

Program EVALPLOT  
(Version 2021-1)

by

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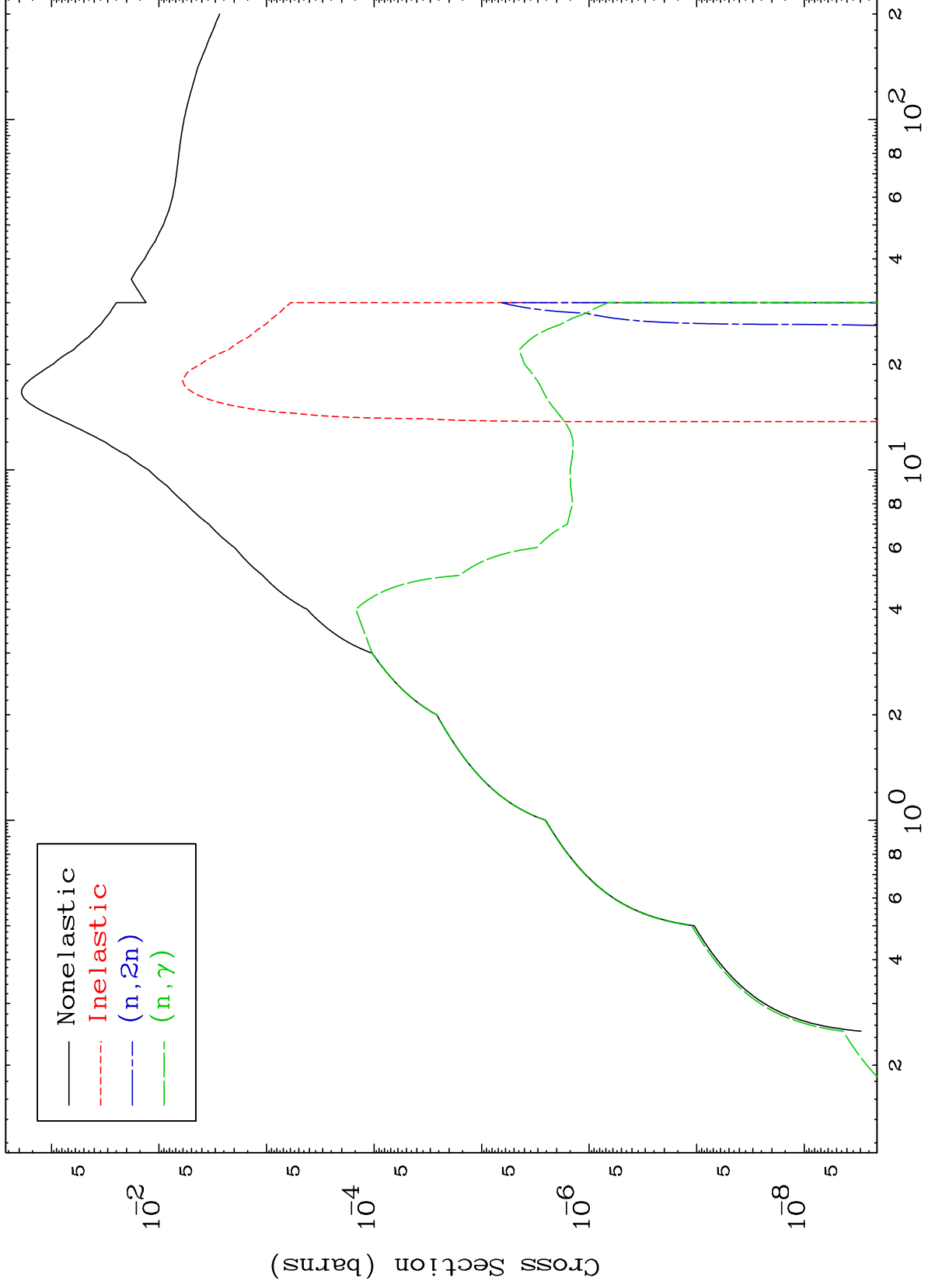
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

