

Program EVALPLOT  
(Version 2021-1)

by

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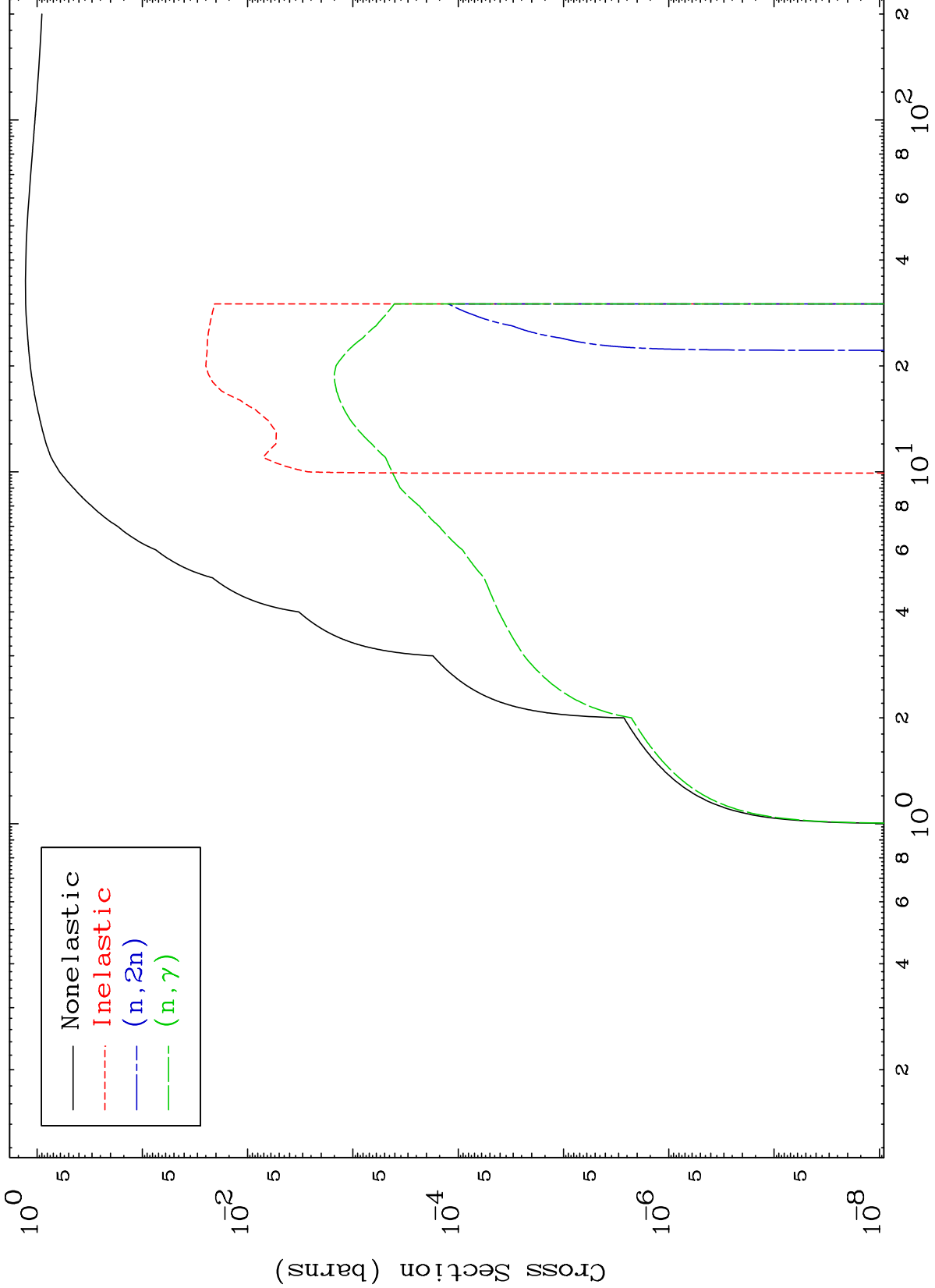
Press Mouse Button to Start

