

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

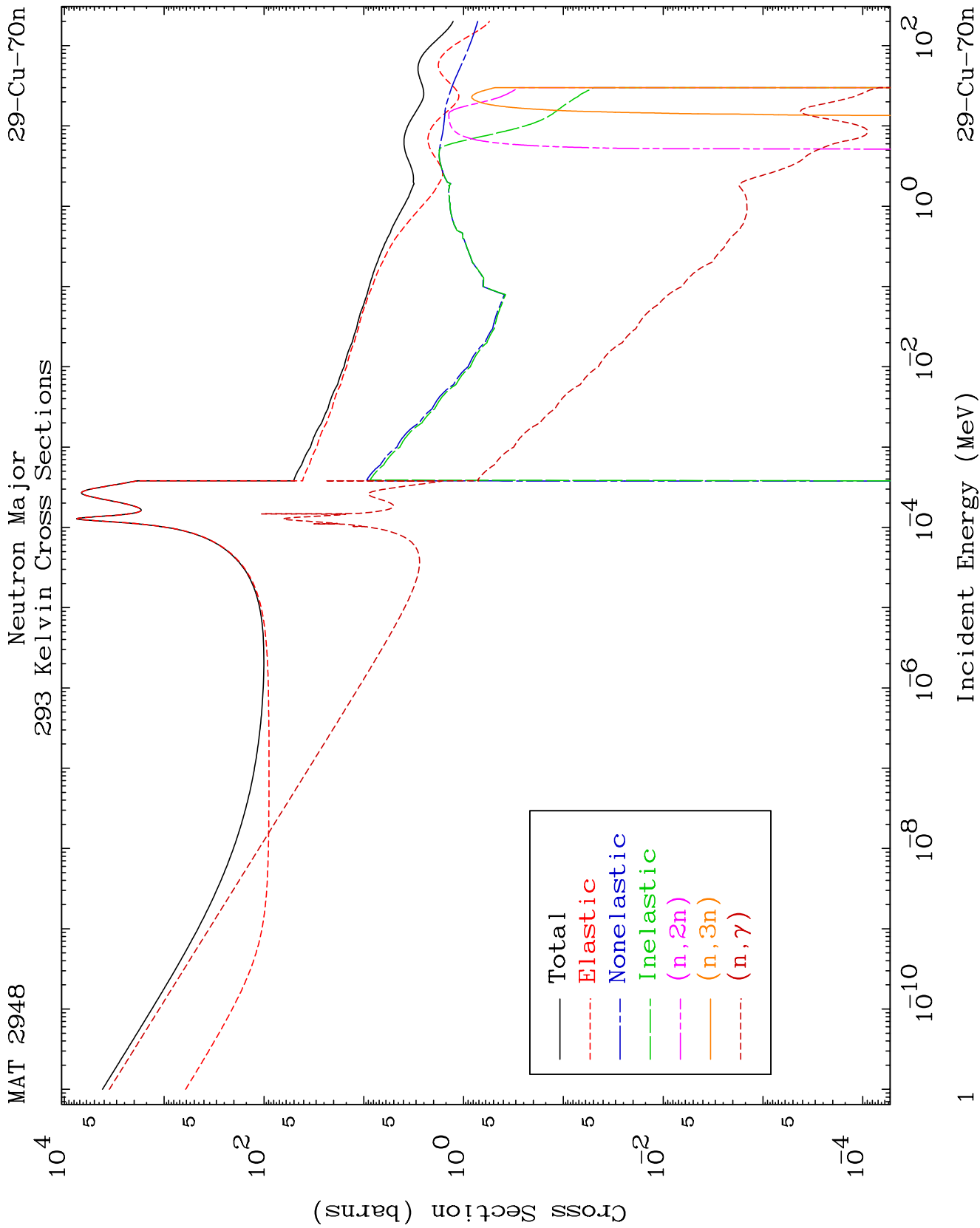
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

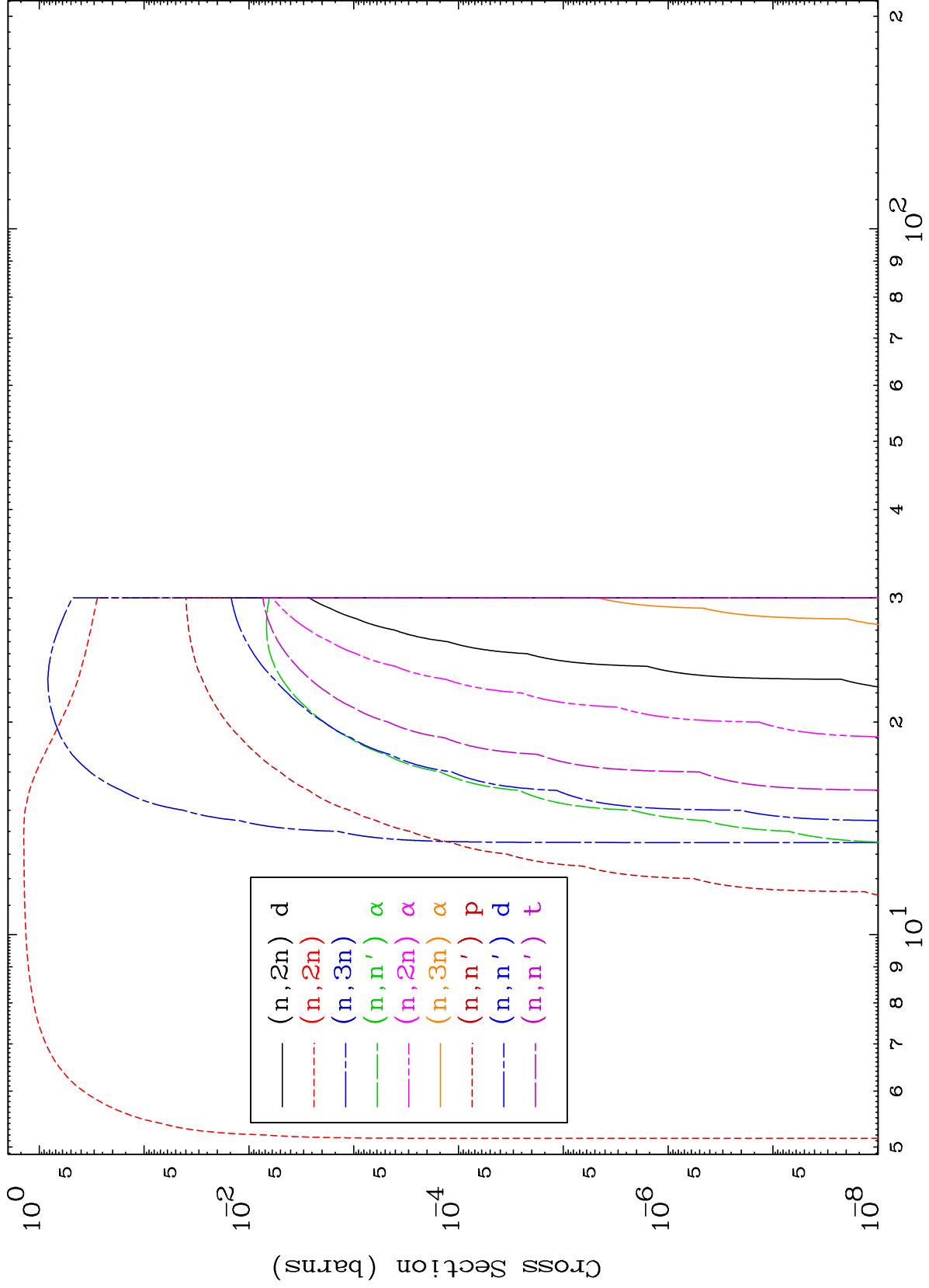
Press Mouse Button to Start



MAT 2948

Neutron Absorption  
293 Kelvin Cross Sections

29-Cu-70n



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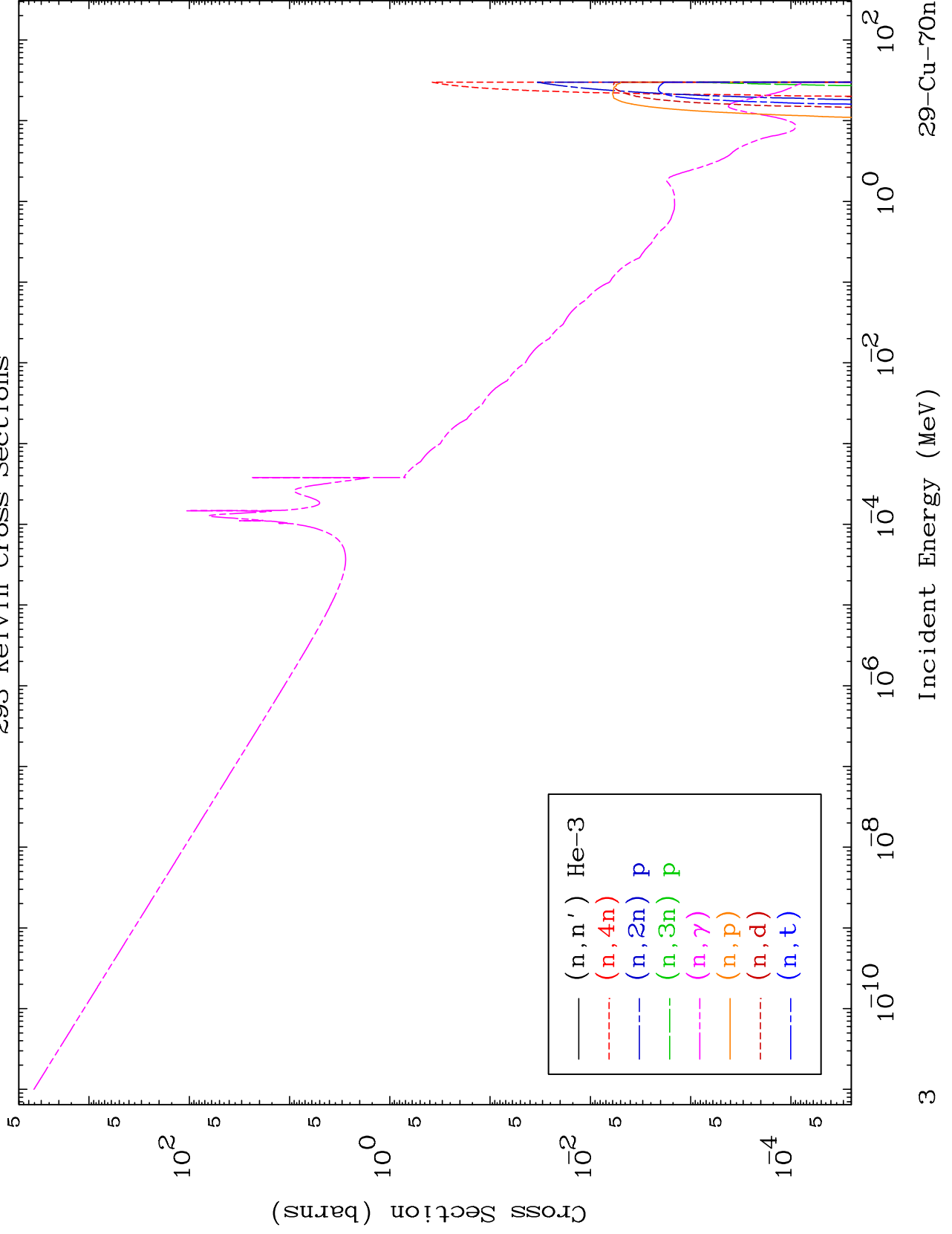
Incident Energy (MeV)

