

Program EVALPLOT
(Version 2018-1)

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

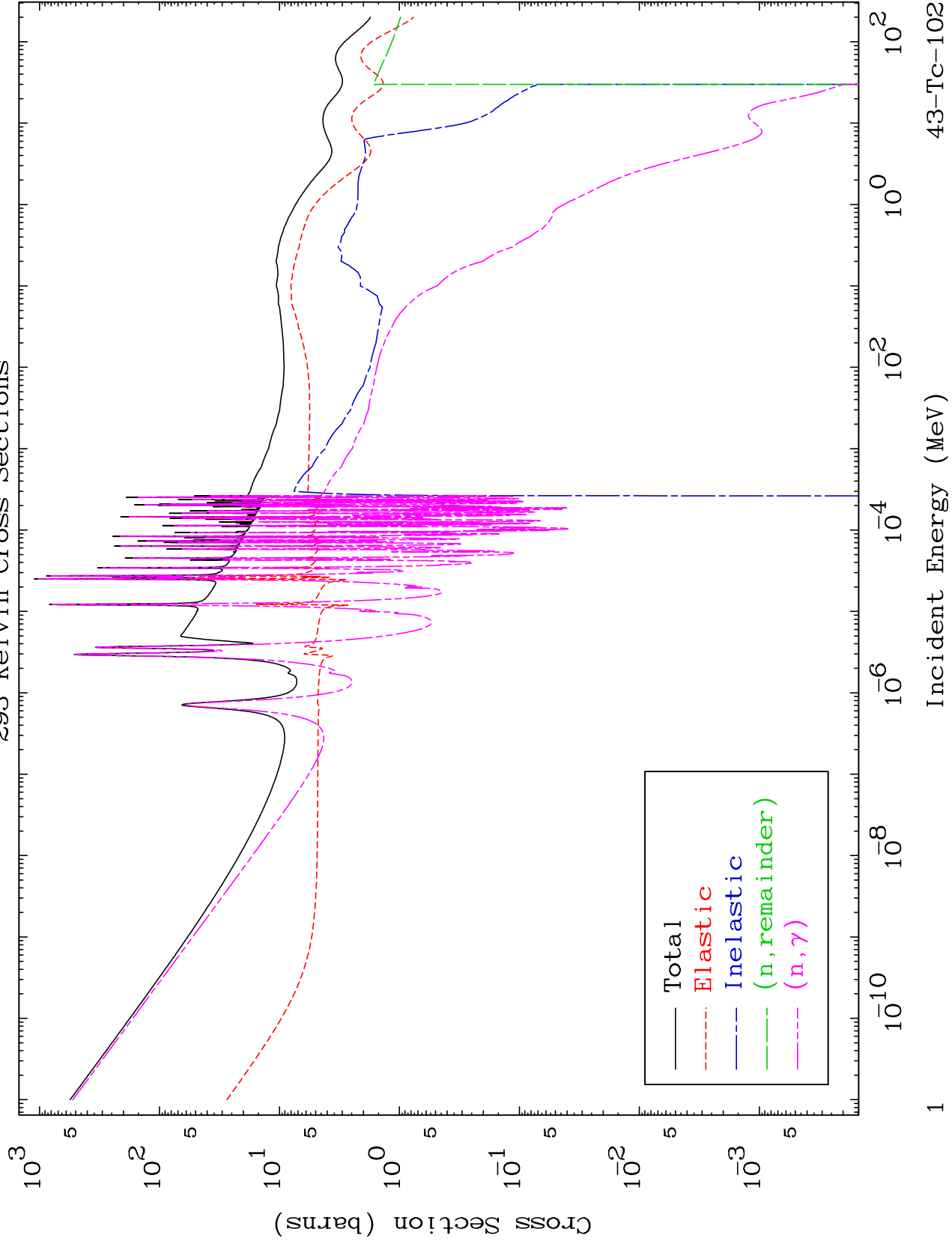
Press Mouse Button to Start

MAT 4335

Major

43-Tc-102

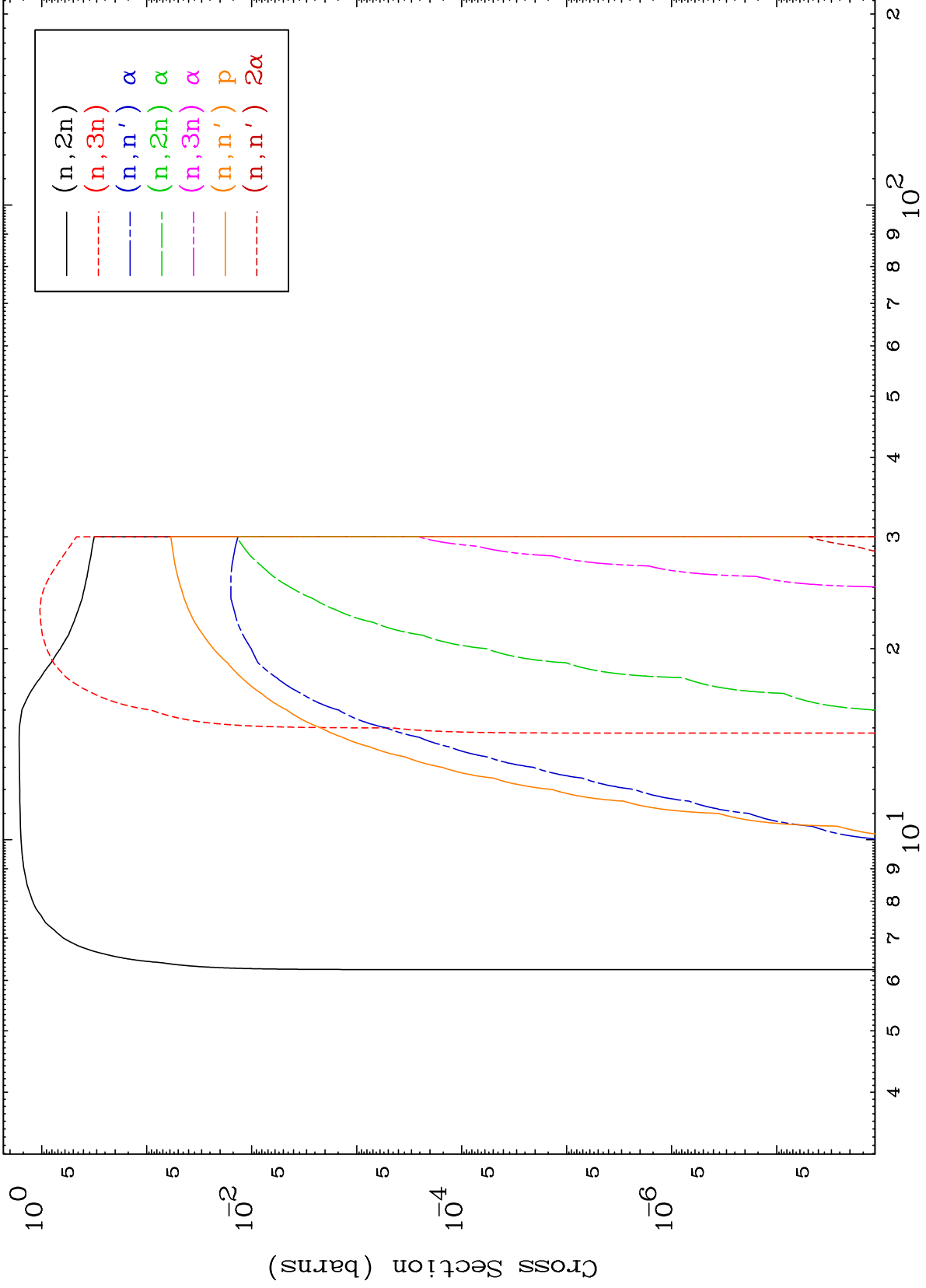
