

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

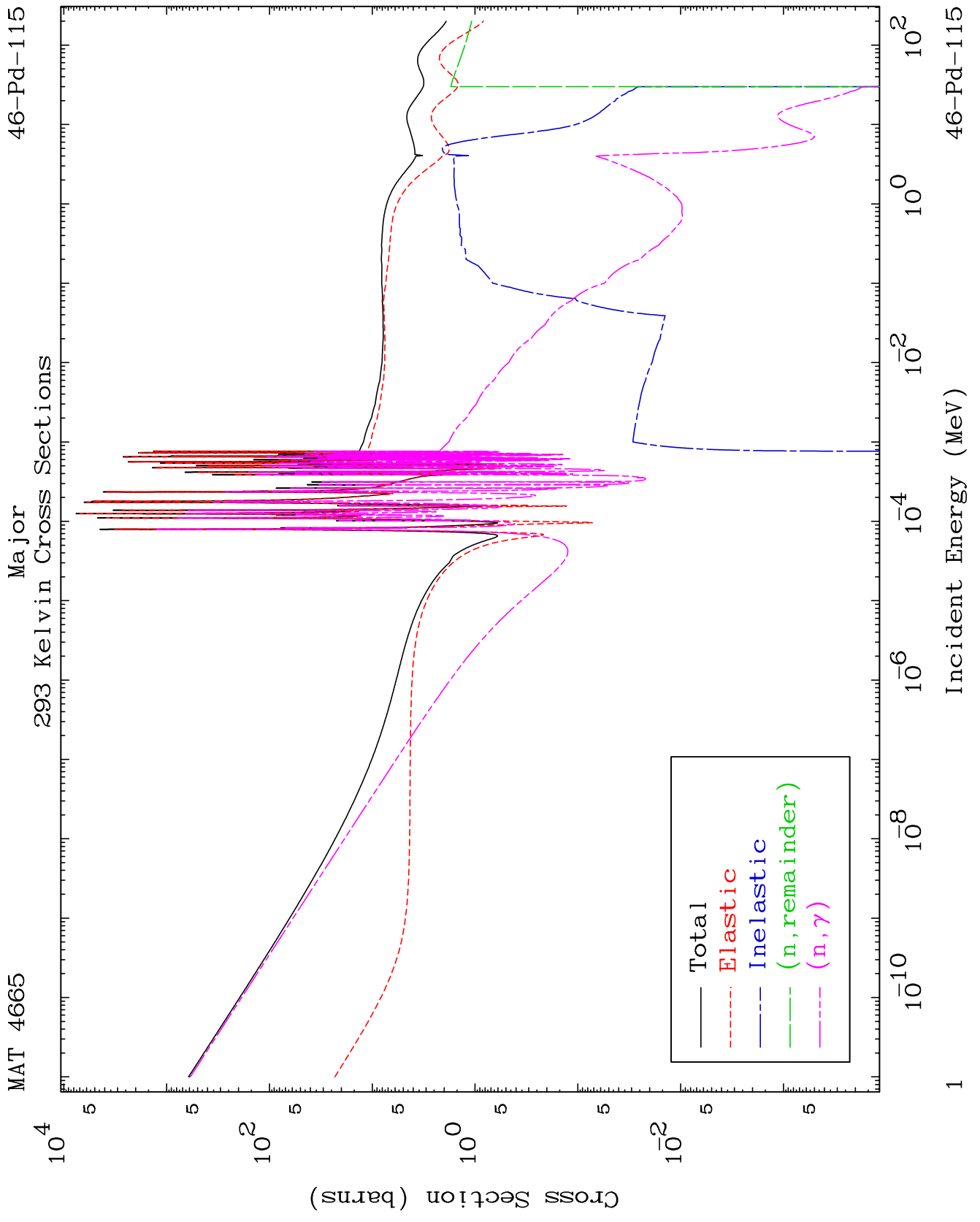
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Web:redcullen1.net/HOMEPAGE.NEW

