

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

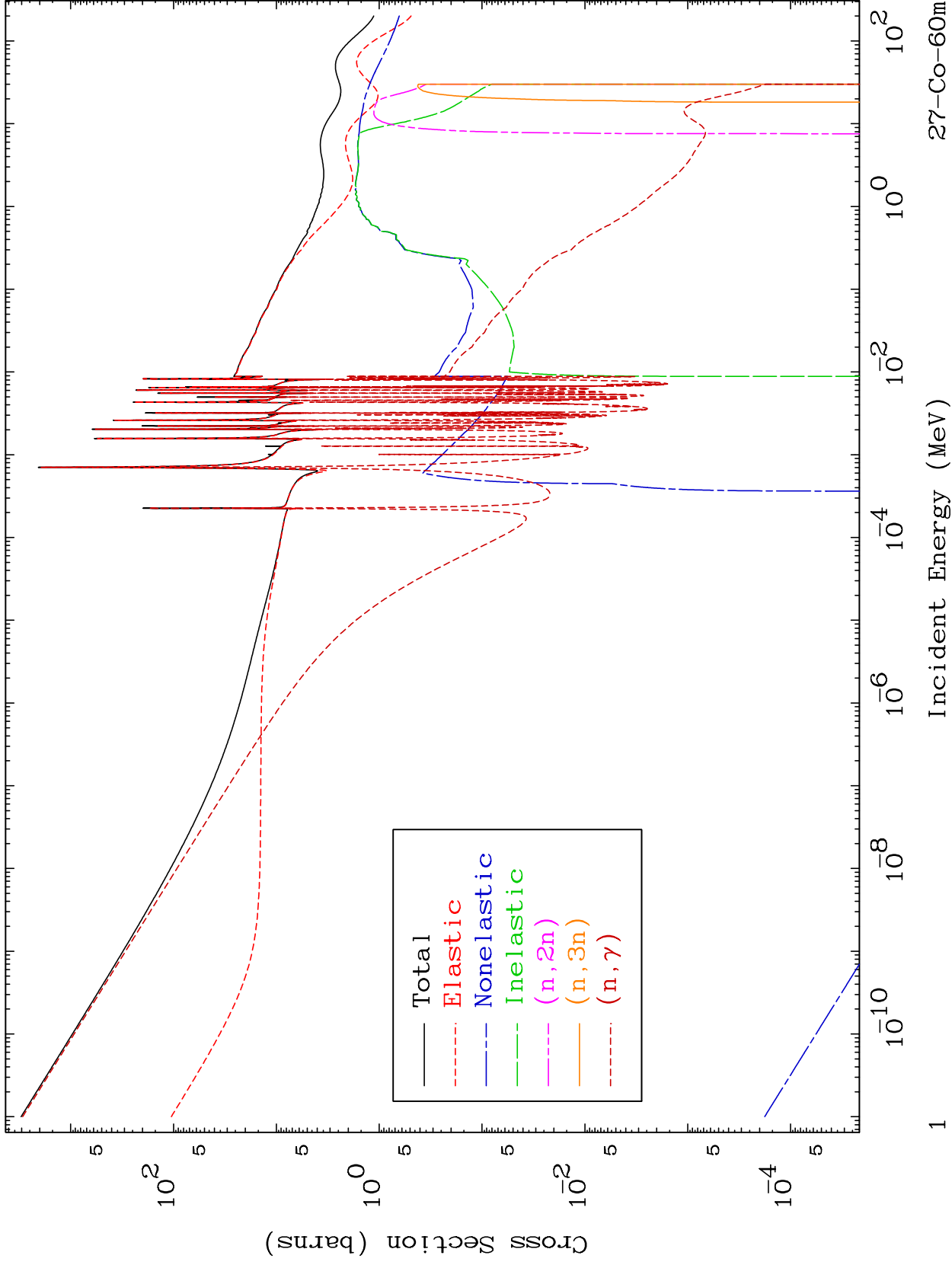
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2729

Neutron Major  
293 Kelvin Cross Sections

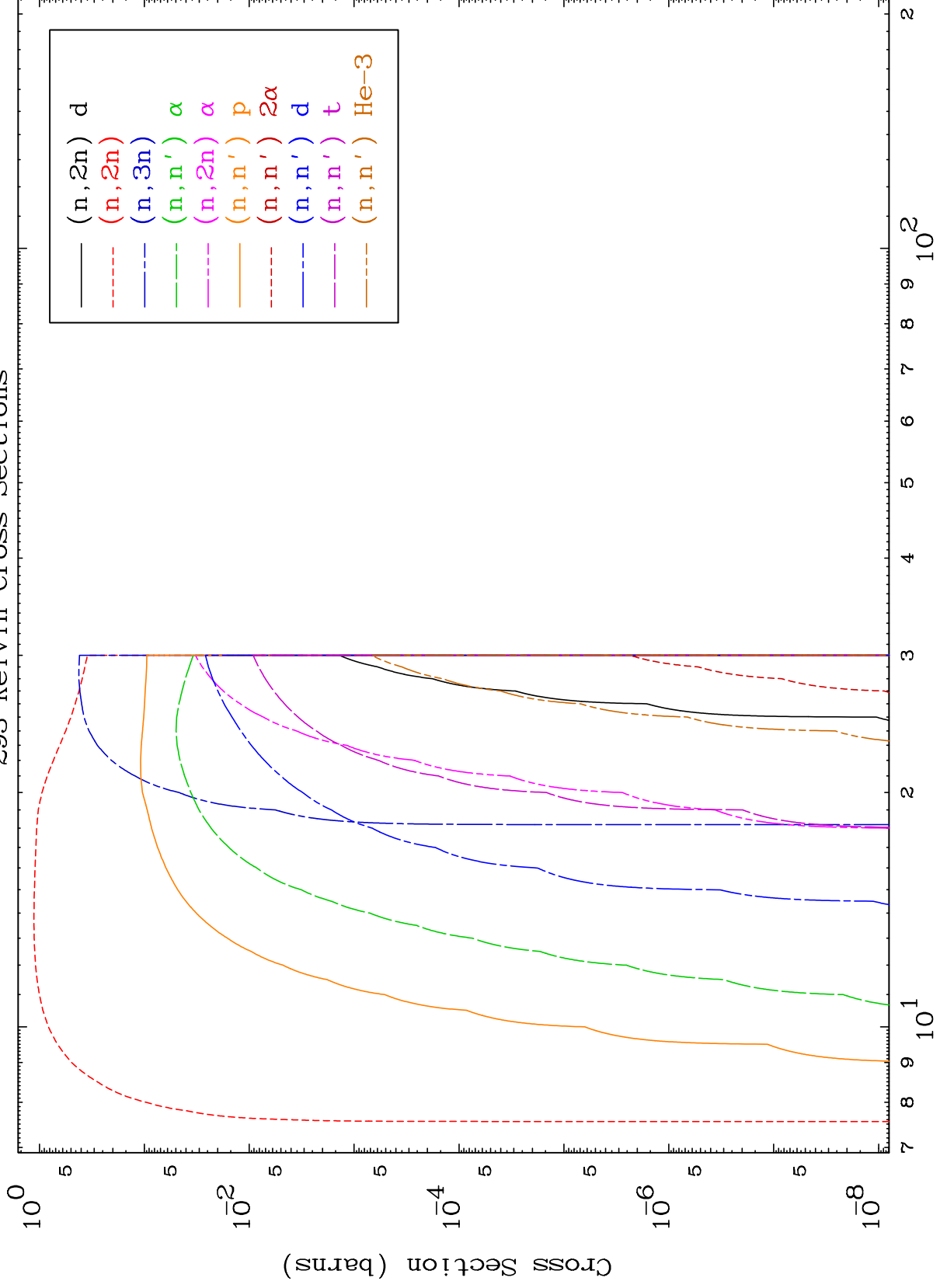
27-Co-60m



MAT 2729

Neutron Absorption  
293 Kelvin Cross Sections

27-Co-60m



2

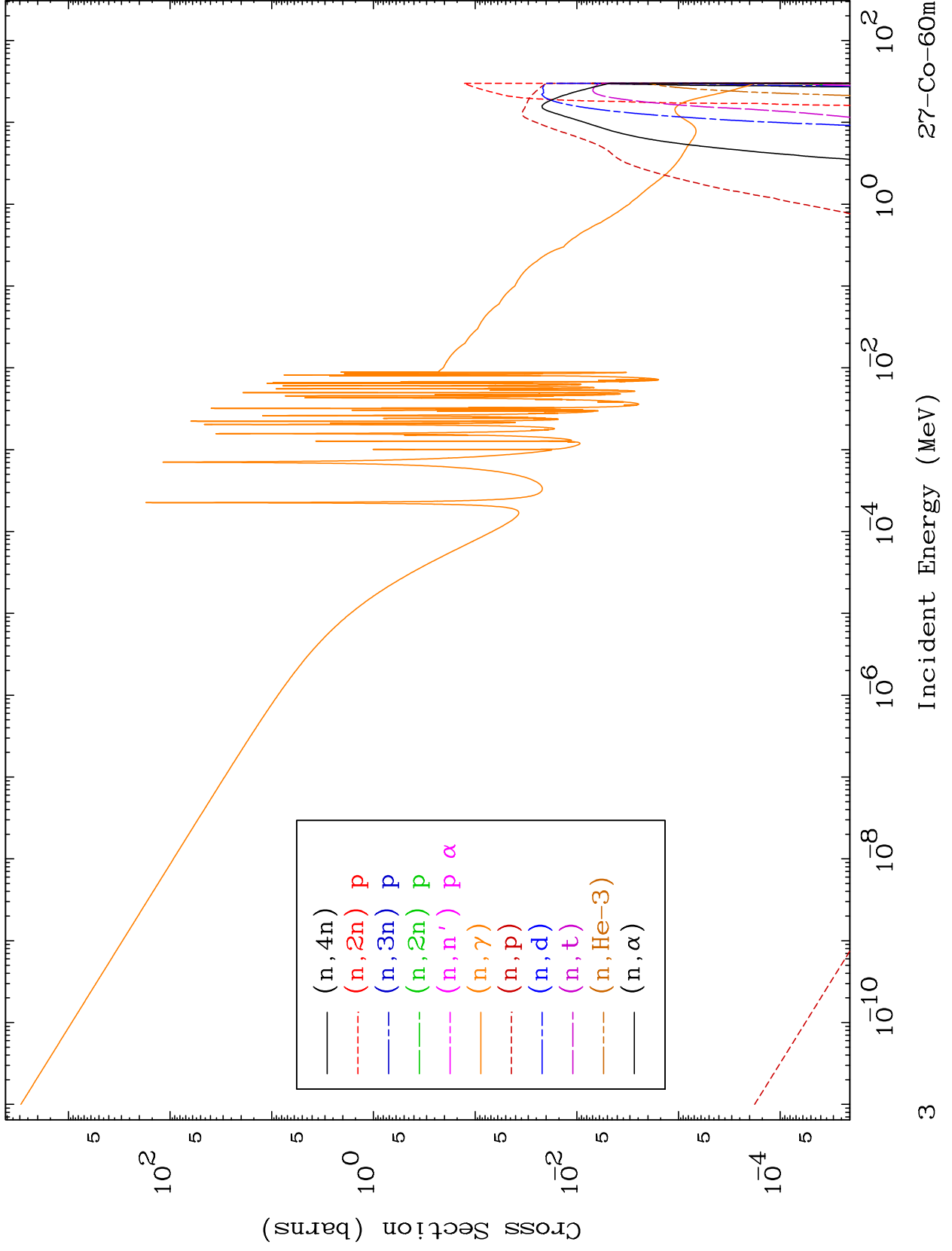
Incident Energy (MeV)

