

Program EVALPLOT  
(Version 2015-2)

by

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(Present Contact Information)

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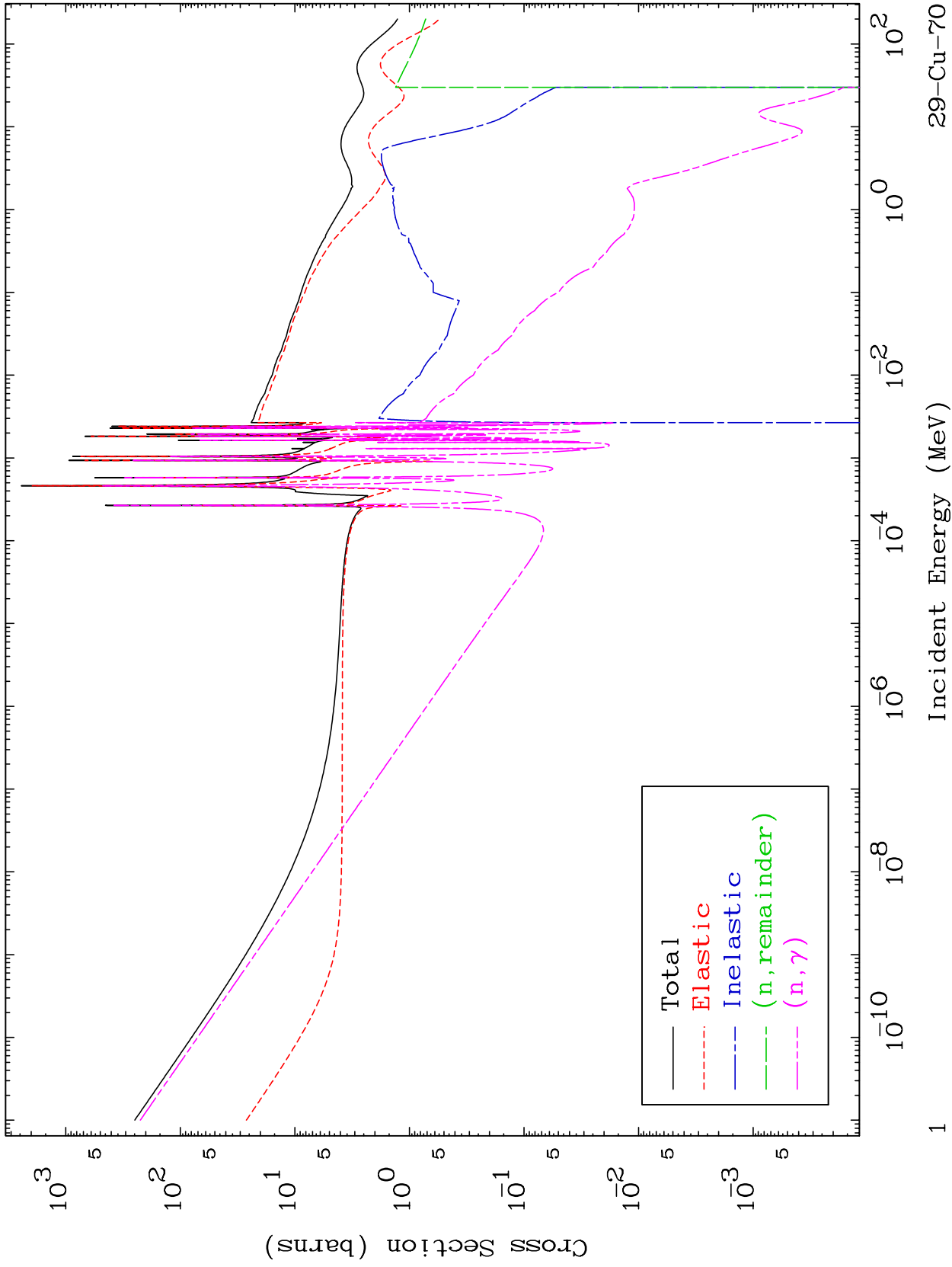
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 2948