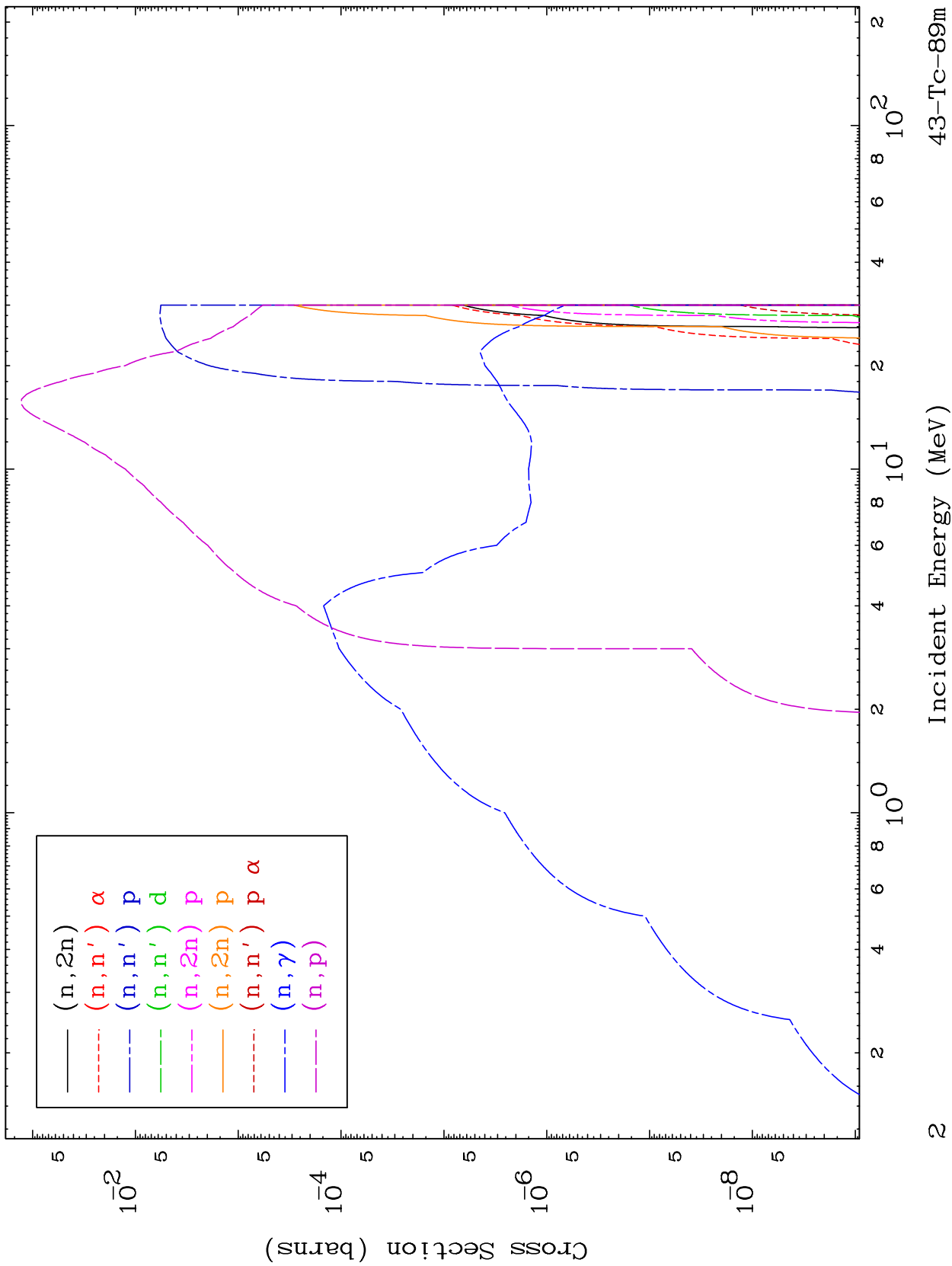
Press Mouse Button to Start

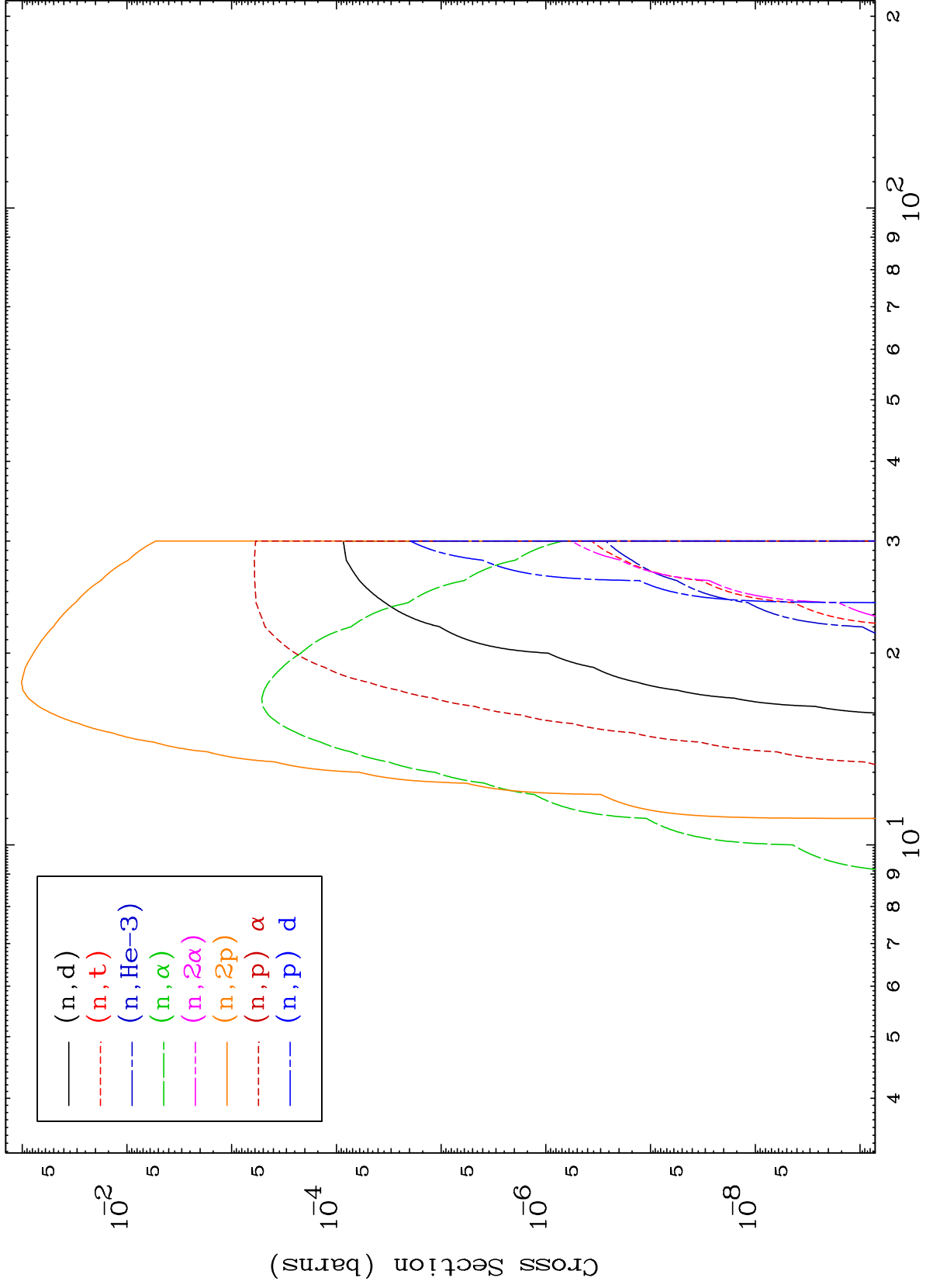
MAT 4296

Photon Major  
0 Kelvin Cross Sections

<sup>43</sup>Tc-89m