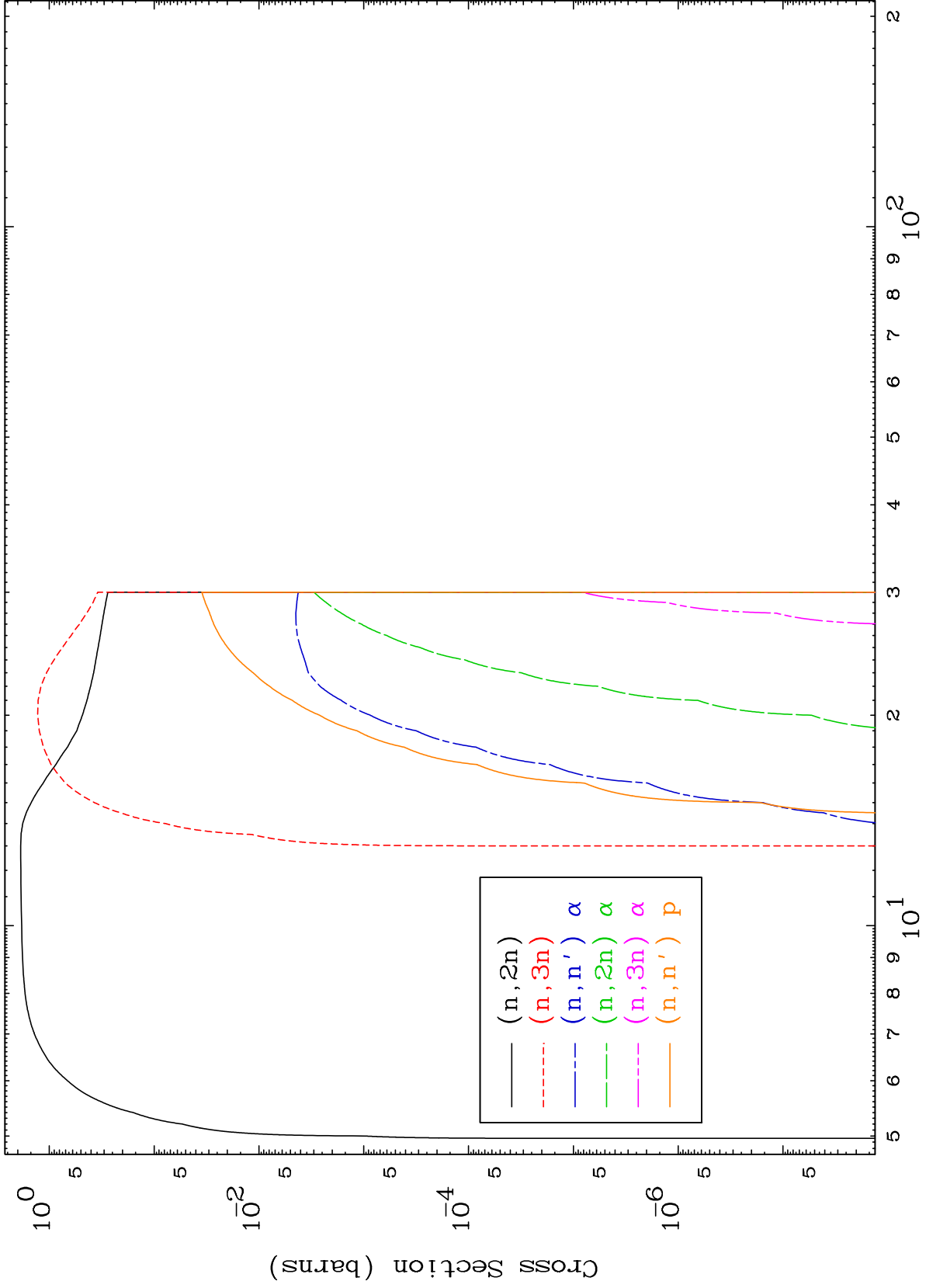
Press Mouse Button to Start



MAT 4665

Neutron Production  
293 Kelvin Cross Sections

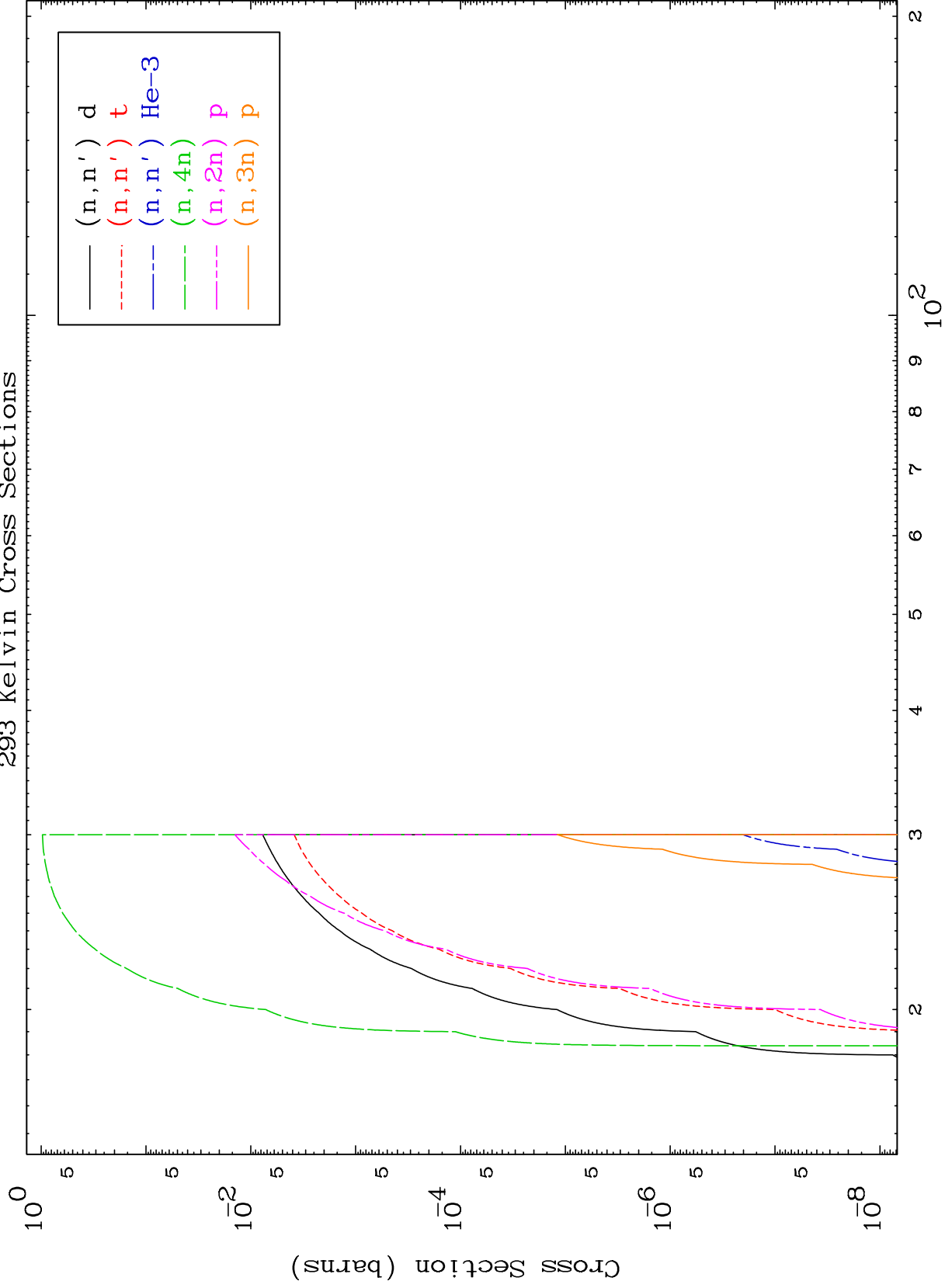
46-Pd-115

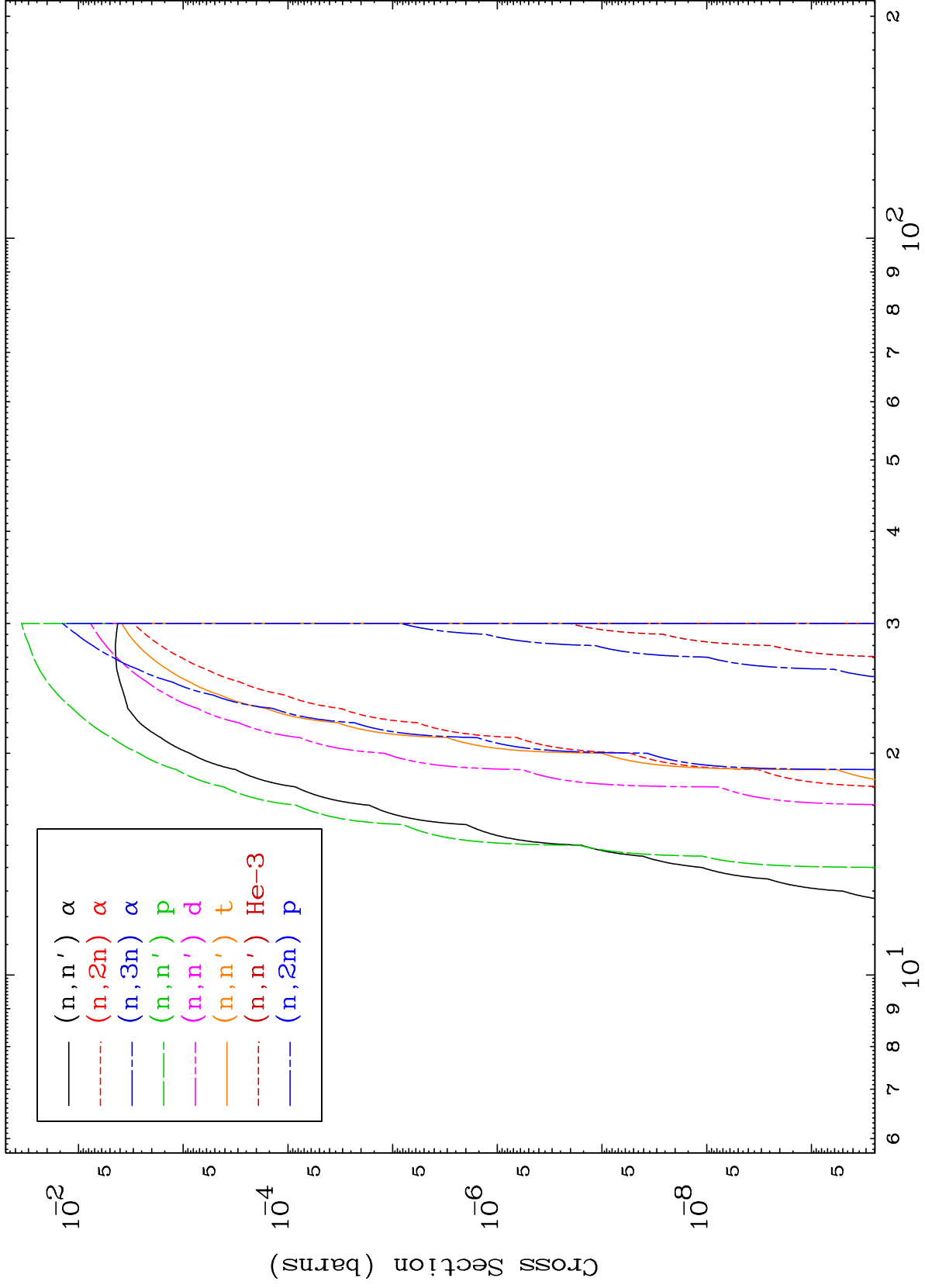


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Incident Energy (MeV)