27-Co-60m

MAT 2729

Neutron Absorption  
293 Kelvin Cross Sections

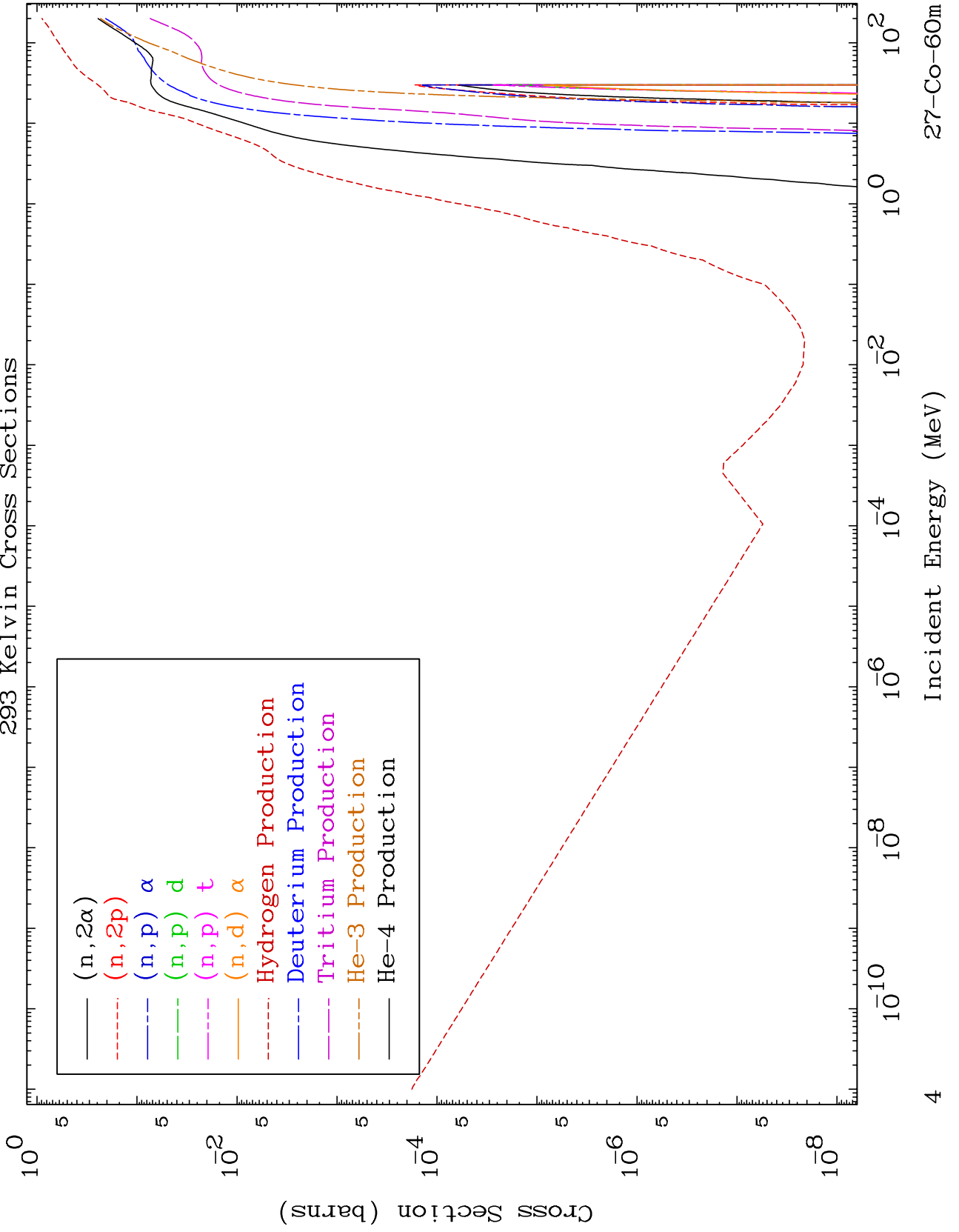
27-Co-60m



MAT 2729

Neutron Absorption  
293 Kelvin Cross Sections

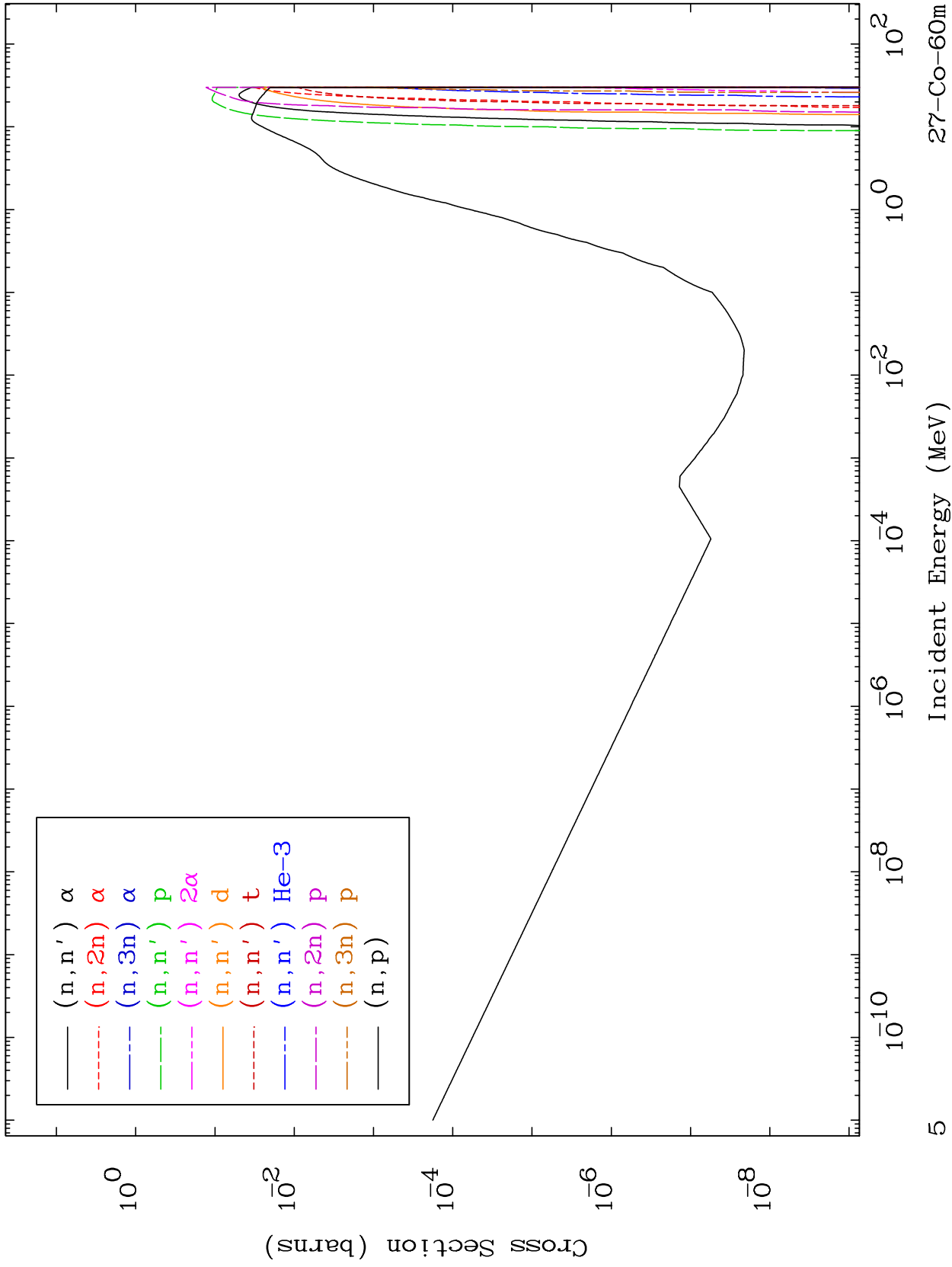
27-Co-60m



MAT 2729

Charged Particle  
293 Kelvin Cross Sections

