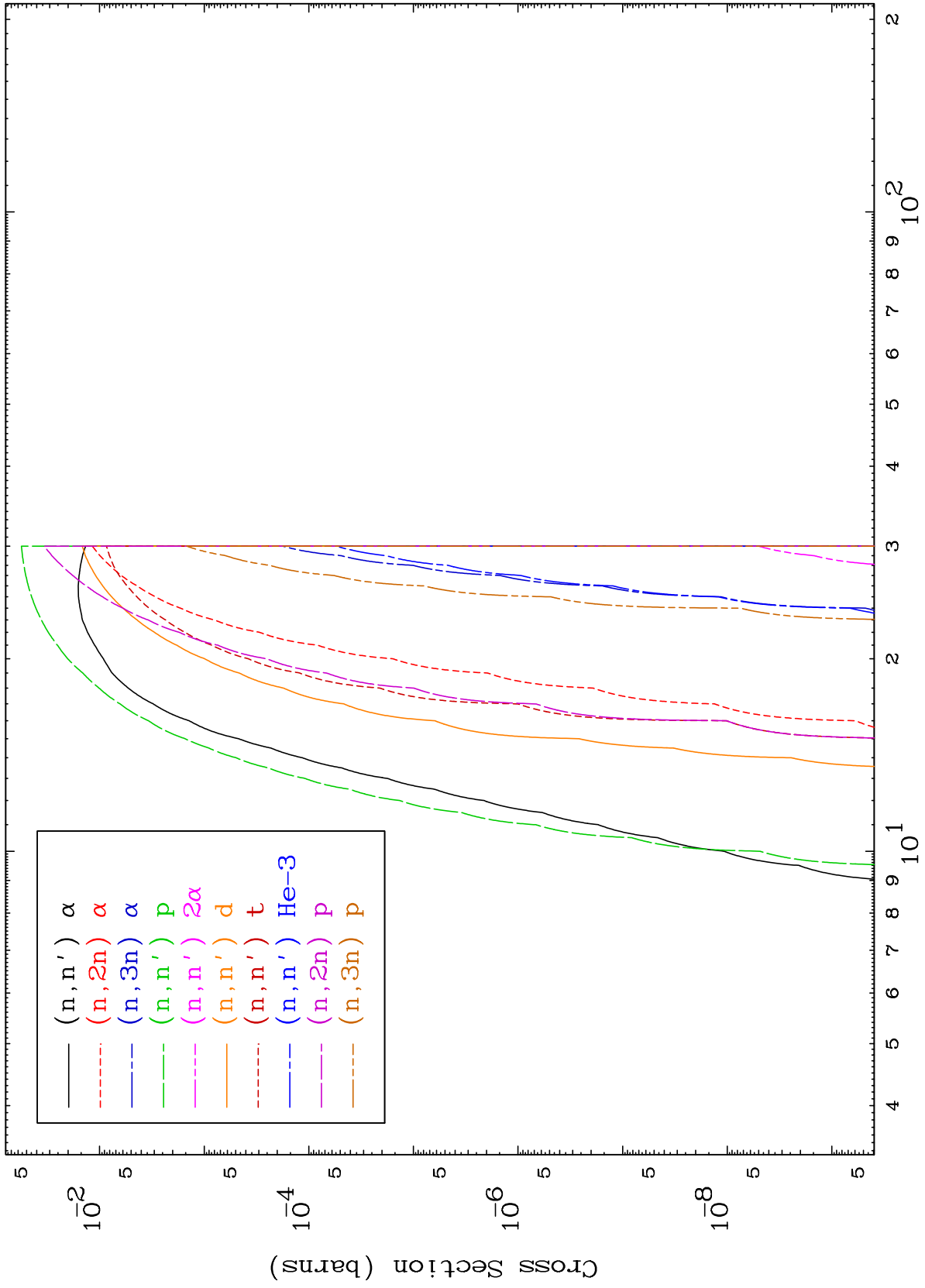


2

Incident Energy (MeV)