46-Pd-115

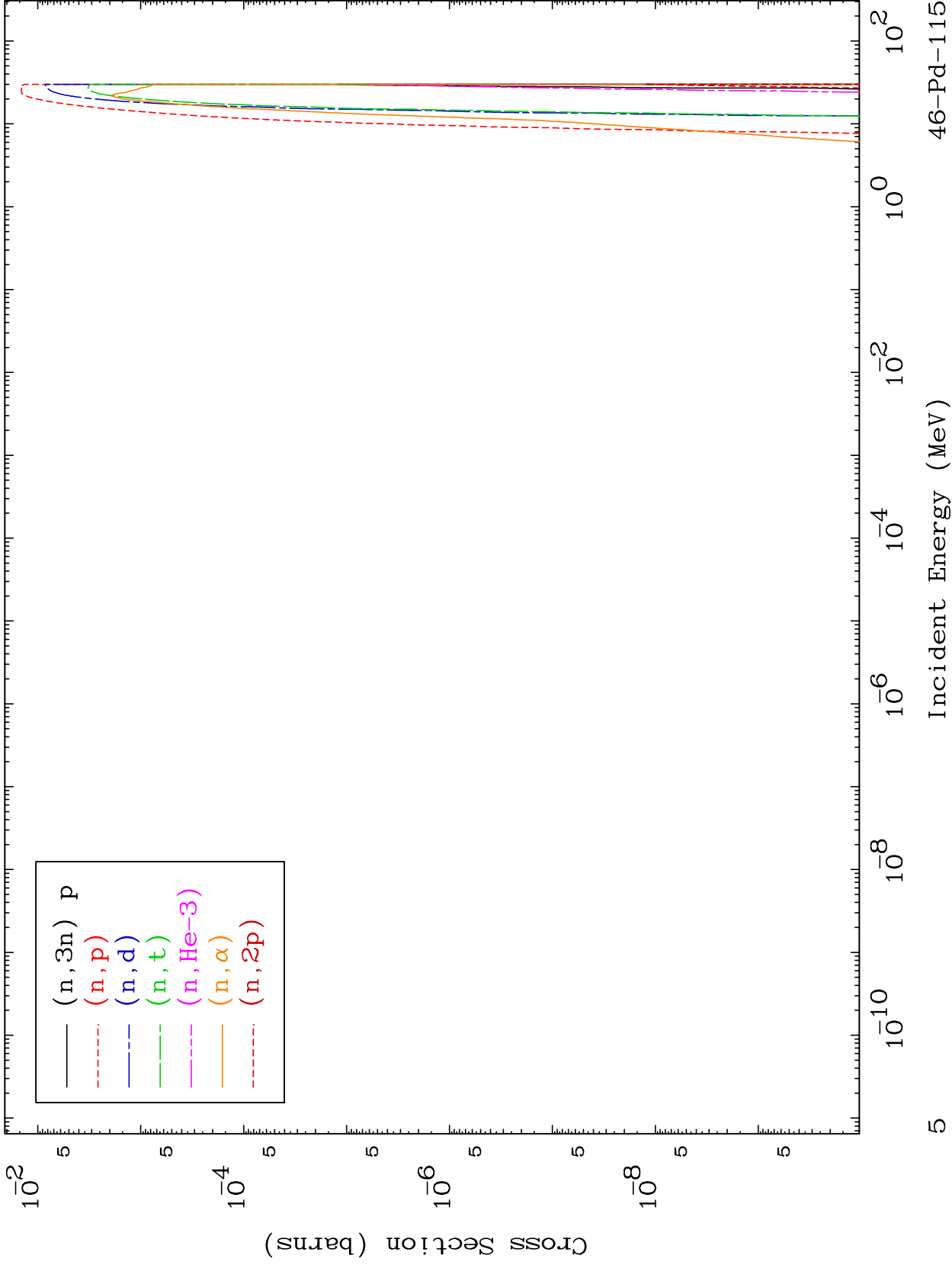




MAT 4665

Charged Particle  
293 Kelvin Cross Sections

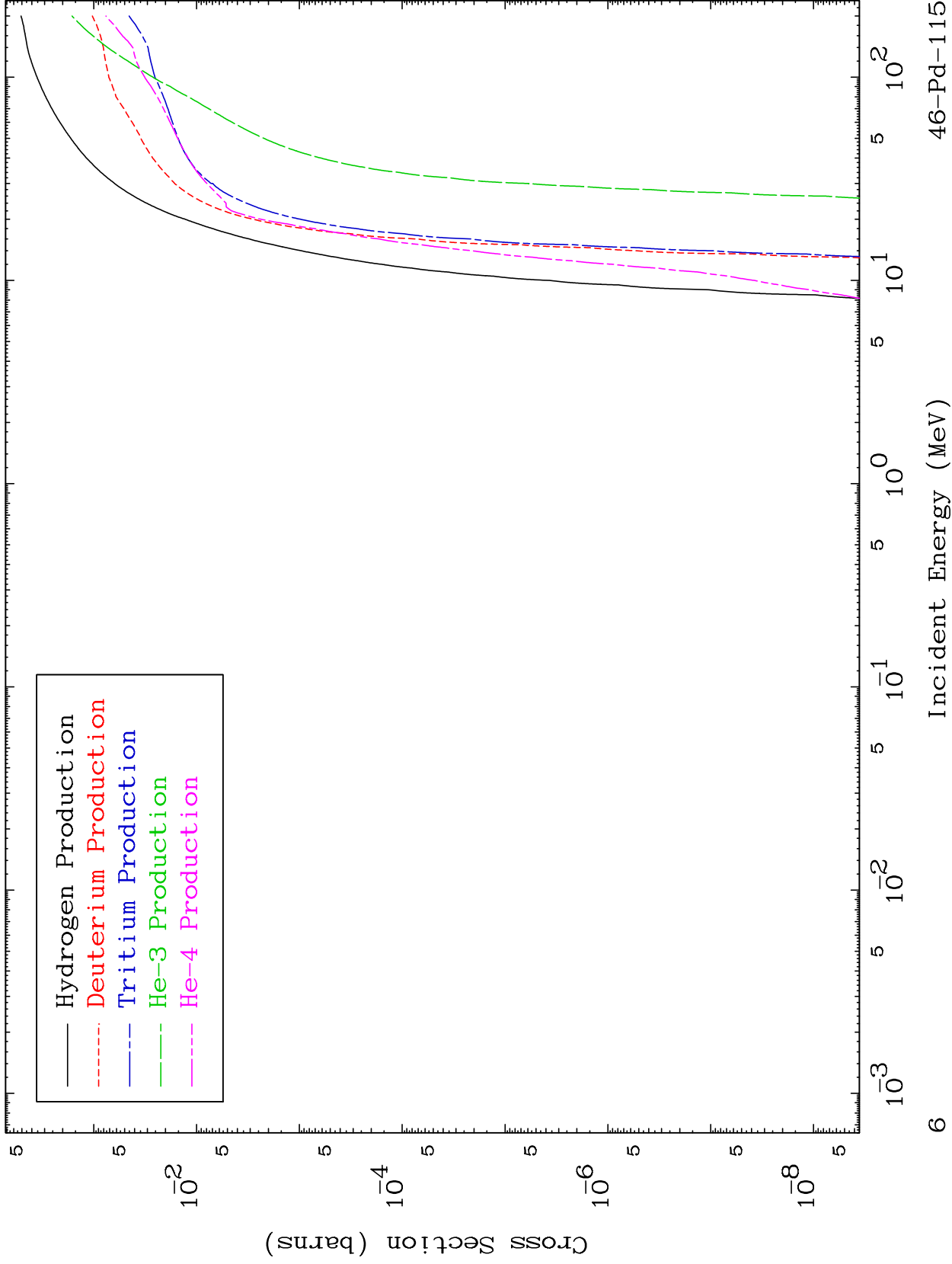
46-Pd-115



MAT 4665

Particle Production  
293 Kelvin Cross Sections

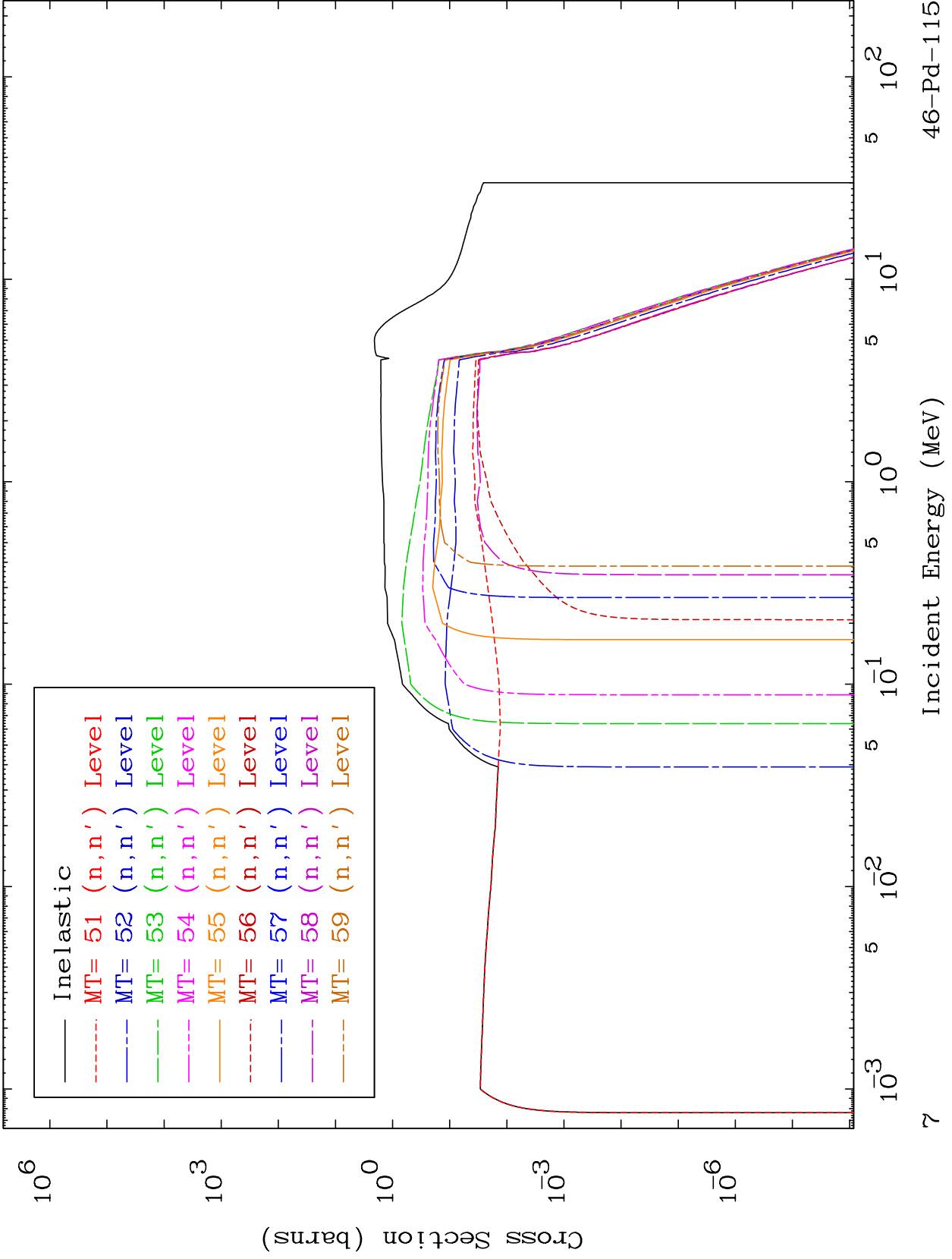
46-Pd-115



MAT 4665

(n,n') Level  
293 Kelvin Cross Sections

46-Pd-115



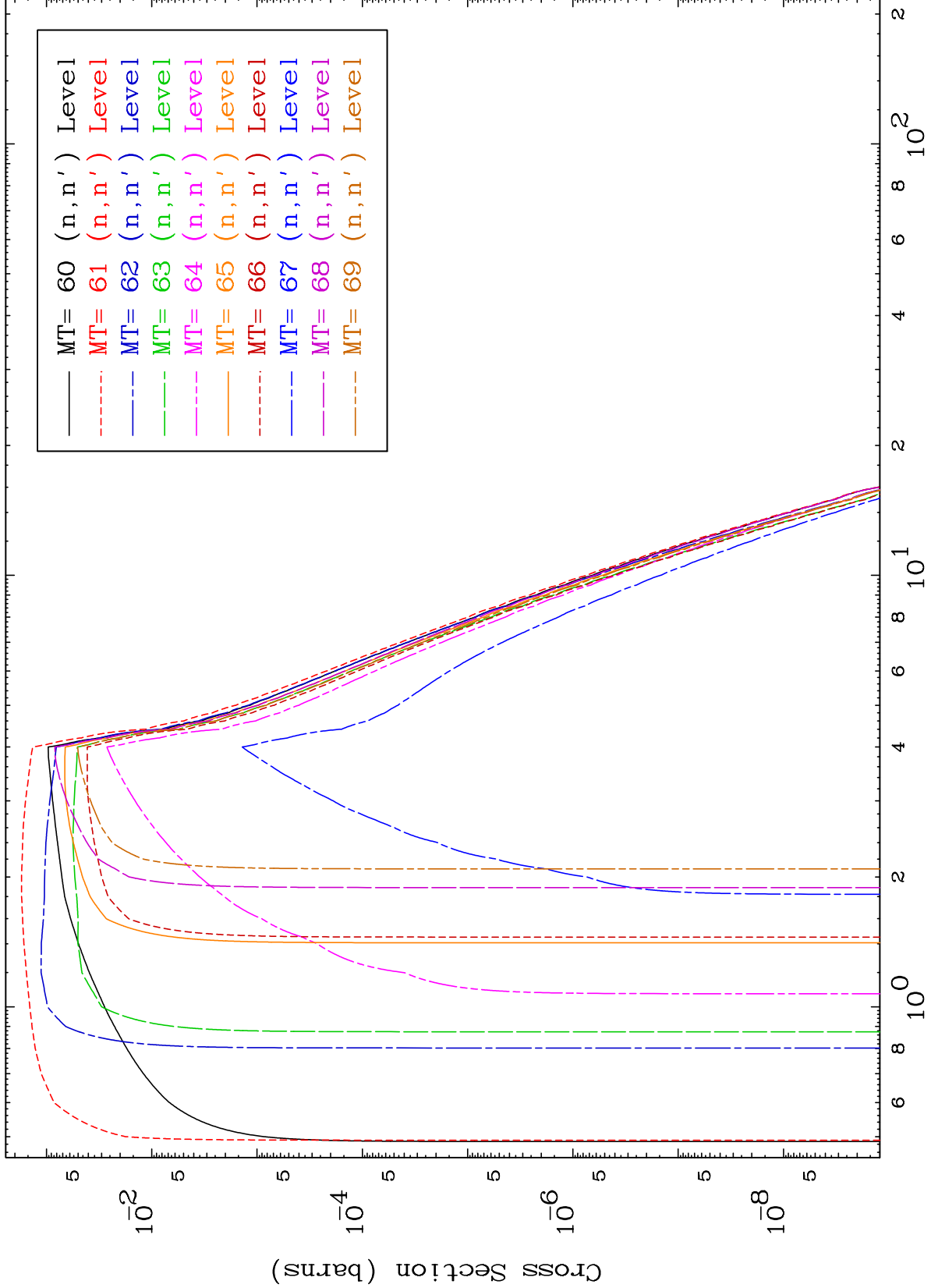


MAT 4665

(n,n') Level

46-Pd-115

293 Kelvin Cross Sections

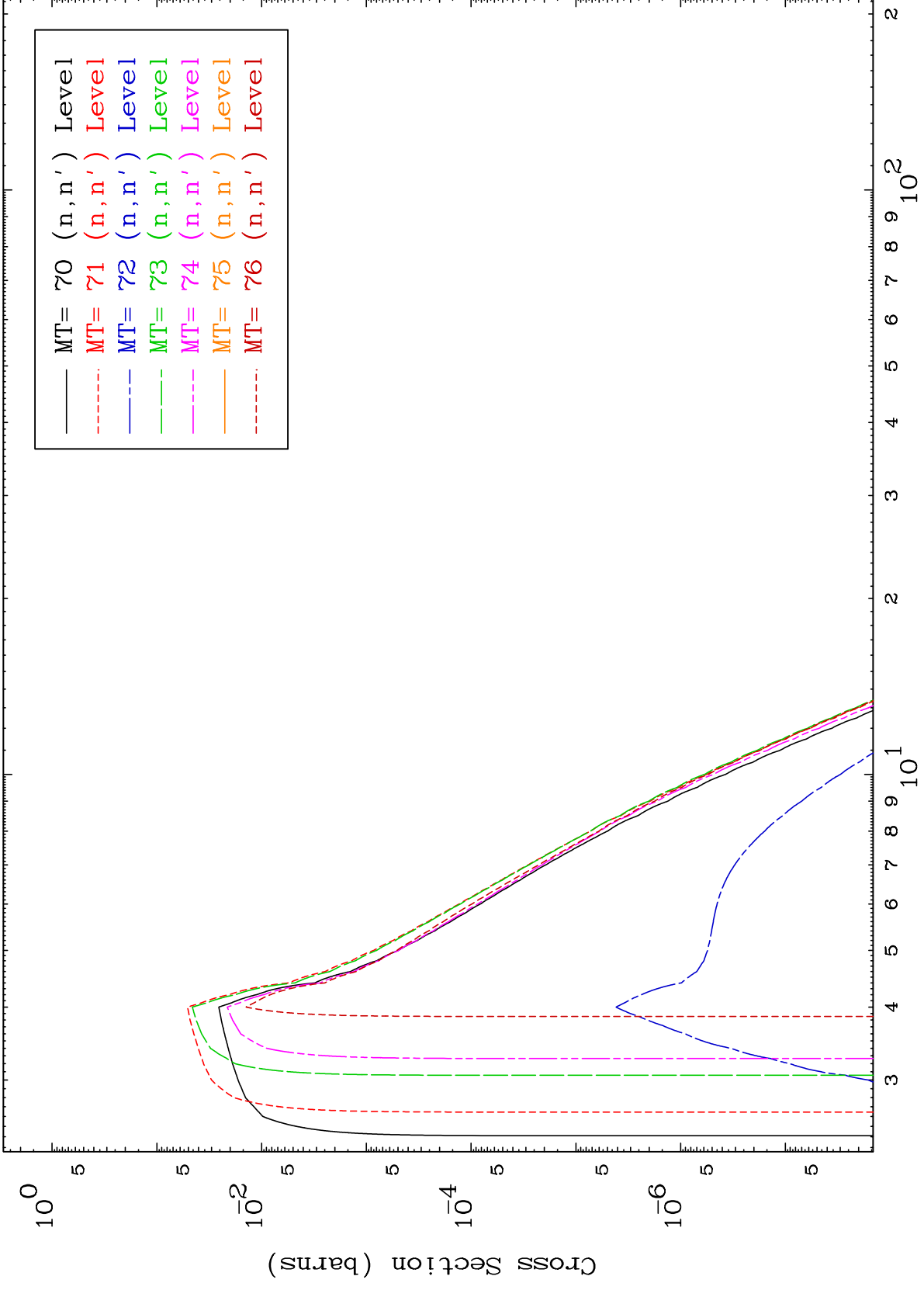


8

Incident Energy (MeV)