MAT 4295

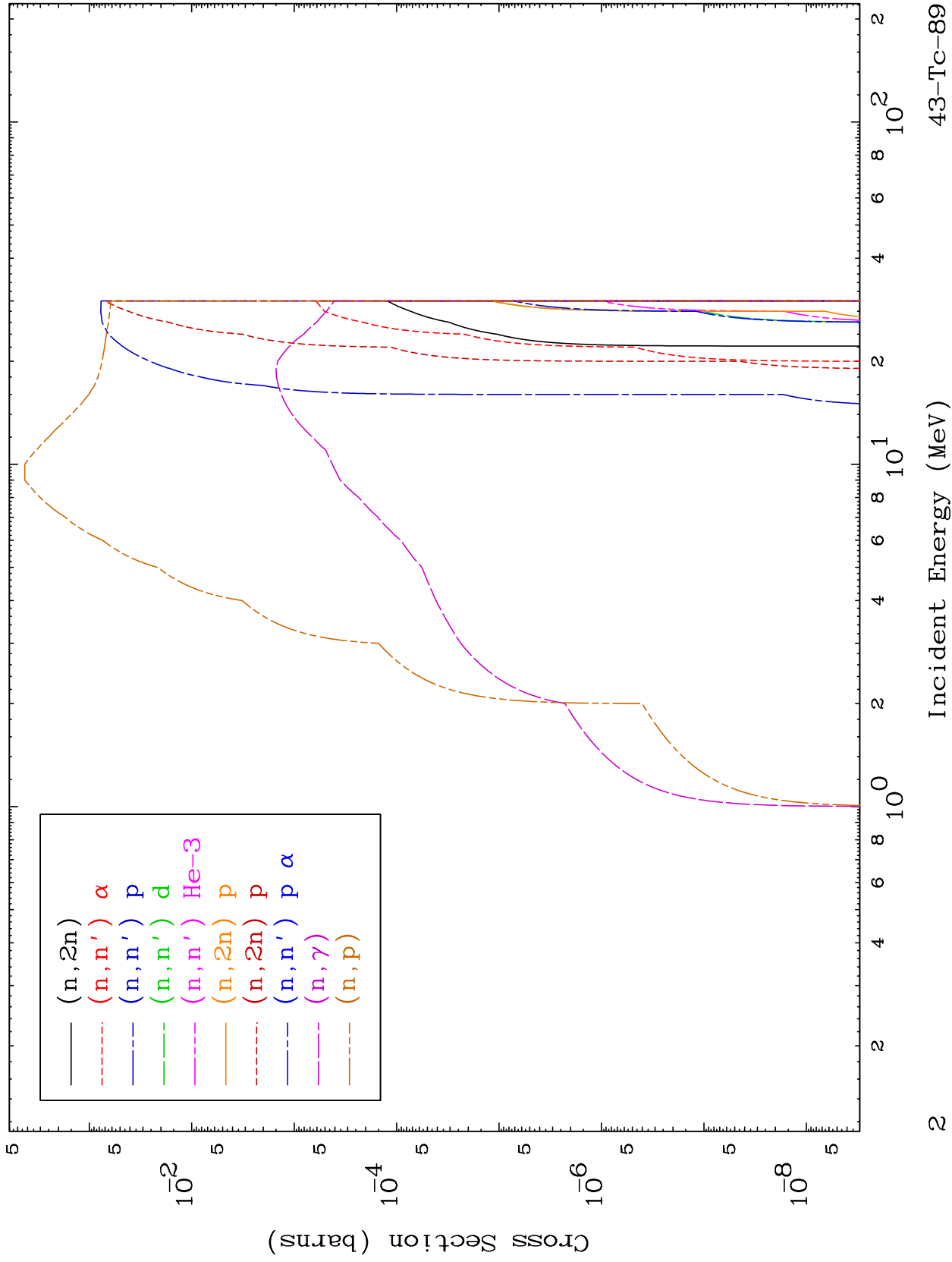
Proton Major

43-Tc-89

0 Kelvin Cross Sections



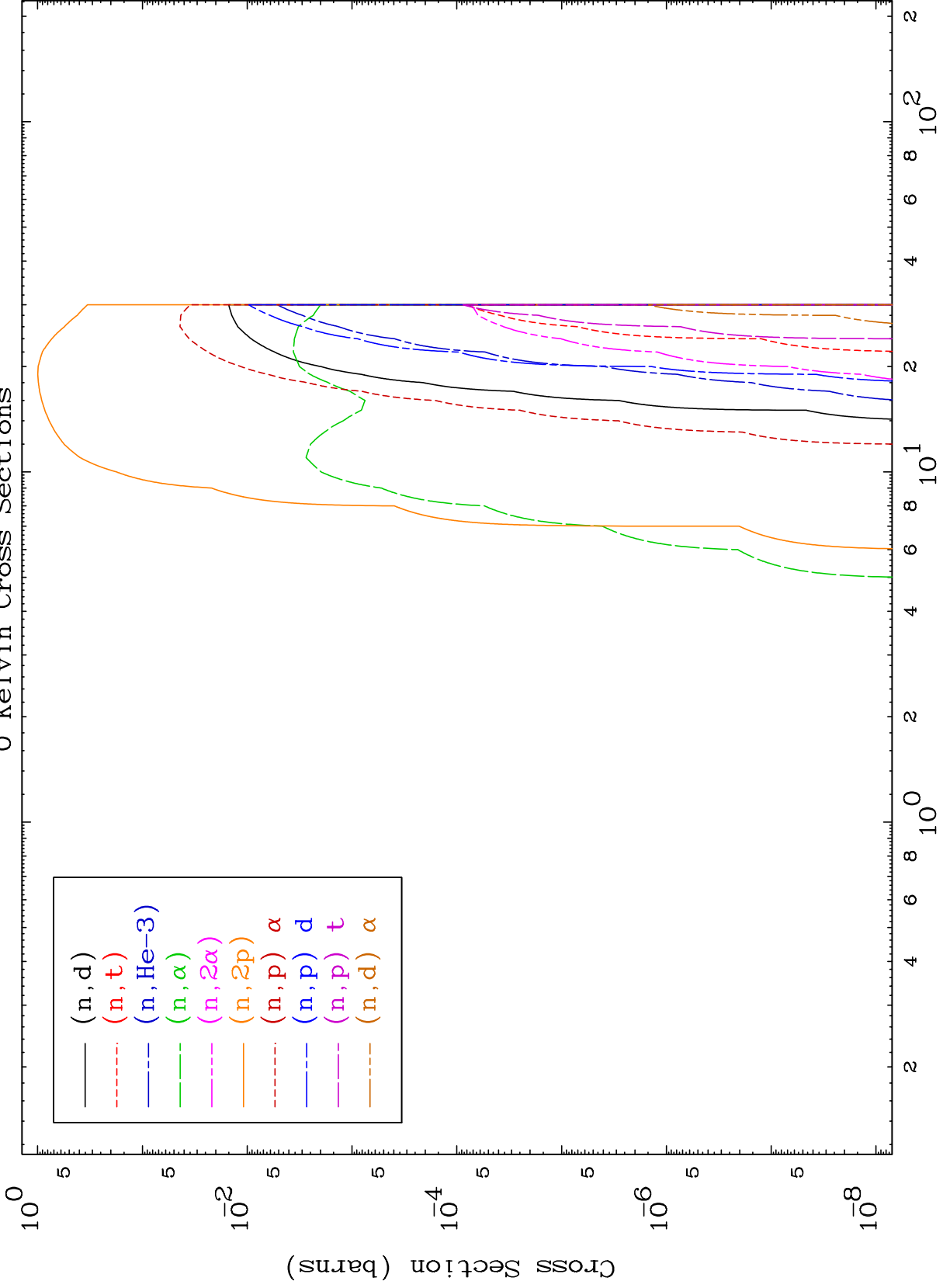
Legend:  
— Nonelastic  
- - - Inelastic  
- - - (n, 2n)  
- - - (n, γ)



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Proton Neutron Absorption  
0 Kelvin Cross Sections