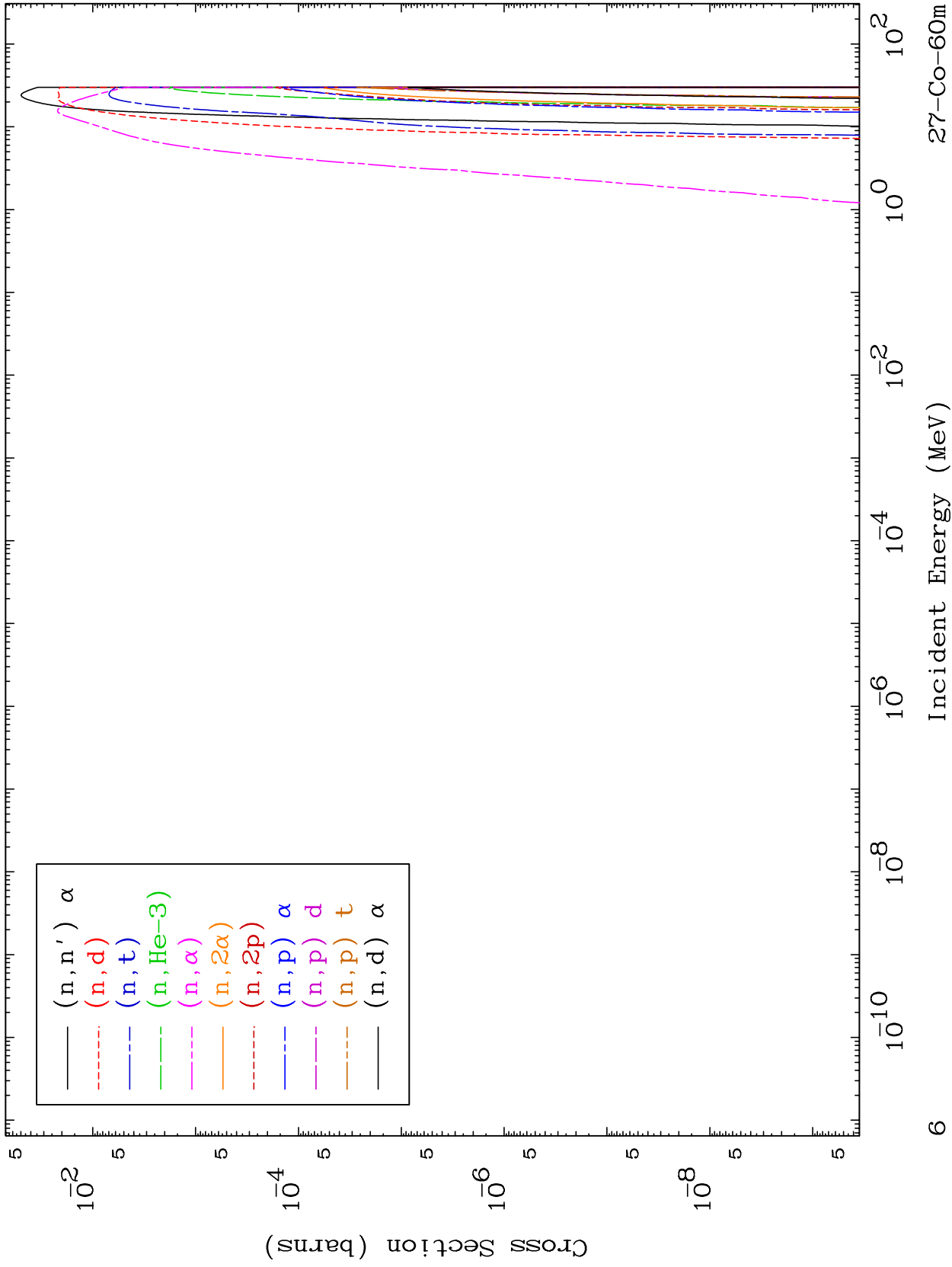
27-Co-60m

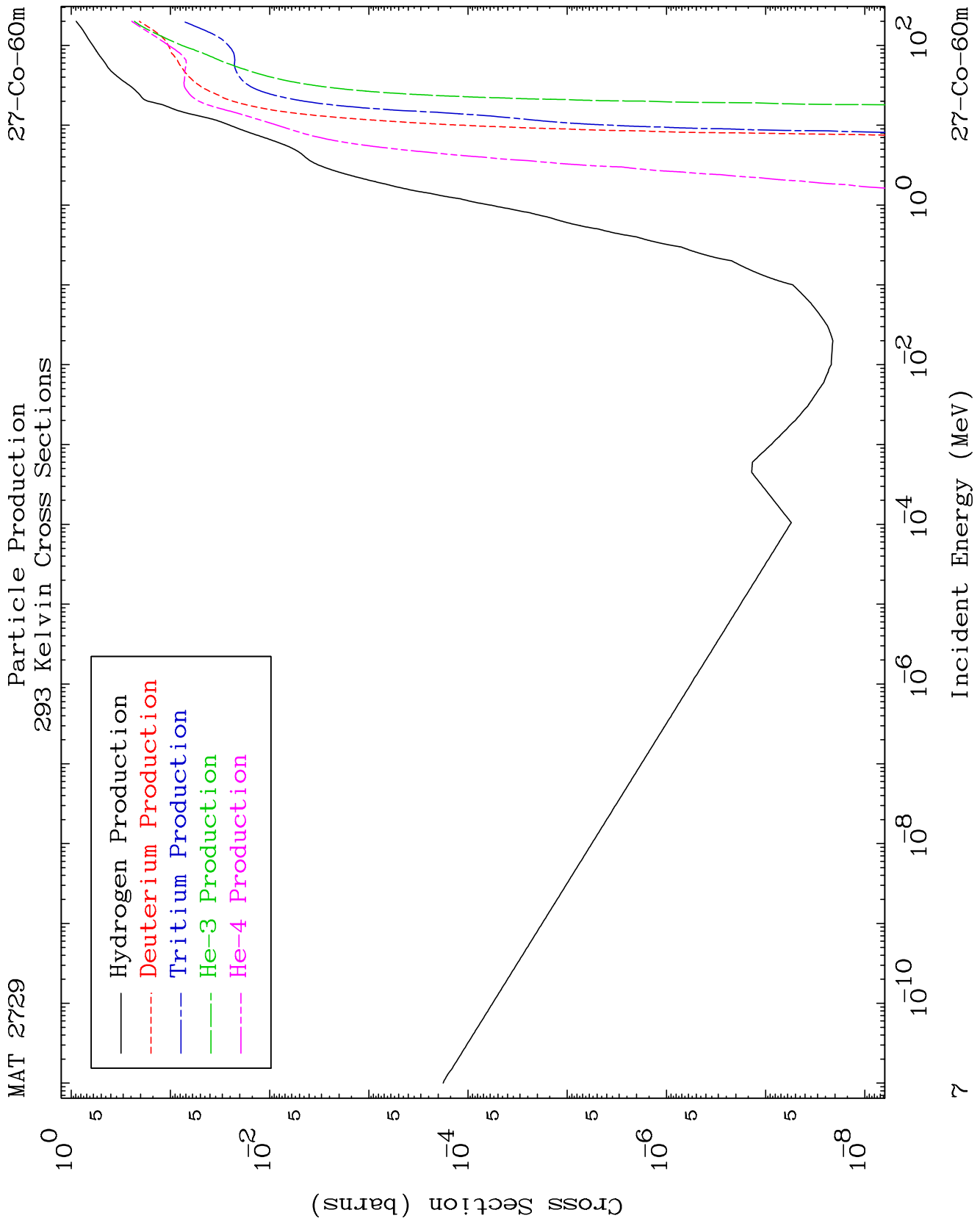


MAT 2729

Charged Particle  
293 Kelvin Cross Sections

27-Co-60m



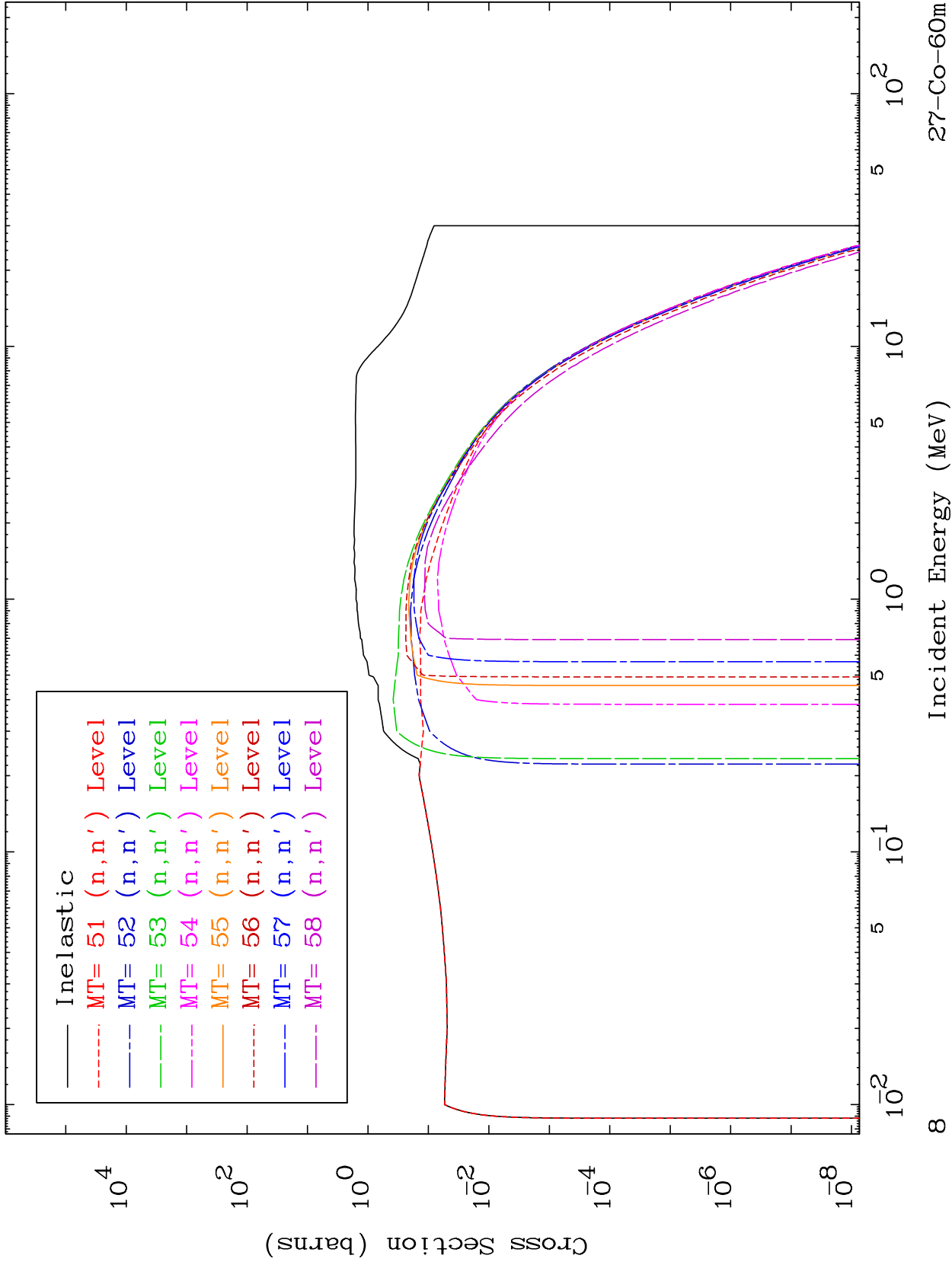




MAT 2729

(n,n') Levels  
293 Kelvin Cross Sections

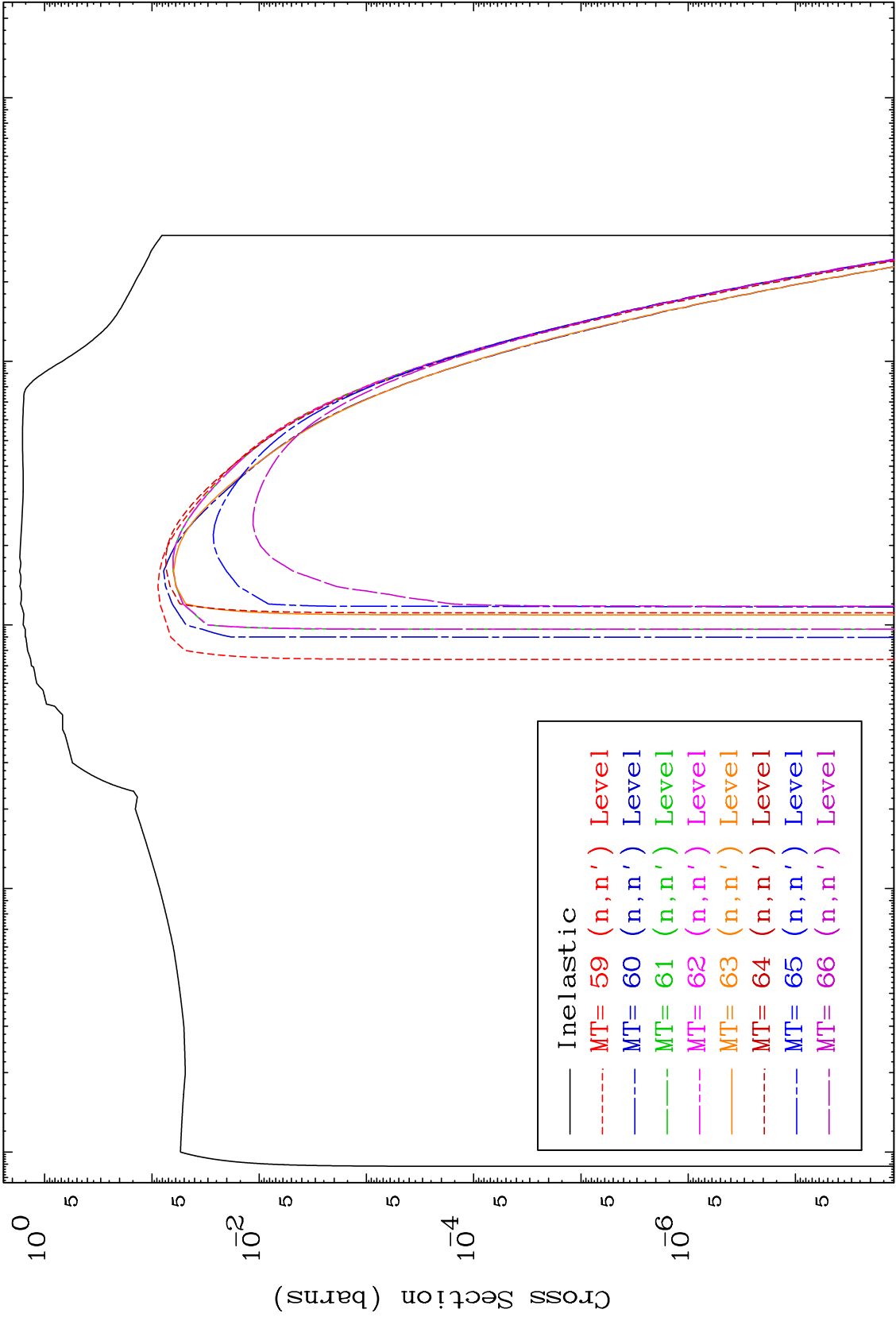
