

Program EVALPLOT  
(Version 2021-1)

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

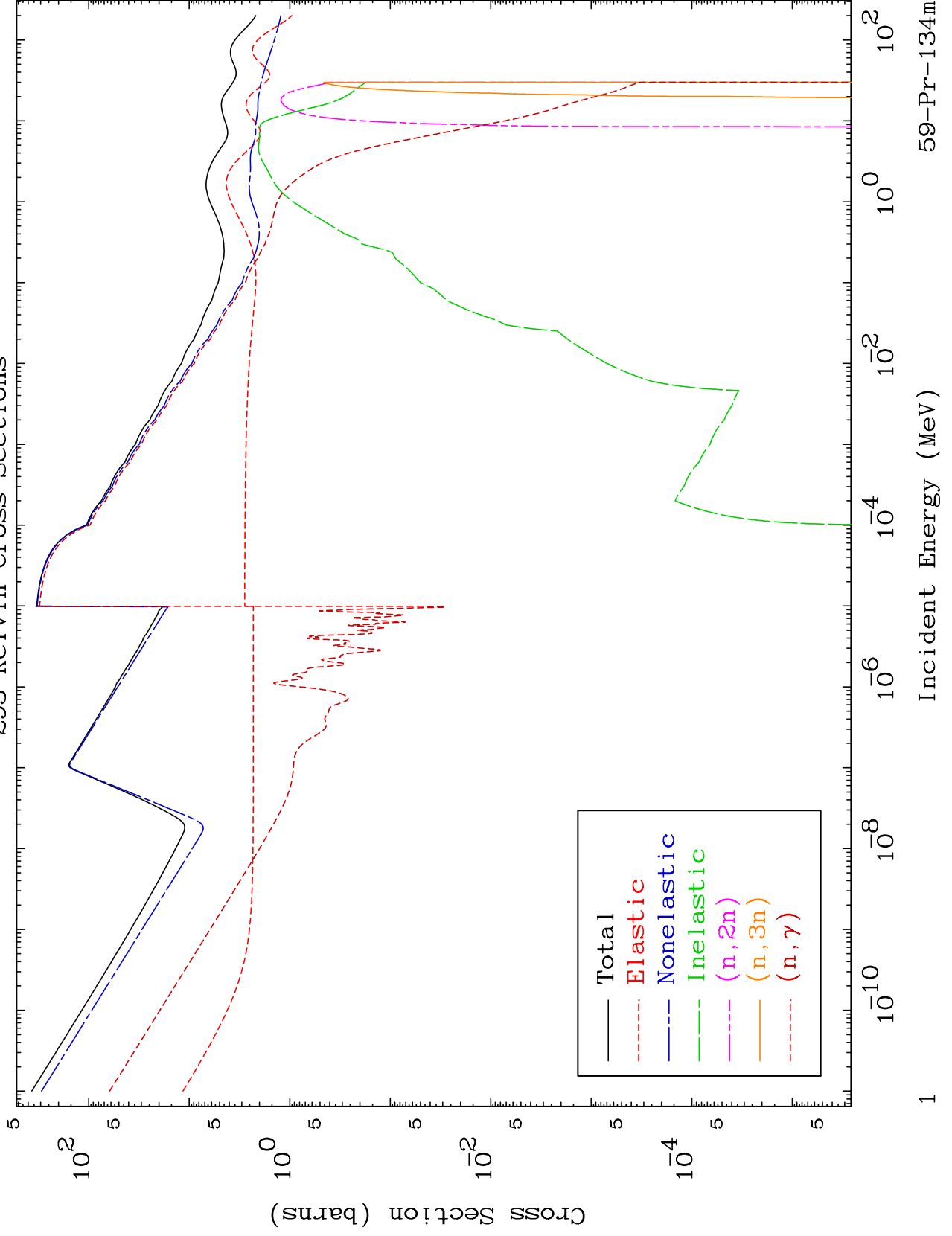
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5905

Neutron Major  
293 Kelvin Cross Sections

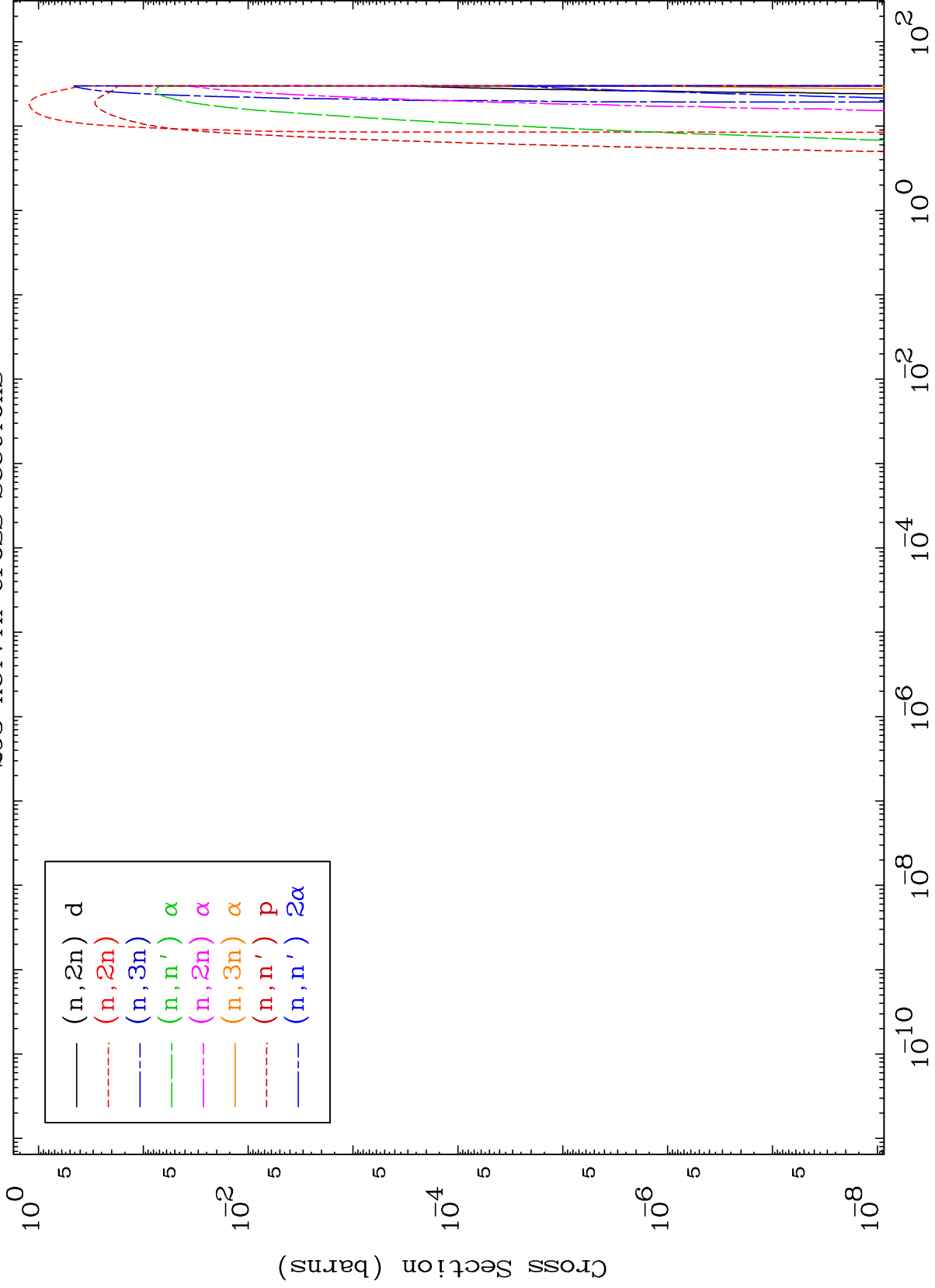
59-Pr-134m



MAT 5905

Neutron Absorption  
293 Kelvin Cross Sections

59-Pr-134m



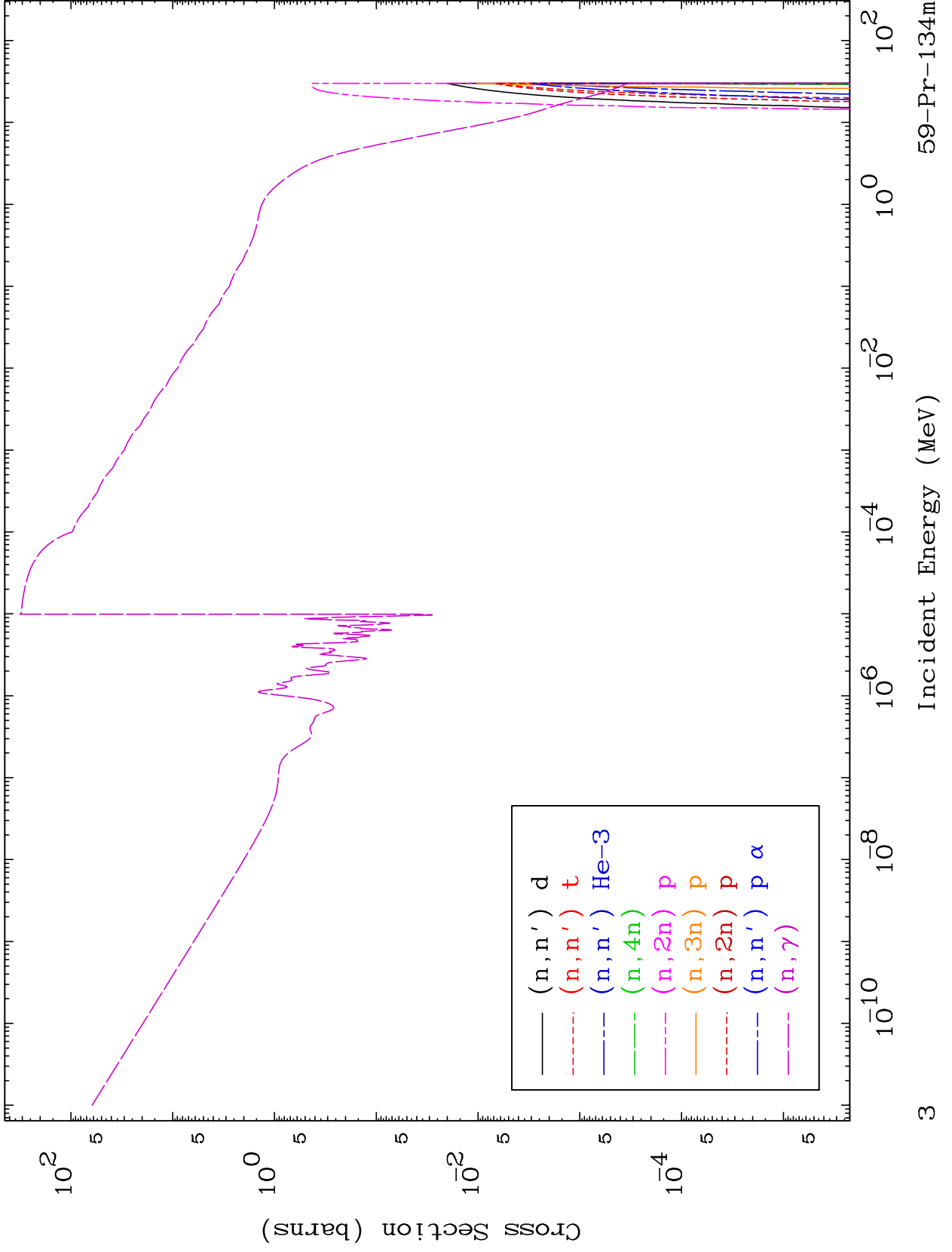
59-Pr-134m

Incident Energy (MeV)

