

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

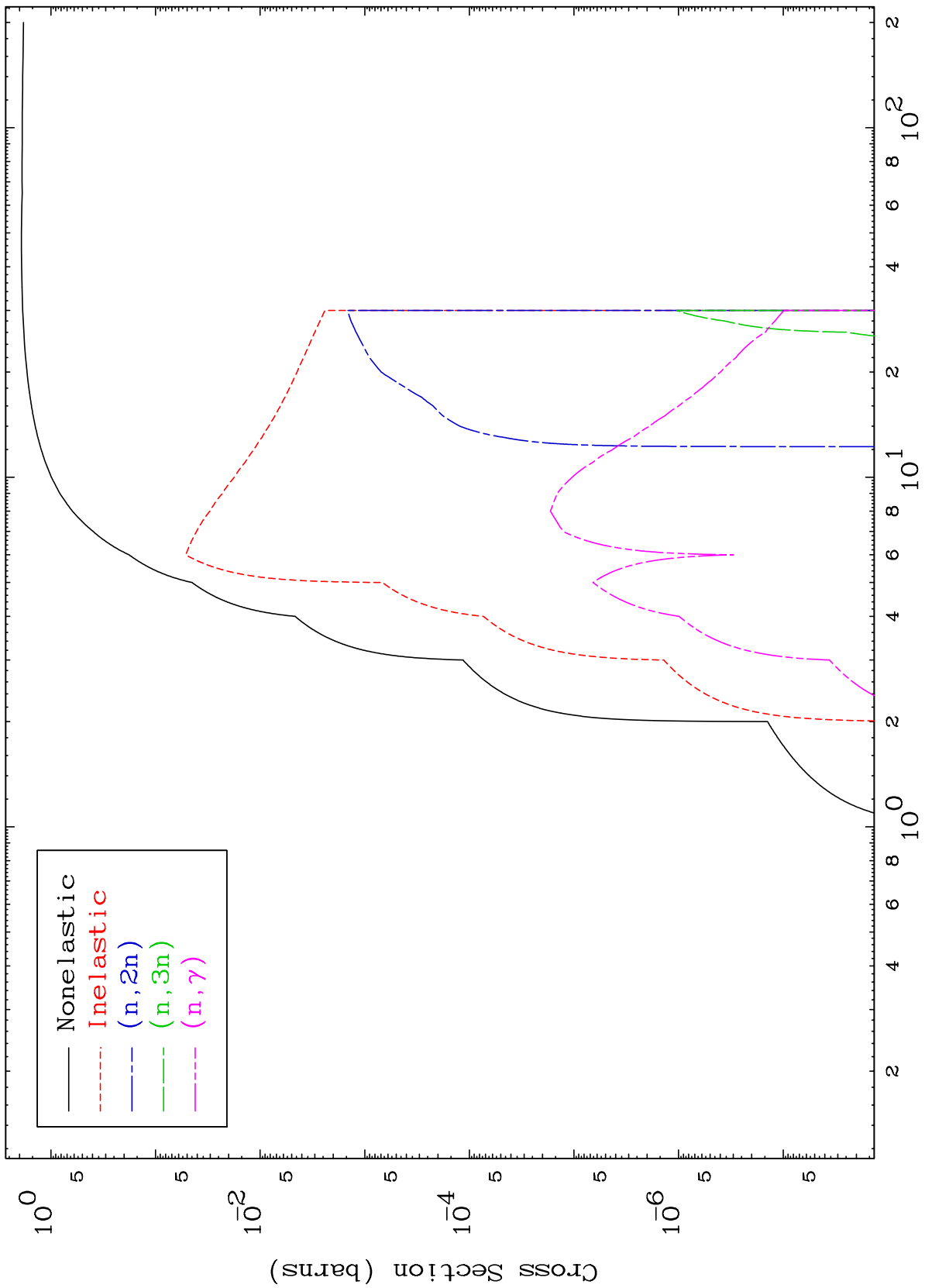
Press Mouse Button to Start

MAT 4296

Deuteron Major

43-Tc-89m

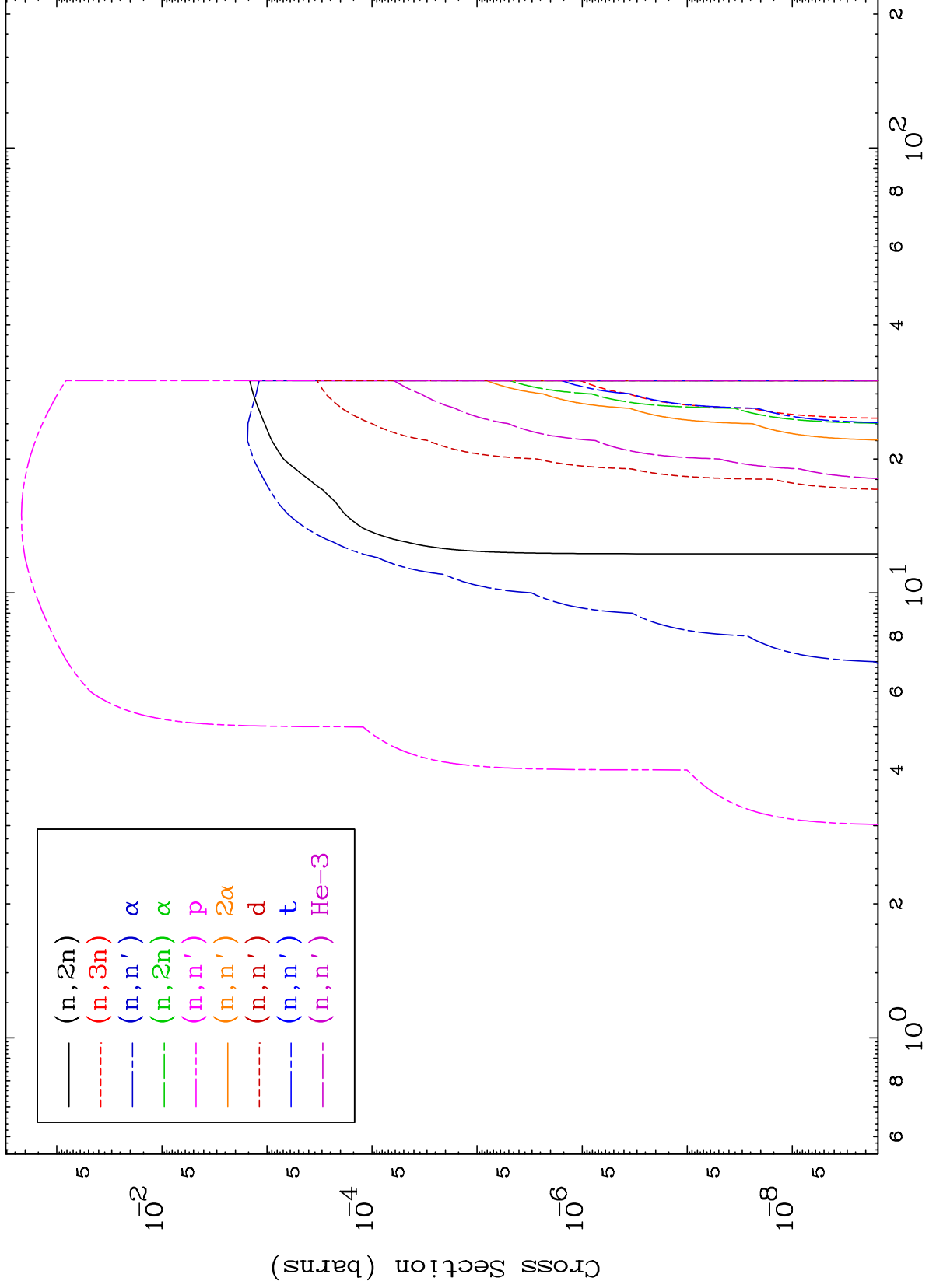
0 Kelvin Cross Sections

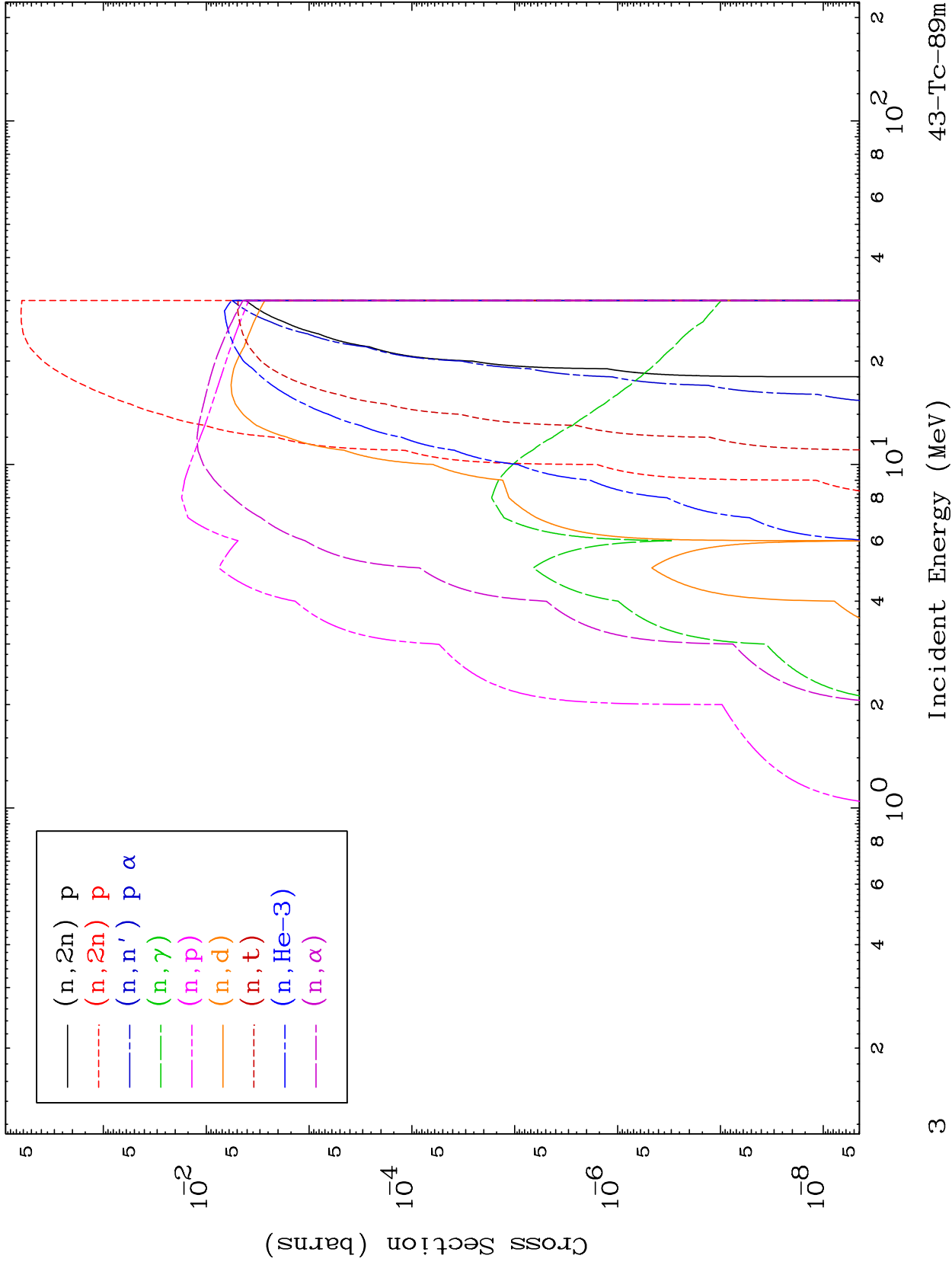


MAT 4296

