

Program EVALPLOT  
(Version 2021-1)

by

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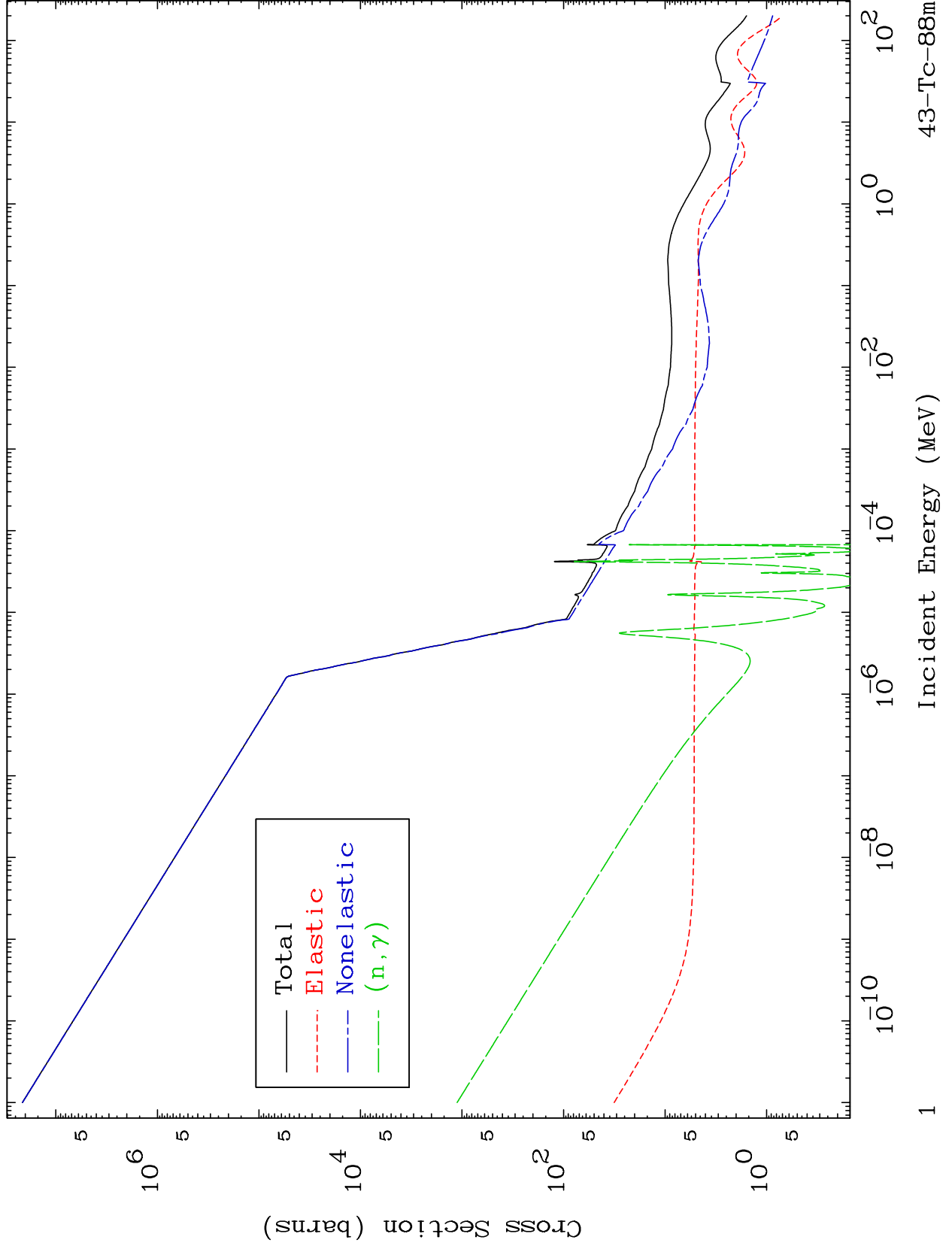
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4293

Neutron Major  
293 Kelvin Cross Sections

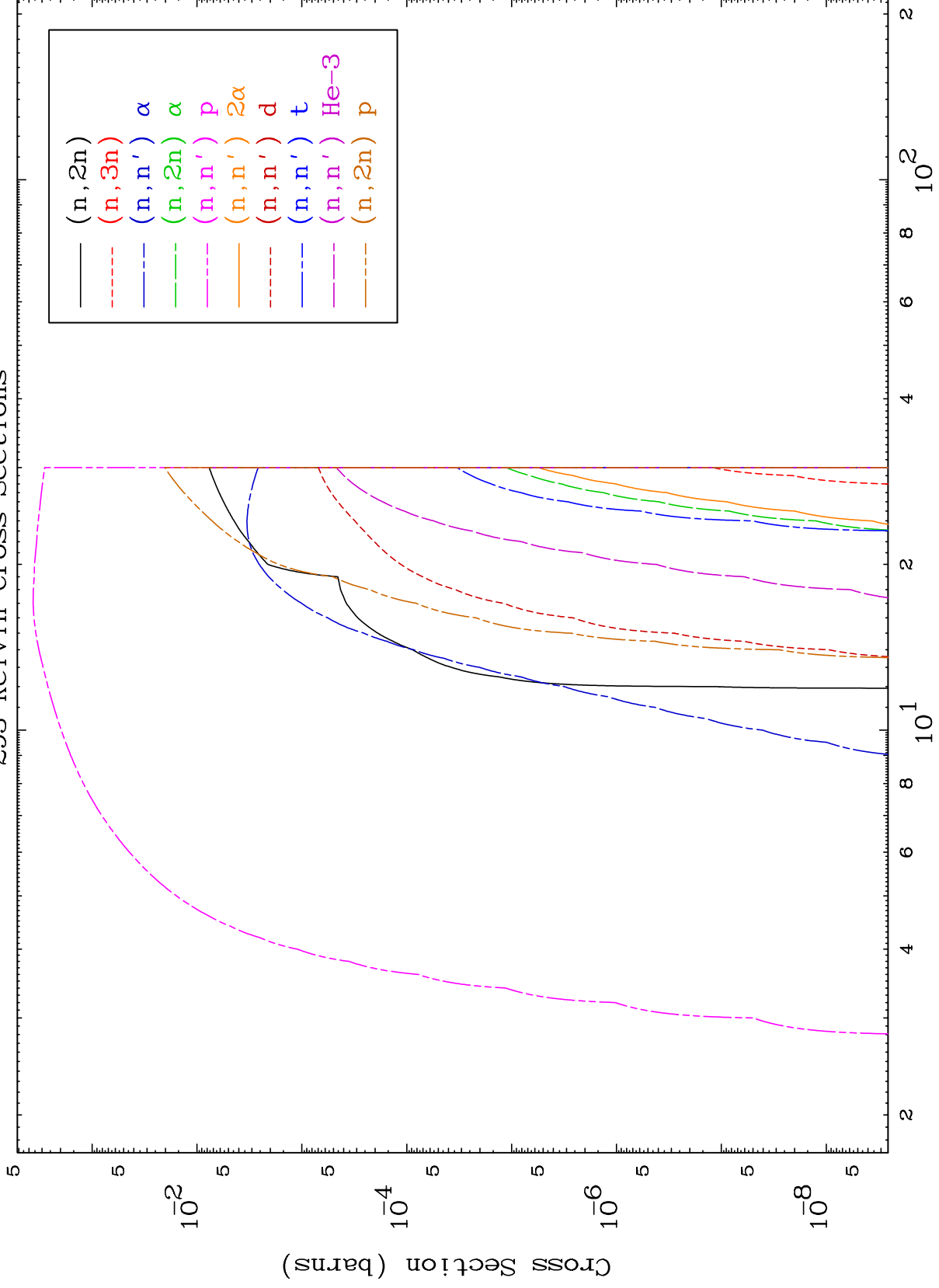
43-Tc-88m



MAT 4293

Neutron Absorption  
293 Kelvin Cross Sections

43-Tc-88m



2

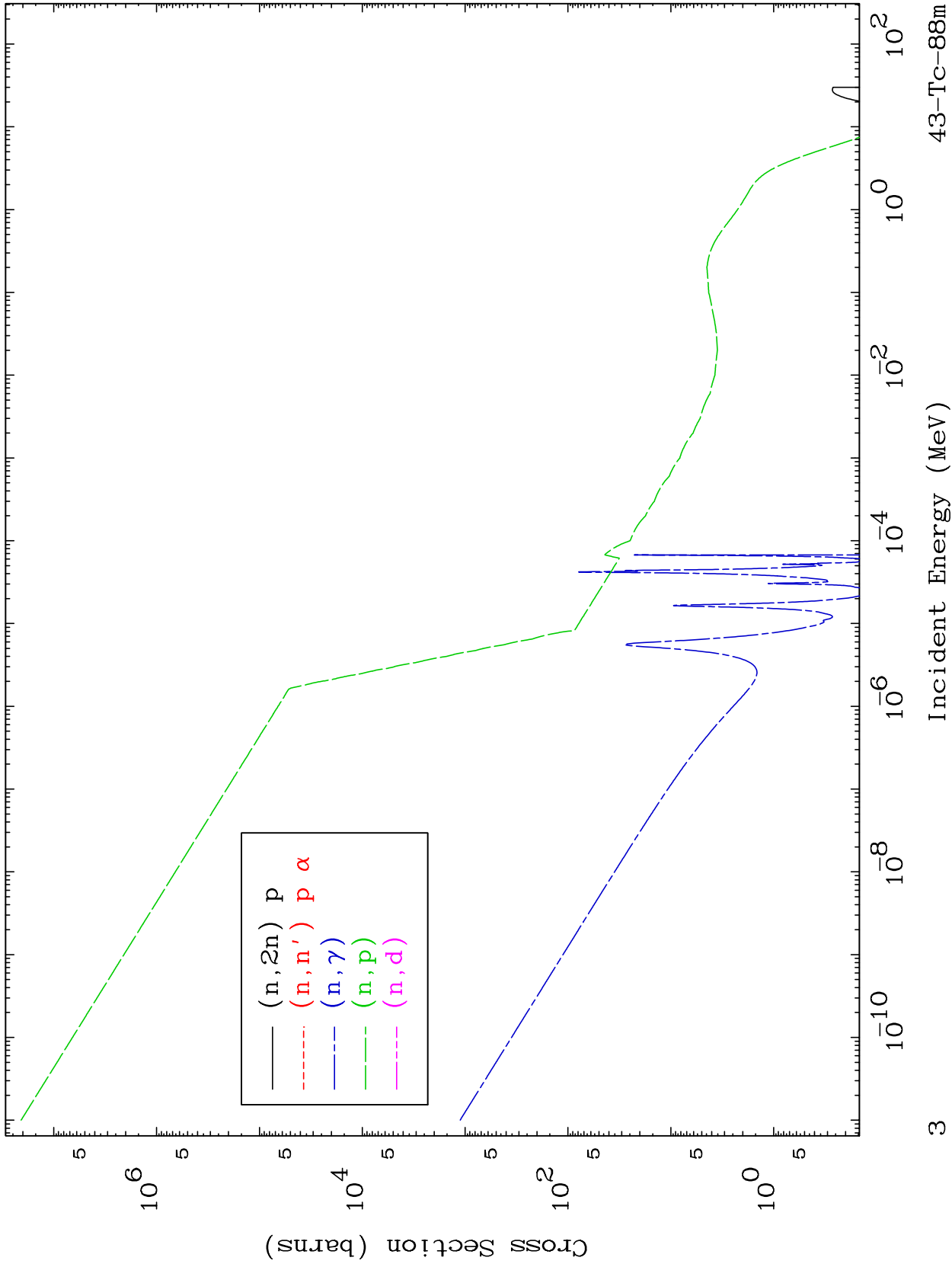
Incident Energy (MeV)