293 Kelvin Cross Sections



MAT 4335

Neutron Production
293 Kelvin Cross Sections

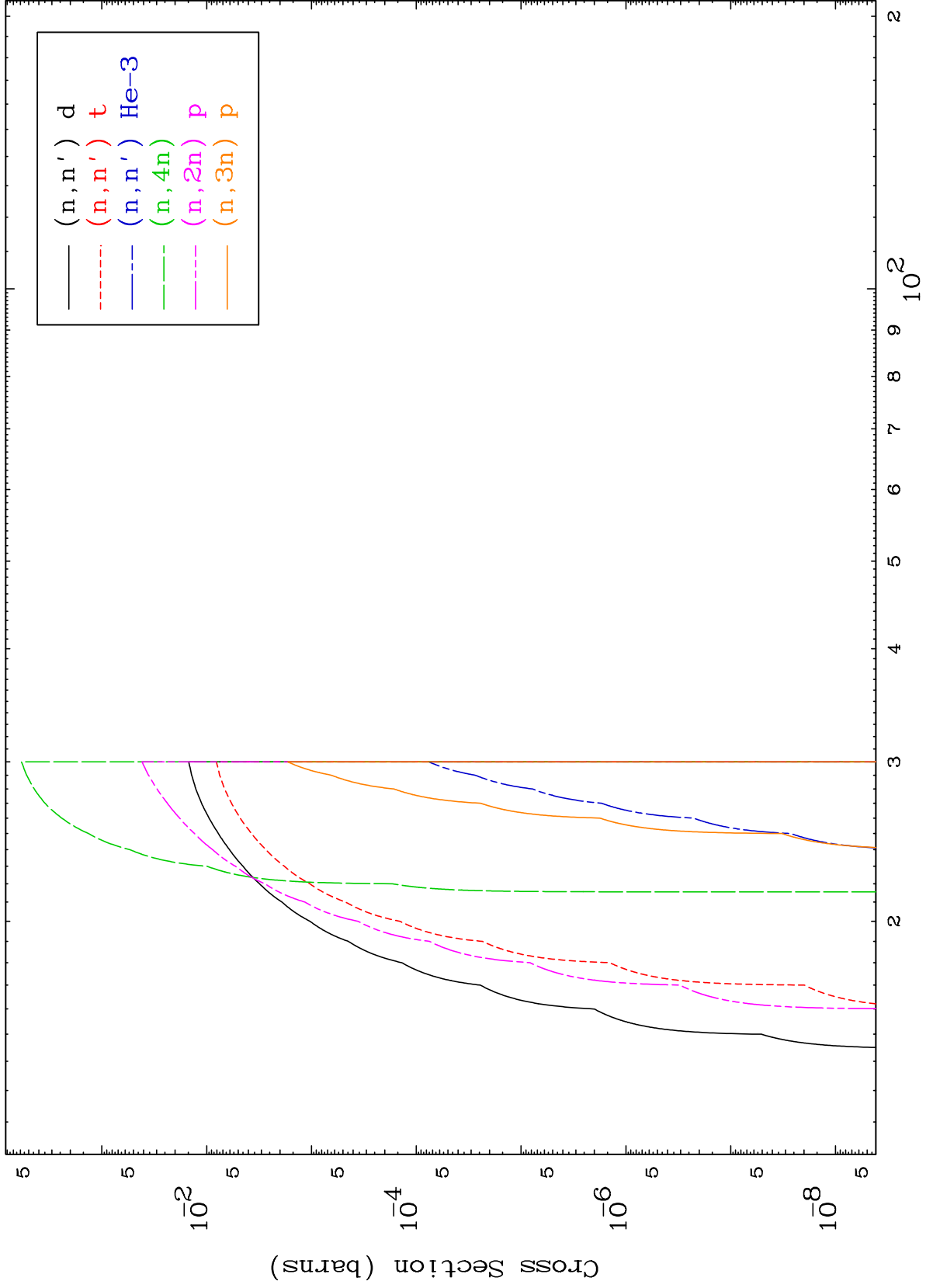
43-Tc-102

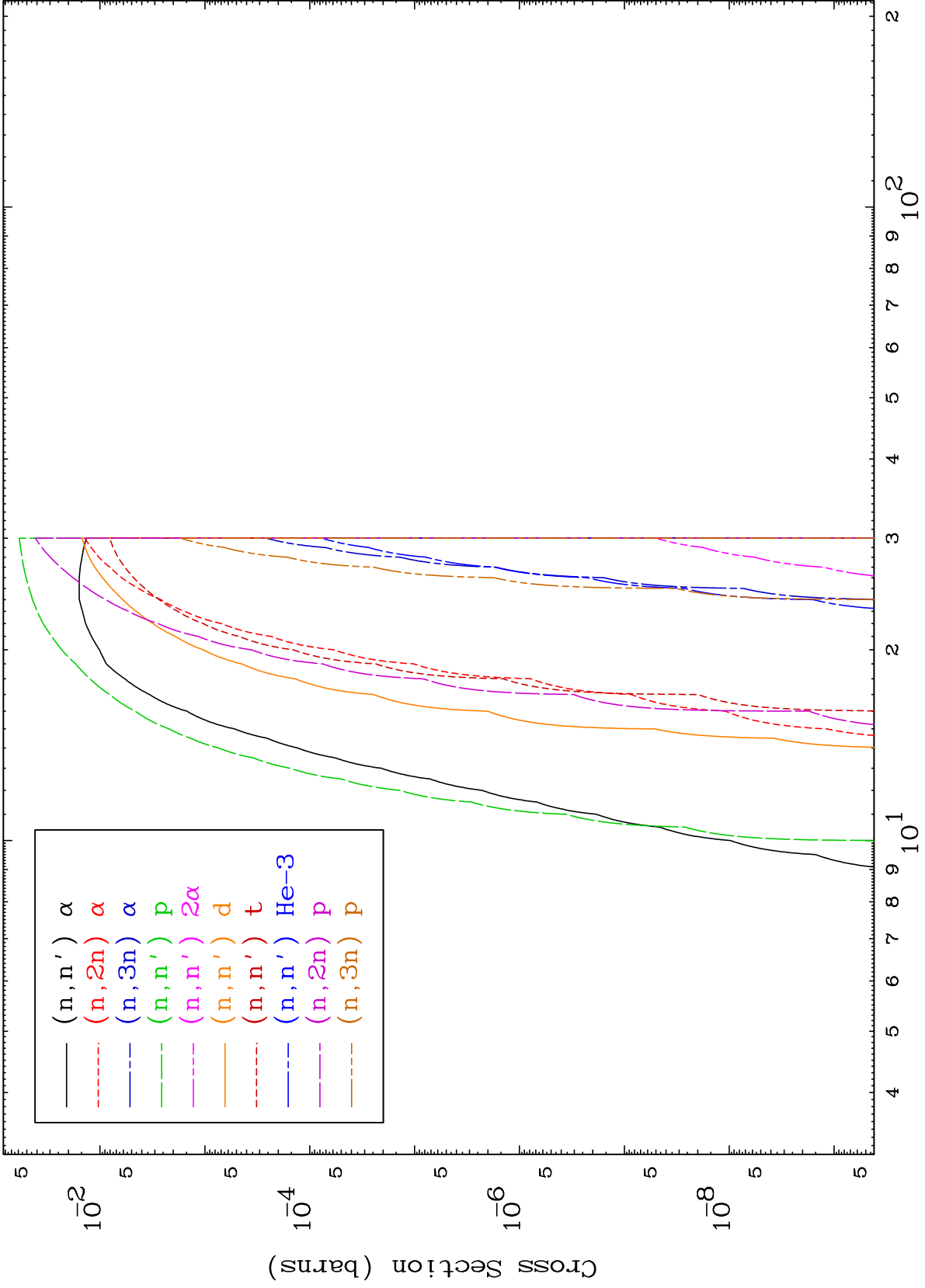


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Incident Energy (MeV)