46-Pd-115

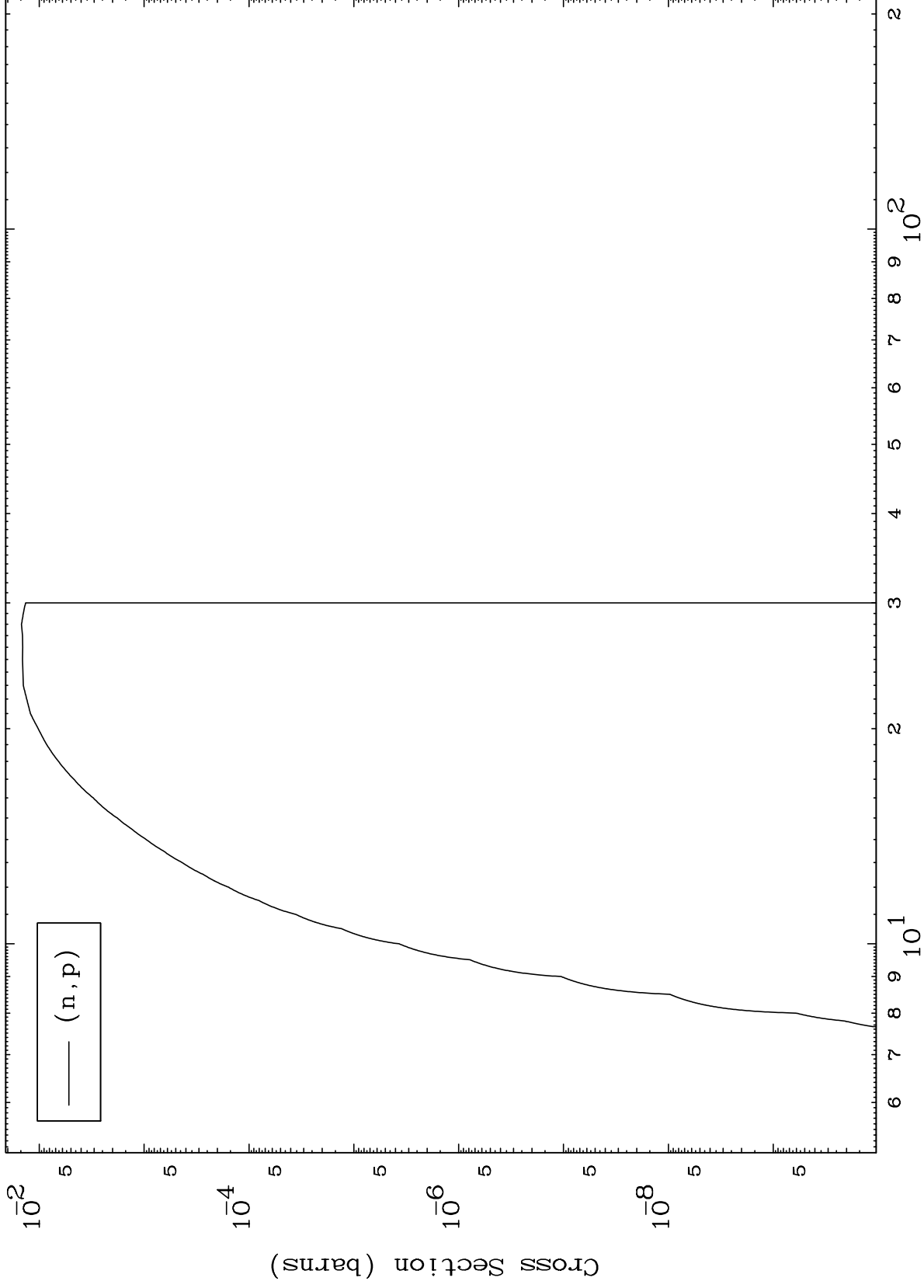
293 Kelvin Cross Sections



MAT 4665

(n,p) Levels  
293 Kelvin Cross Sections

46-Pd-115



10

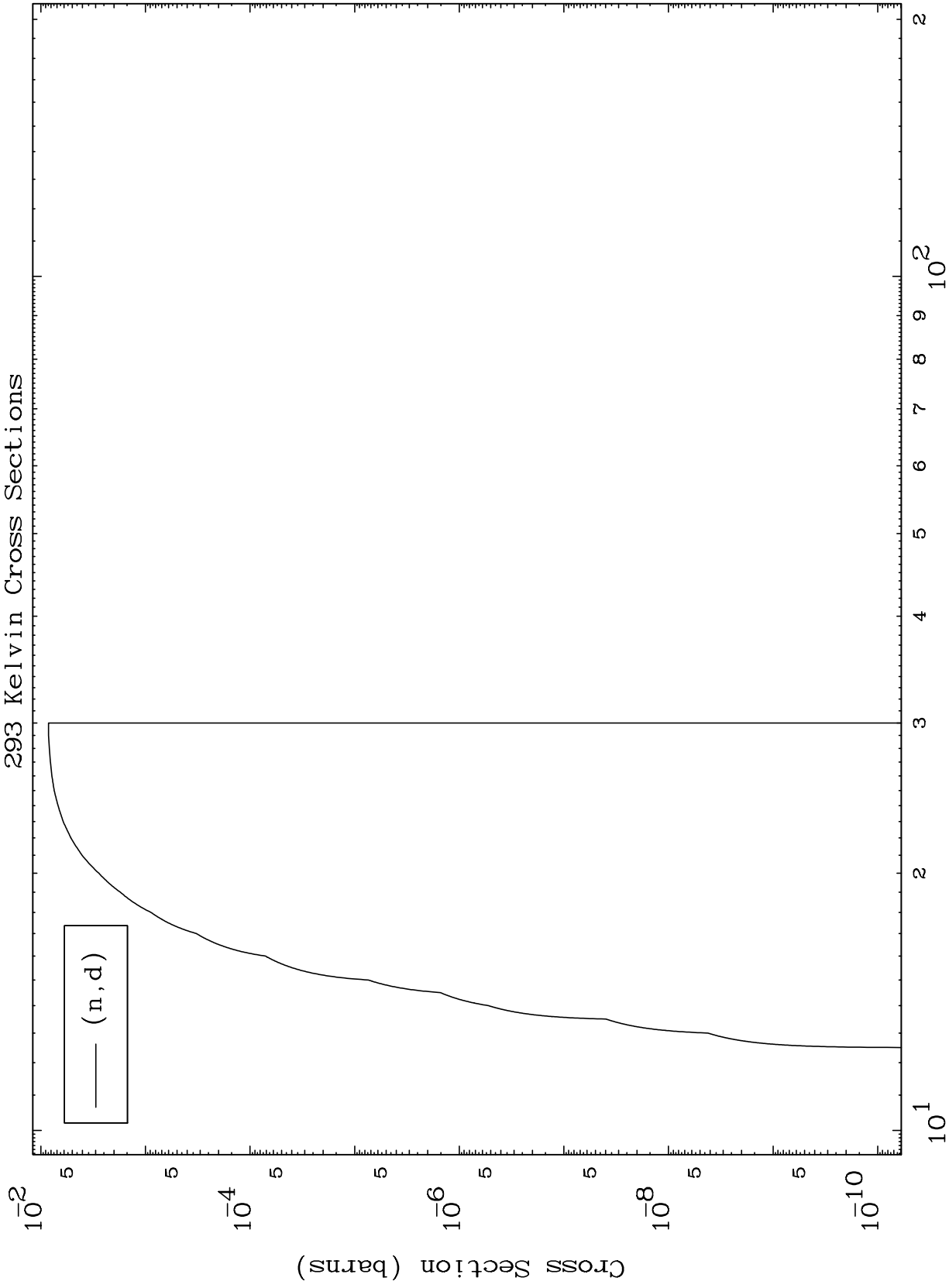
Incident Energy (MeV)

46-Pd-115

MAT 4665

(n,d) Levels  
293 Kelvin Cross Sections

46-Pd-115



11

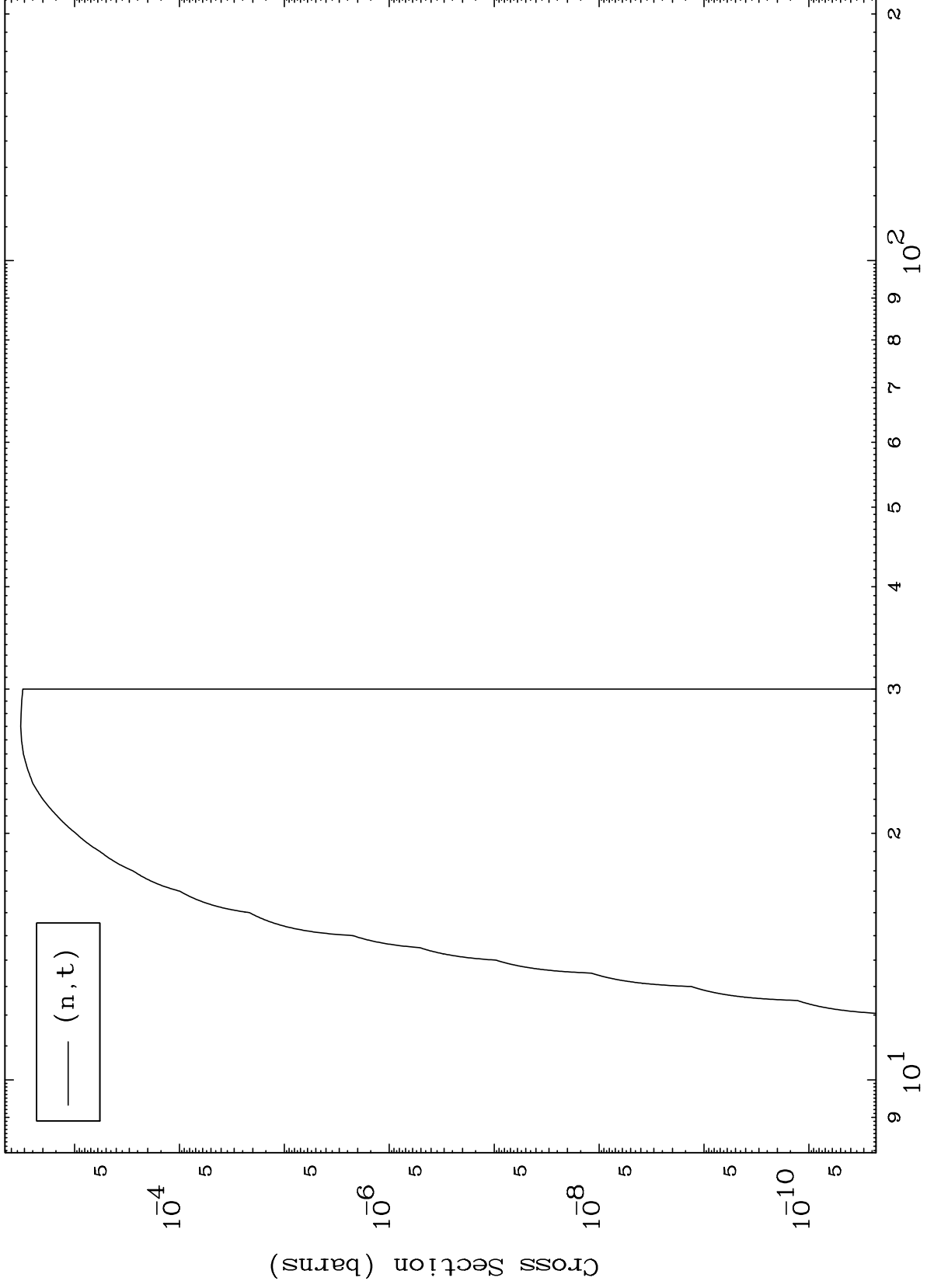
Incident Energy (MeV)