Major  
293 Kelvin Cross Sections

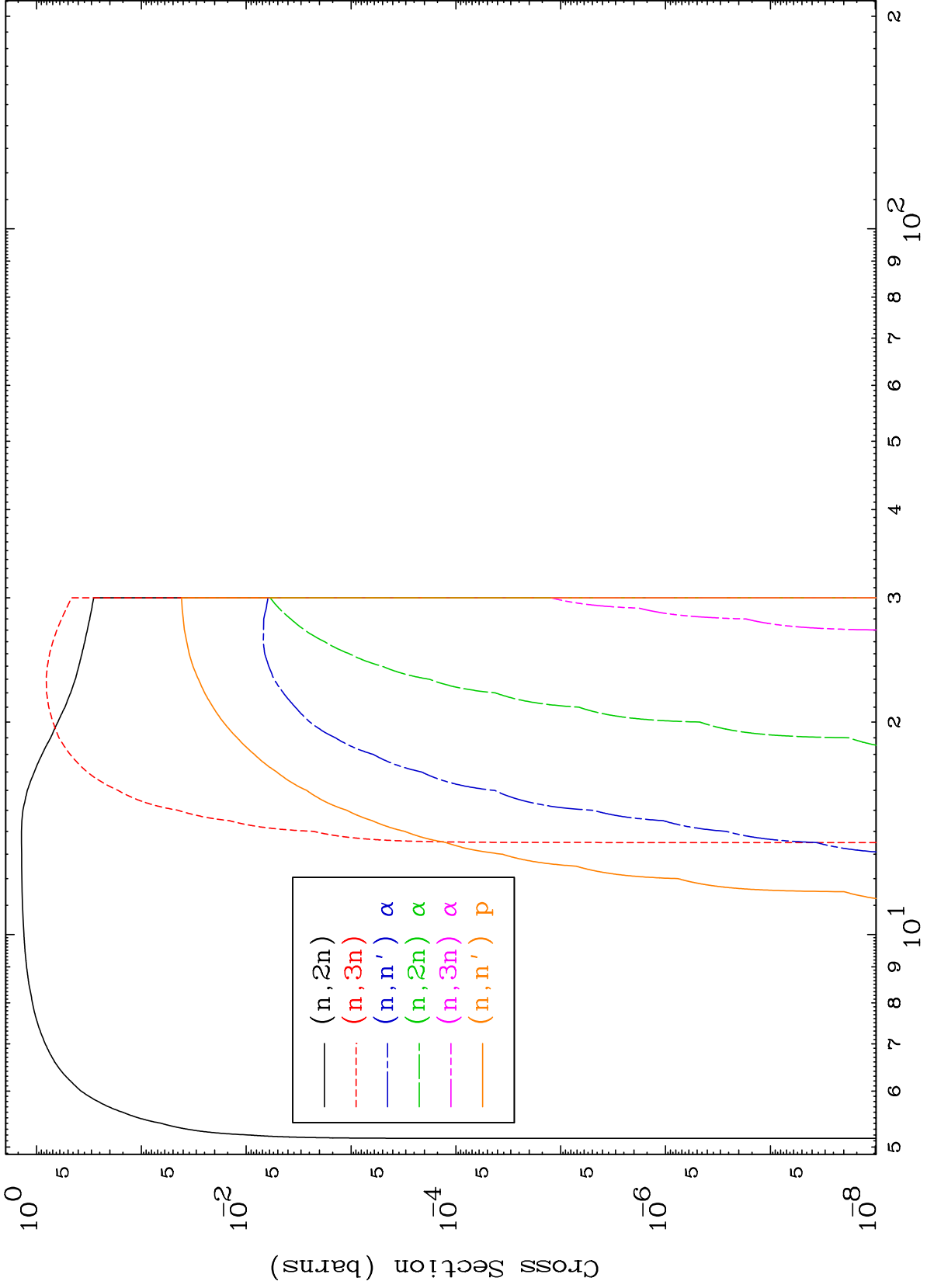
29-Cu-70



MAT 2948

Neutron Production  
293 Kelvin Cross Sections

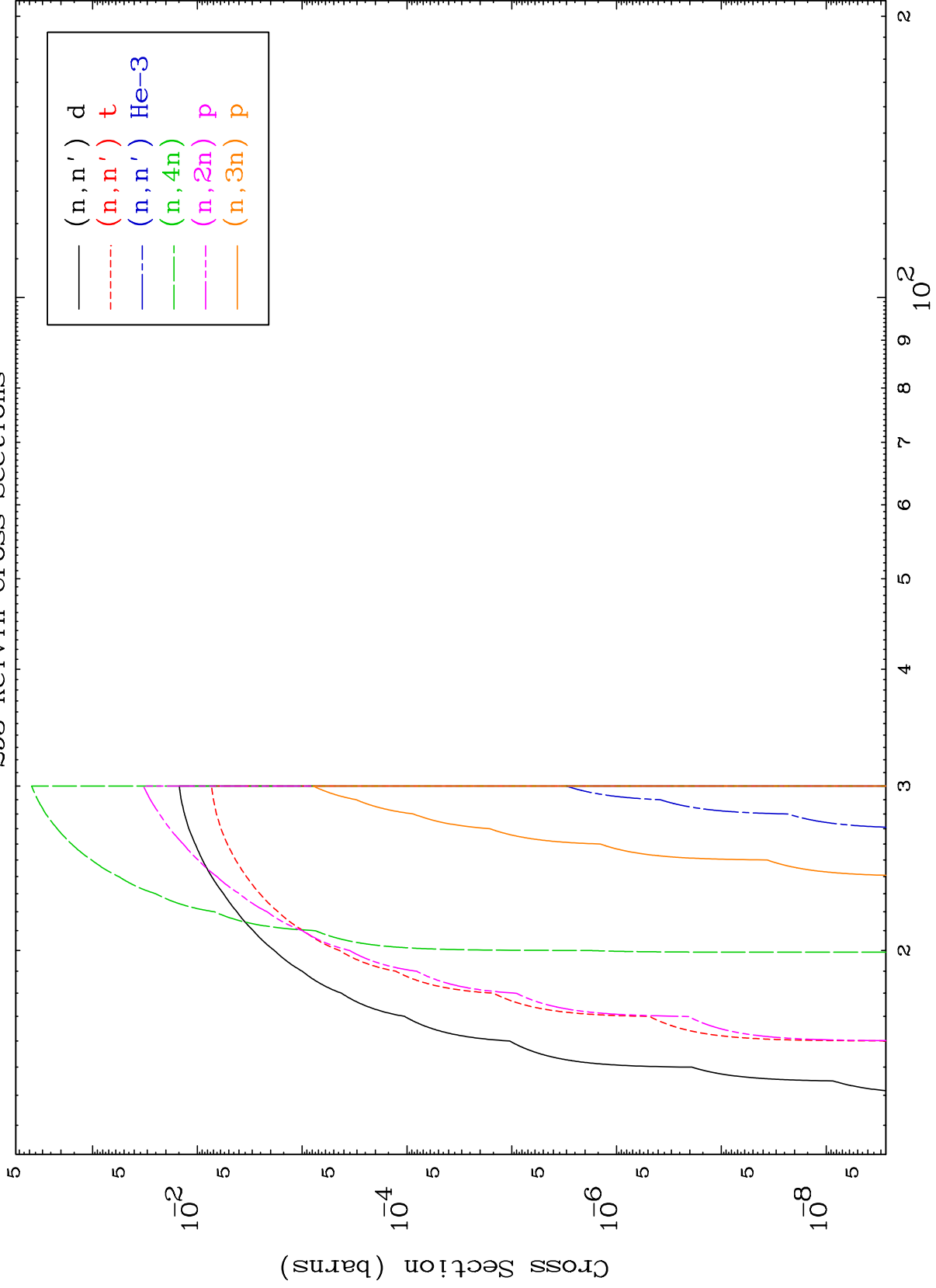
29-Cu-70



2

Incident Energy (MeV)

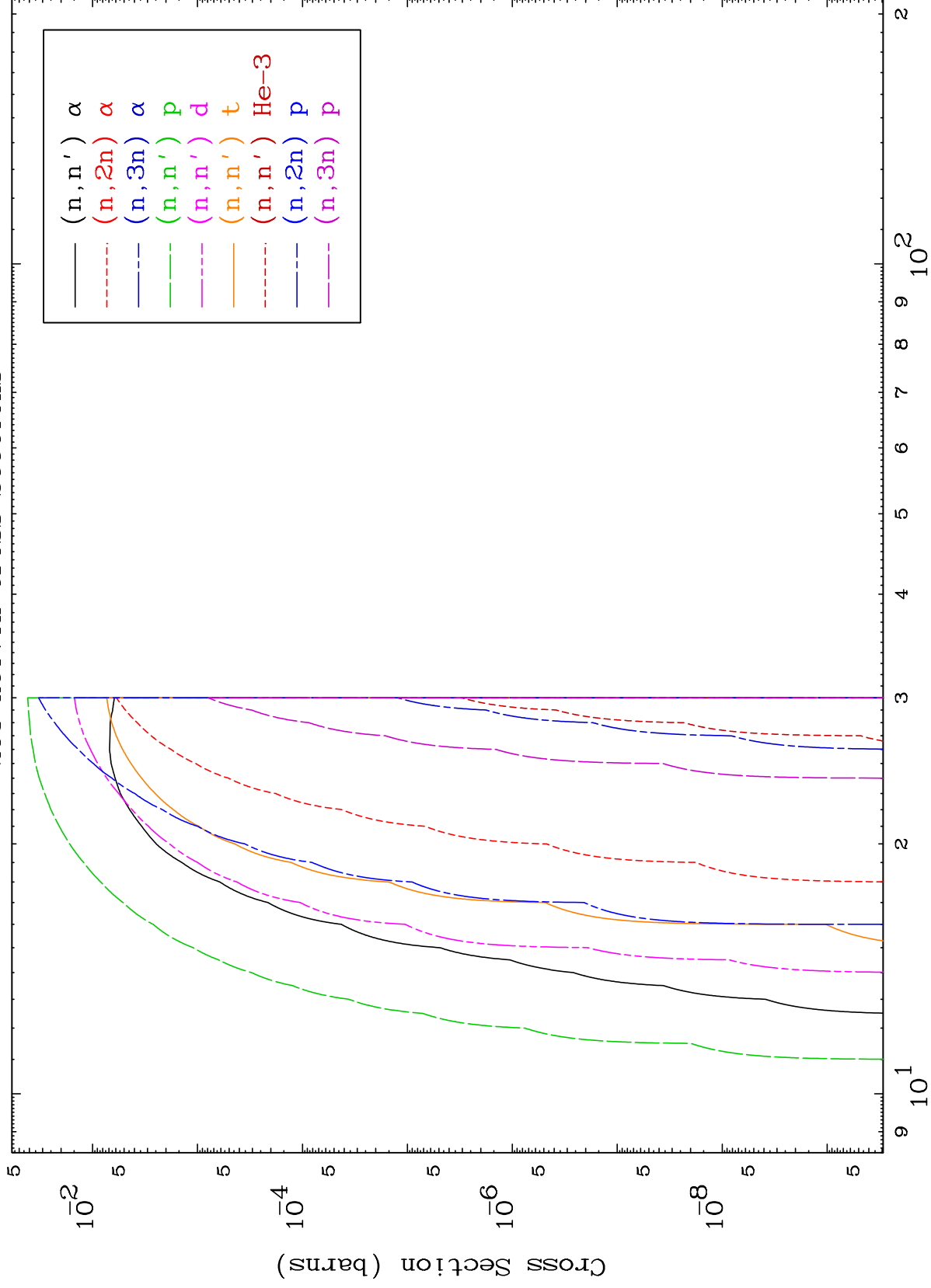
29-Cu-70



MAT 2948

Charged Particle  
293 Kelvin Cross Sections

29-Cu-70



Incident Energy (MeV)