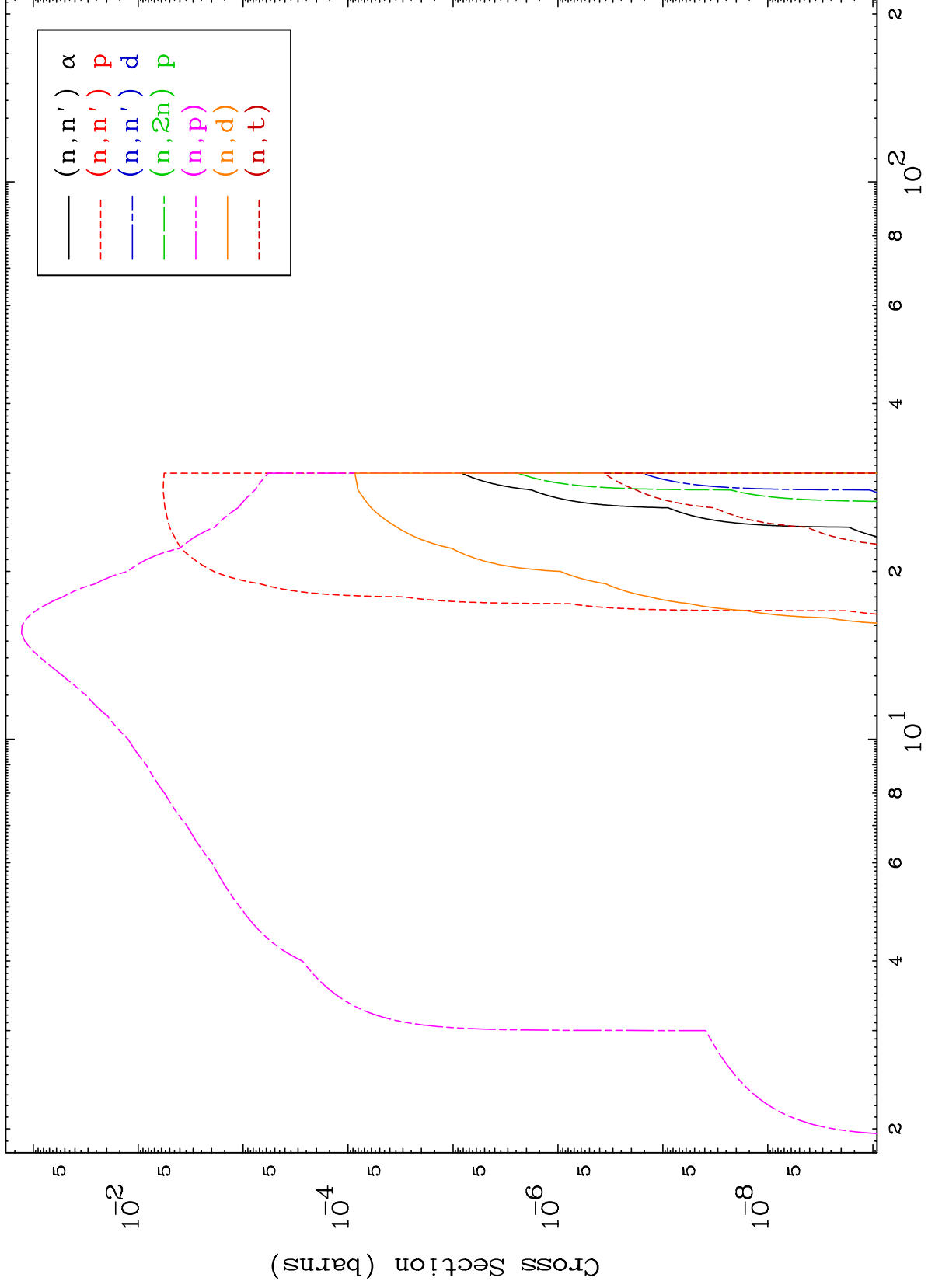




MAT 4296

Photon Charged Particle  
0 Kelvin Cross Sections

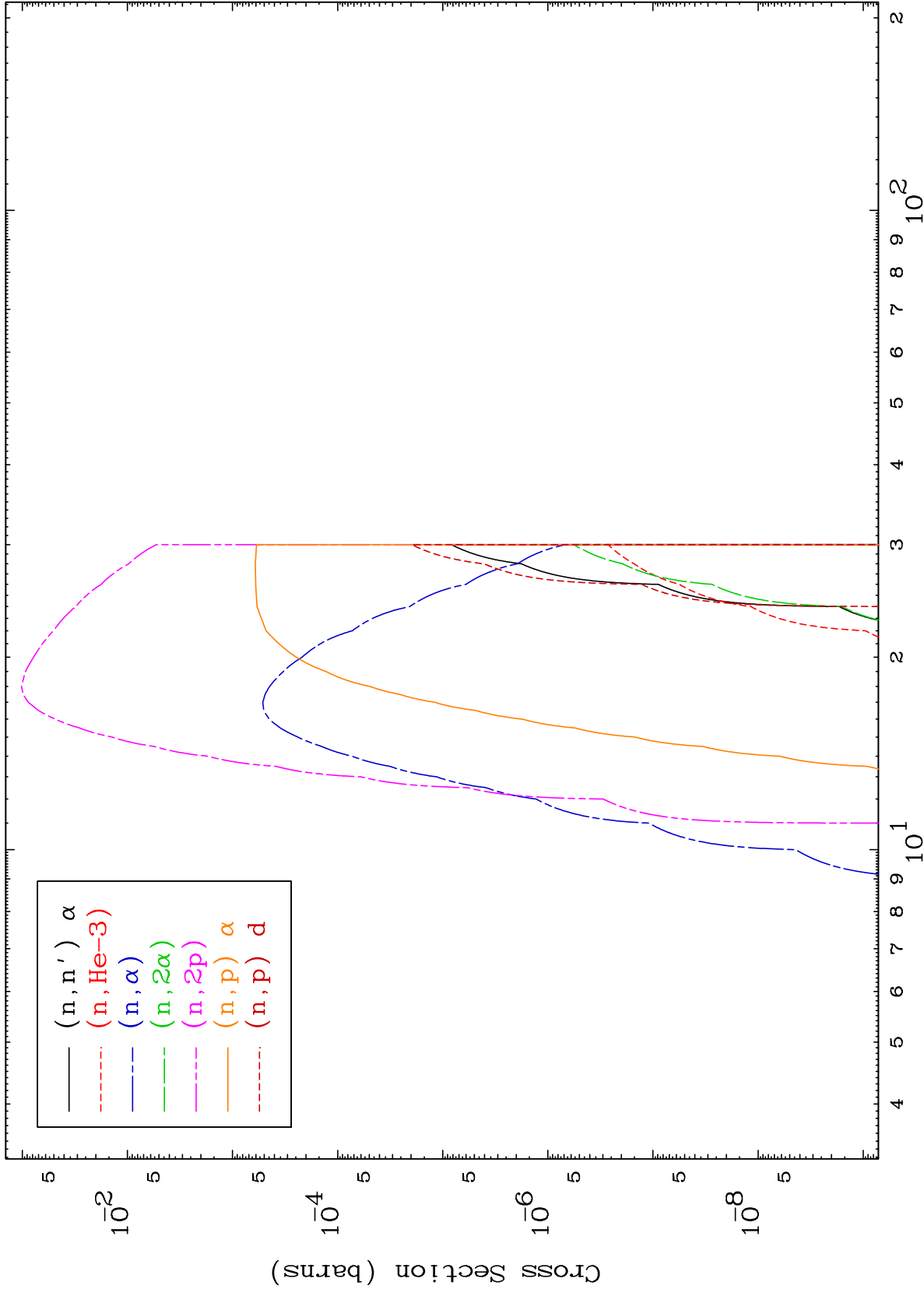
43-Tc-89m



4

Incident Energy (MeV)