43-Tc-102

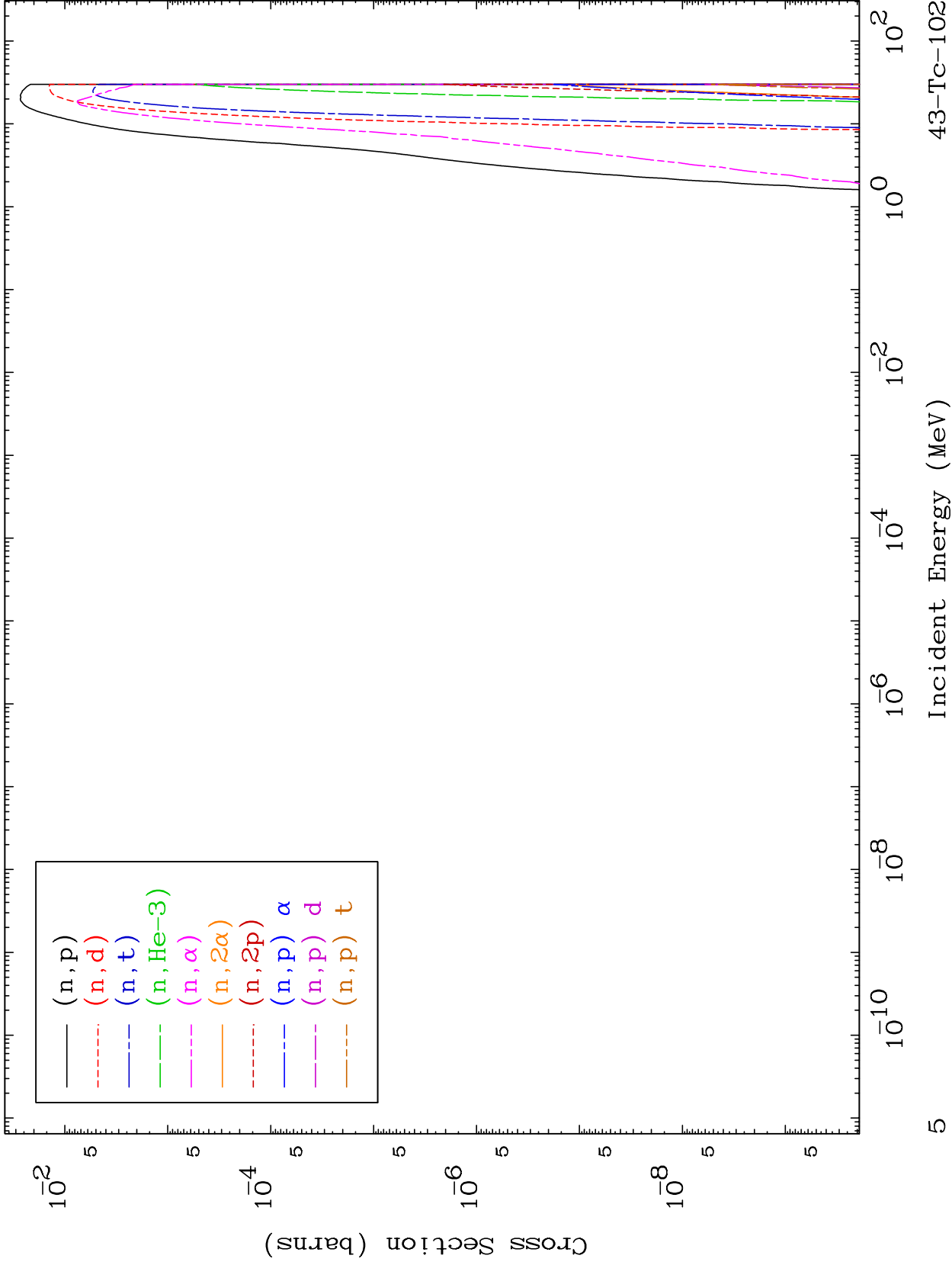




MAT 4335

Charged Particle
293 Kelvin Cross Sections

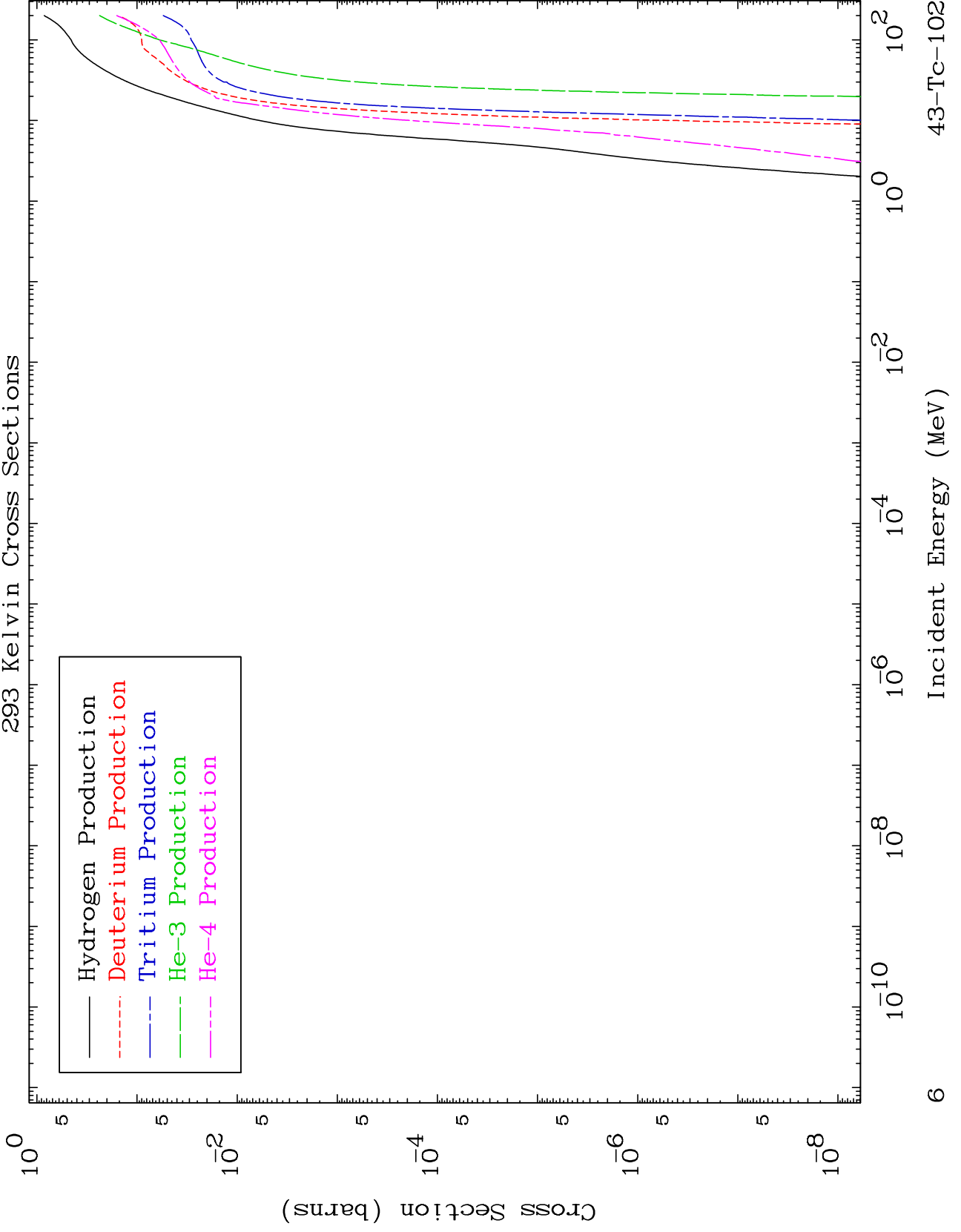
43-Tc-102



MAT 4335

Particle Production
293 Kelvin Cross Sections

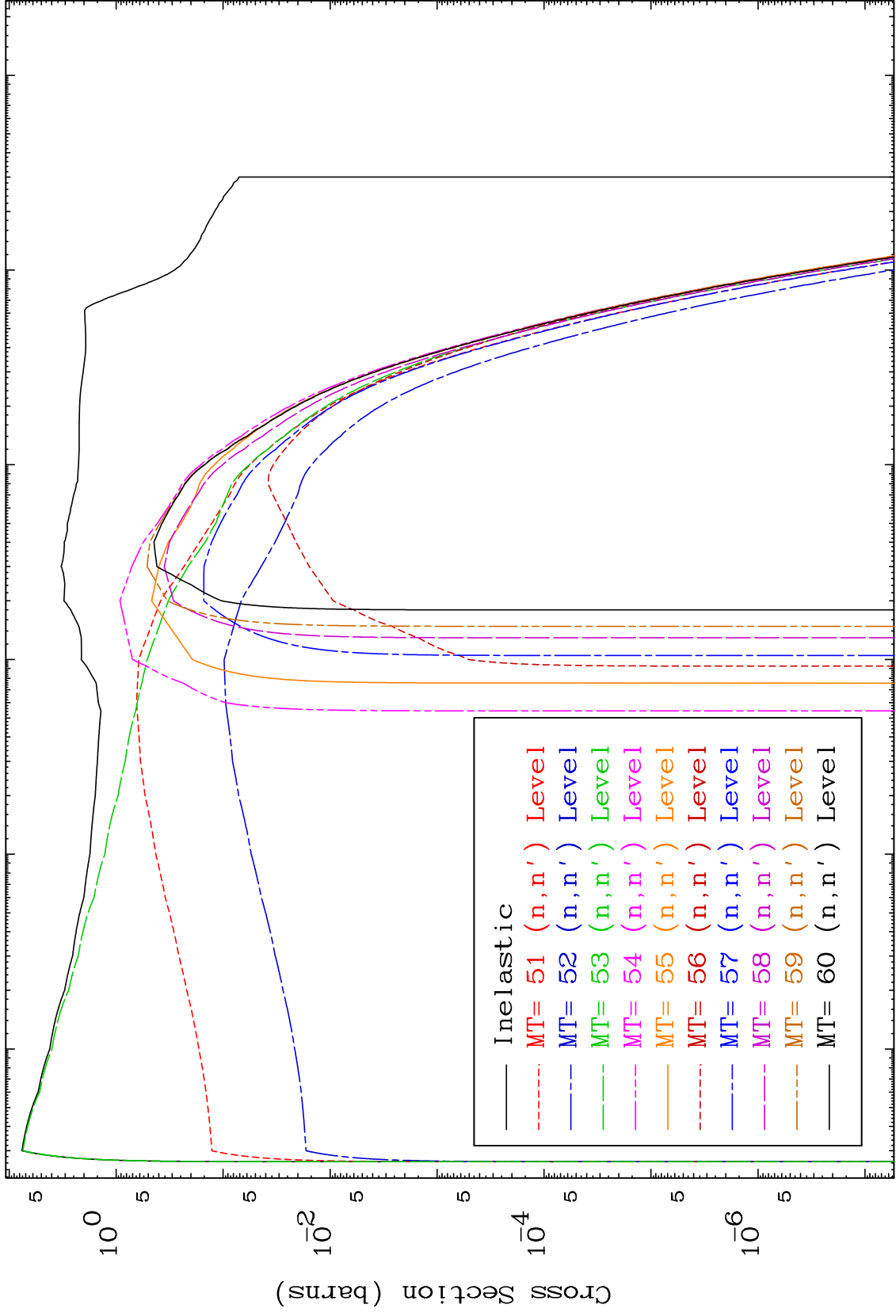
43-Tc-102



MAT 4335

(n,n') Level
293 Kelvin Cross Sections

43-Tc-102



43-Tc-102

Incident Energy (MeV)