MAT 5905

Neutron Absorption  
293 Kelvin Cross Sections

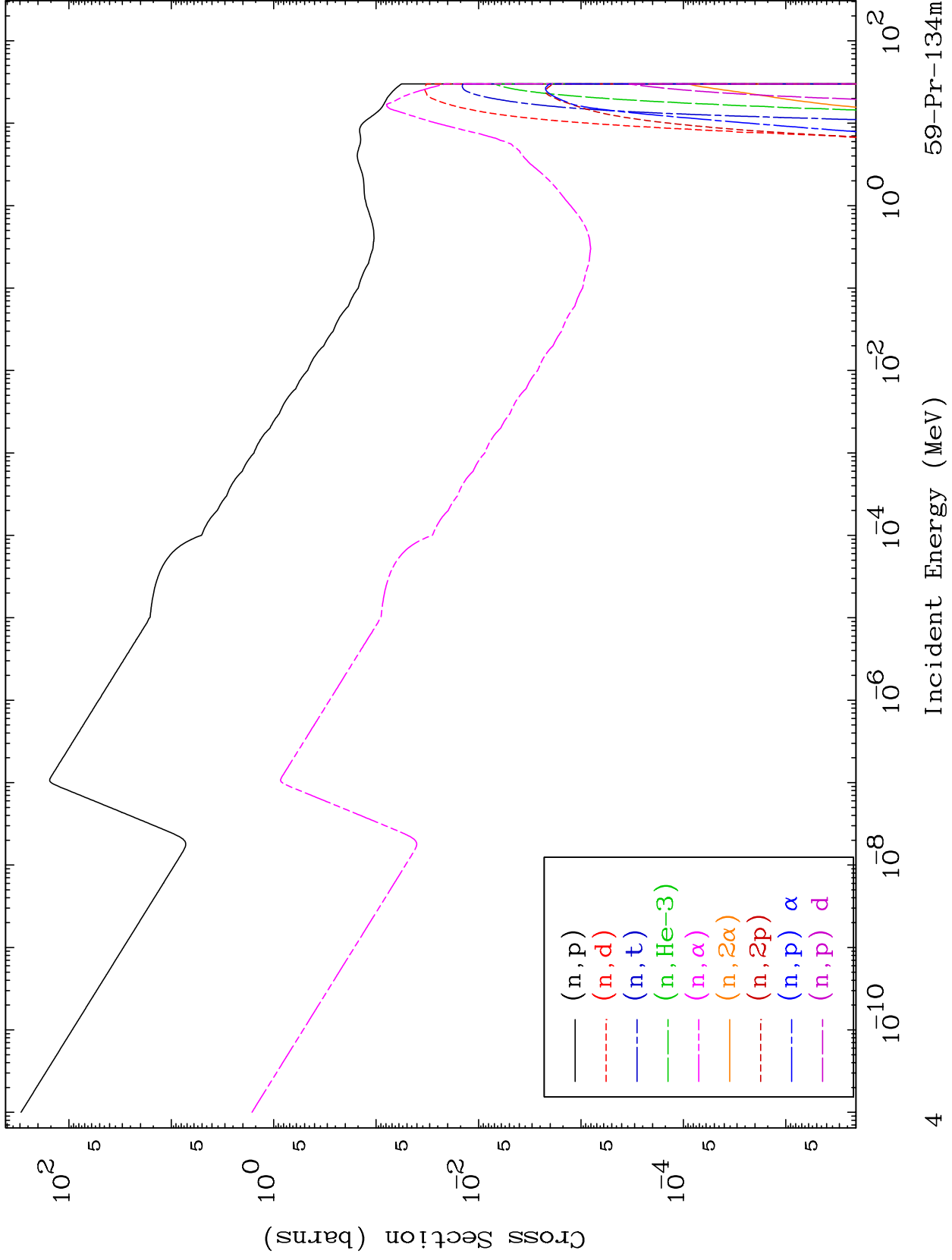
59-Pr-134m

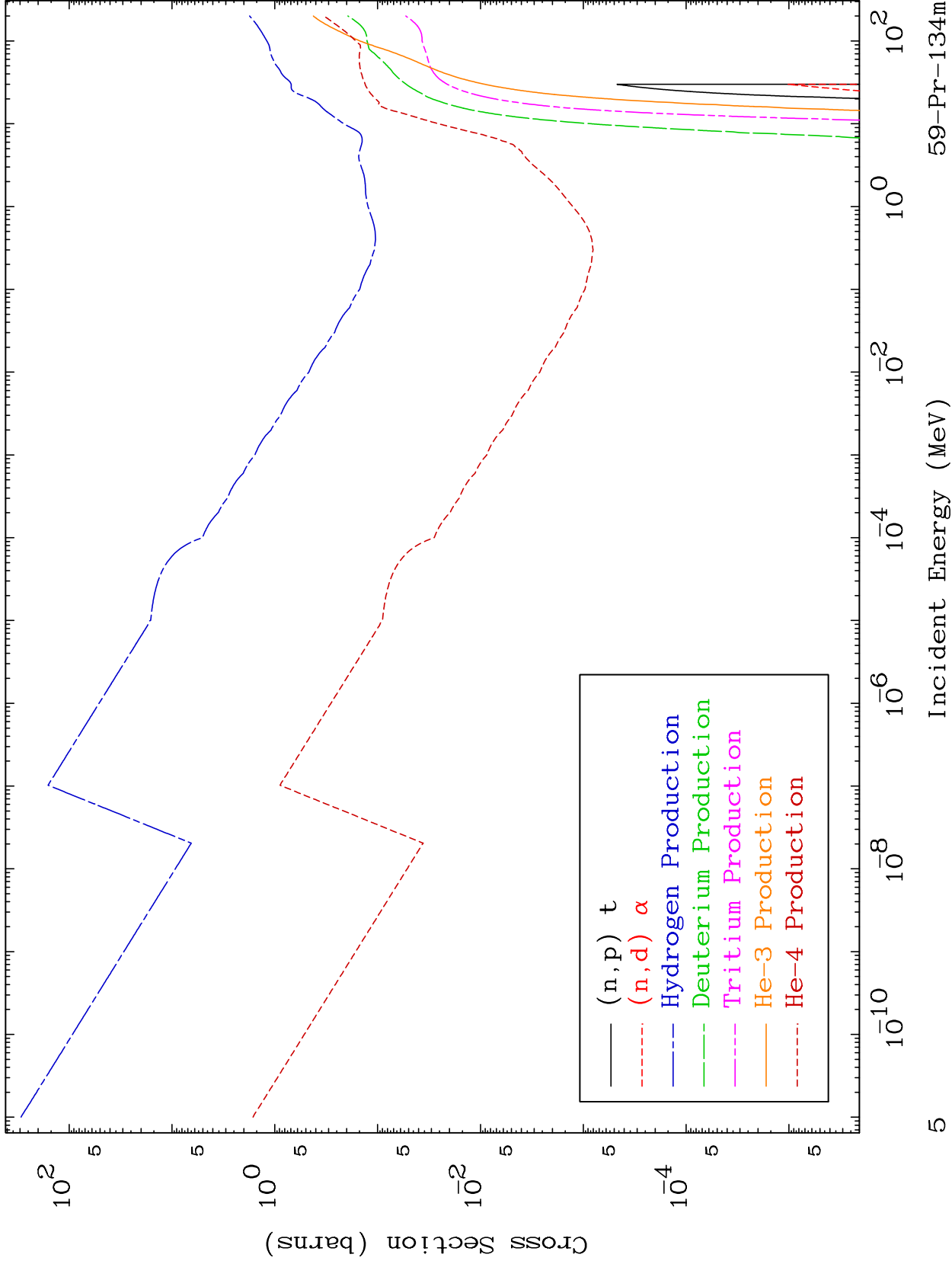


MAT 5905

Neutron Absorption  
293 Kelvin Cross Sections

59-Pr-134m

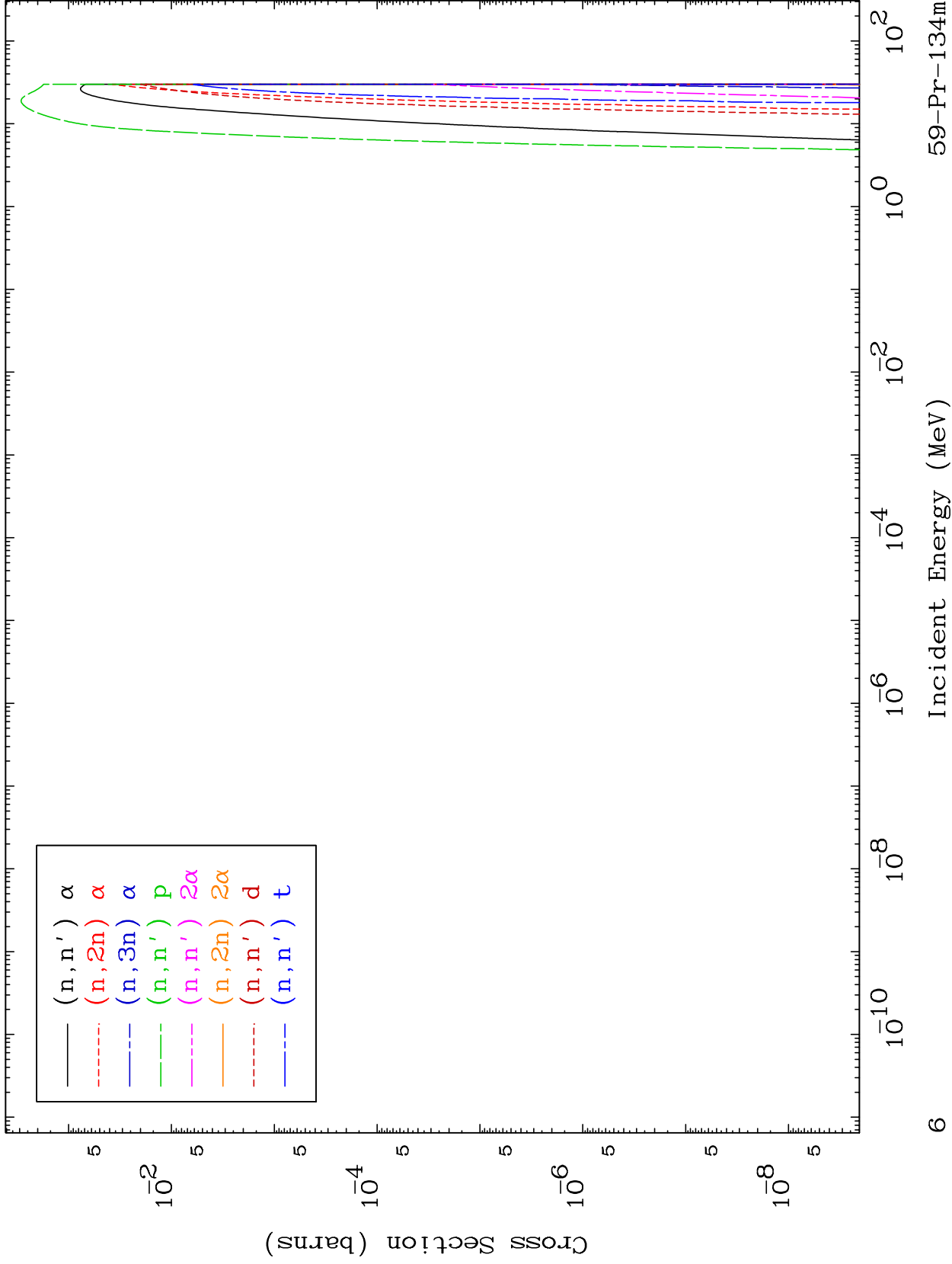




MAT 5905

Charged Particle  
293 Kelvin Cross Sections

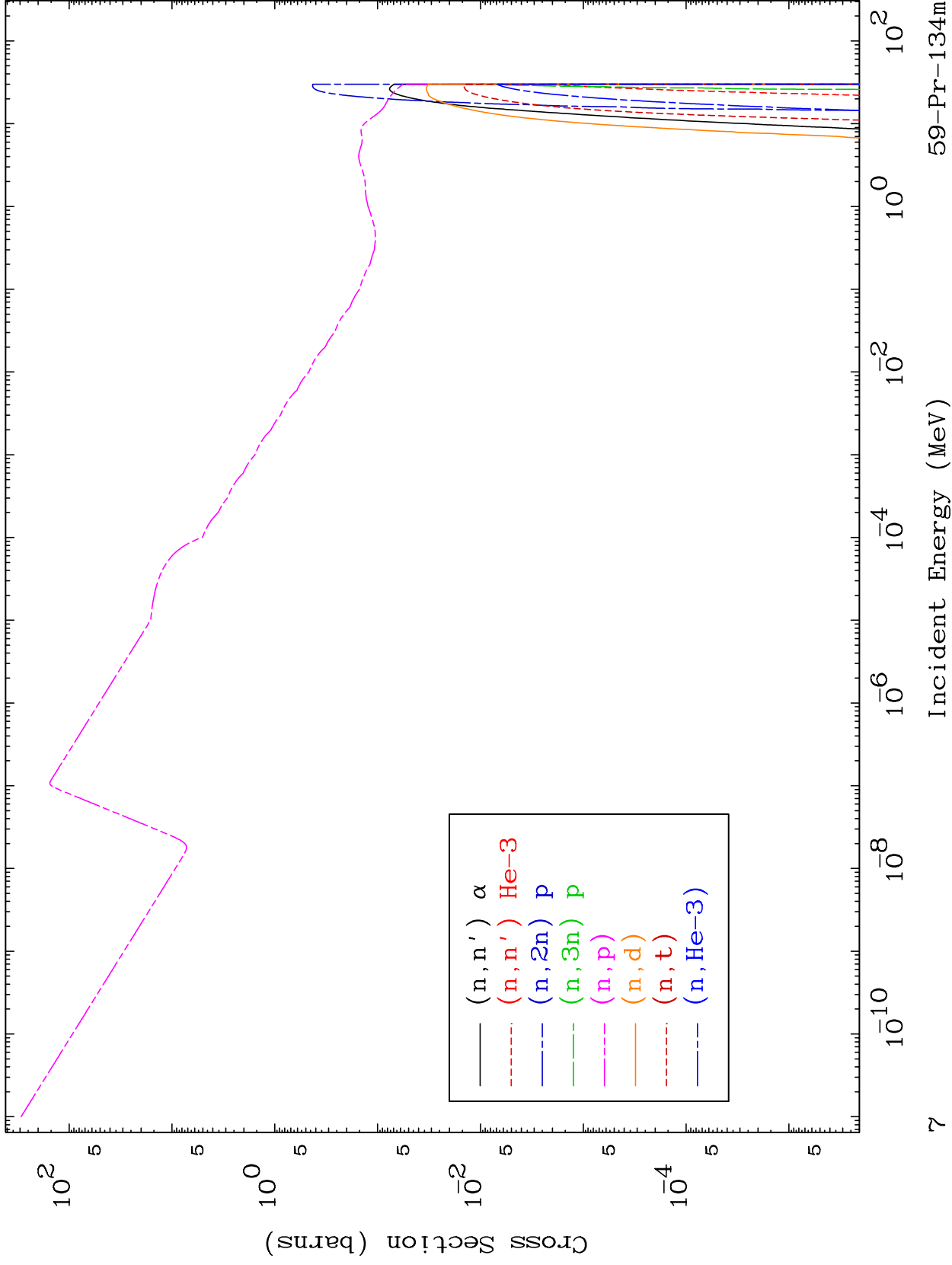
59-Pr-134m



MAT 5905

Charged Particle  
293 Kelvin Cross Sections

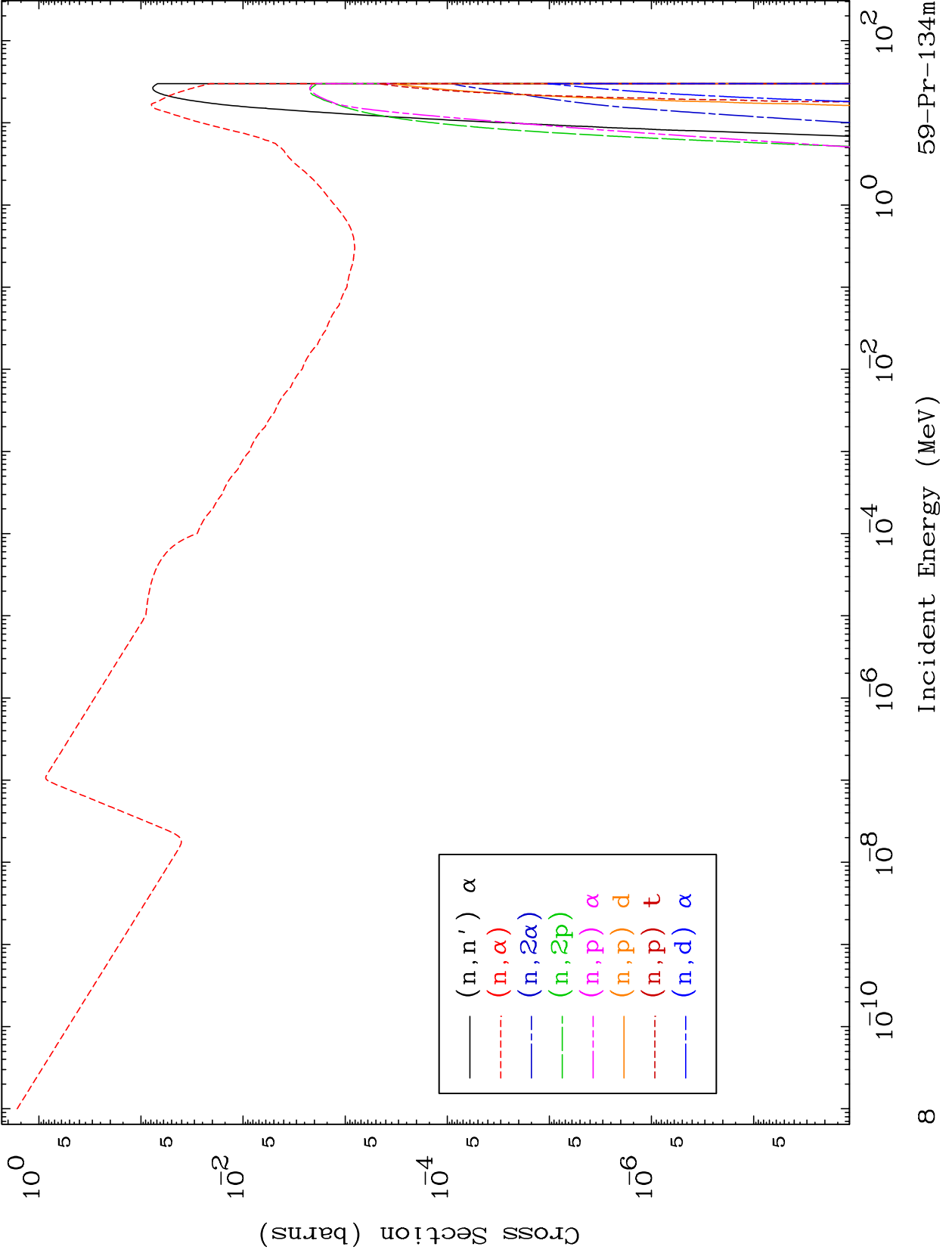
59-Pr-134m