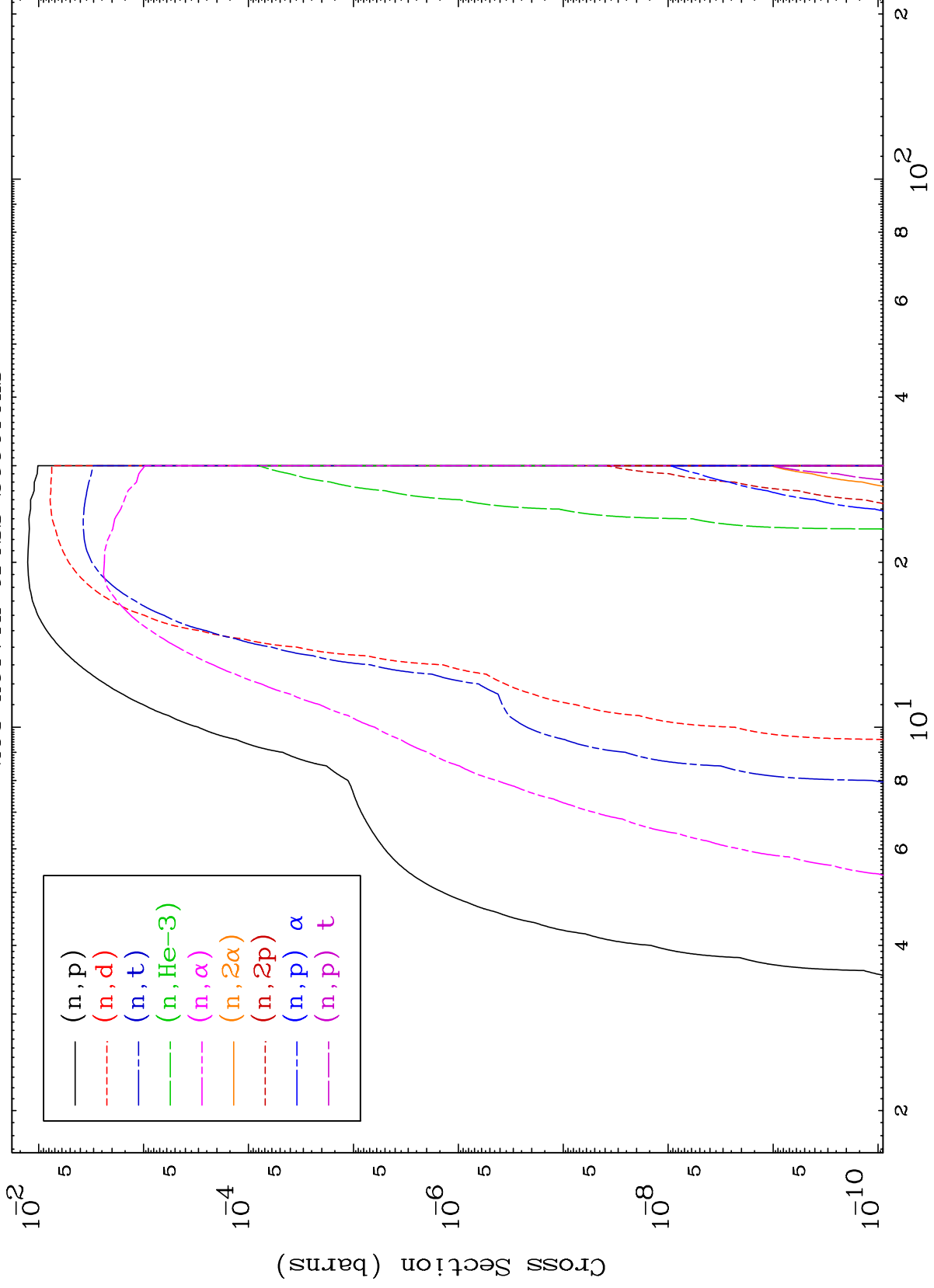
29-Cu-70

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MAT 2948

Charged Particle  
293 Kelvin Cross Sections

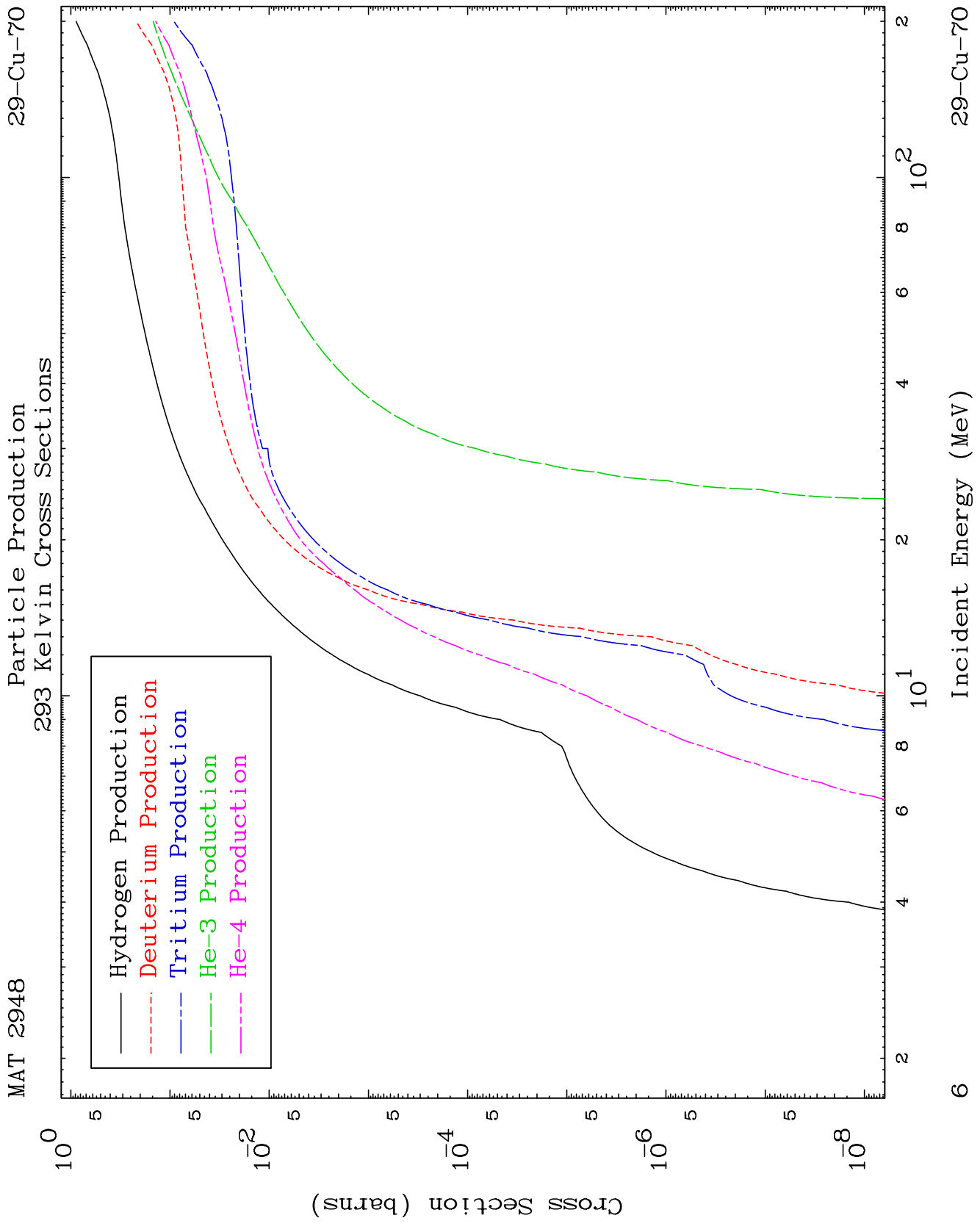
29-Cu-70



5

Incident Energy (MeV)