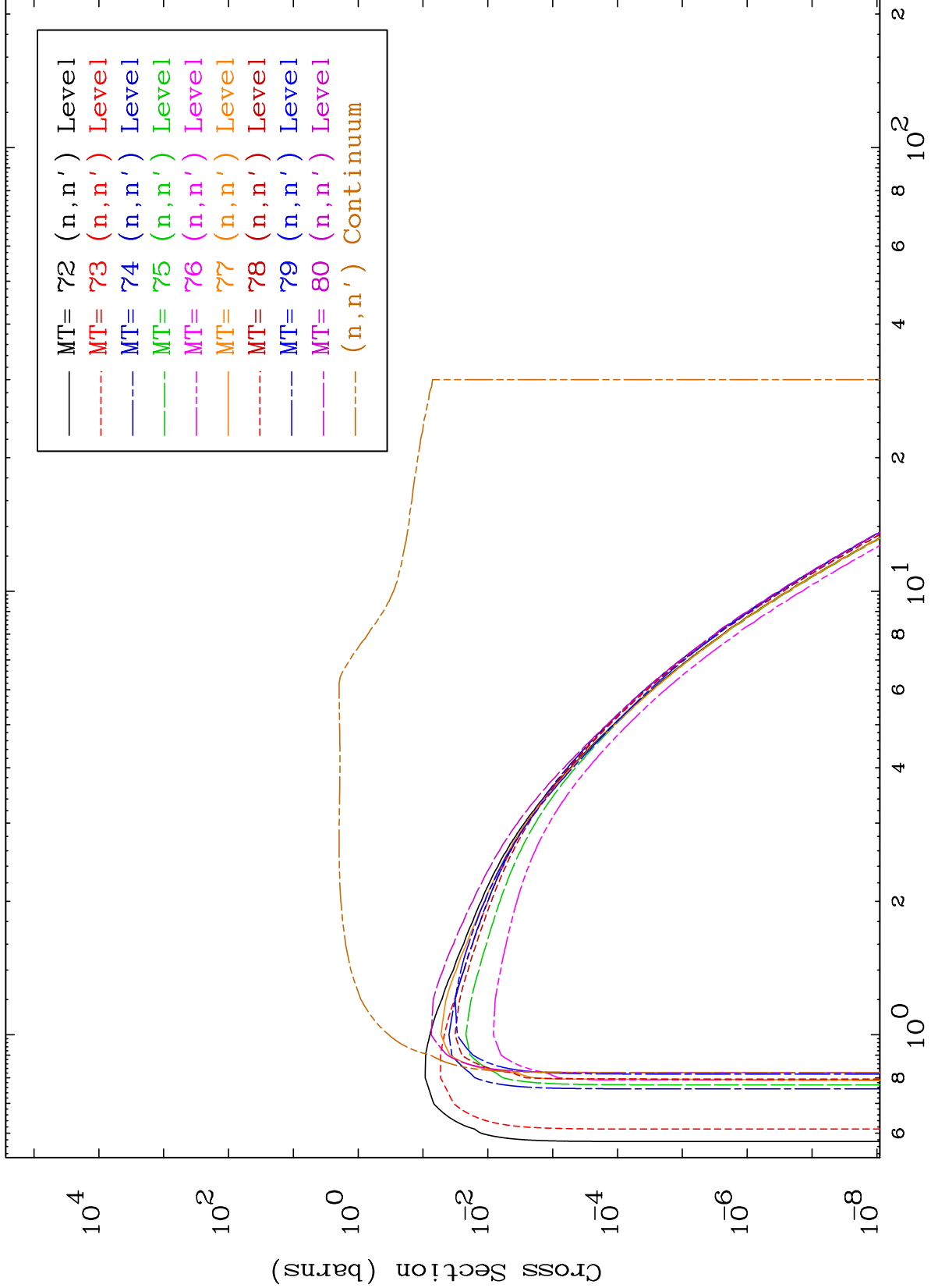
7

MAT 4335

(n,n') Level

43-Tc-102

293 Kelvin Cross Sections



9

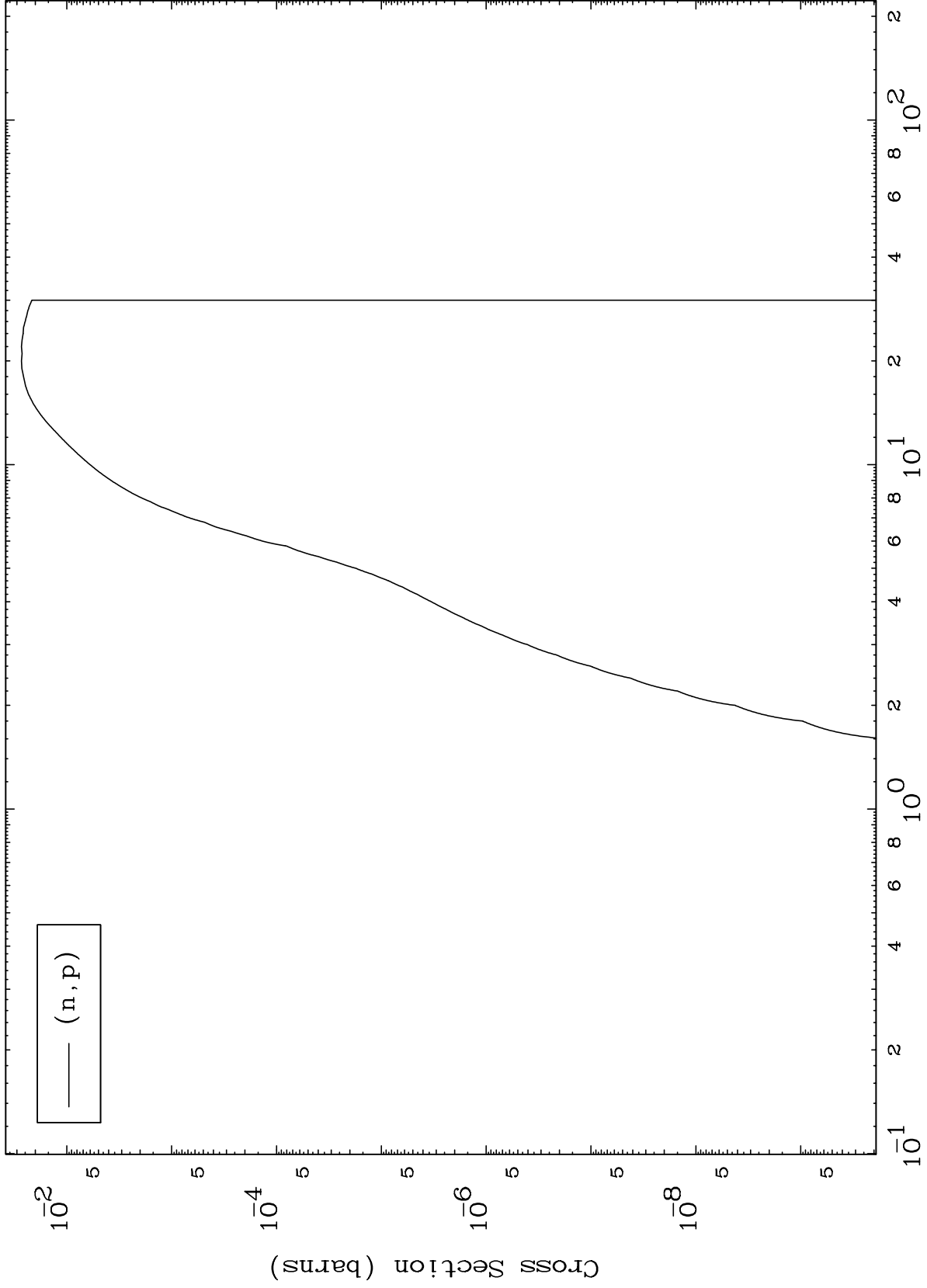
Incident Energy (MeV)

43-Tc-102

MAT 4335

(n,p) Levels
293 Kelvin Cross Sections

43-Tc-102



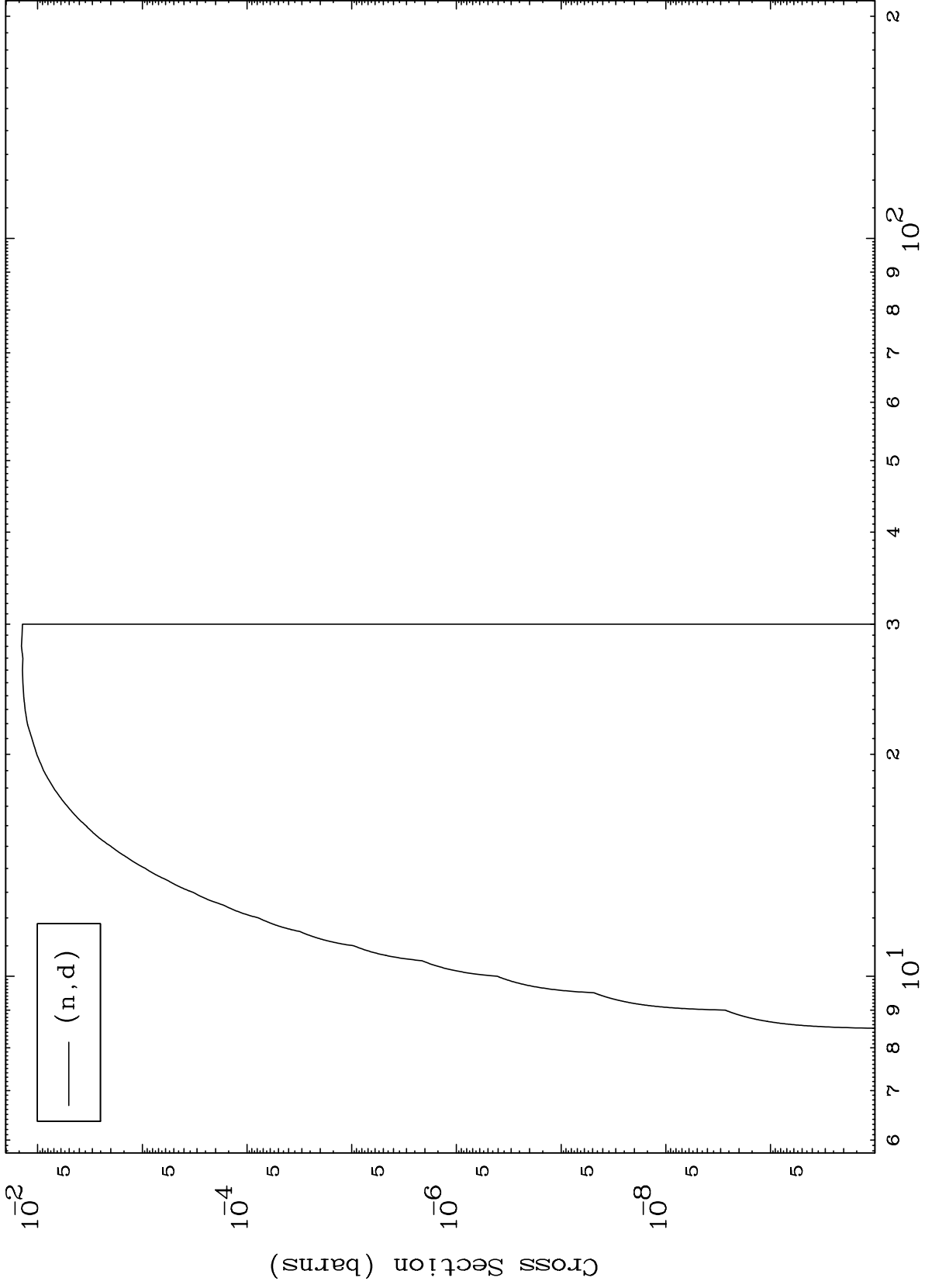
Incident Energy (MeV)

43-Tc-102

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(n,d) Levels
293 Kelvin Cross Sections