27-Co-60m



MAT 2729

(n,n') Levels  
293 Kelvin Cross Sections

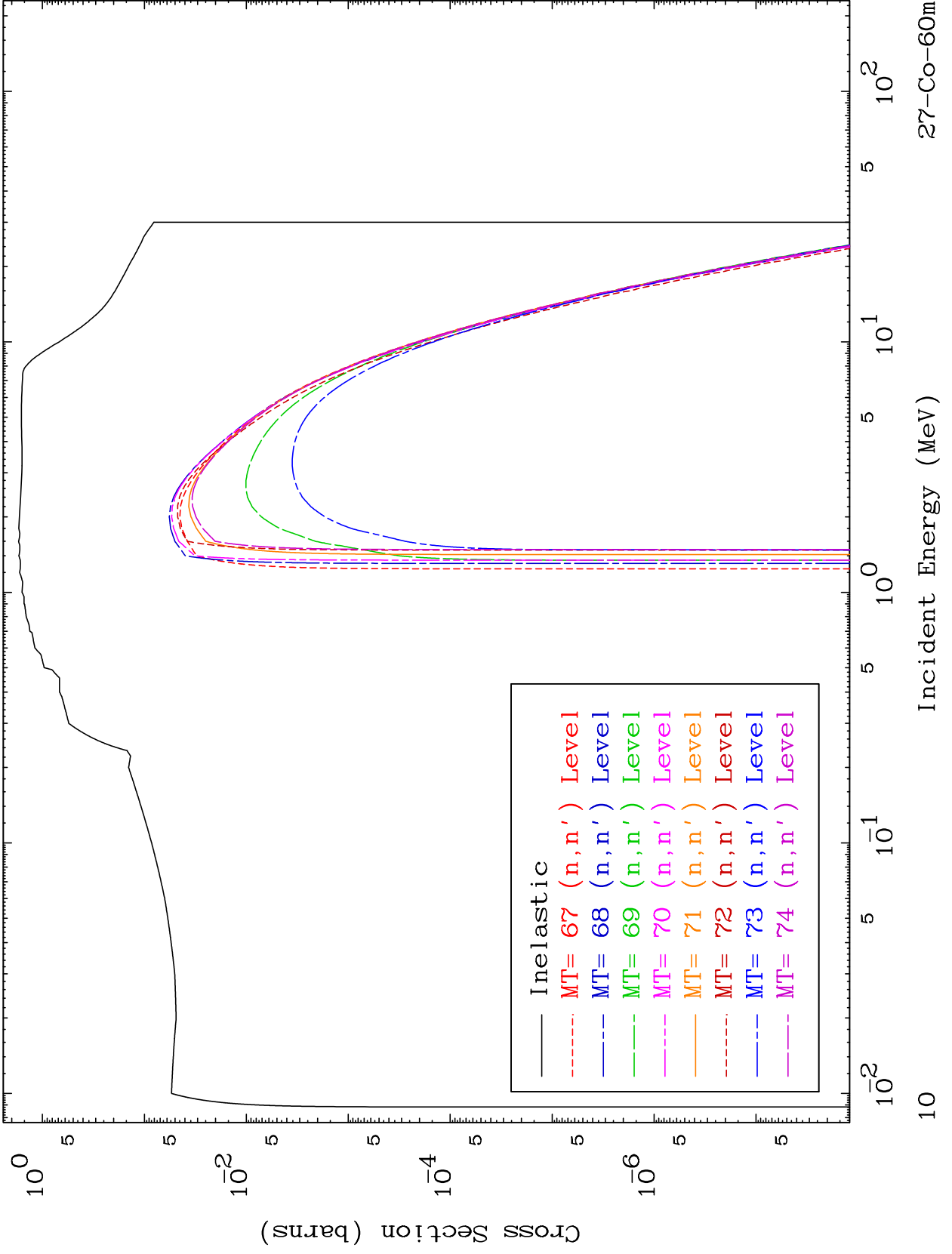
27-Co-60m



MAT 2729

(n,n') Levels  
293 Kelvin Cross Sections

27-Co-60m

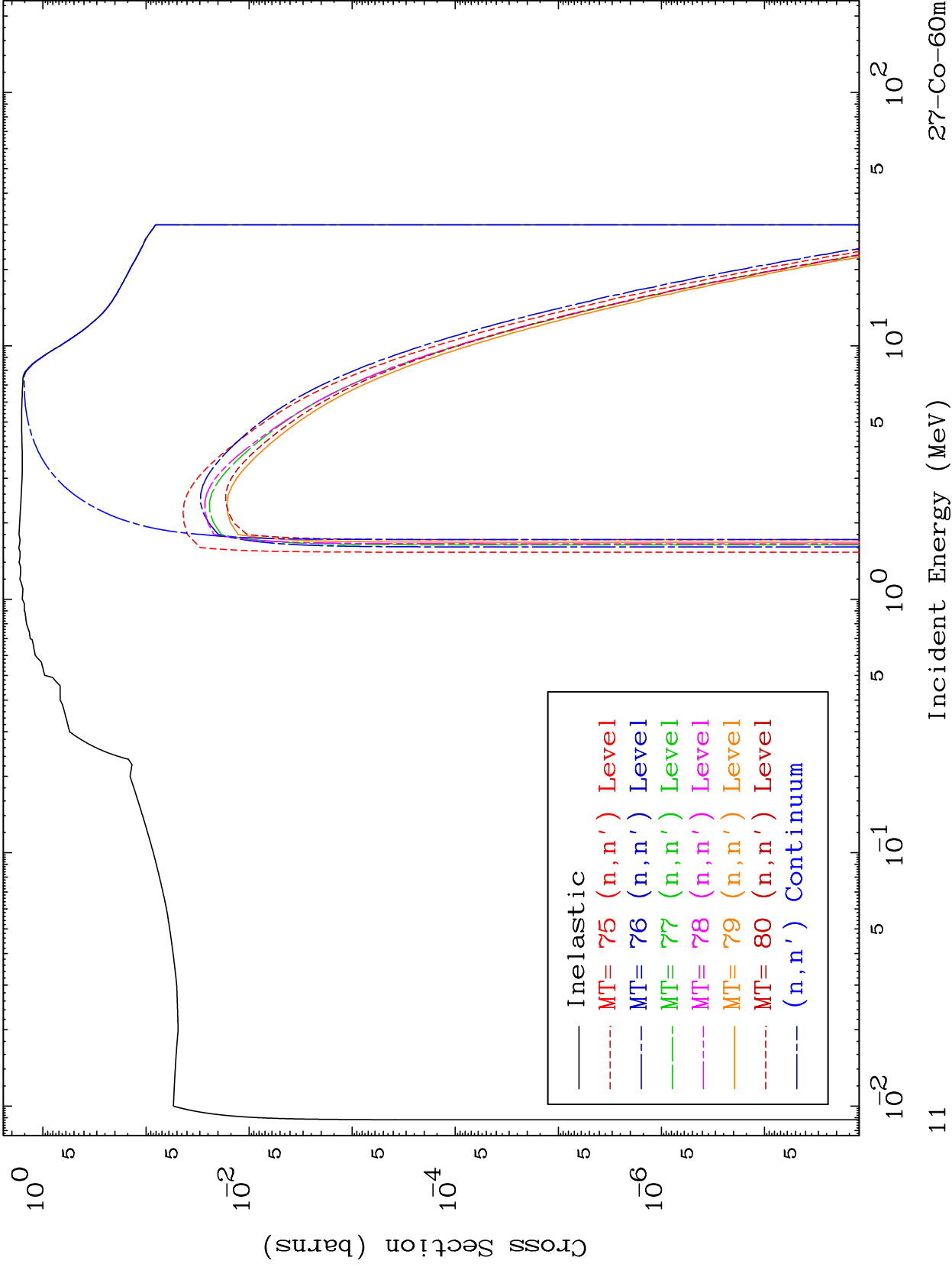


27-Co-60m

MAT 2729

(n,n') Levels  
293 Kelvin Cross Sections