41-Nb-98

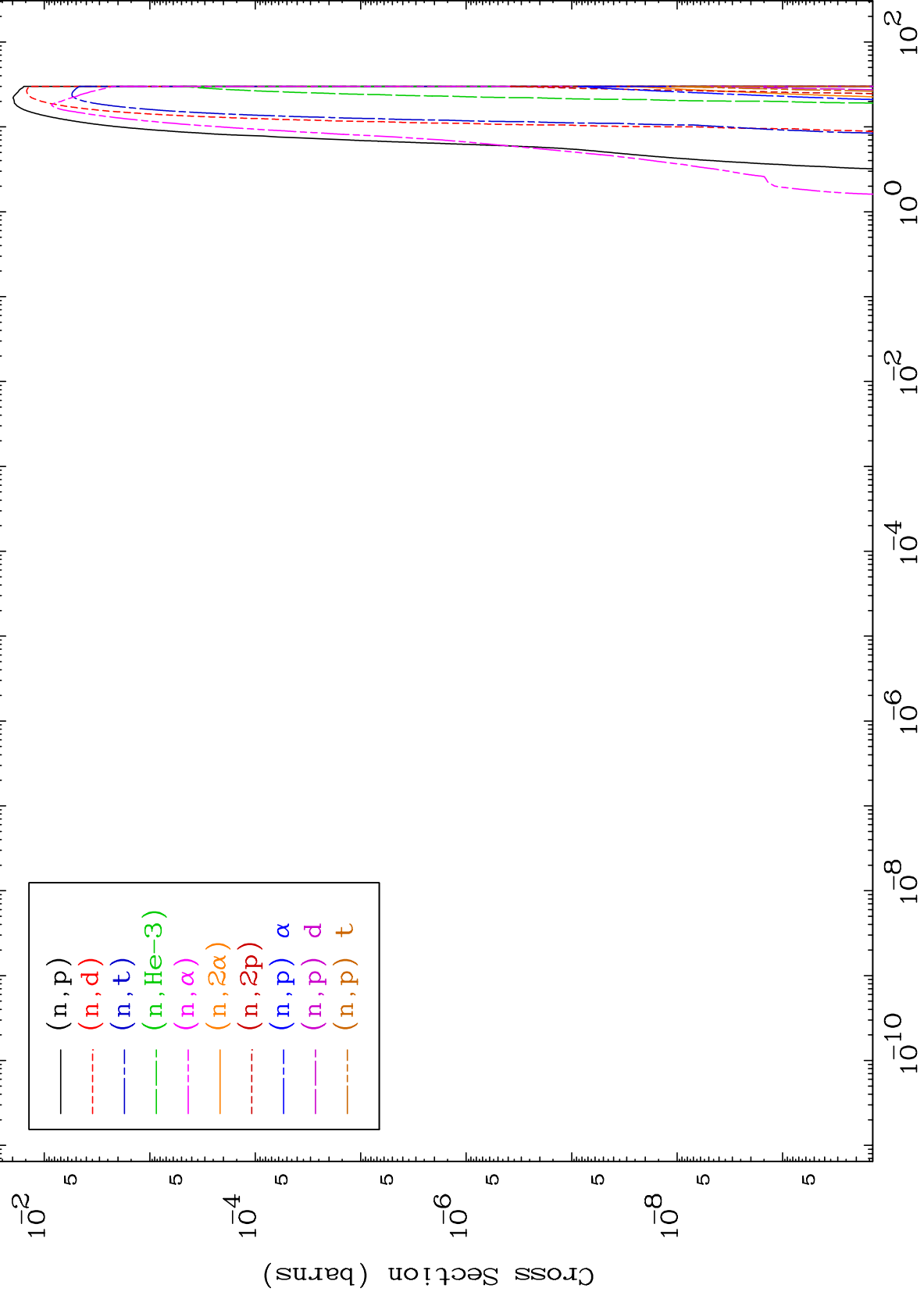




MAT 4141

Charged Particle  
293 Kelvin Cross Sections

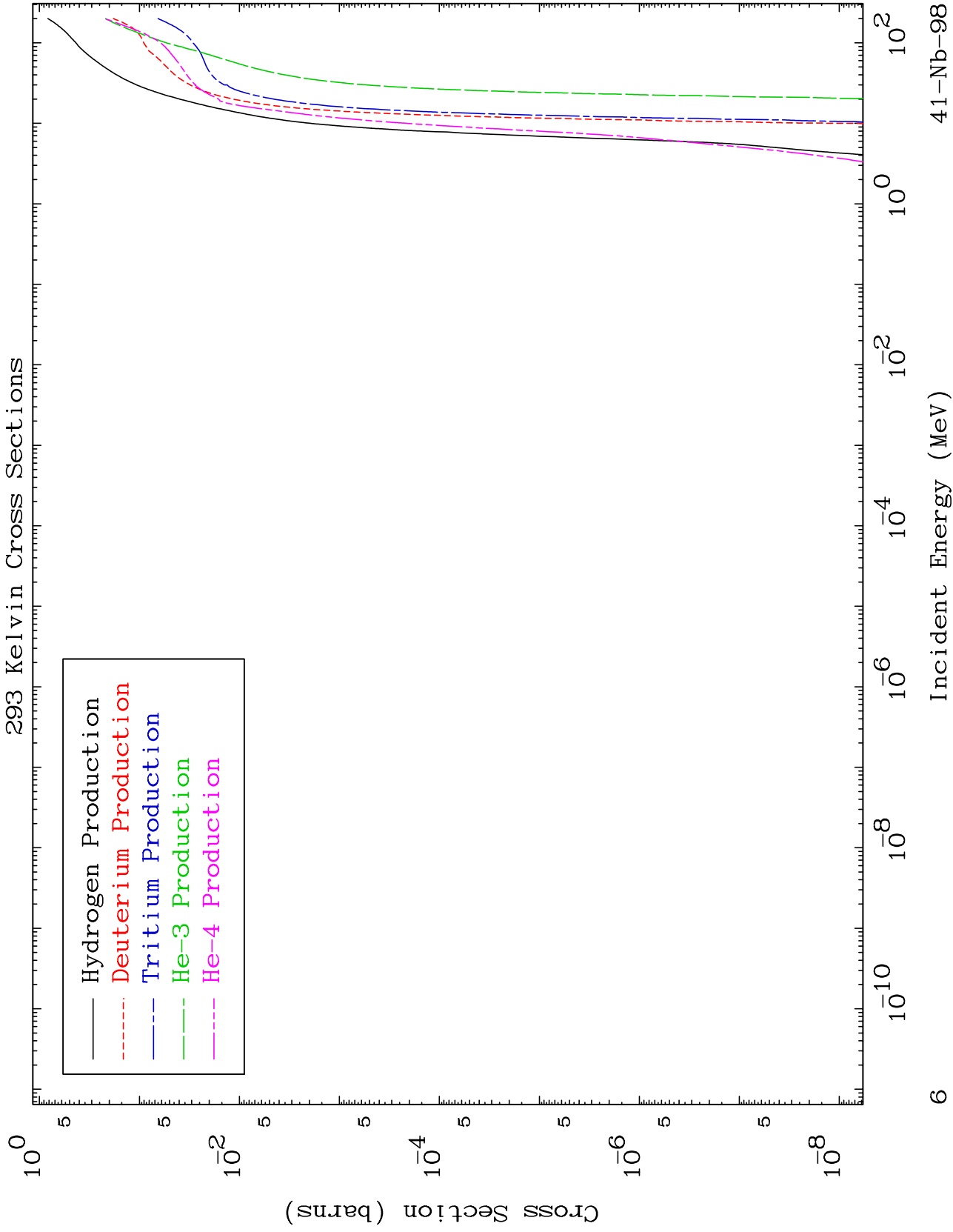
41-Nb-98



MAT 4141

Particle Production  
293 Kelvin Cross Sections

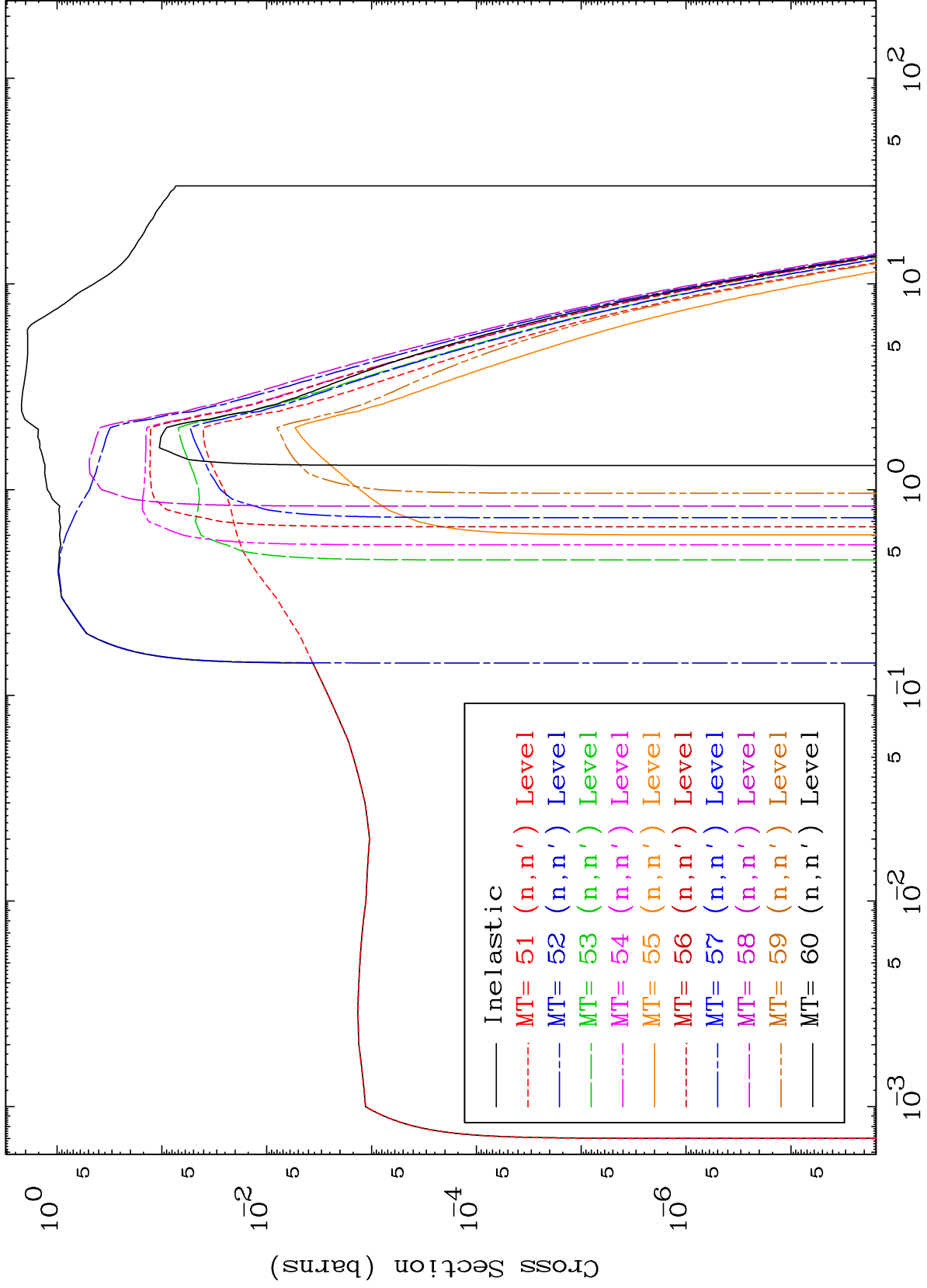
41-Nb-98



MAT 4141

293 Kelvin Cross Sections  
(n,n') Level

41-Nb-98



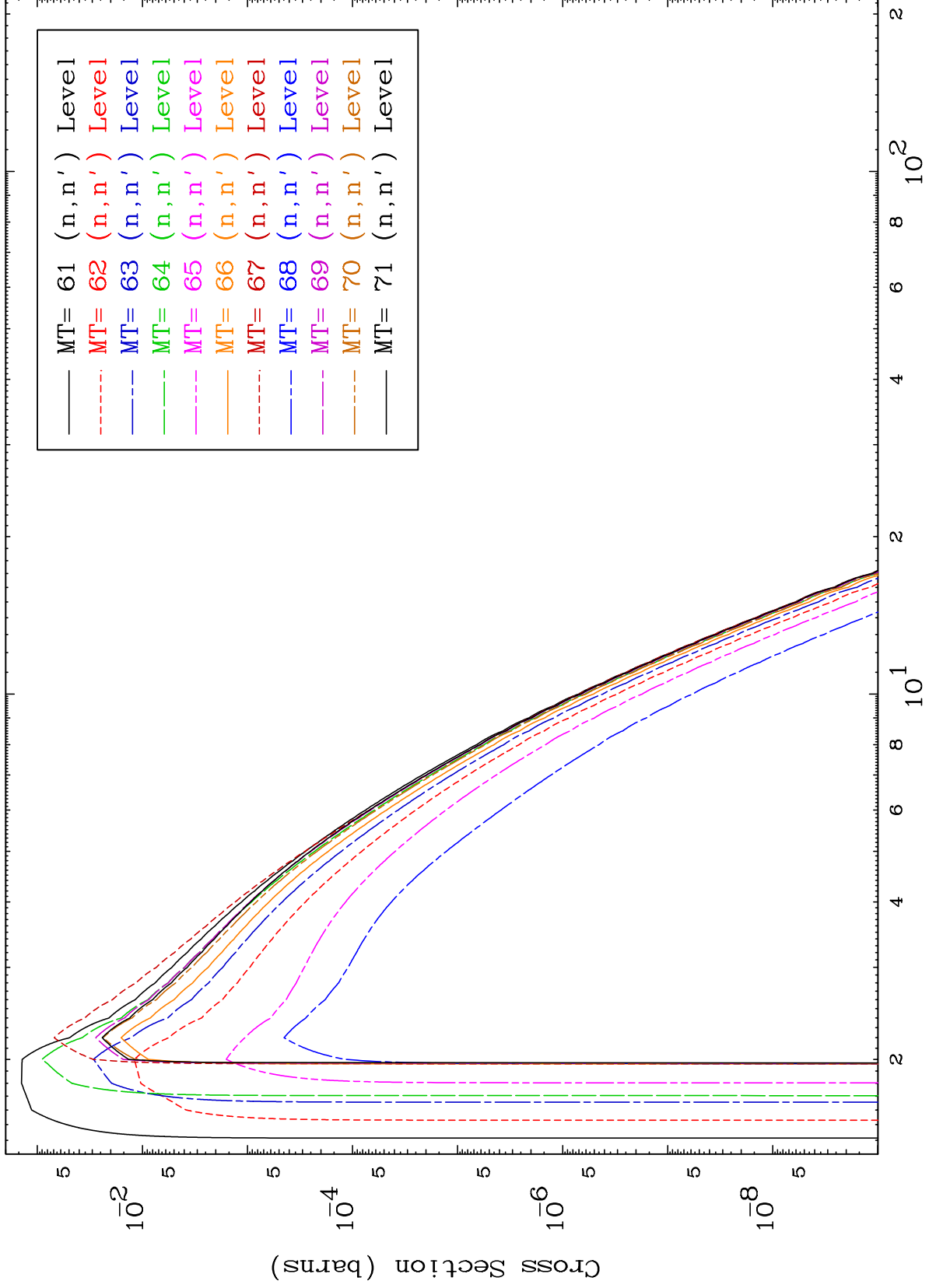


MAT 4141

(n,n') Level

41-Nb-98

293 Kelvin Cross Sections



8

Incident Energy (MeV)