43-Tc-89m

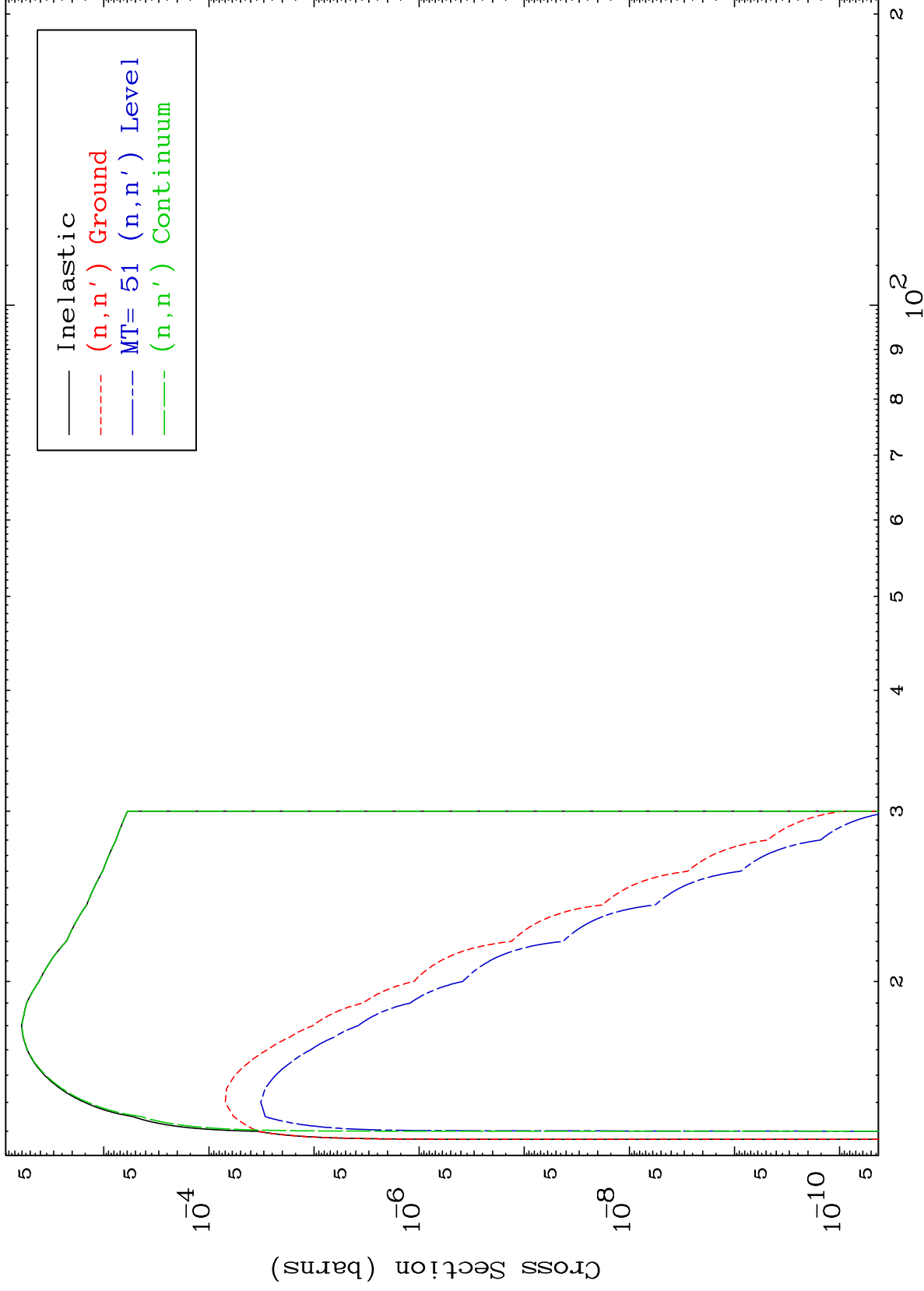


MAT 4296

( $\gamma, n'$ ) Levels

43-Tc-89m

0 Kelvin Cross Sections



6

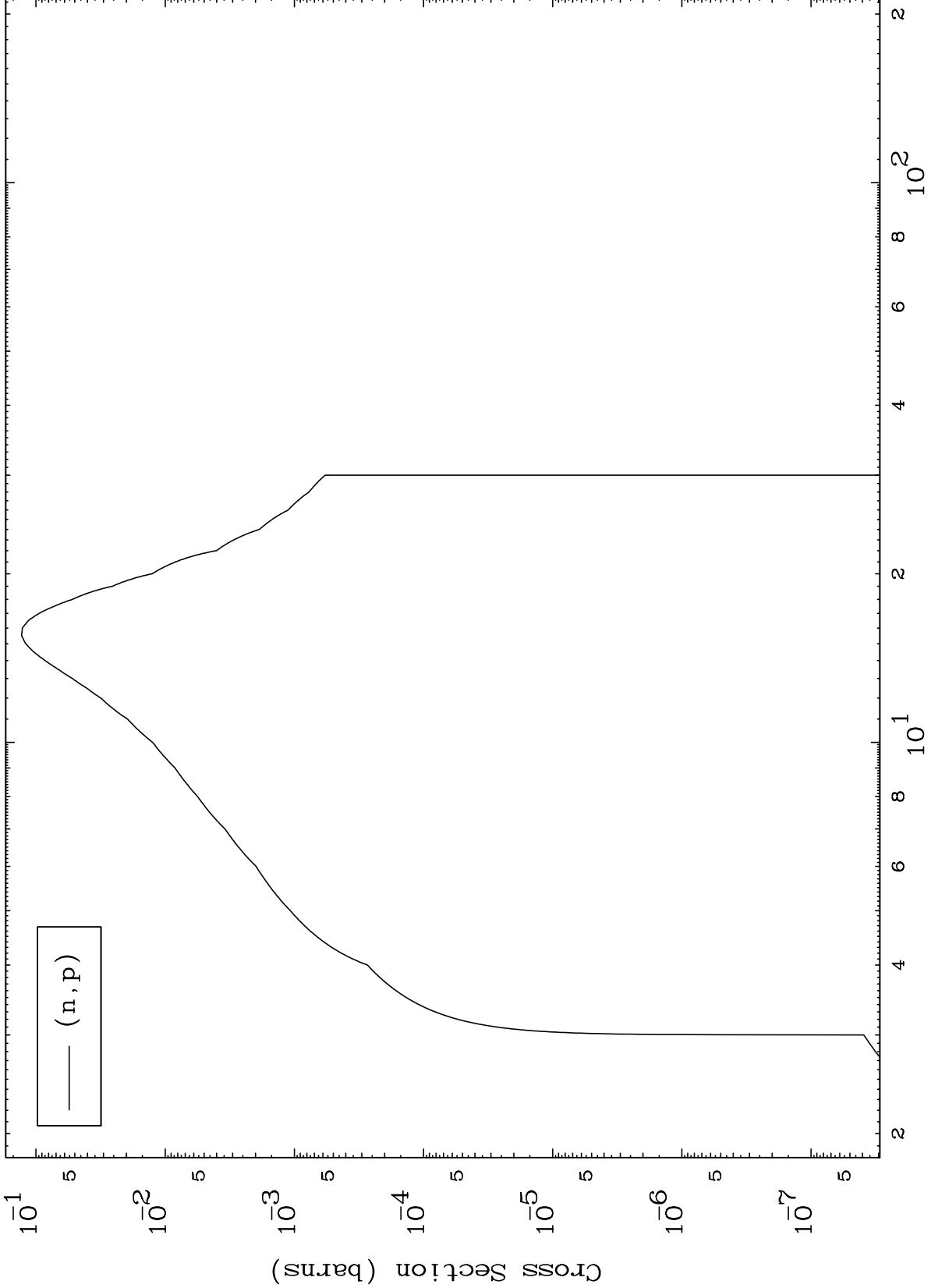
Incident Energy (MeV)

43-Tc-89m

MAT 4296

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

$^{43}\text{Tc-89m}$



(n, p)

7

Incident Energy (MeV)