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

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

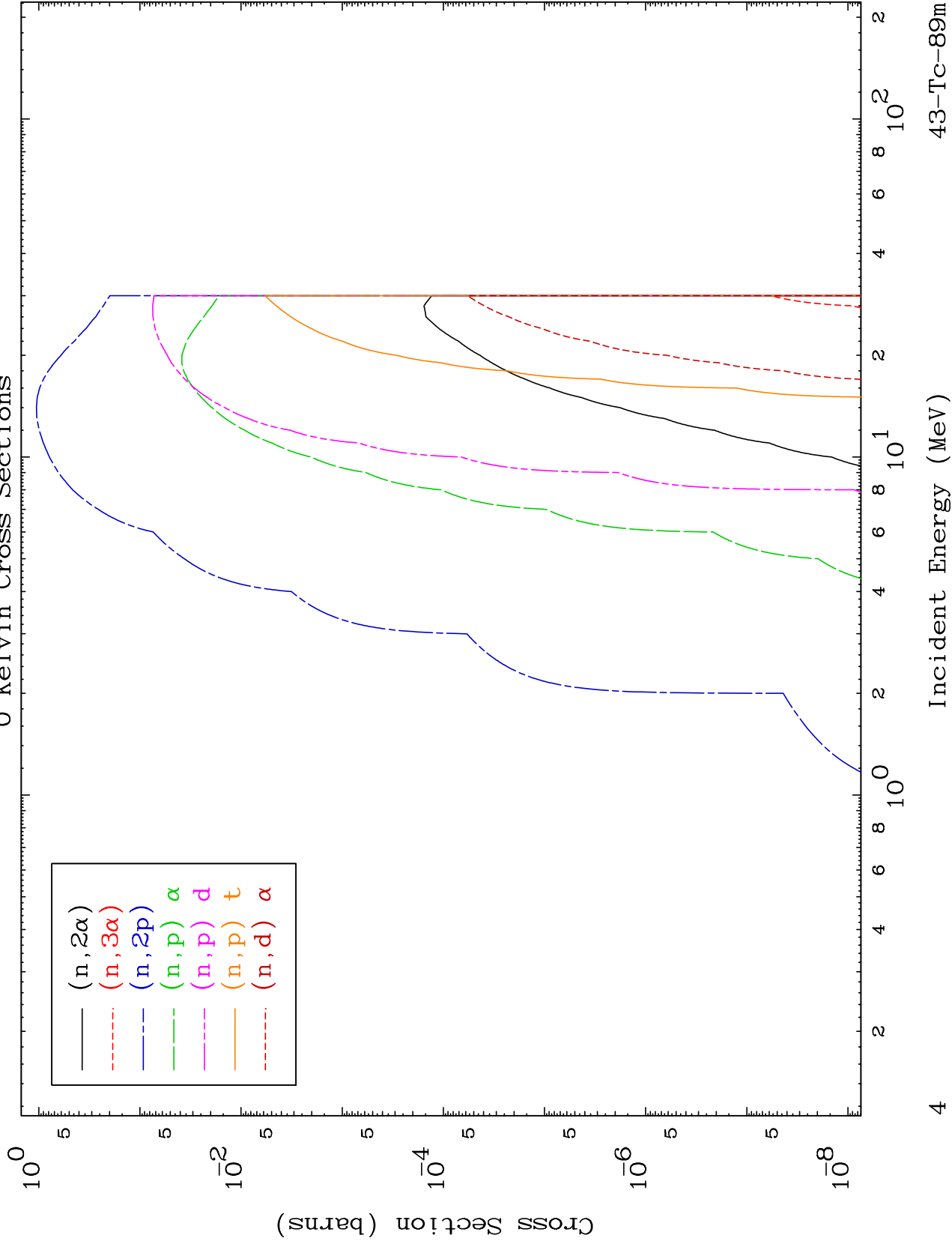


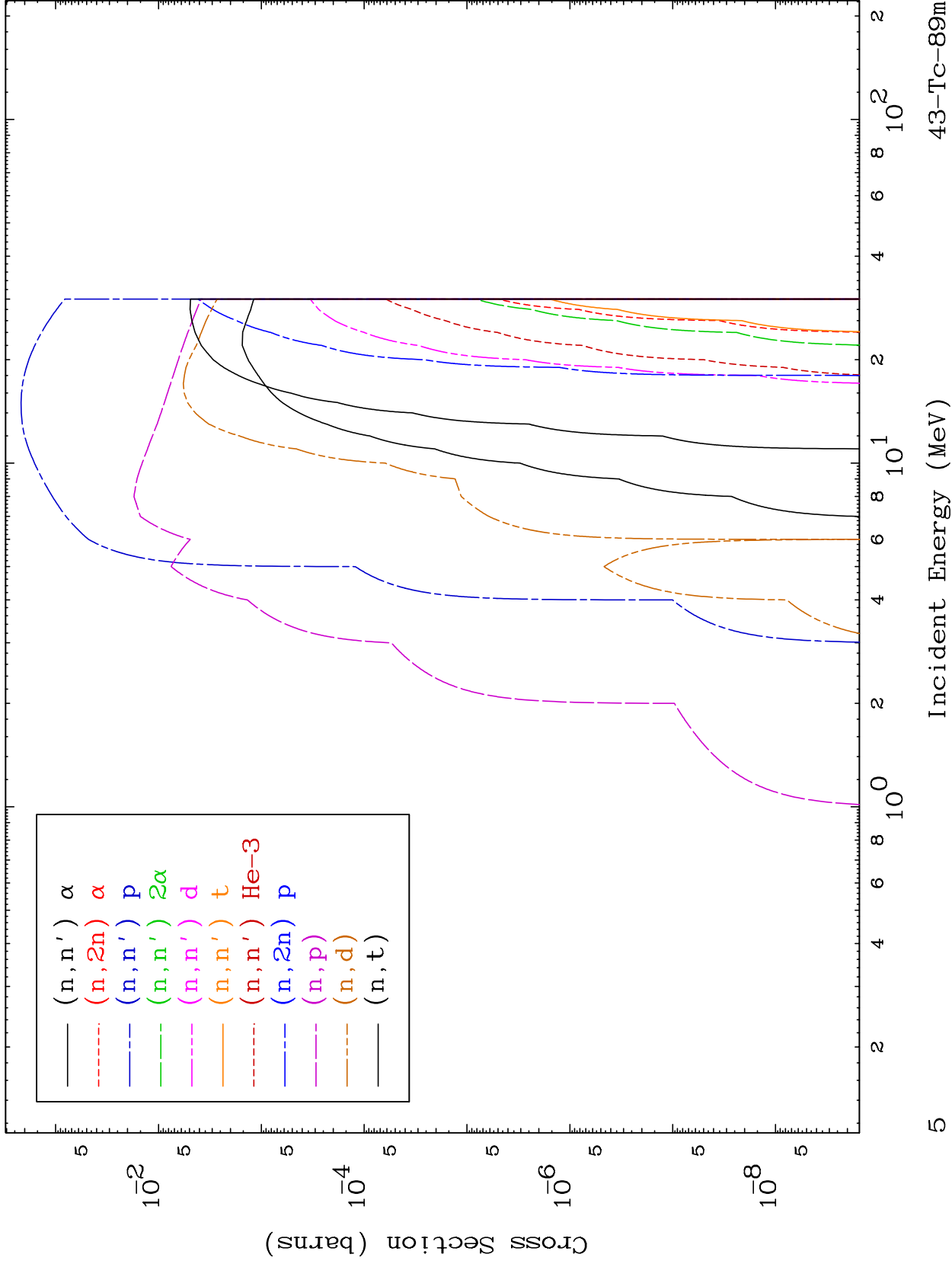


MAT 4296

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