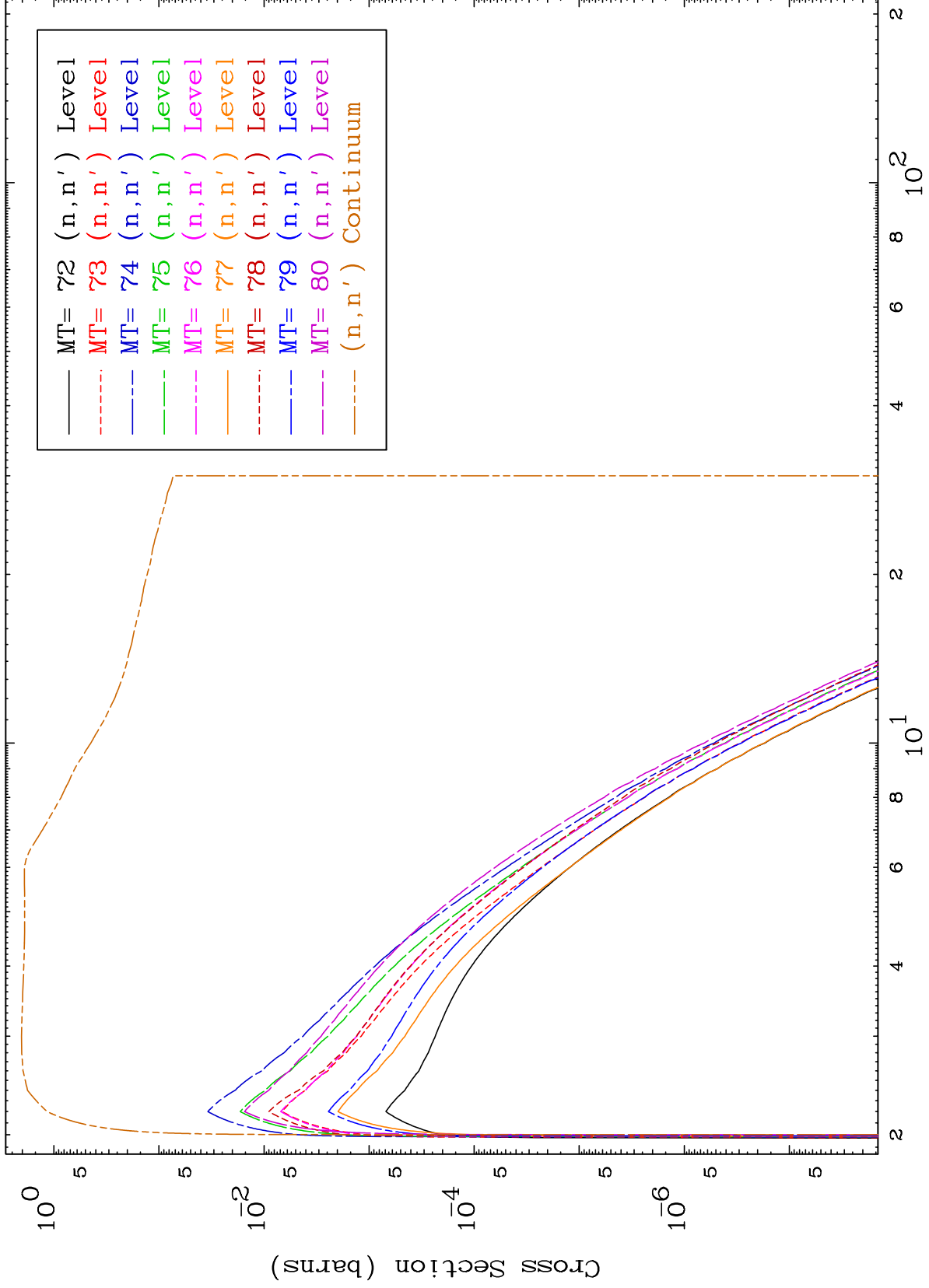
41-Nb-98

MAT 4141

(n,n') Level

41-Nb-98

293 Kelvin Cross Sections



9

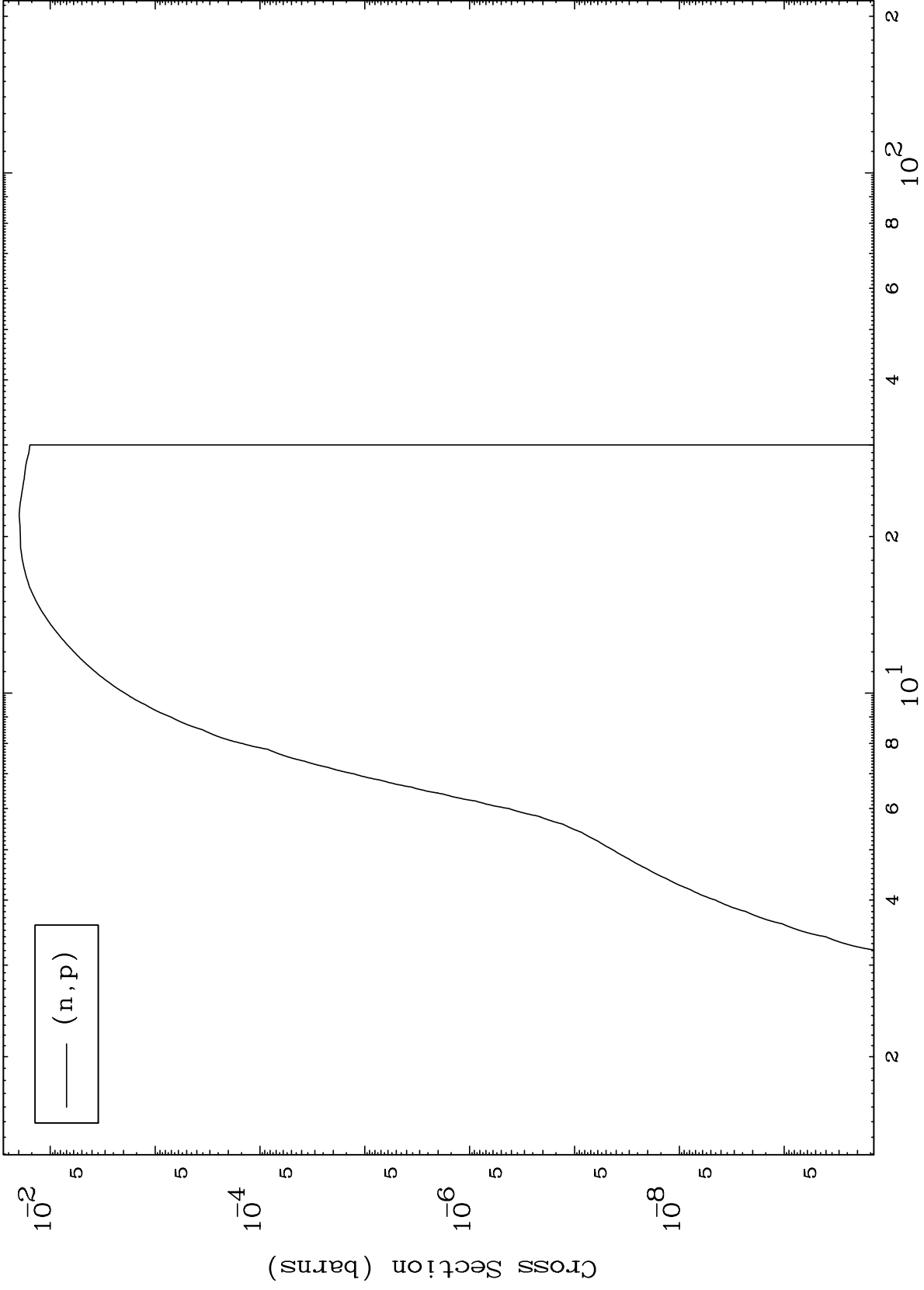
Incident Energy (MeV)

41-Nb-98

MAT 4141

(n,p) Levels  
293 Kelvin Cross Sections

41-Nb-98



10

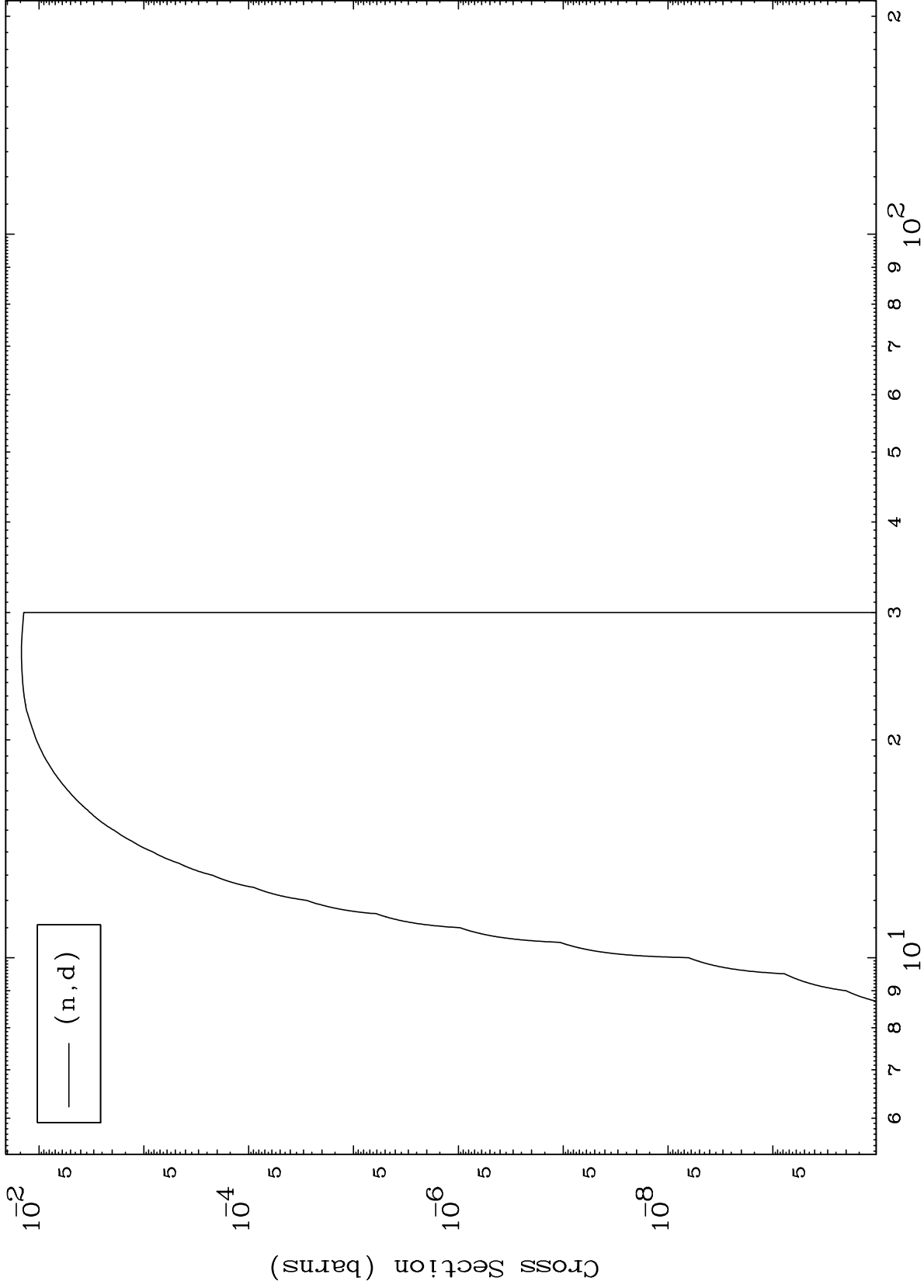
Incident Energy (MeV)

41-Nb-98

MAT 4141

(n,d) Levels  
293 Kelvin Cross Sections

41-Nb-98



11

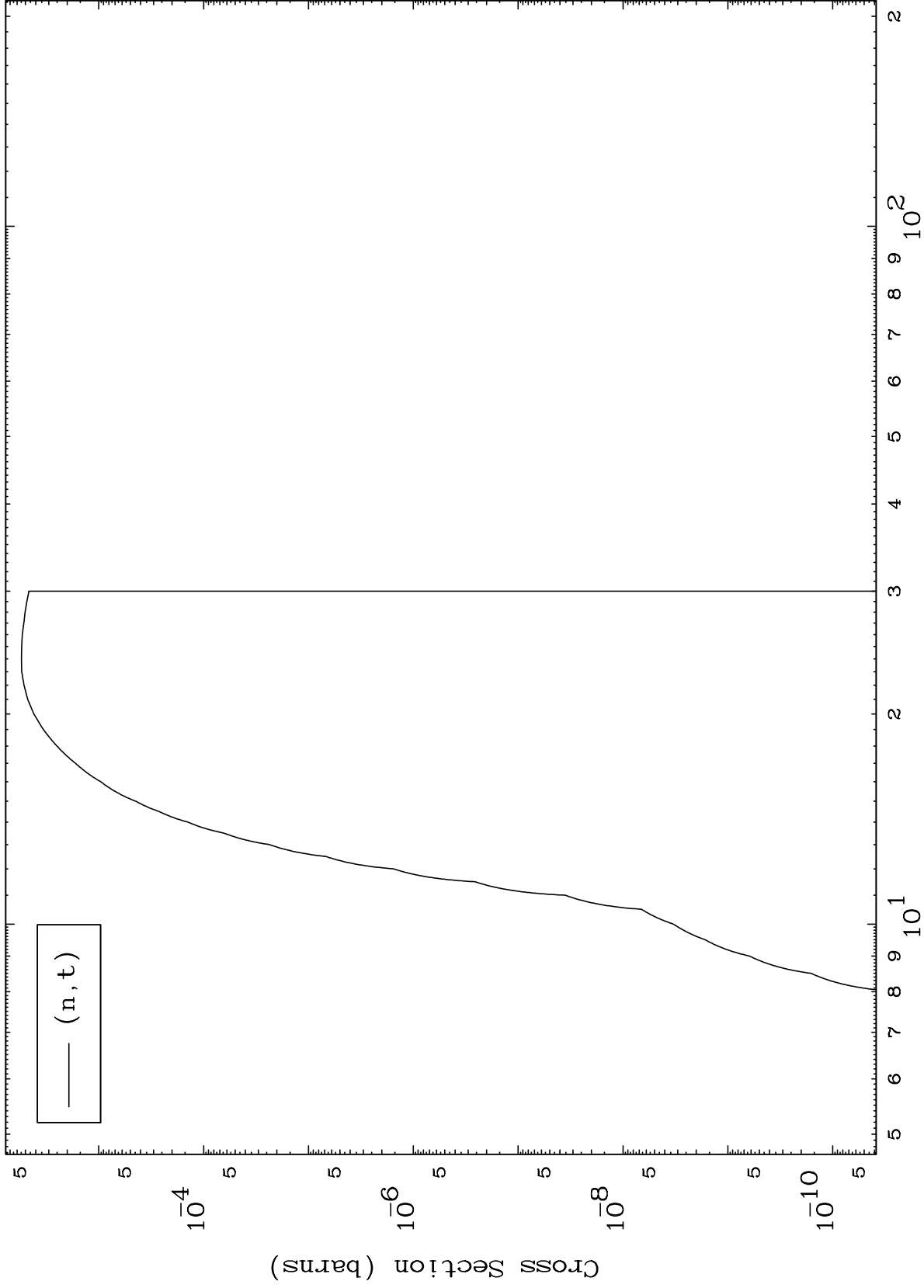
Incident Energy (MeV)