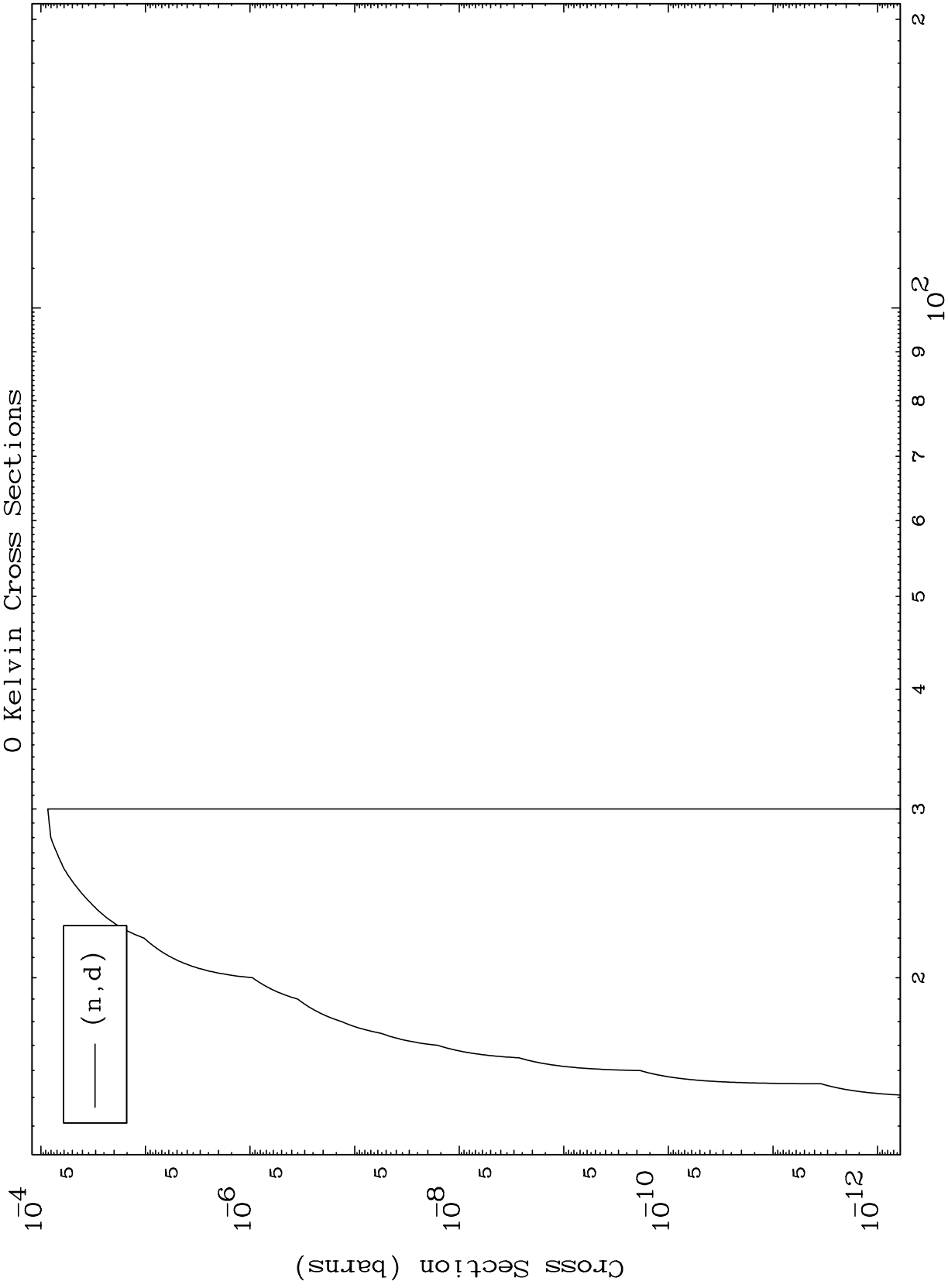
$^{43}\text{Tc-89m}$



MAT 4296

43-Tc-89m

( $\gamma, d$ ) Levels  
0 Kelvin Cross Sections



43-Tc-89m

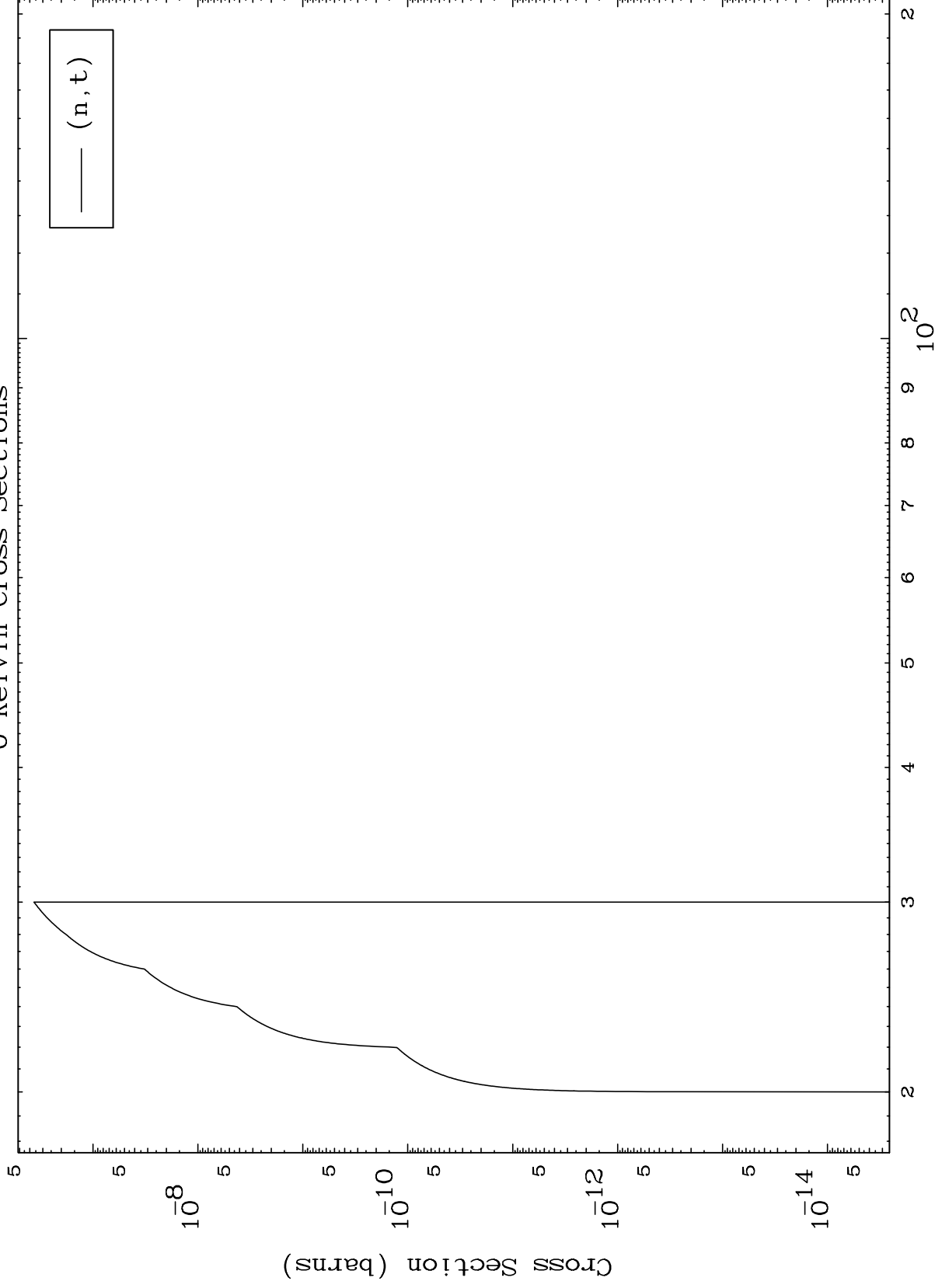
Incident Energy (MeV)