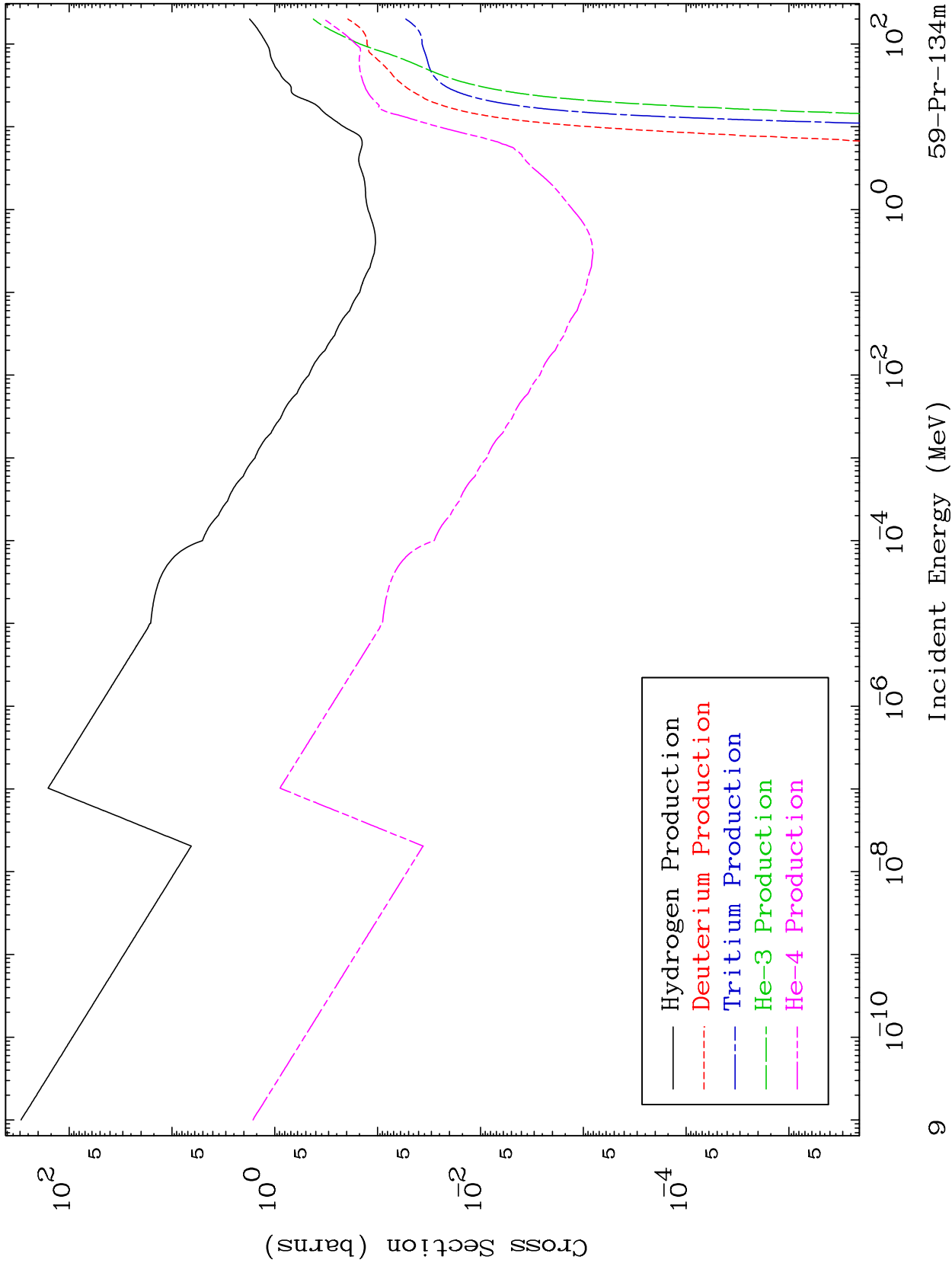


MAT 5905

Charged Particle  
293 Kelvin Cross Sections

59-Pr-134m

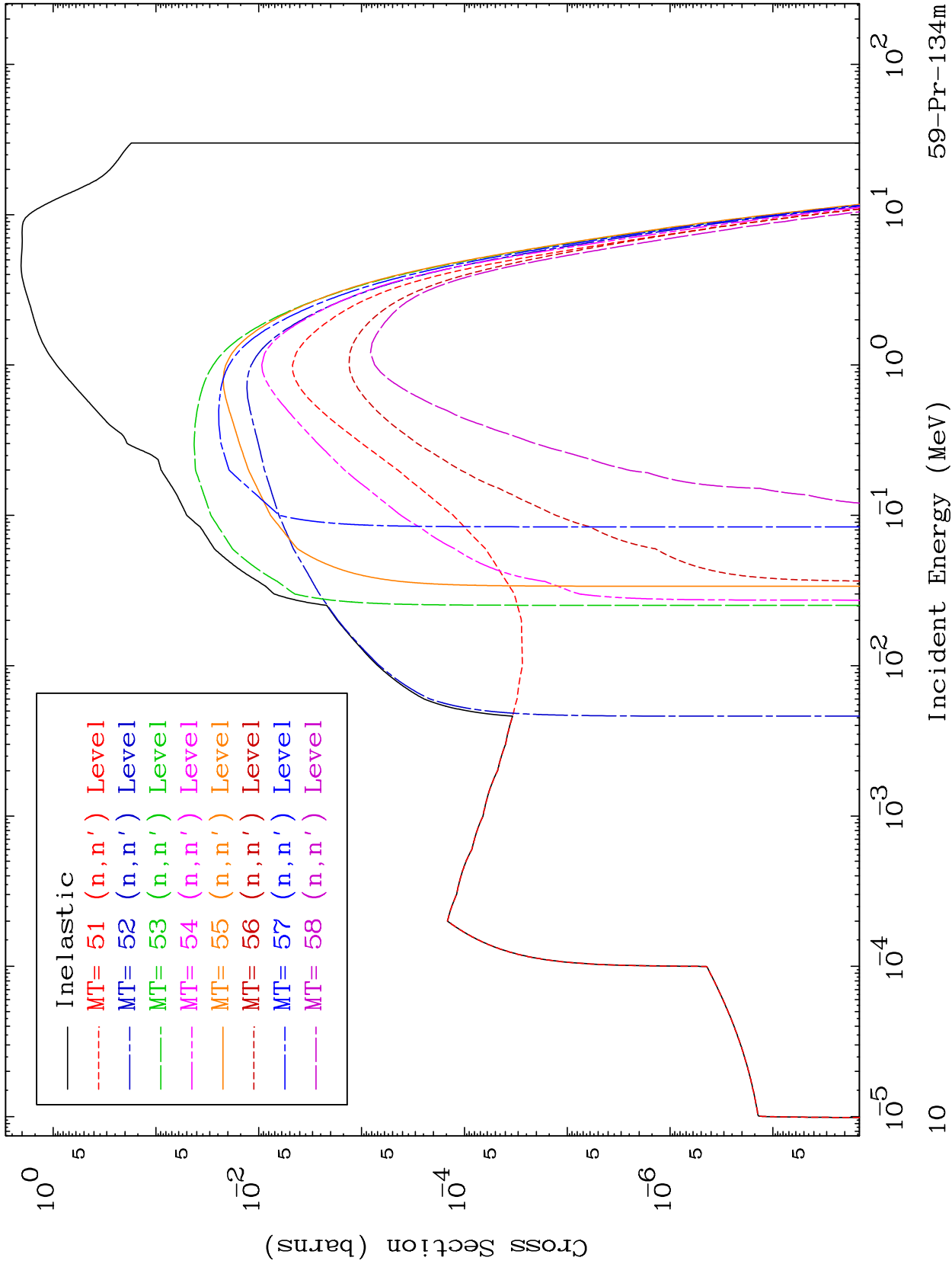




MAT 5905

(n,n') Levels  
293 Kelvin Cross Sections

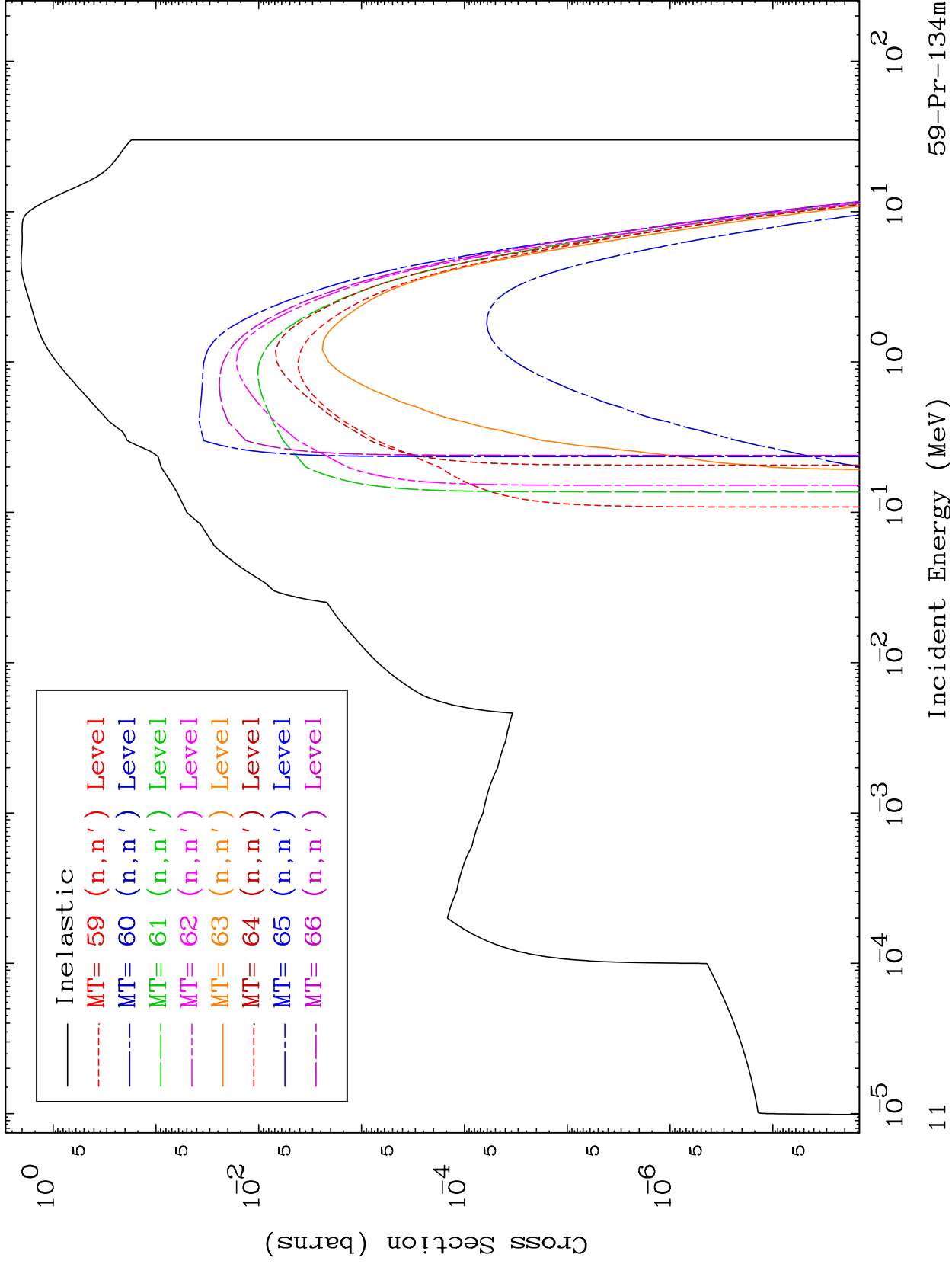
59-Pr-134m



MAT 5905

(n,n') Levels  
293 Kelvin Cross Sections

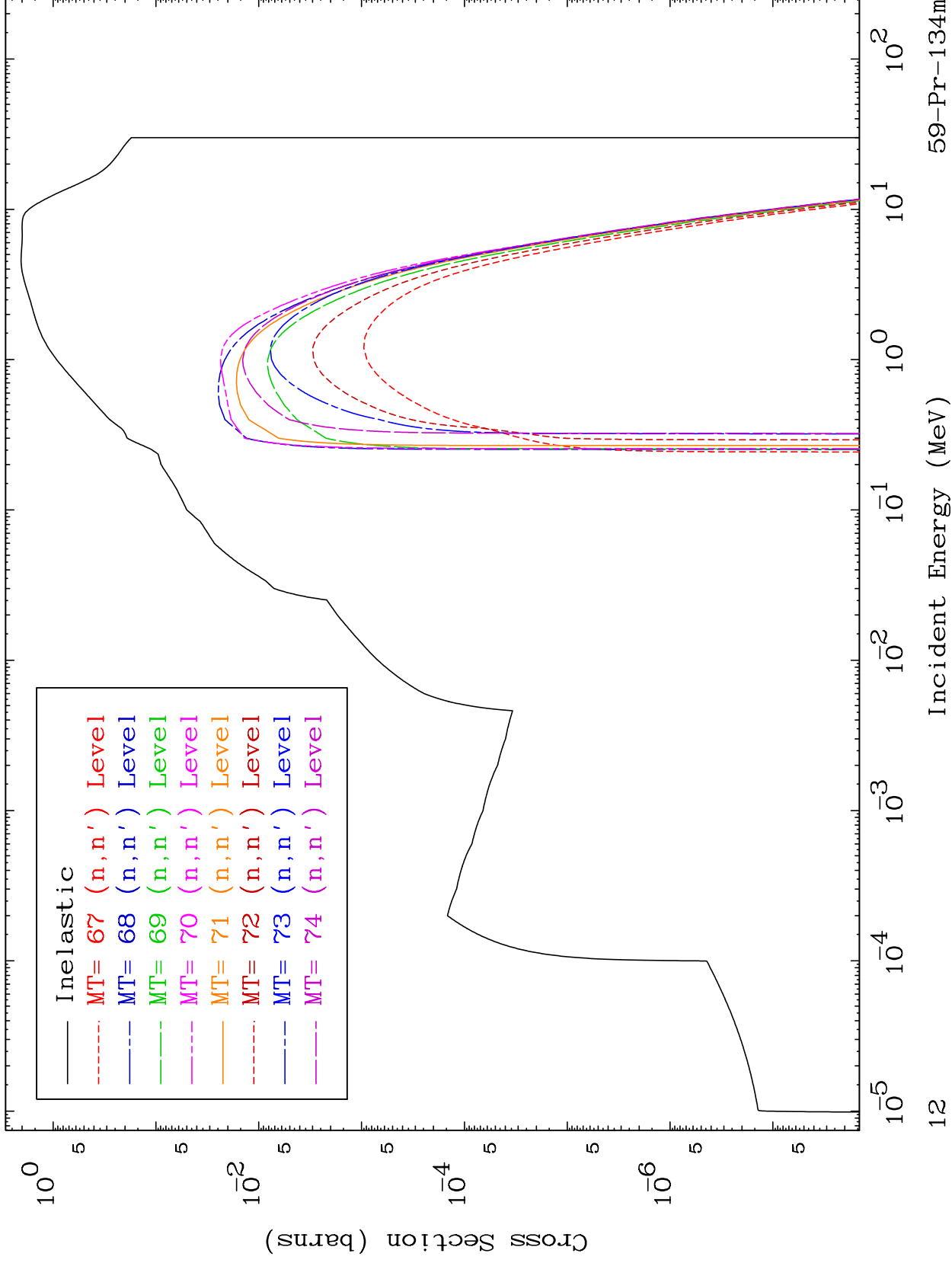
59-Pr-134m



MAT 5905

(n,n') Levels  
293 Kelvin Cross Sections

59-Pr-134m

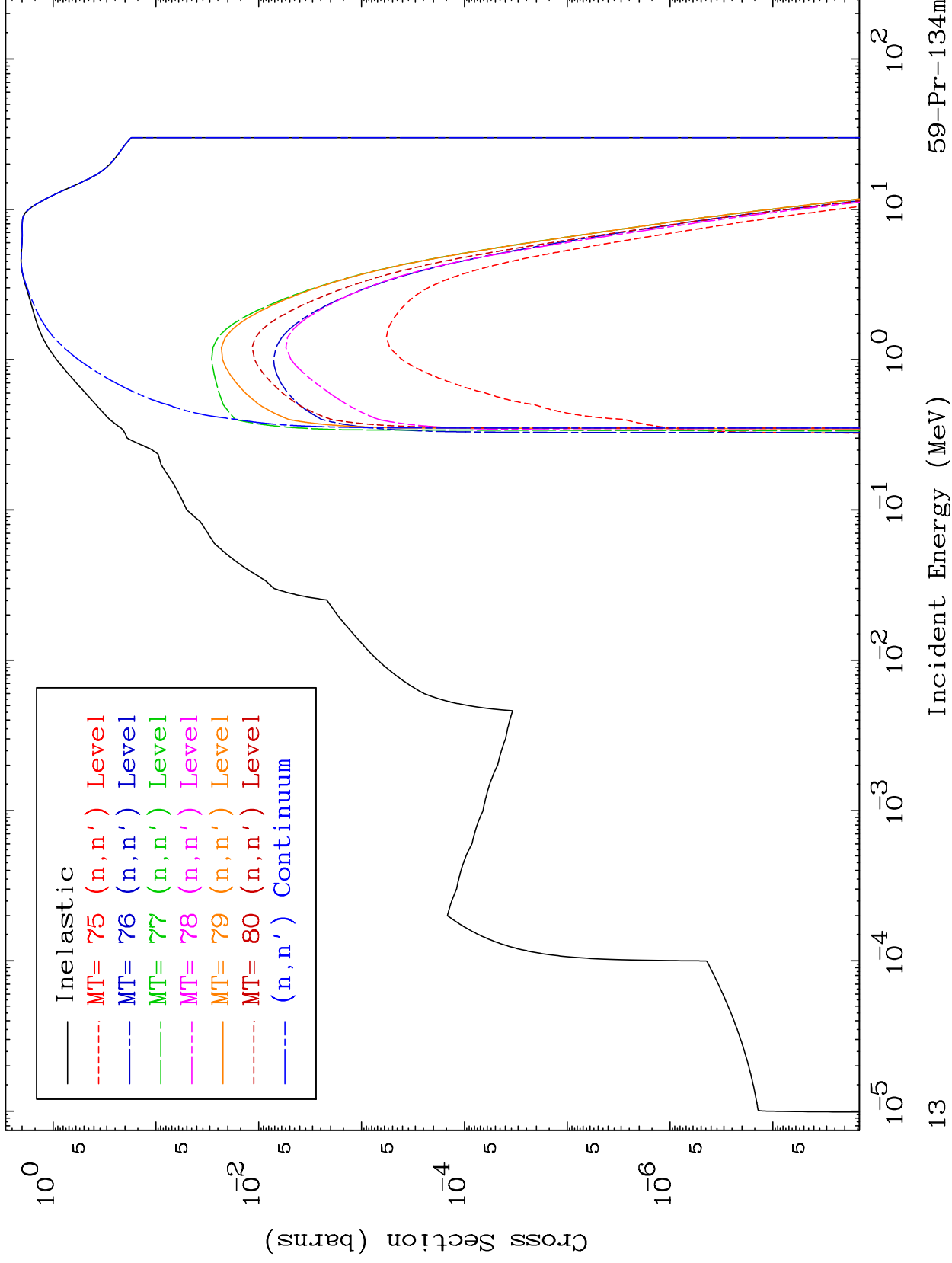


12

MAT 5905