41-Nb-98

MAT 4141

(n,t) Levels  
293 Kelvin Cross Sections

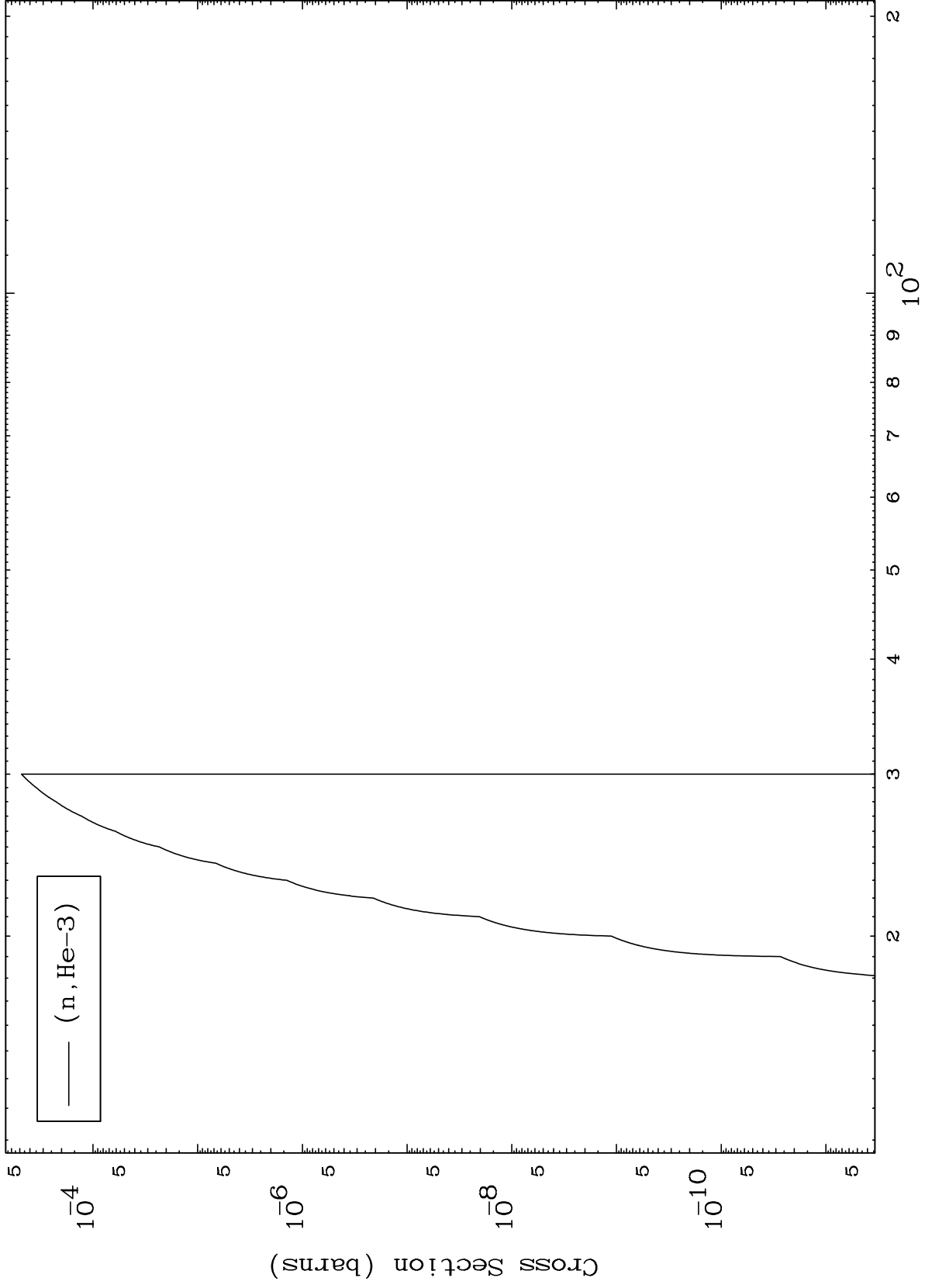
41-Nb-98

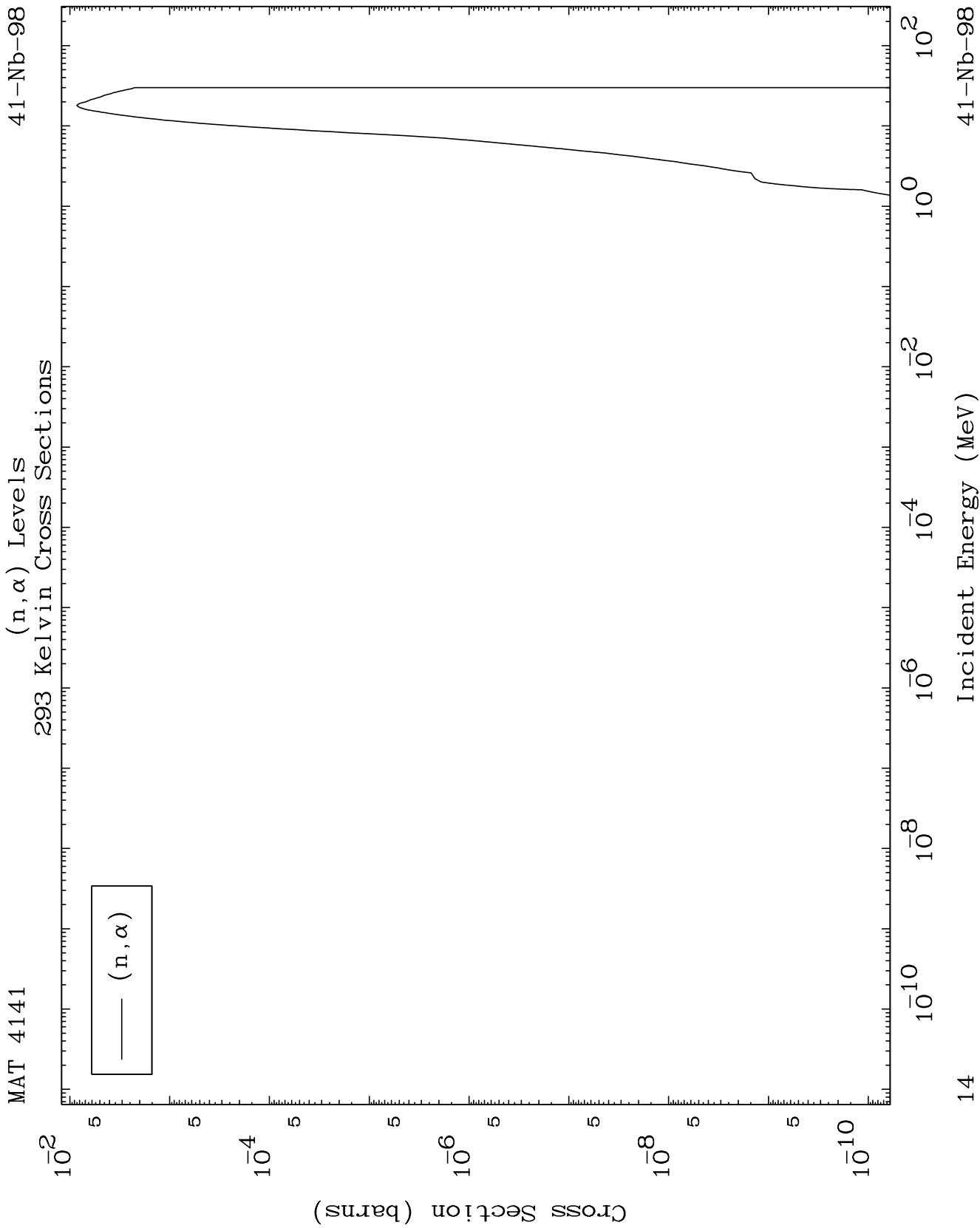


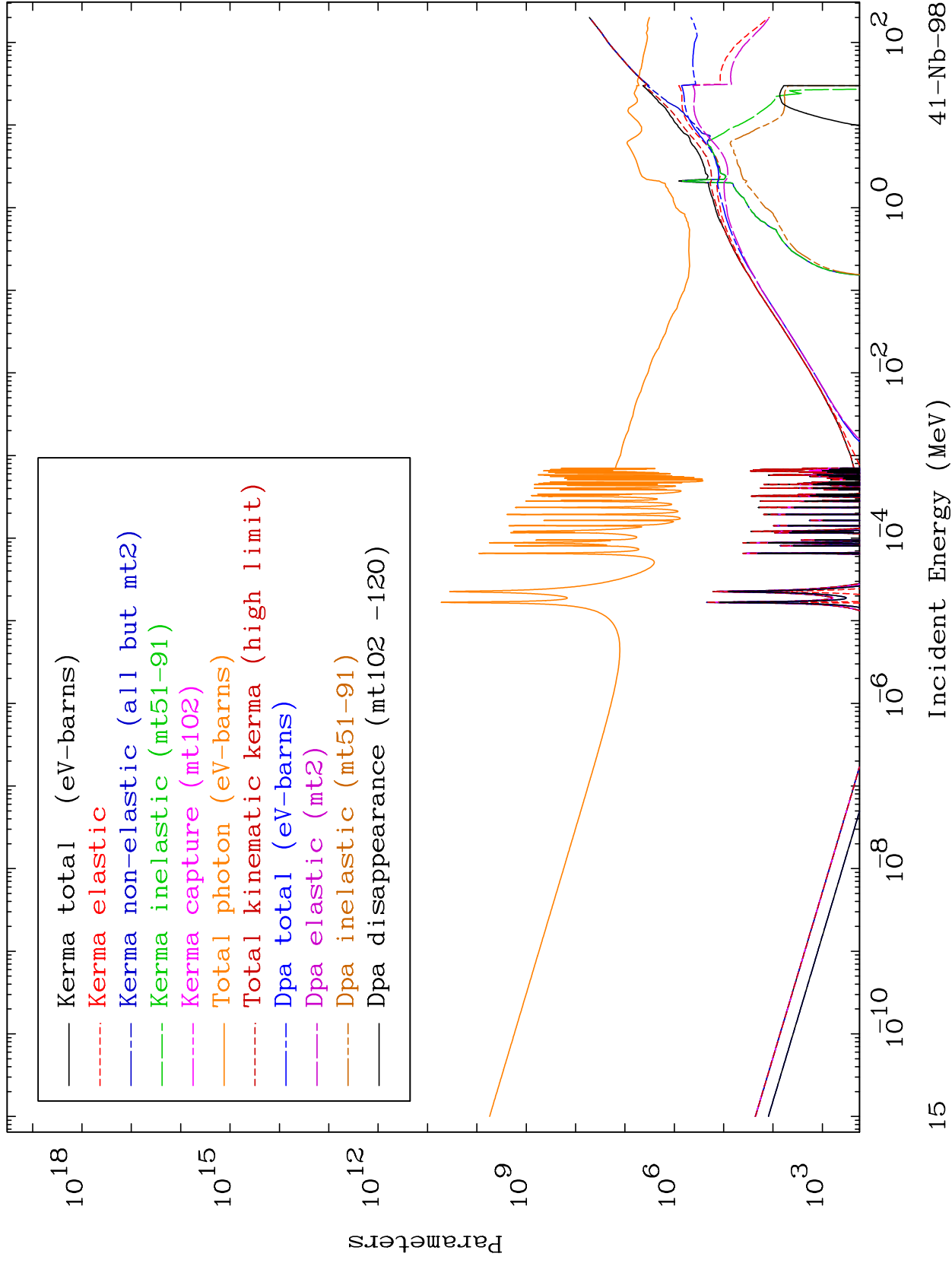
12

Incident Energy (MeV)