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

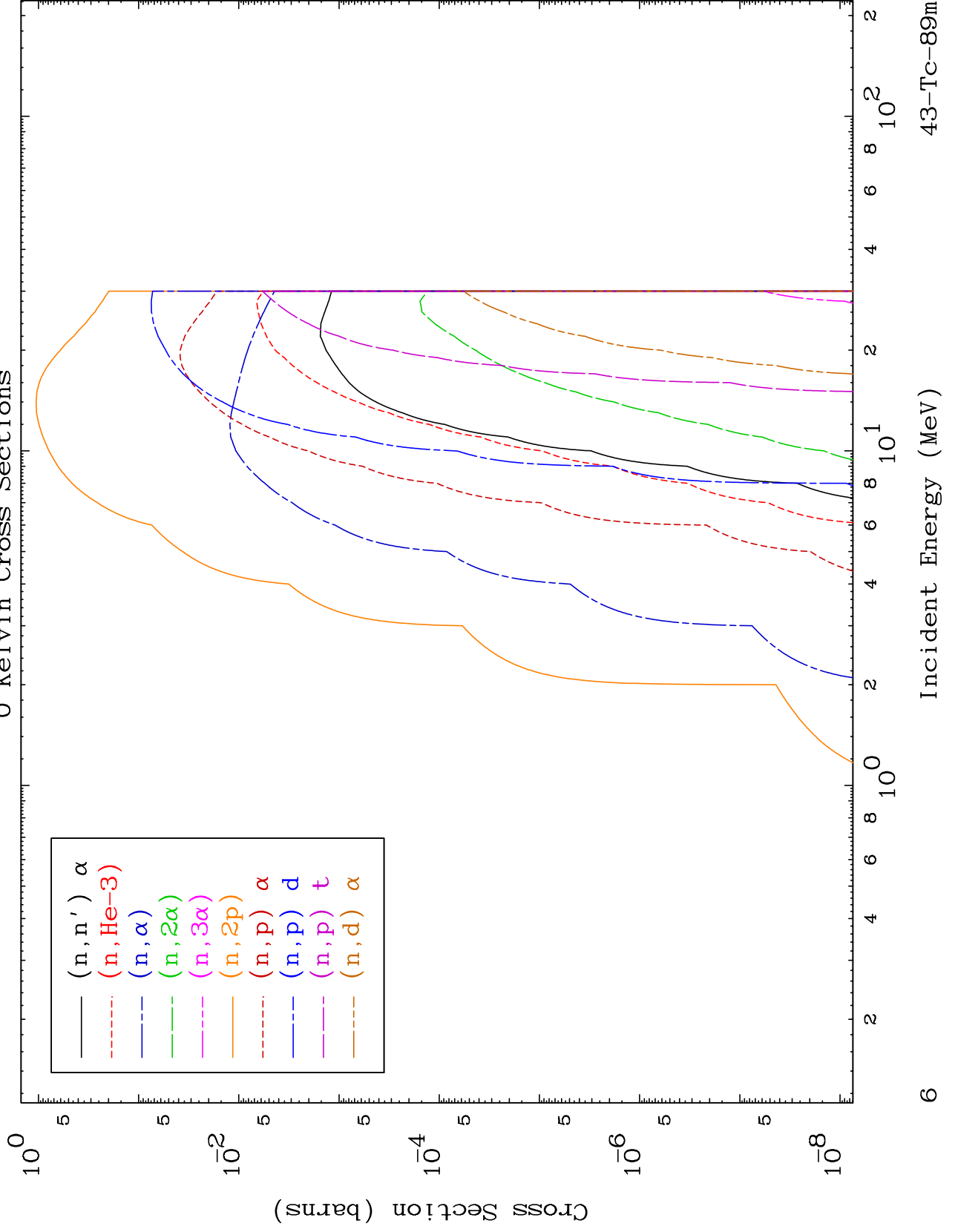




MAT 4296

Deuteron Charged Particle  
0 Kelvin Cross Sections

43-Tc-89m

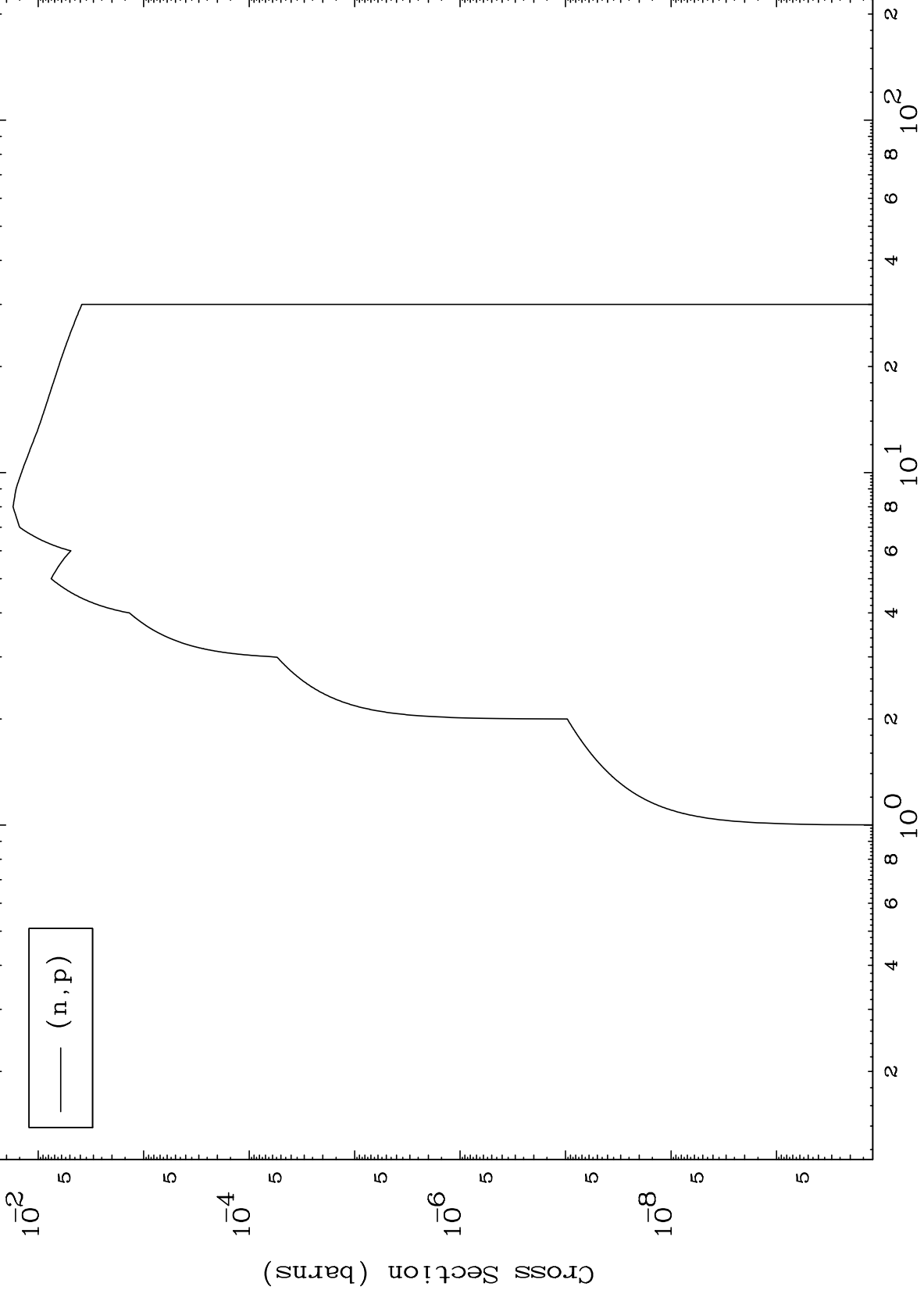


MAT 4296

(d,p) Levels

43-Tc-89m

0 Kelvin Cross Sections



43-Tc-89m

Incident Energy (MeV)