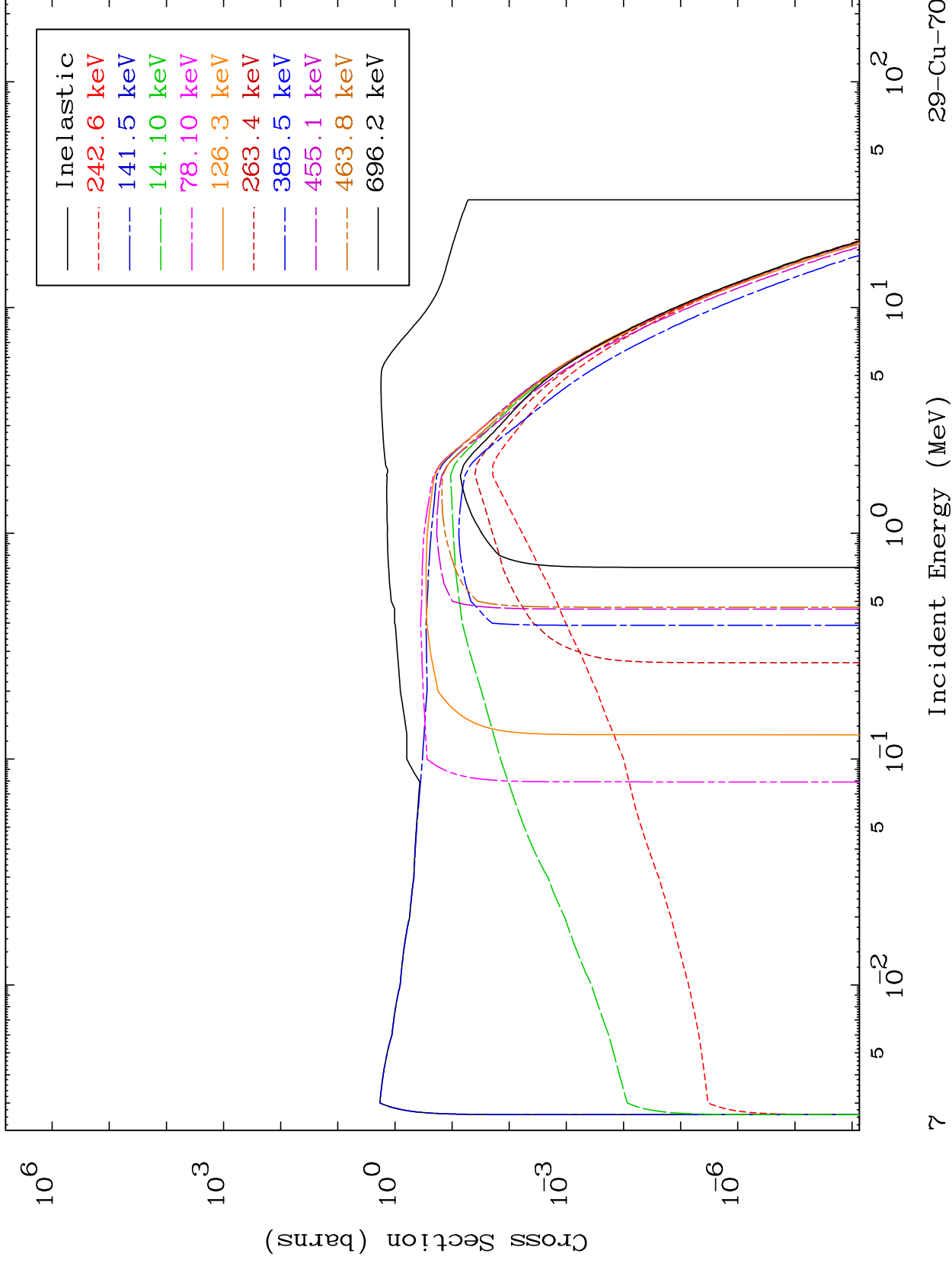
29-Cu-70



MAT 2948

(n,n') Level  
293 Kelvin Cross Sections

29-Cu-70

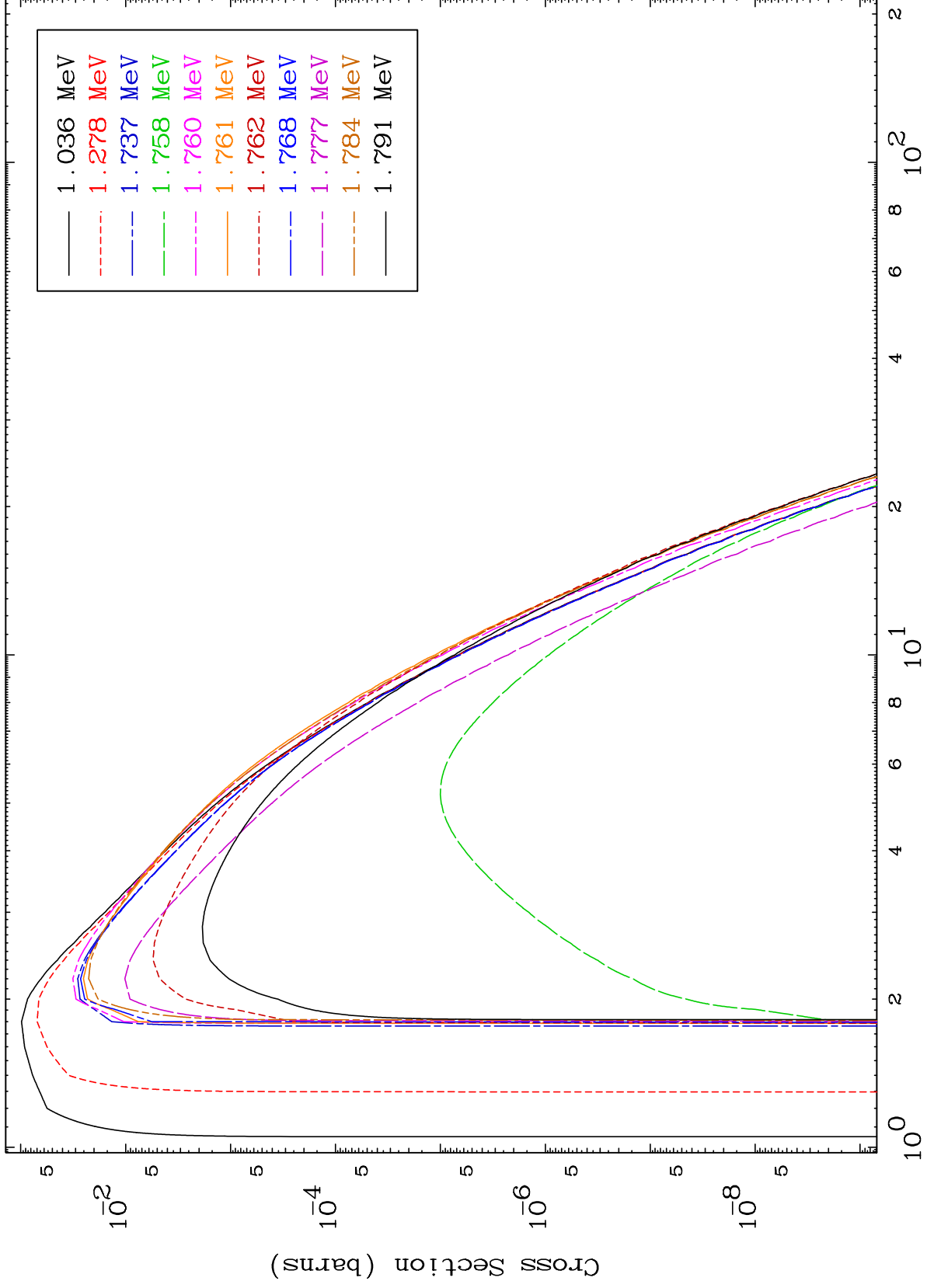




MAT 2948

(n,n') Level  
293 Kelvin Cross Sections

29-Cu-70



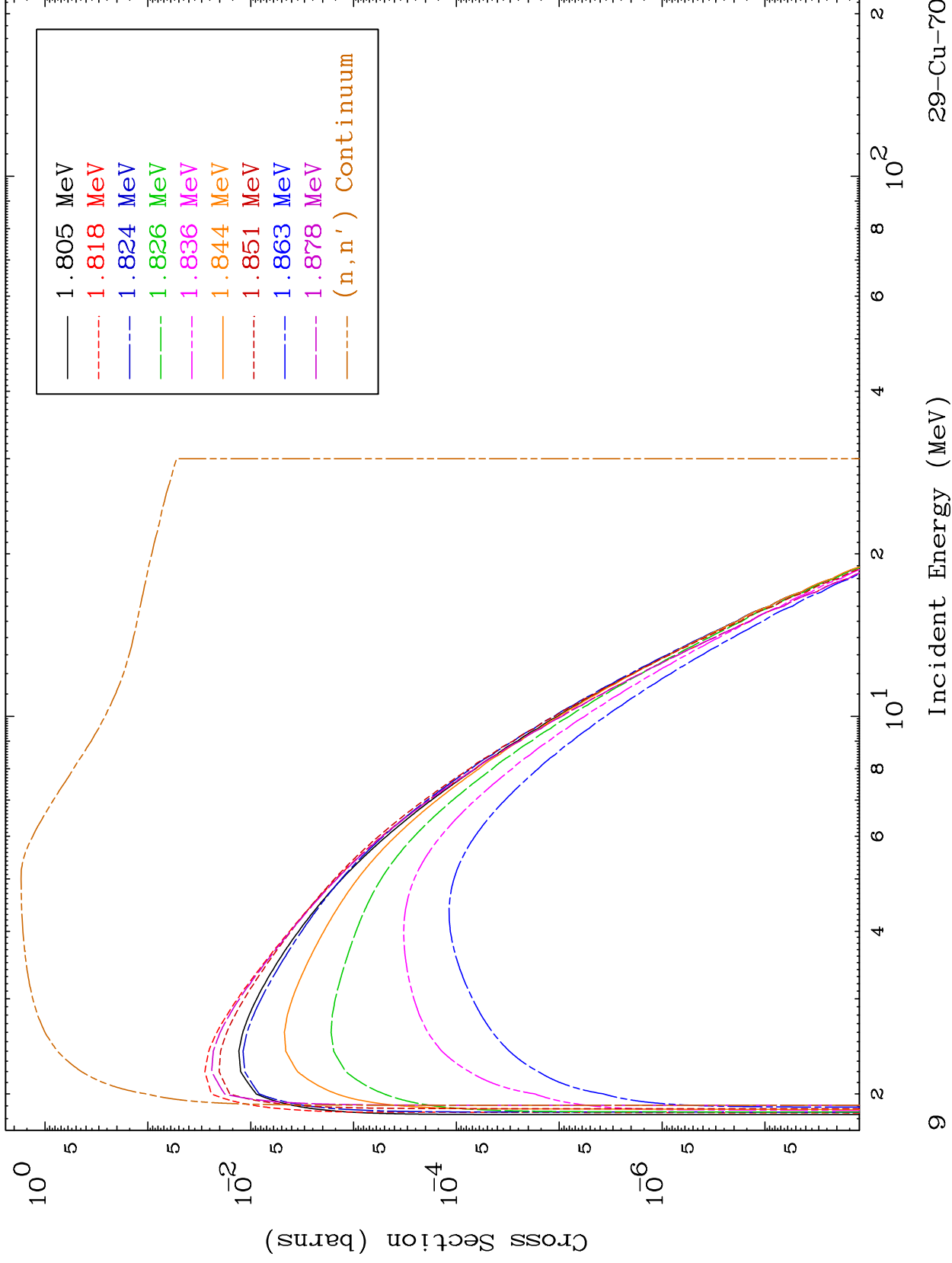
Incident Energy (MeV)