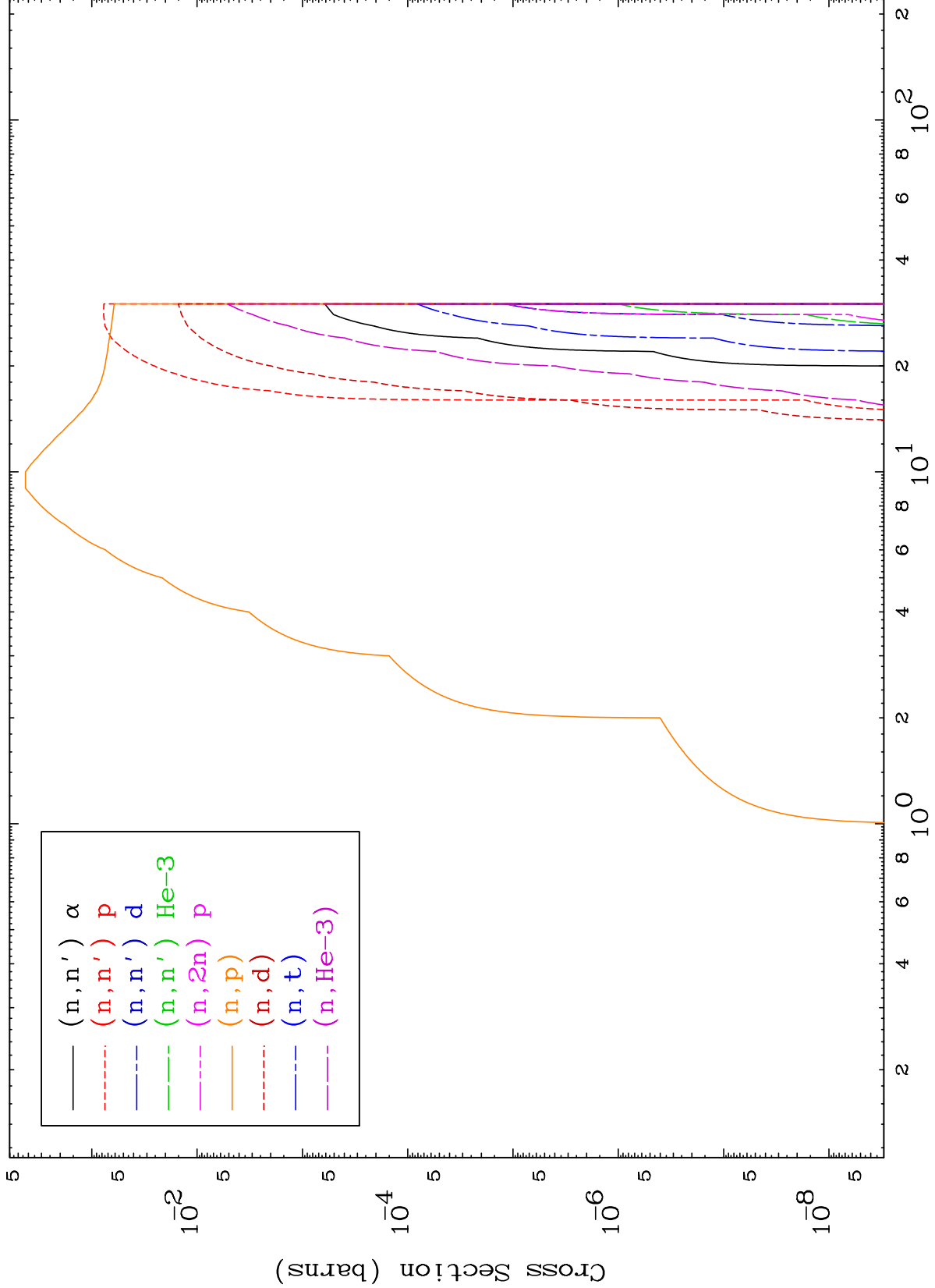
43-Tc-89



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Proton Charged Particle  
0 Kelvin Cross Sections

43-Tc-89



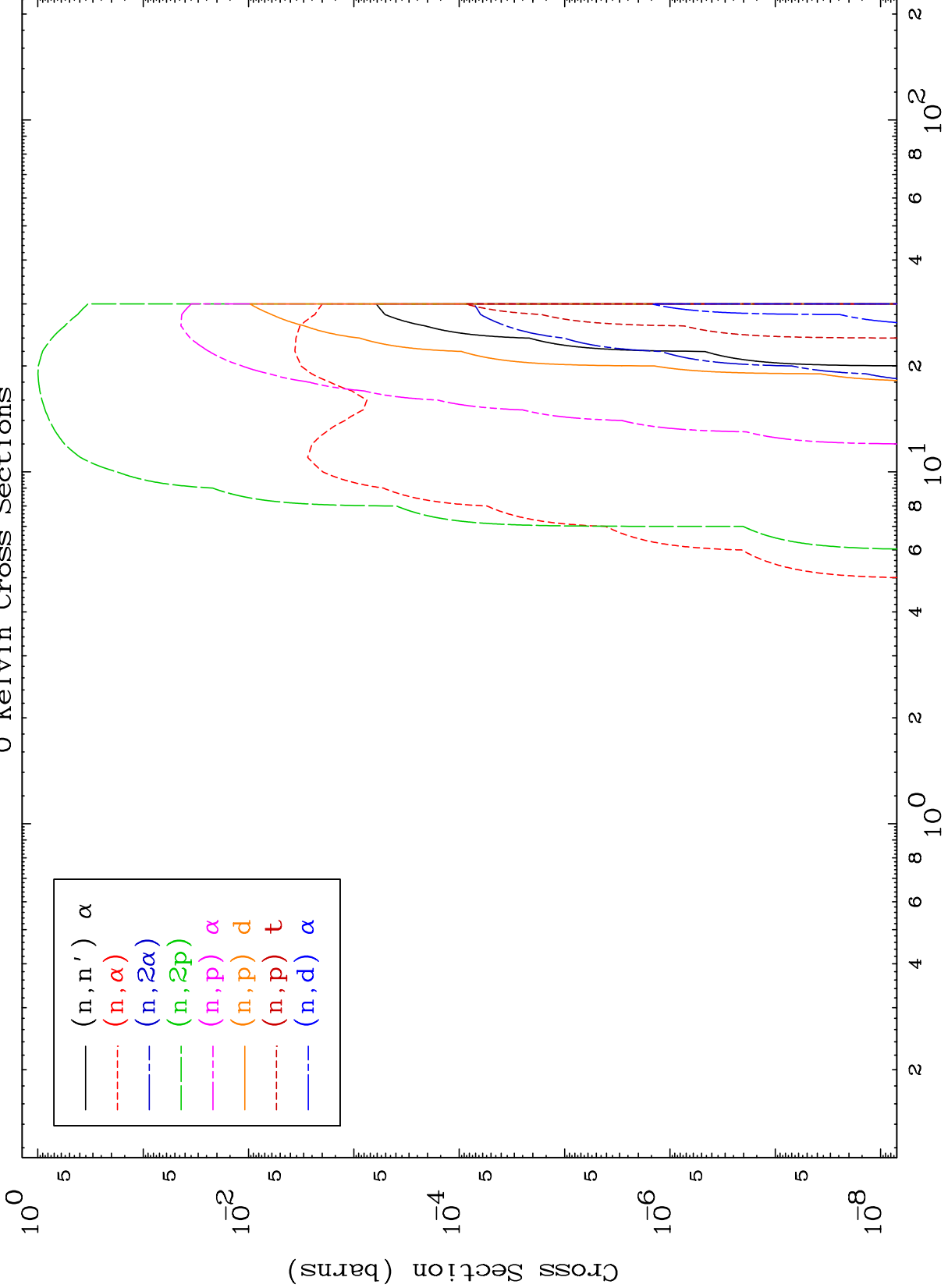
Incident Energy (MeV)

43-Tc-89

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Proton Charged Particle  
0 Kelvin Cross Sections