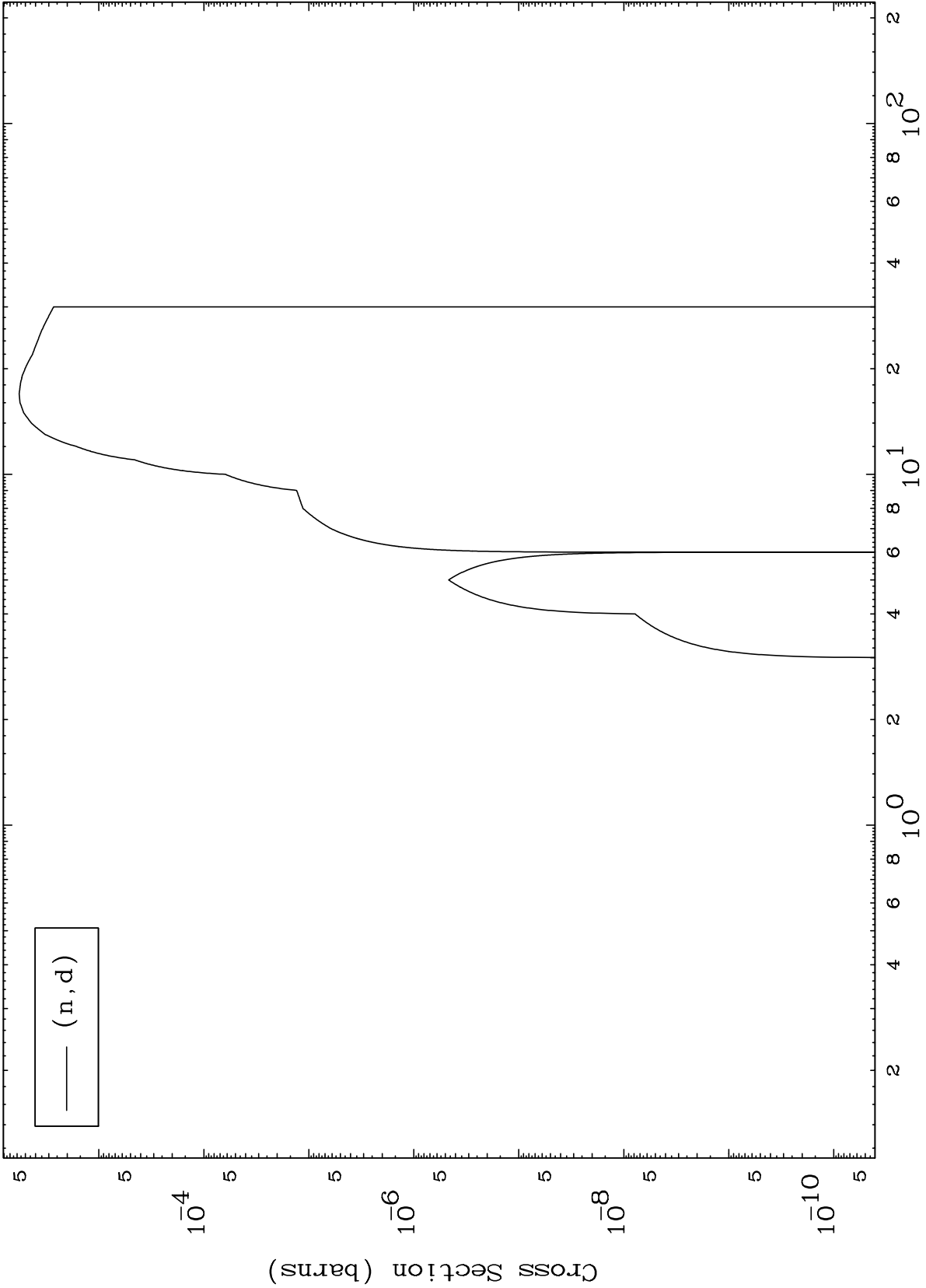


MAT 4296

(d,d) Levels

43-Tc-89m

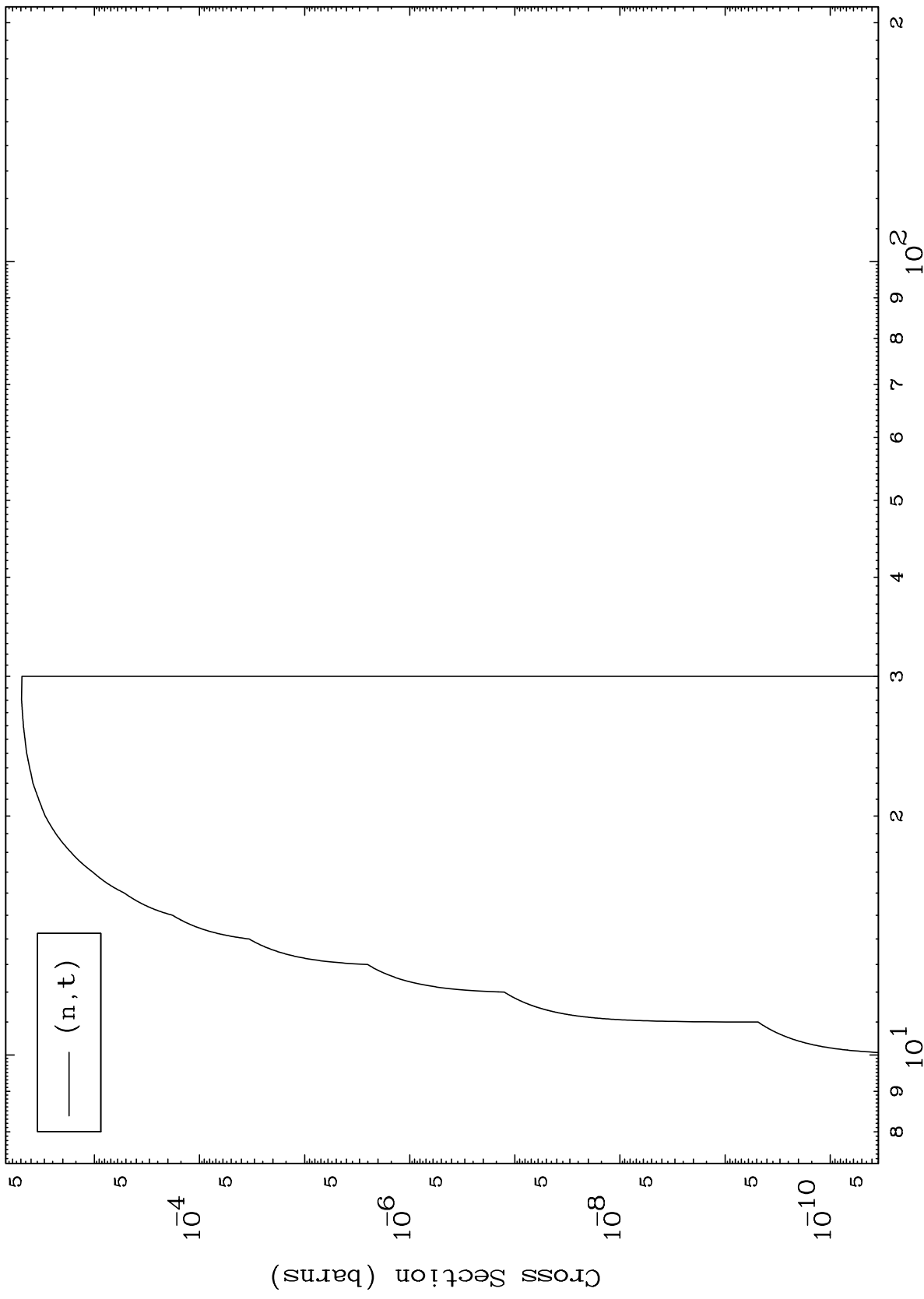
0 Kelvin Cross Sections



MAT 4296

(d, t) Levels  
0 Kelvin Cross Sections

43-Tc-89m



9

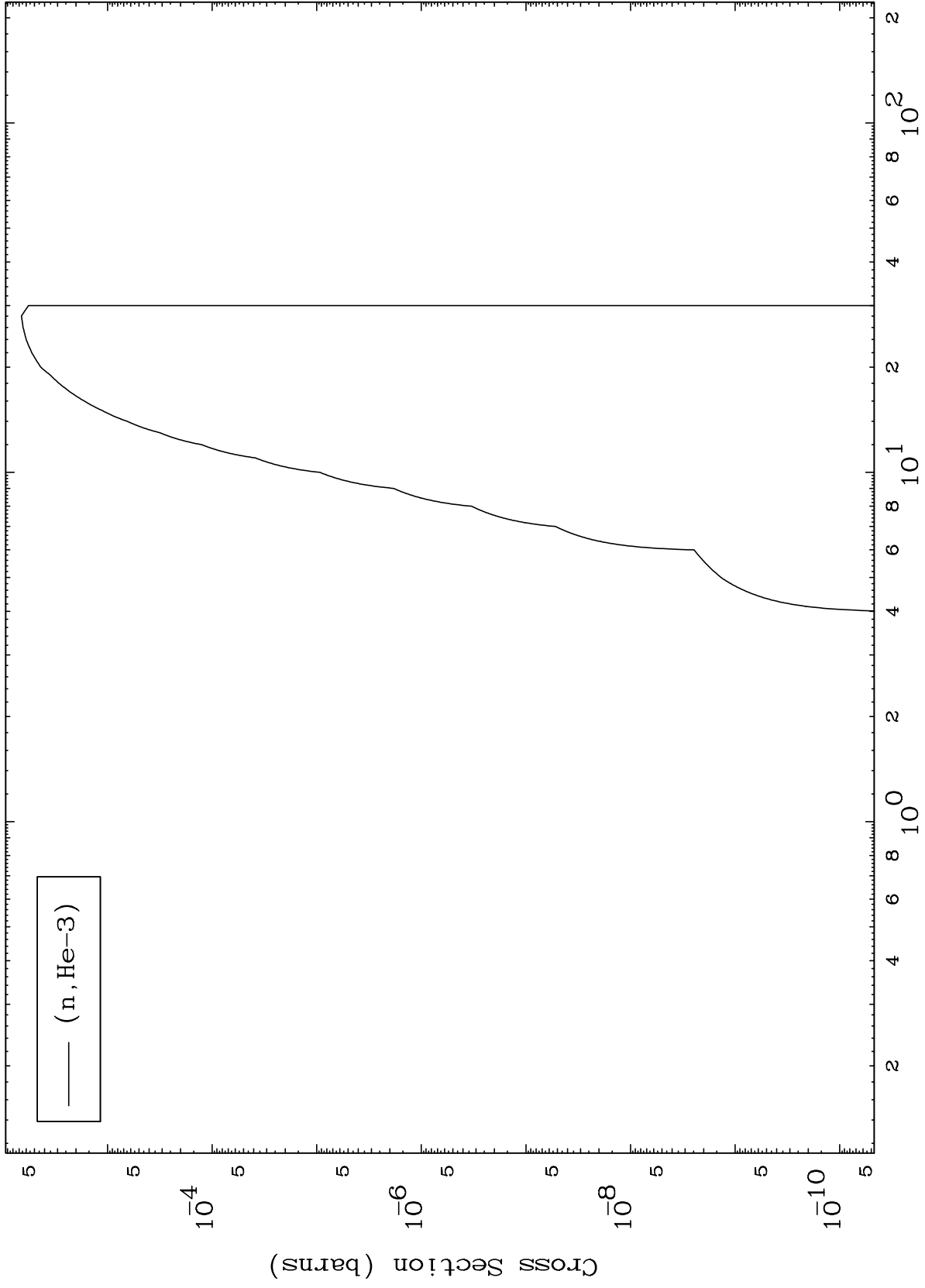
Incident Energy (MeV)

43-Tc-89m

MAT 4296

(d,He3) Levels  
0 Kelvin Cross Sections

43-Tc-89m



10

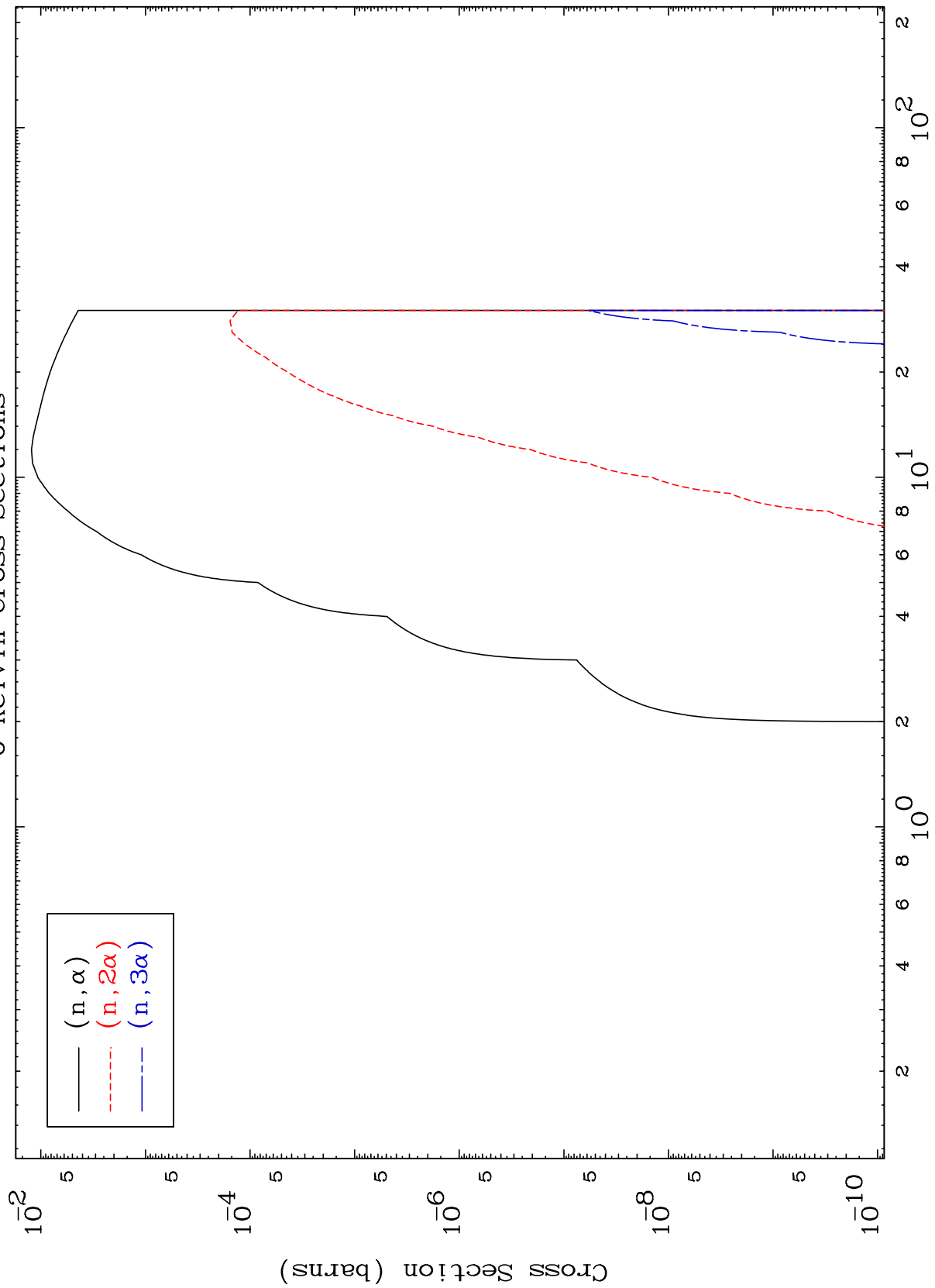
Incident Energy (MeV)