43-Tc-102



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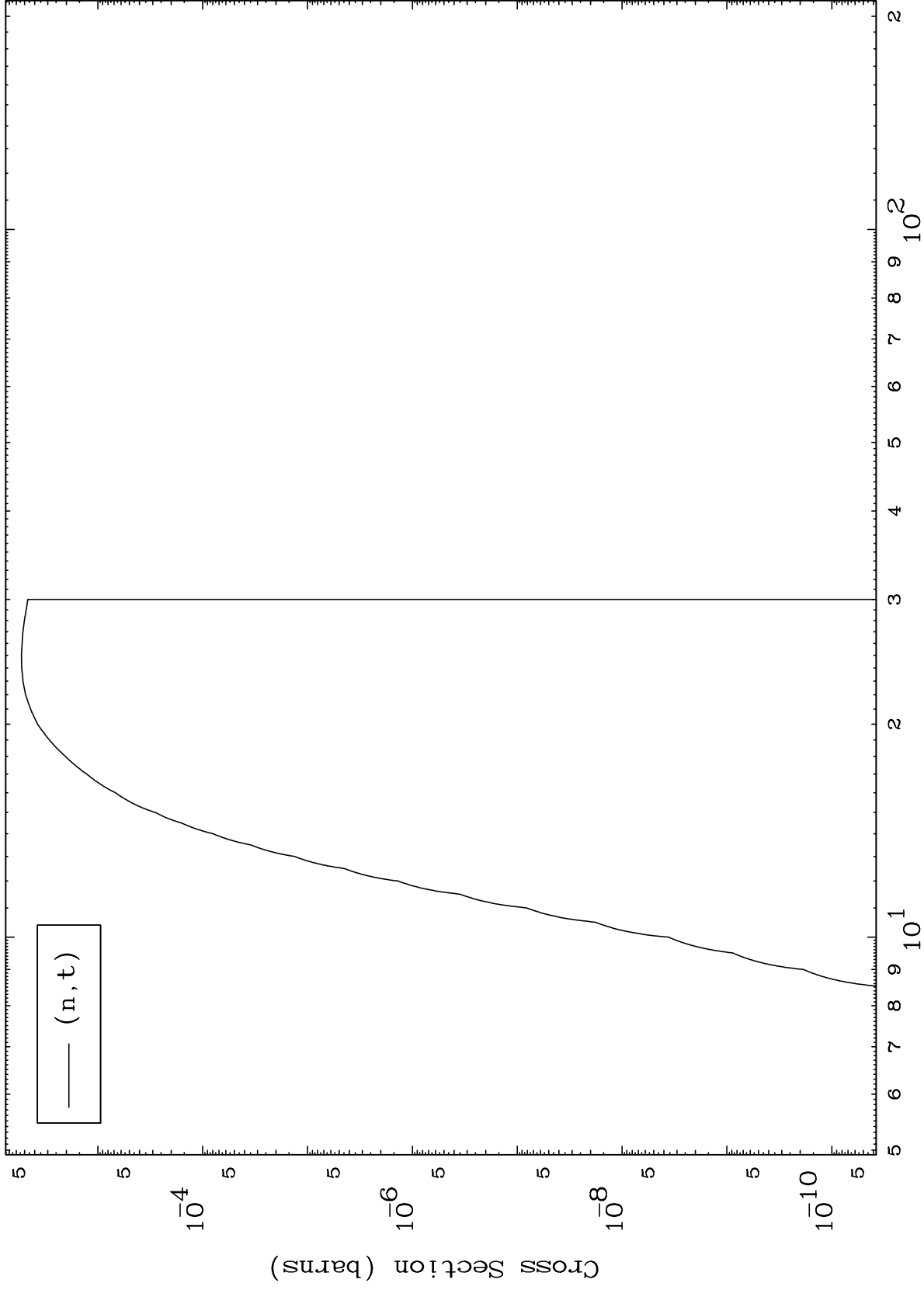
Incident Energy (MeV)

43-Tc-102

MAT 4335

(n, t) Levels
293 Kelvin Cross Sections

43-Tc-102



12

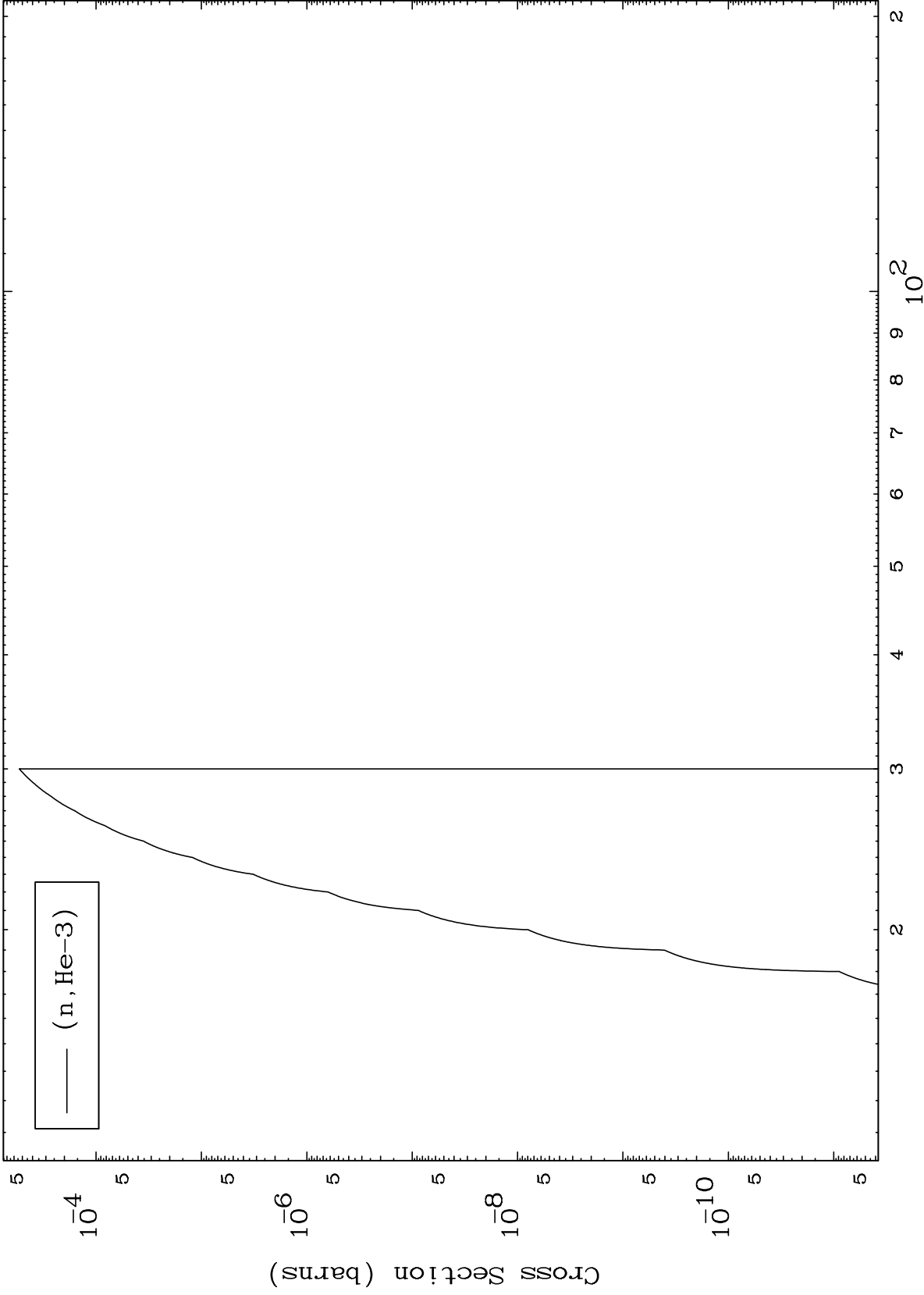
Incident Energy (MeV)