8

MAT 4296

( $\gamma, t$ ) Levels  
0 Kelvin Cross Sections

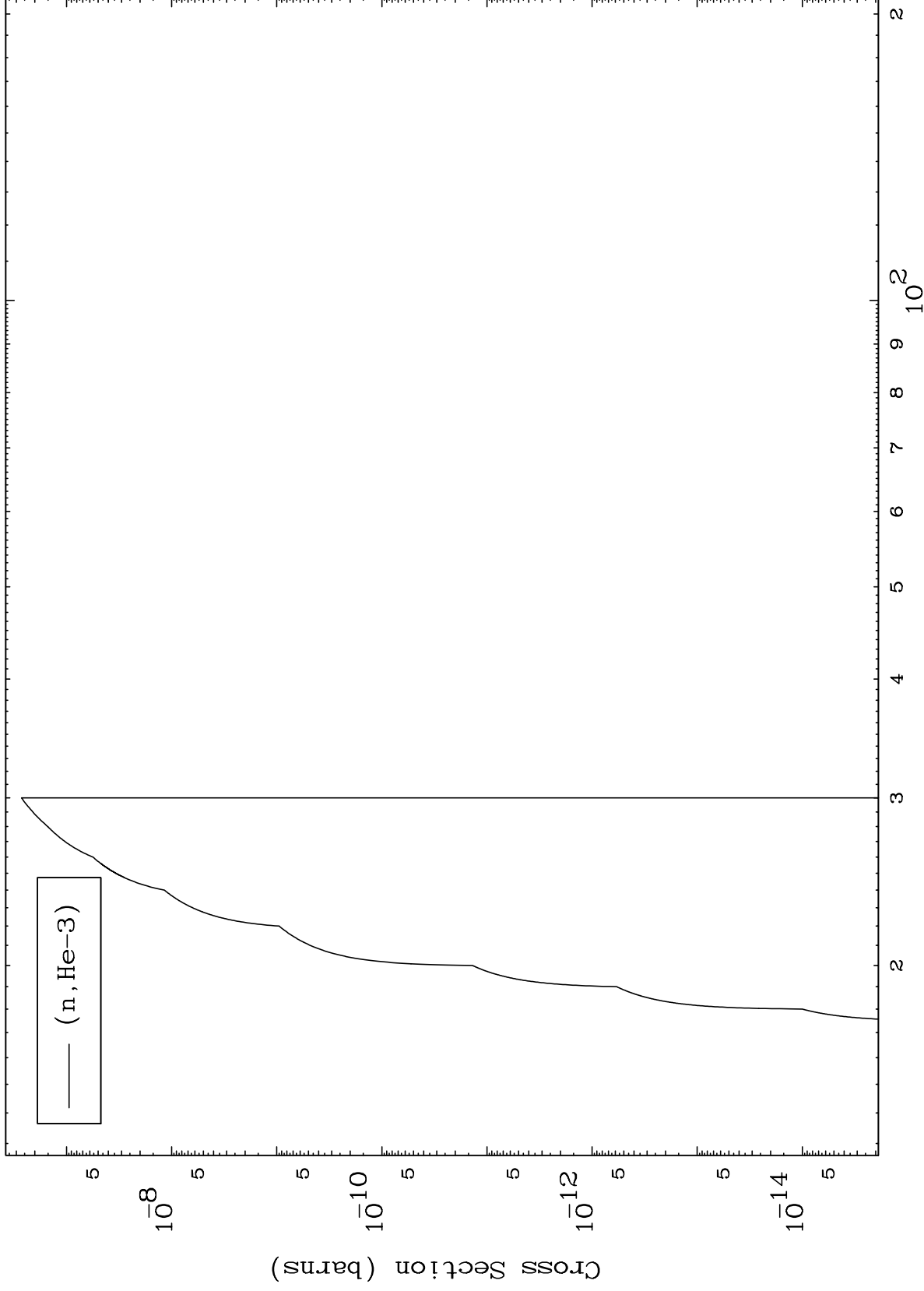
43-Tc-89m



MAT 4296

( $\gamma$ , He3) Levels  
0 Kelvin Cross Sections

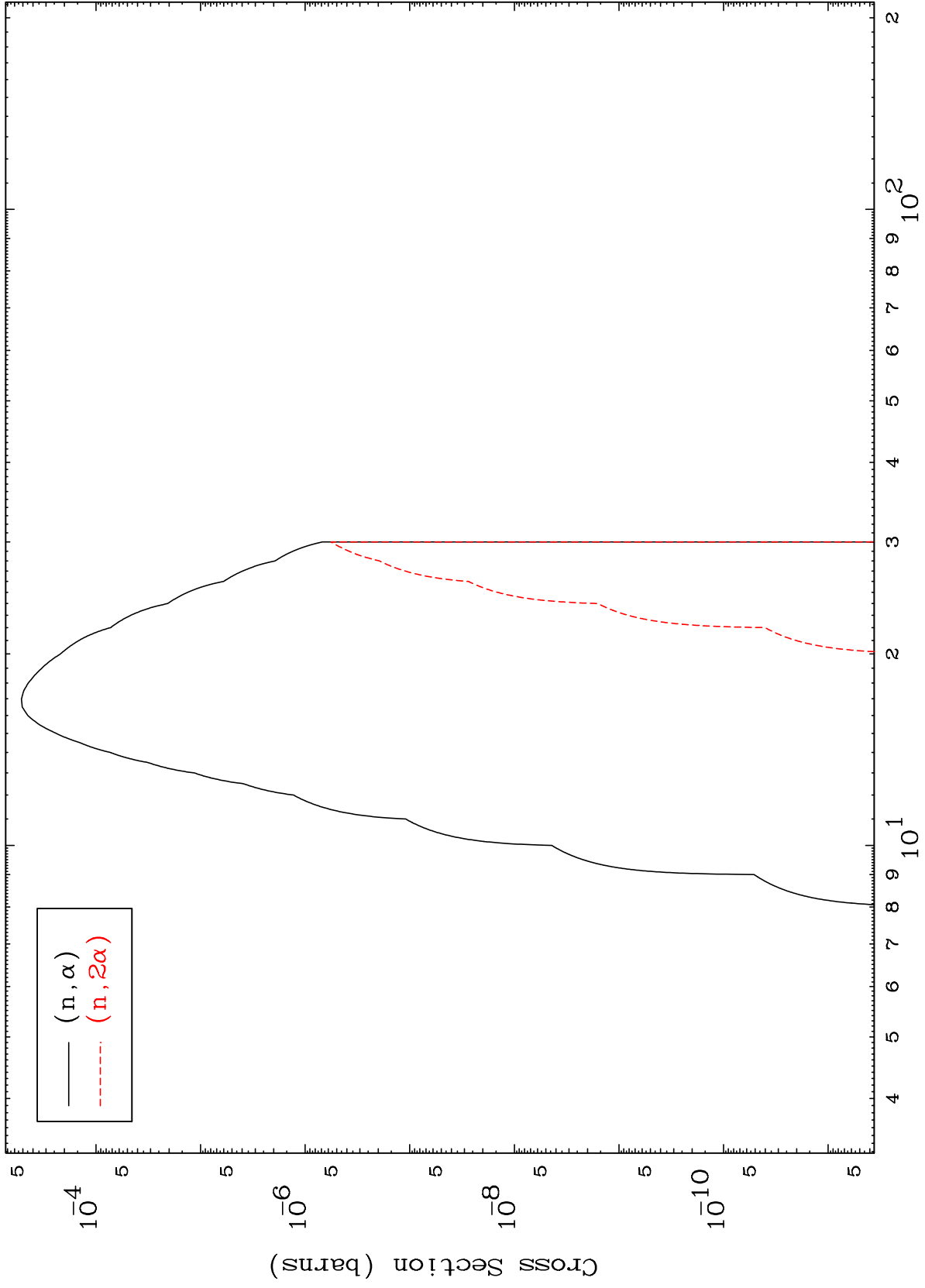
43-Tc-89m



10

Incident Energy (MeV)