(n,n') Levels  
293 Kelvin Cross Sections

59-Pr-134m



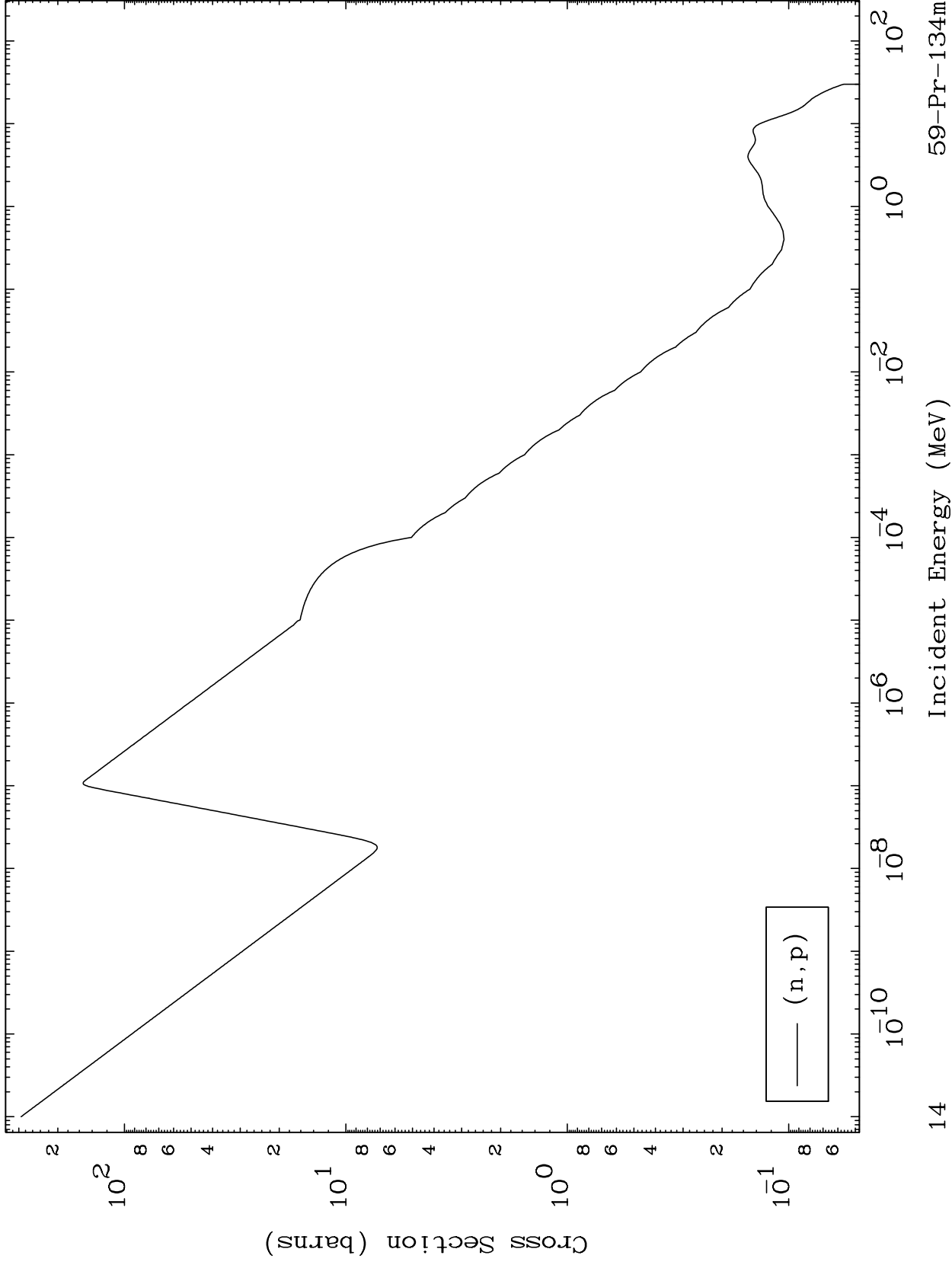
13

59-Pr-134m

MAT 5905

(n,p) Levels  
293 Kelvin Cross Sections

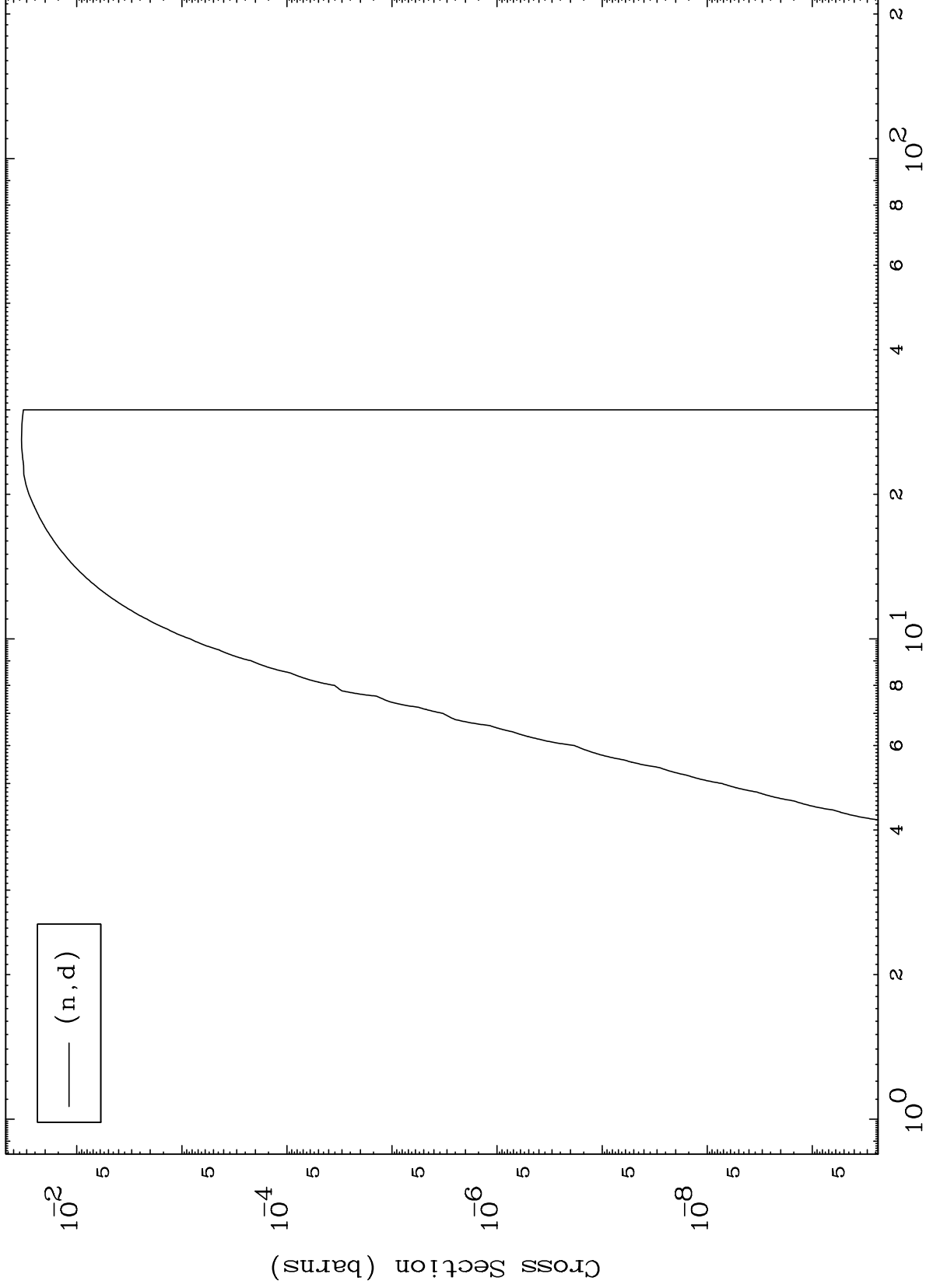
59-Pr-134m



MAT 5905

(n,d) Levels  
293 Kelvin Cross Sections

59-Pr-134m



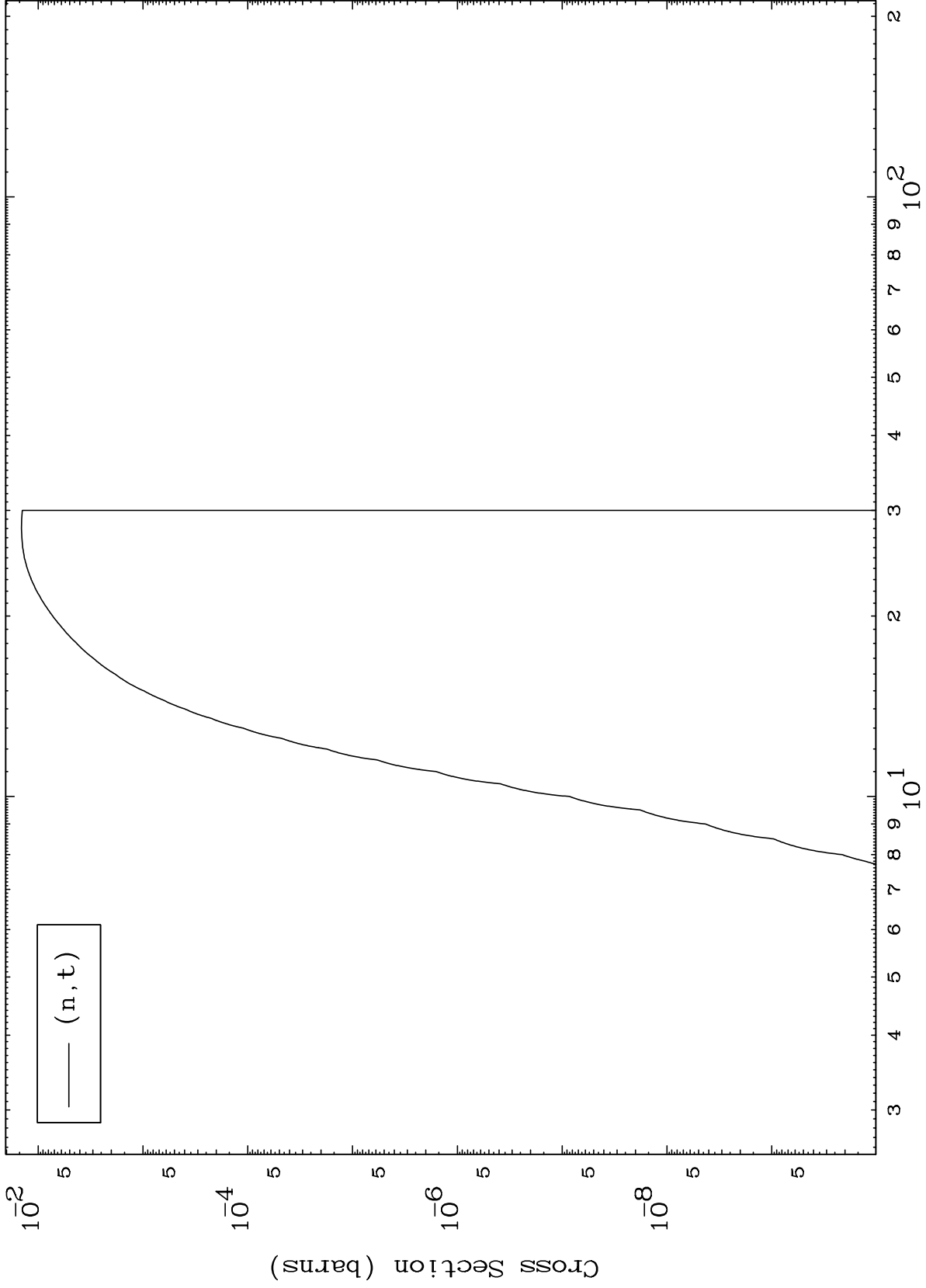
Incident Energy (MeV)

59-Pr-134m

MAT 5905

(n,t) Levels  
293 Kelvin Cross Sections

59-Pr-134m



16

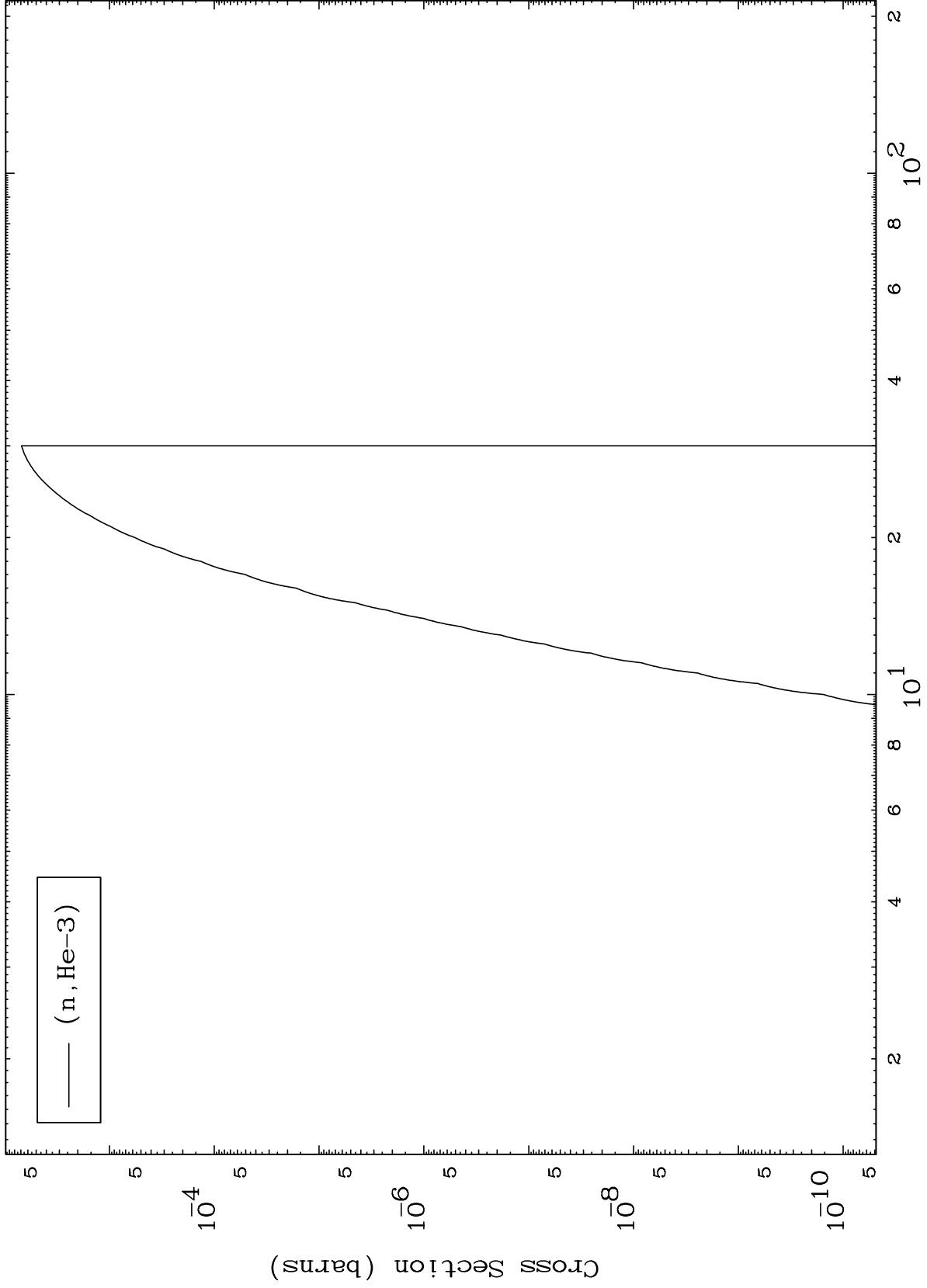
Incident Energy (MeV)