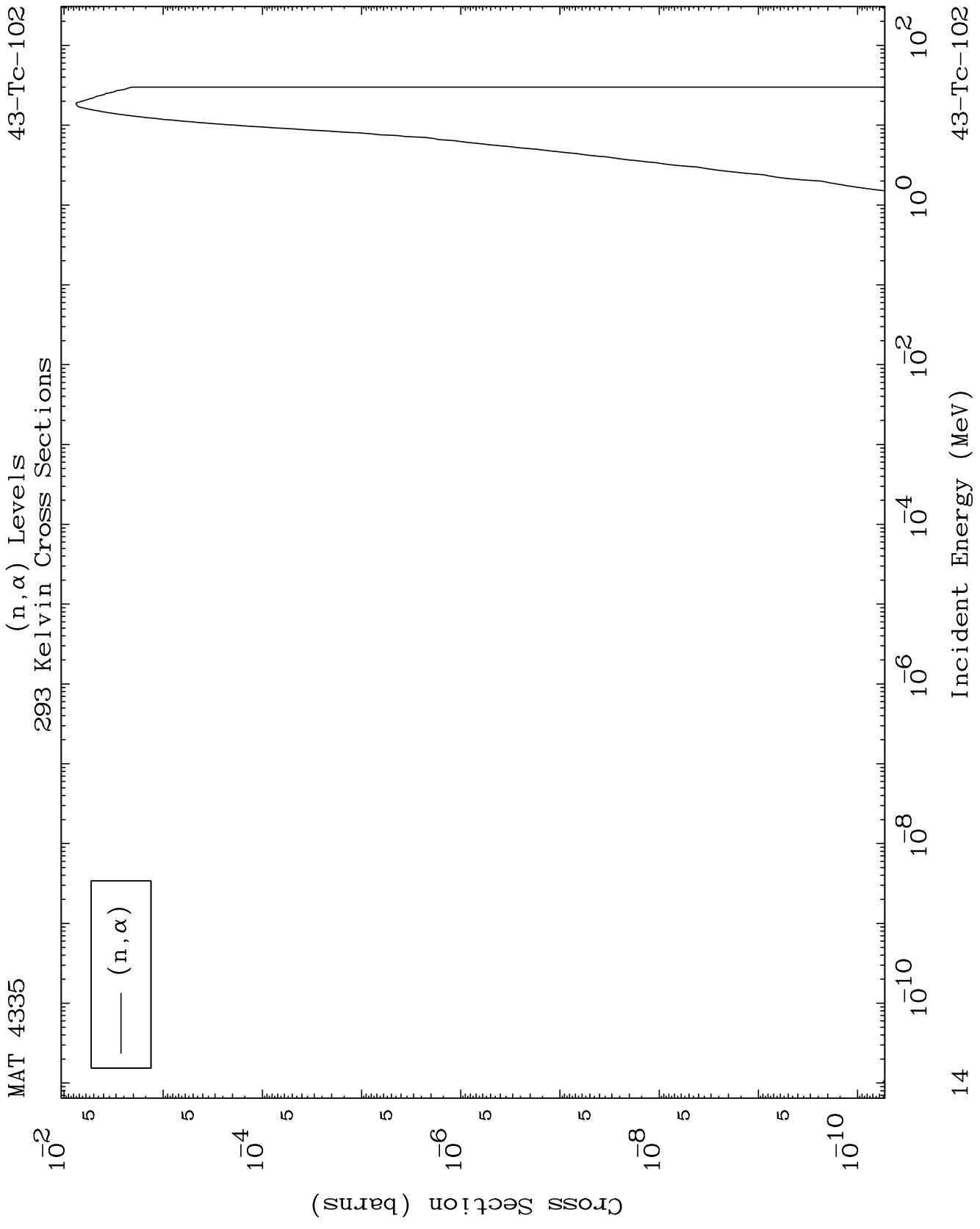
43-Tc-102

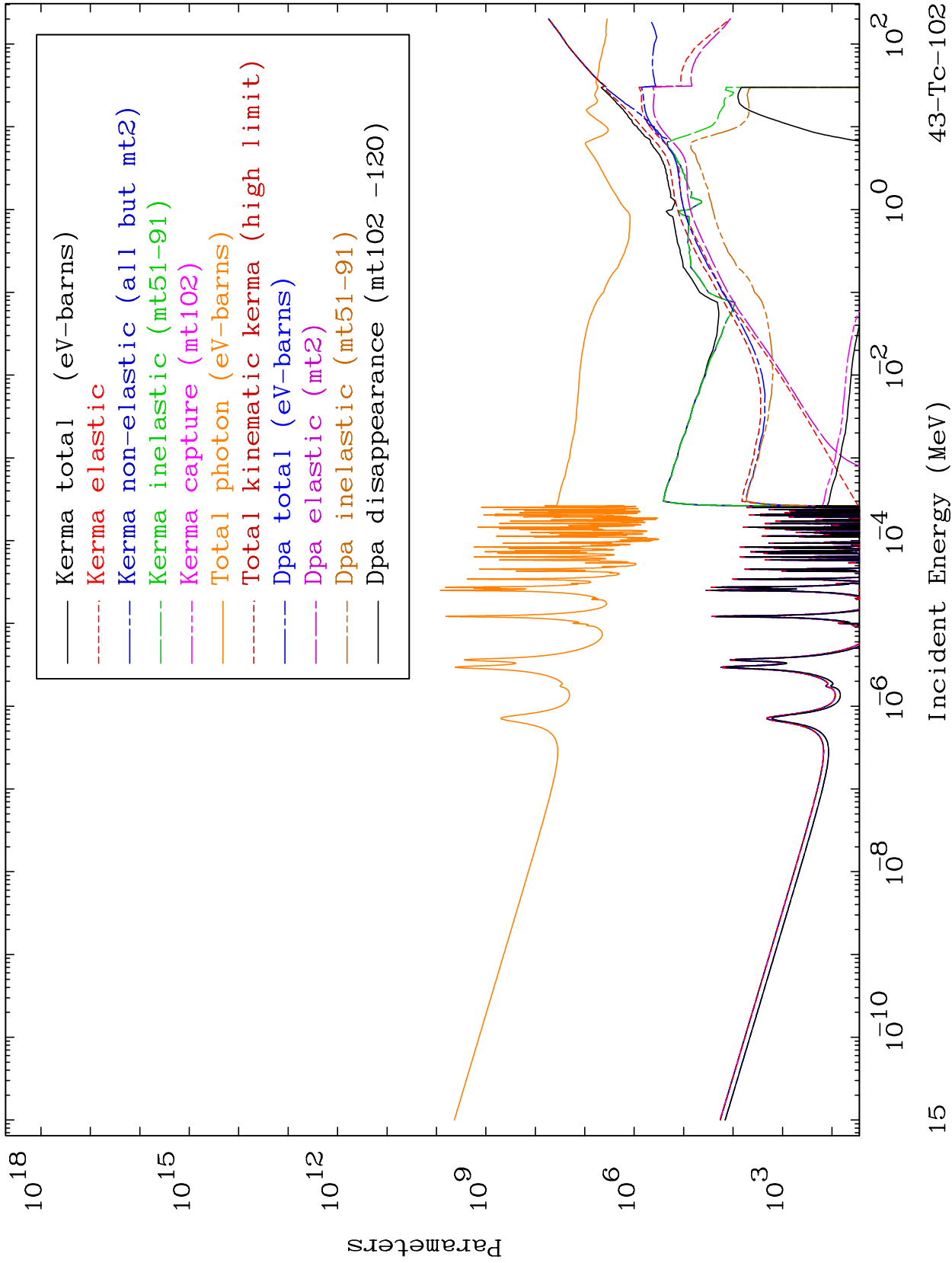
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(n,He3) Levels
293 Kelvin Cross Sections

43-Tc-102







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Elastic Legendre Coefficients

43-Tc-102



16

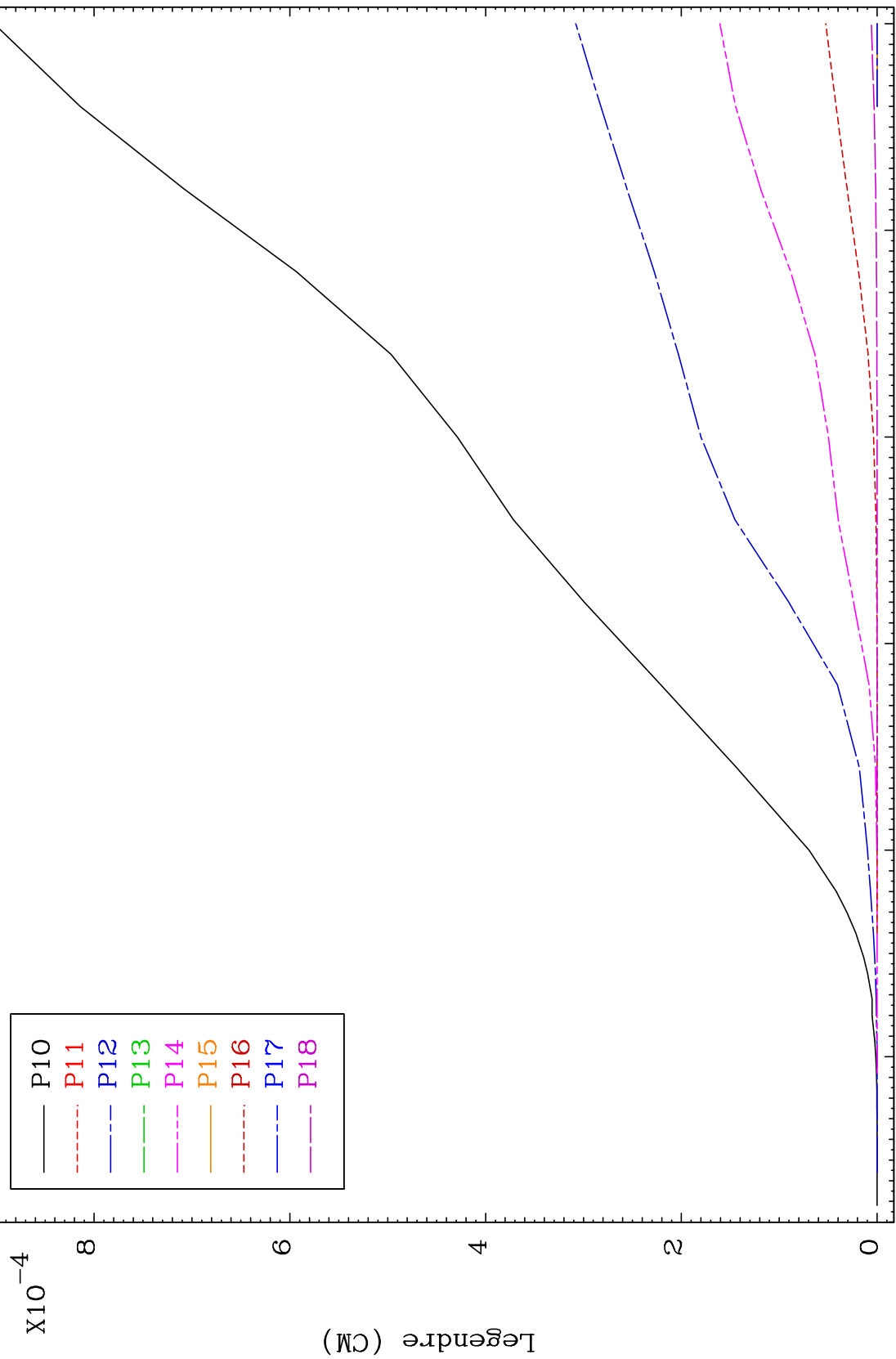
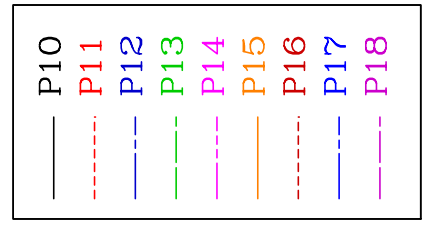
Incident Energy (MeV)

43-Tc-102

MAT 4335

Elastic Legendre Coefficients

43-Tc-102



17

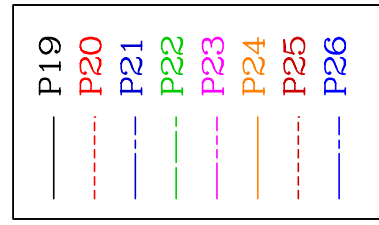
Incident Energy (MeV)

43-Tc-102

MAT 4335

Elastic Legendre Coefficients

43-Tc-102



$\times 10^{-3}$

Legendre (CM)