43-Tc-89m

MAT 4296

43-Tc-89m

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



43-Tc-89m

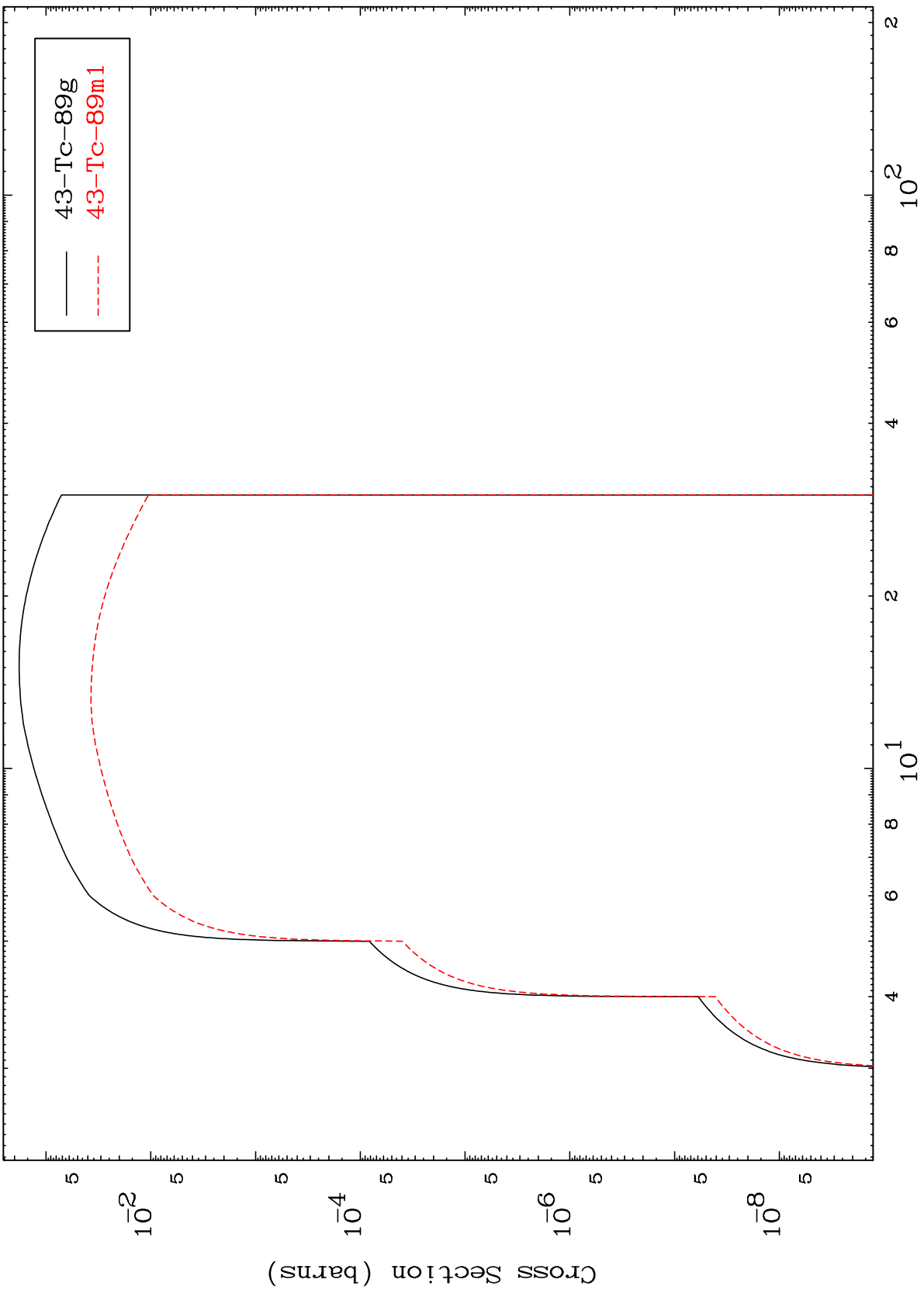
Incident Energy (MeV)