43-Tc-88m

MAT 4293

Neutron Absorption  
293 Kelvin Cross Sections

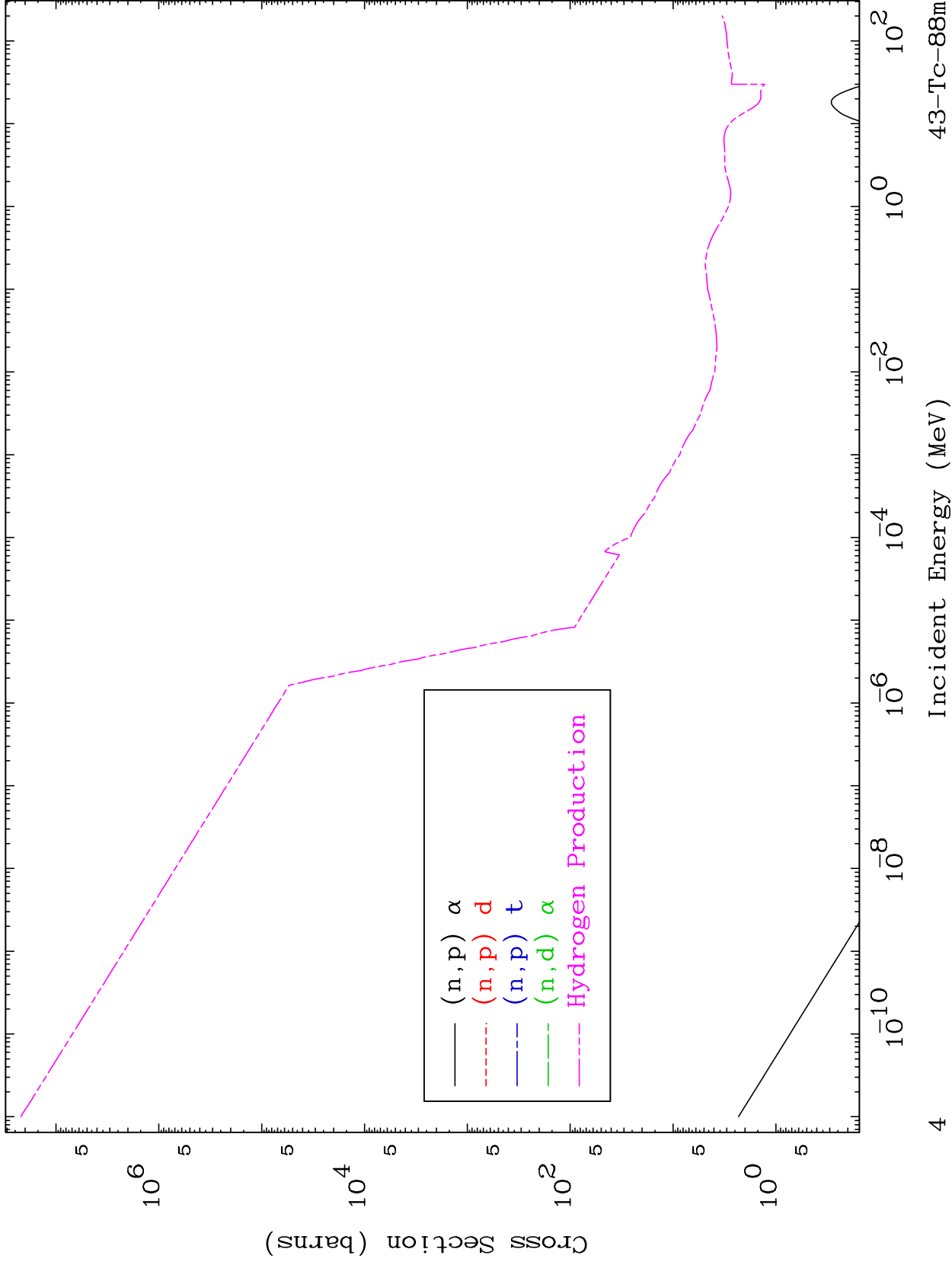
43-Tc-88m



MAT 4293

Neutron Absorption  
293 Kelvin Cross Sections

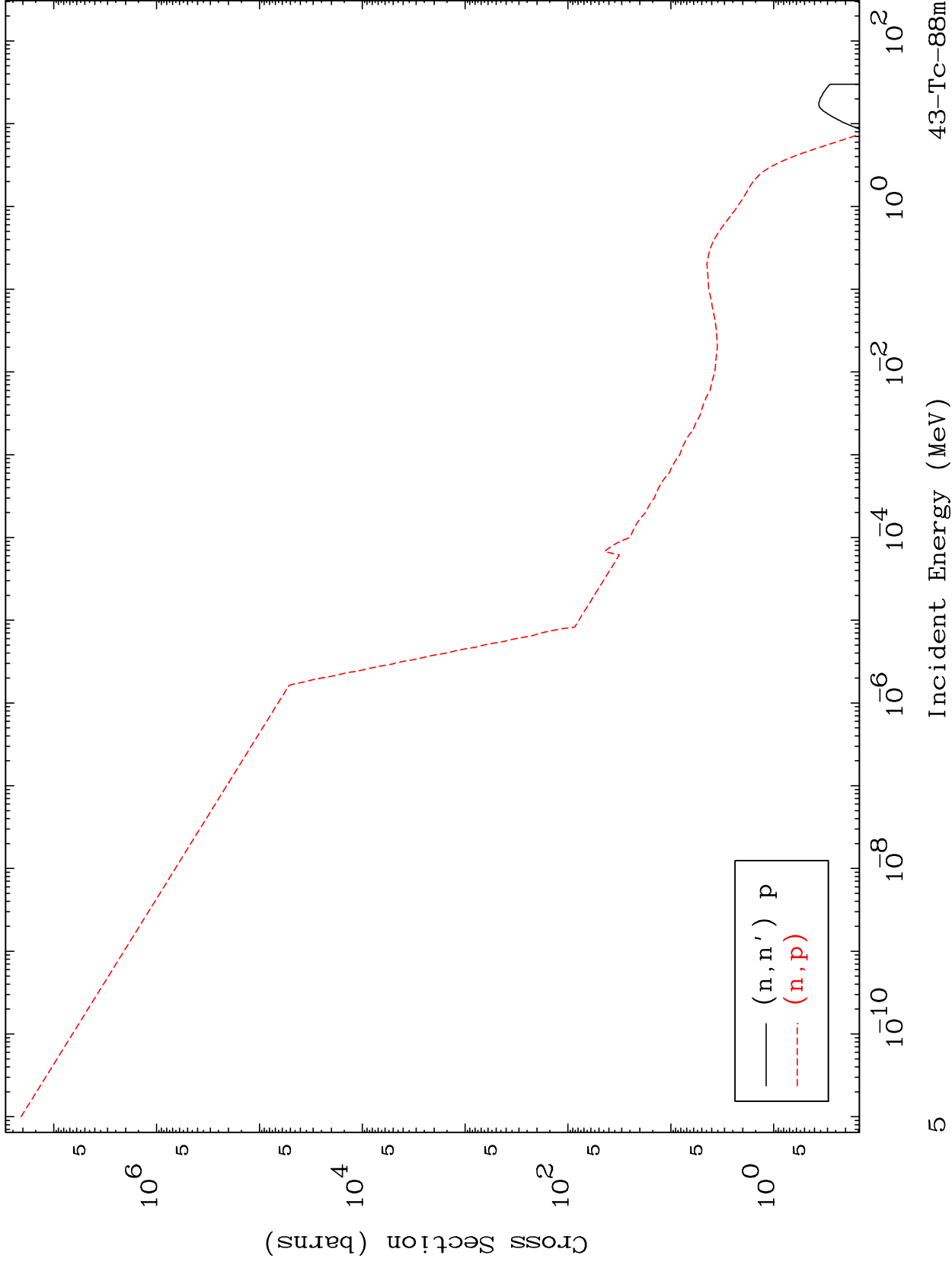
43-Tc-88m



MAT 4293

Charged Particle  
293 Kelvin Cross Sections

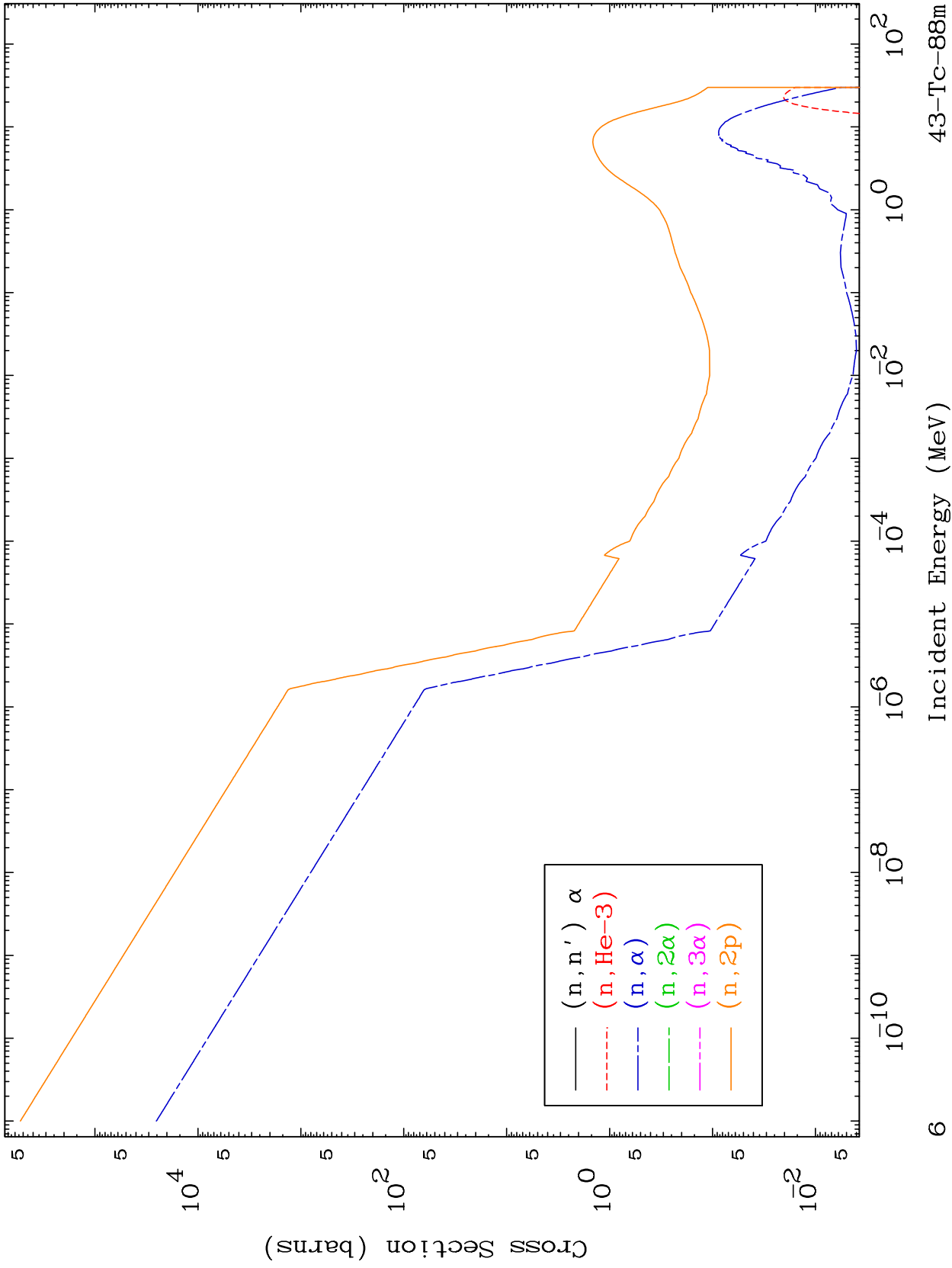