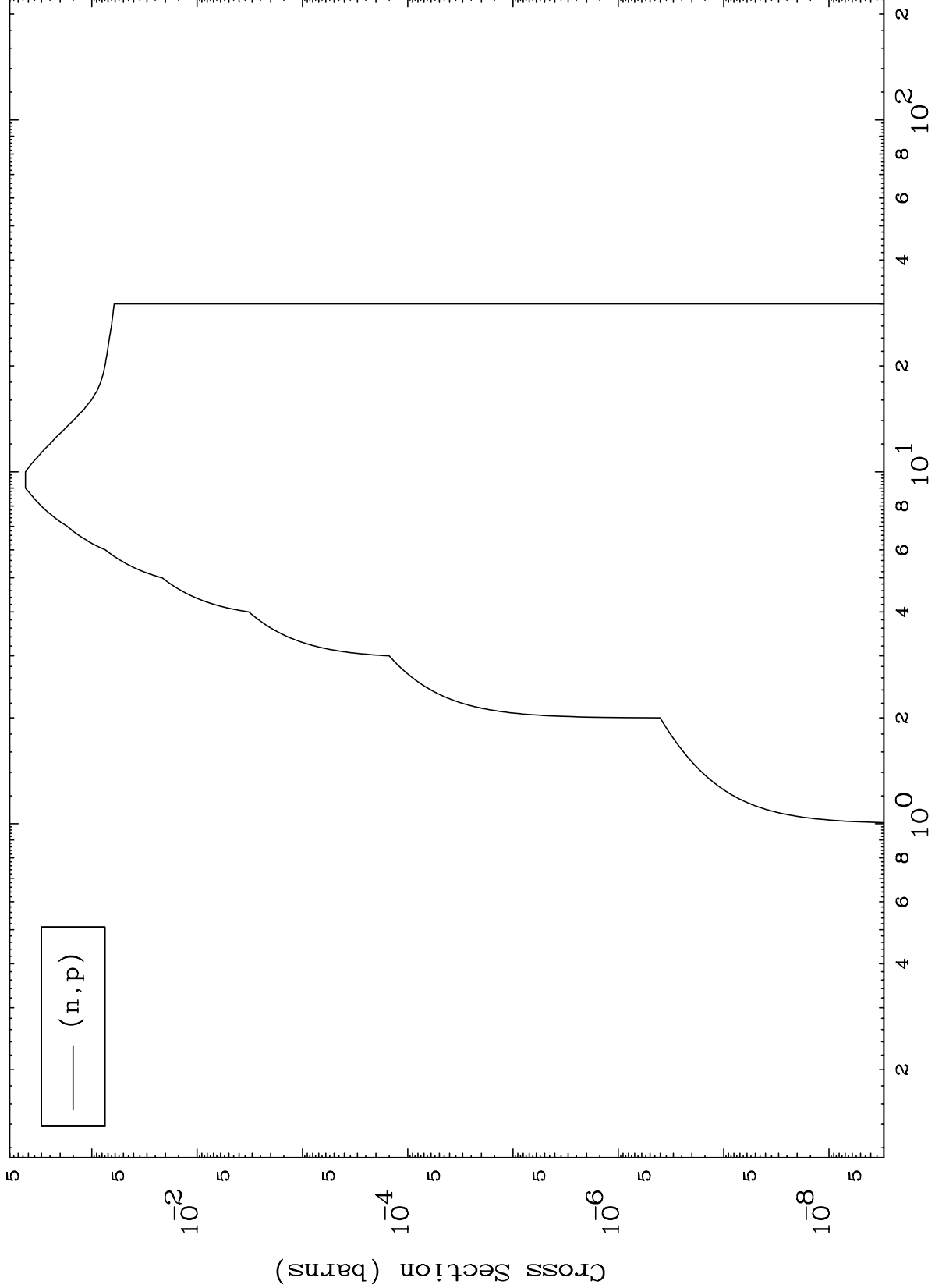
43-Tc-89

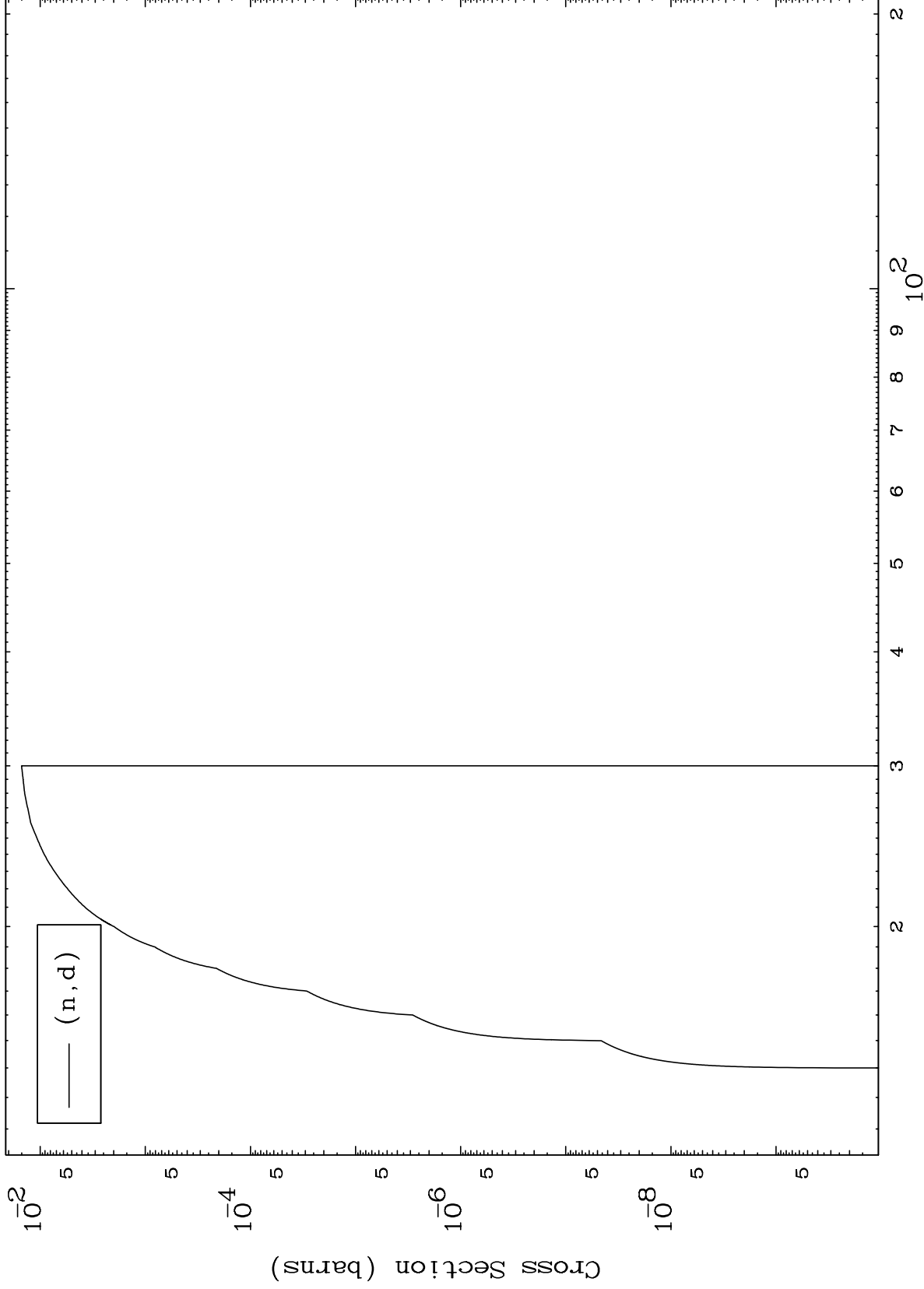


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(p,p) Levels  
0 Kelvin Cross Sections