18

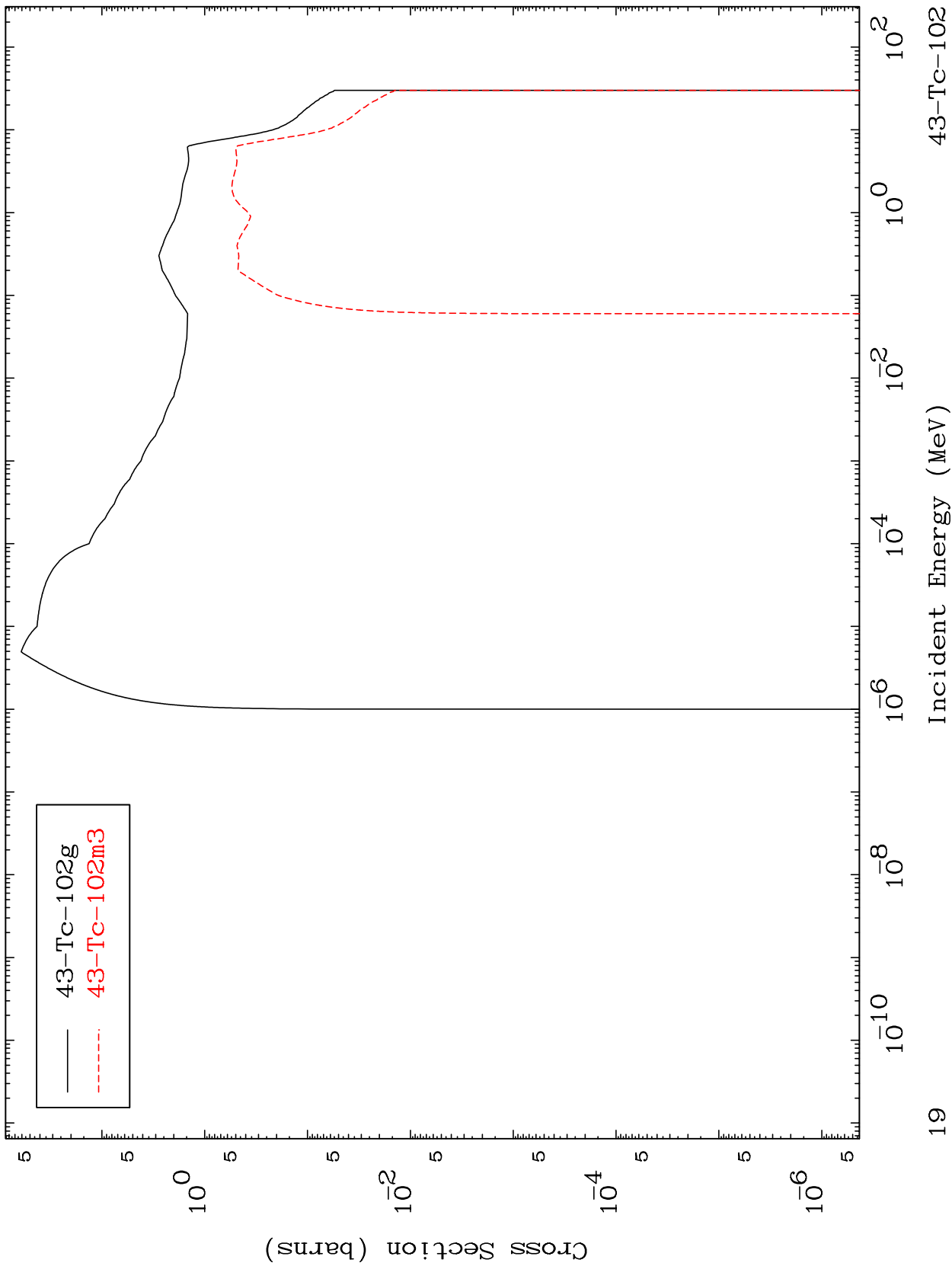
Incident Energy (MeV)

43-Tc-102

MAT 4335

43-Tc-102

Inelastic
Radionuclide Production Cross Section

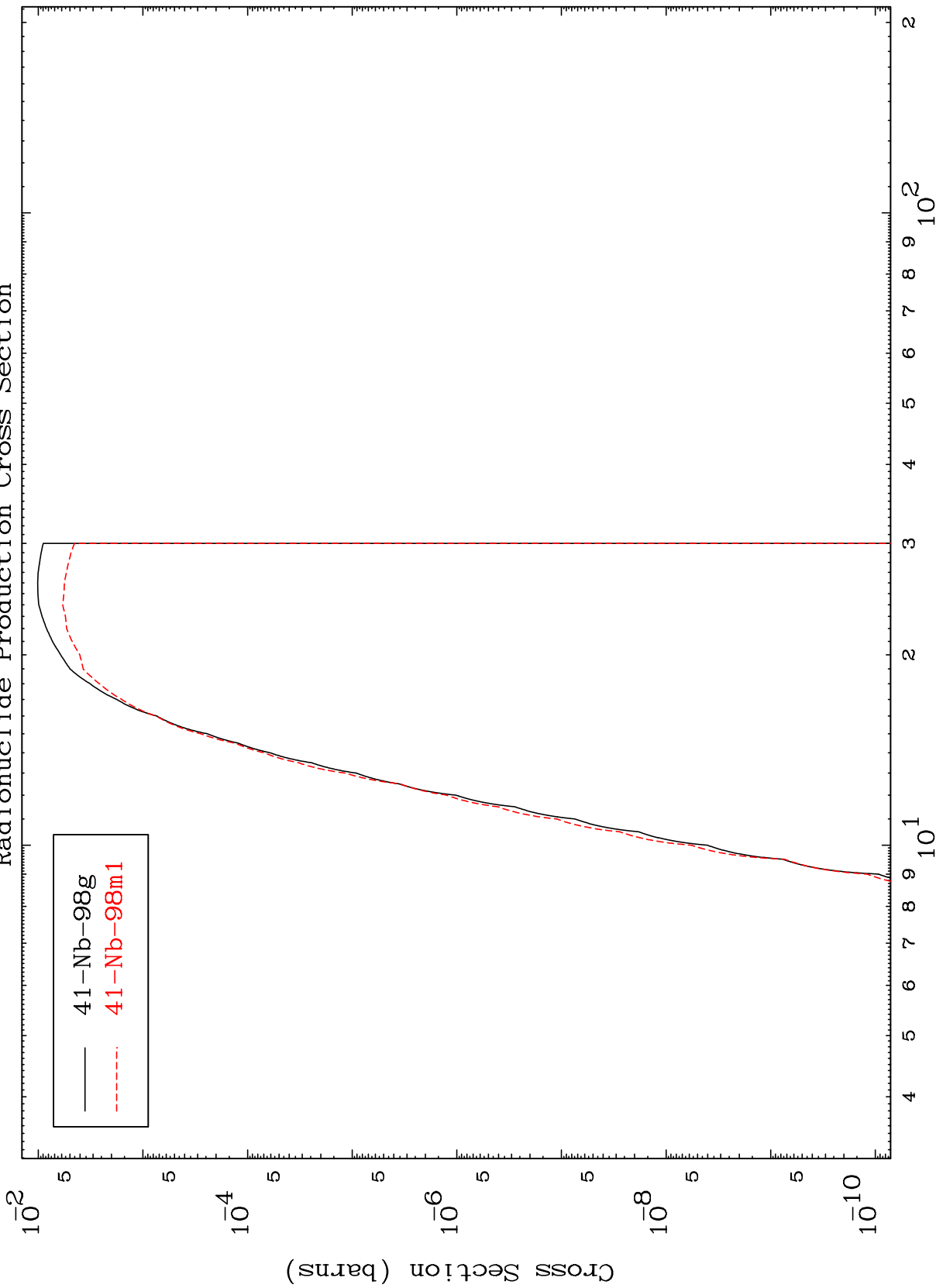


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(n,n') α

43-Tc-102

Radionuclide Production Cross Section



— 41-Nb-98g
- - - 41-Nb-98m1

Incident Energy (MeV)