29-Cu-70

MAT 2948

(n,n') Level  
293 Kelvin Cross Sections

29-Cu-70

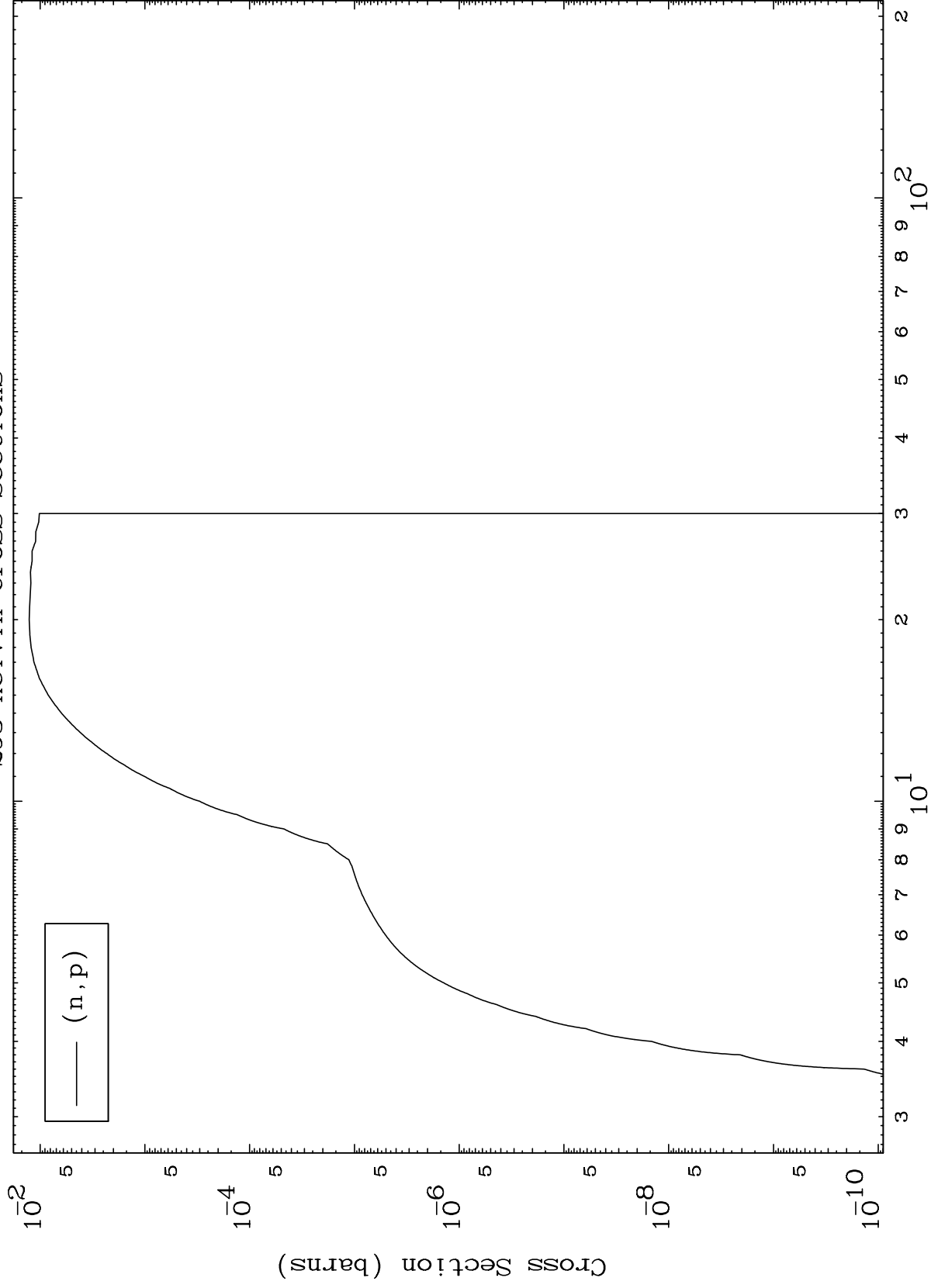


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MAT 2948

(n,p) Levels  
293 Kelvin Cross Sections

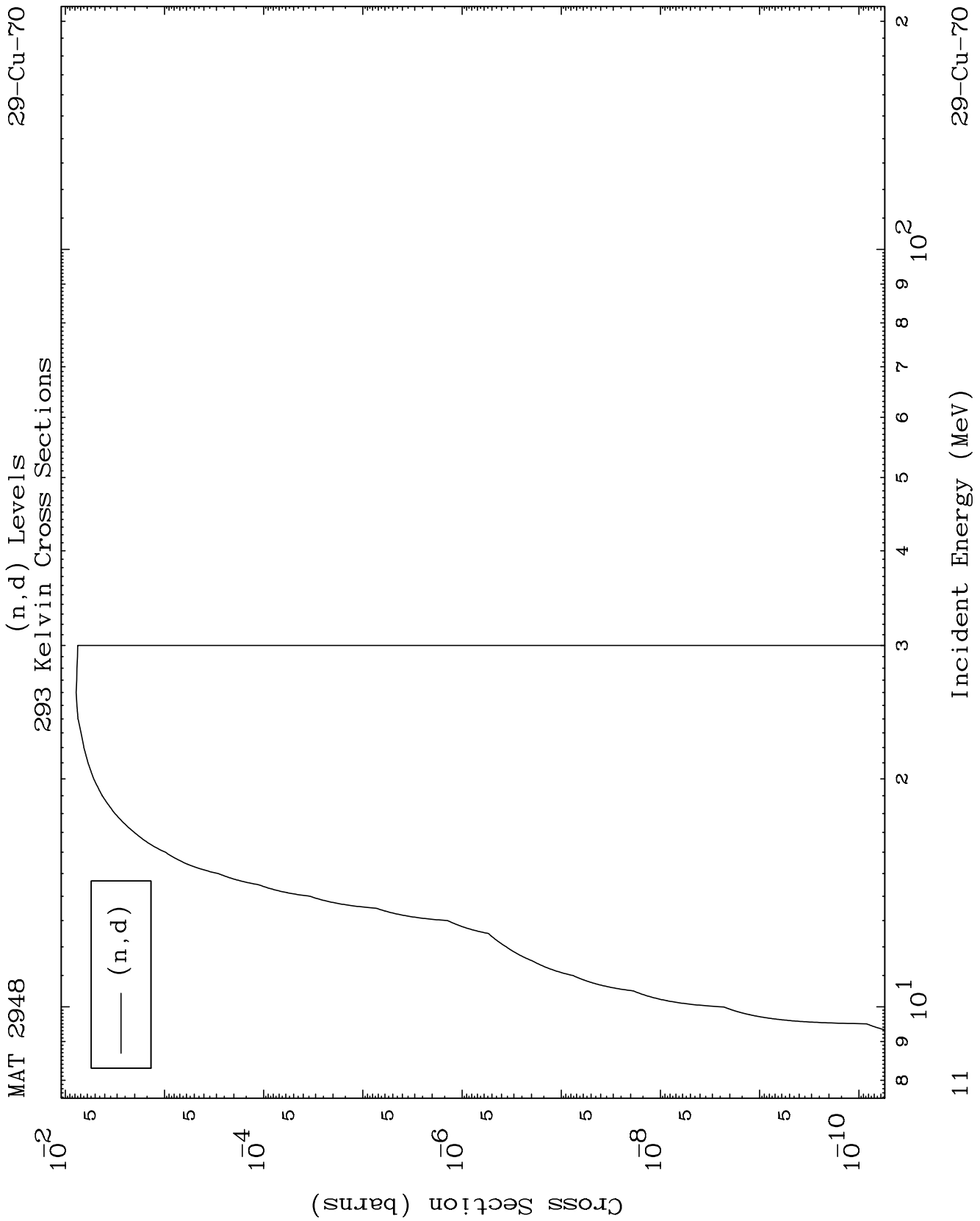
29-Cu-70



10

Incident Energy (MeV)