43-Tc-88m



MAT 4293

Charged Particle  
293 Kelvin Cross Sections

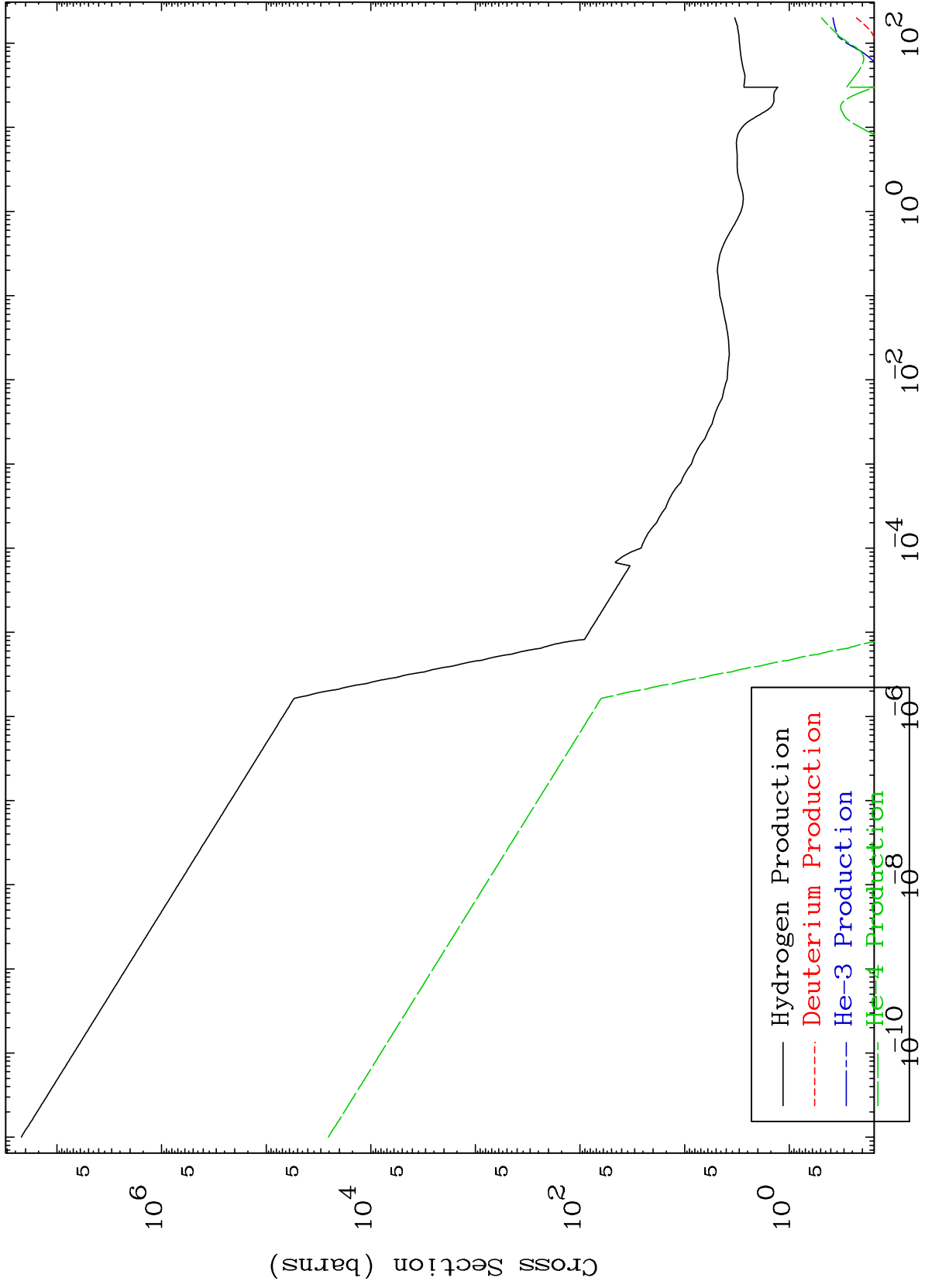
43-Tc-88m



MAT 4293

Particle Production  
293 Kelvin Cross Sections

43-Tc-88m

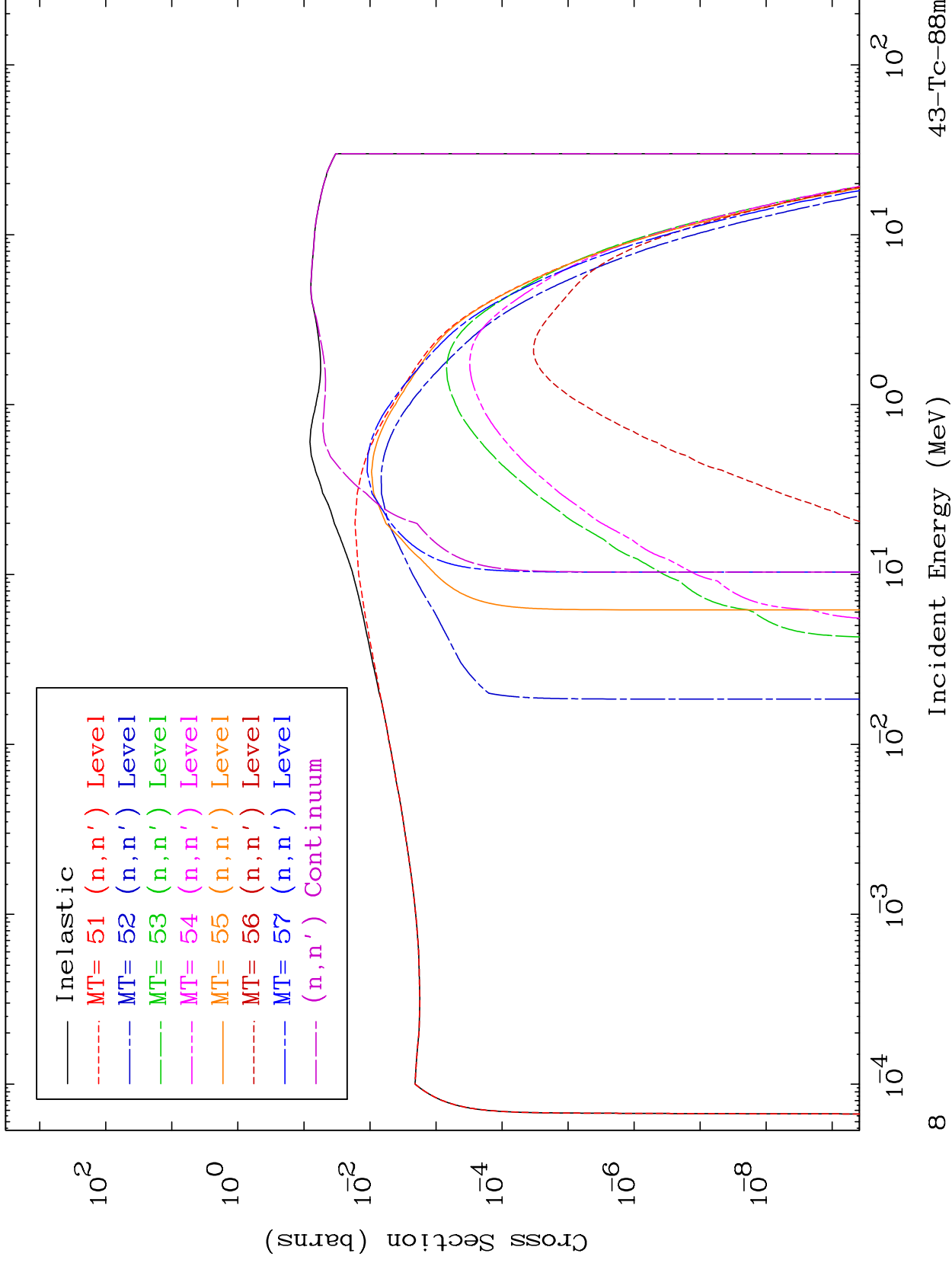




MAT 4293

(n,n') Levels  
293 Kelvin Cross Sections