46-Pd-115

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(n,t) Levels  
293 Kelvin Cross Sections

46-Pd-115



12

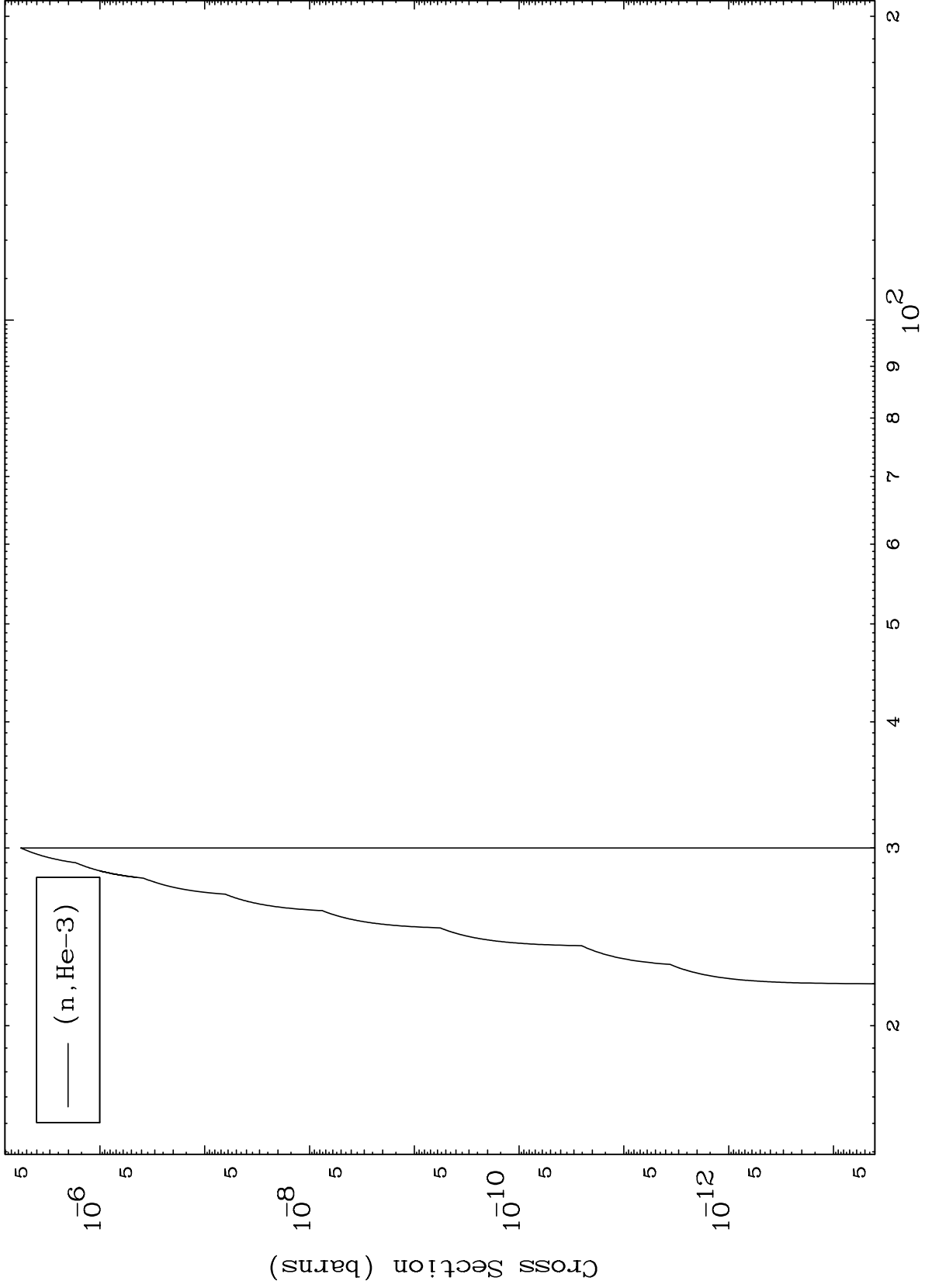
Incident Energy (MeV)

46-Pd-115

MAT 4665

(n,He3) Levels  
293 Kelvin Cross Sections

46-Pd-115



13

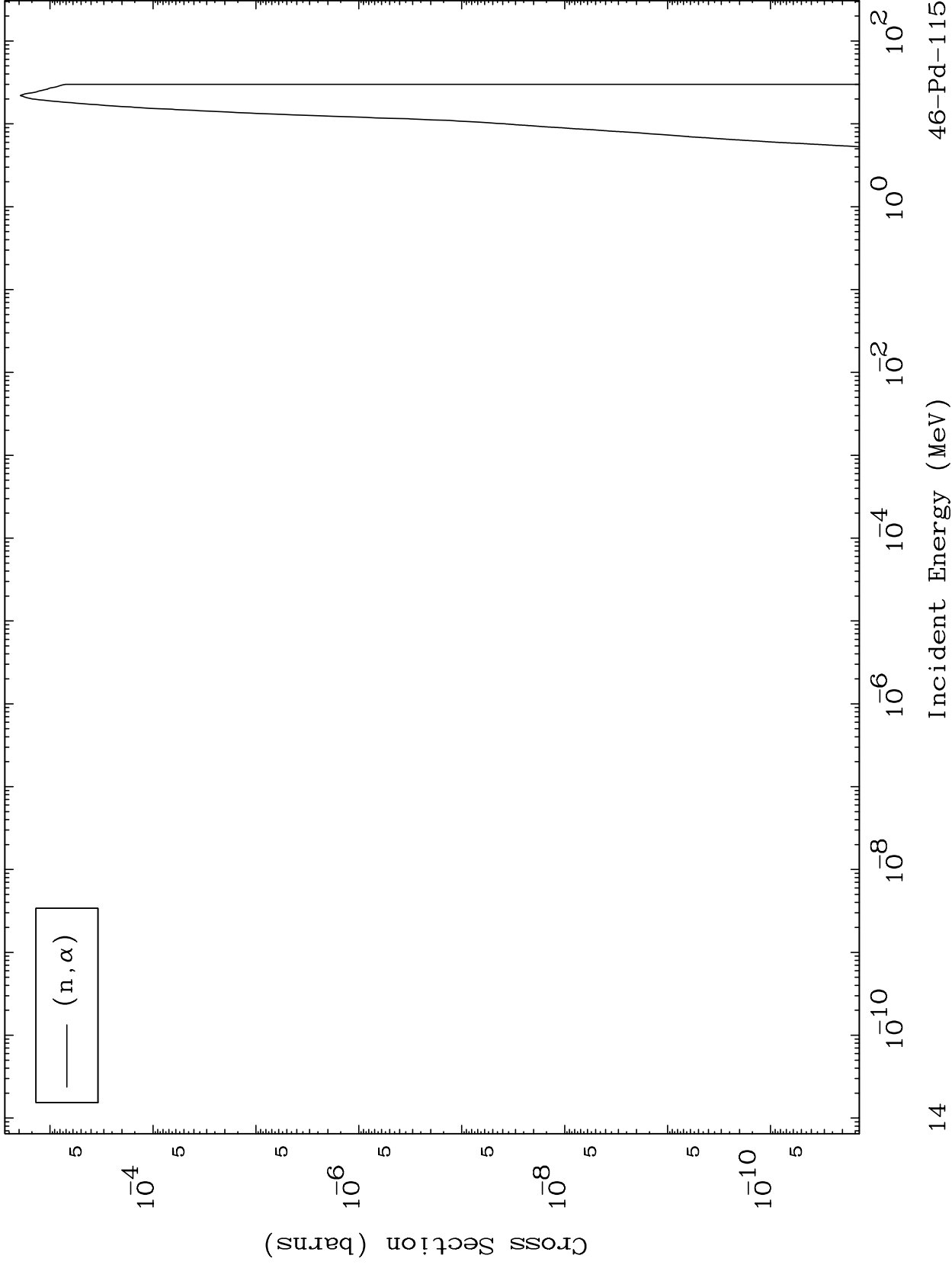
Incident Energy (MeV)