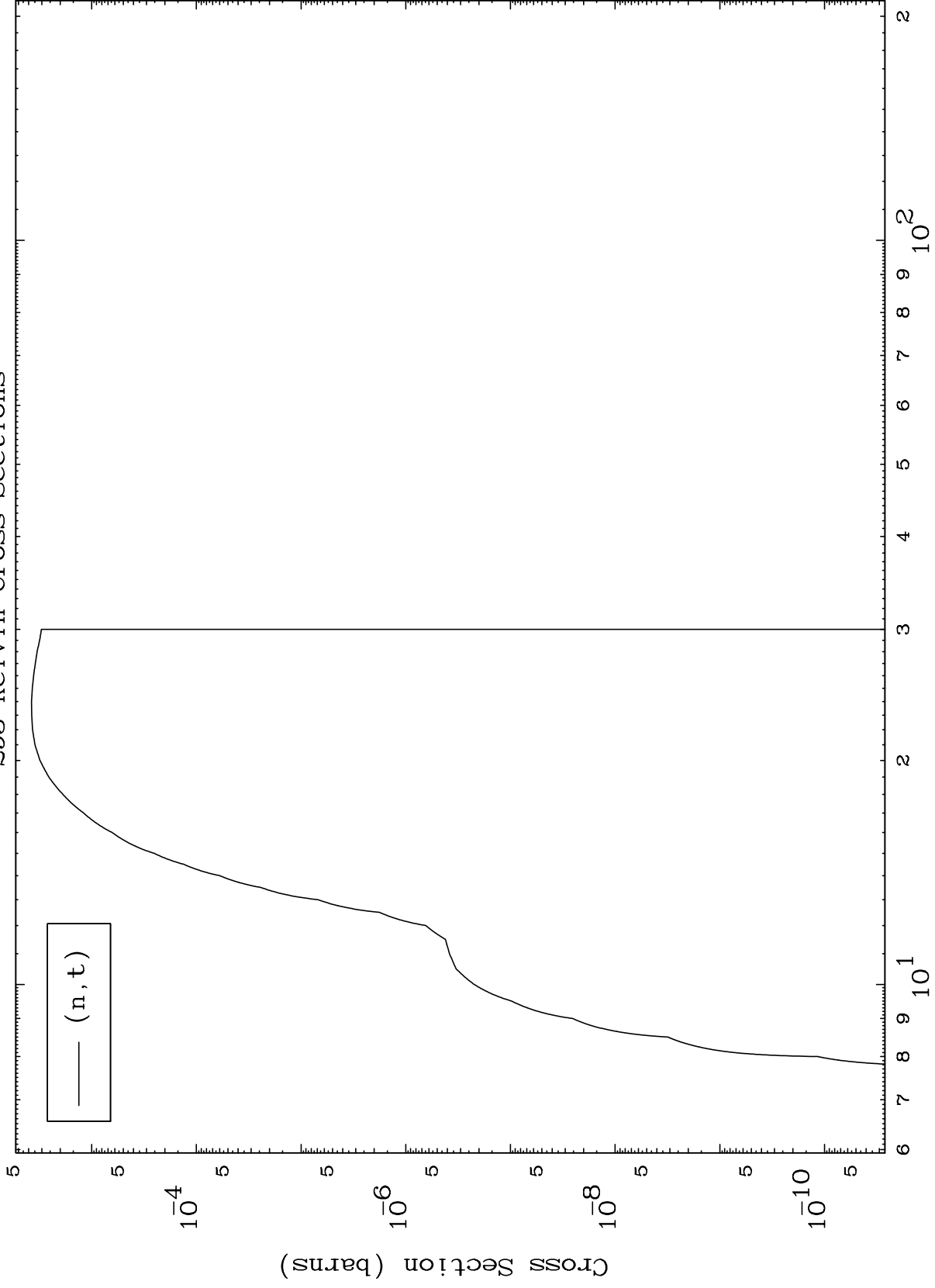
29-Cu-70



MAT 2948

(n, t) Levels  
293 Kelvin Cross Sections

29-Cu-70



12

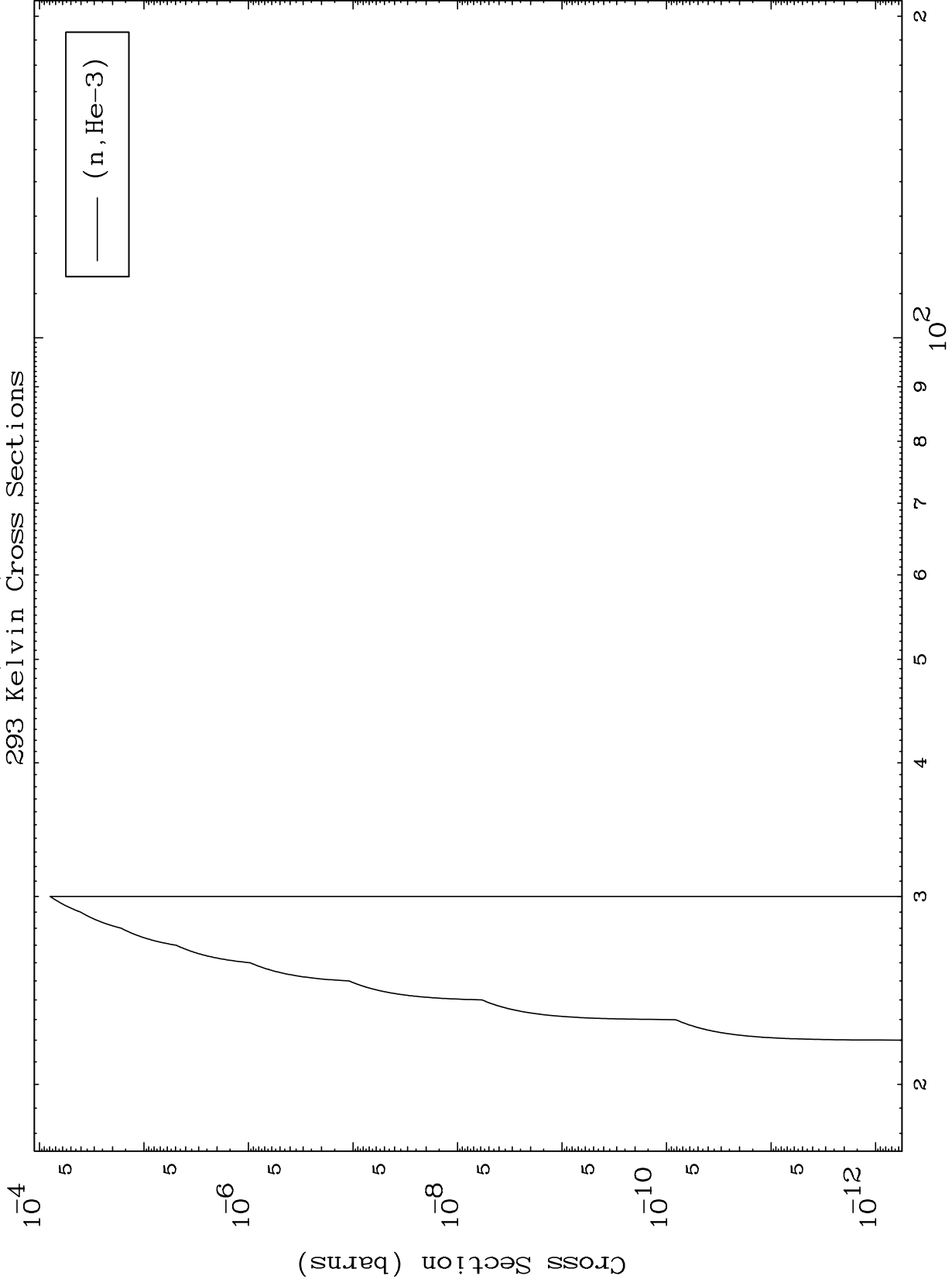
Incident Energy (MeV)

29-Cu-70

MAT 2948

(n,He3) Levels  
293 Kelvin Cross Sections

29-Cu-70



13

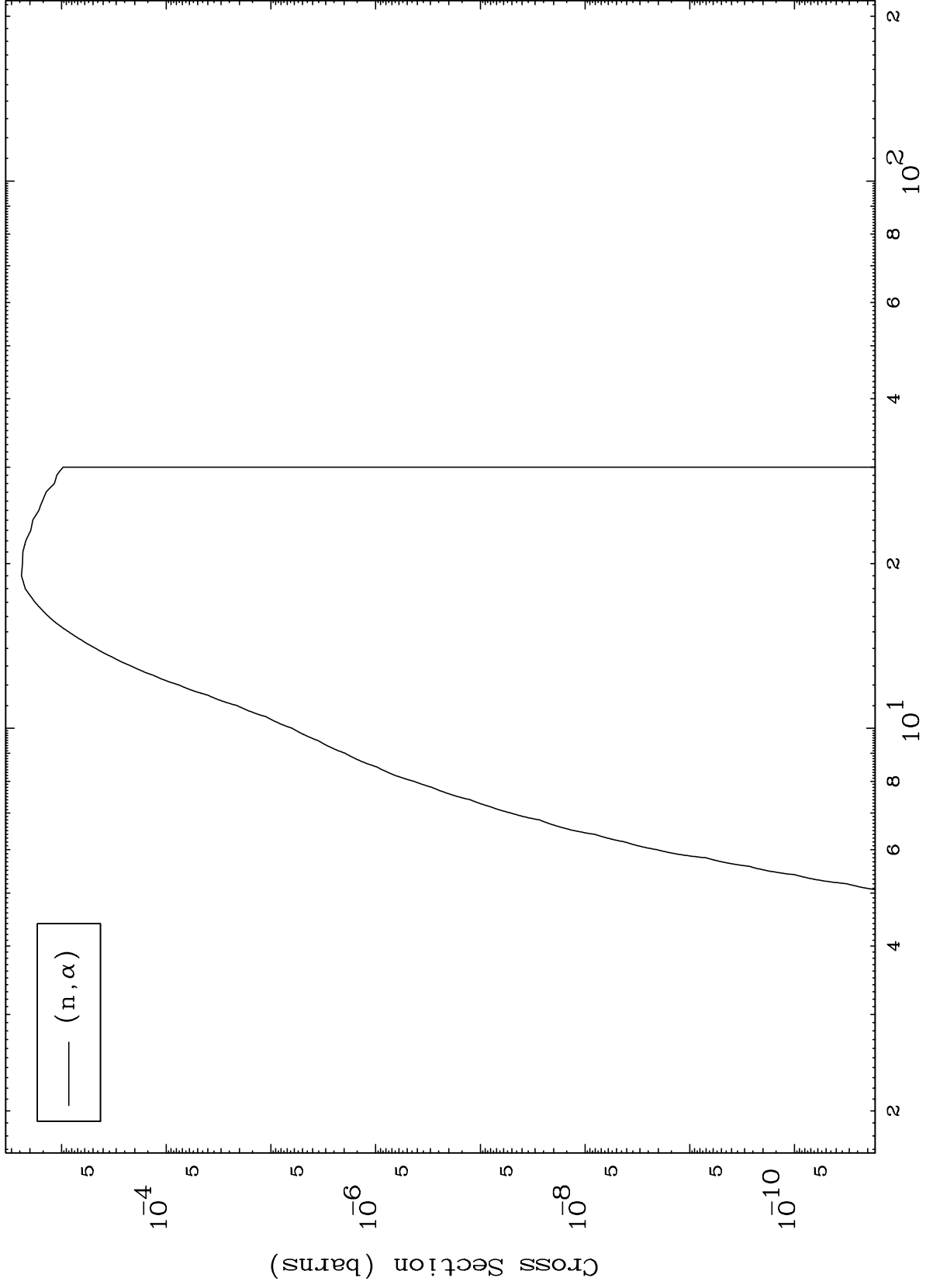
Incident Energy (MeV)