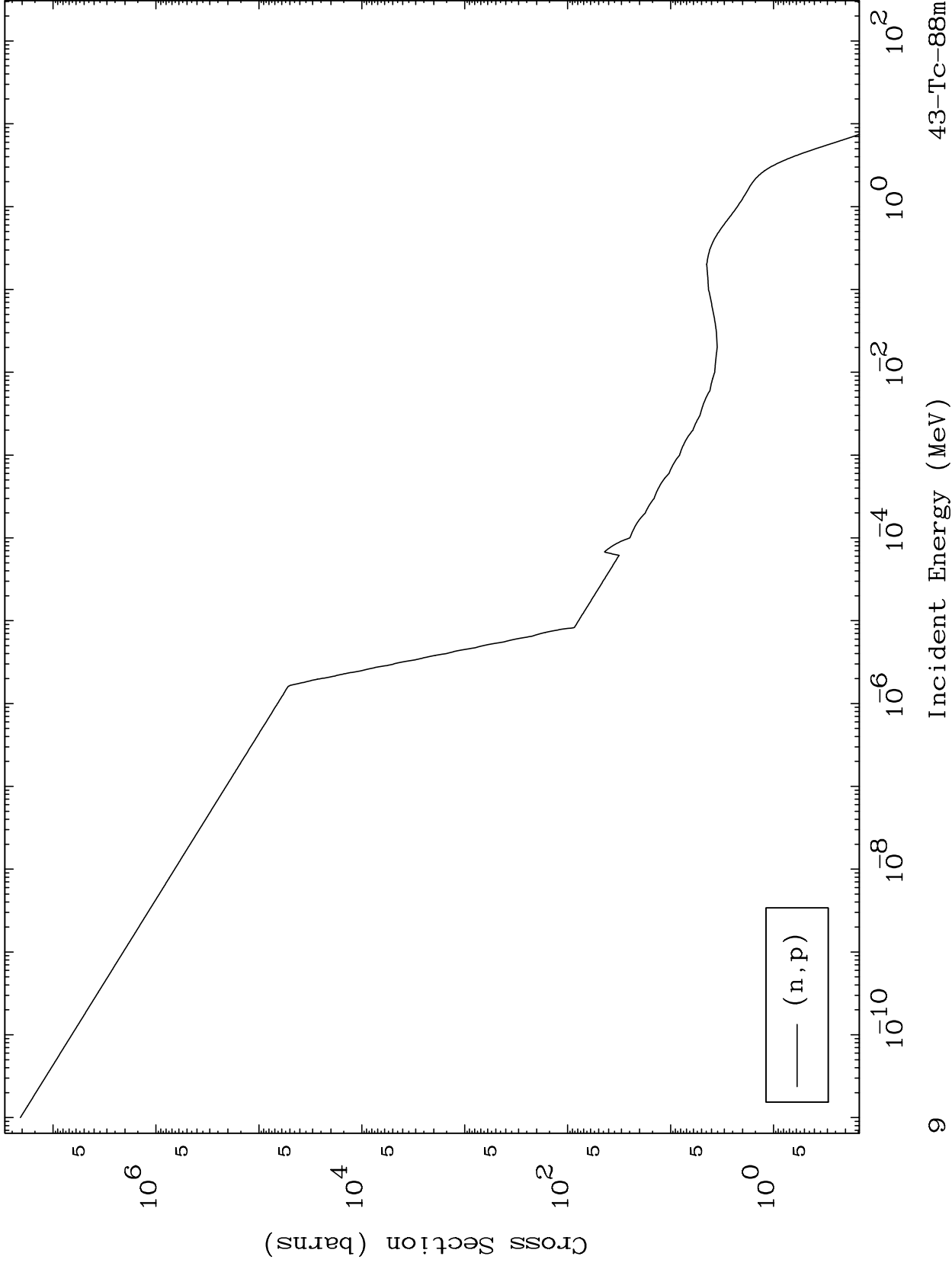
43-Tc-88m



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(n,p) Levels  
293 Kelvin Cross Sections

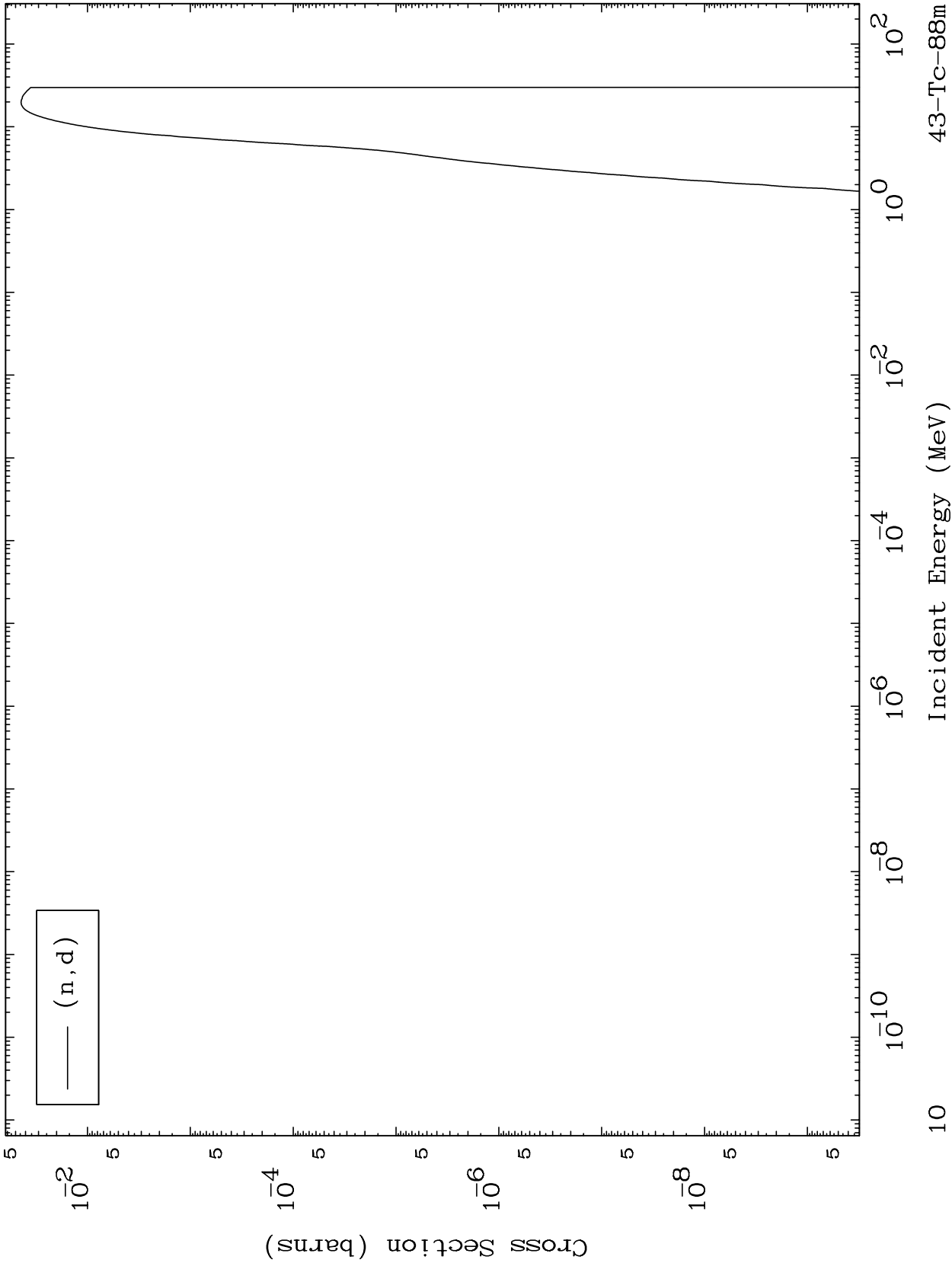
43-Tc-88m



MAT 4293

(n,d) Levels  
293 Kelvin Cross Sections

43-Tc-88m



10

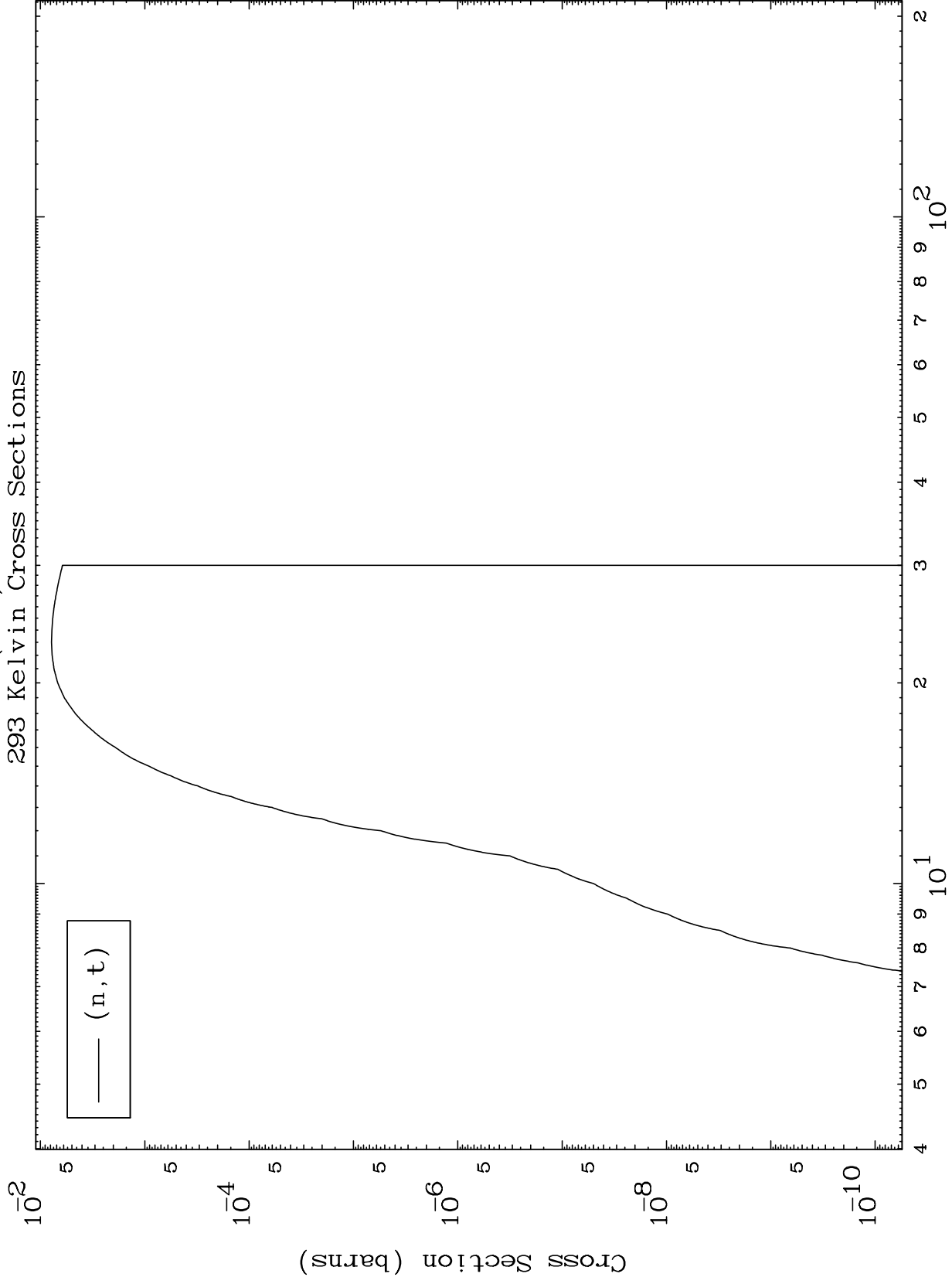
Incident Energy (MeV)