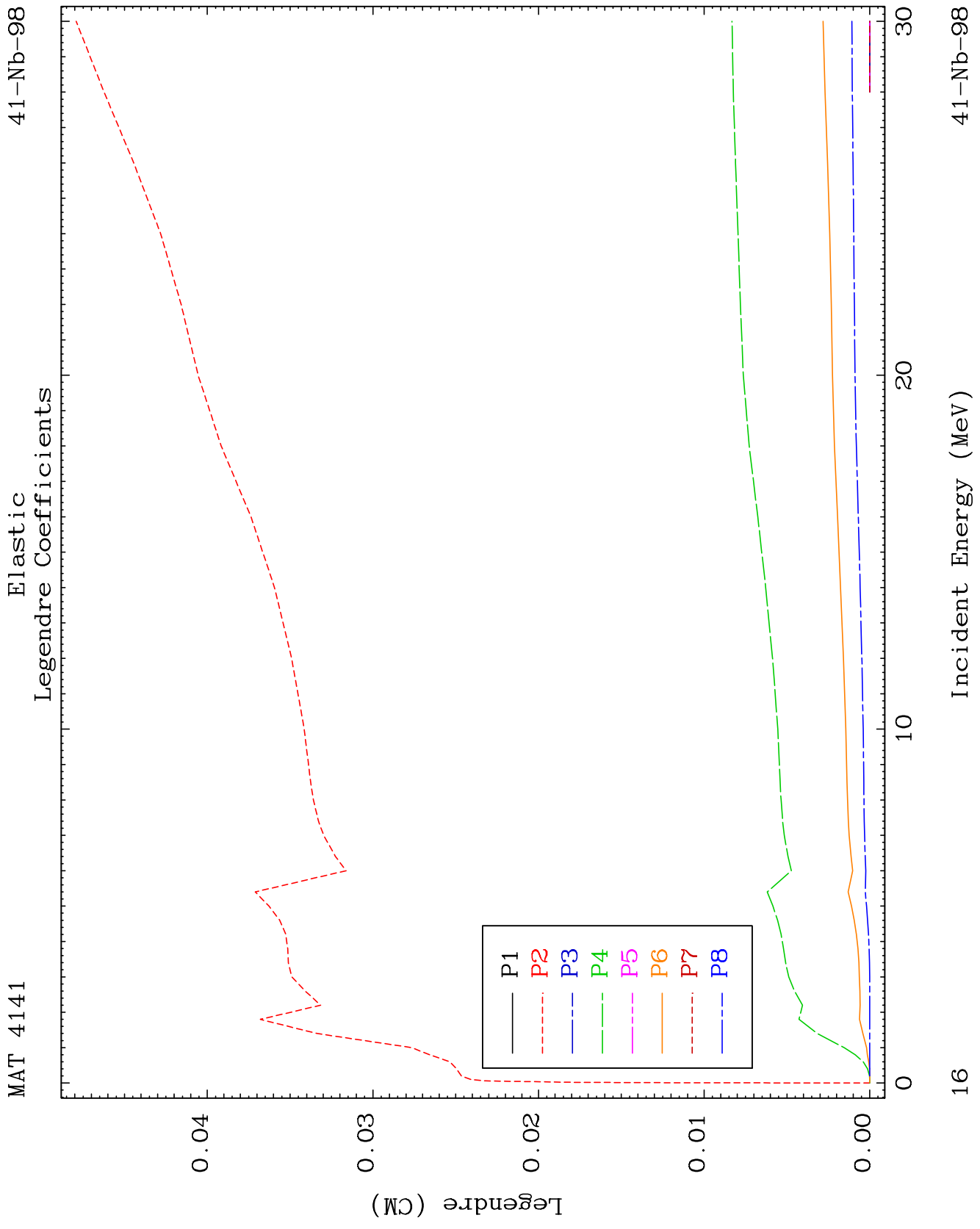
41-Nb-98







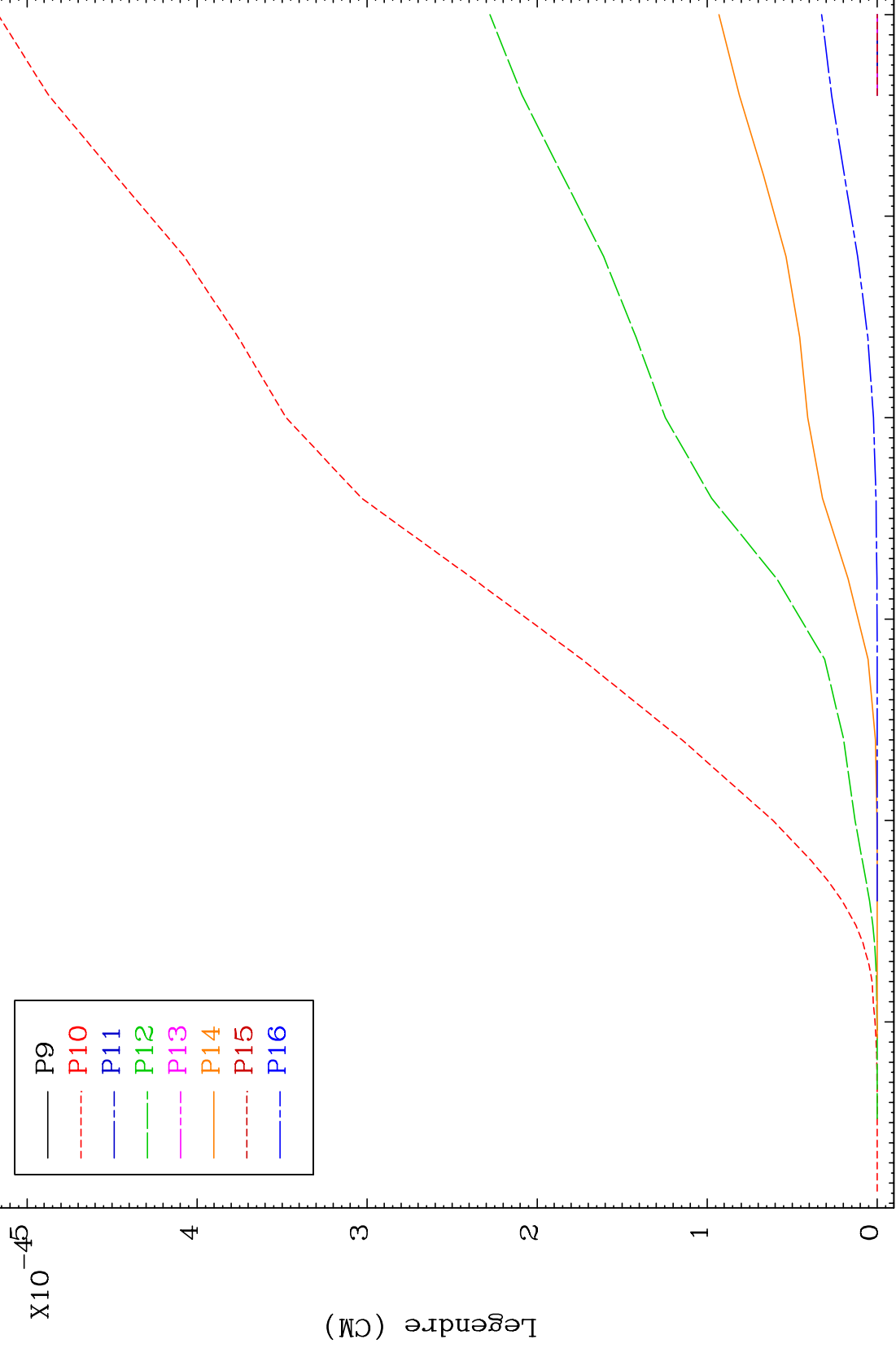
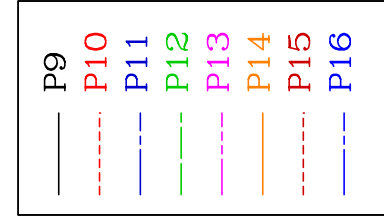




MAT 4141

Elastic  
Legendre Coefficients

41-Nb-98



17

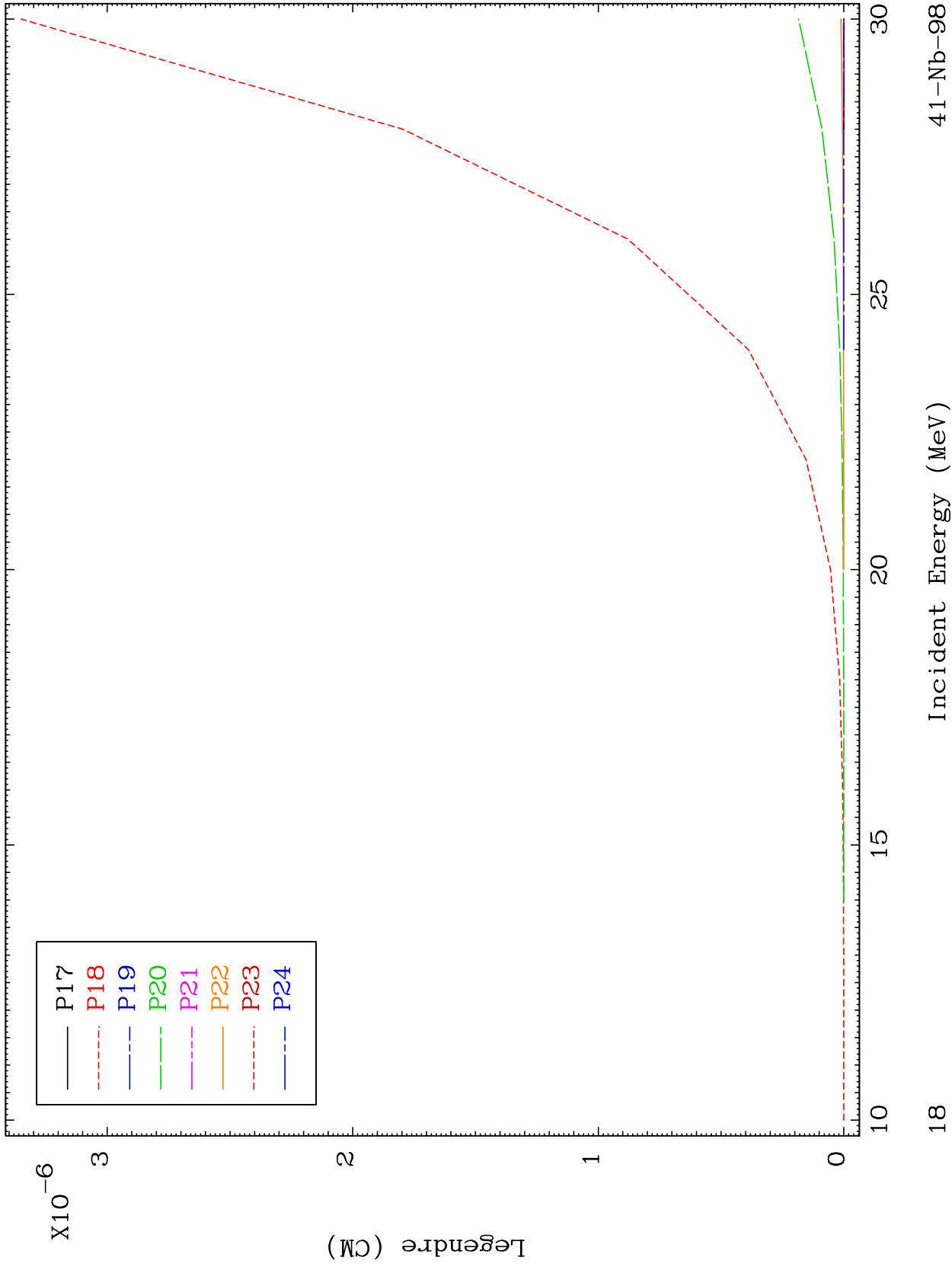
Incident Energy (MeV)