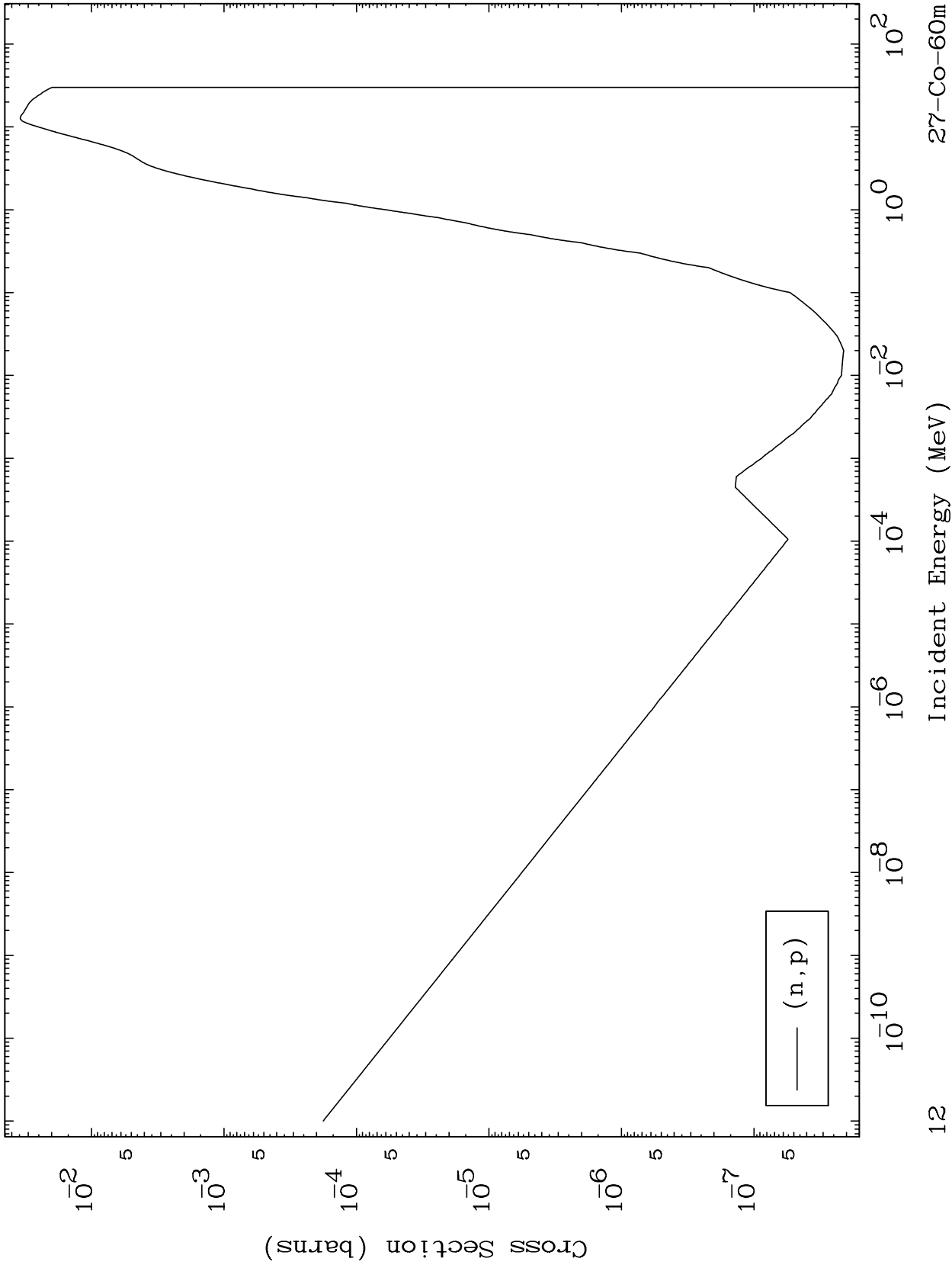
27-Co-60m



MAT 2729

(n,p) Levels  
293 Kelvin Cross Sections

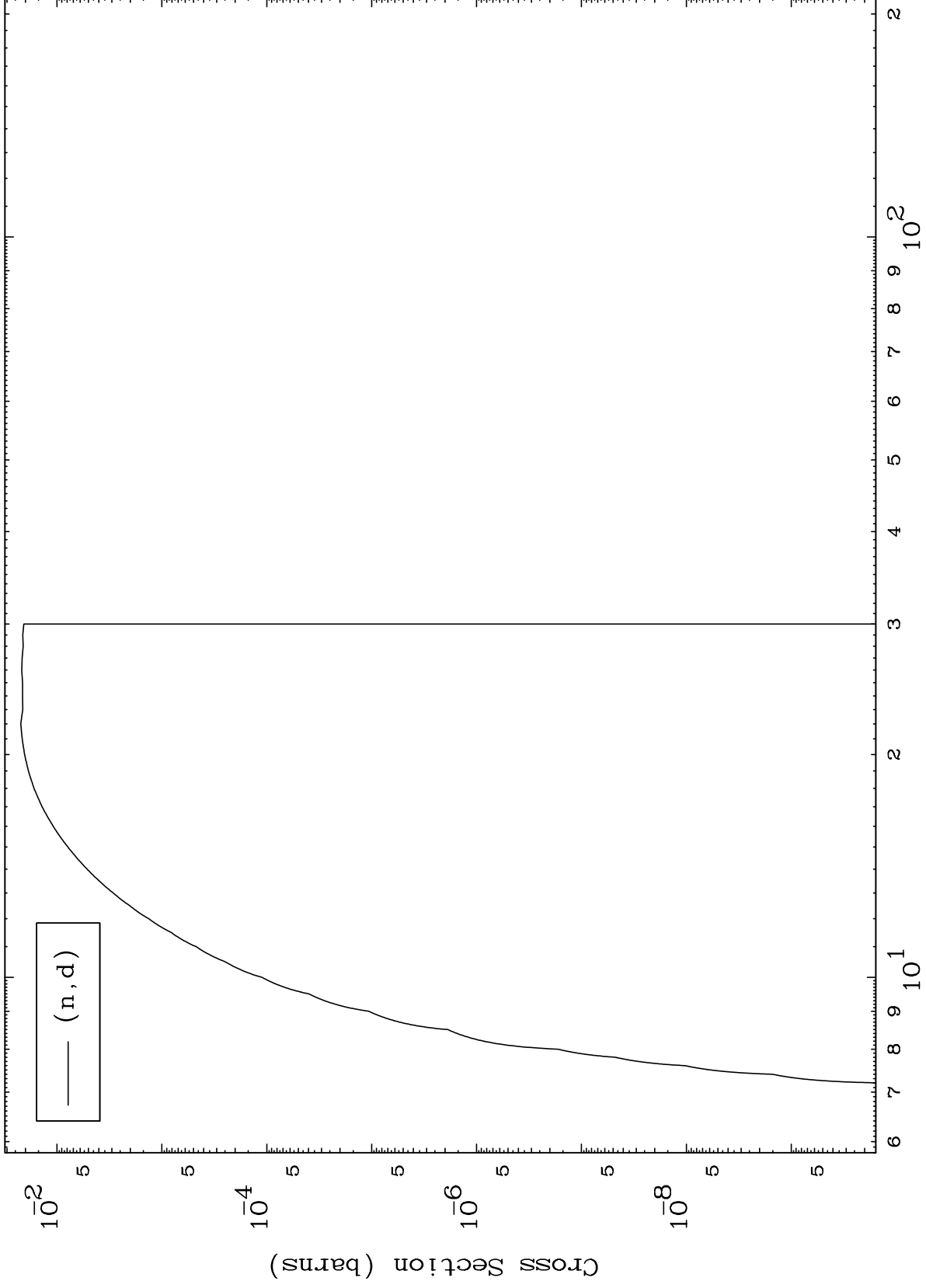
27-Co-60m



MAT 2729

(n,d) Levels  
293 Kelvin Cross Sections

27-Co-60m



13

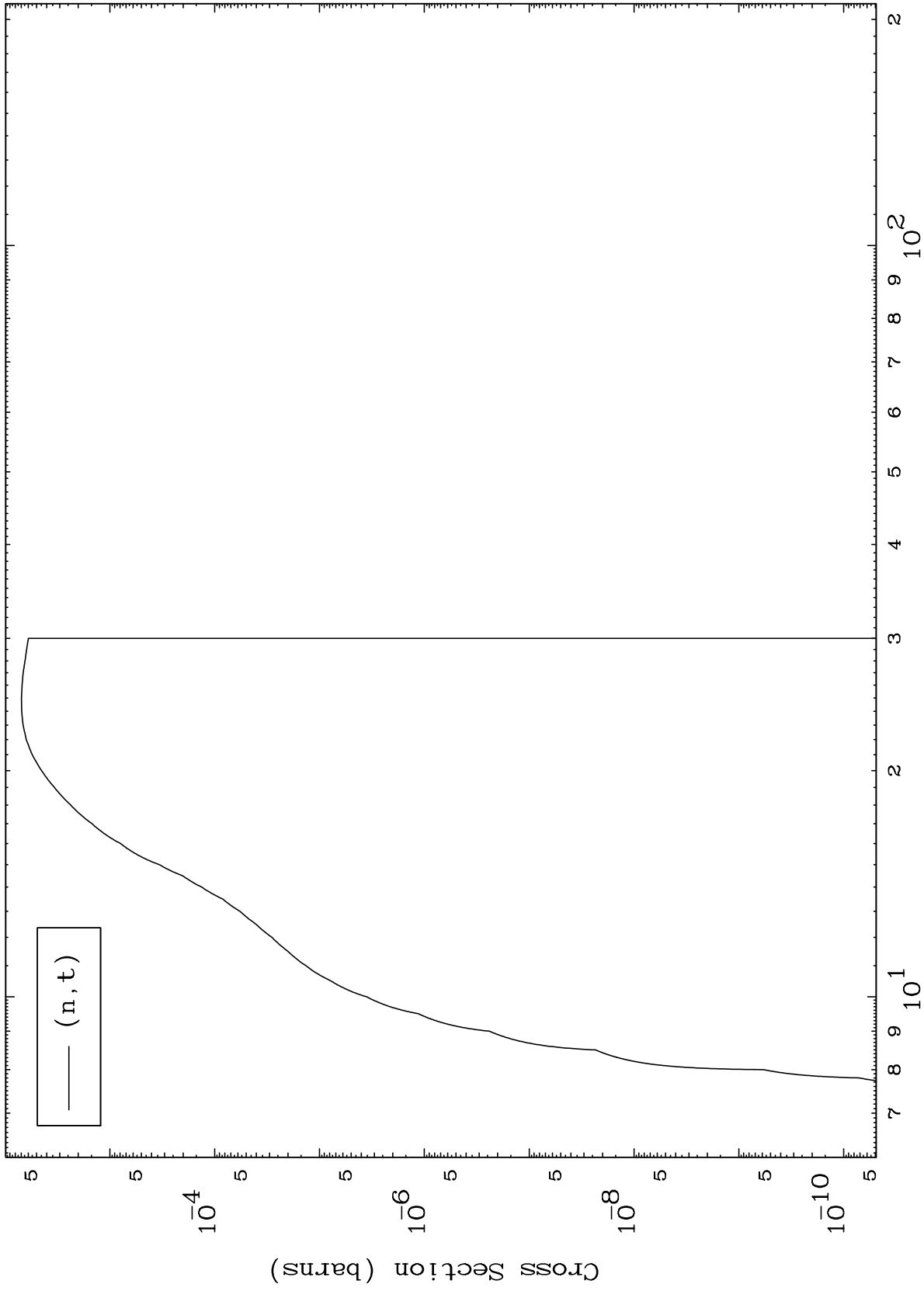
Incident Energy (MeV)