43-Tc-88m

MAT 4293

(n,t) Levels  
293 Kelvin Cross Sections

43-Tc-88m



11

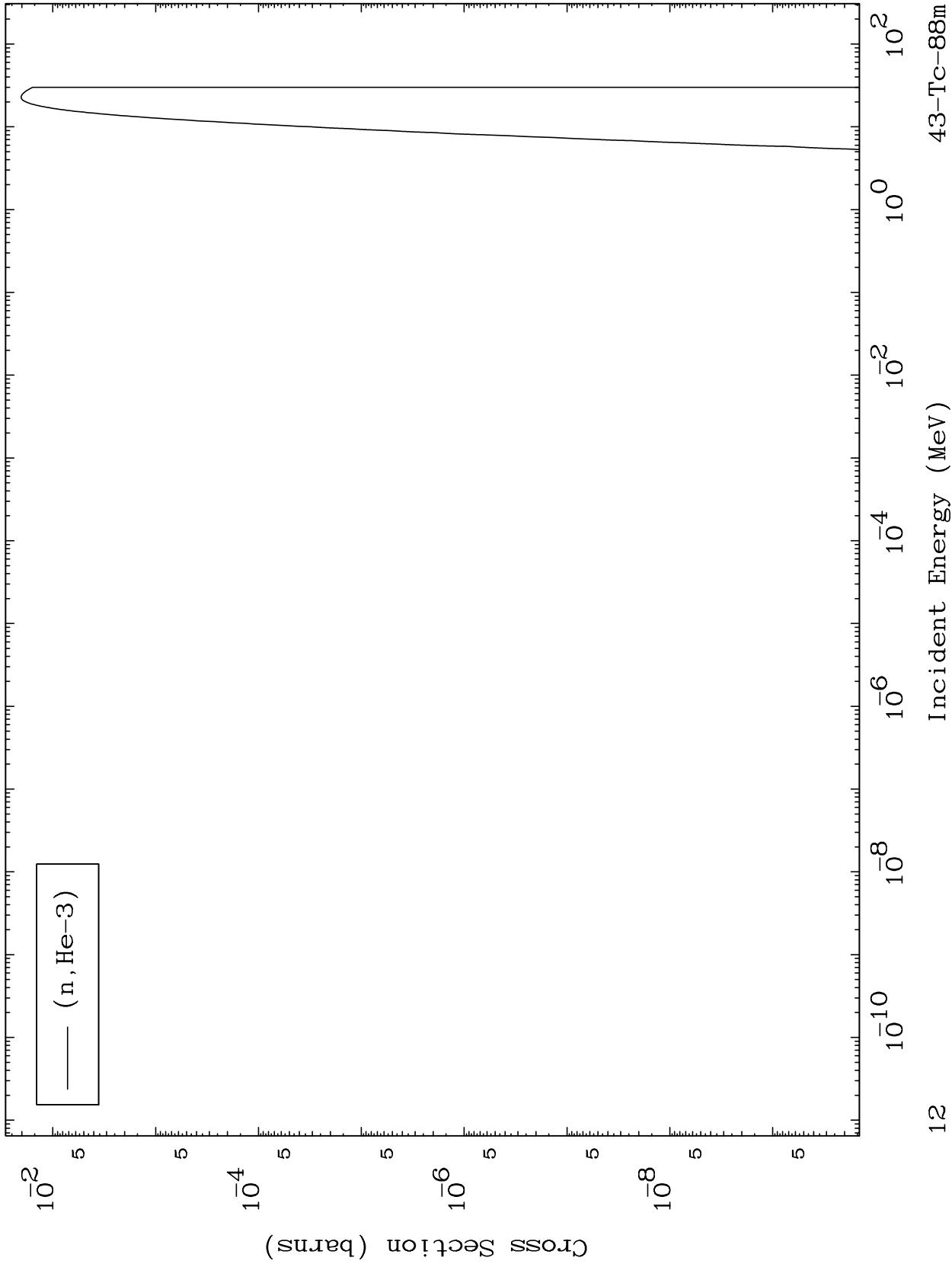
Incident Energy (MeV)

43-Tc-88m

MAT 4293

(n,He3) Levels  
293 Kelvin Cross Sections

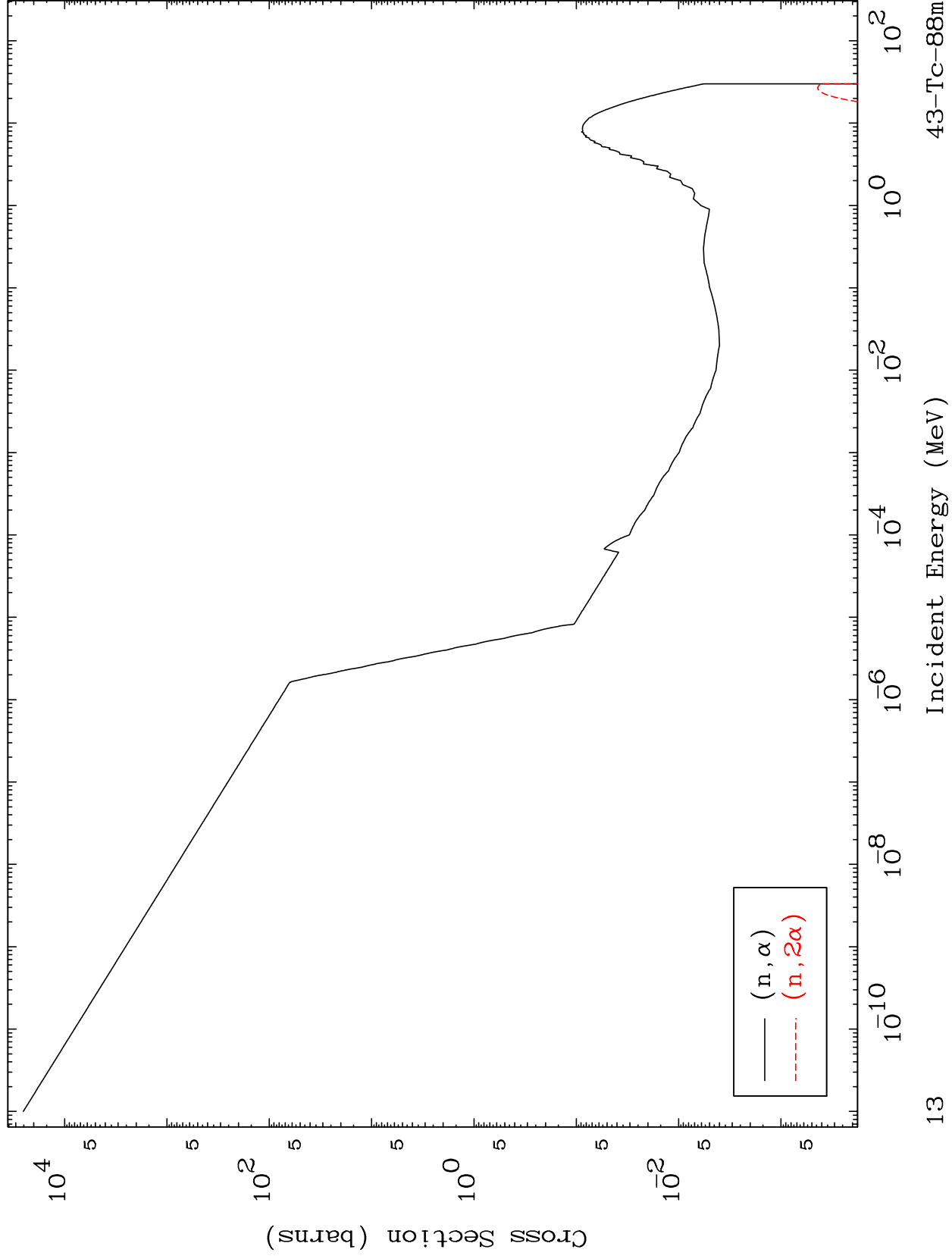
43-Tc-88m



MAT 4293

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

43-Tc-88m

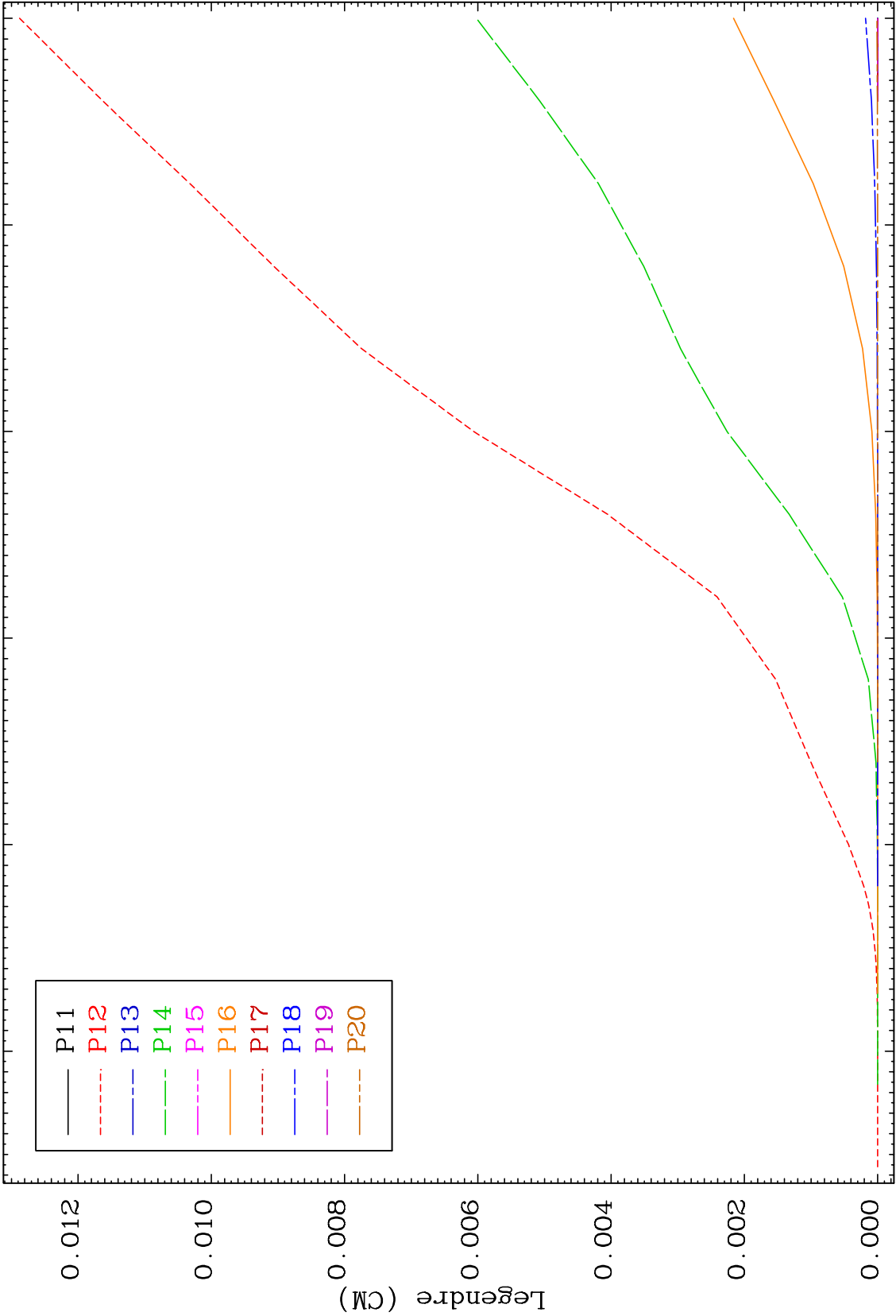
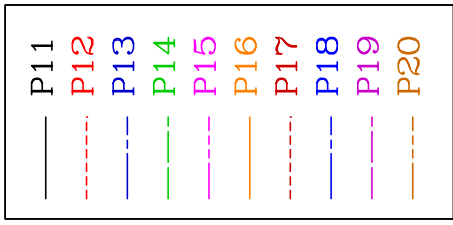