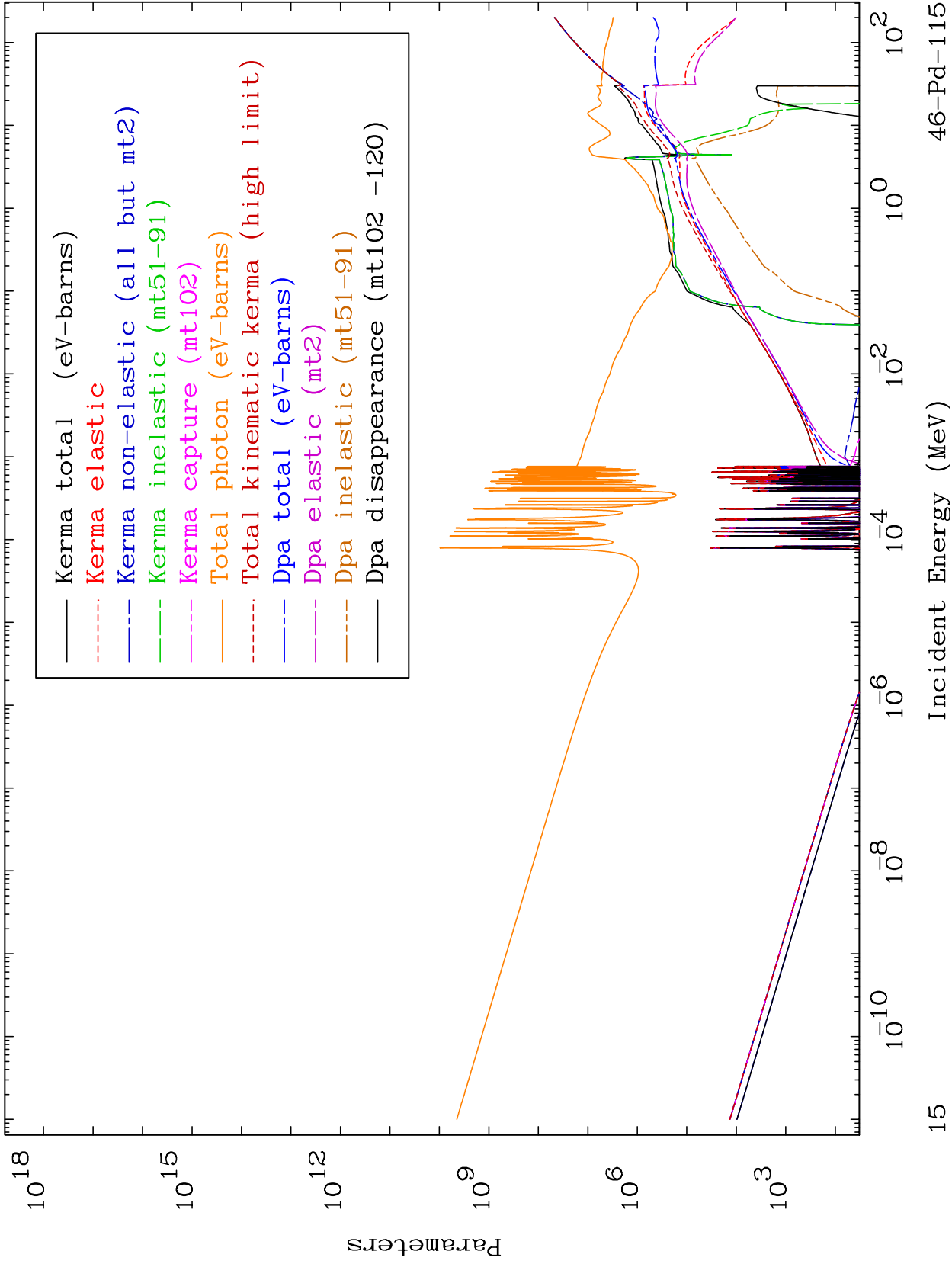
46-Pd-115

MAT 4665

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

46-Pd-115





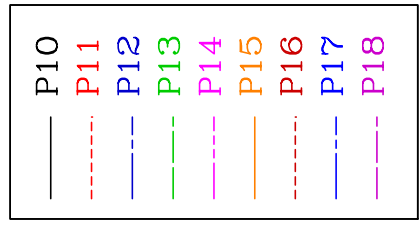




MAT 4665

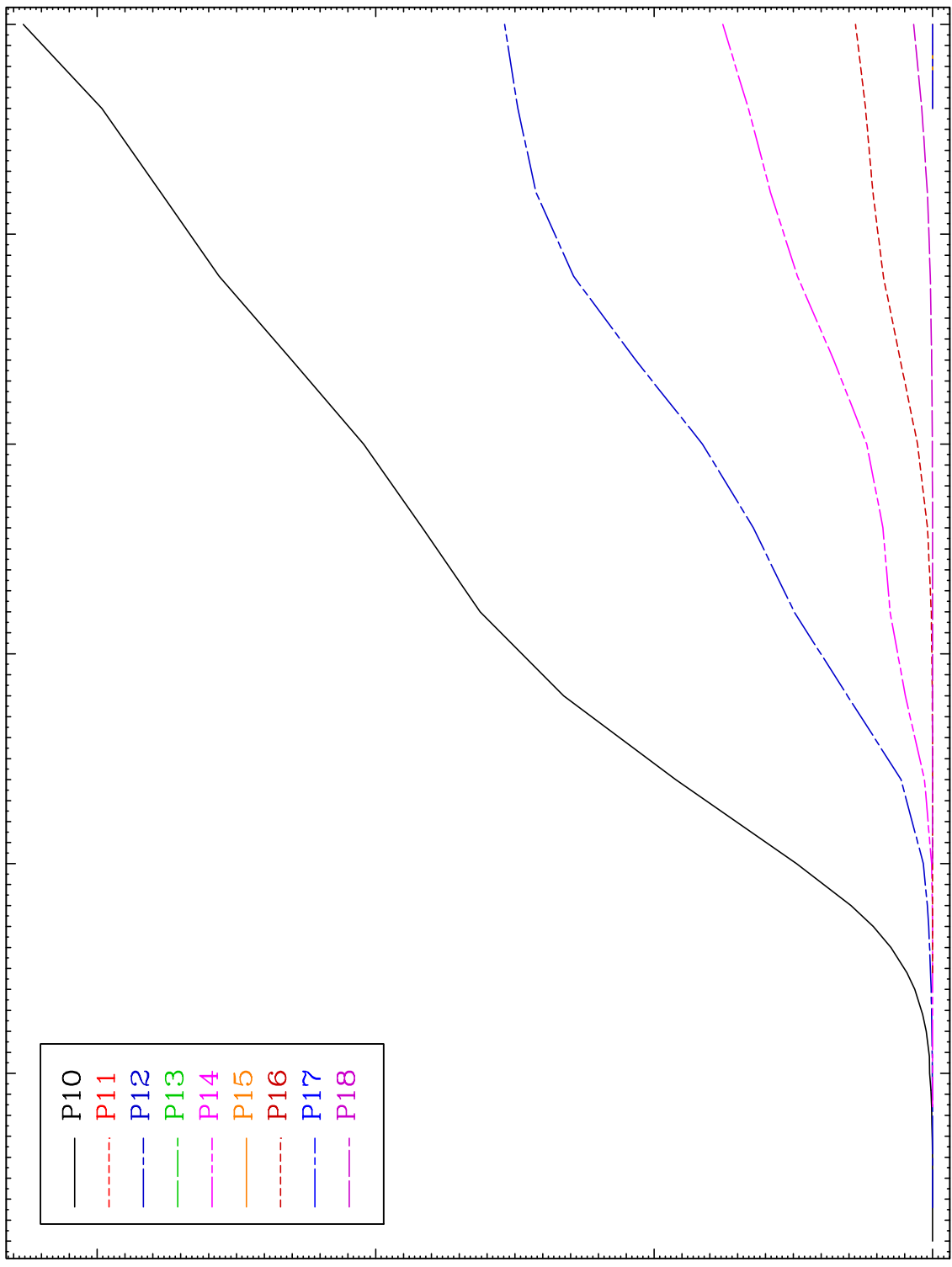
Elastic Legendre Coefficients

46-Pd-115



$\times 10^{-4}$

Legendre (CM)



17

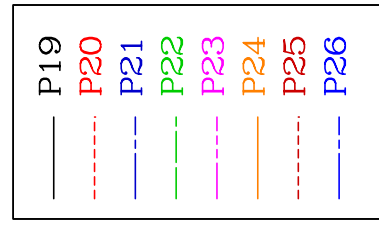
Incident Energy (MeV)

46-Pd-115

MAT 4665

Elastic Legendre Coefficients

46-Pd-115



$\times 10^{-7}$

6

4

2

0

Legendre (CM)

15

20

25

30

18

Incident Energy (MeV)