MAT 4296

(n,n') p

43-Tc-89m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

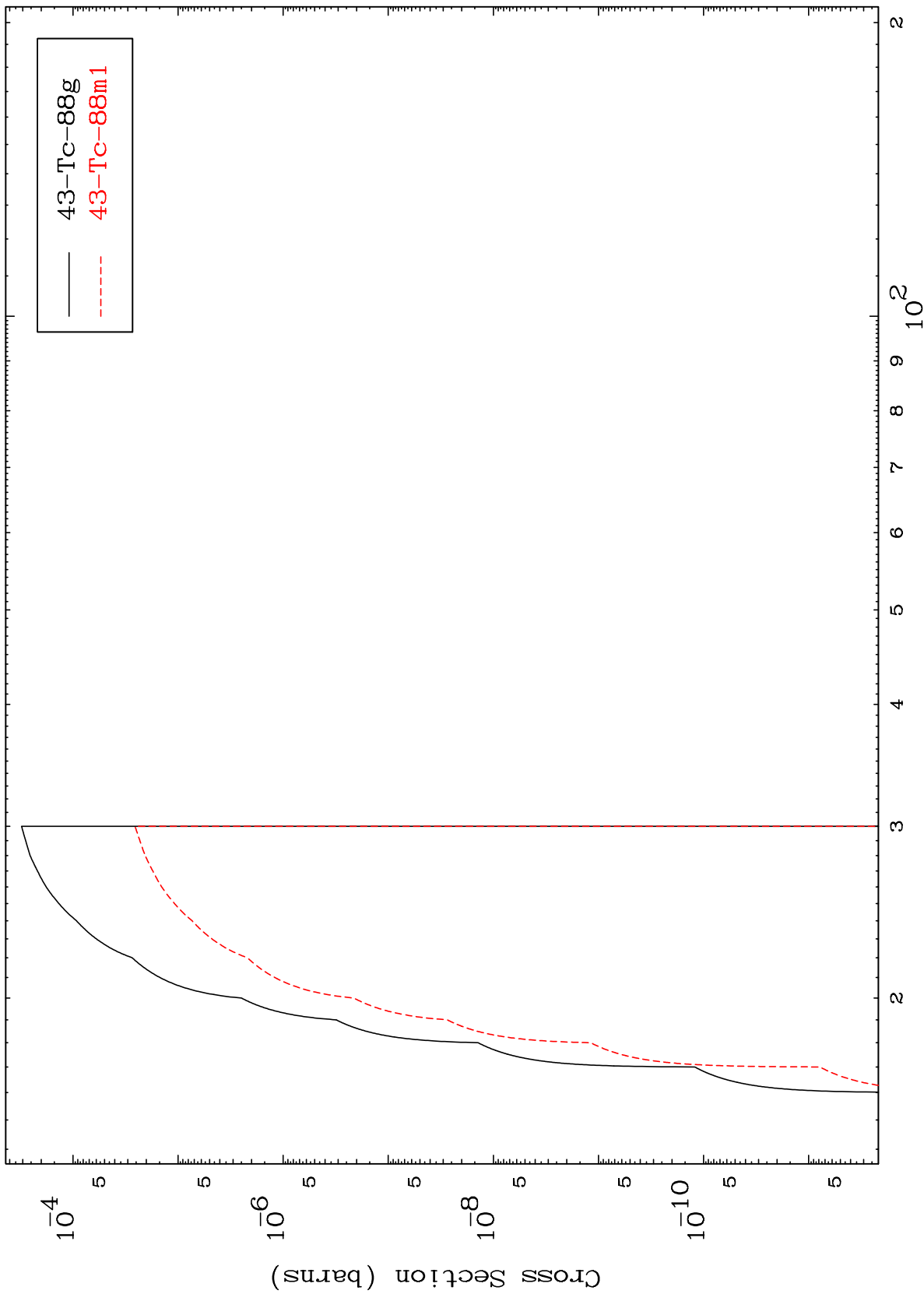
43-Tc-89m

MAT 4296

(n,n') d

43-Tc-89m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

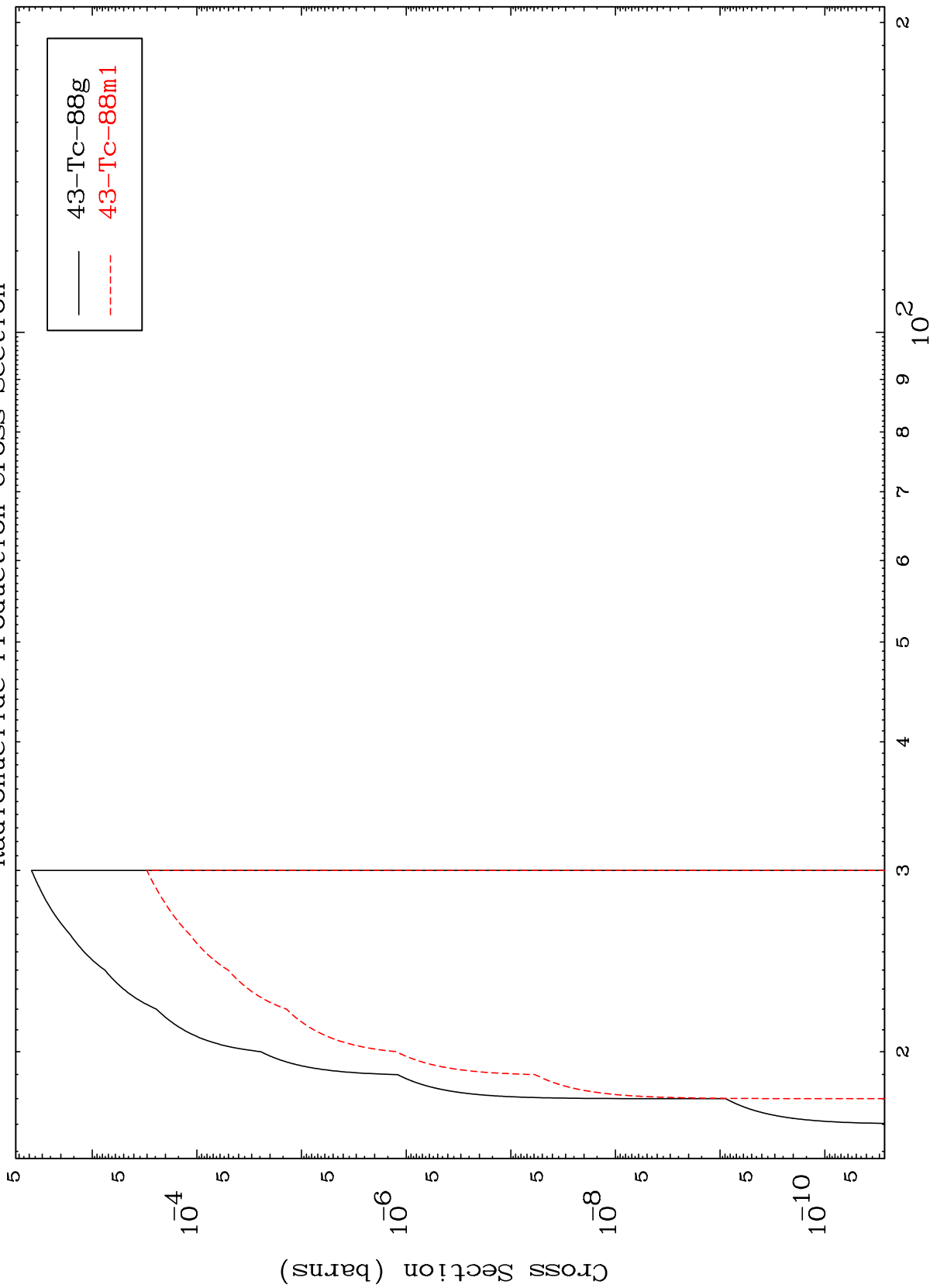
43-Tc-89m

MAT 4296

(n,2n) p

43-Tc-89m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

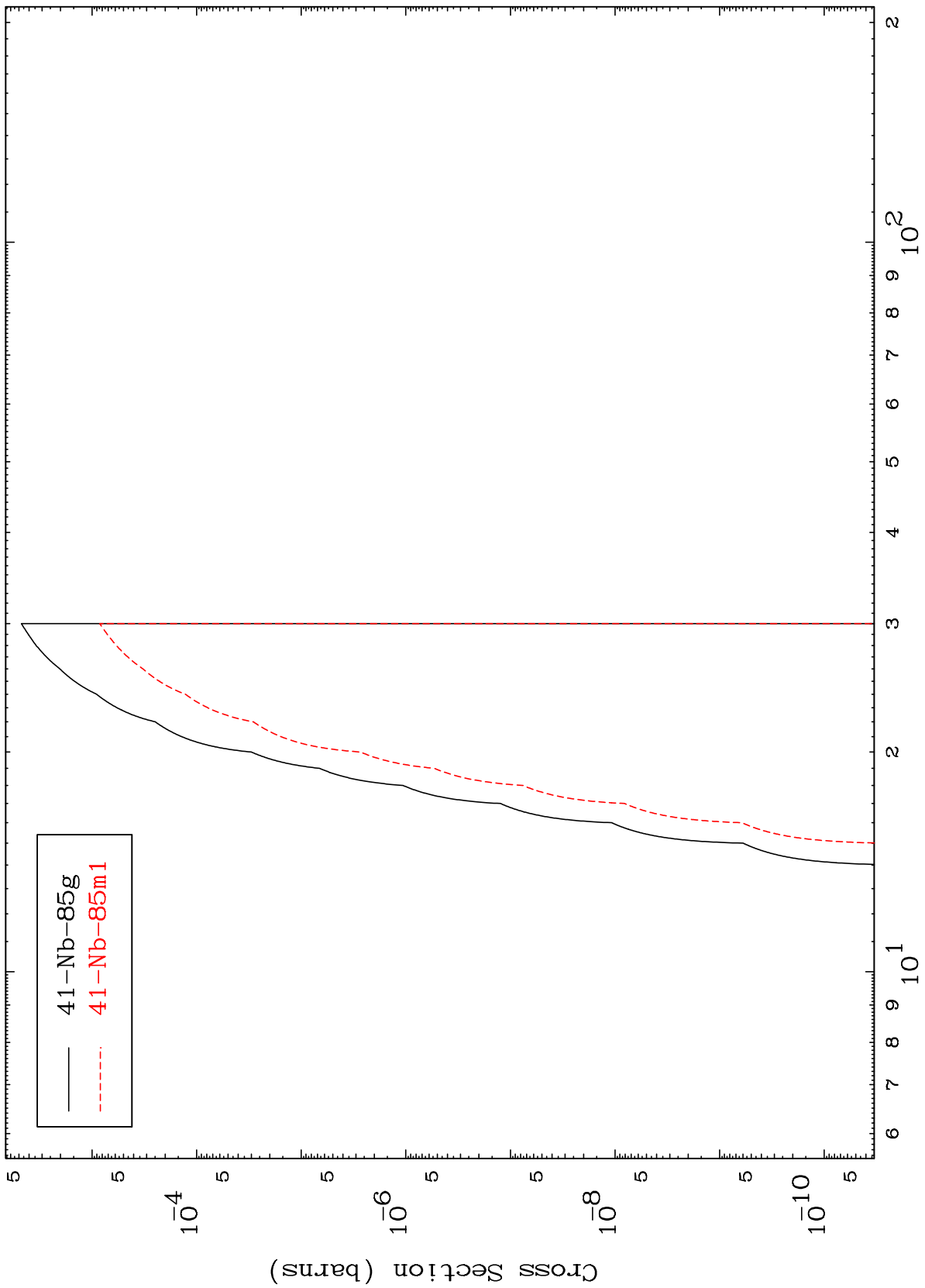
43-Tc-89m

MAT 4296

(n,n') p  $\alpha$