27-Co-60m

MAT 2729

(n, t) Levels  
293 Kelvin Cross Sections

27-Co-60m



14

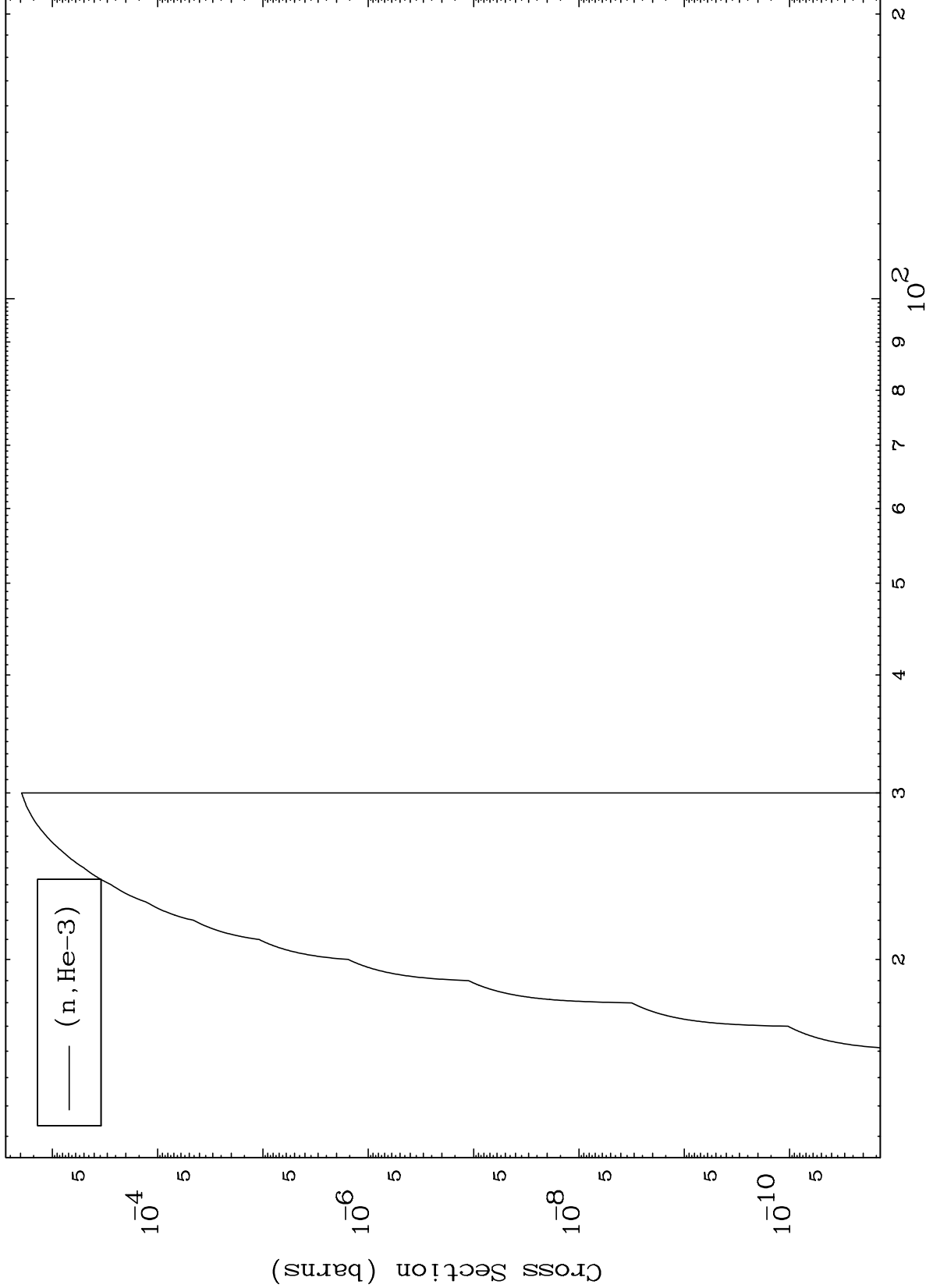
Incident Energy (MeV)

27-Co-60m

MAT 2729

(n,He3) Levels  
293 Kelvin Cross Sections

27-Co-60m



15

Incident Energy (MeV)

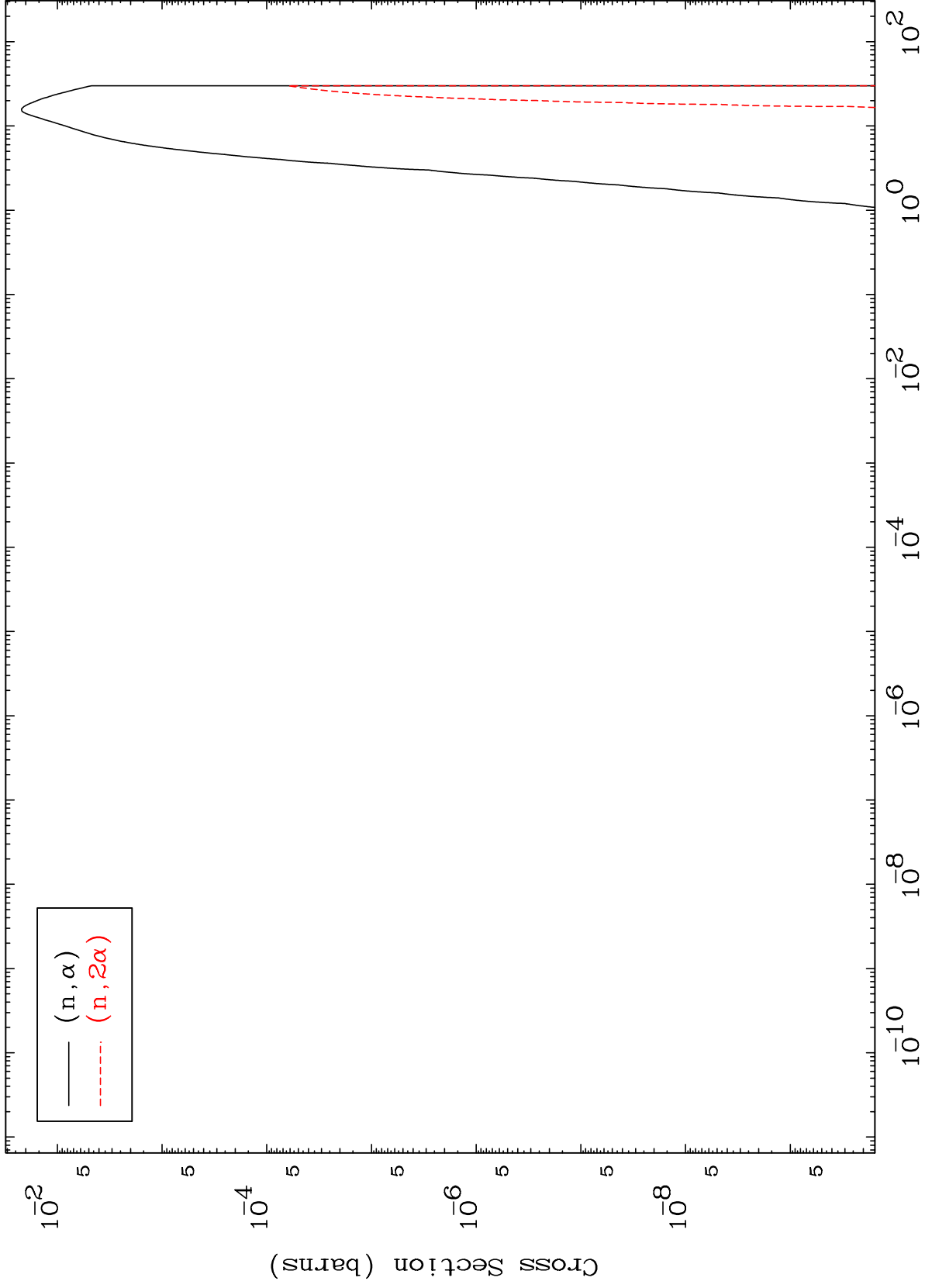
27-Co-60m



MAT 2729

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

27-Co-60m



16

Incident Energy (MeV)

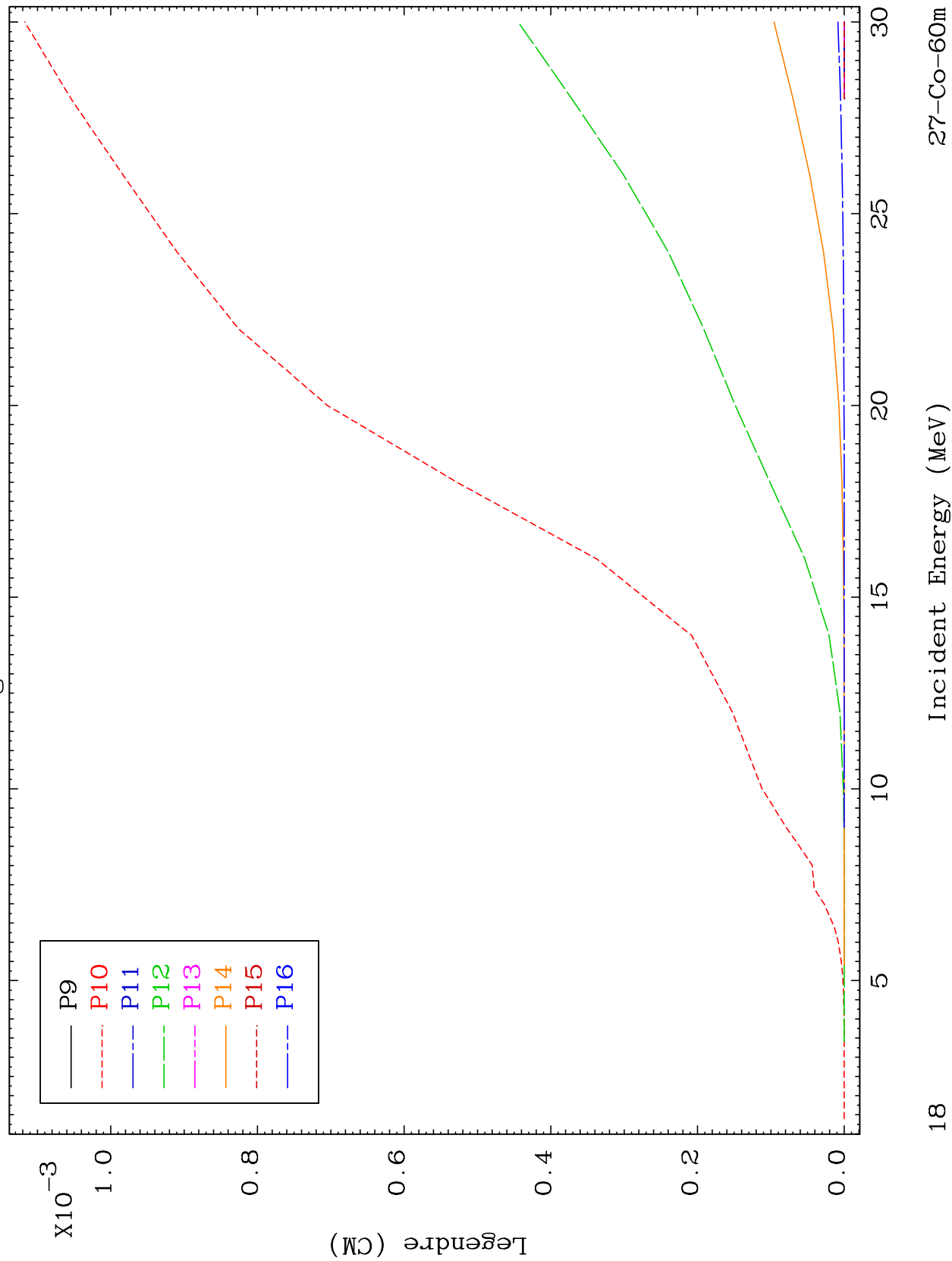
27-Co-60m



MAT 2729

Elastic Legendre Coefficients

27-Co-60m



18

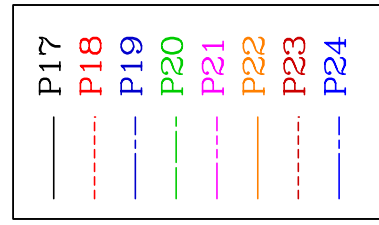
27-Co-60m

Incident Energy (MeV)

MAT 2729

Elastic  
Legendre Coefficients

27-Co-60m



$\times 10^{-6}$

Legendre (CM)