29-Cu-70n

MAT 2948

Neutron Absorption  
293 Kelvin Cross Sections

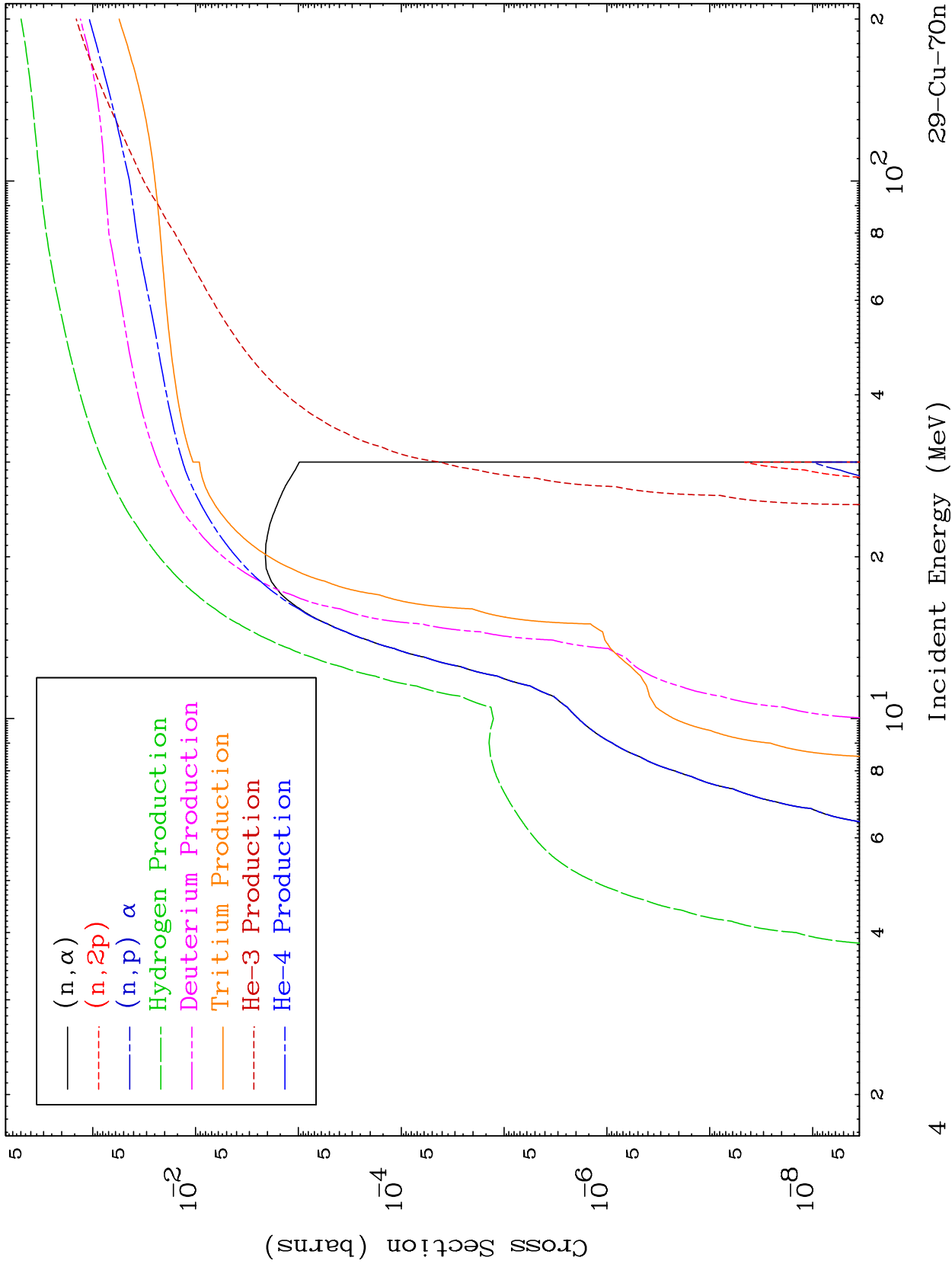
29-Cu-70n



MAT 2948

Neutron Absorption  
293 Kelvin Cross Sections

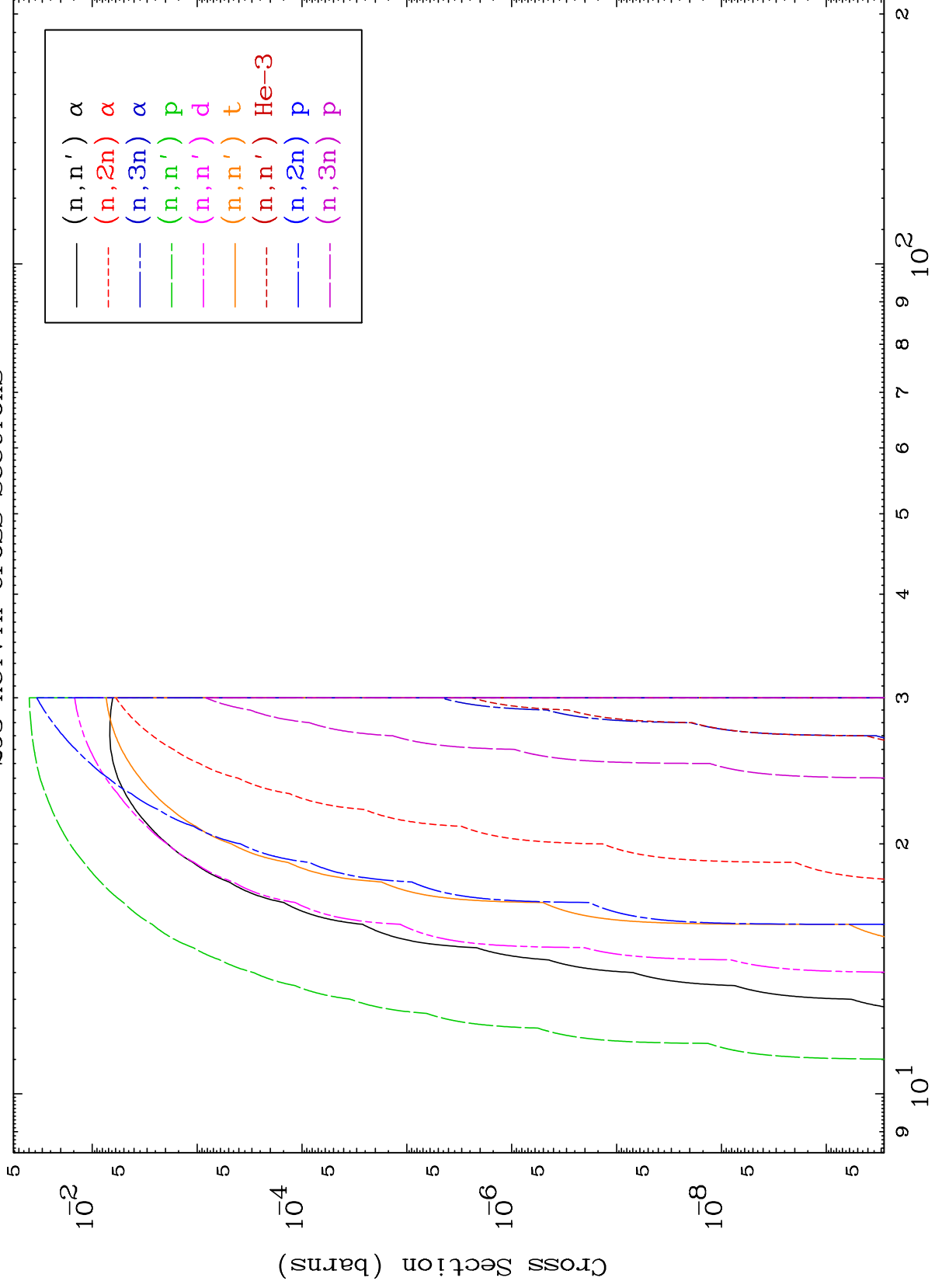
29-Cu-70n



MAT 2948

Charged Particle  
293 Kelvin Cross Sections

29-Cu-70n



29-Cu-70n

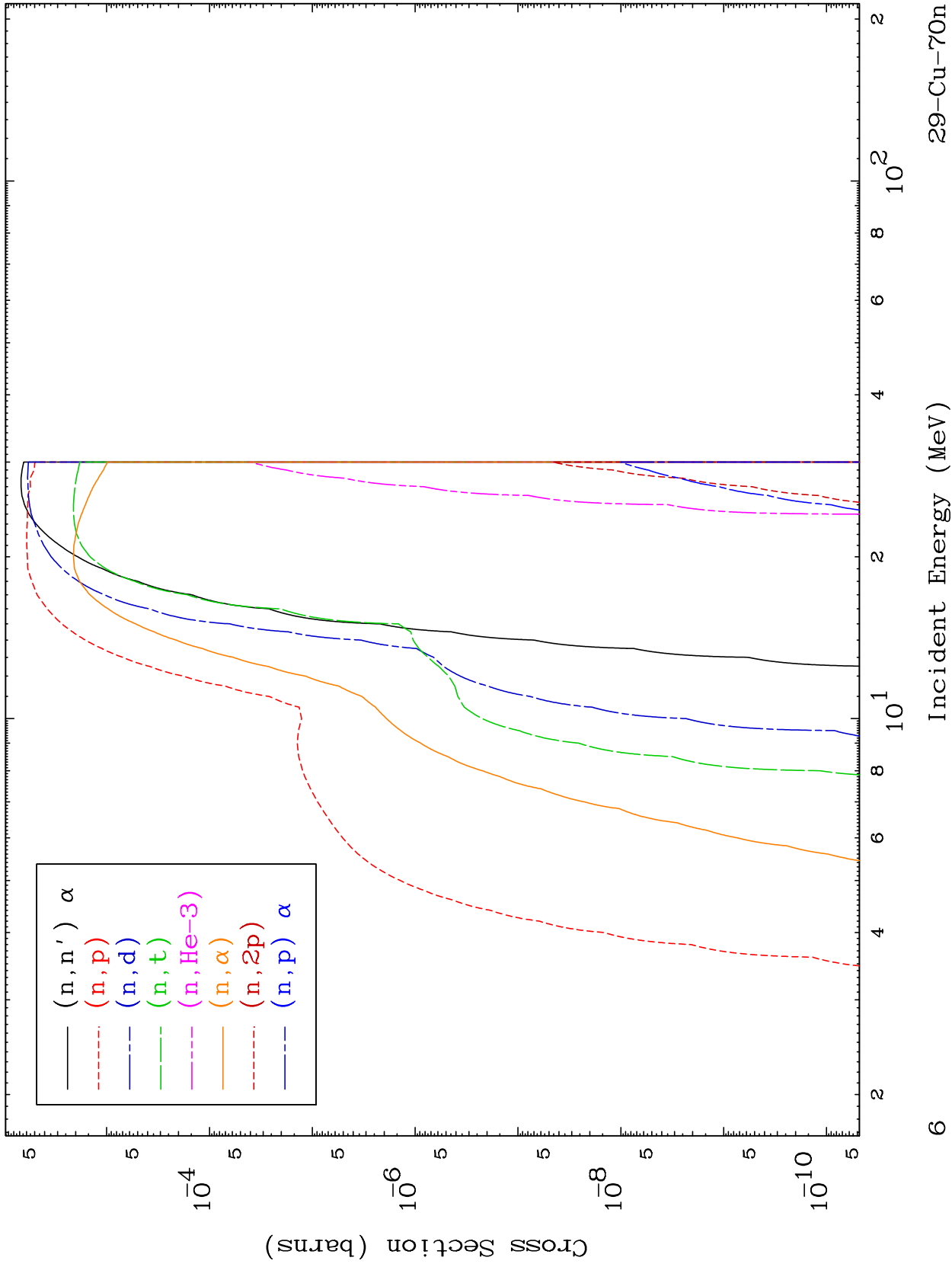
Incident Energy (MeV)