43-Tc-89

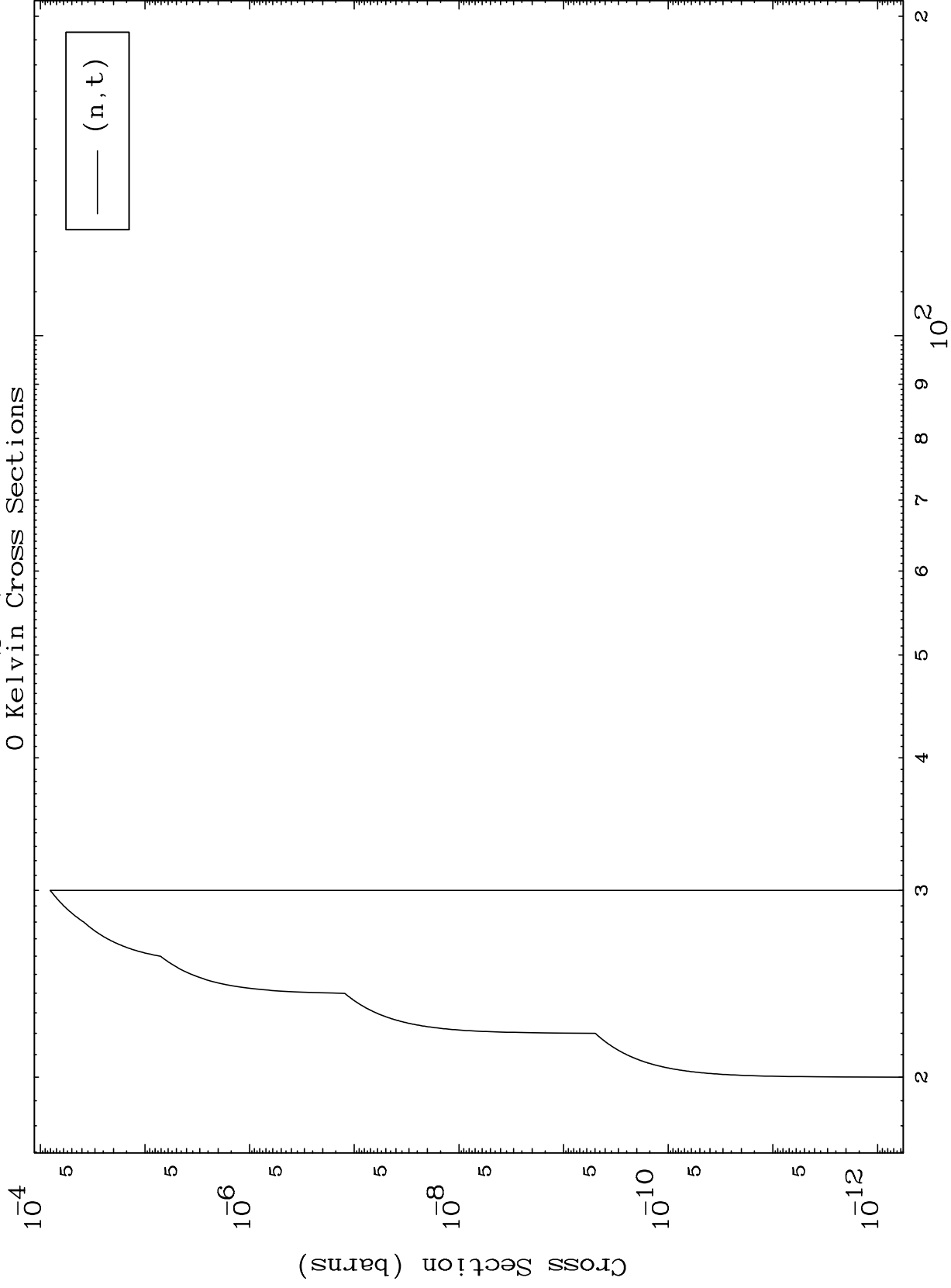




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(p,t) Levels  
0 Kelvin Cross Sections

43-Tc-89



8

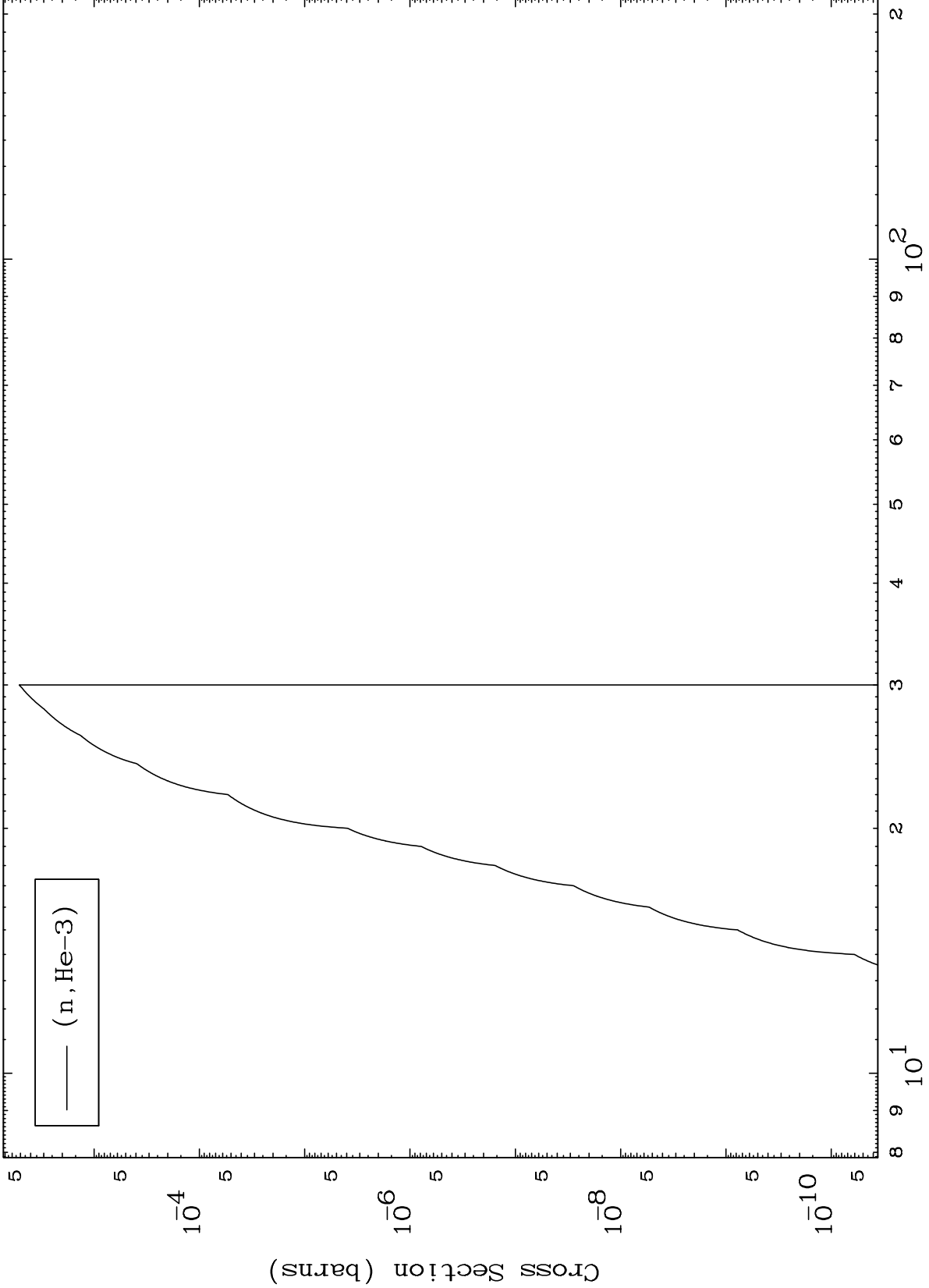
Incident Energy (MeV)