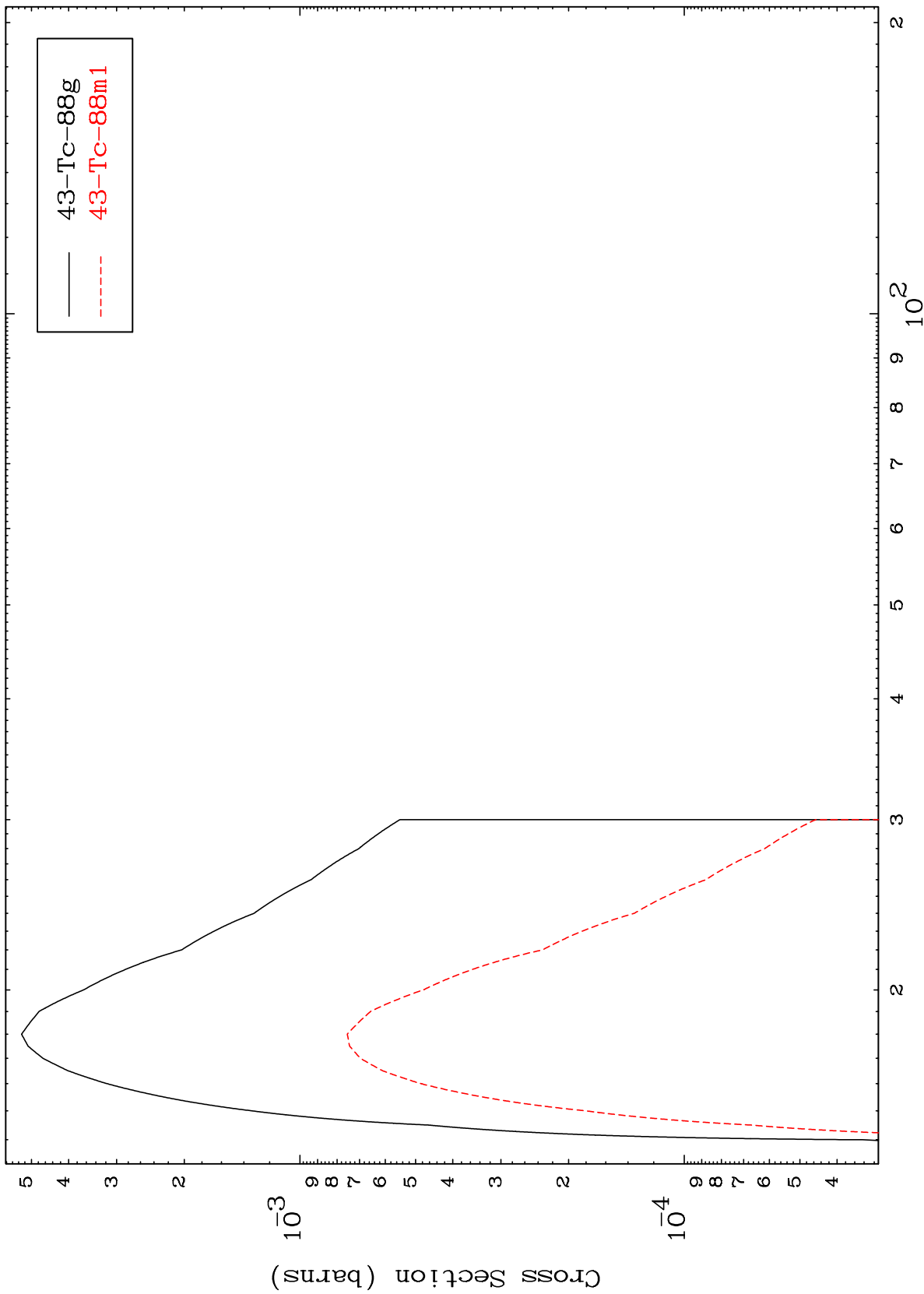
43-Tc-89m



MAT 4296

43-Tc-89m

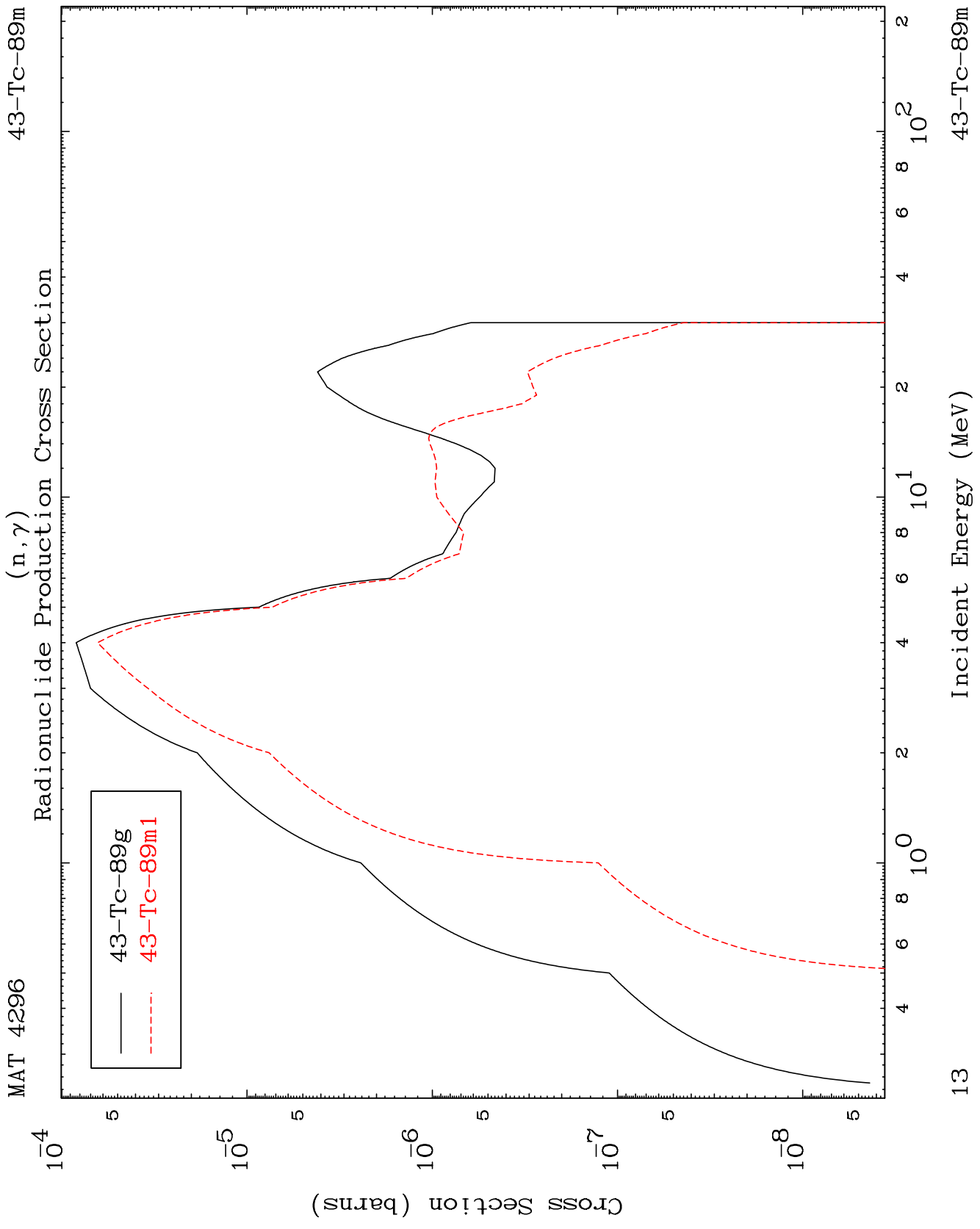
Inelastic  
Radionuclide Production Cross Section