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MAT 2948

Charged Particle  
293 Kelvin Cross Sections

29-Cu-70n



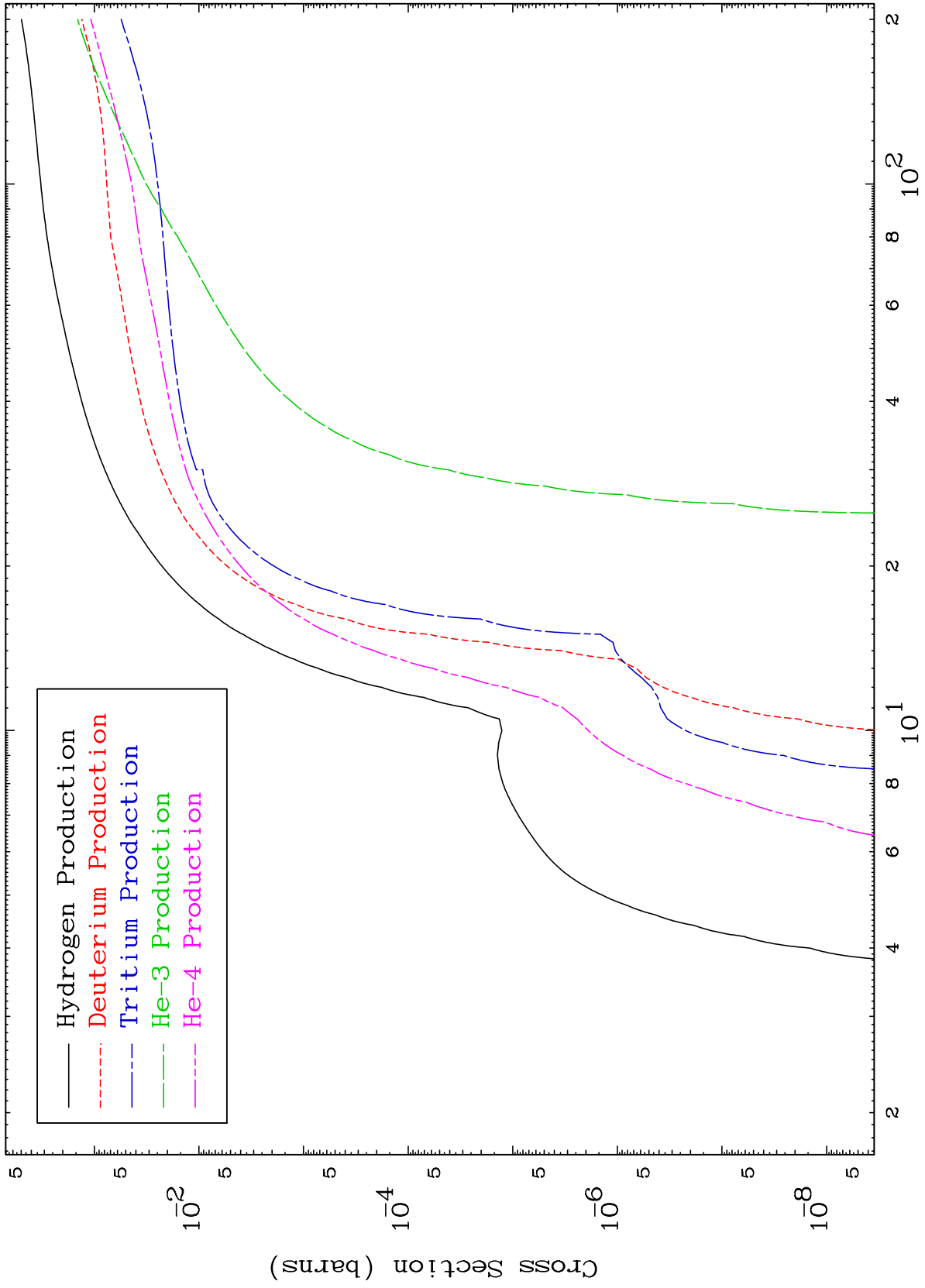
6

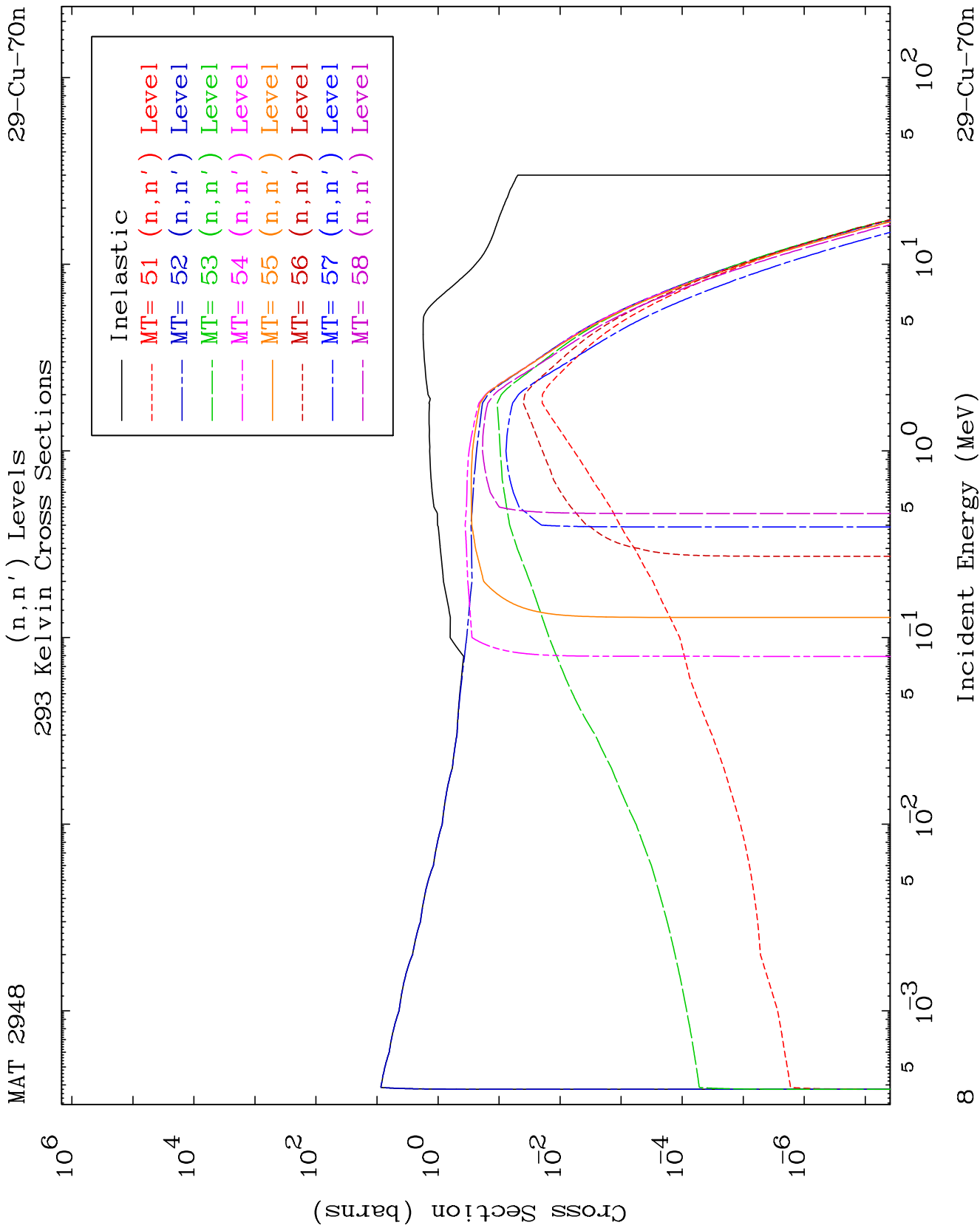
29-Cu-70n

MAT 2948

Particle Production  
293 Kelvin Cross Sections

29-Cu-70n