59-Pr-134m

MAT 5905

(n,He3) Levels  
293 Kelvin Cross Sections

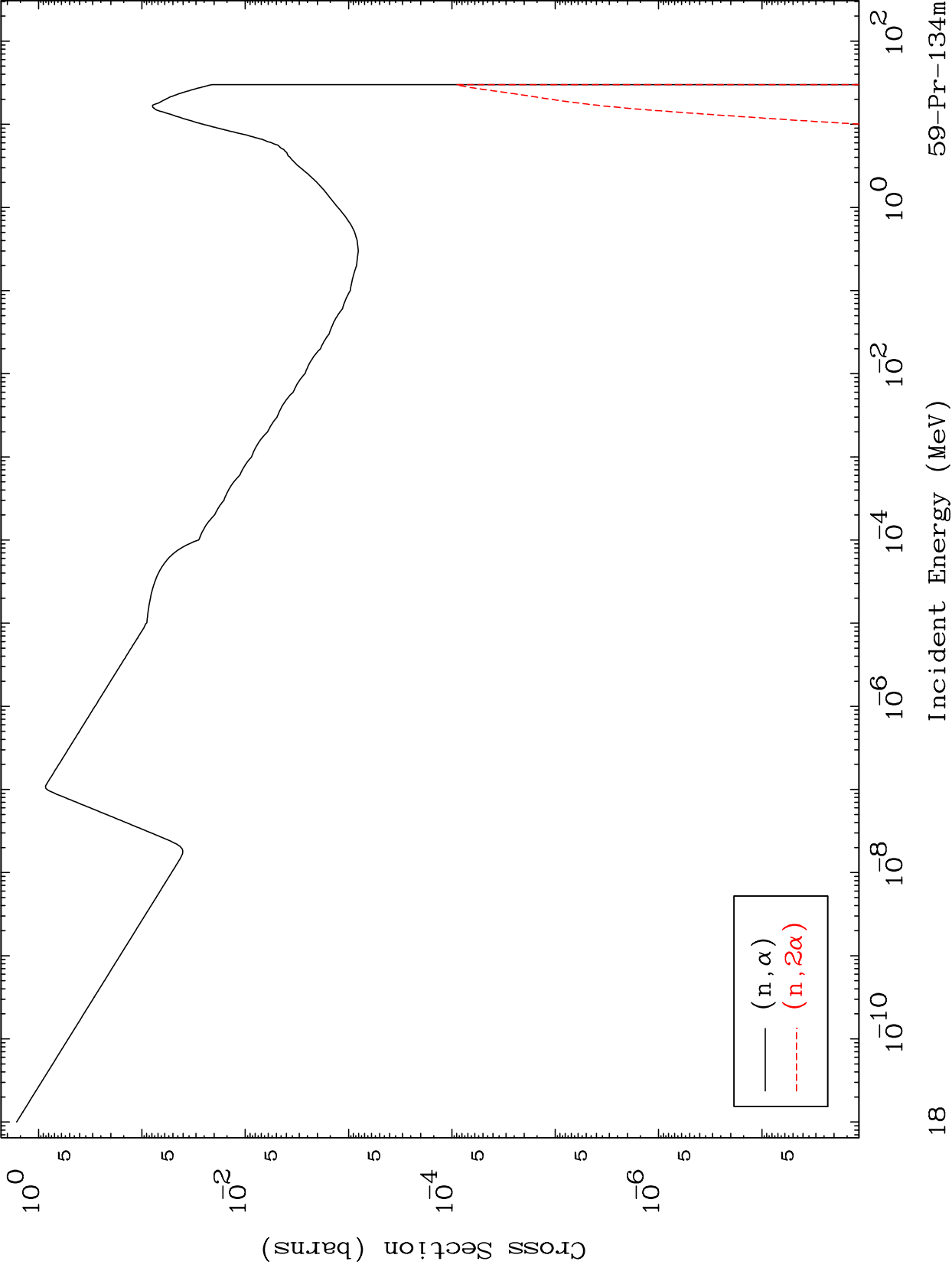
59-Pr-134m



MAT 5905

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

59-Pr-134m



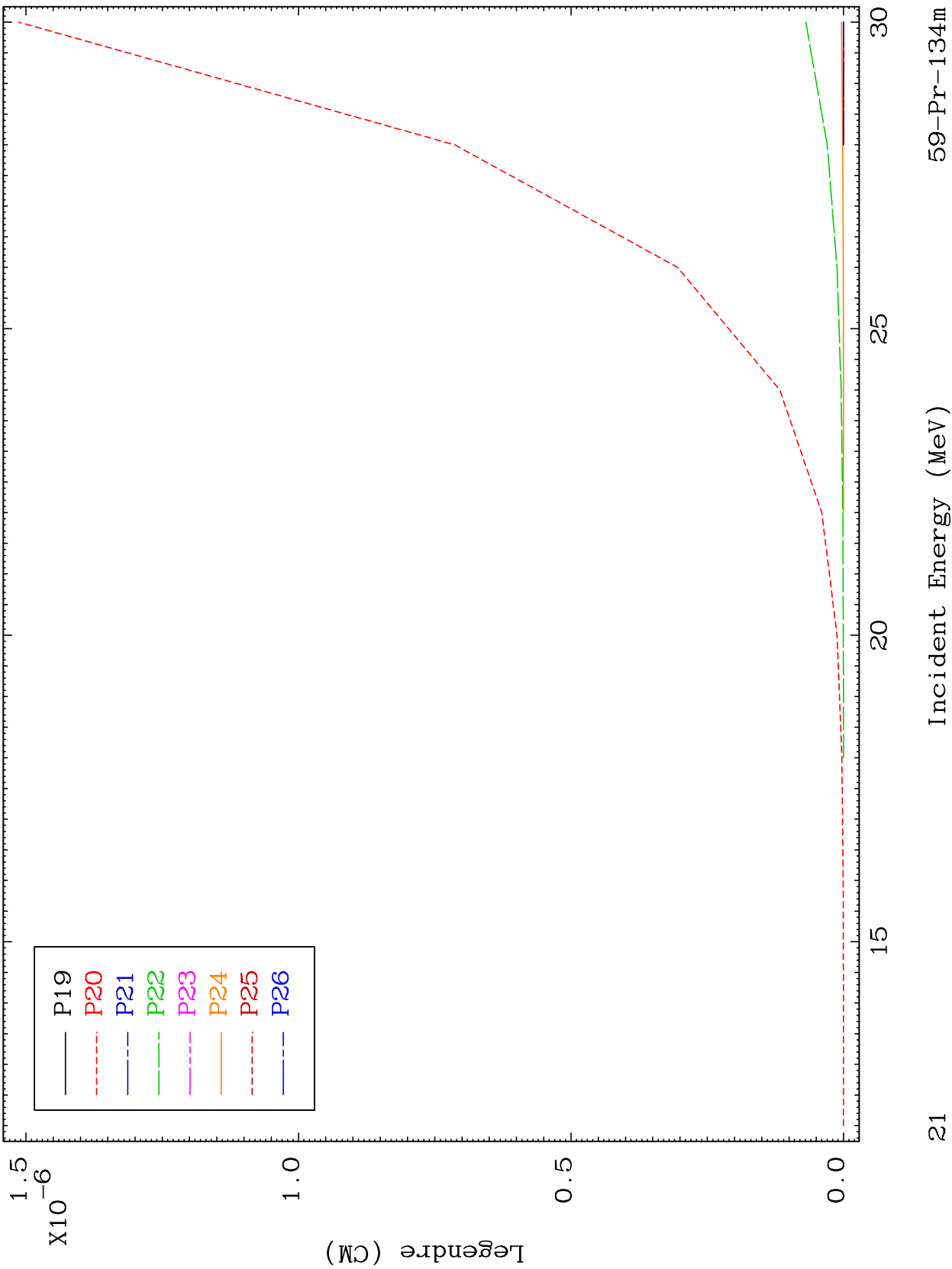




MAT 5905

Elastic Legendre Coefficients

59-Pr-134m



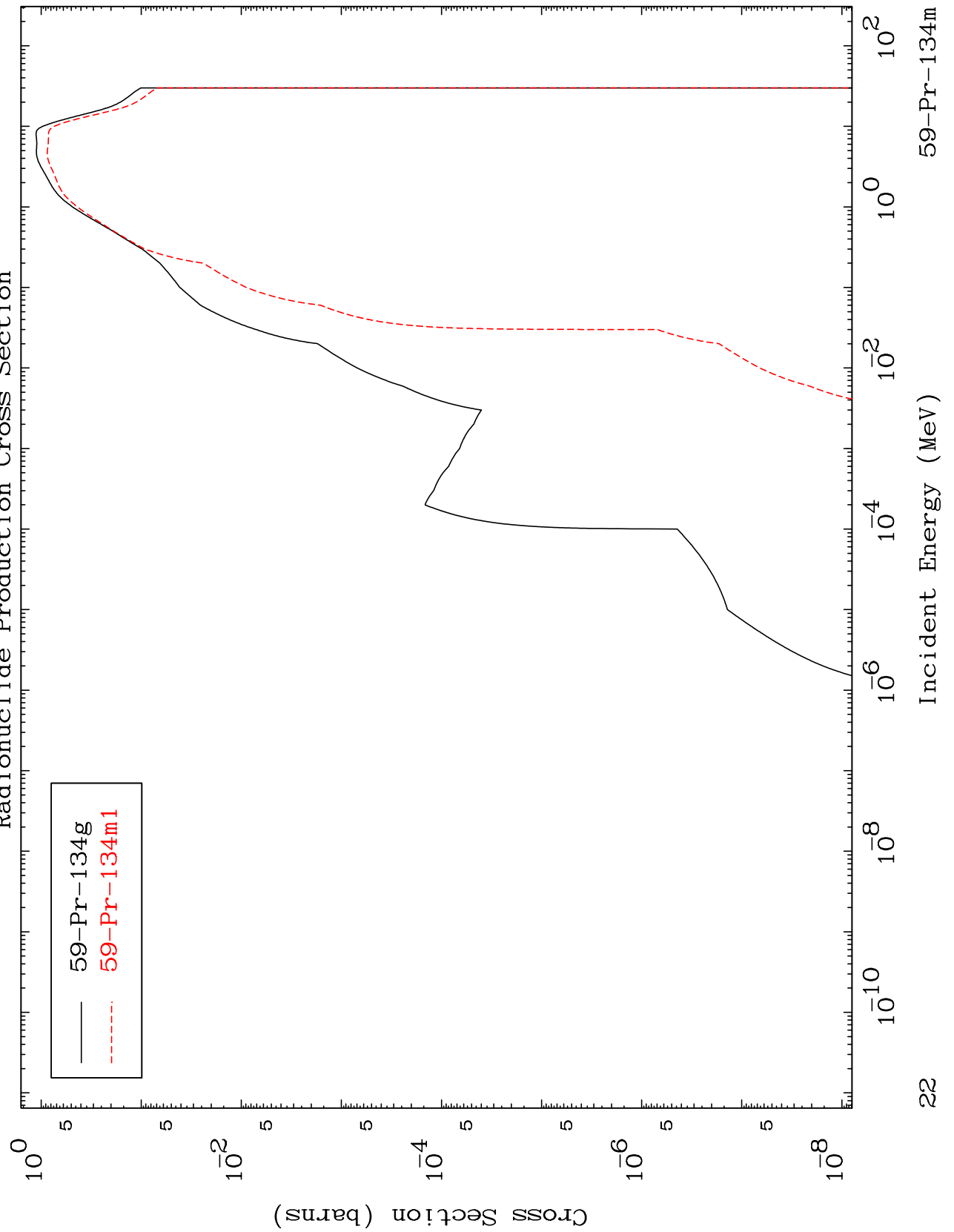
21

59-Pr-134m

MAT 5905

Inelastic  
Radionuclide Production Cross Section

59-Pr-134m

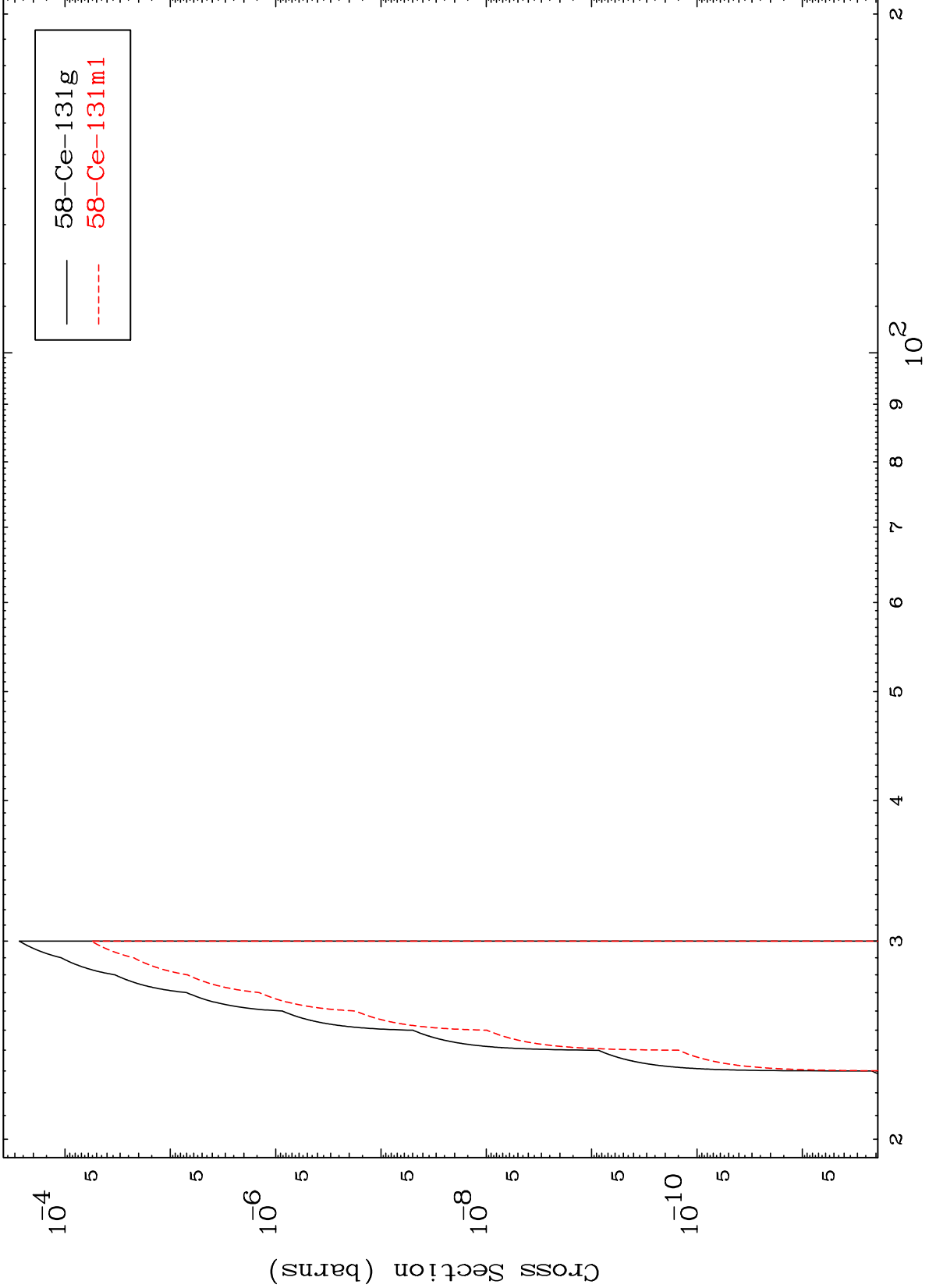


MAT 5905

(n,2n) d

59-Pr-134m

Radionuclide Production Cross Section



23

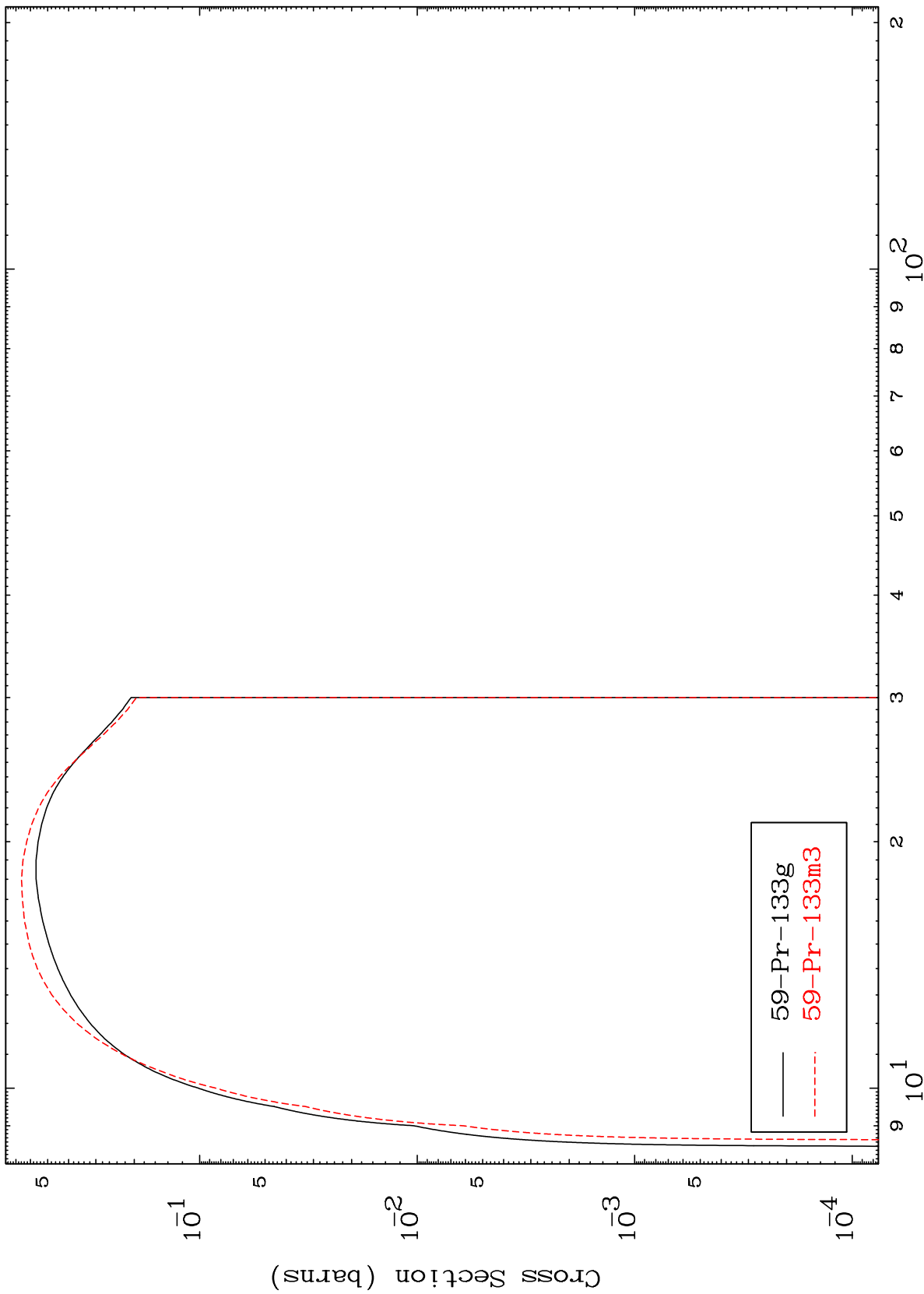
Incident Energy (MeV)