4

2

0

15

20

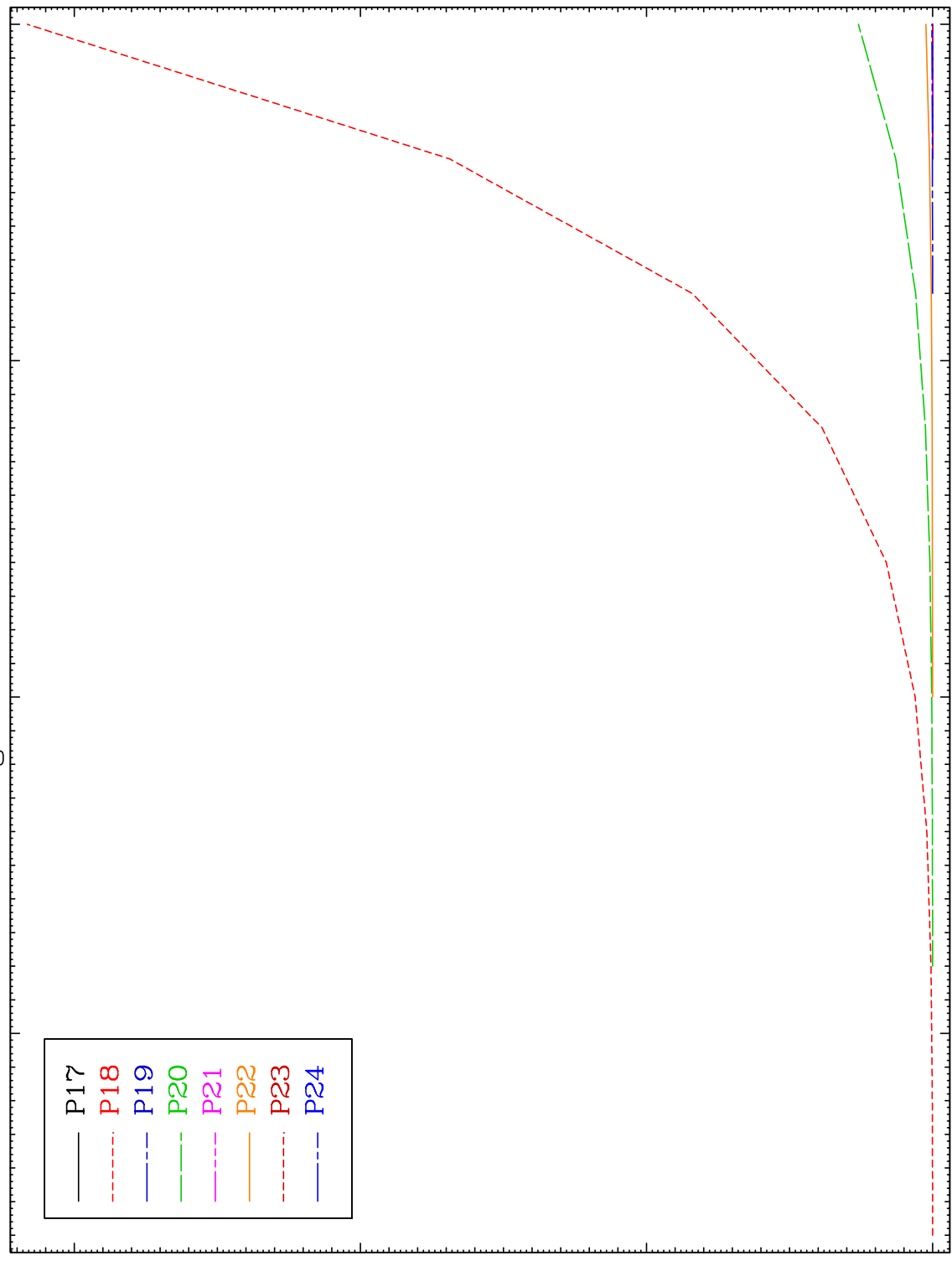
25

30

19

Incident Energy (MeV)

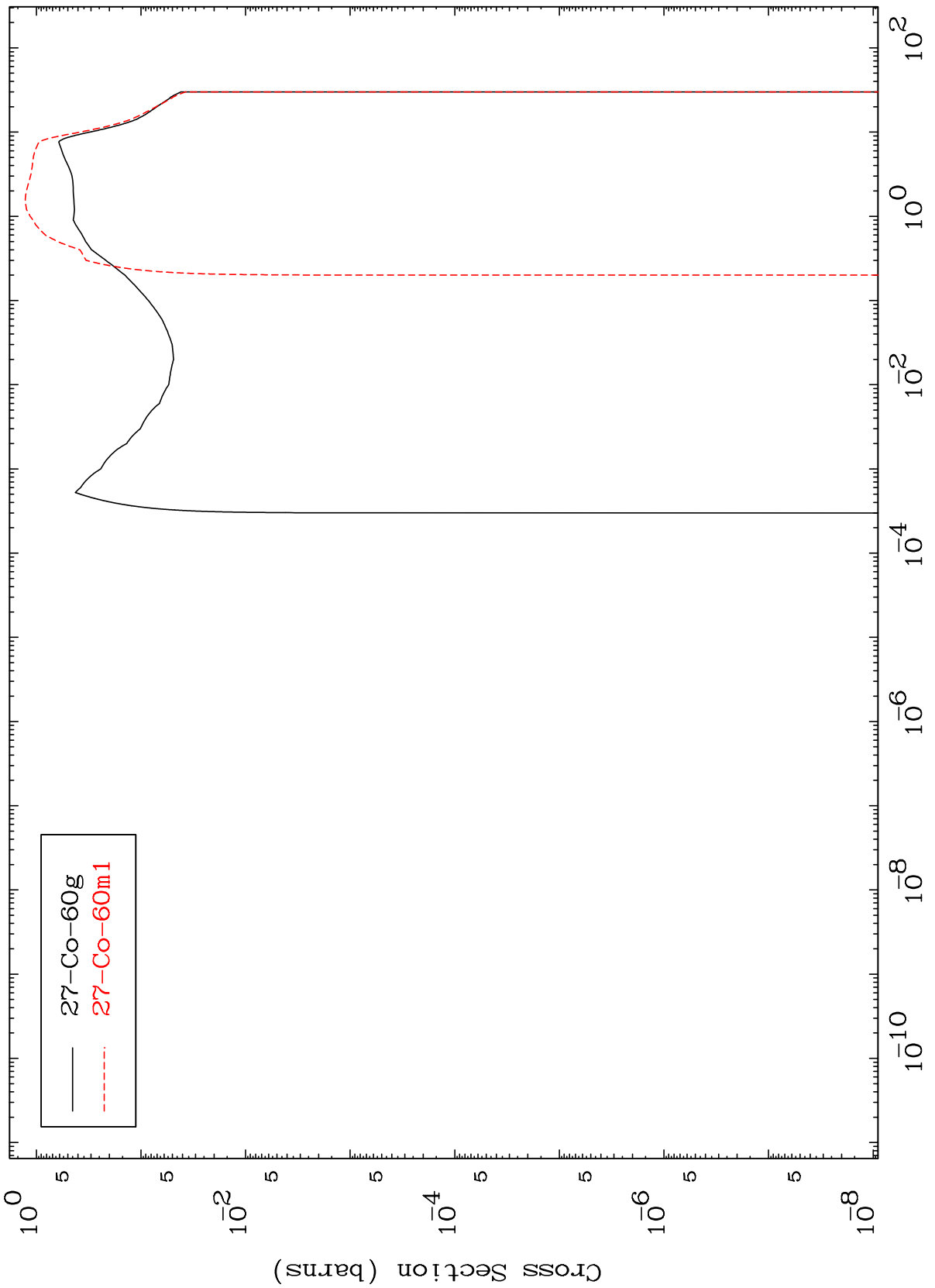
27-Co-60m



MAT 2729

<sup>27</sup>Co-60m

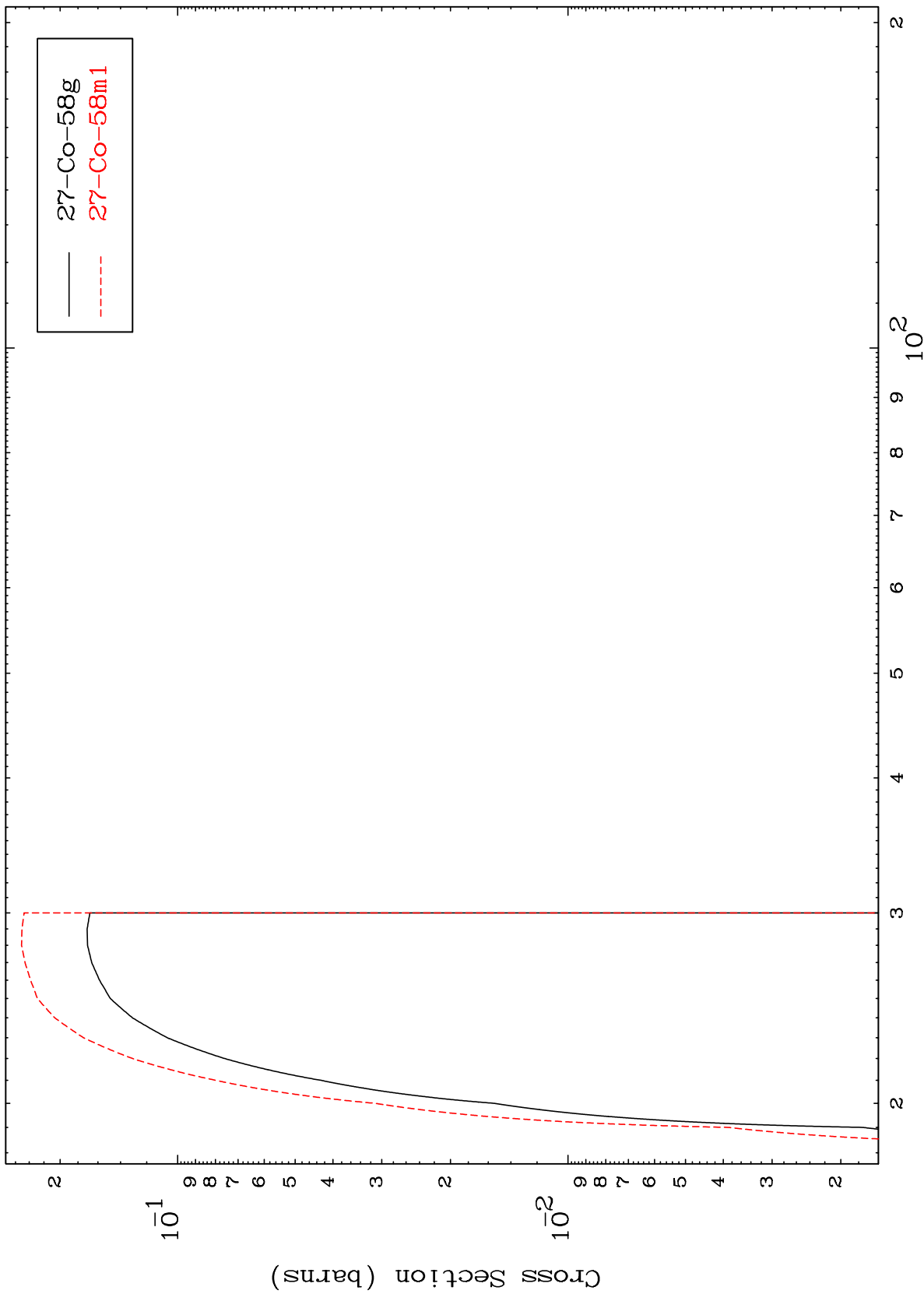
Inelastic  
Radionuclide Production Cross Section