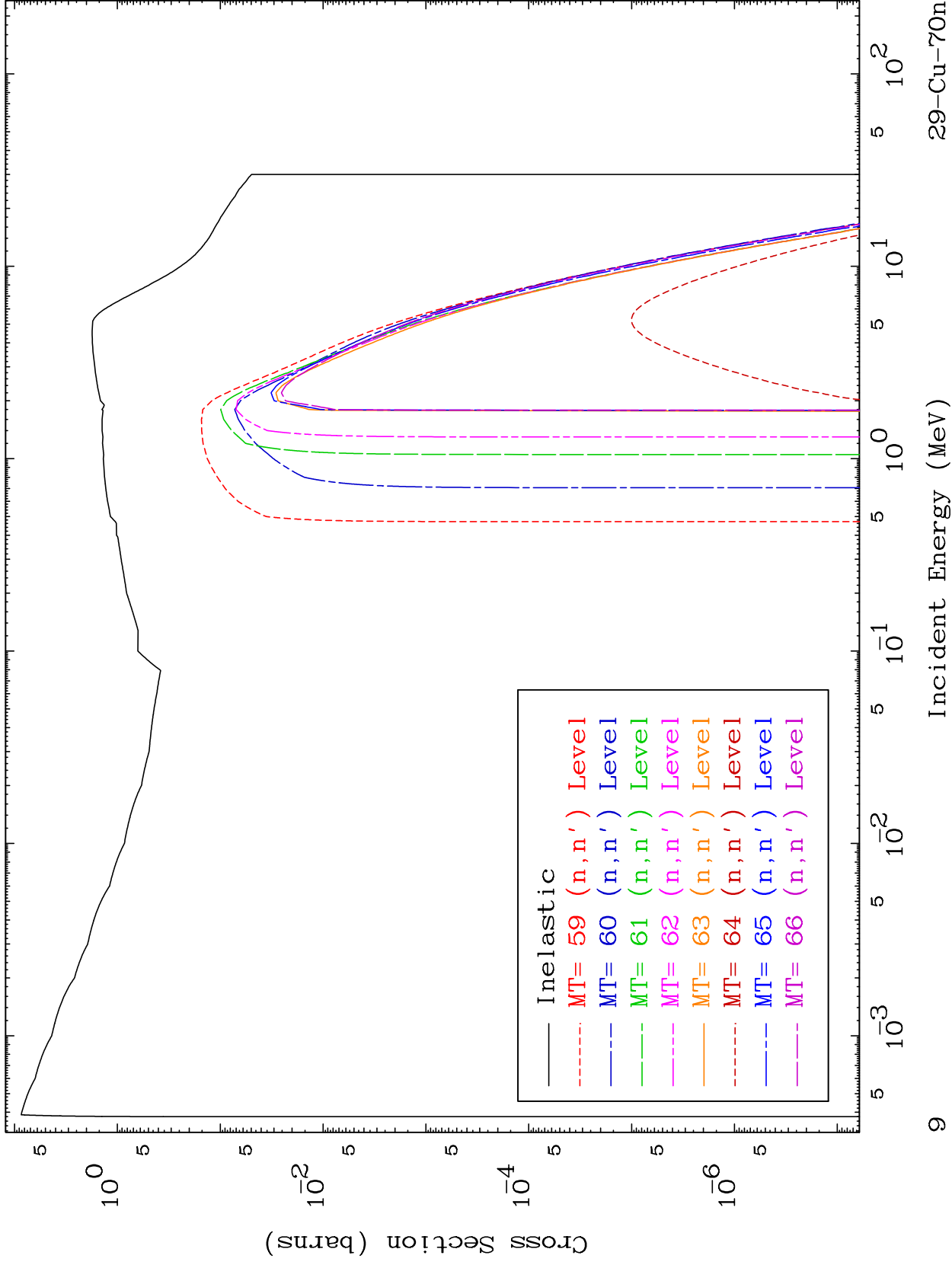




MAT 2948

293 Kelvin Cross Sections  
(n,n') Levels

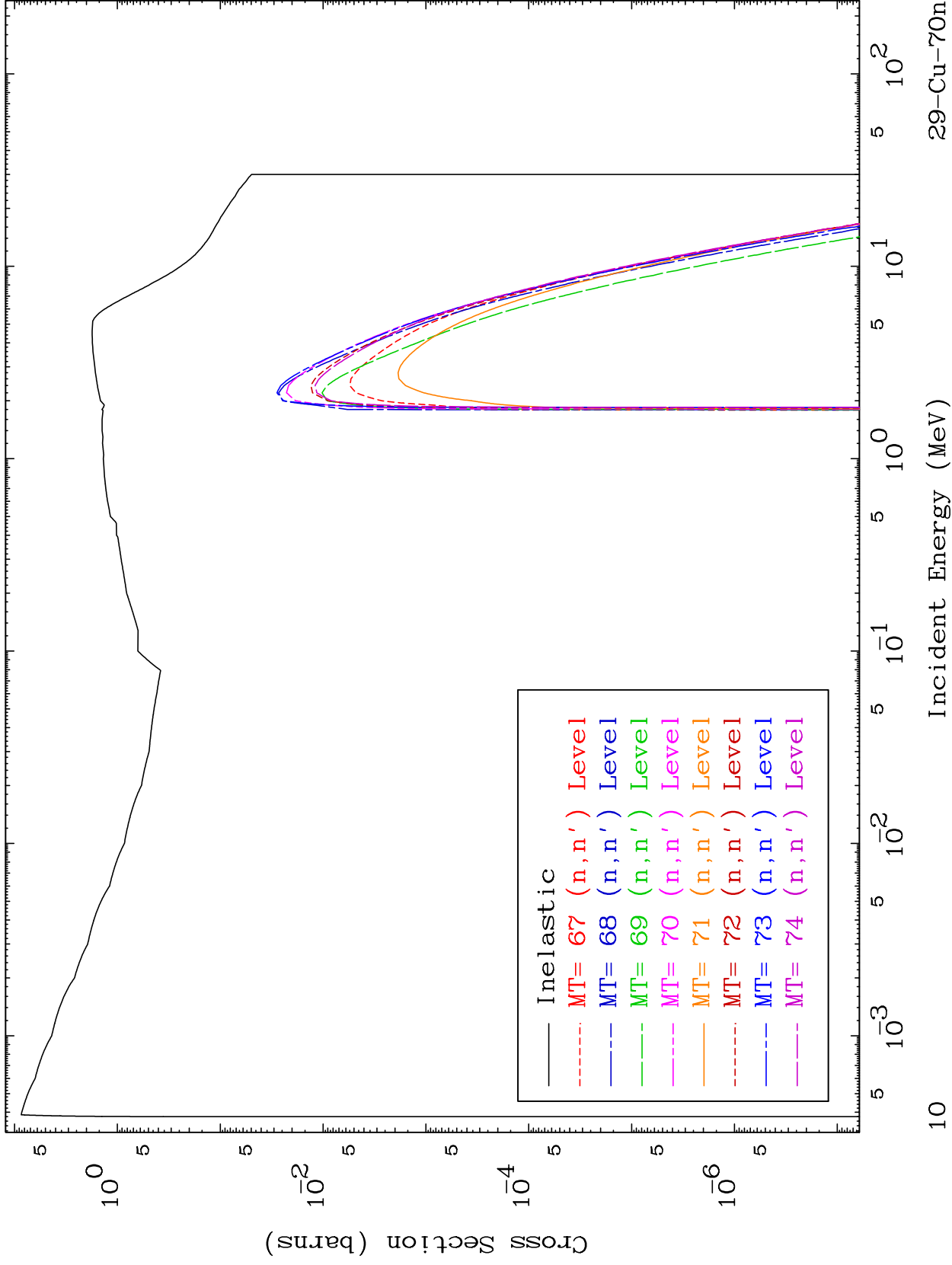
29-Cu-70n



MAT 2948

(n,n') Levels  
293 Kelvin Cross Sections

29-Cu-70n



10

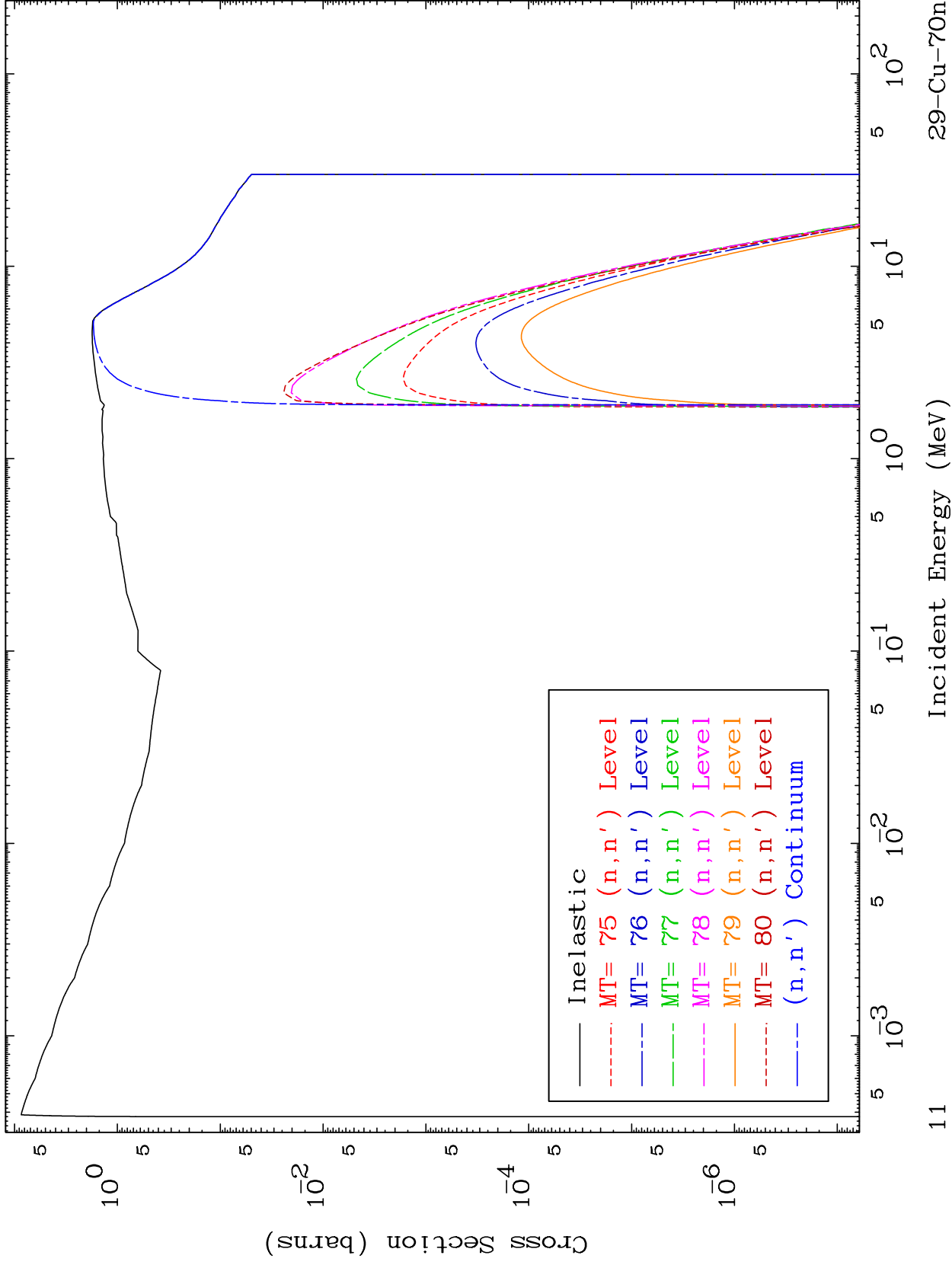
Incident Energy (MeV)