43-Tc-89

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(p,He3) Levels  
0 Kelvin Cross Sections

43-Tc-89



9

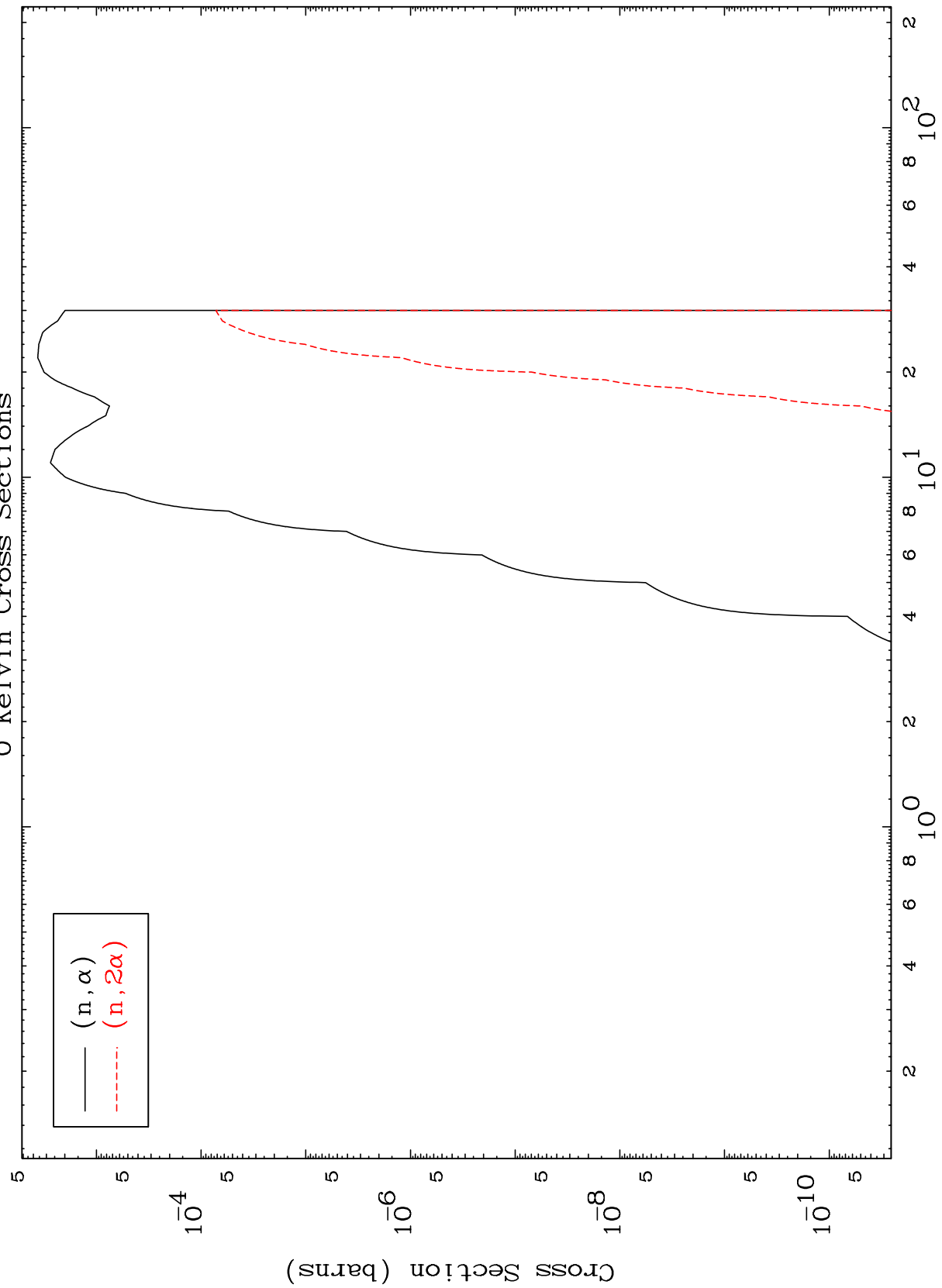
Incident Energy (MeV)

43-Tc-89

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43-Tc-89

(p,  $\alpha$ ) Levels  
0 Kelvin Cross Sections



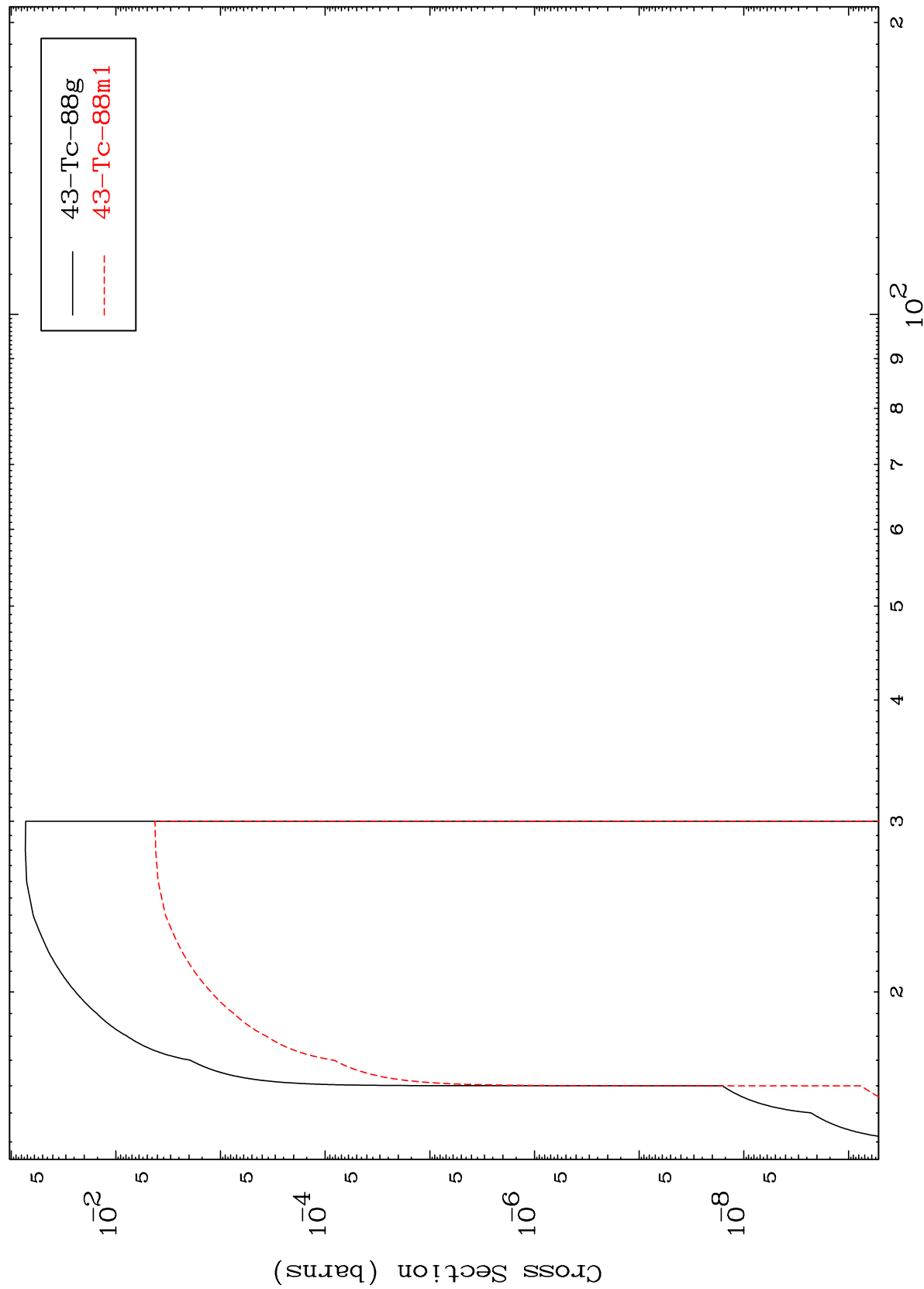
— (n,  $\alpha$ )  
- - - (n, 2 $\alpha$ )