29-Cu-70

MAT 2948

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

29-Cu-70



14

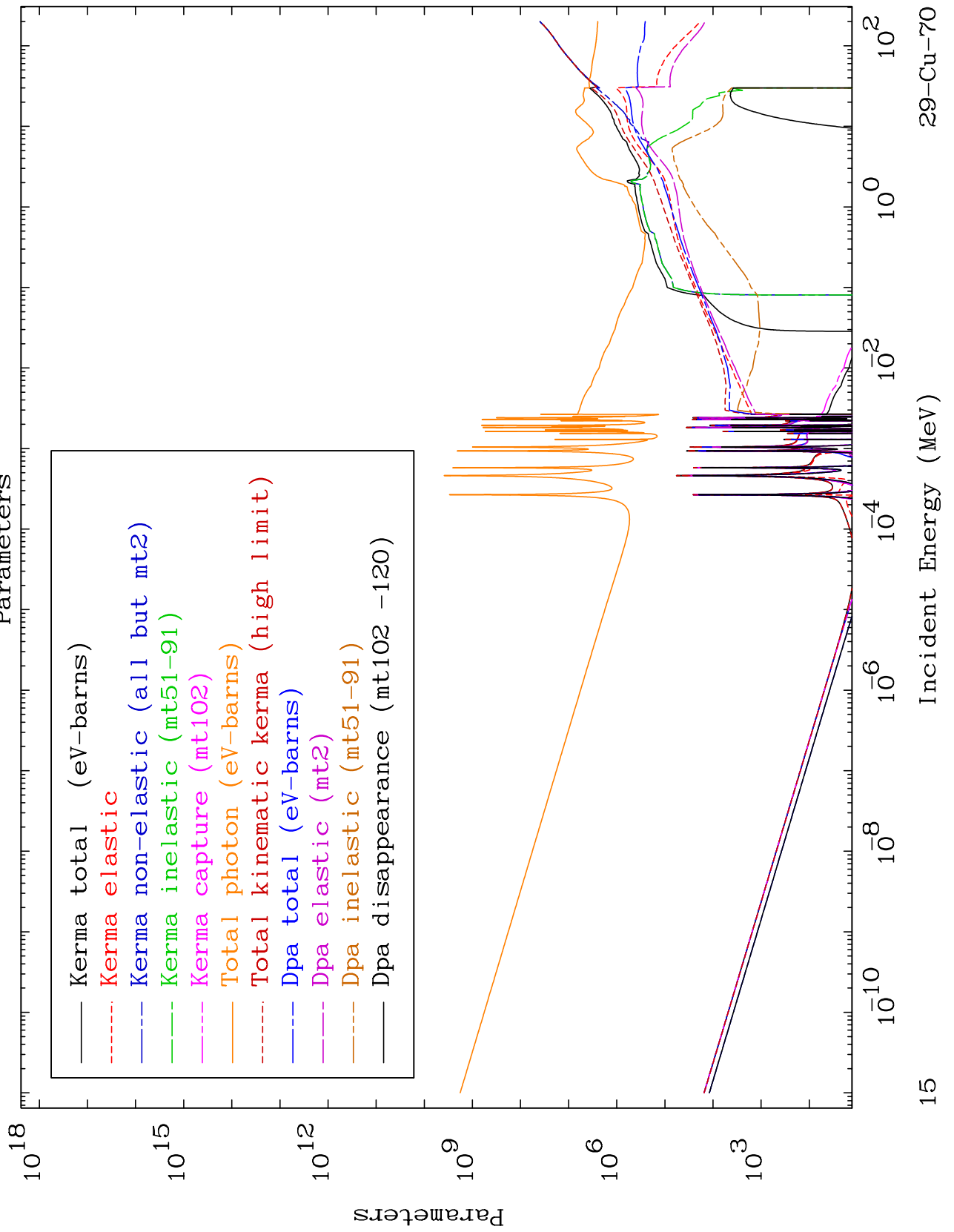
Incident Energy (MeV)

29-Cu-70

MAT 2948

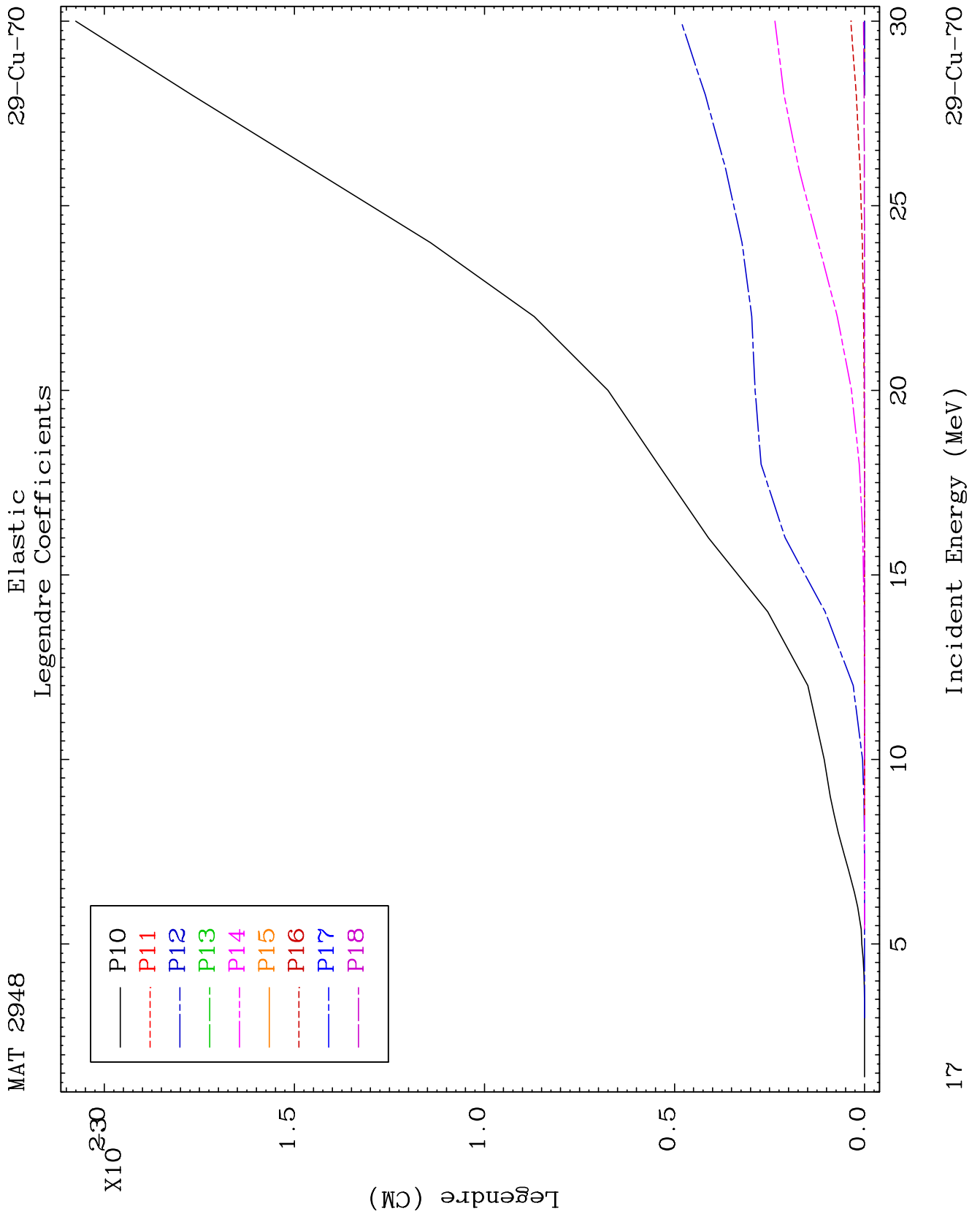
Energy Release  
Parameters

29-Cu-70





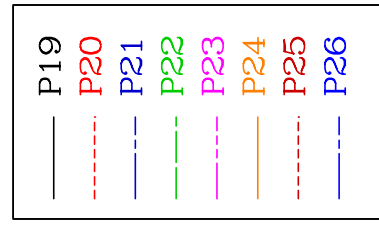




MAT 2948

Elastic  
Legendre Coefficients

29-Cu-70



$\times 10^{-7}$

1.5

1.0

0.5

0.0

Legendre (CM)

15

20

25

30

18

Incident Energy (MeV)