29-Cu-70n

MAT 2948

(n,n') Levels  
293 Kelvin Cross Sections

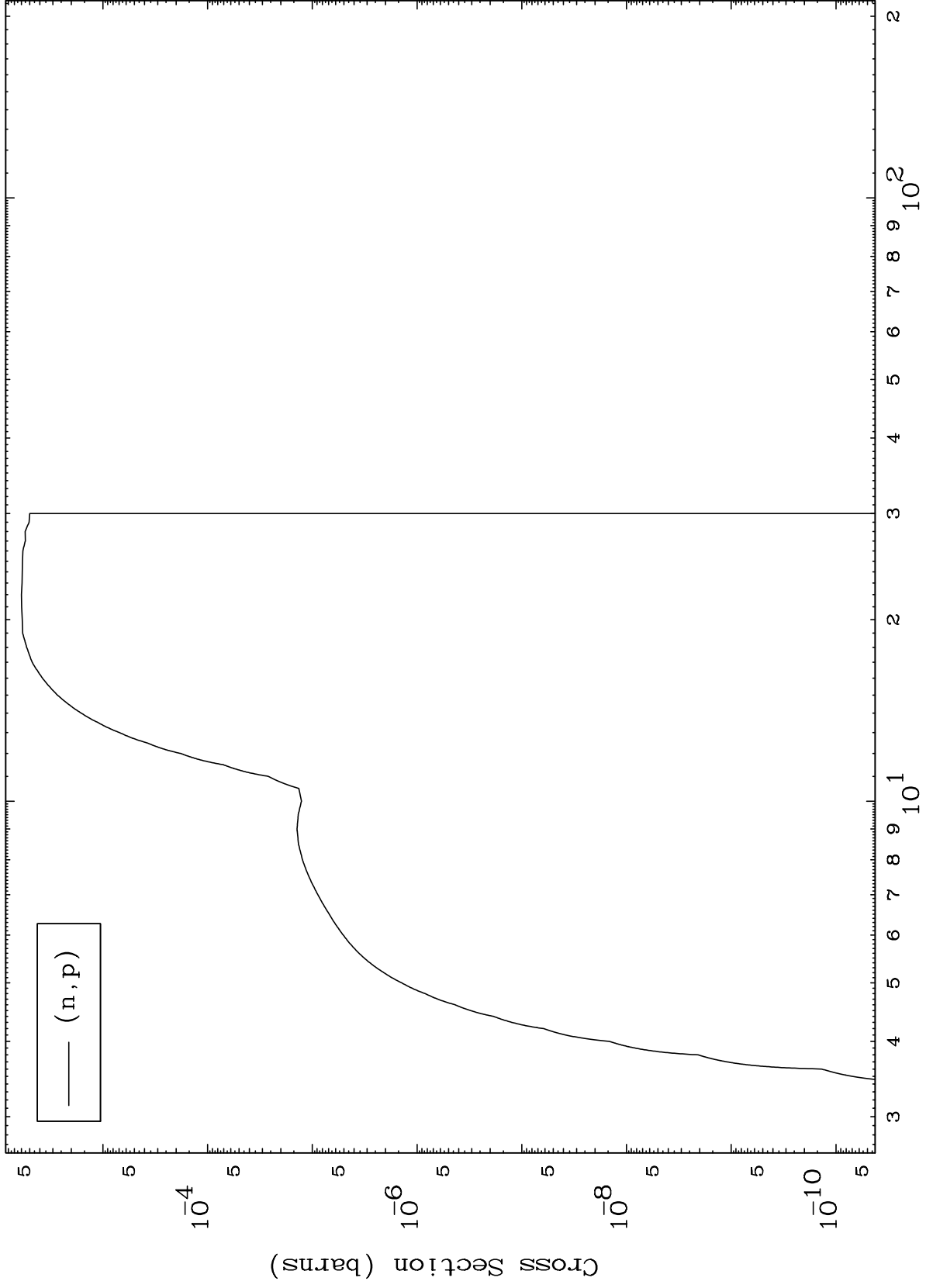
29-Cu-70n



MAT 2948

(n,p) Levels  
293 Kelvin Cross Sections

29-Cu-70n



12

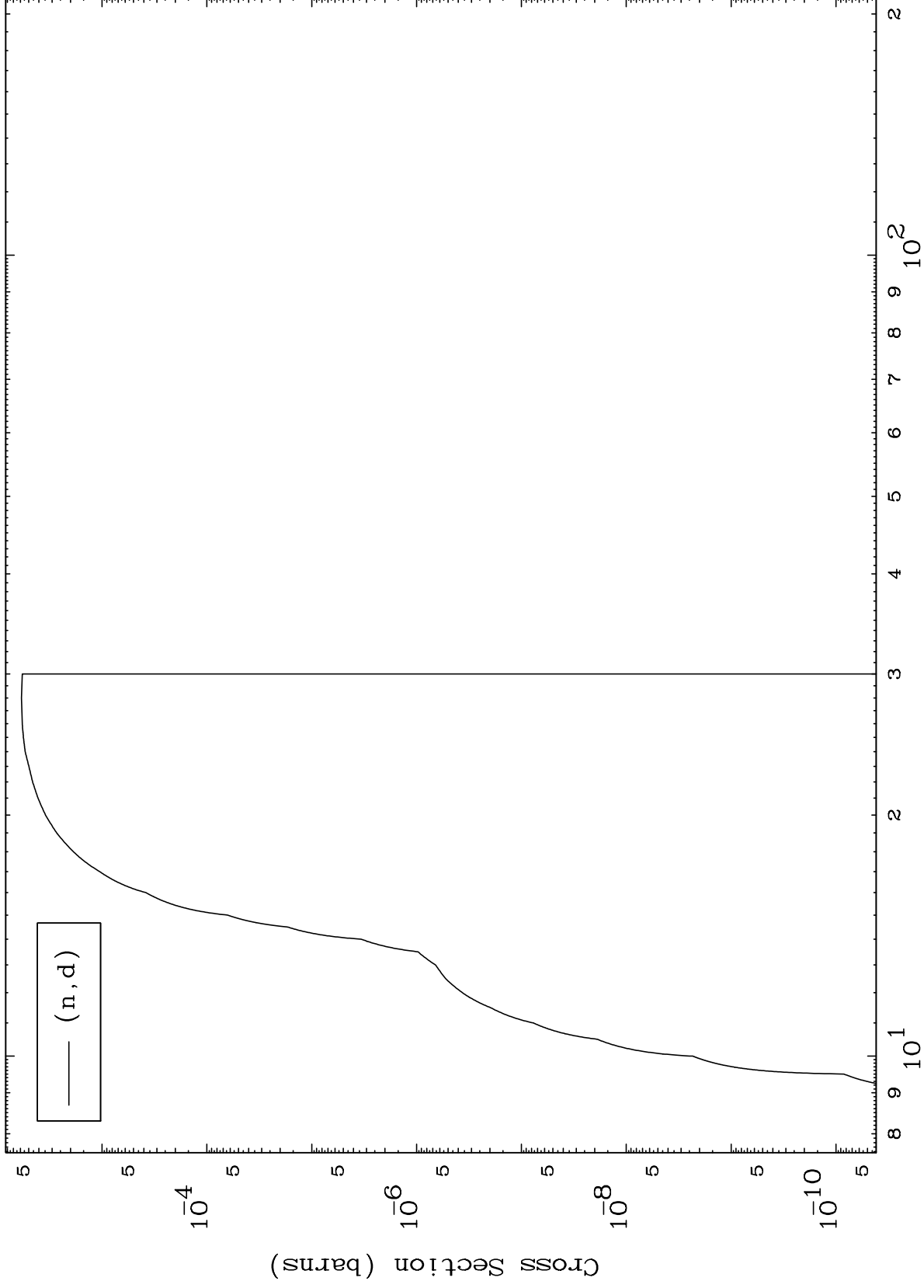
Incident Energy (MeV)

29-Cu-70n

MAT 2948

(n,d) Levels  
293 Kelvin Cross Sections

29-Cu-70n



13

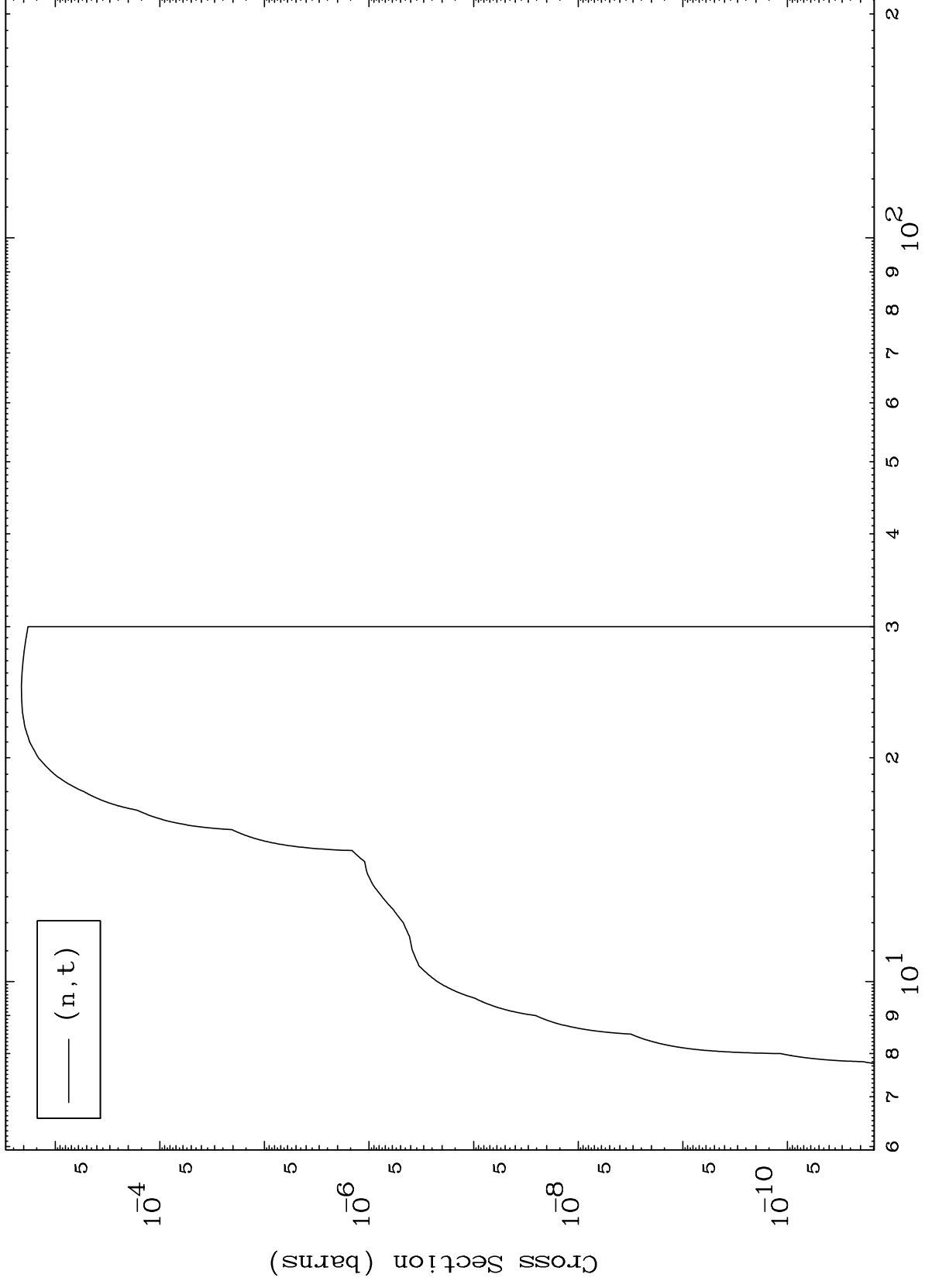
Incident Energy (MeV)

29-Cu-70n

MAT 2948

(n,t) Levels  
293 Kelvin Cross Sections

29-Cu-70n



14

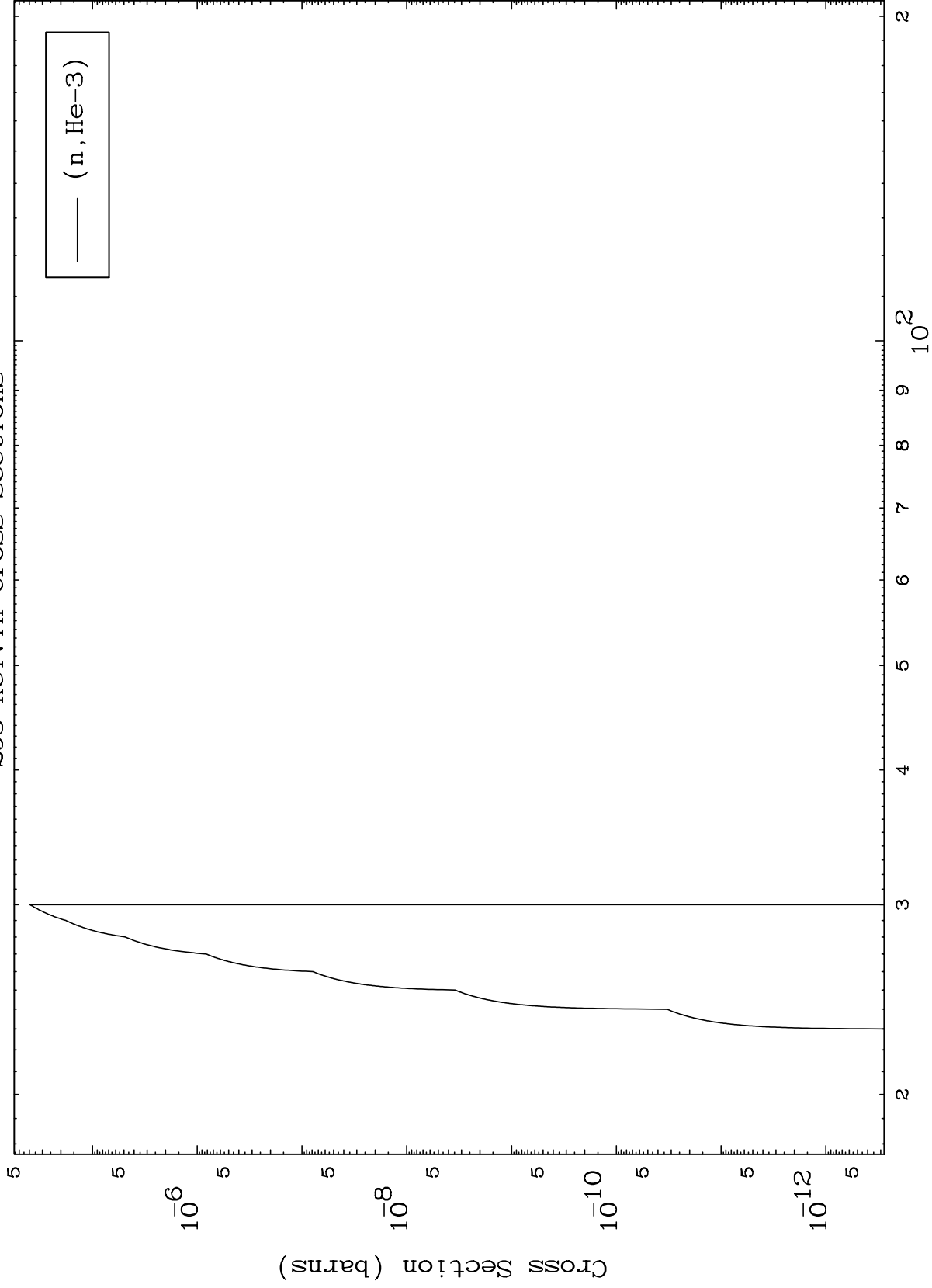
Incident Energy (MeV)