43-Tc-89

Incident Energy (MeV)

10

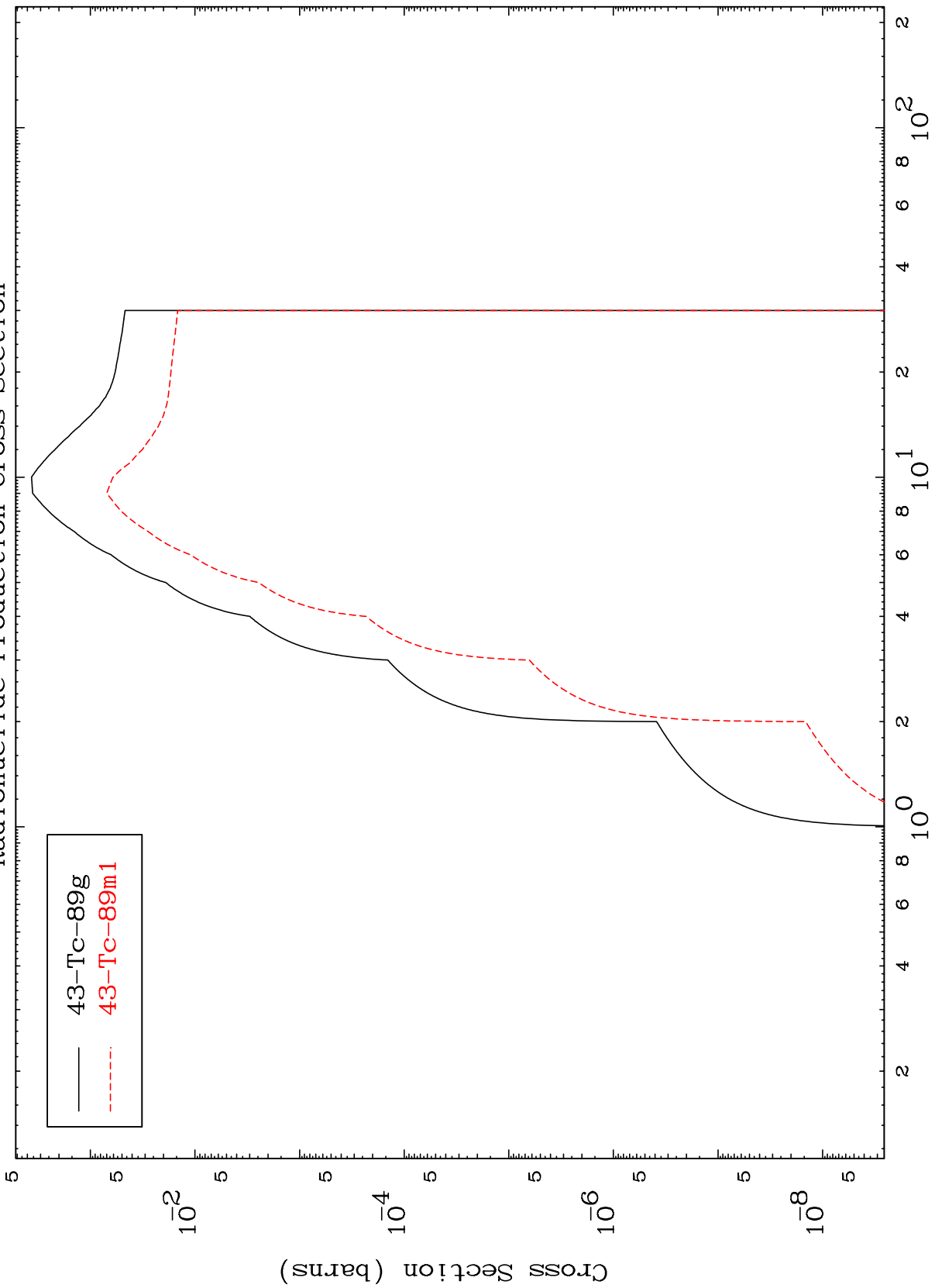
Radionuclide Production Cross Section



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43-Tc-89

(n,p)  
Radionuclide Production Cross Section



— 43-Tc-89g  
- - - 43-Tc-89m1

12

Incident Energy (MeV)