59-Pr-134m

MAT 5905

59-Pr-134m

Radionuclide Production Cross Section



59-Pr-133g  
59-Pr-133m3

59-Pr-134m

Incident Energy (MeV)

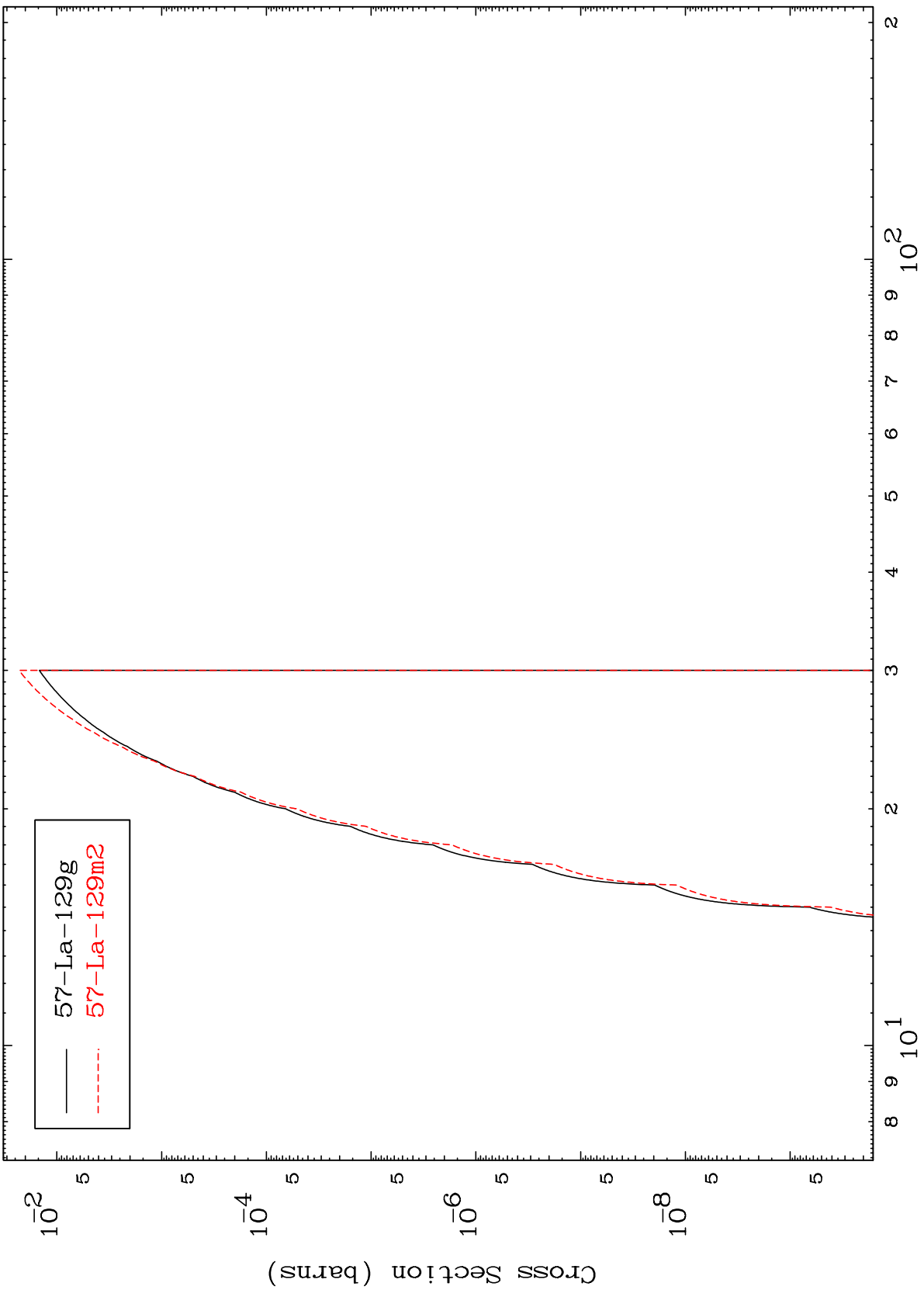
24

MAT 5905

(n,2n)  $\alpha$

59-Pr-134m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

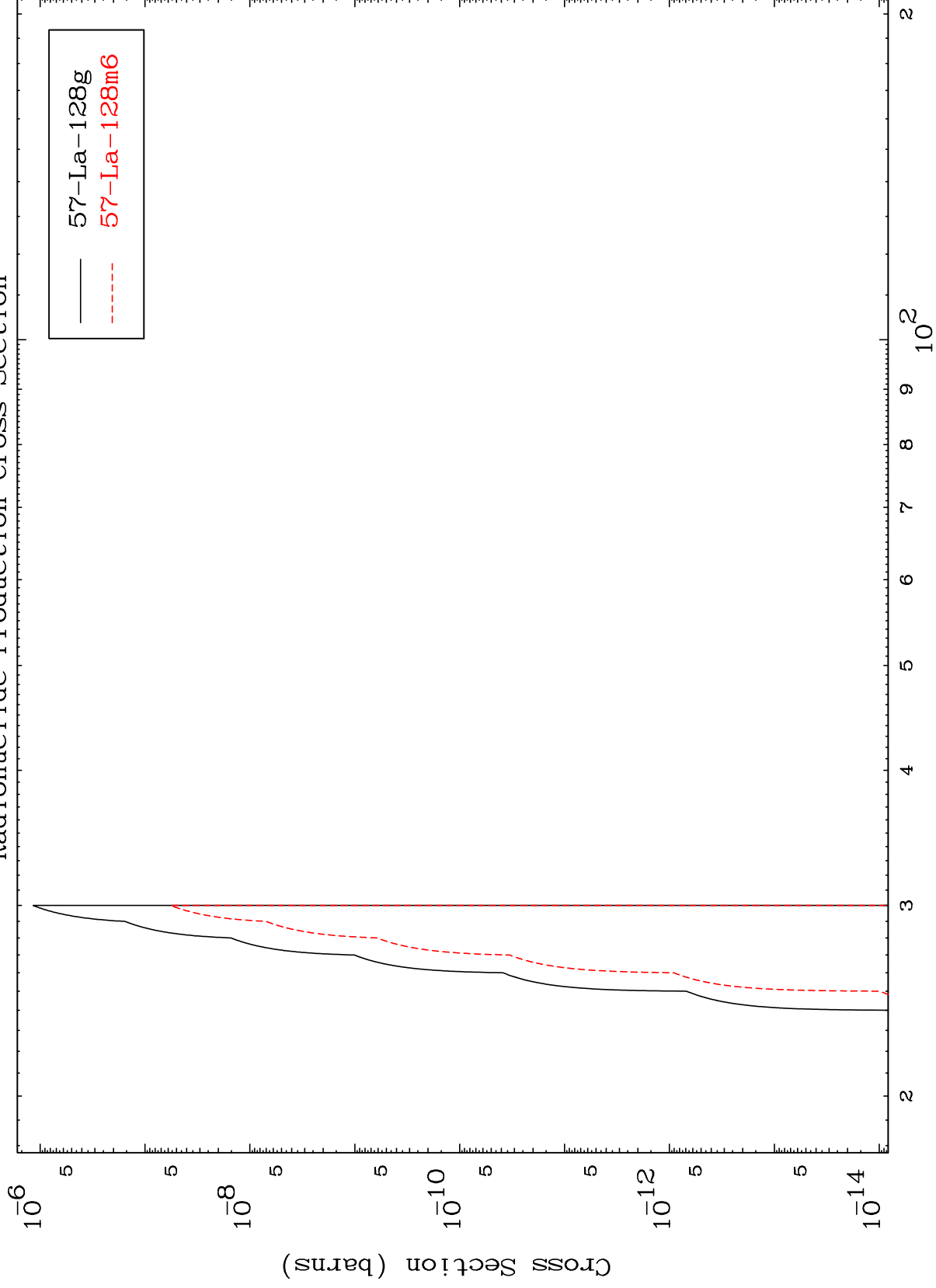
59-Pr-134m

MAT 5905

(n,3n)  $\alpha$

59-Pr-134m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

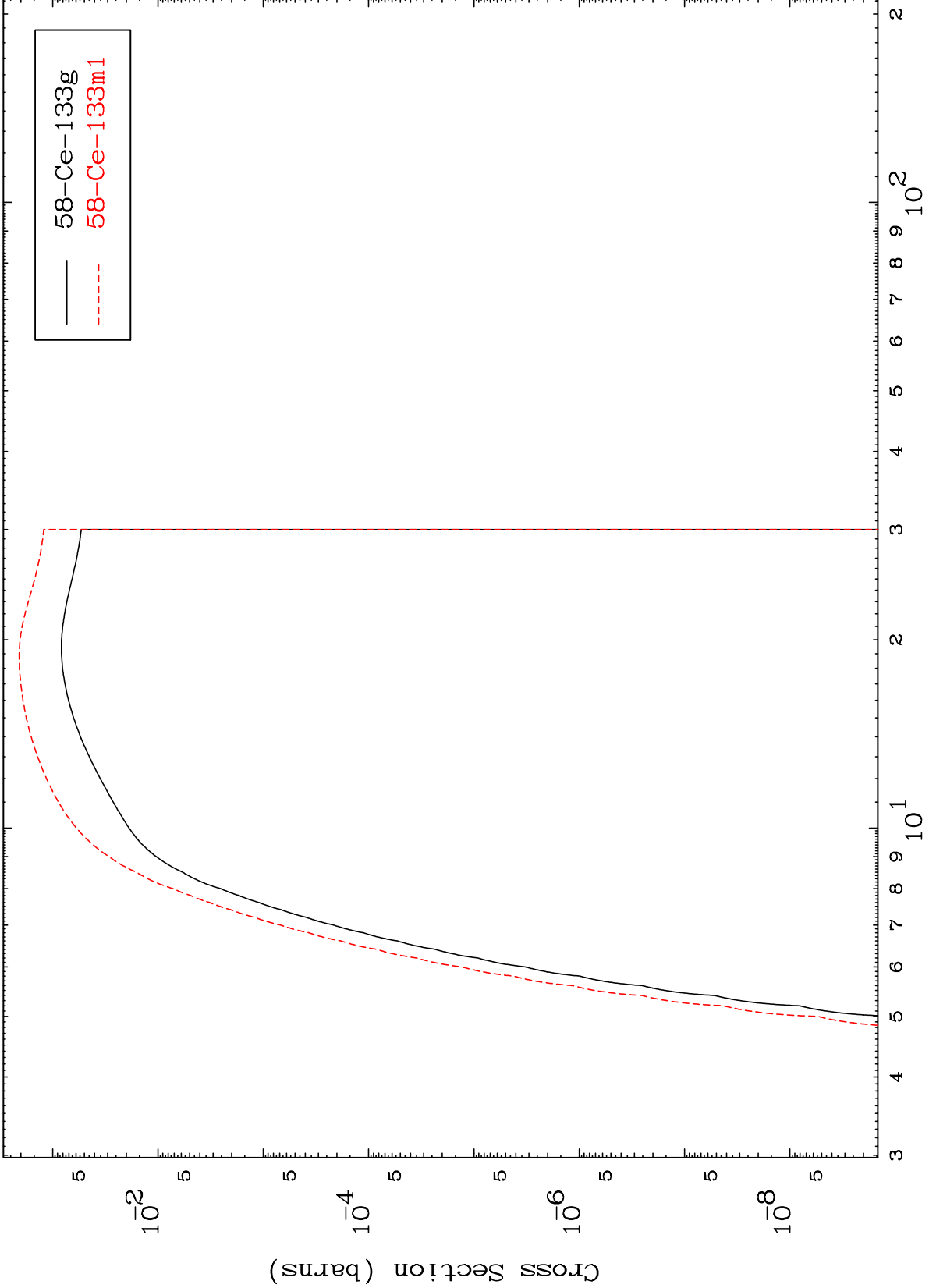
59-Pr-134m

MAT 5905

(n,n') p

59-Pr-134m

Radionuclide Production Cross Section



58-Ce-133g  
58-Ce-133m1

27

Incident Energy (MeV)