29-Cu-70n

MAT 2948

(n,He3) Levels  
293 Kelvin Cross Sections

29-Cu-70n



15

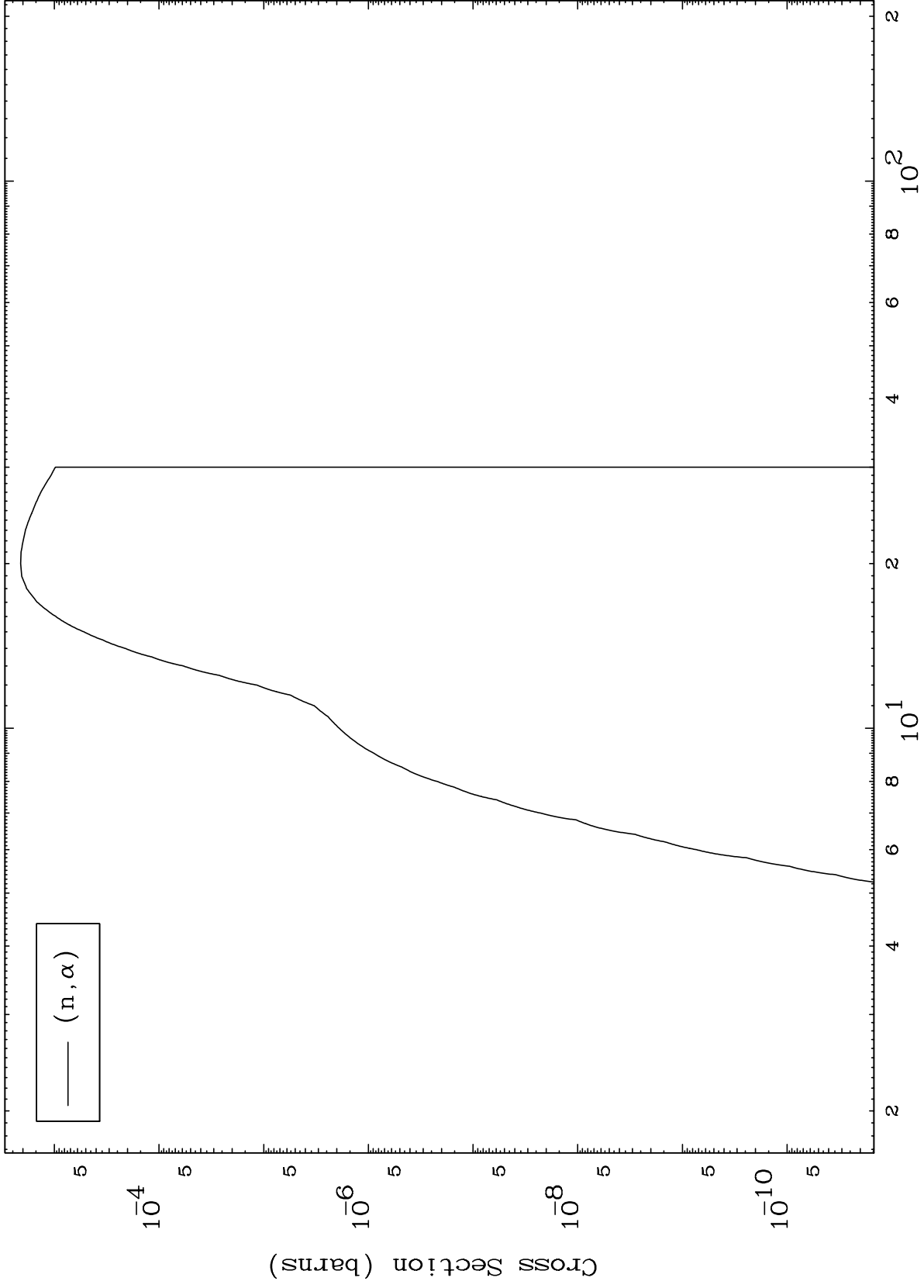
Incident Energy (MeV)

29-Cu-70n

MAT 2948

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

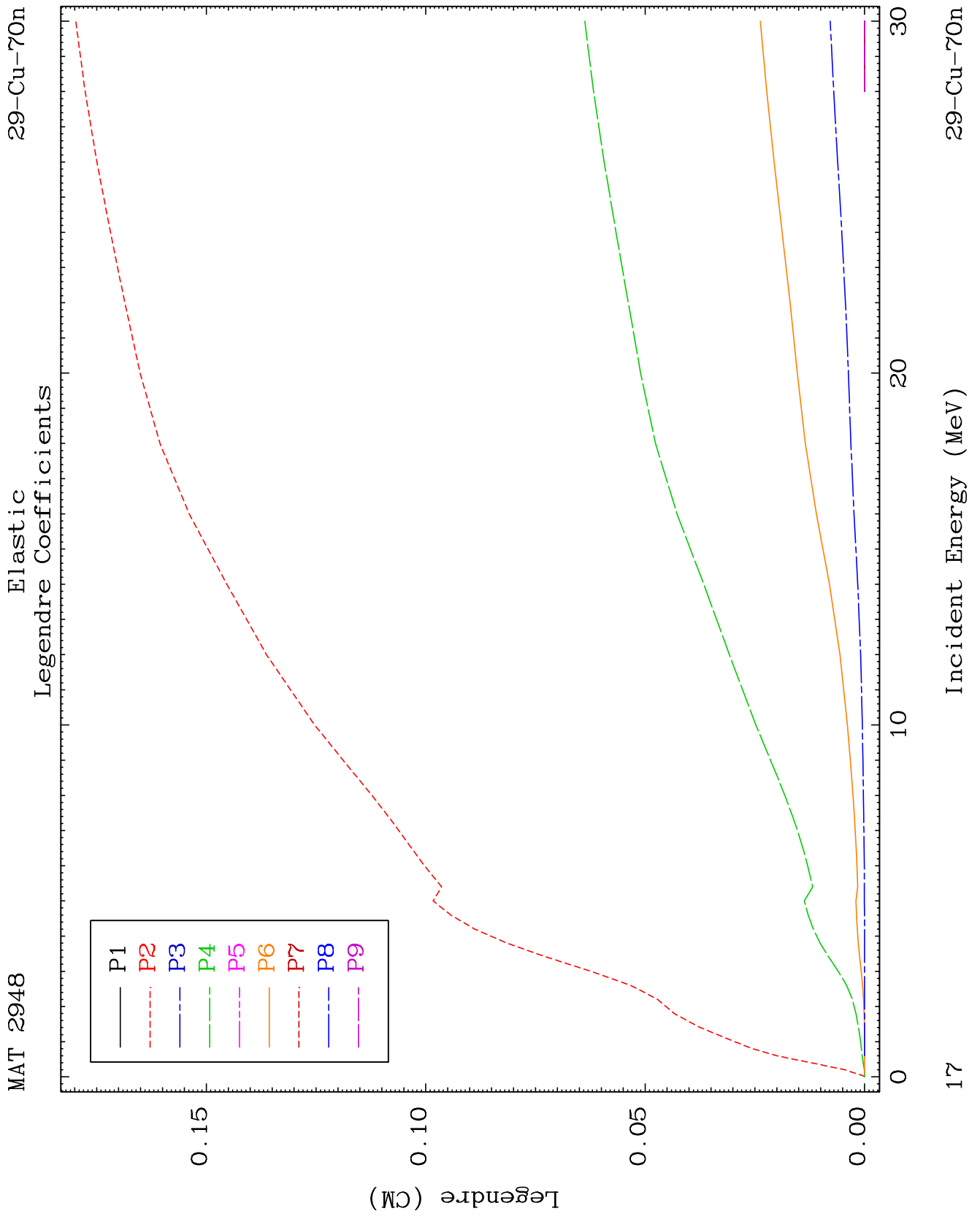
29-Cu-70n



16

Incident Energy (MeV)

29-Cu-70n



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Elastic Legendre Coefficients

29-Cu-70n

17

Incident Energy (MeV)

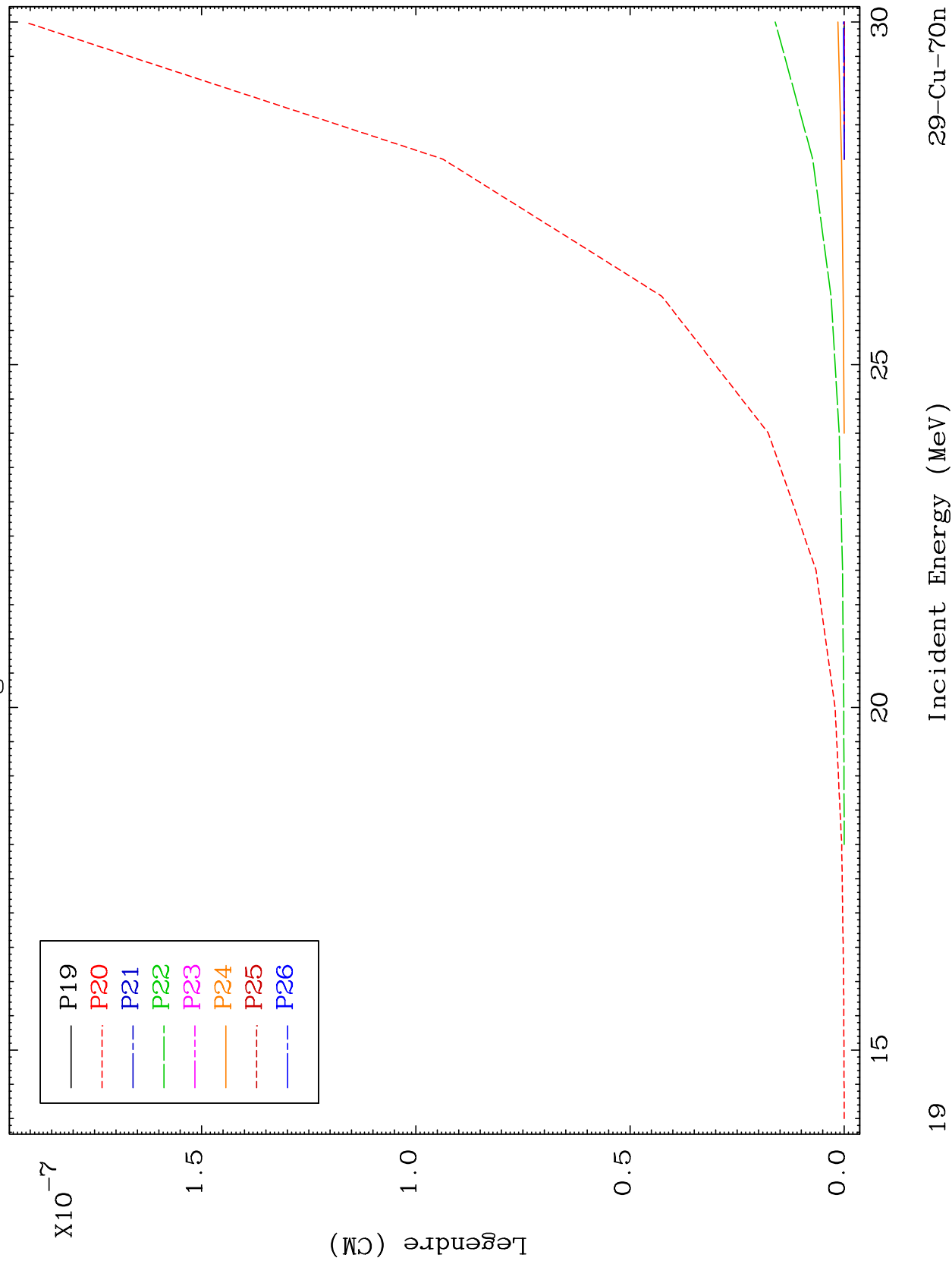
29-Cu-70n



MAT 2948

Elastic Legendre Coefficients

29-Cu-70n



19

Incident Energy (MeV)