43-Tc-89m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

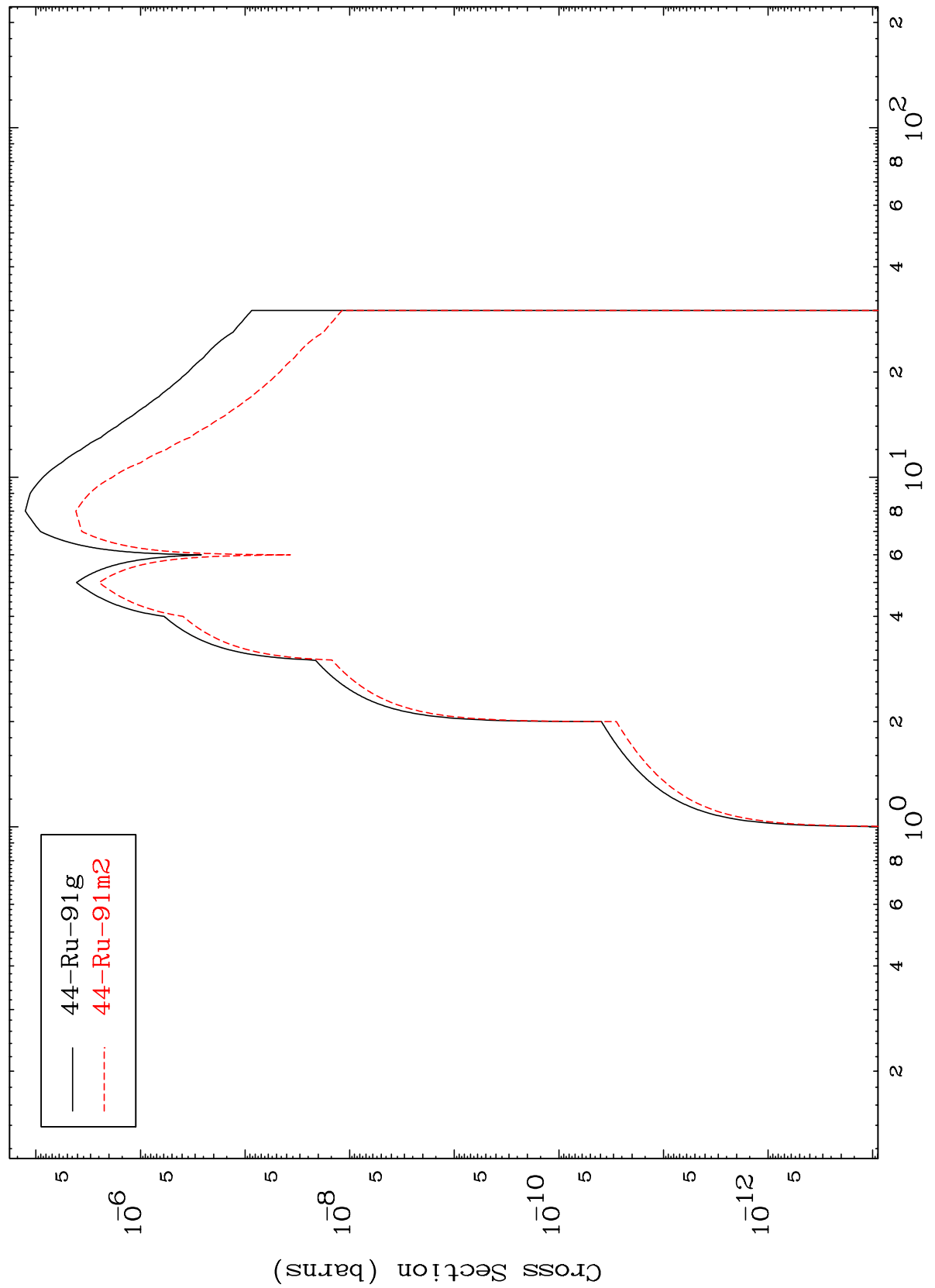
43-Tc-89m



MAT 4296

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

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



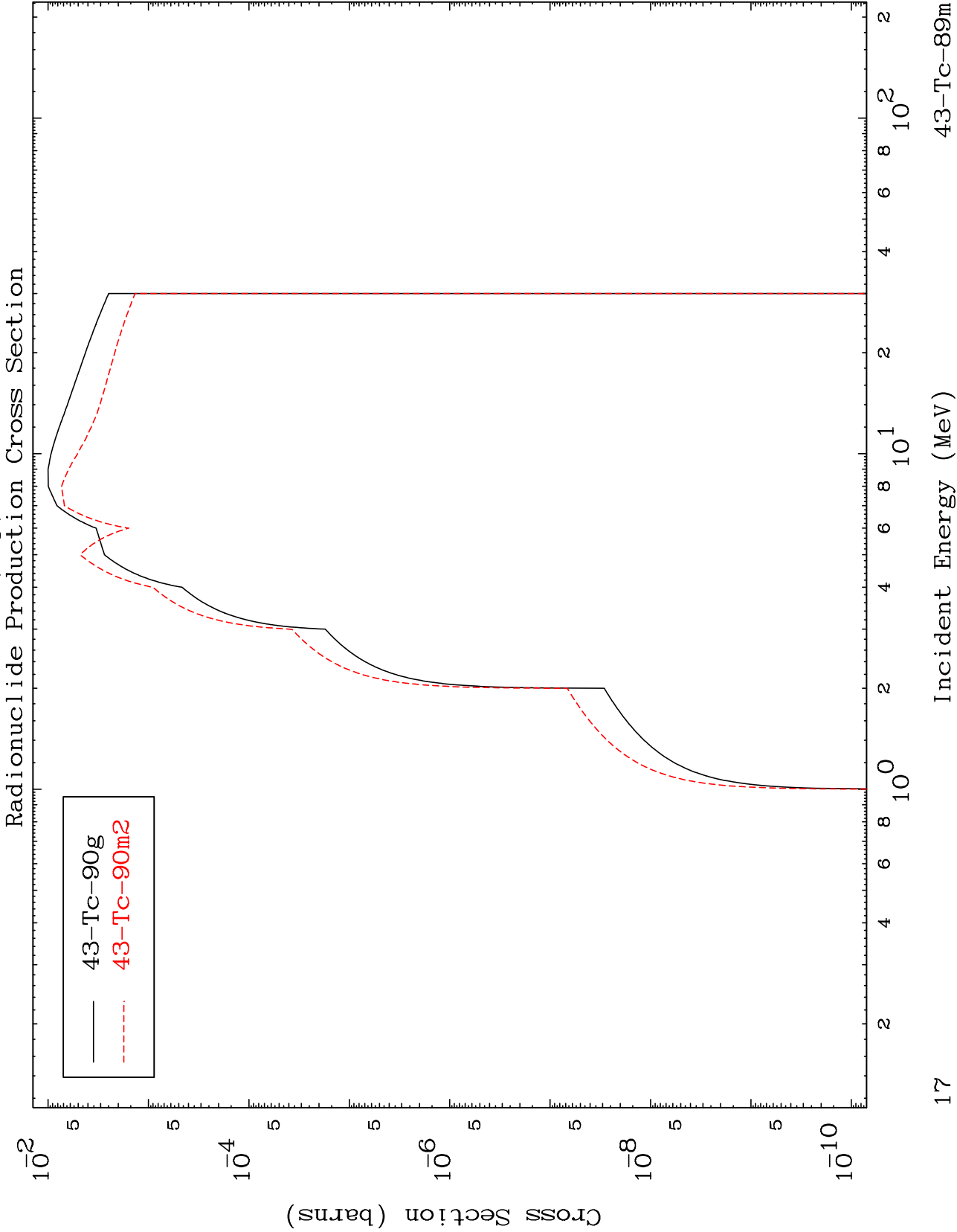
$^{43}\text{Tc-89m}$

Incident Energy (MeV)

16

MAT 4296

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

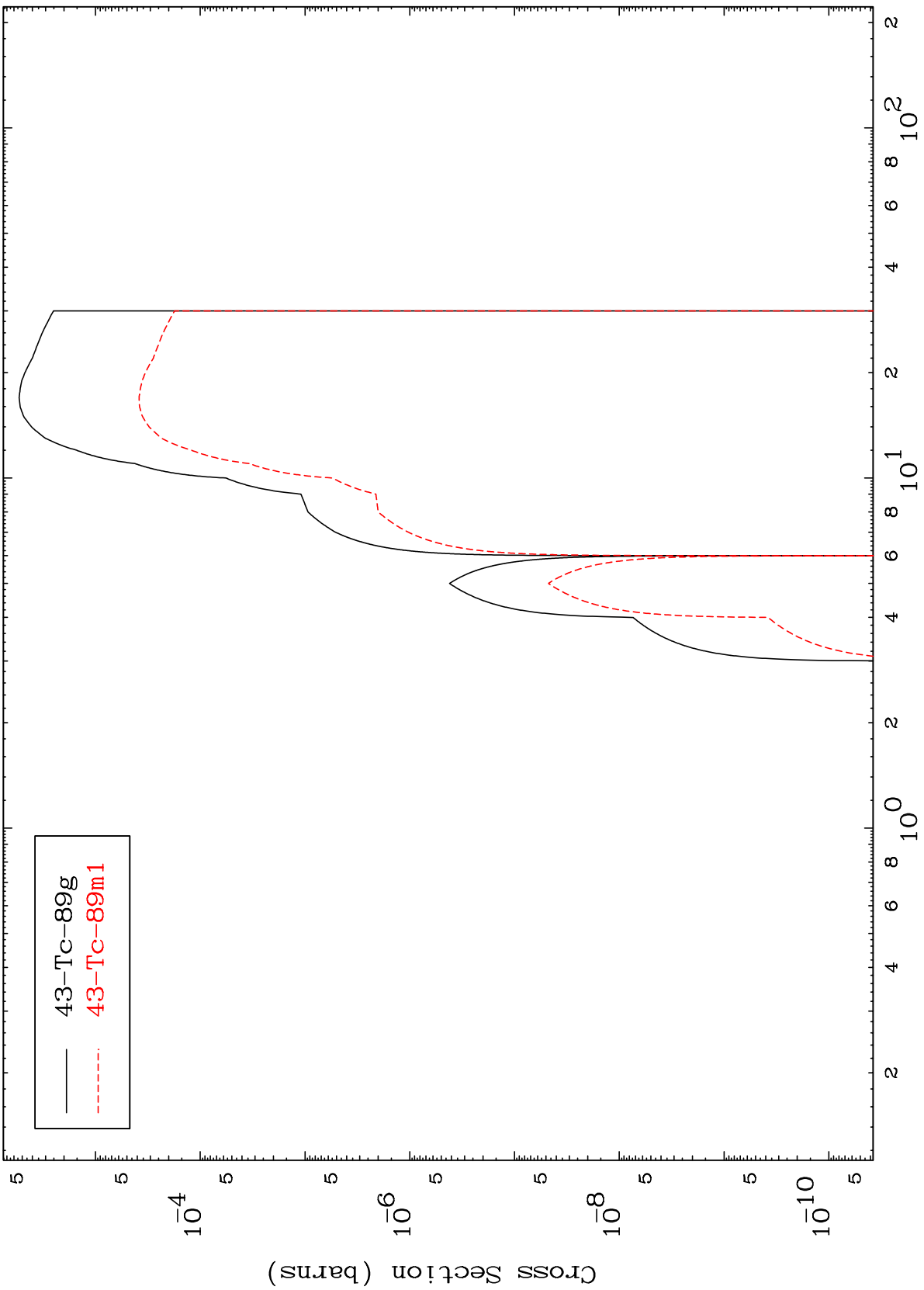


MAT 4296

(n,d)