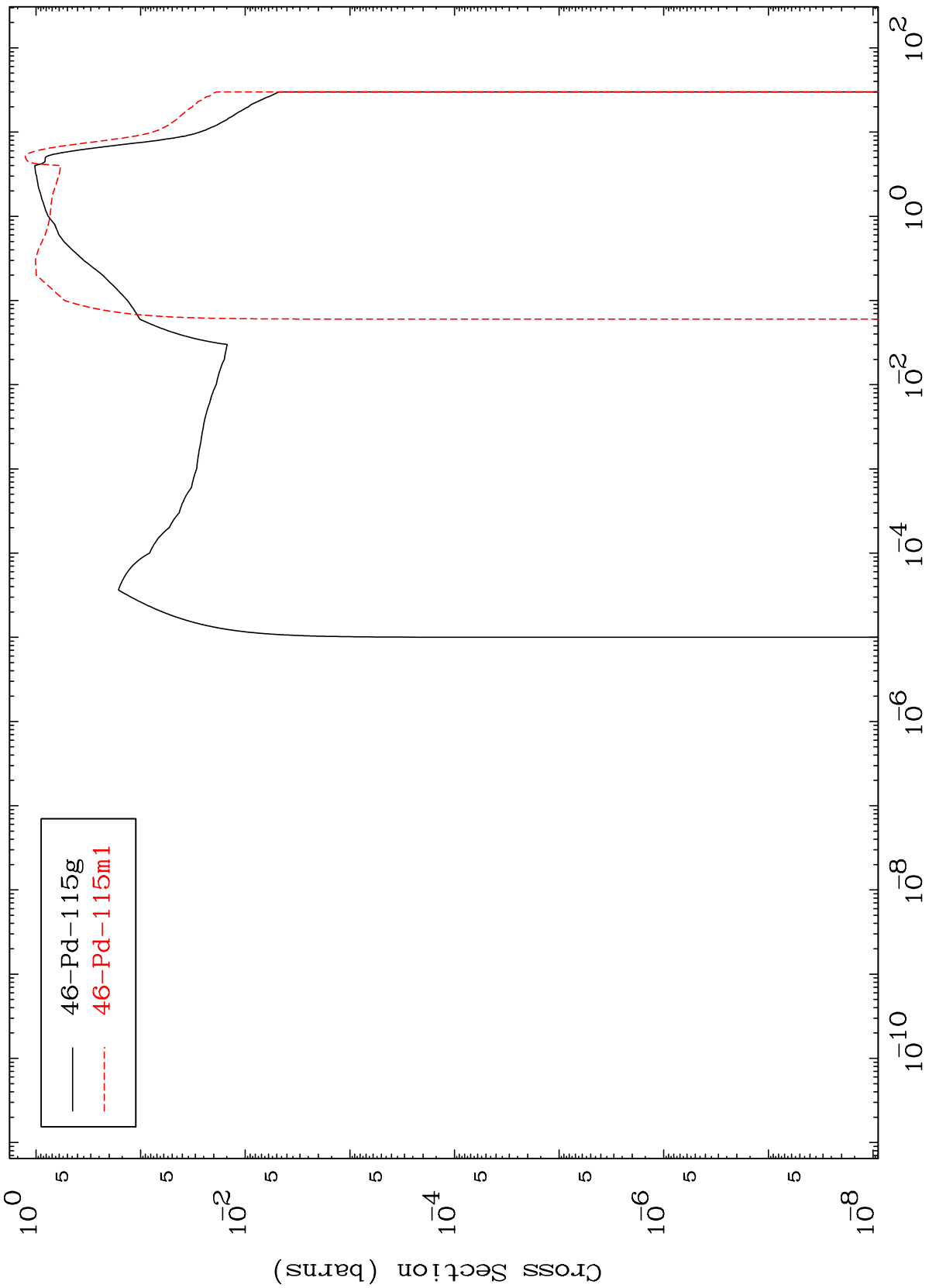
46-Pd-115

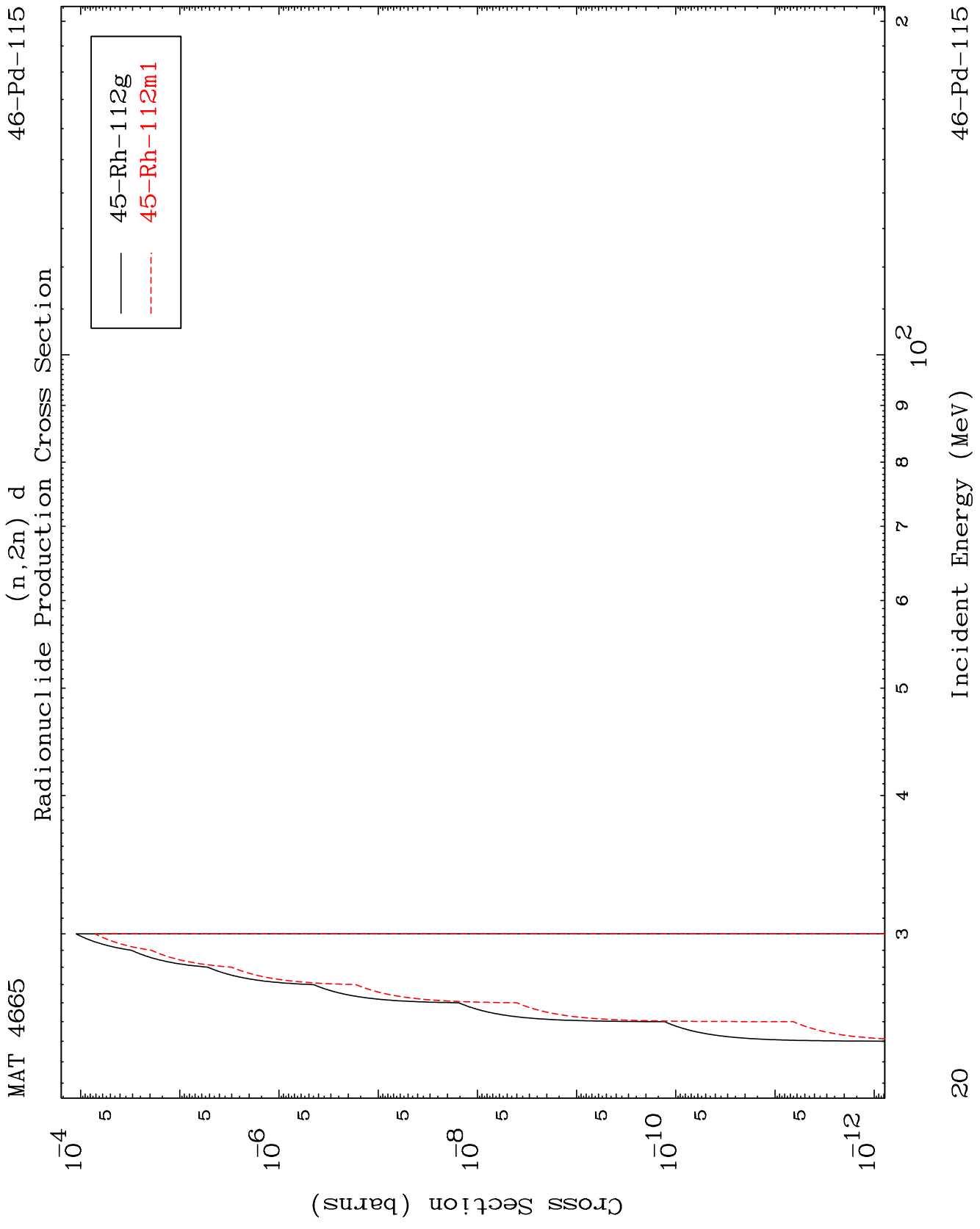


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46-Pd-115

Inelastic  
Radionuclide Production Cross Section



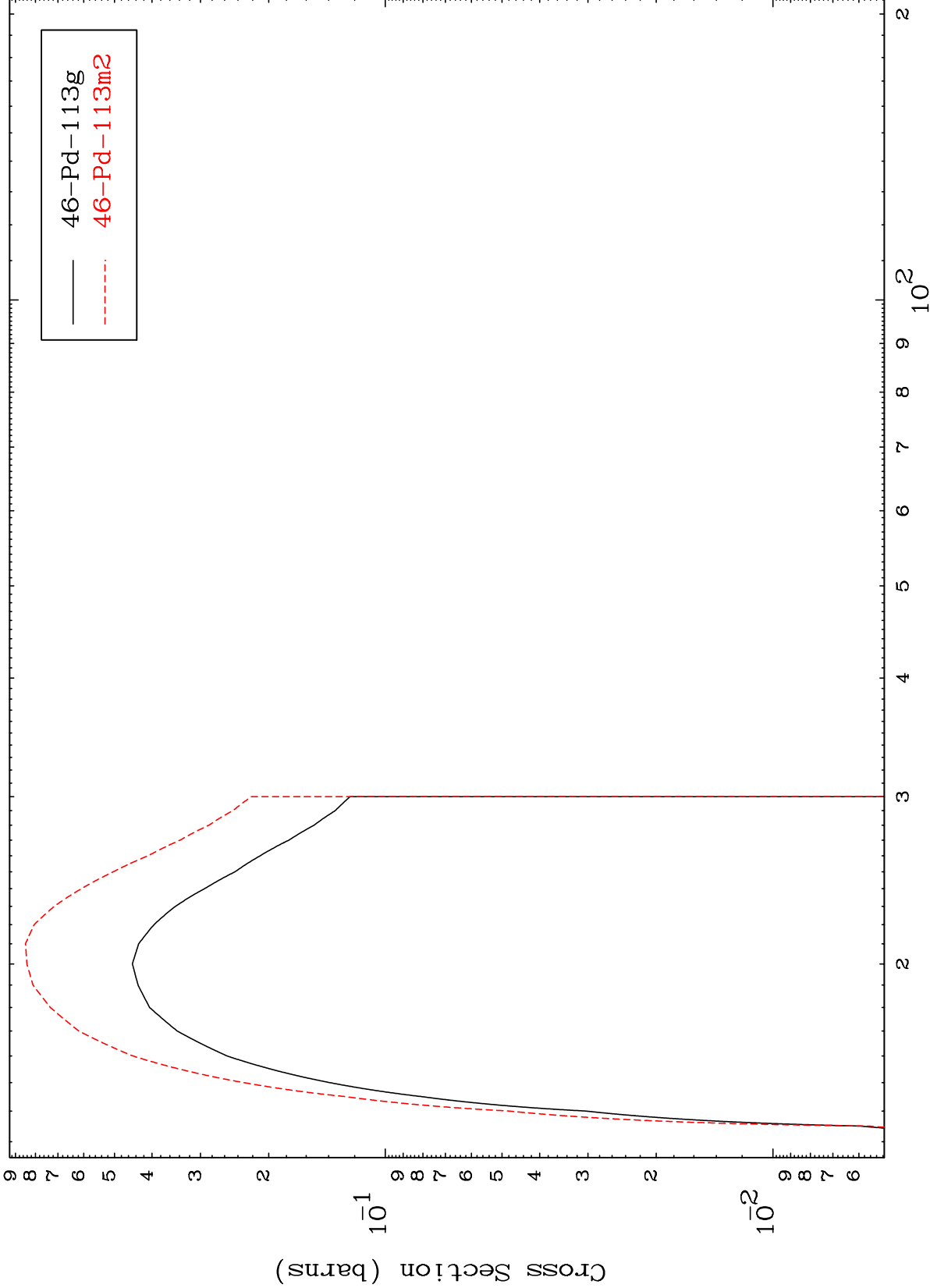


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(n,3n)

46-Pd-115

Radionuclide Production Cross Section



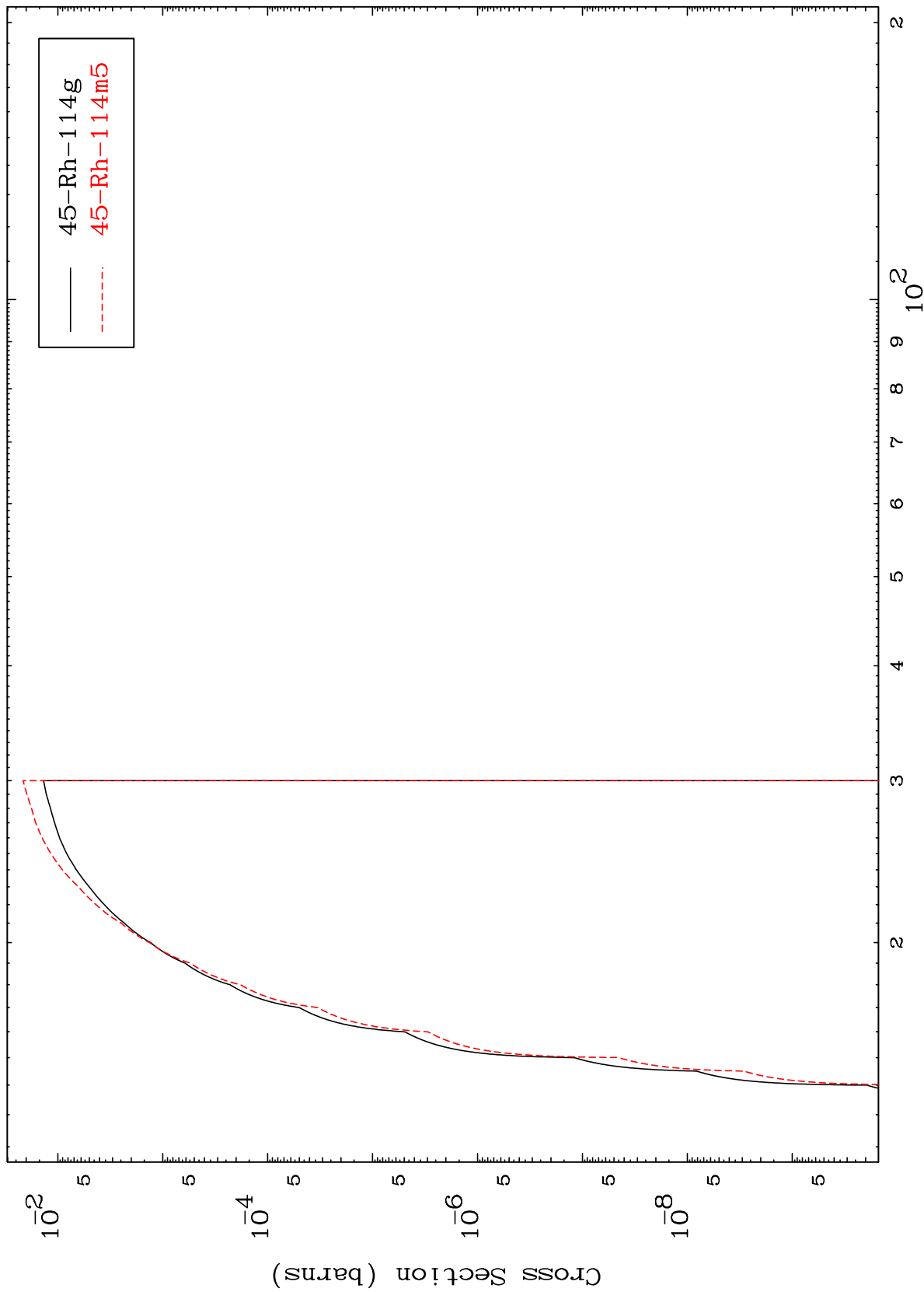
46-Pd-113g  
46-Pd-113m2

MAT 4665

$(n, n')$  p

46-Pd-115

Radionuclide Production Cross Section



22

Incident Energy (MeV)