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Elastic Legendre Coefficients

43-Tc-88m



15

Incident Energy (MeV)

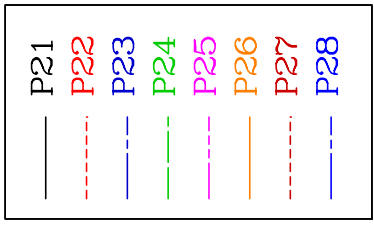
43-Tc-88m



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Elastic Legendre Coefficients

43-Tc-88m



$\times 10^{-7}$

Legendre (CM)

6

4

2

0

15

20

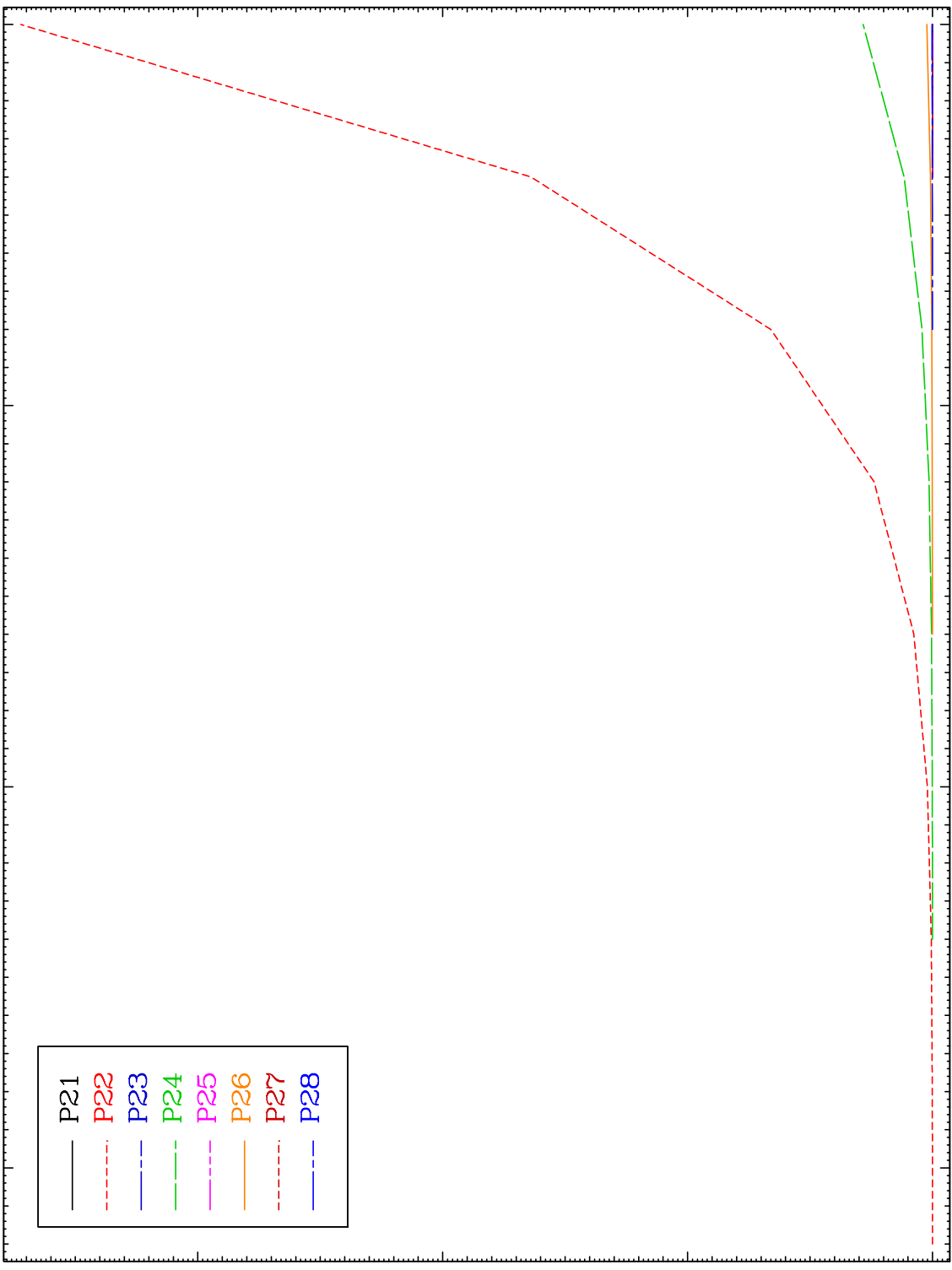
25

30

16

Incident Energy (MeV)

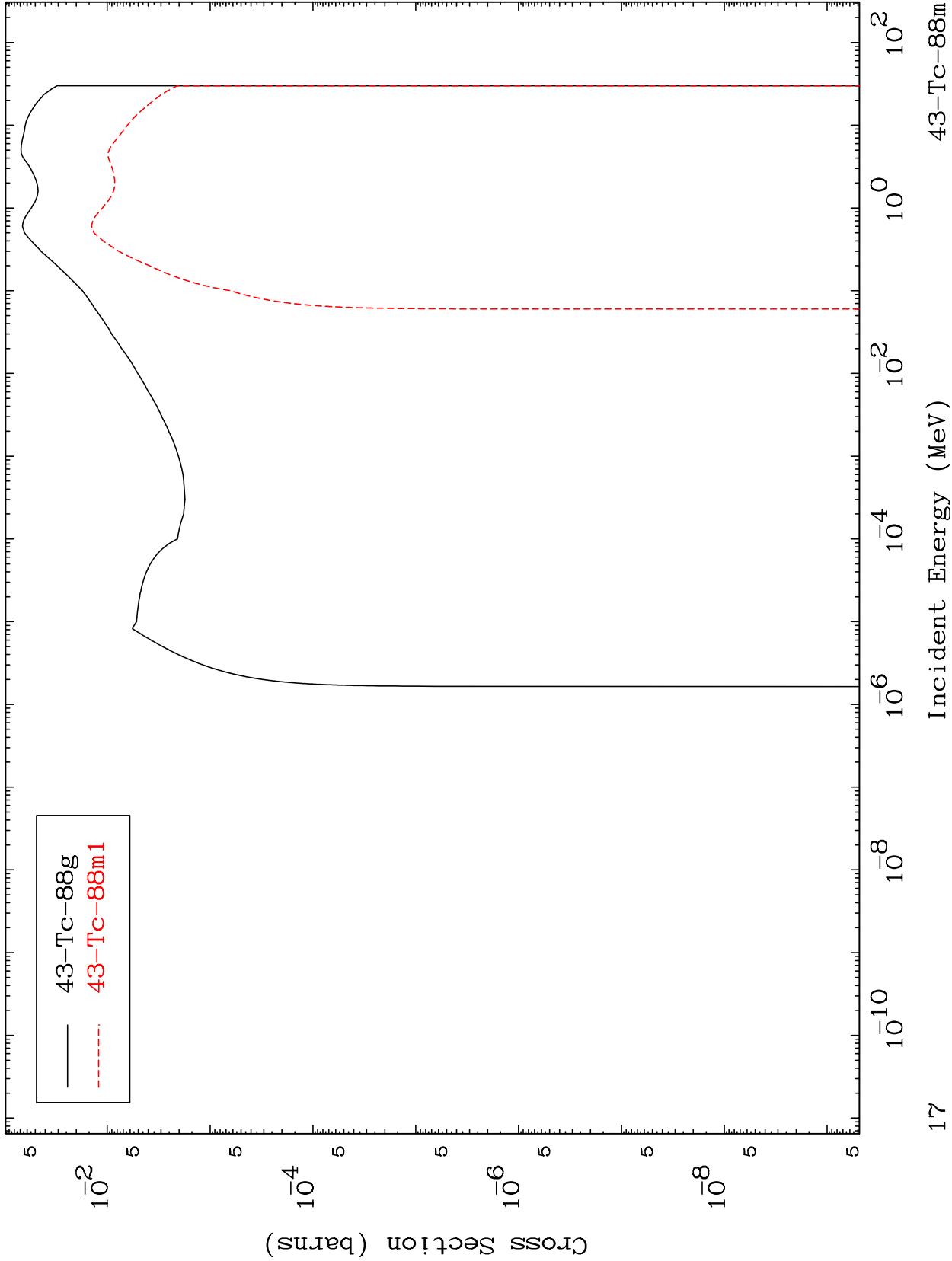
43-Tc-88m



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Inelastic  
Radionuclide Production Cross Section