41-Nb-98

MAT 4141

### Elastic Legendre Coefficients

41-Nb-98



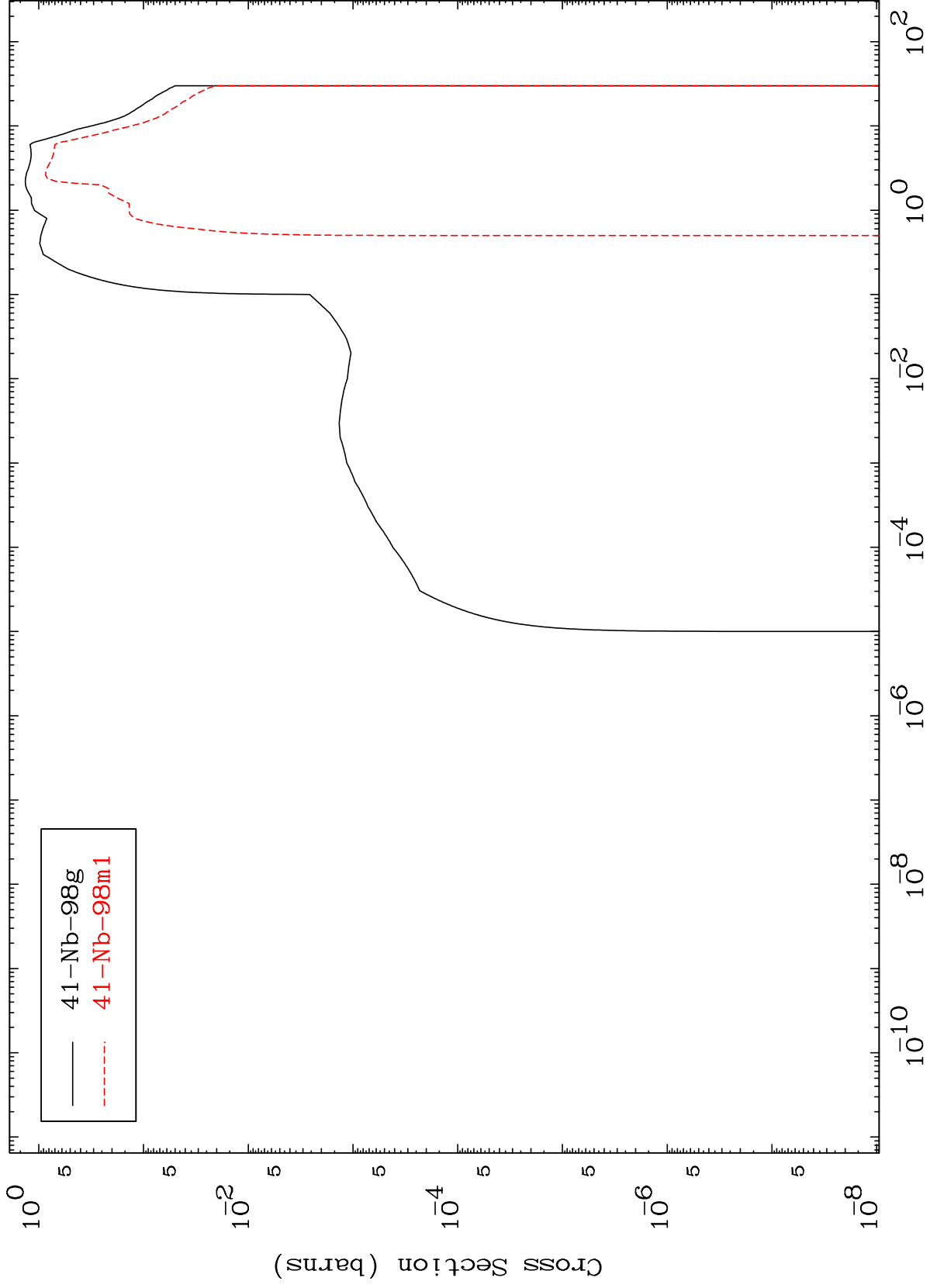
41-Nb-98

Incident Energy (MeV)

MAT 4141

41-Nb-98

Inelastic  
Radionuclide Production Cross Section



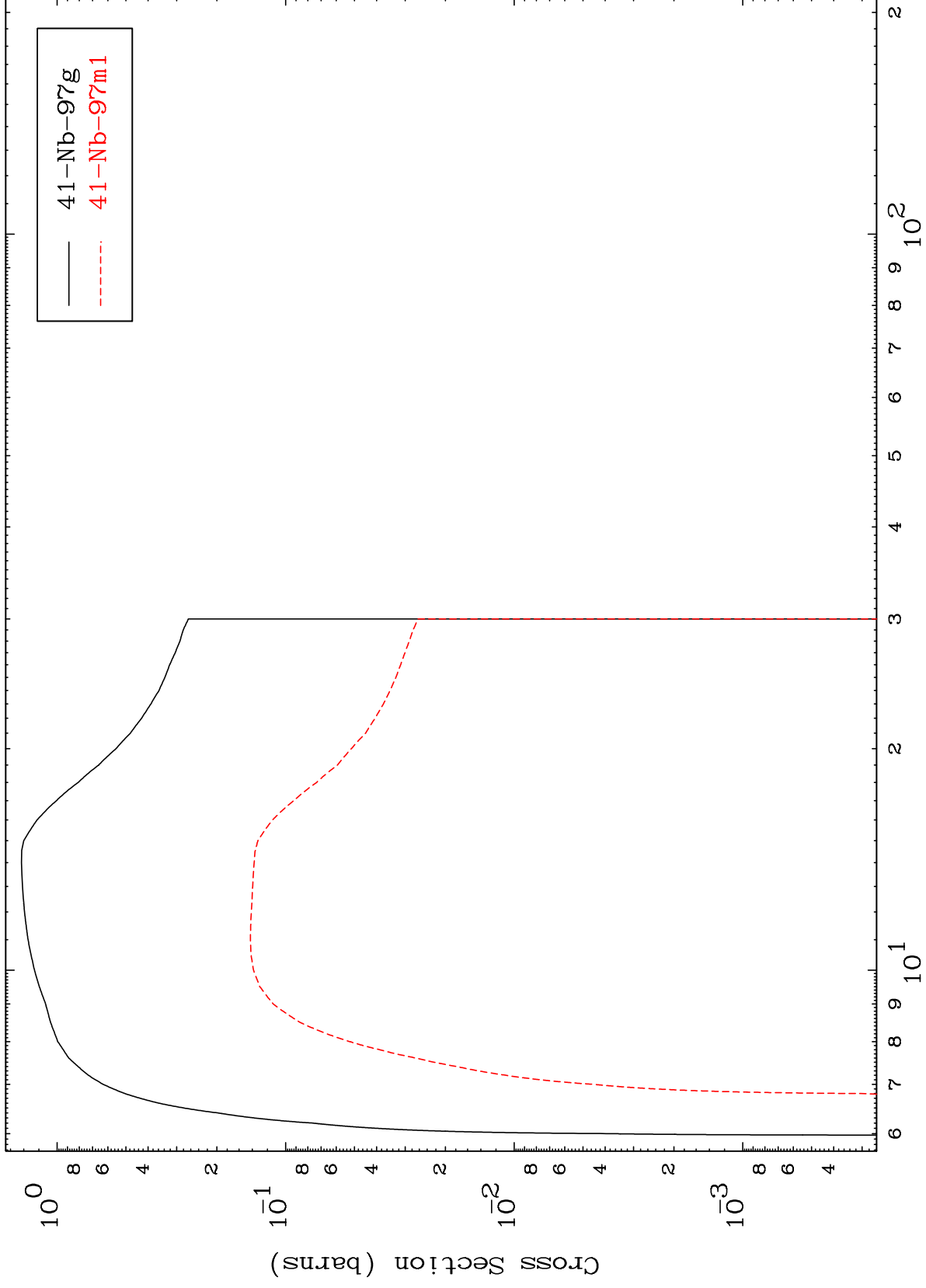
19

41-Nb-98

MAT 4141

41-Nb-98

(n,2n)  
Radionuclide Production Cross Section



20

Incident Energy (MeV)

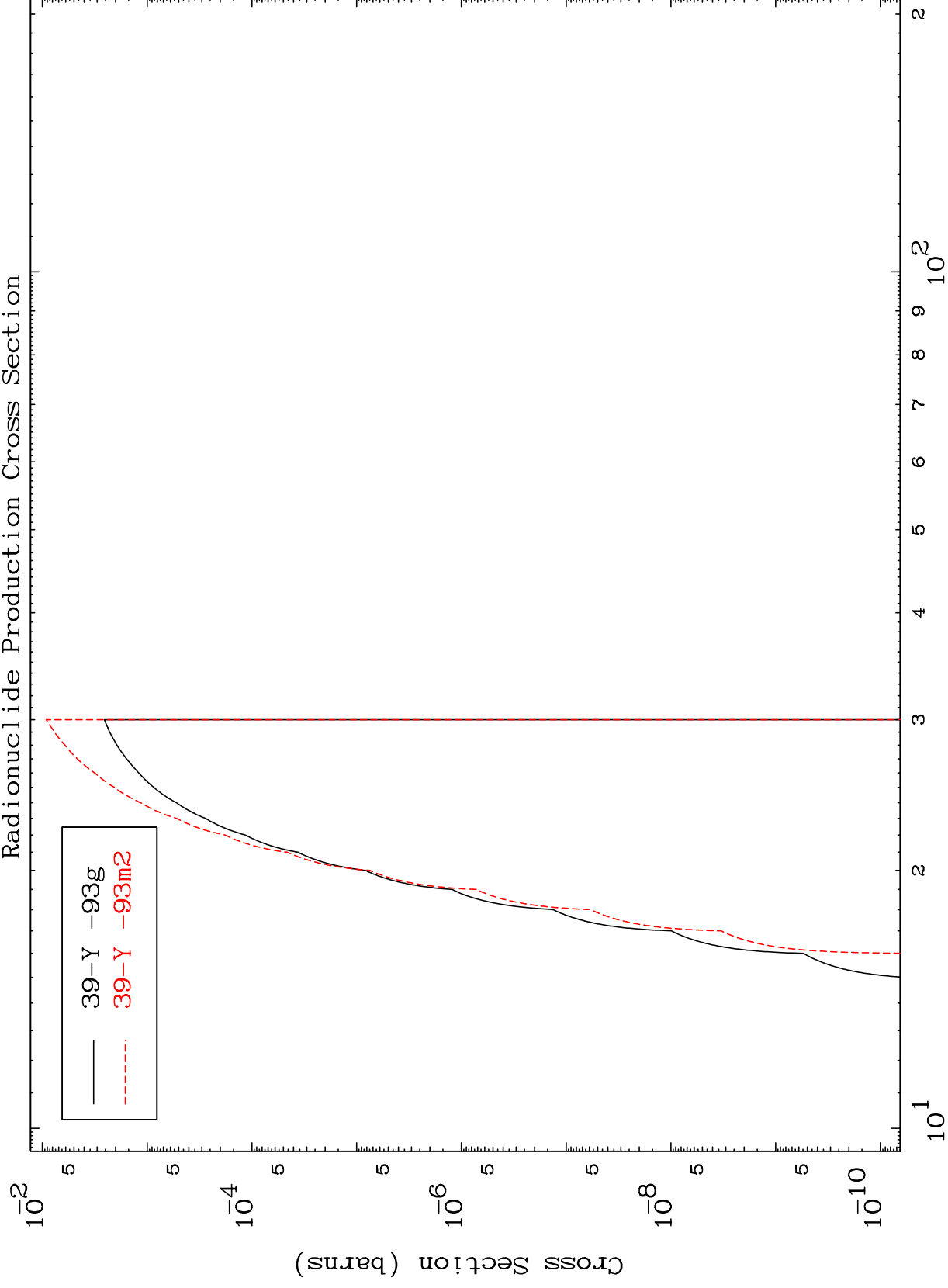
41-Nb-98

MAT 4141

(n,2n)  $\alpha$

41-Nb-98

Radionuclide Production Cross Section



21

Incident Energy (MeV)