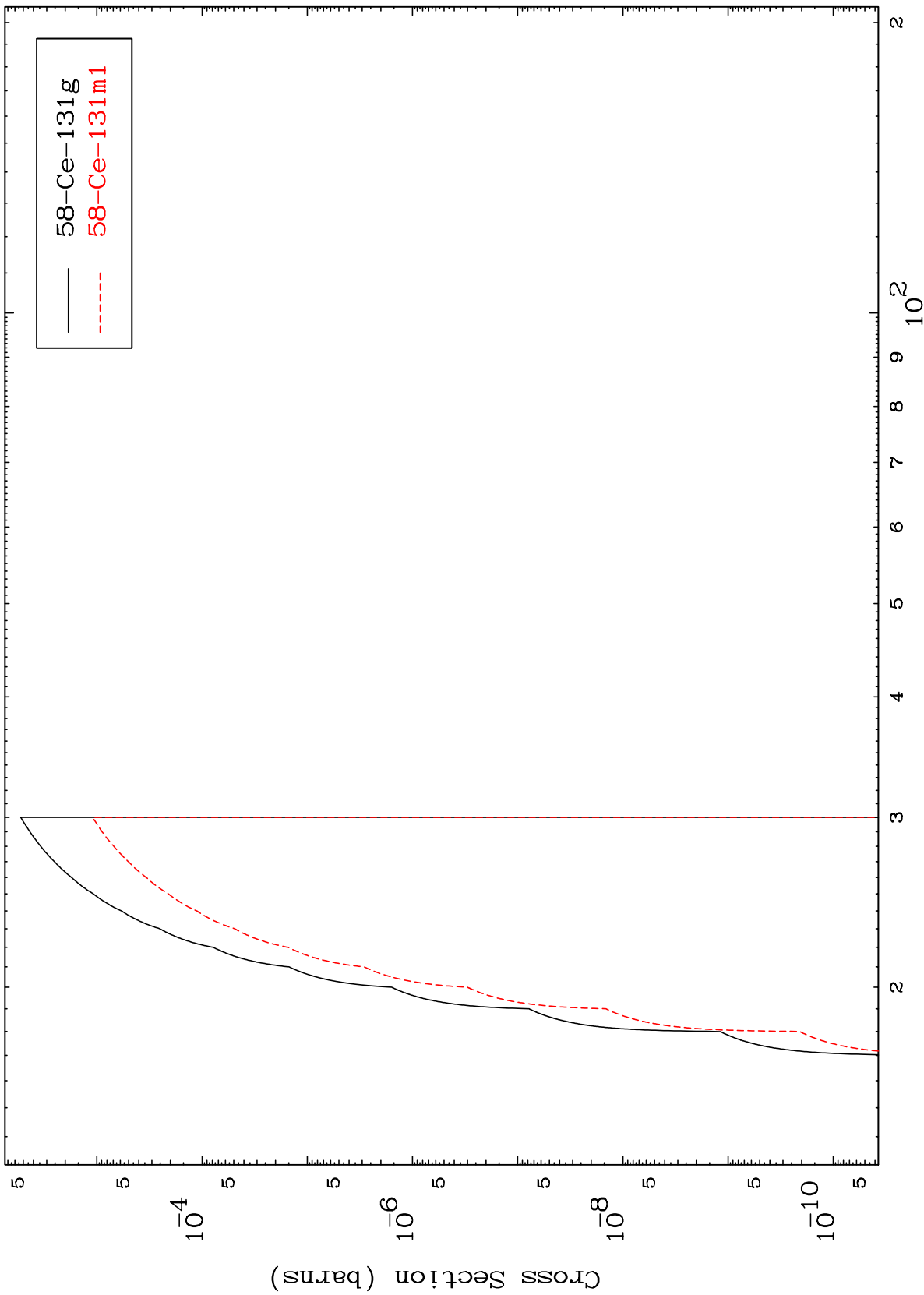
59-Pr-134m

MAT 5905

(n,n') t

59-Pr-134m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

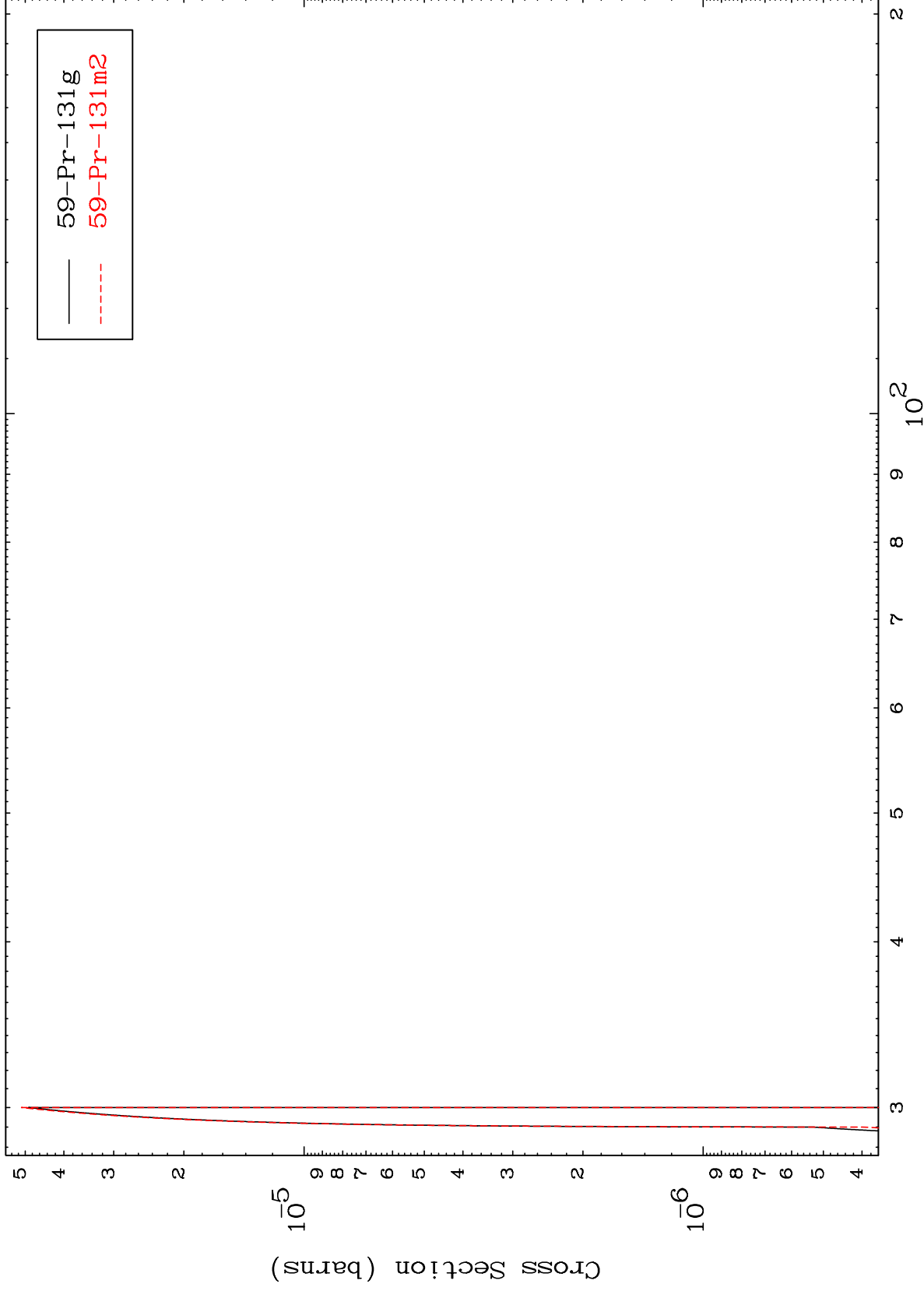
59-Pr-134m

MAT 5905

(n,4n)

59-Pr-134m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

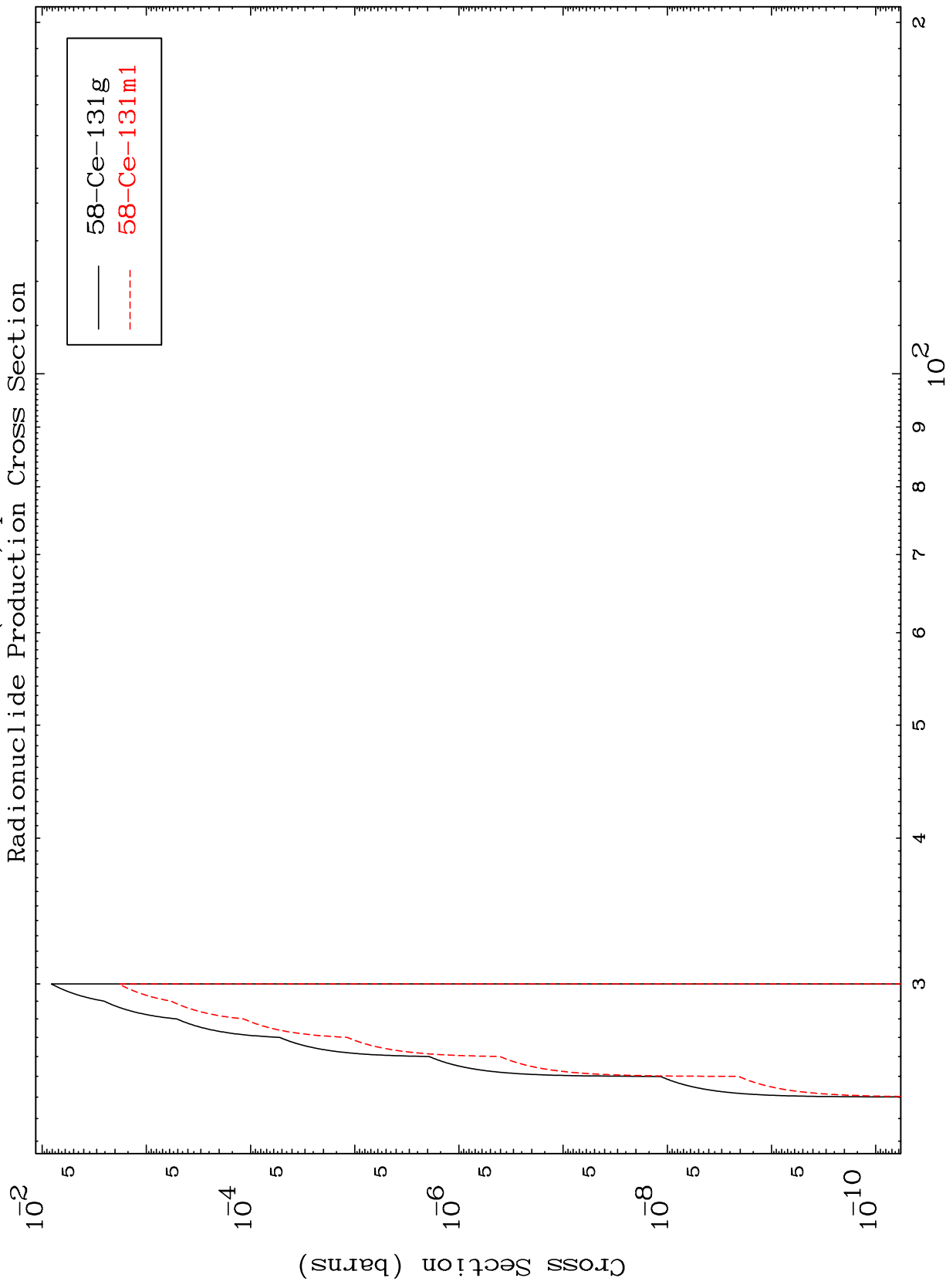
59-Pr-134m

MAT 5905

(n,3n) p

59-Pr-134m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

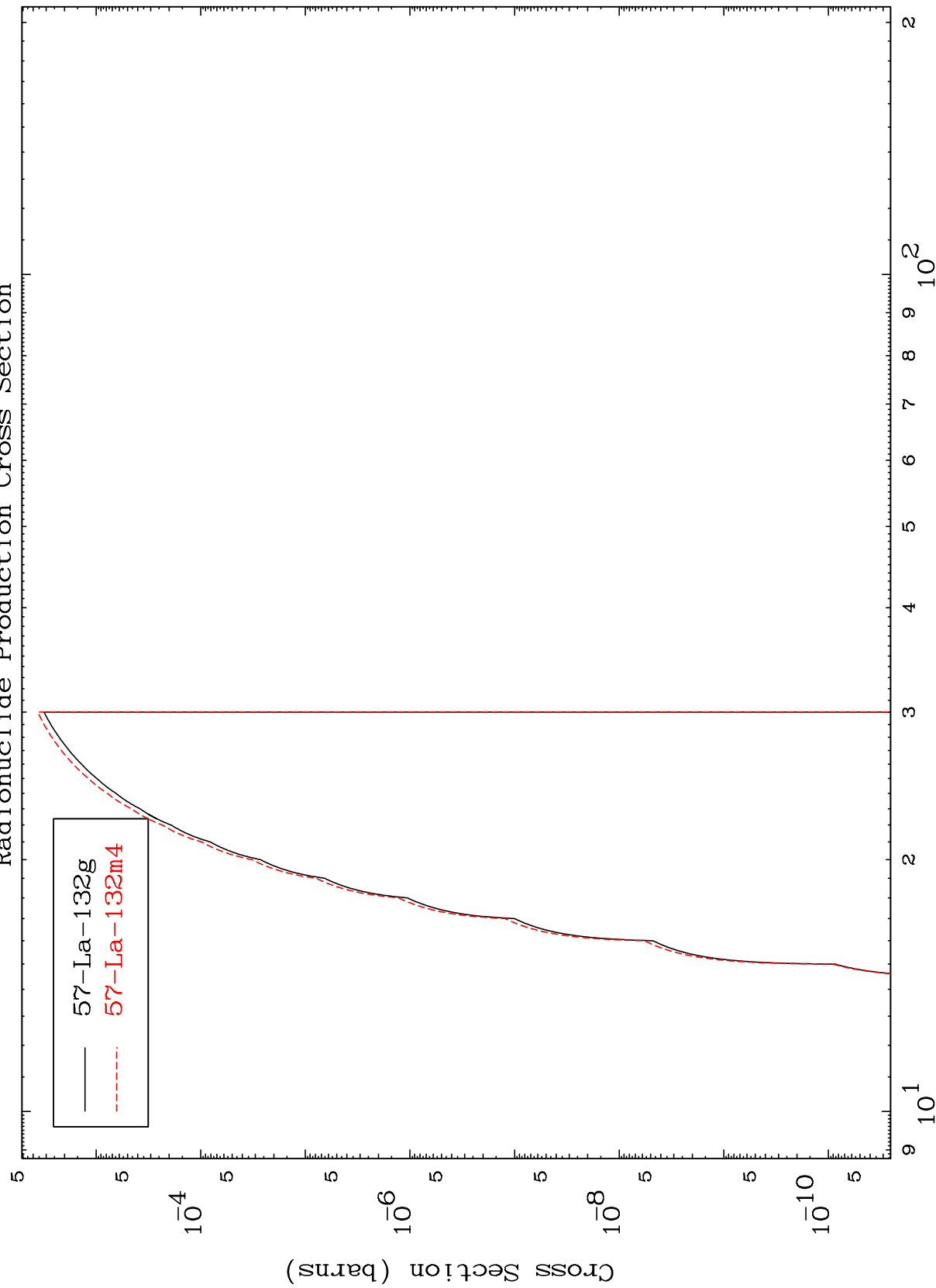
59-Pr-134m

MAT 5905

(n,2n) p

59-Pr-134m

Radionuclide Production Cross Section



Incident Energy (MeV)