<sup>43</sup>Tc-88m

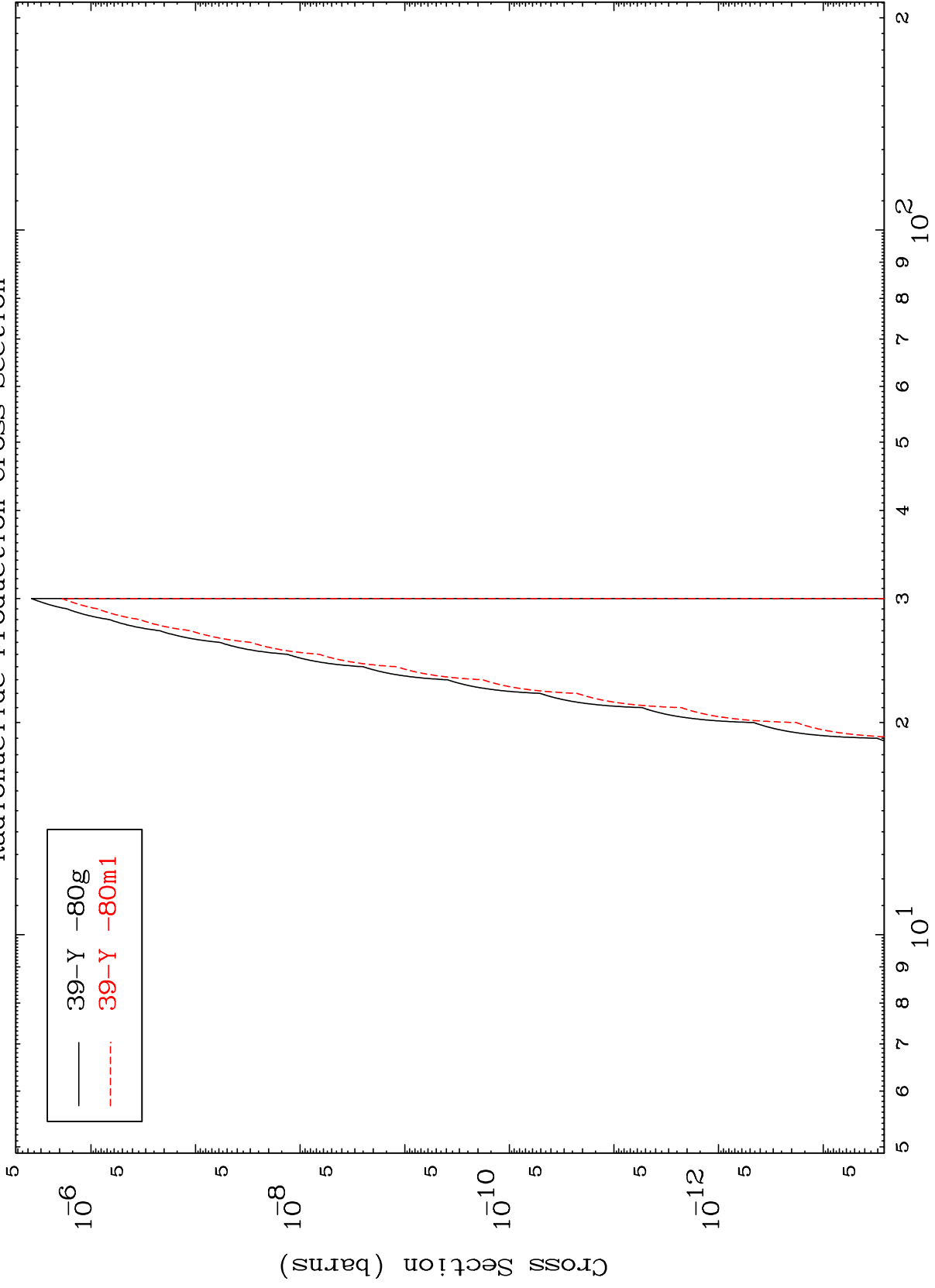


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(n,n') 2 $\alpha$

43-Tc-88m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

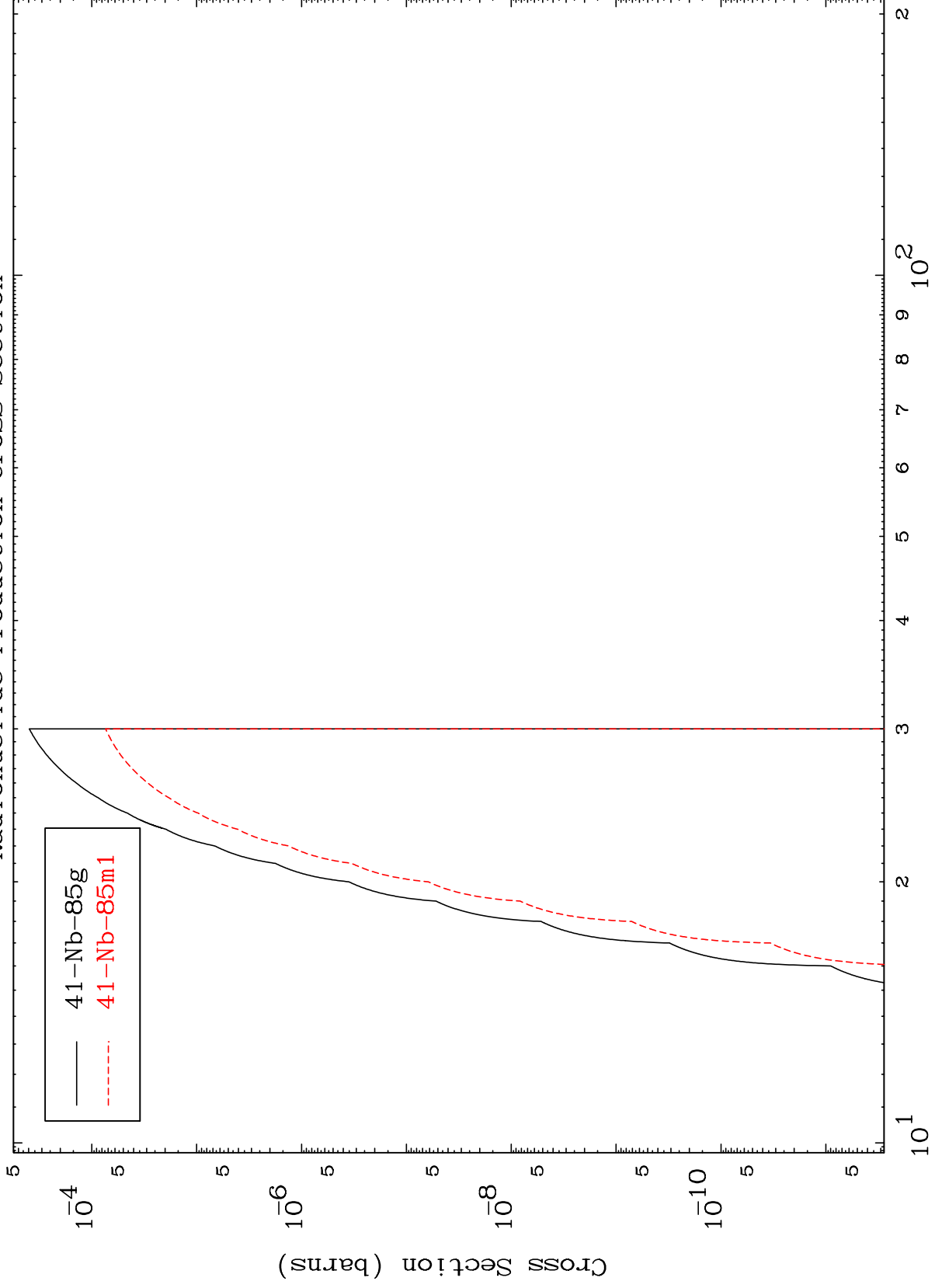
43-Tc-88m

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(n,n') He-3

43-Tc-88m

Radionuclide Production Cross Section



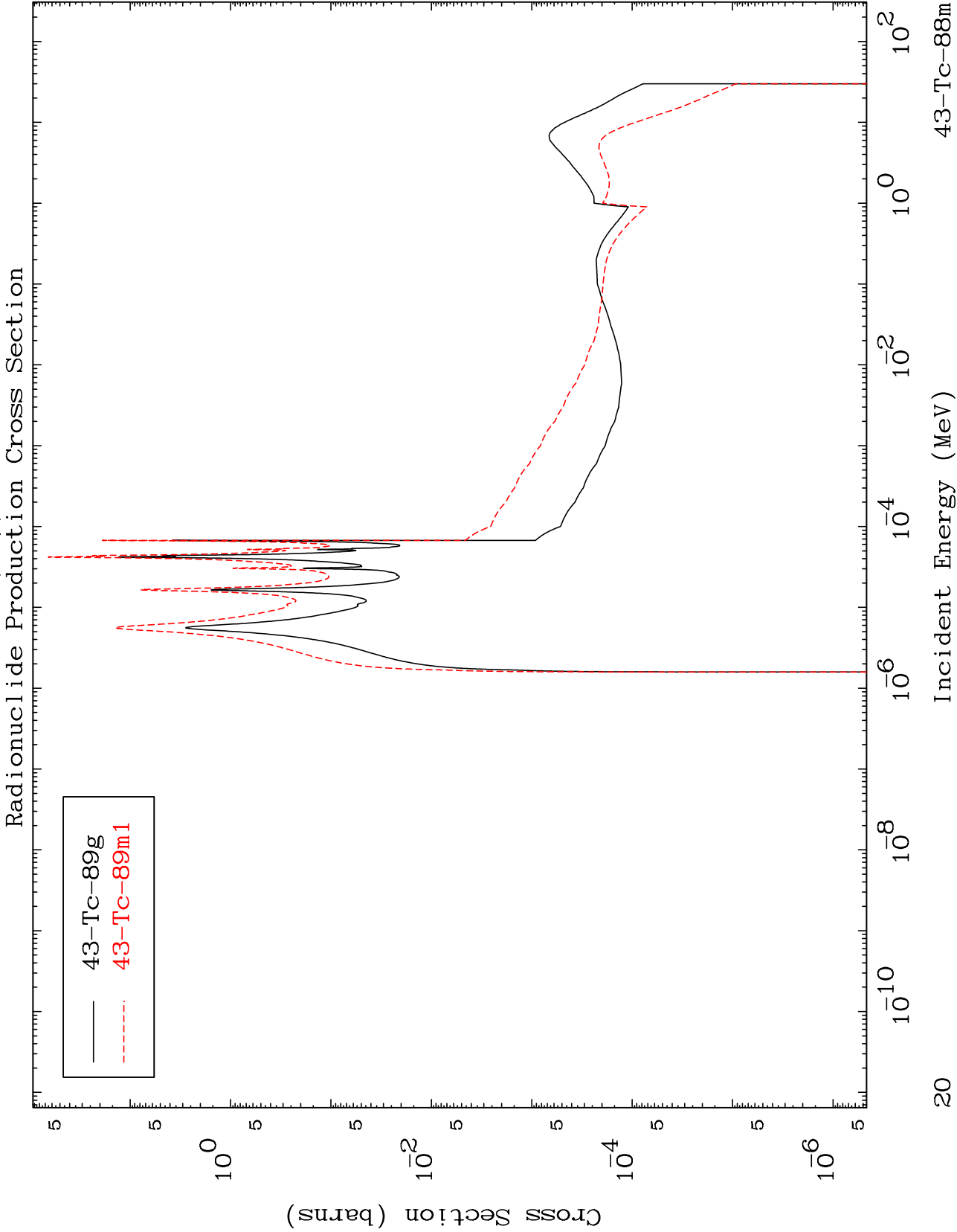
19

Incident Energy (MeV)