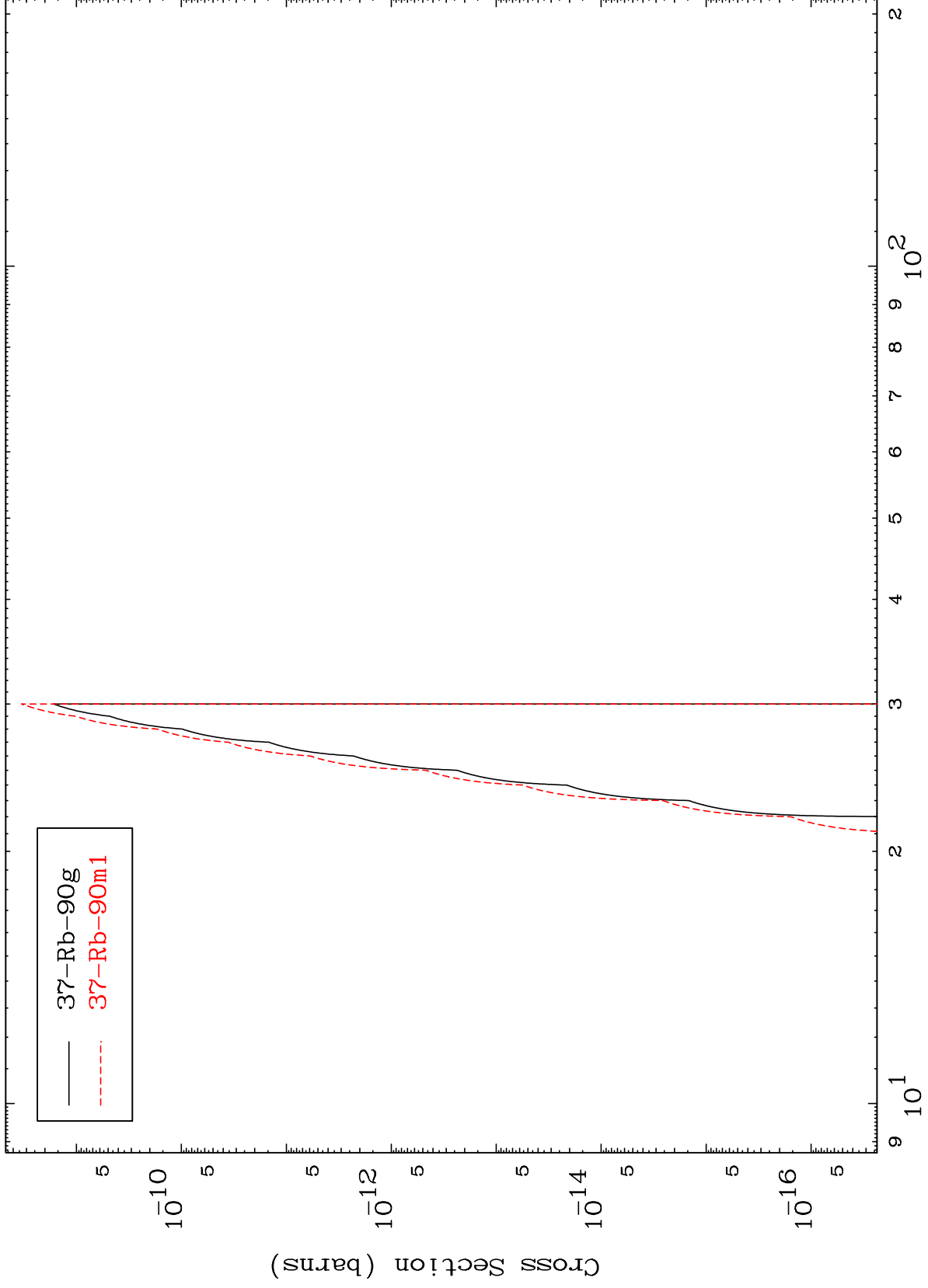
41-Nb-98

MAT 4141

(n,n') 2α

41-Nb-98

Radionuclide Production Cross Section

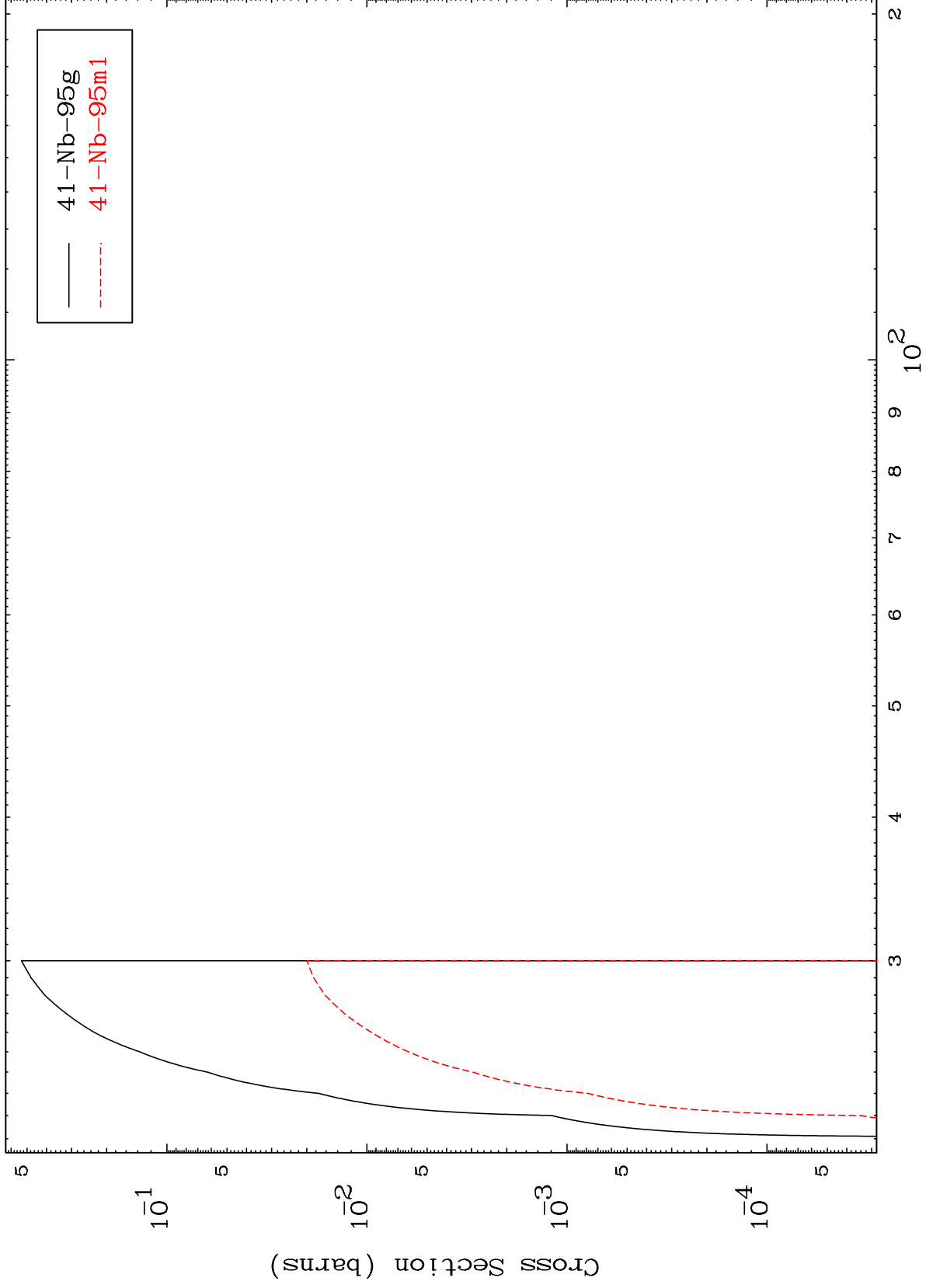


22

Incident Energy (MeV)