59-Pr-134m

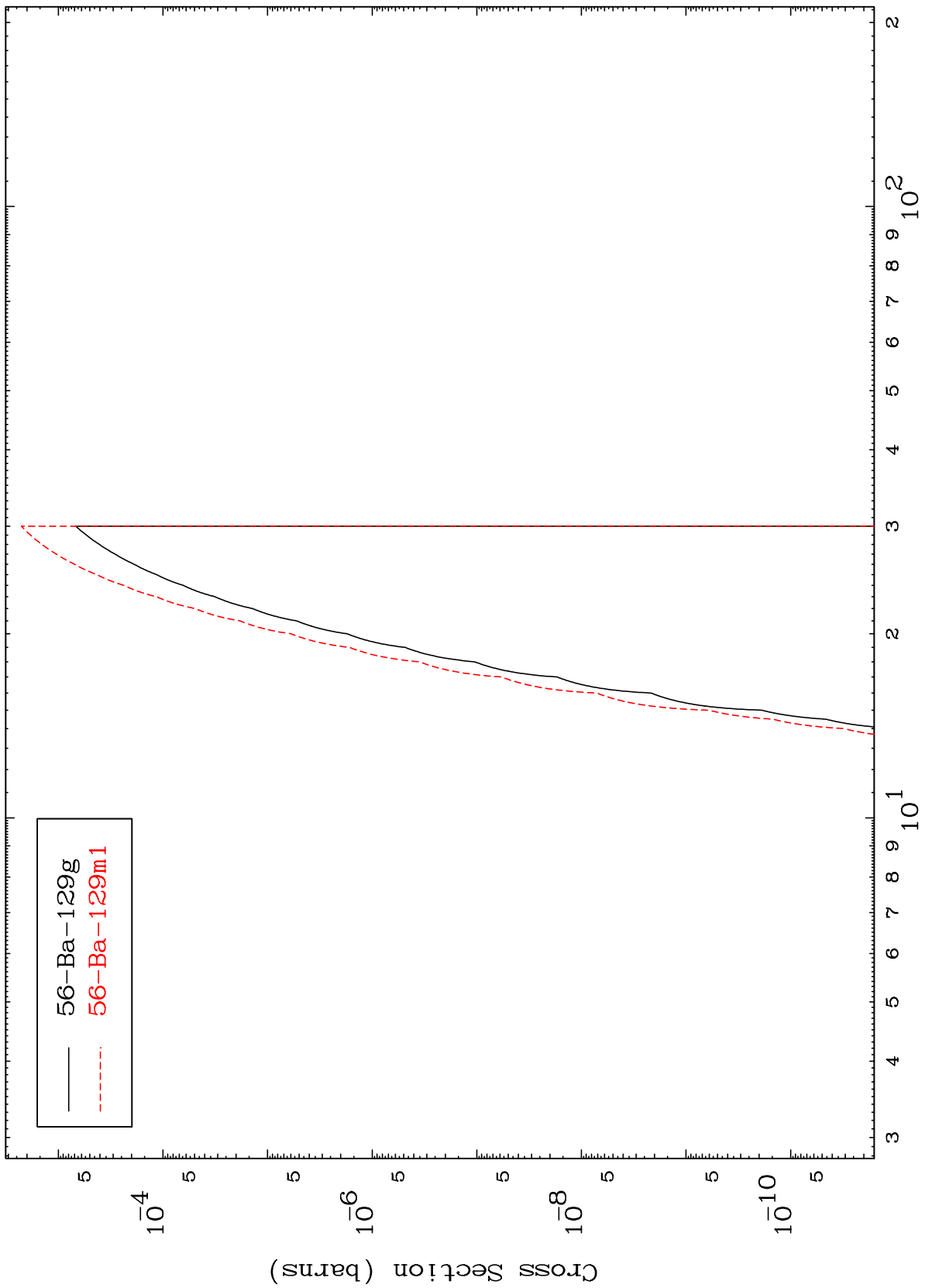
31

MAT 5905

(n,n') p  $\alpha$

59-Pr-134m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

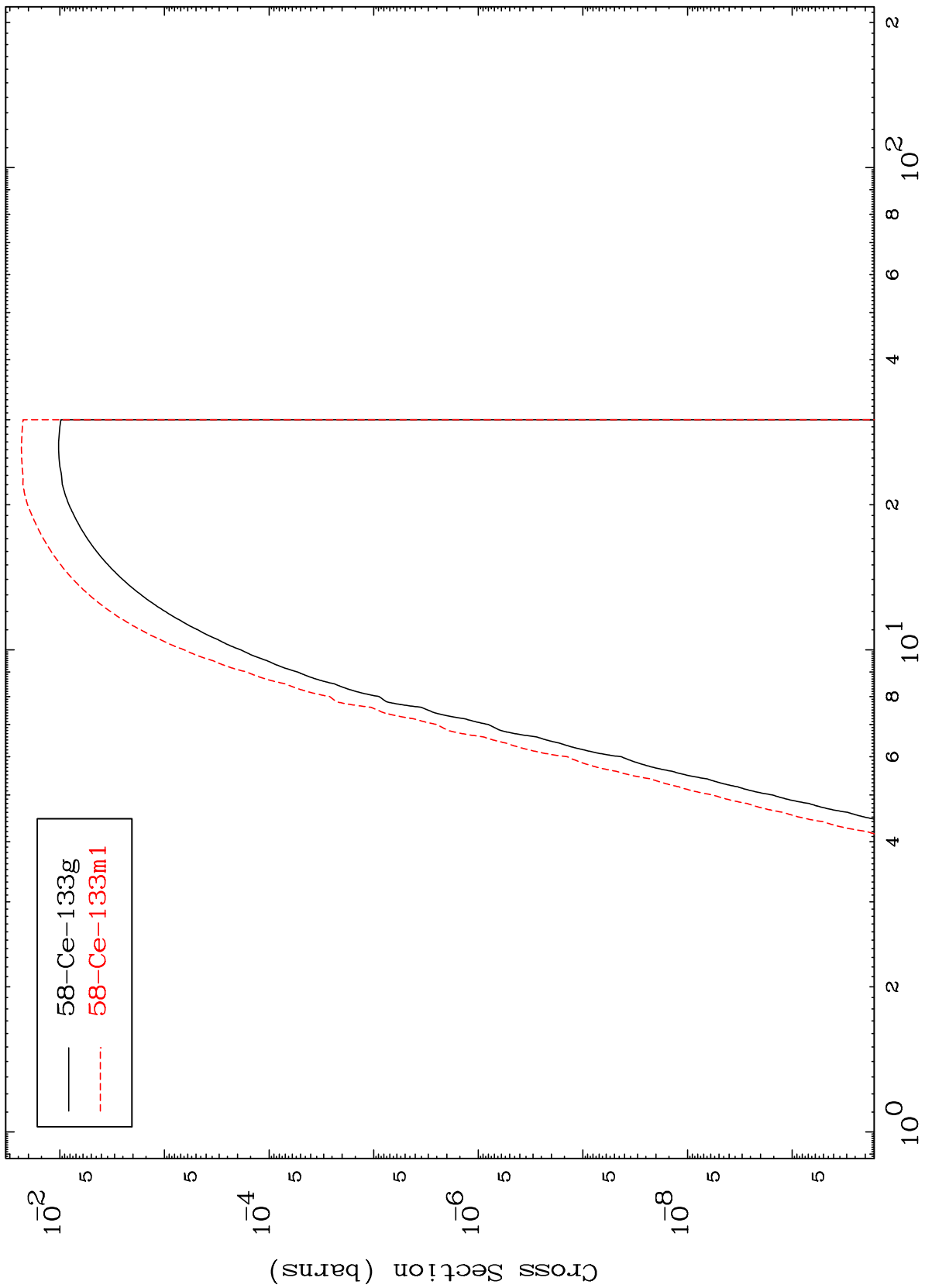
59-Pr-134m

MAT 5905

(n,d)

59-Pr-134m

Radionuclide Production Cross Section



58-Ce-133g  
58-Ce-133m1

Incident Energy (MeV)

59-Pr-134m

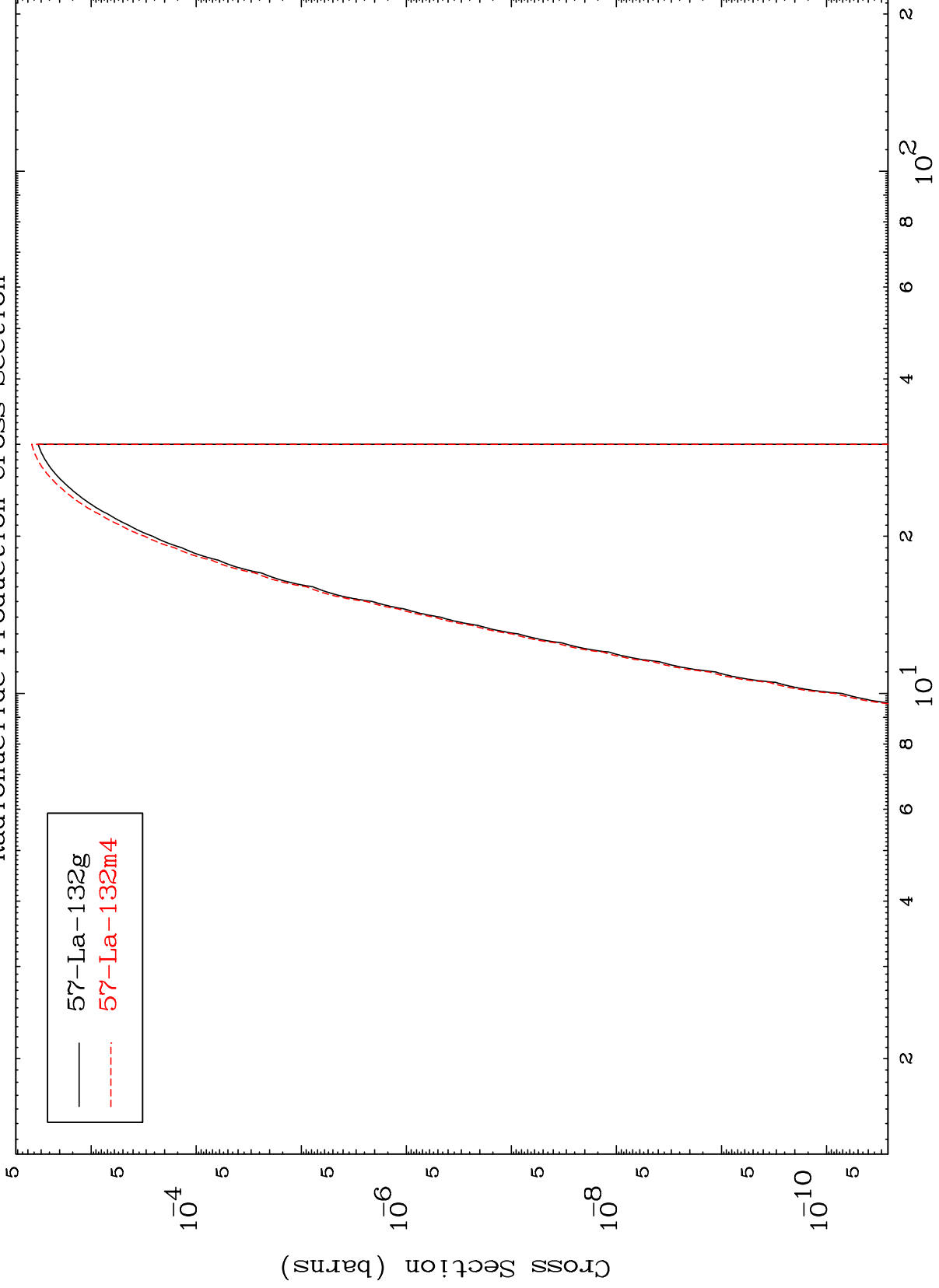
33

MAT 5905

(n,He-3)

59-Pr-134m

Radionuclide Production Cross Section



34

Incident Energy (MeV)

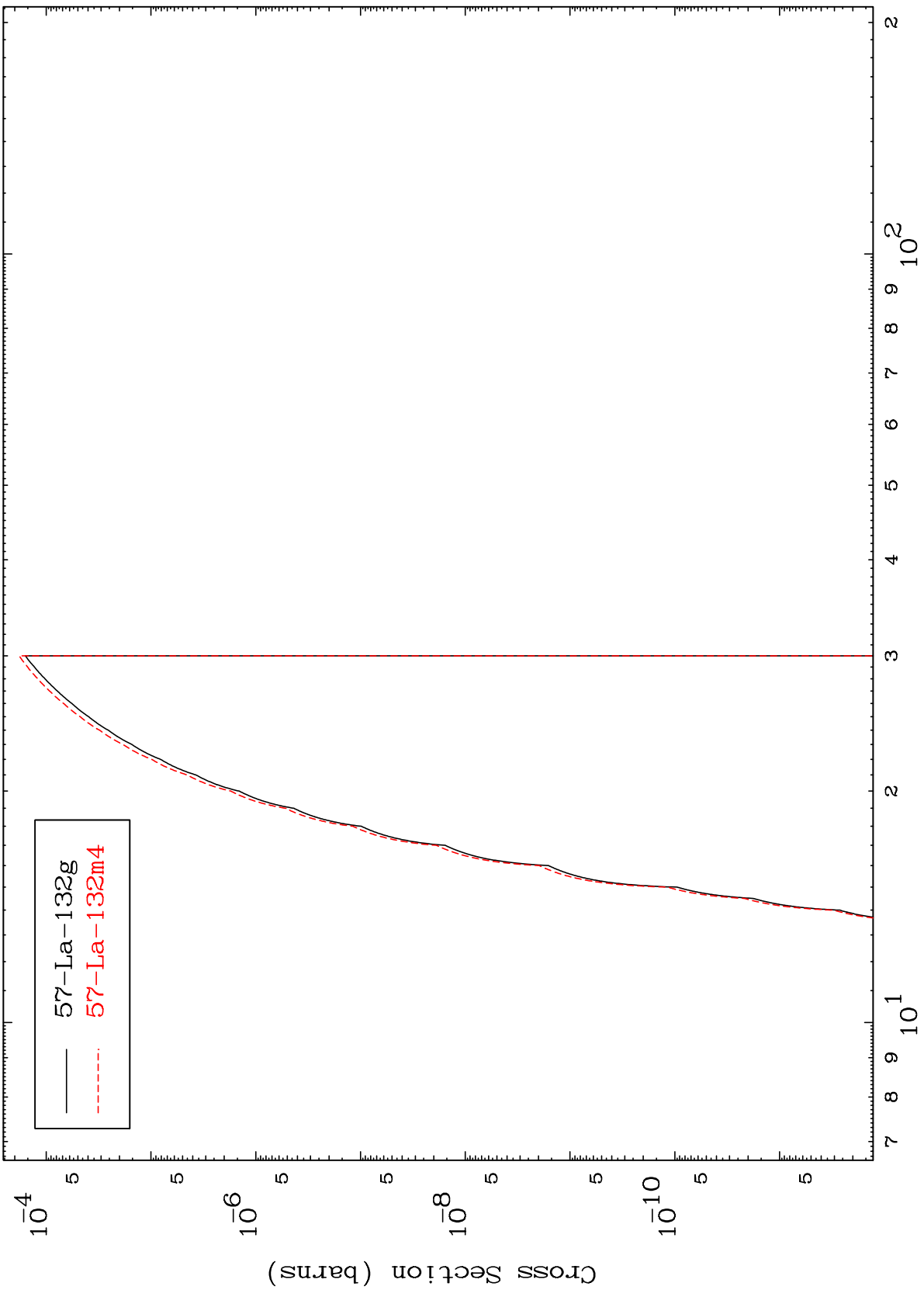
59-Pr-134m

MAT 5905

(n,p) d

59-Pr-134m

Radionuclide Production Cross Section



35

Incident Energy (MeV)

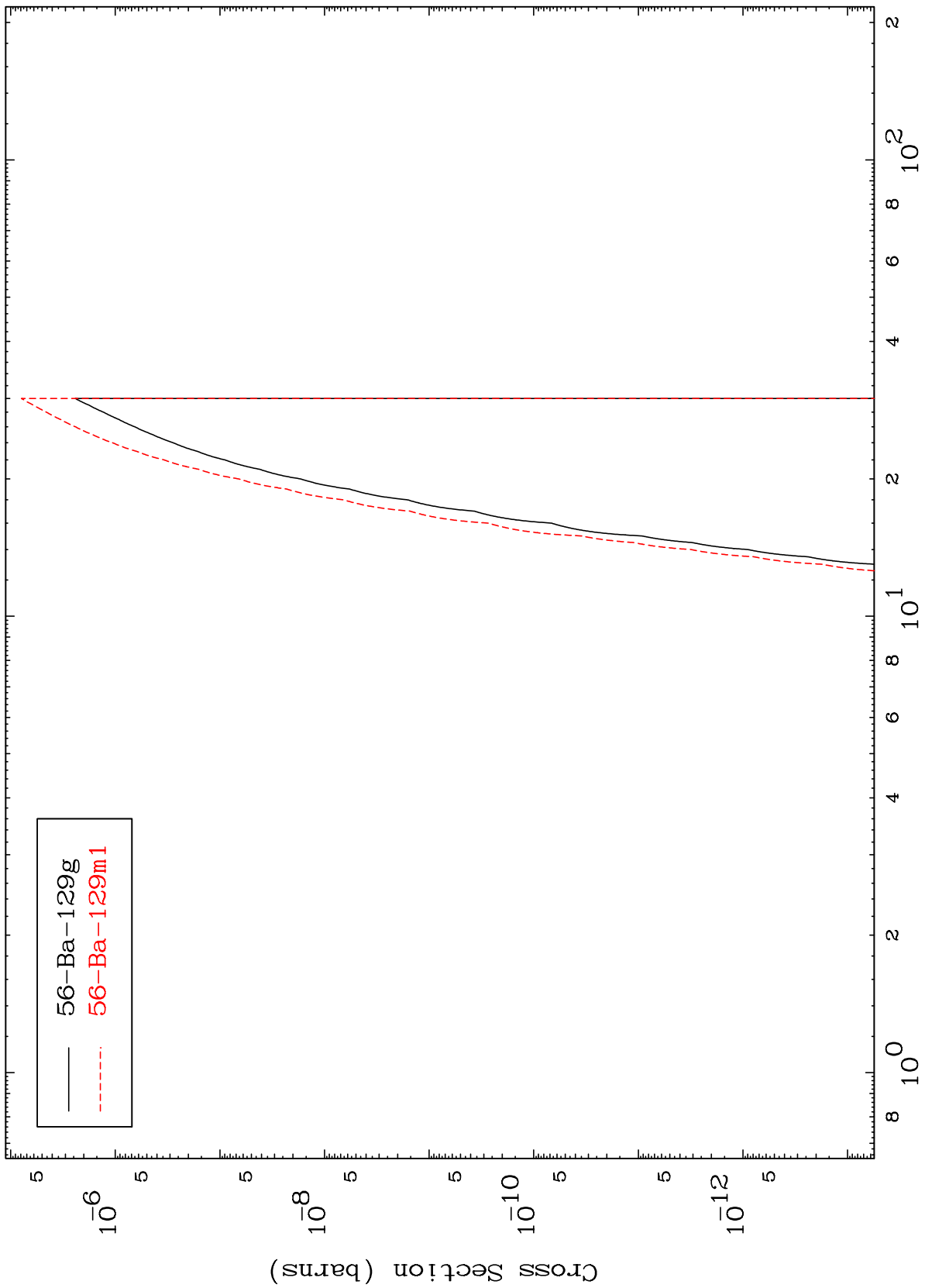
59-Pr-134m

MAT 5905

(n,d)  $\alpha$

59-Pr-134m

Radionuclide Production Cross Section



— 56-Ba-129g  
- - - 56-Ba-129m1