43-Tc-88m

MAT 4293

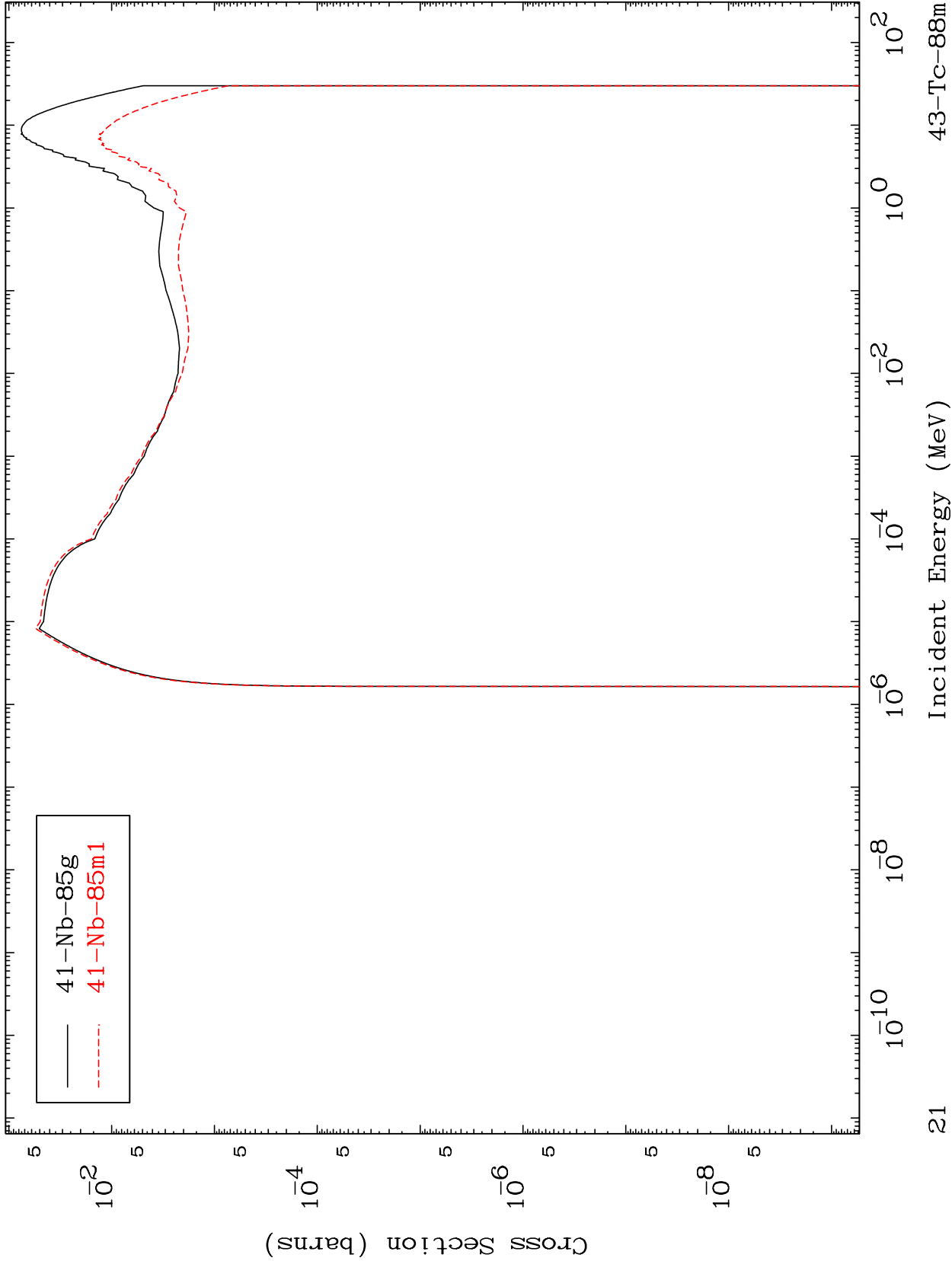
<sup>43</sup>Tc-88m



MAT 4293

43-Tc-88m

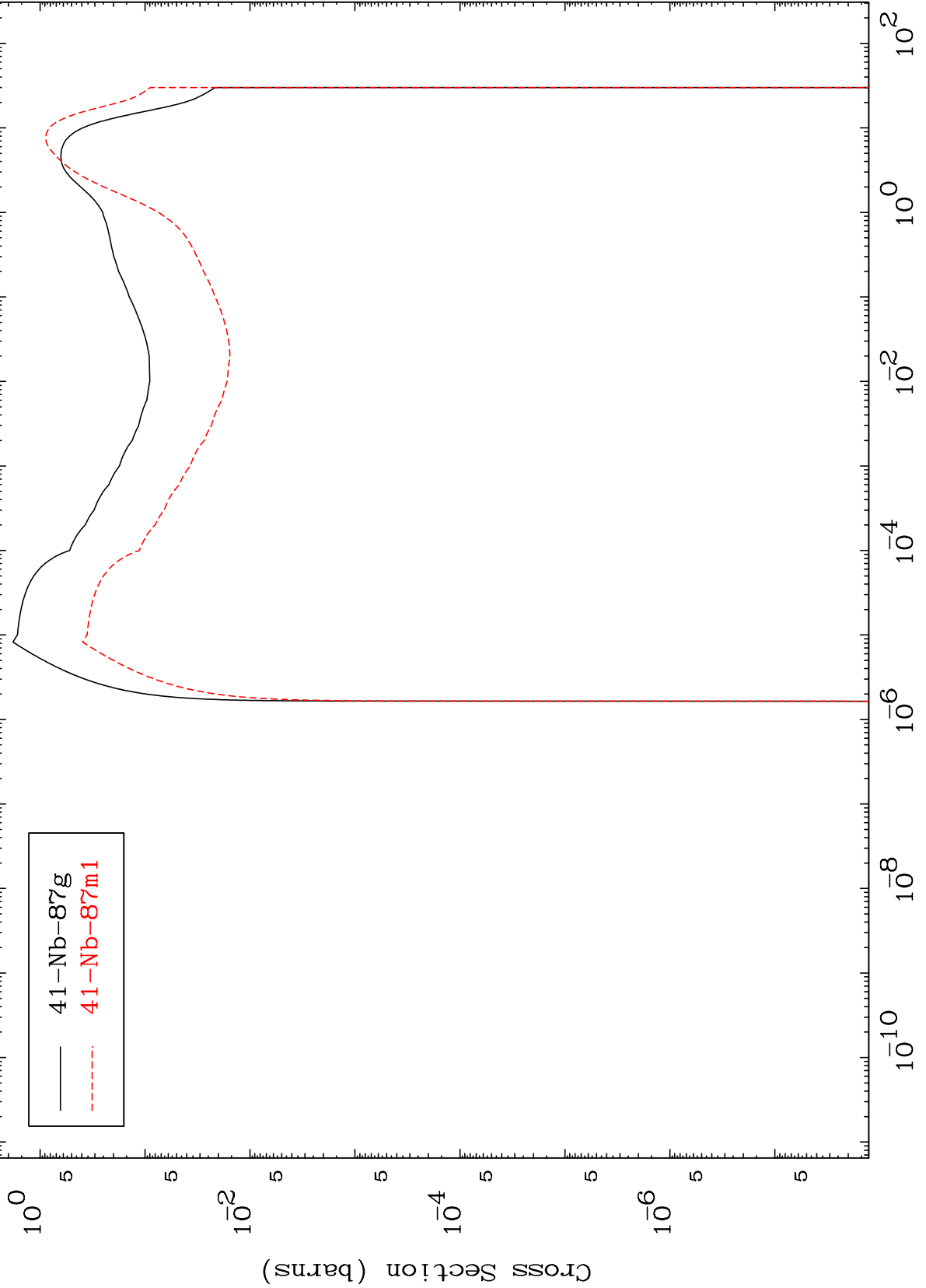
Radionuclide Production Cross Section



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43-Tc-88m

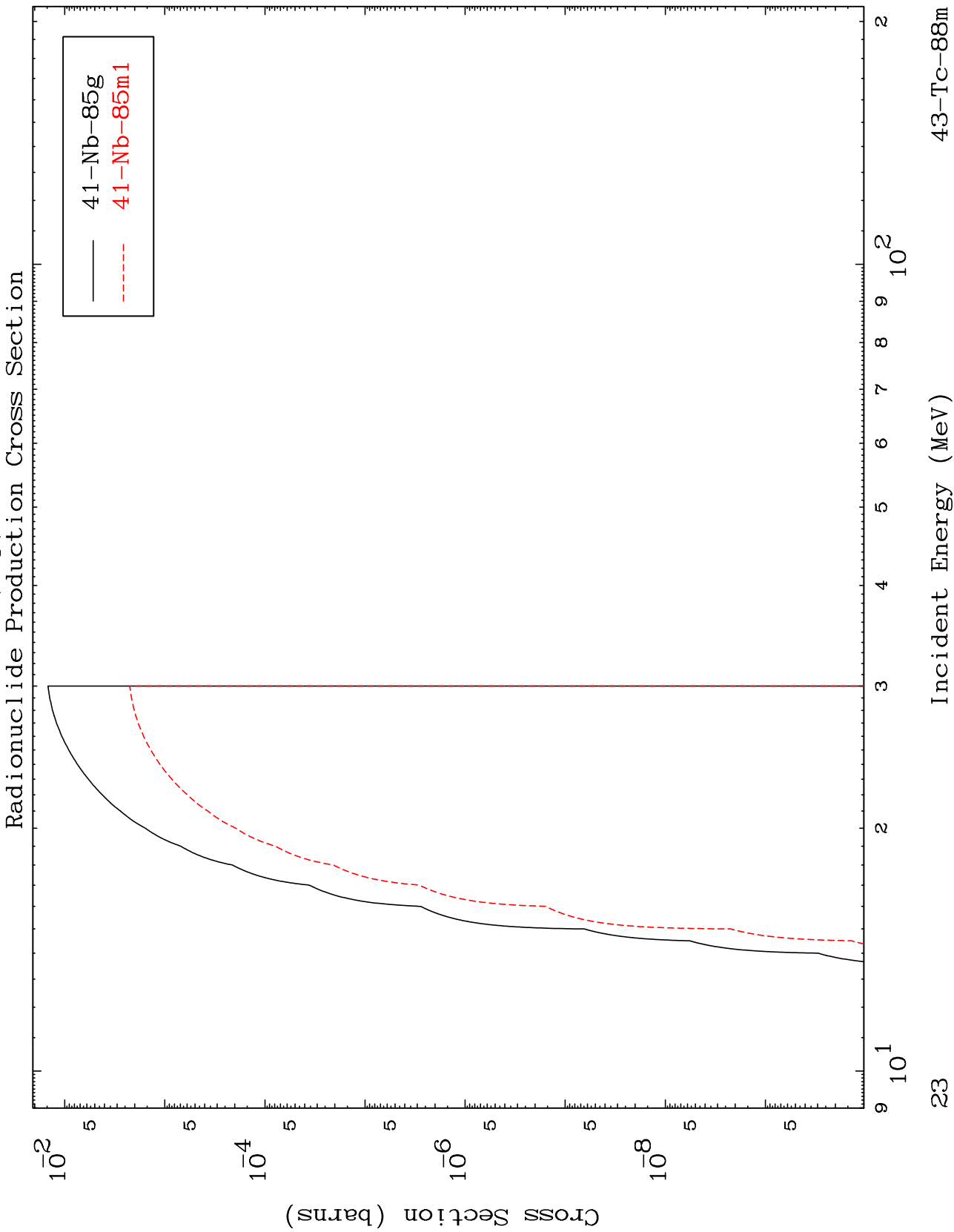
(n,2p)  
Radionuclide Production Cross Section



MAT 4293

(n,p) t

43-Tc-88m



23

43-Tc-88m