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

Radionuclide Production Cross Section



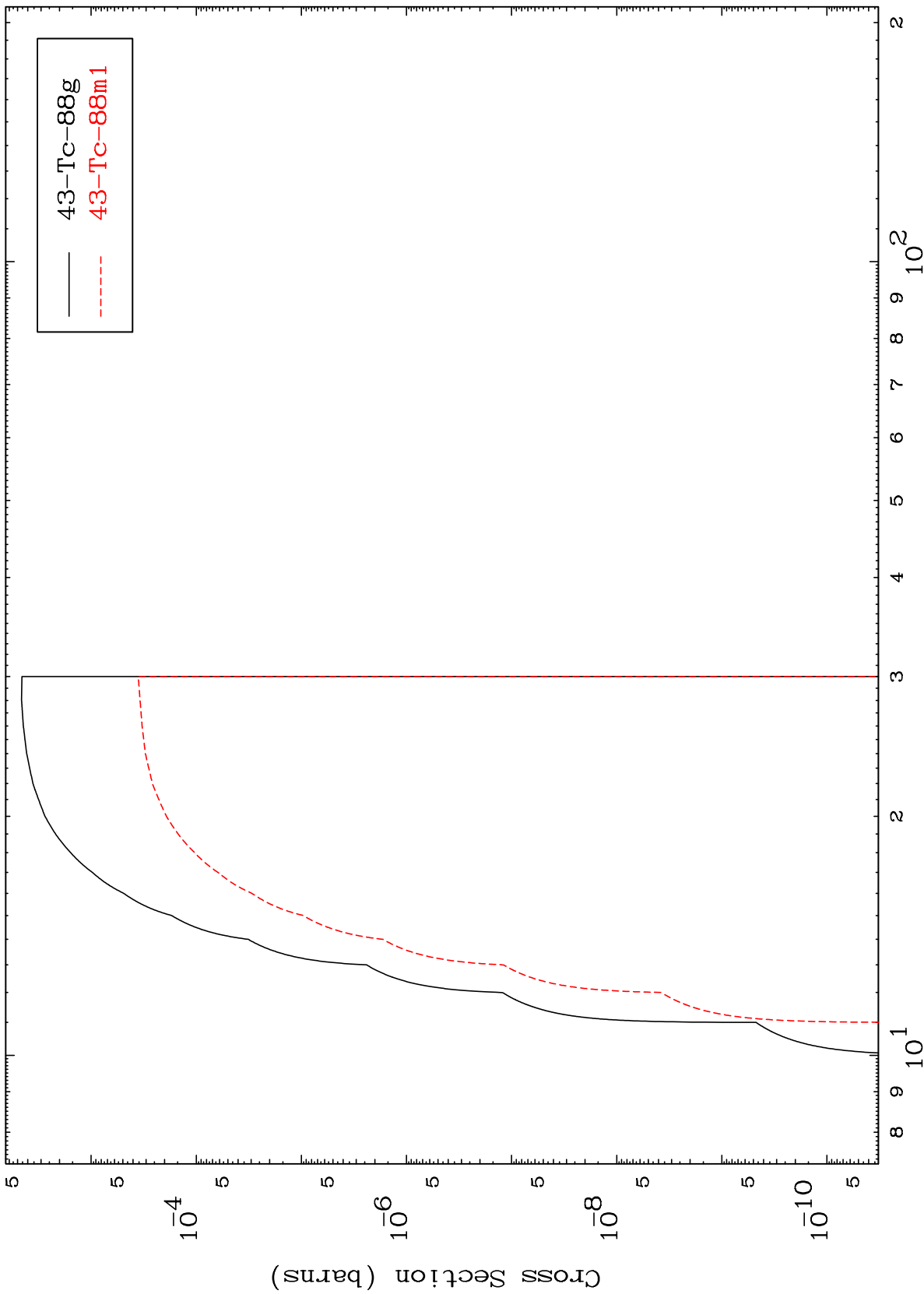
— 43-Tc-89g  
- - - 43-Tc-89m1

MAT 4296

(n, t)

43-Tc-89m

Radionuclide Production Cross Section



19

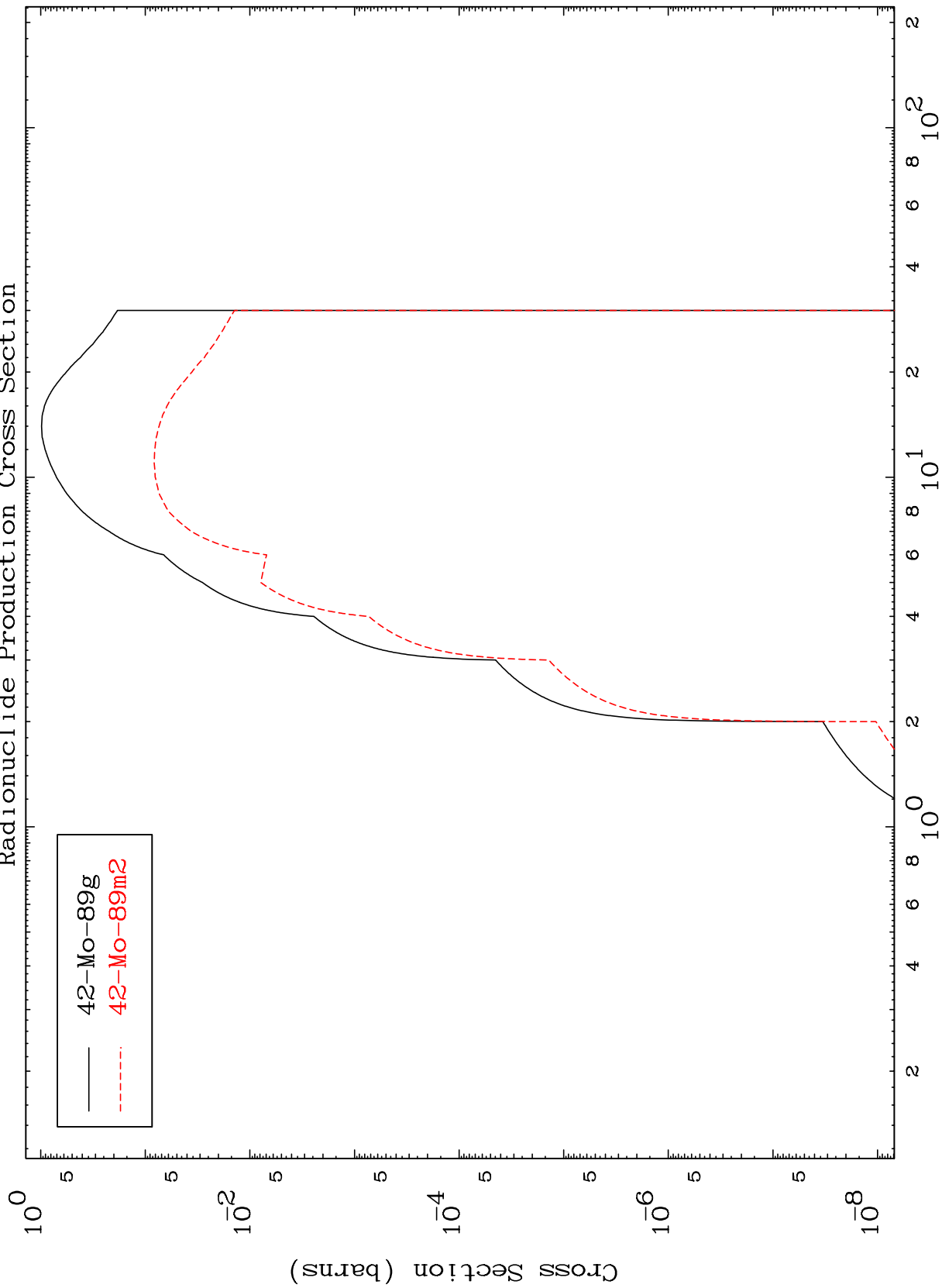
Incident Energy (MeV)

43-Tc-89m

MAT 4296

43-Tc-89m

(n,2p)  
Radionuclide Production Cross Section



— 42-Mo-89g  
- - - 42-Mo-89m2

20

Incident Energy (MeV)

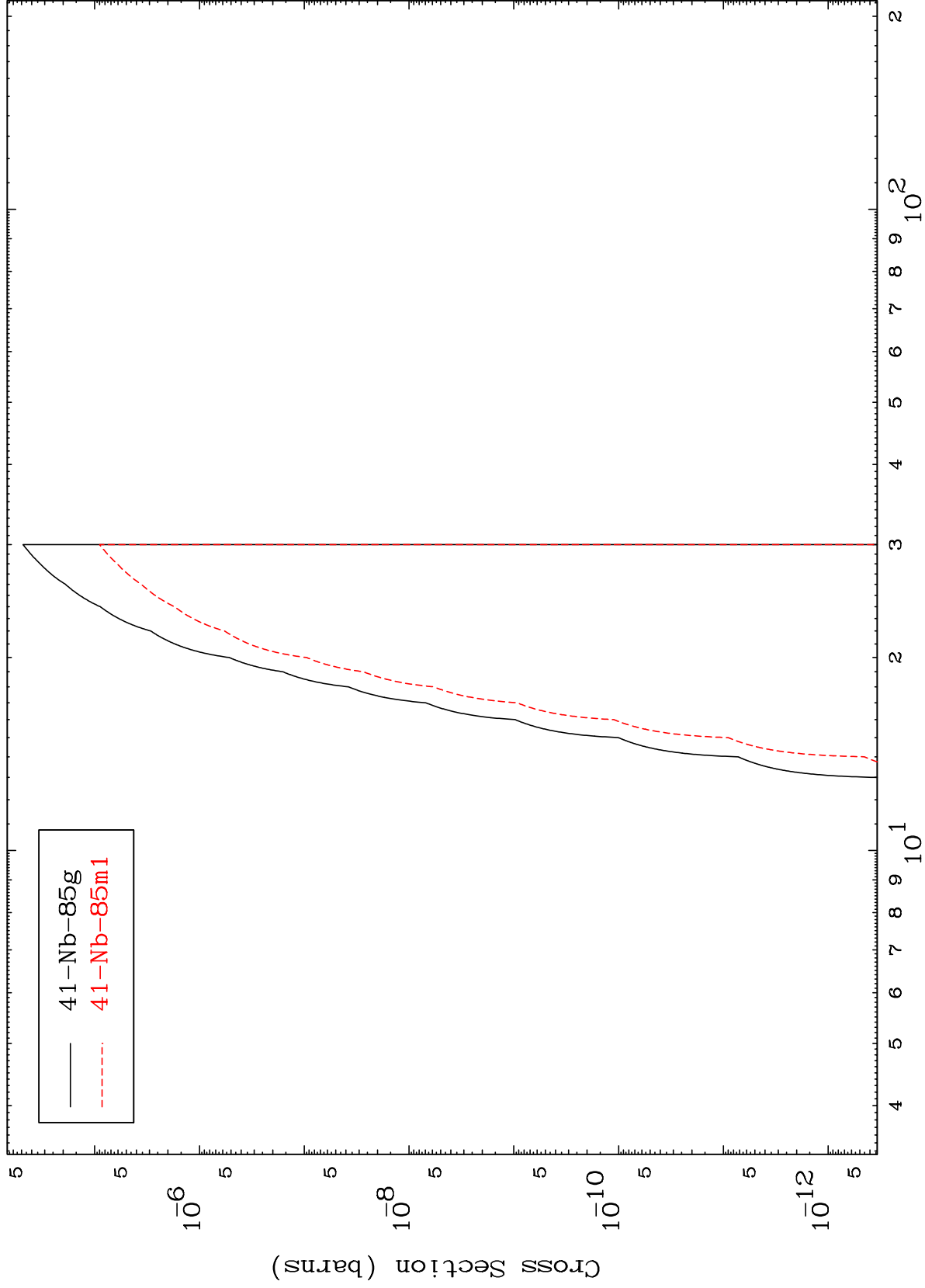
43-Tc-89m

MAT 4296

(n,d)  $\alpha$

43-Tc-89m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

43-Tc-89m