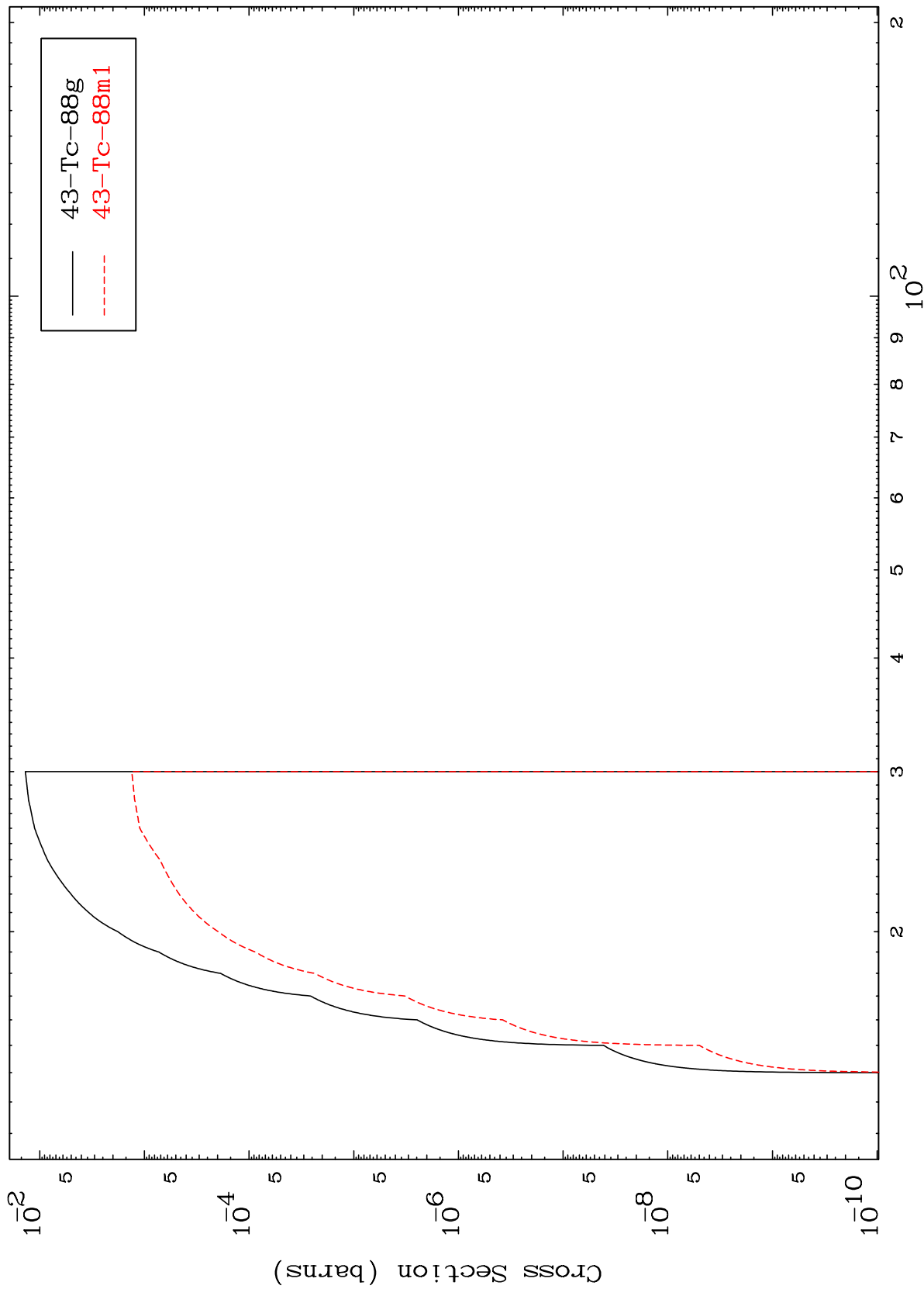
43-Tc-89

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(n,d)

43-Tc-89

Radionuclide Production Cross Section



43-Tc-88g  
43-Tc-88m1

13

Incident Energy (MeV)

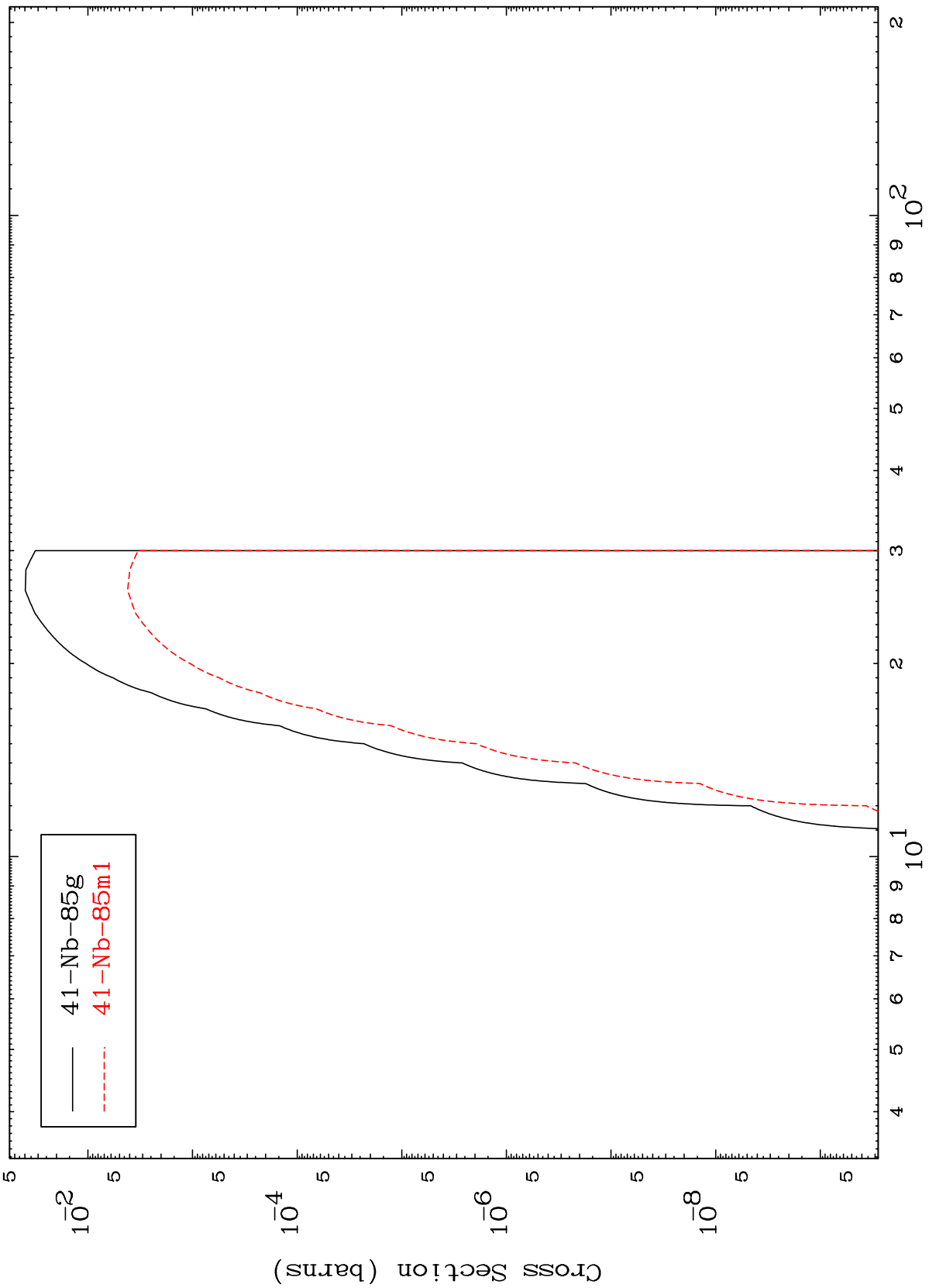
43-Tc-89

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(n,p)  $\alpha$

43-Tc-89

Radionuclide Production Cross Section



14

Incident Energy (MeV)

43-Tc-89