29-Cu-70n

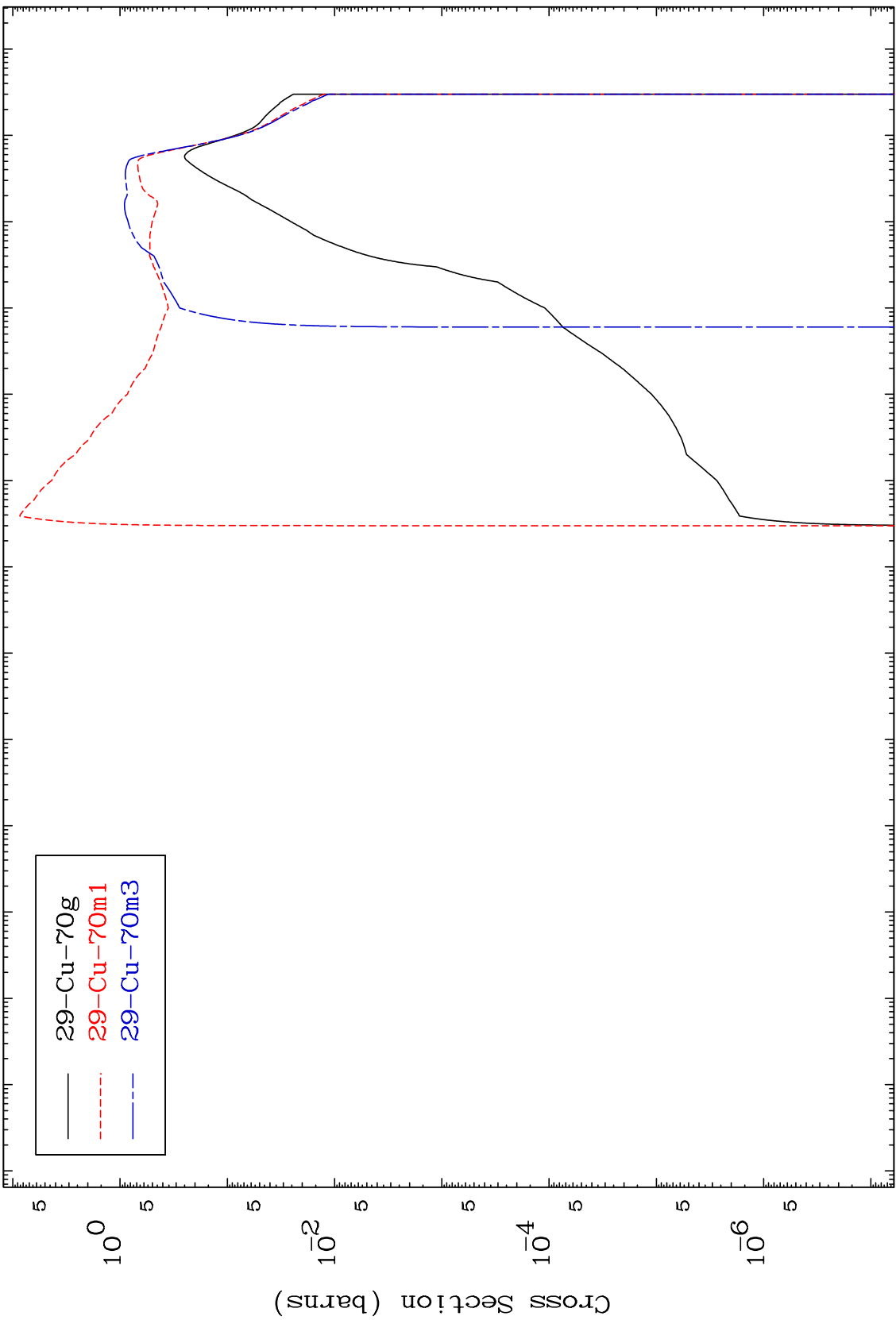
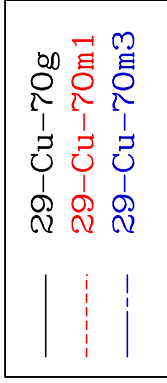
MAT 2948

<sup>29</sup>Cu-70n

Inelastic  
Radionuclide Production Cross Section

Incident Energy (MeV)

<sup>29</sup>Cu-70n



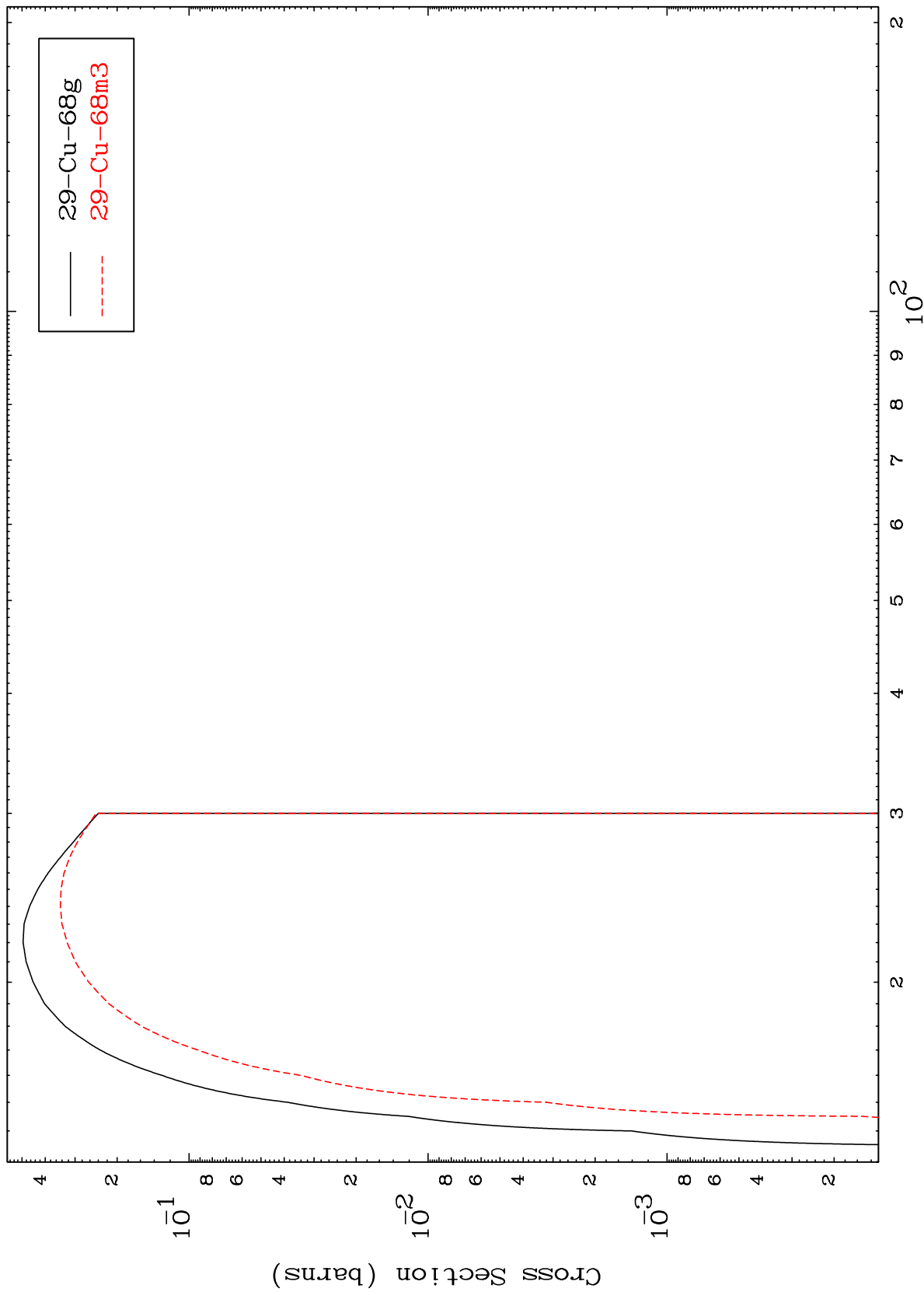
20

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29-Cu-70n

(n,3n)

Radionuclide Production Cross Section



21

Incident Energy (MeV)

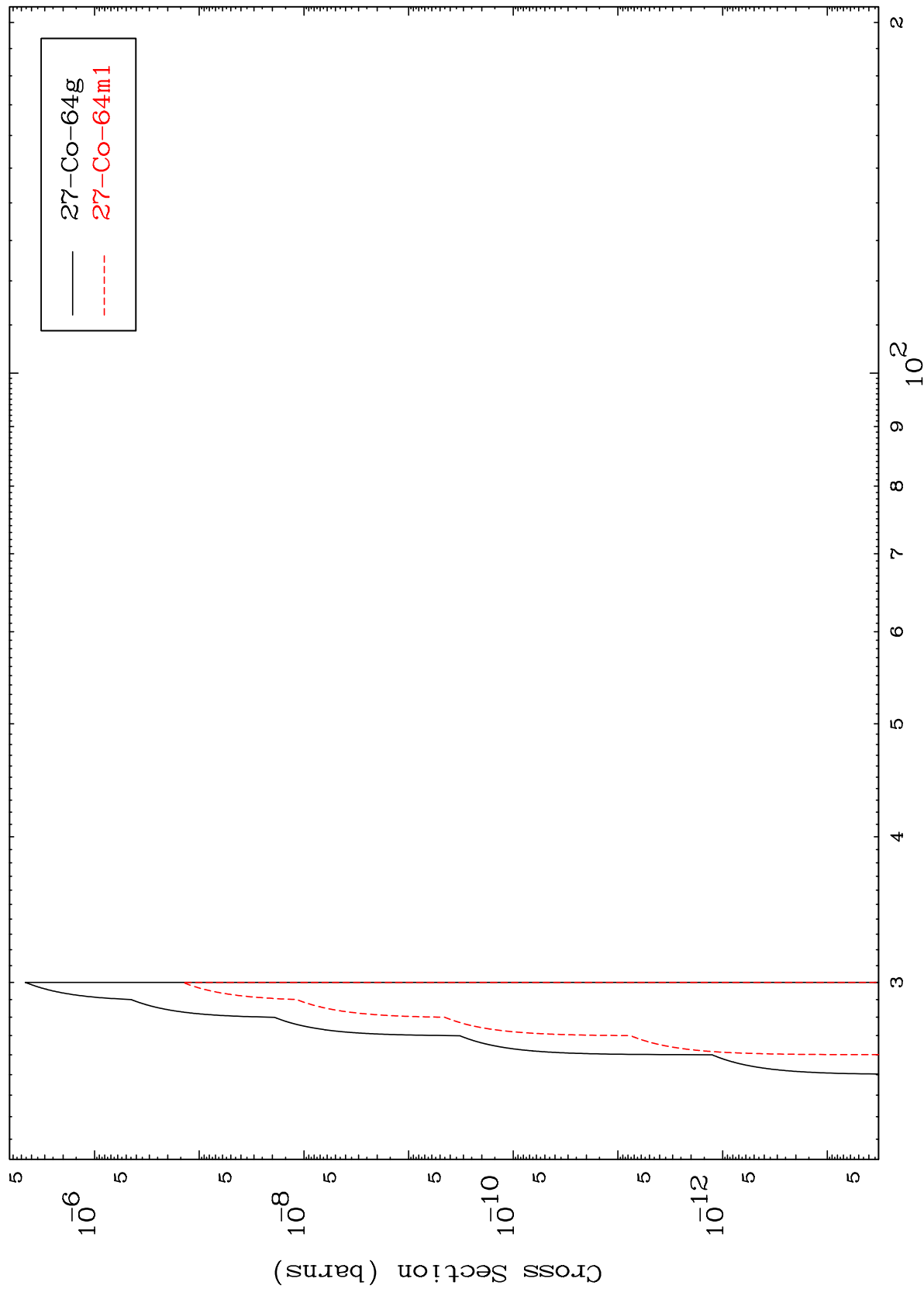
29-Cu-70n

MAT 2948

(n,3n)  $\alpha$

29-Cu-70n

Radionuclide Production Cross Section



22

Incident Energy (MeV)