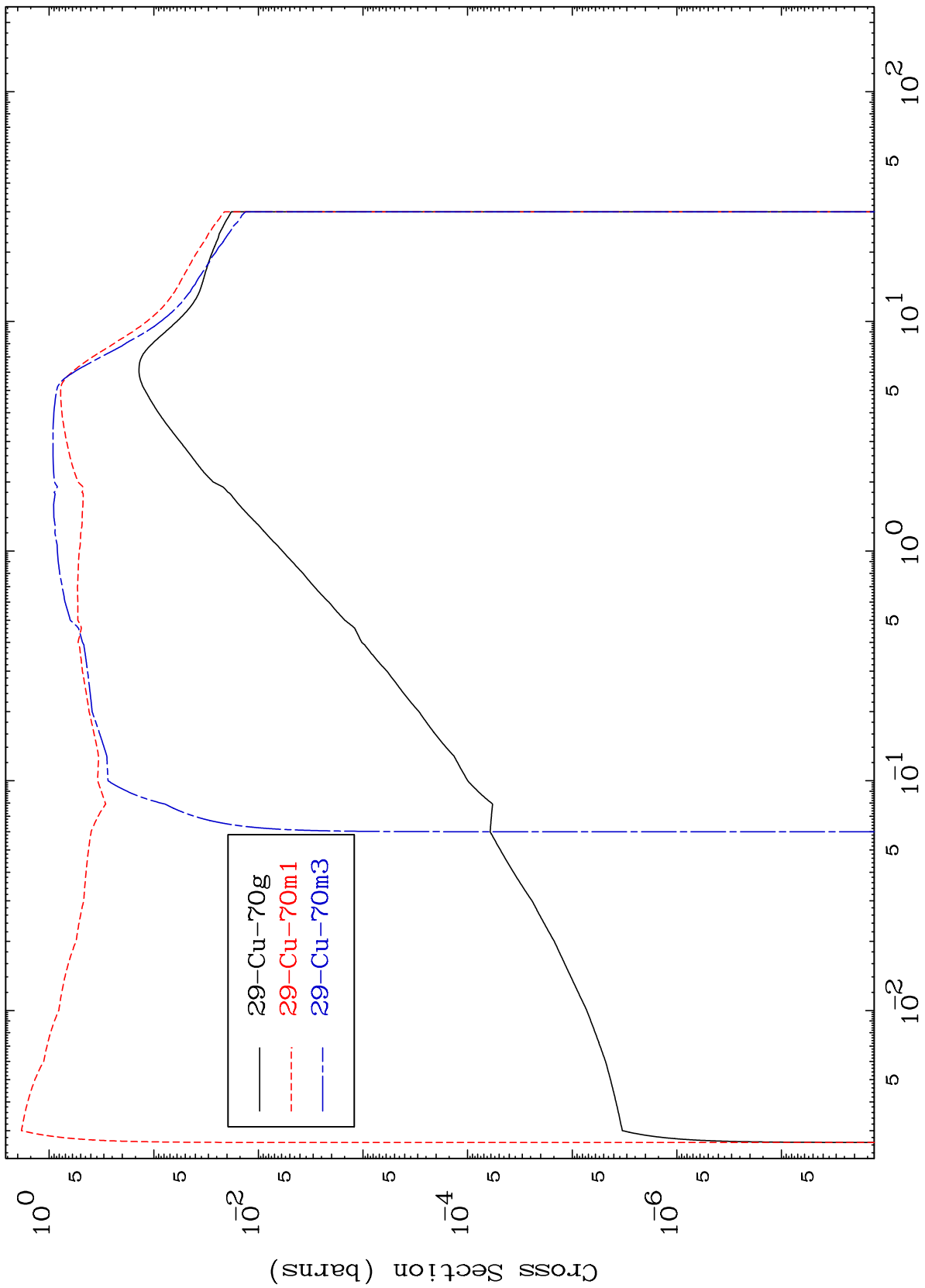
29-Cu-70



MAT 2948

29-Cu-70

Inelastic  
Radionuclide Production Cross Section

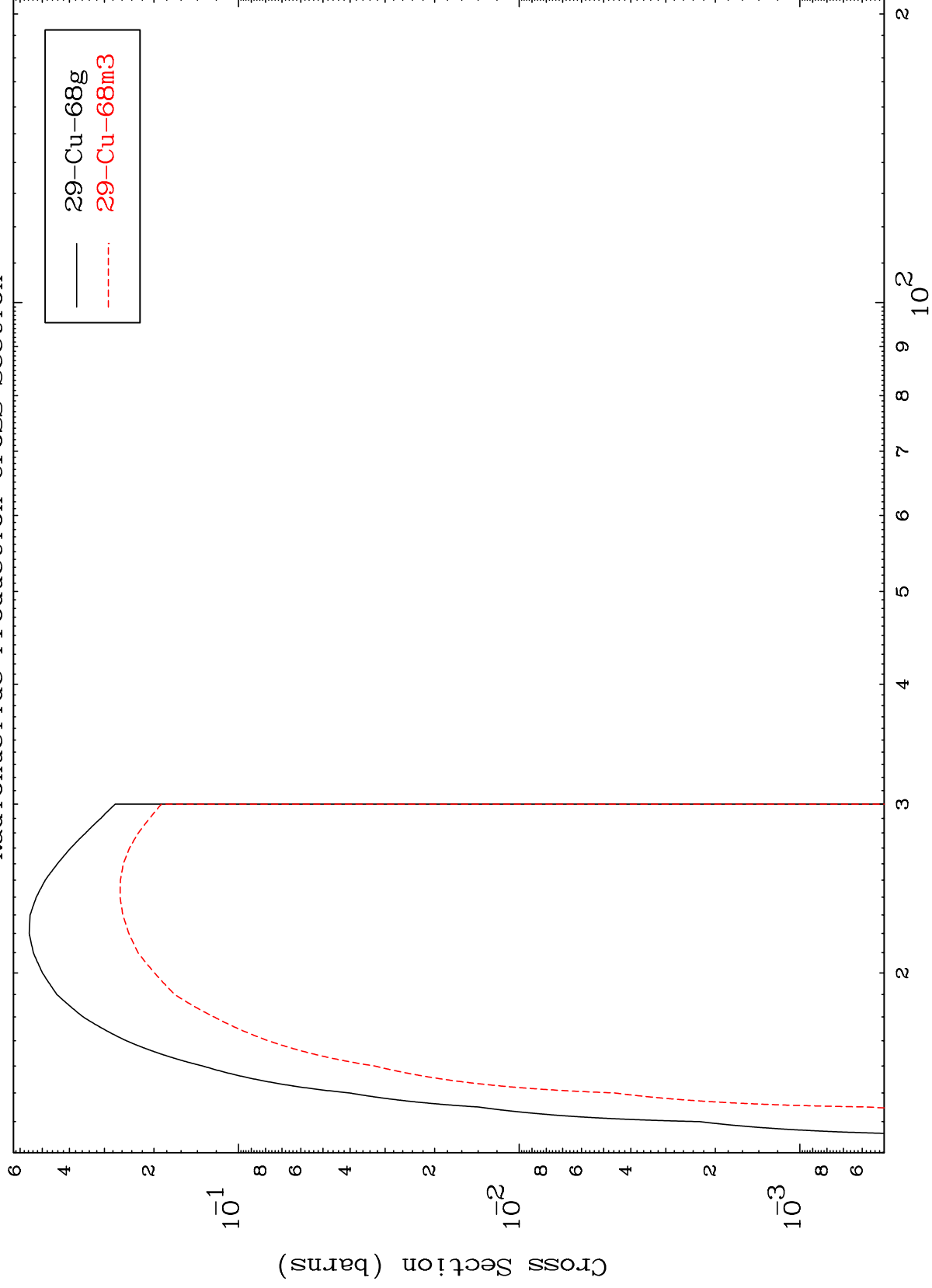


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(n,3n)

29-Cu-70

Radionuclide Production Cross Section

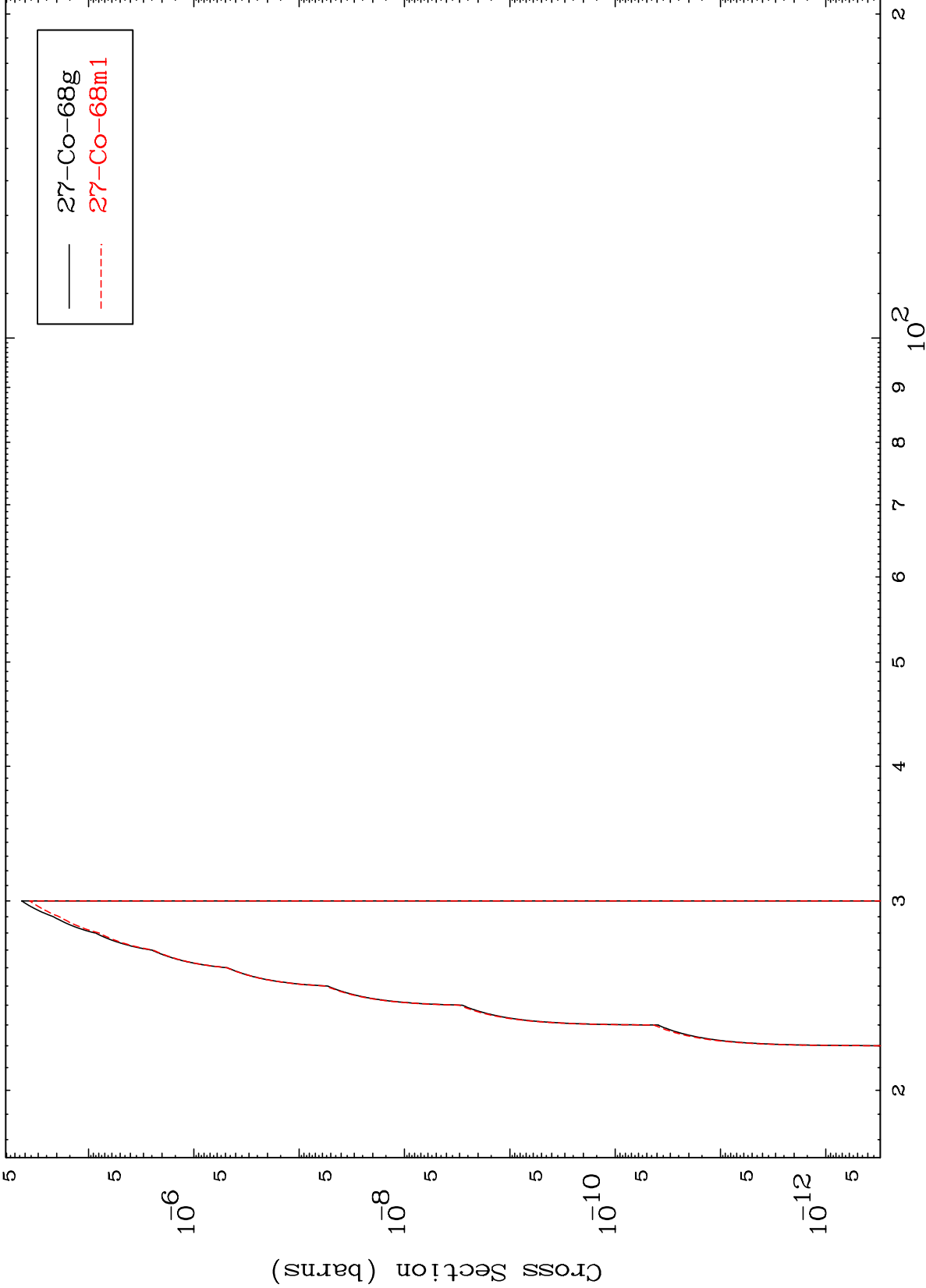


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Incident Energy (MeV)

29-Cu-70

Radionuclide Production Cross Section



— 27-Co-68g  
- - - 27-Co-68m1