12

43-Tc-89m

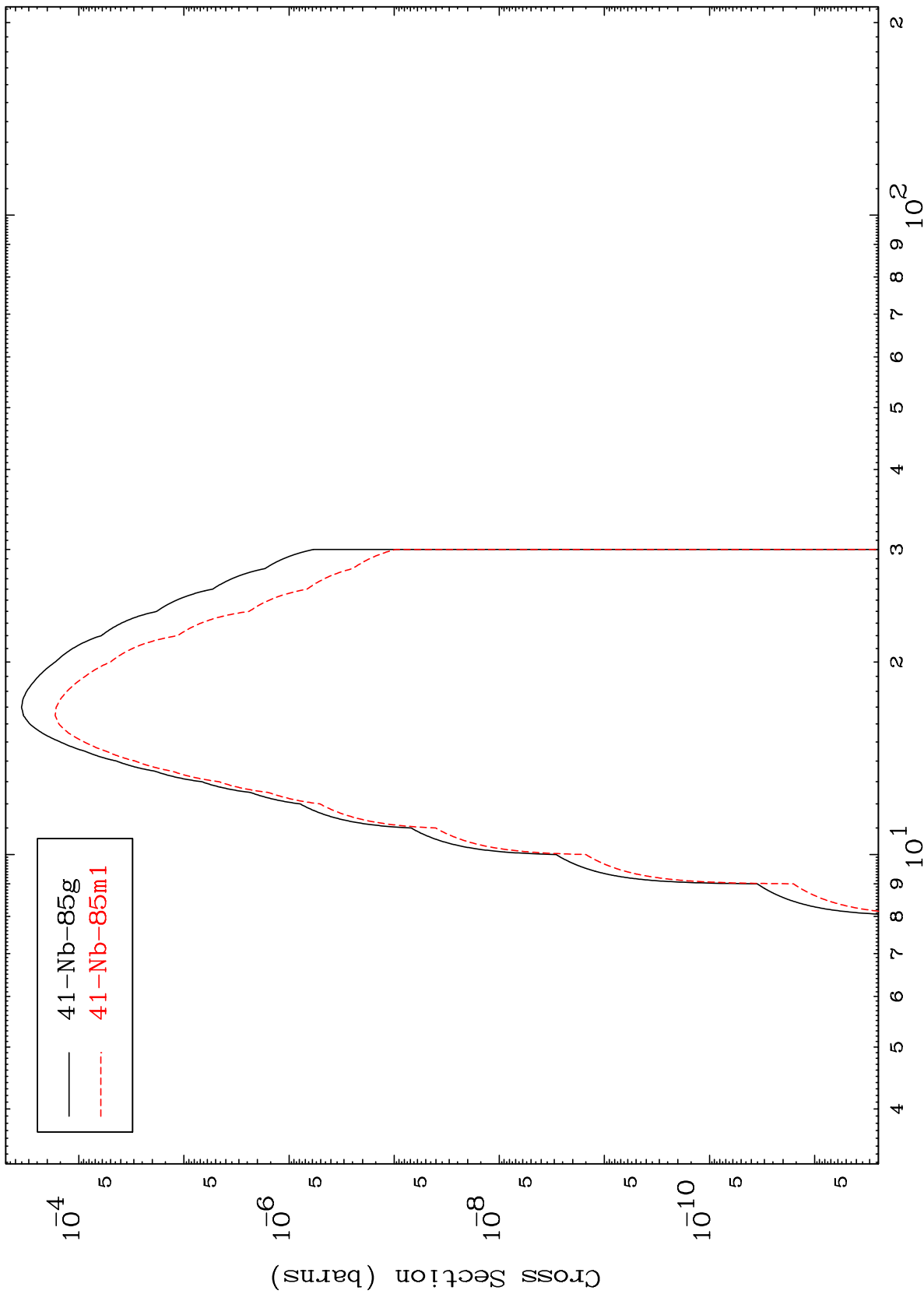
Incident Energy (MeV)



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43-Tc-89m

(n,  $\alpha$ )  
Radionuclide Production Cross Section



— 41-Nb-85g  
- - - 41-Nb-85m1

43-Tc-89m

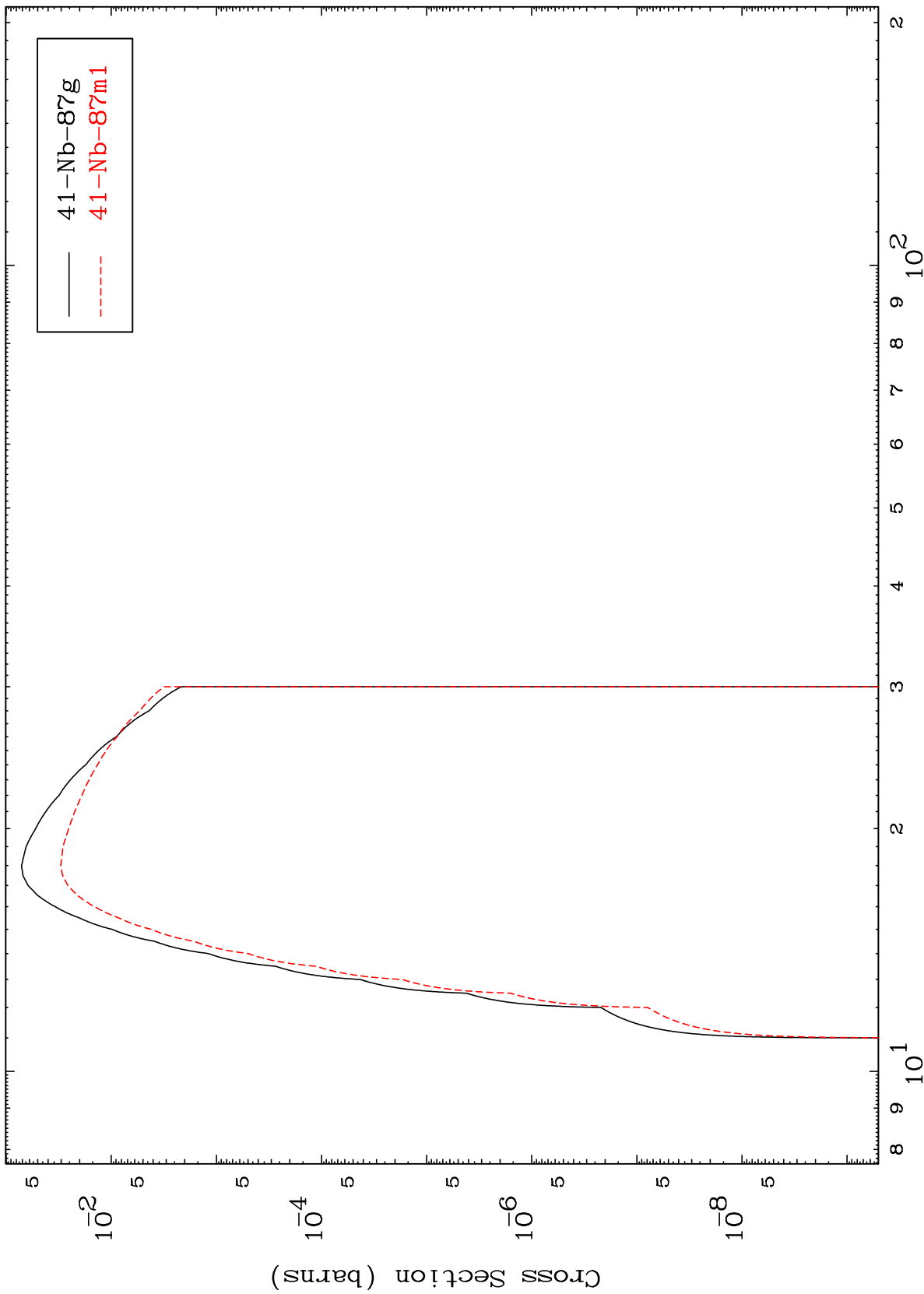
Incident Energy (MeV)

14

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43-Tc-89m

(n,2p)  
Radionuclide Production Cross Section



15

Incident Energy (MeV)

43-Tc-89m