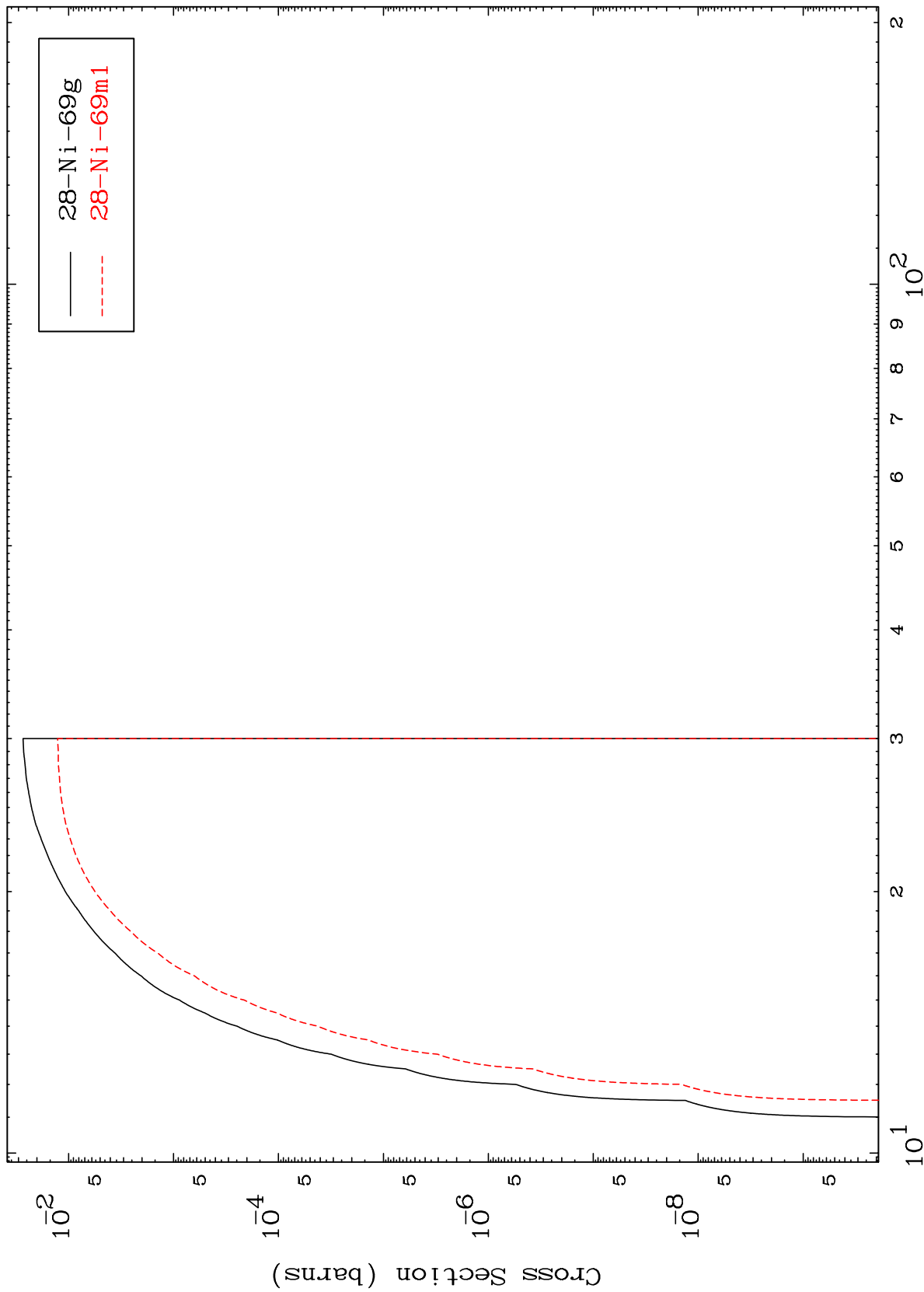
29-Cu-70n

MAT 2948

(n,n') p

29-Cu-70n

Radionuclide Production Cross Section



28-Ni-69g  
28-Ni-69m1

Incident Energy (MeV)

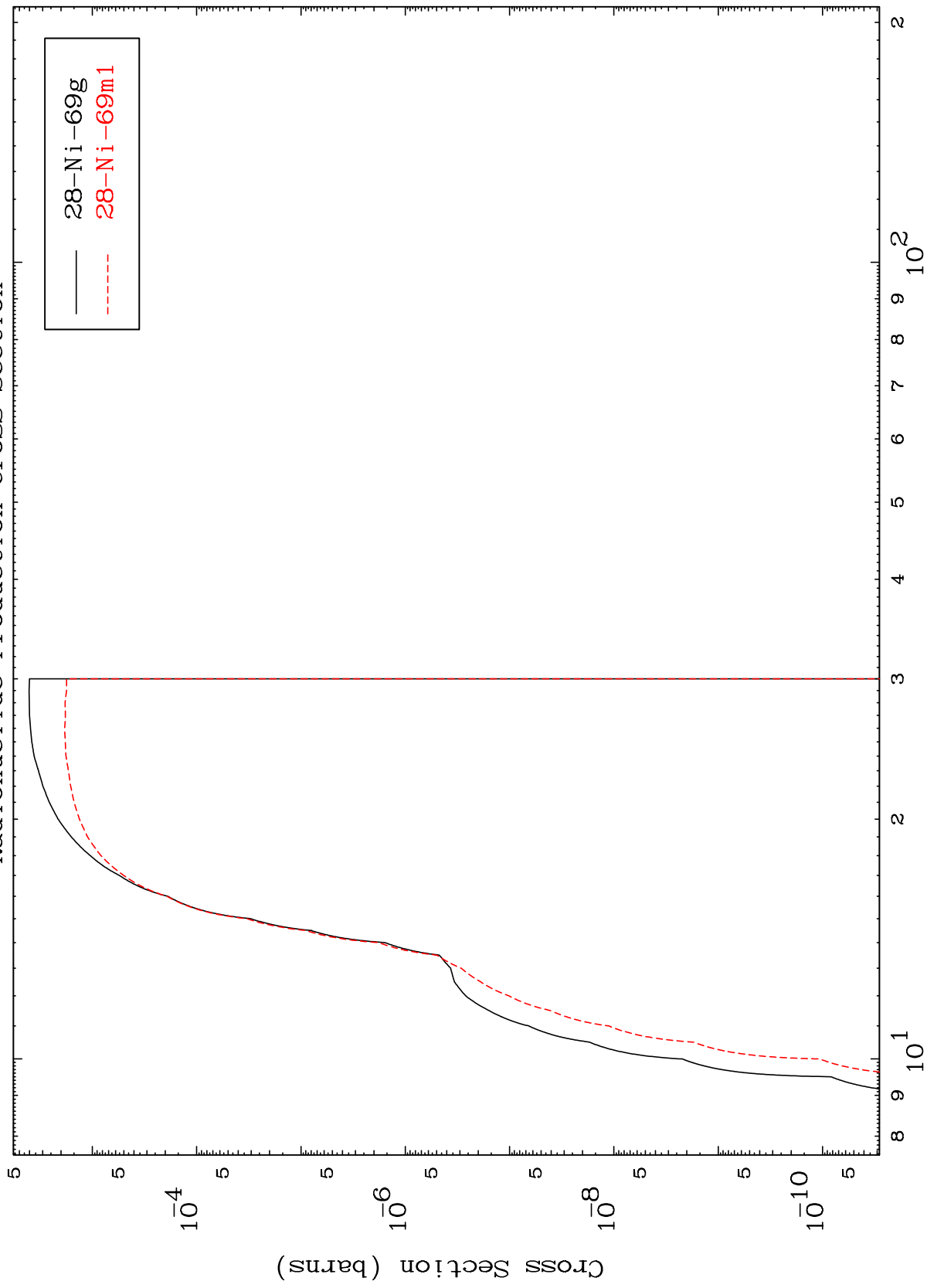
29-Cu-70n

23

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29-Cu-70n

(n,d)  
Radionuclide Production Cross Section



29-Cu-70n

Incident Energy (MeV)

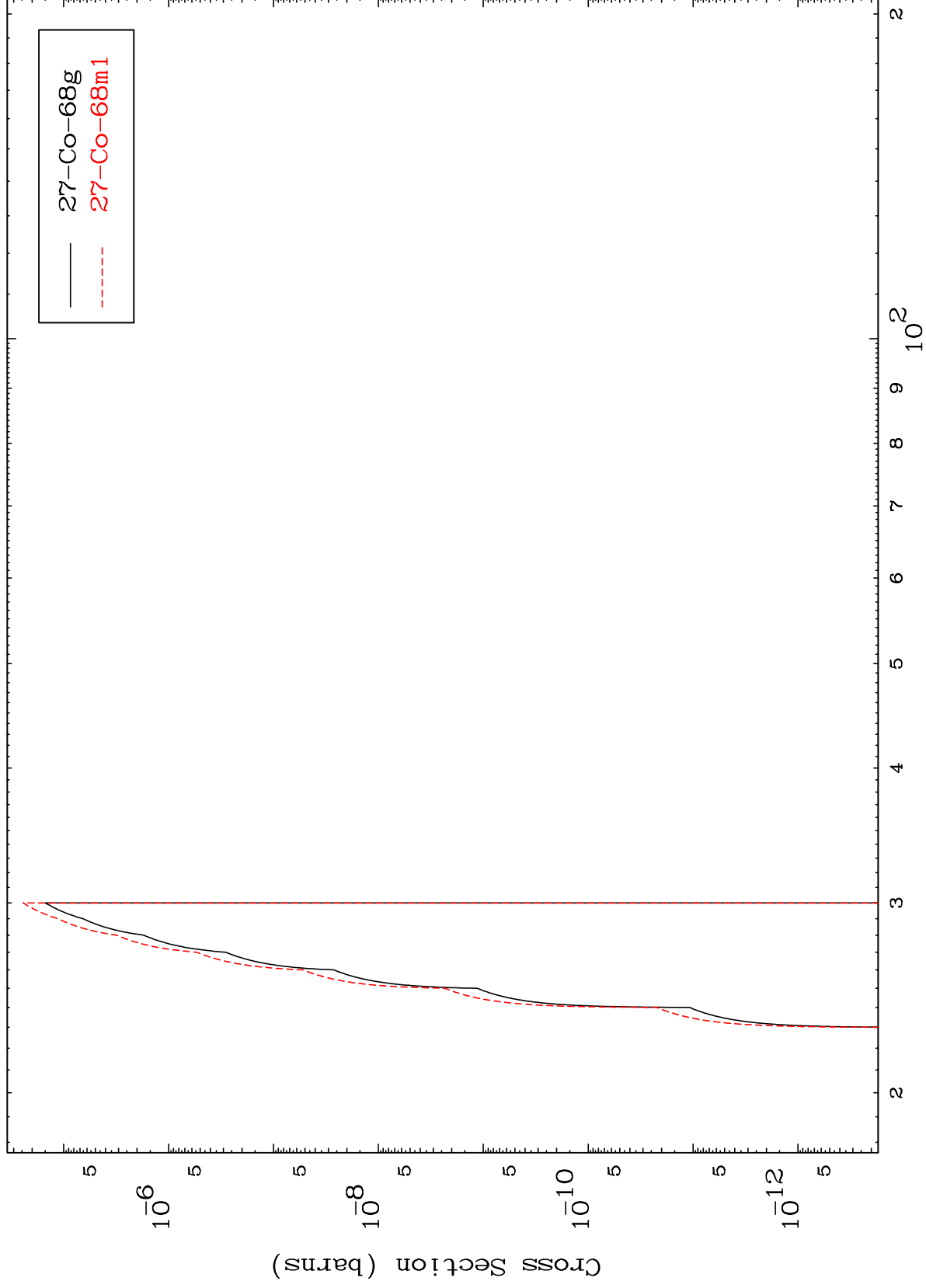
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(n,He-3)

29-Cu-70n

Radionuclide Production Cross Section



25

Incident Energy (MeV)

29-Cu-70n