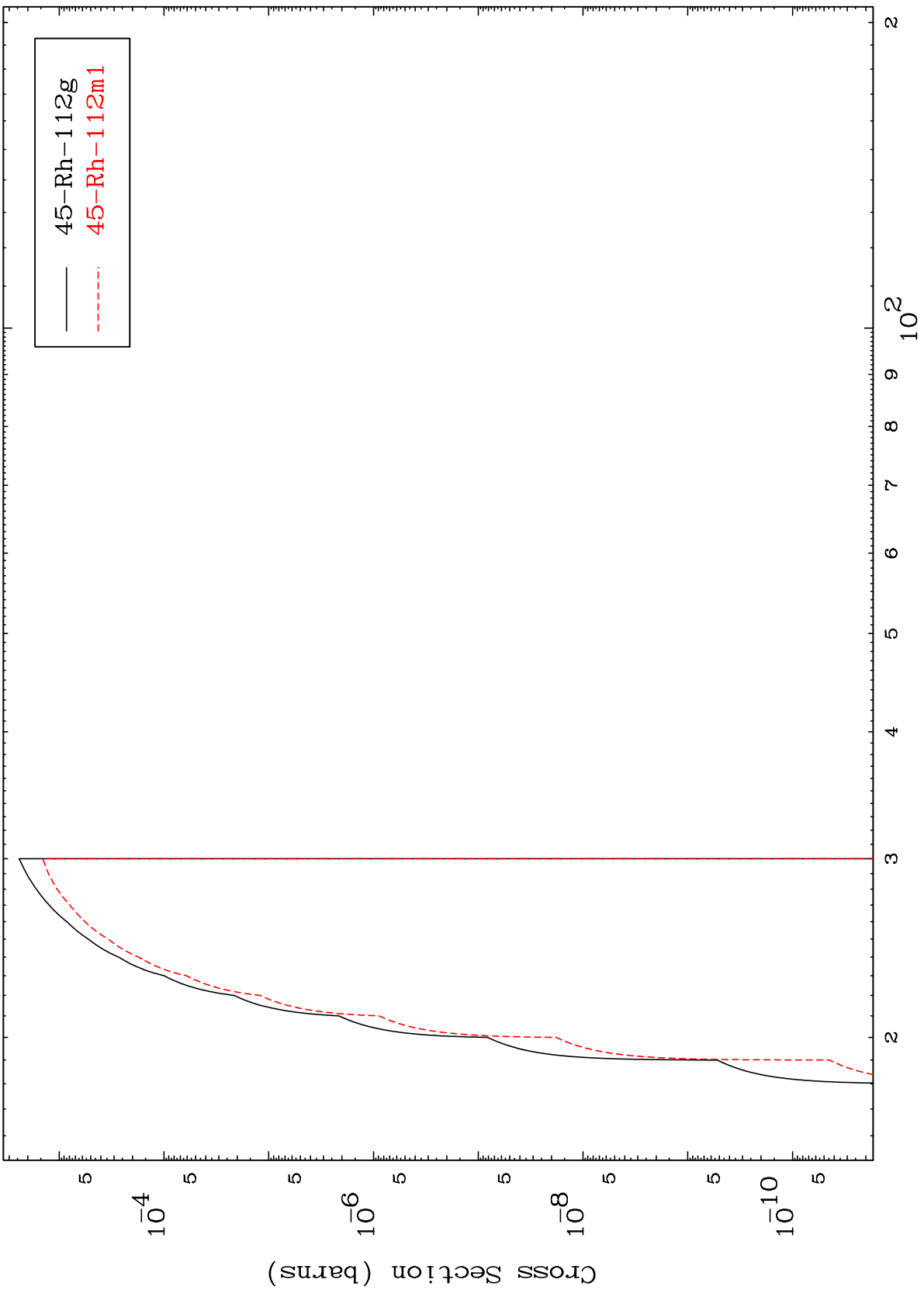
46-Pd-115

MAT 4665

(n,n') t

46-Pd-115

Radionuclide Production Cross Section



23

Incident Energy (MeV)

46-Pd-115

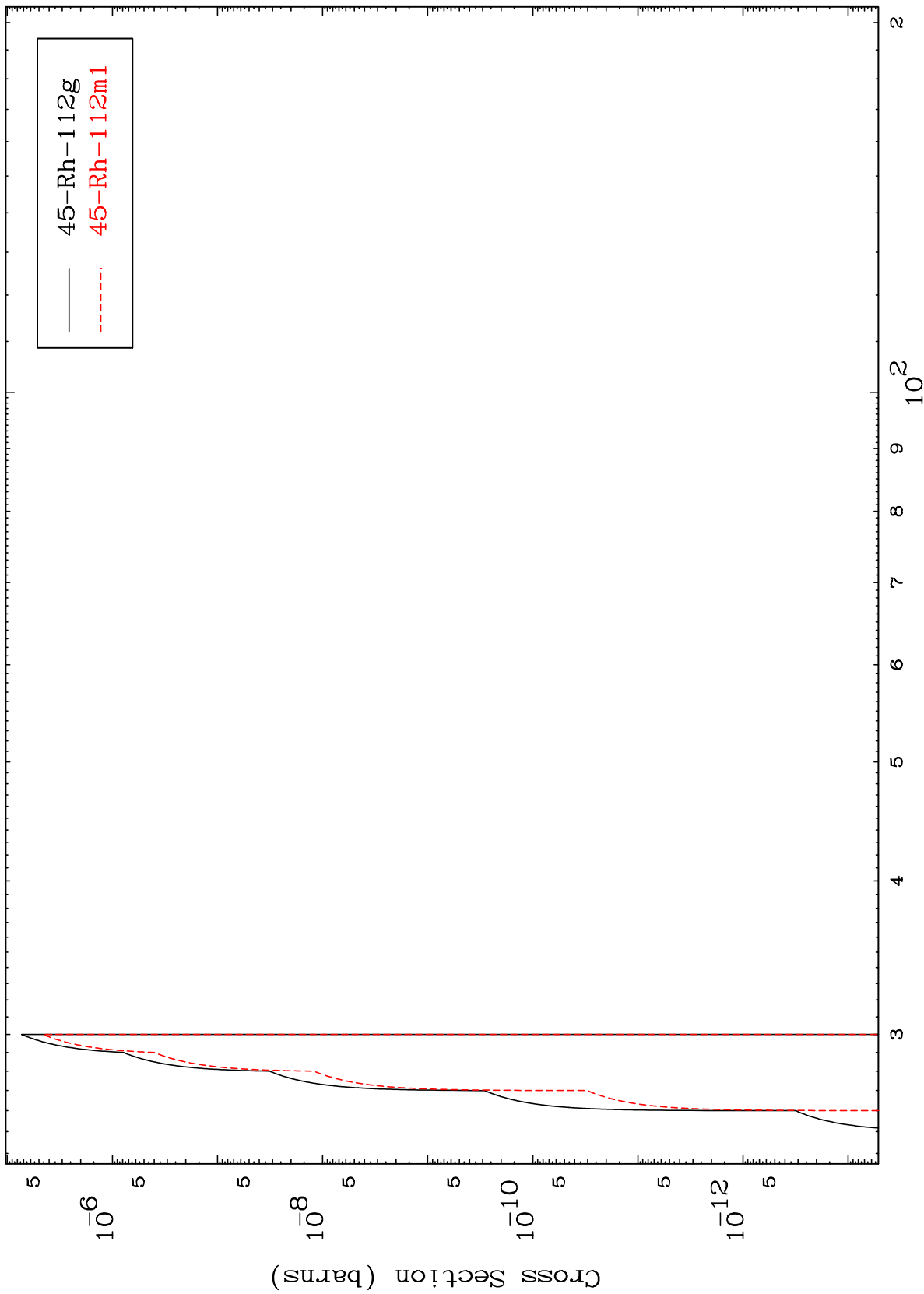


MAT 4665

(n,3n) p

46-Pd-115

Radionuclide Production Cross Section



45-Rh-112g  
45-Rh-112m1

24

Incident Energy (MeV)

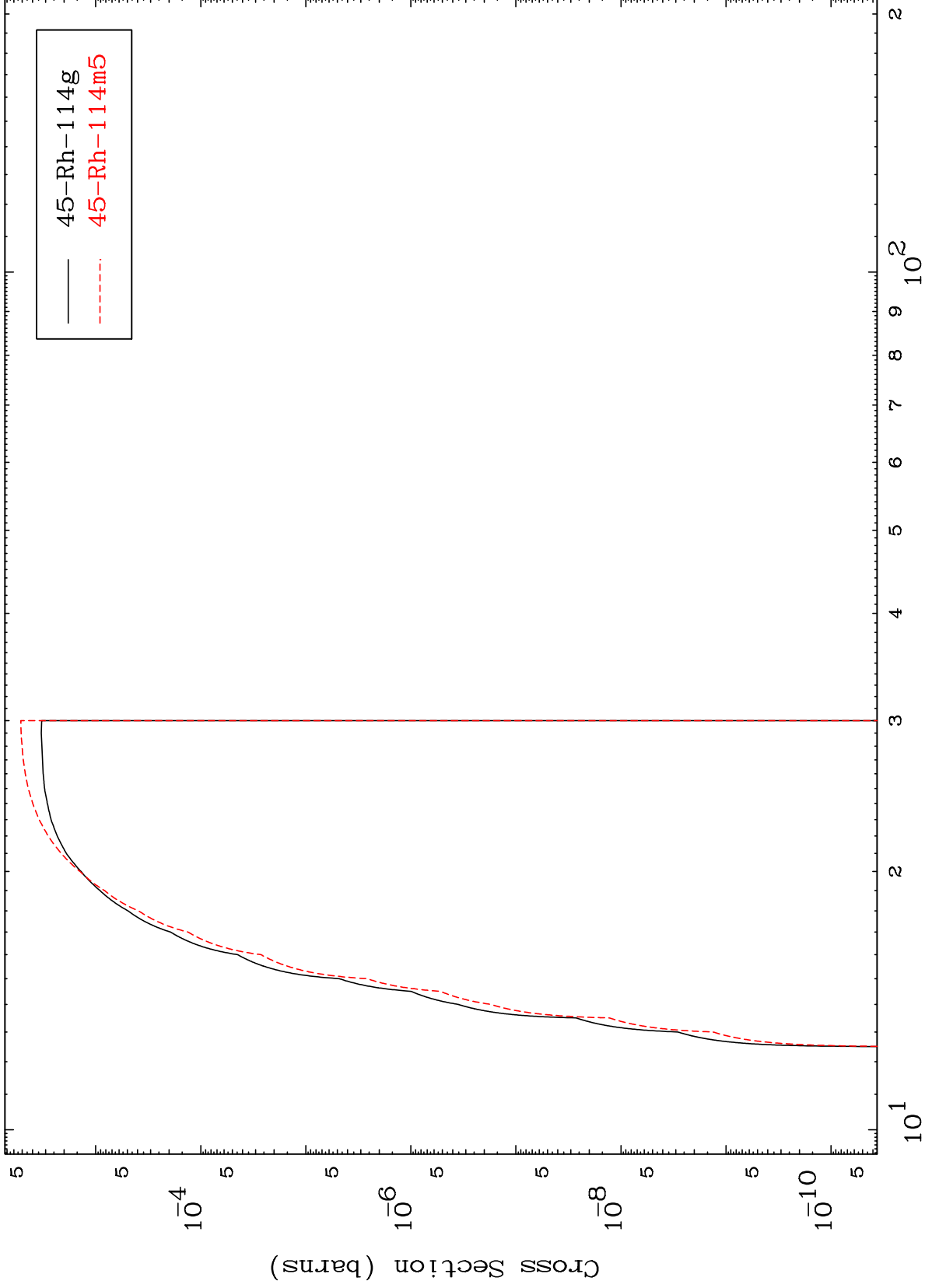
46-Pd-115

MAT 4665

(n,d)

46-Pd-115

Radionuclide Production Cross Section



25

Incident Energy (MeV)

46-Pd-115