41-Nb-98

(n,4n)  
Radionuclide Production Cross Section



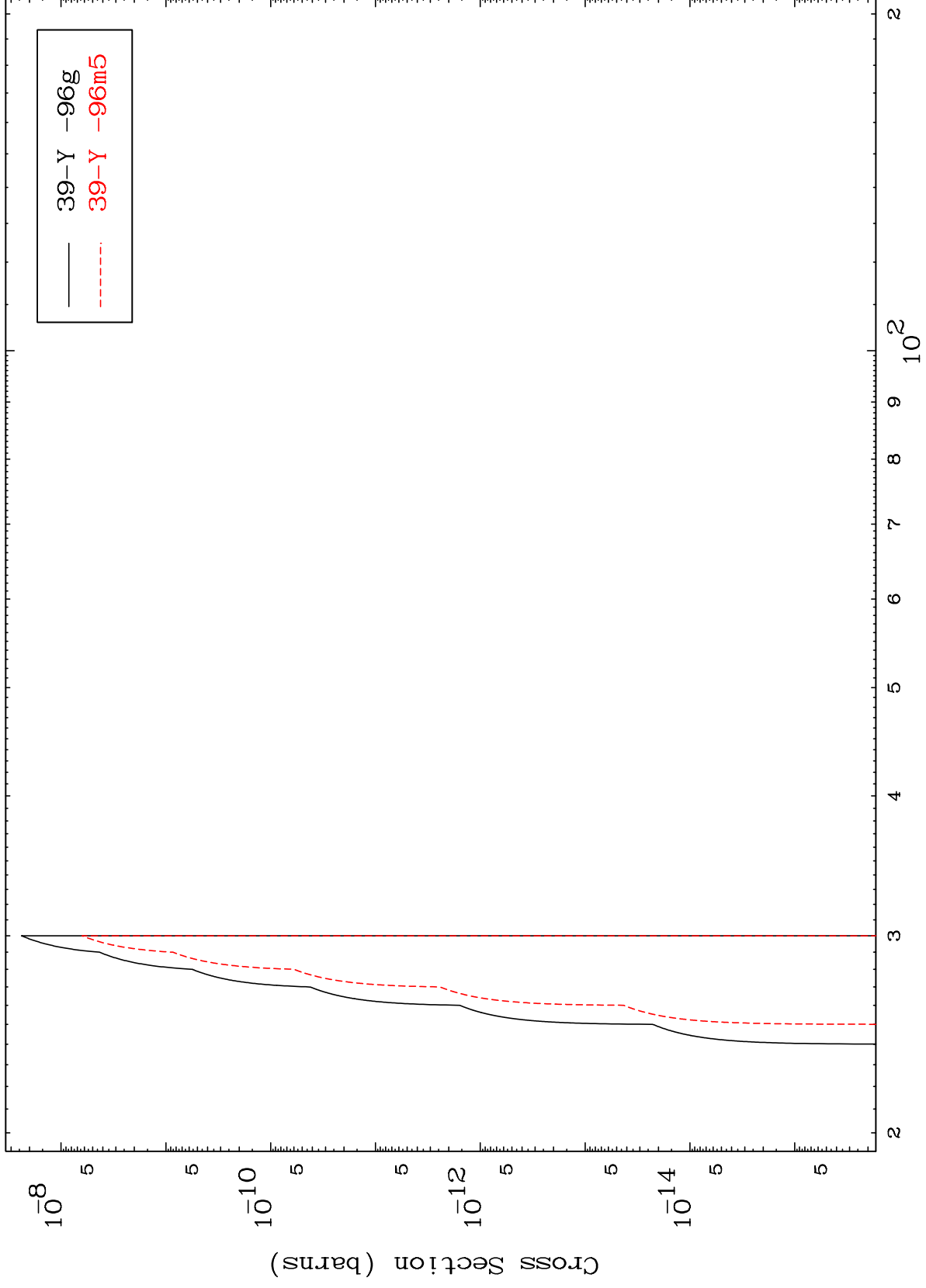


MAT 4141

(n,2n) p

41-Nb-98

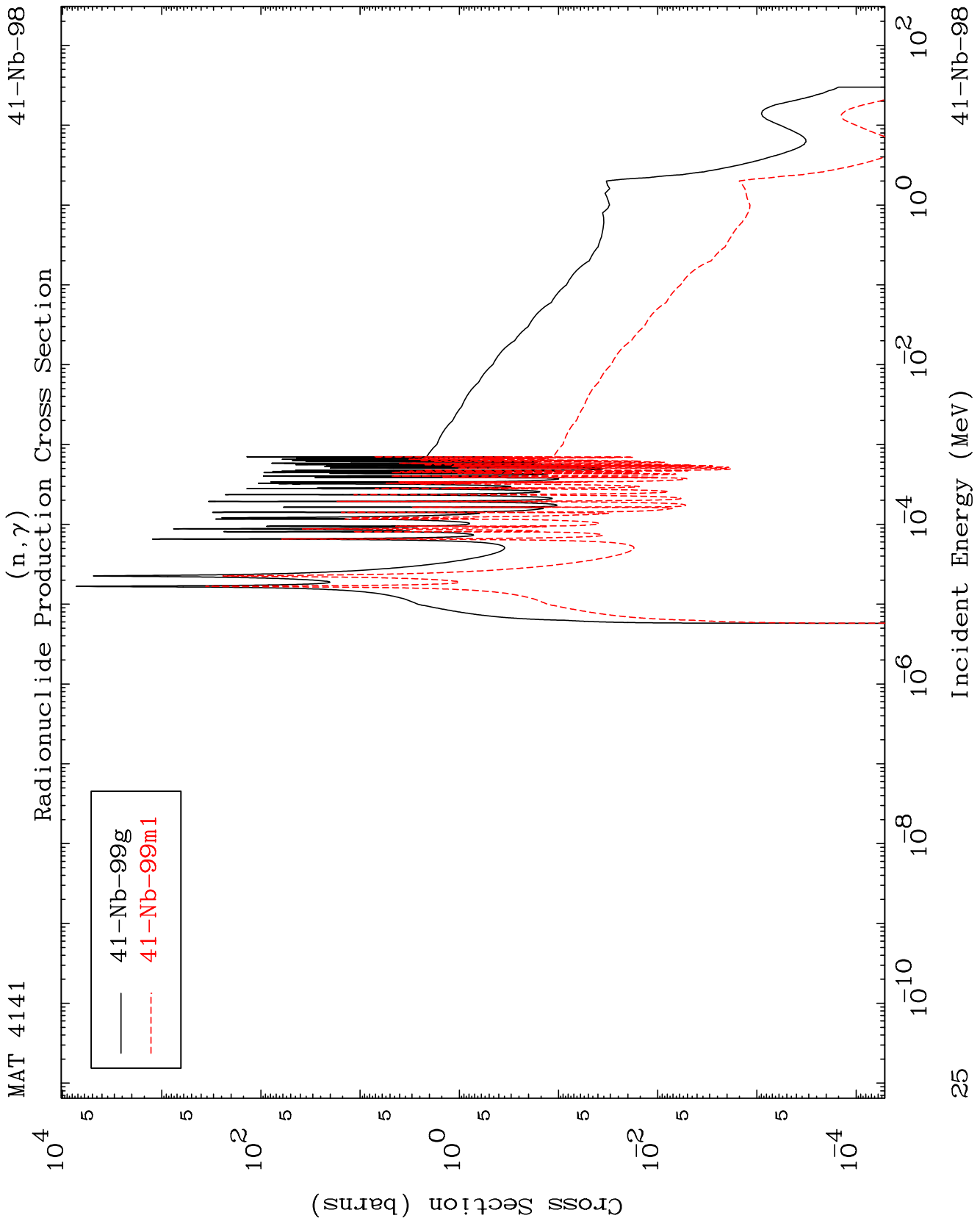
Radionuclide Production Cross Section



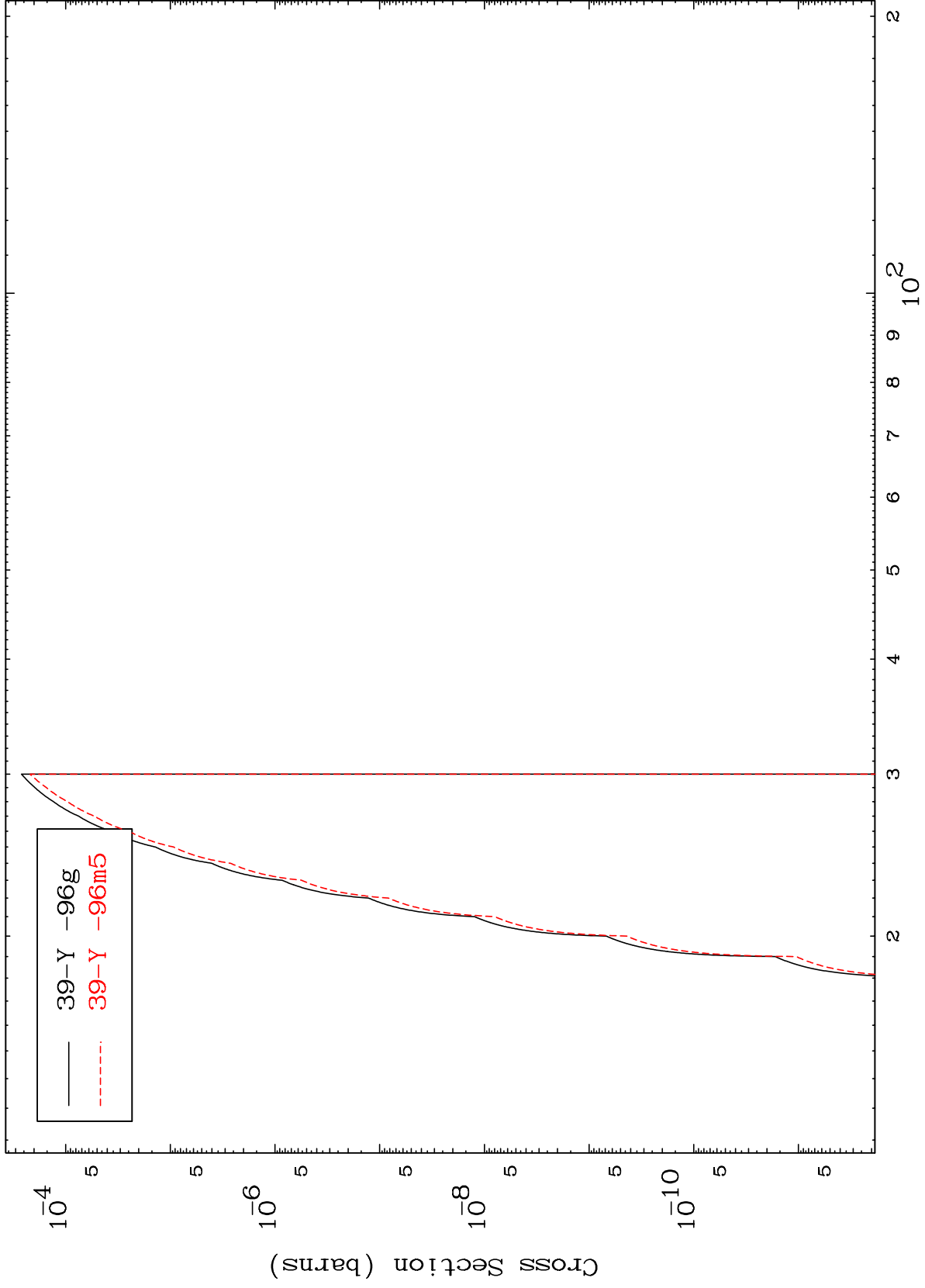
24

Incident Energy (MeV)

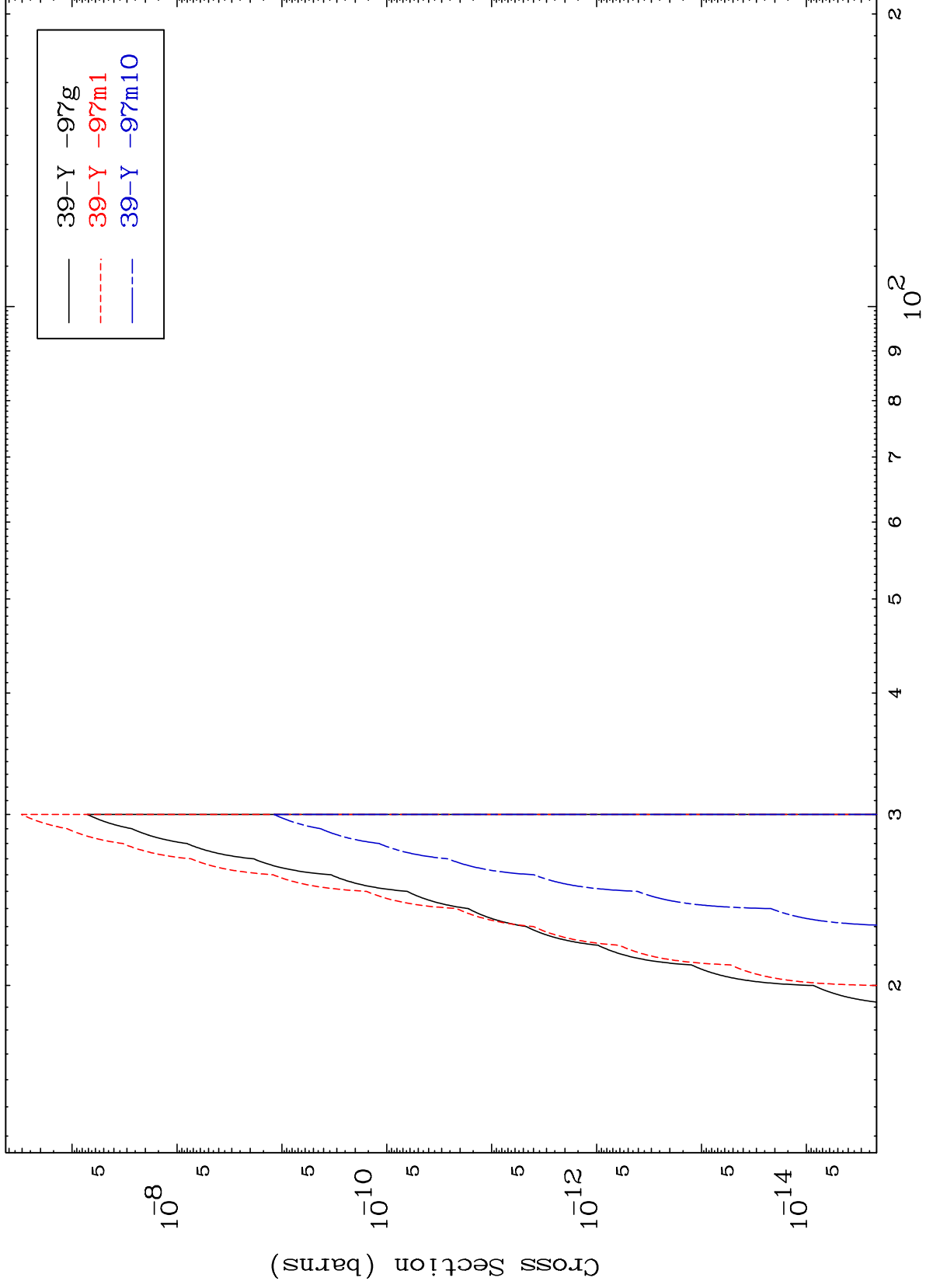
41-Nb-98



Radionuclide Production Cross Section



(n,2p)  
Radionuclide Production Cross Section



Radionuclide Production Cross Section