MAT 2729

27-Co-60m

(n,3n)  
Radionuclide Production Cross Section



27-Co-60m

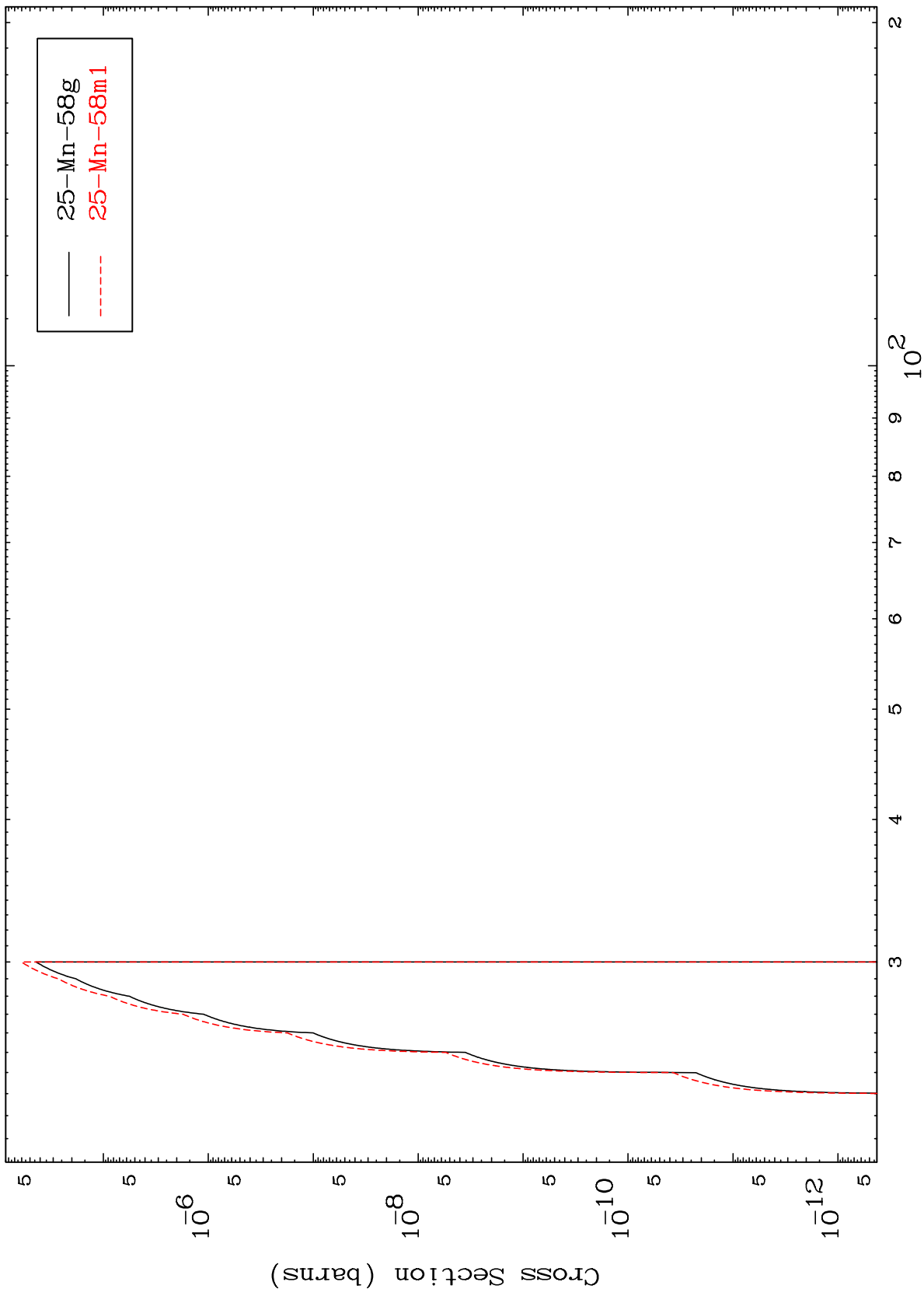
Incident Energy (MeV)

21

MAT 2729

27-Co-60m

(n,2n) p  
Radionuclide Production Cross Section



27-Co-60m

Incident Energy (MeV)

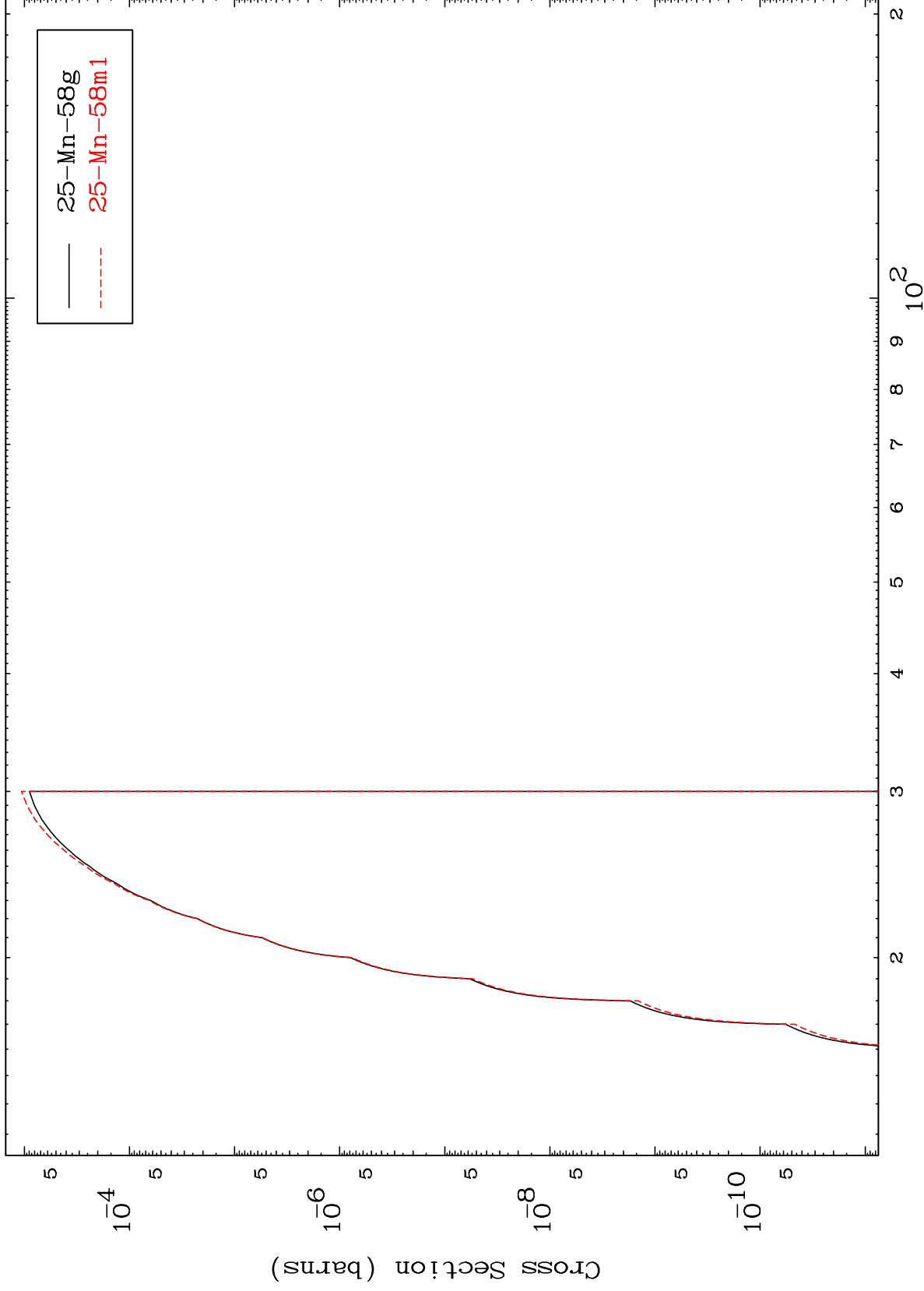
22

MAT 2729

(n,He-3)

27-Co-60m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

27-Co-60m

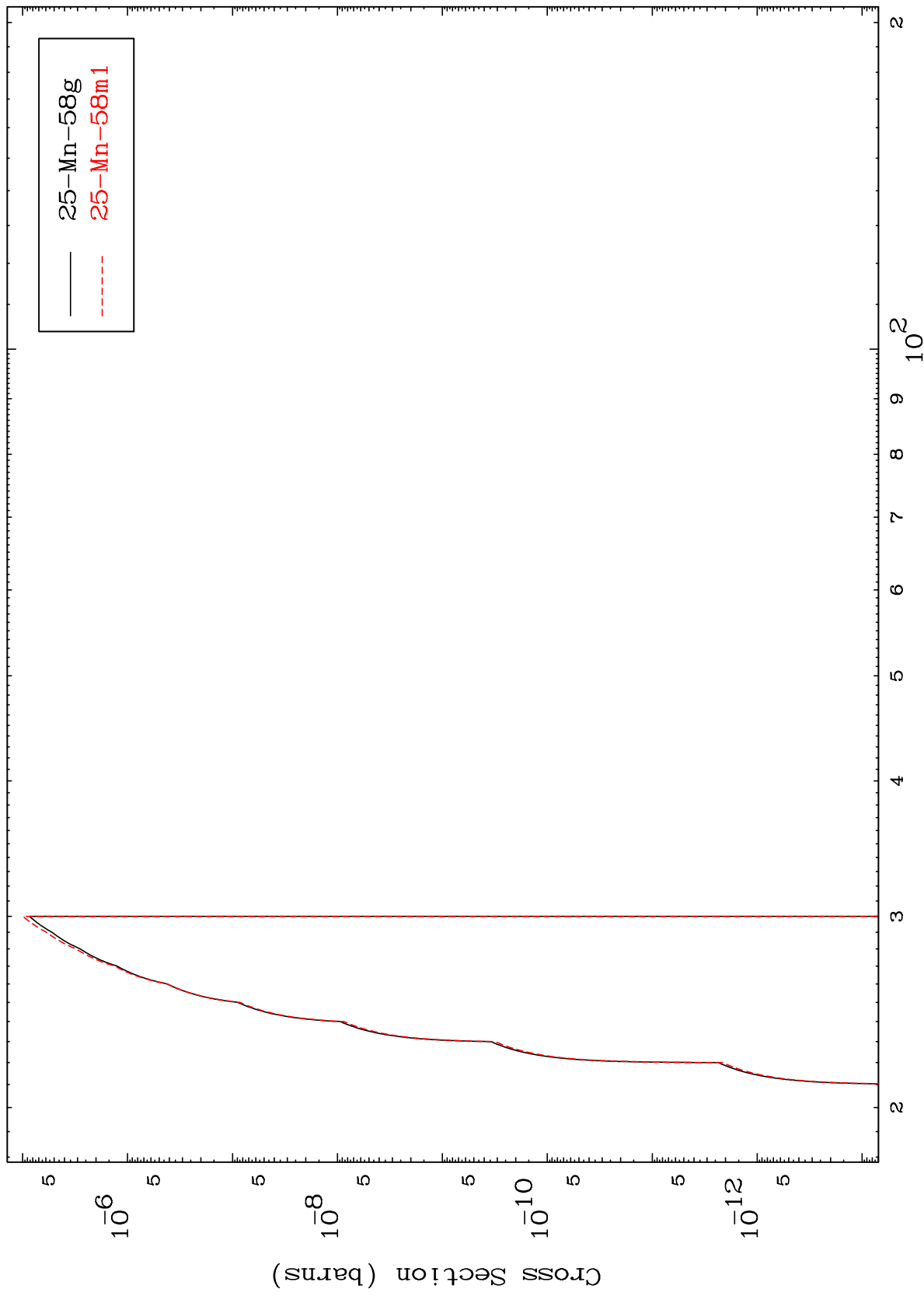


MAT 2729

(n,p) d

27-Co-60m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

27-Co-60m