43-Tc-102

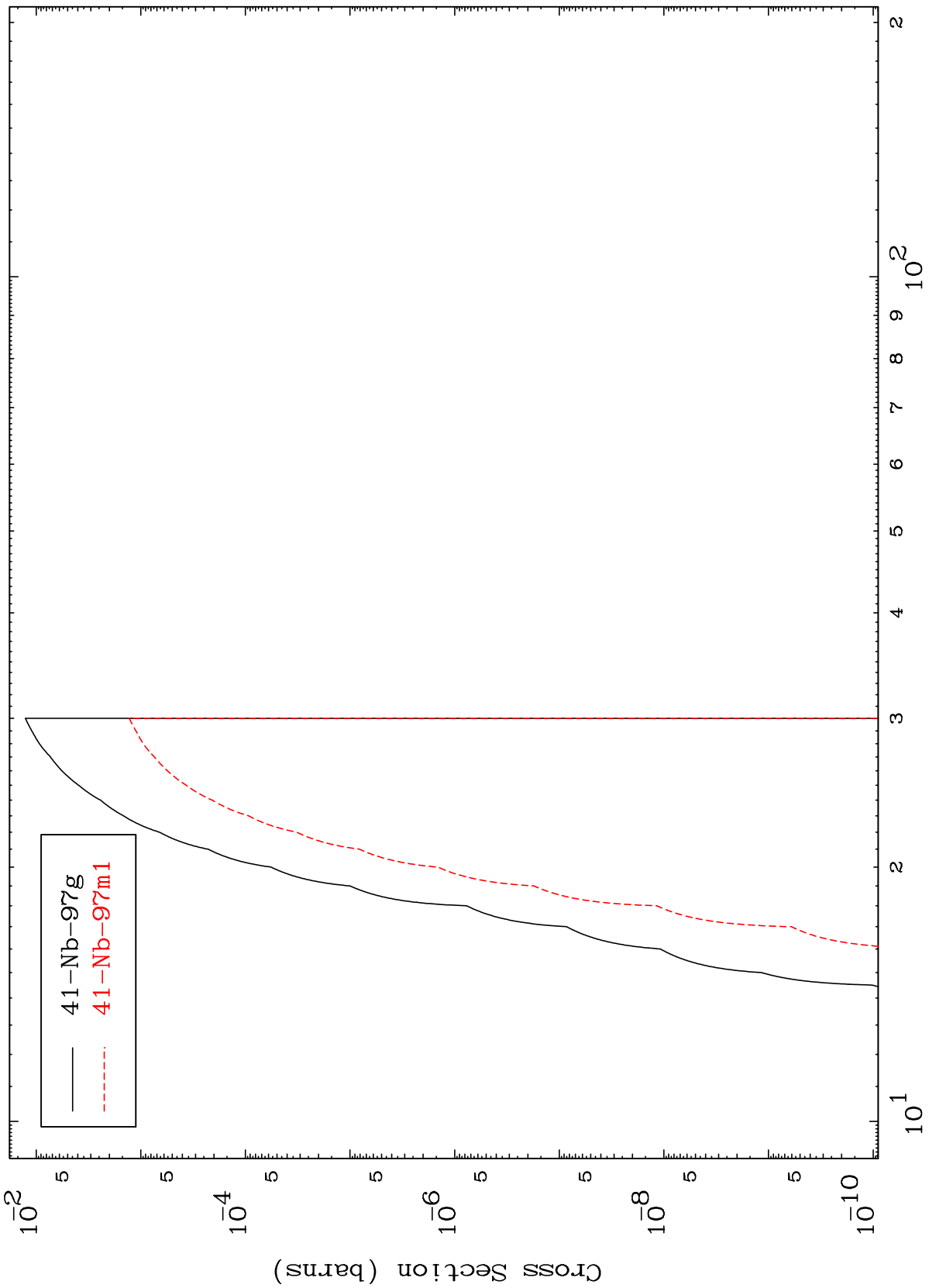
20

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(n,2n) α

43-Tc-102

Radionuclide Production Cross Section

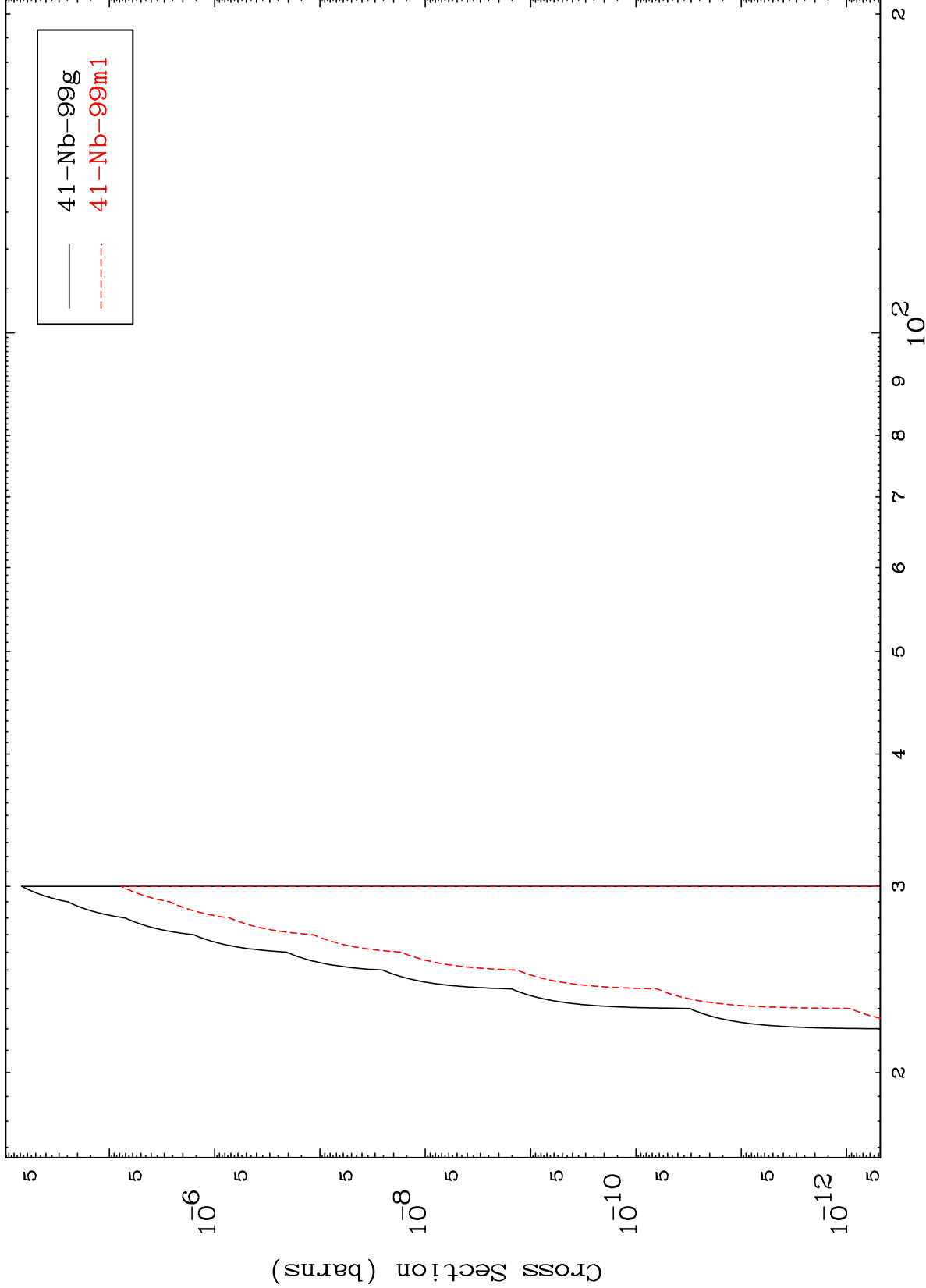


21

Incident Energy (MeV)

43-Tc-102

Radionuclide Production Cross Section

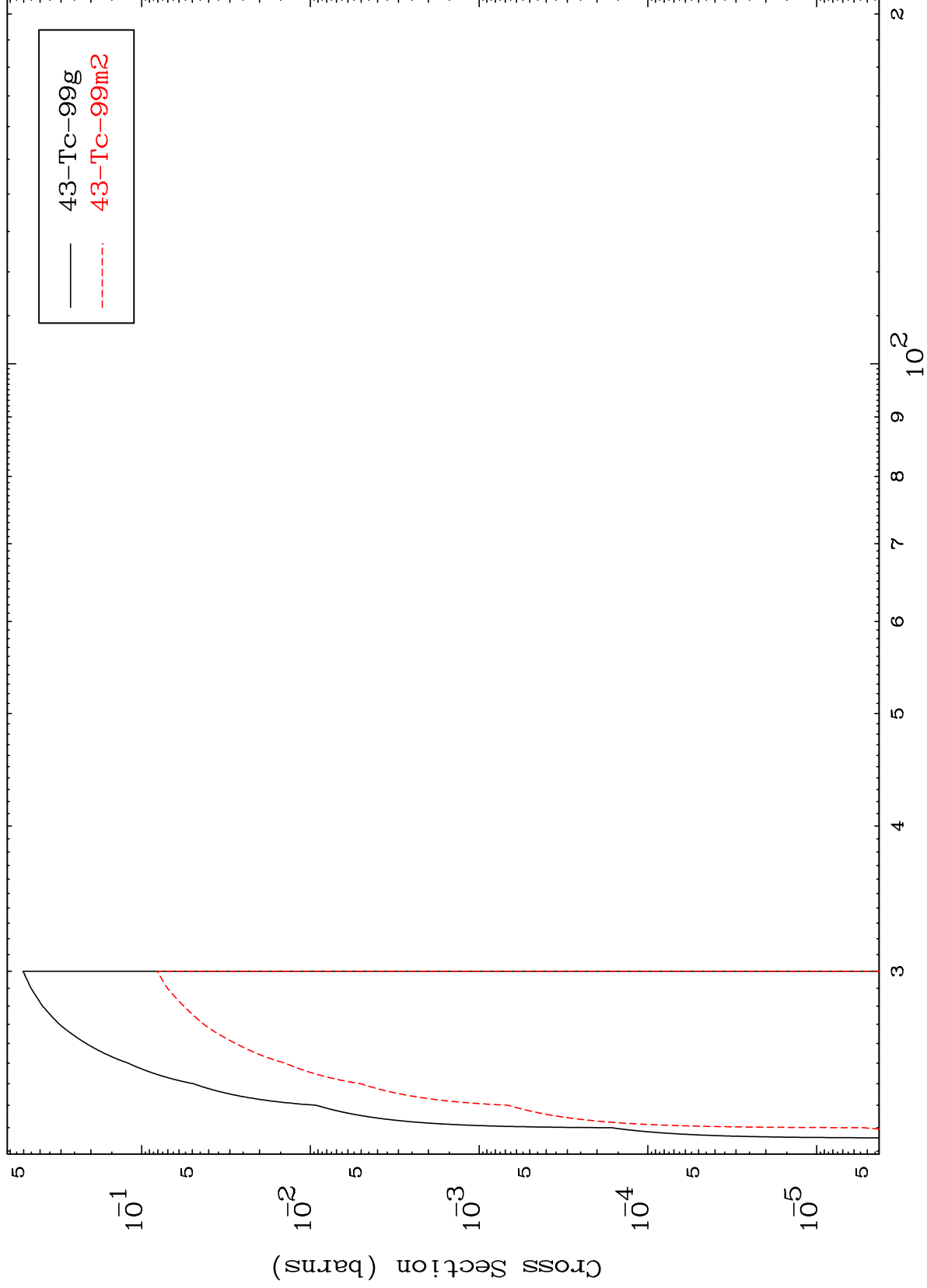


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(n,4n)

43-Tc-102

Radionuclide Production Cross Section



23

Incident Energy (MeV)

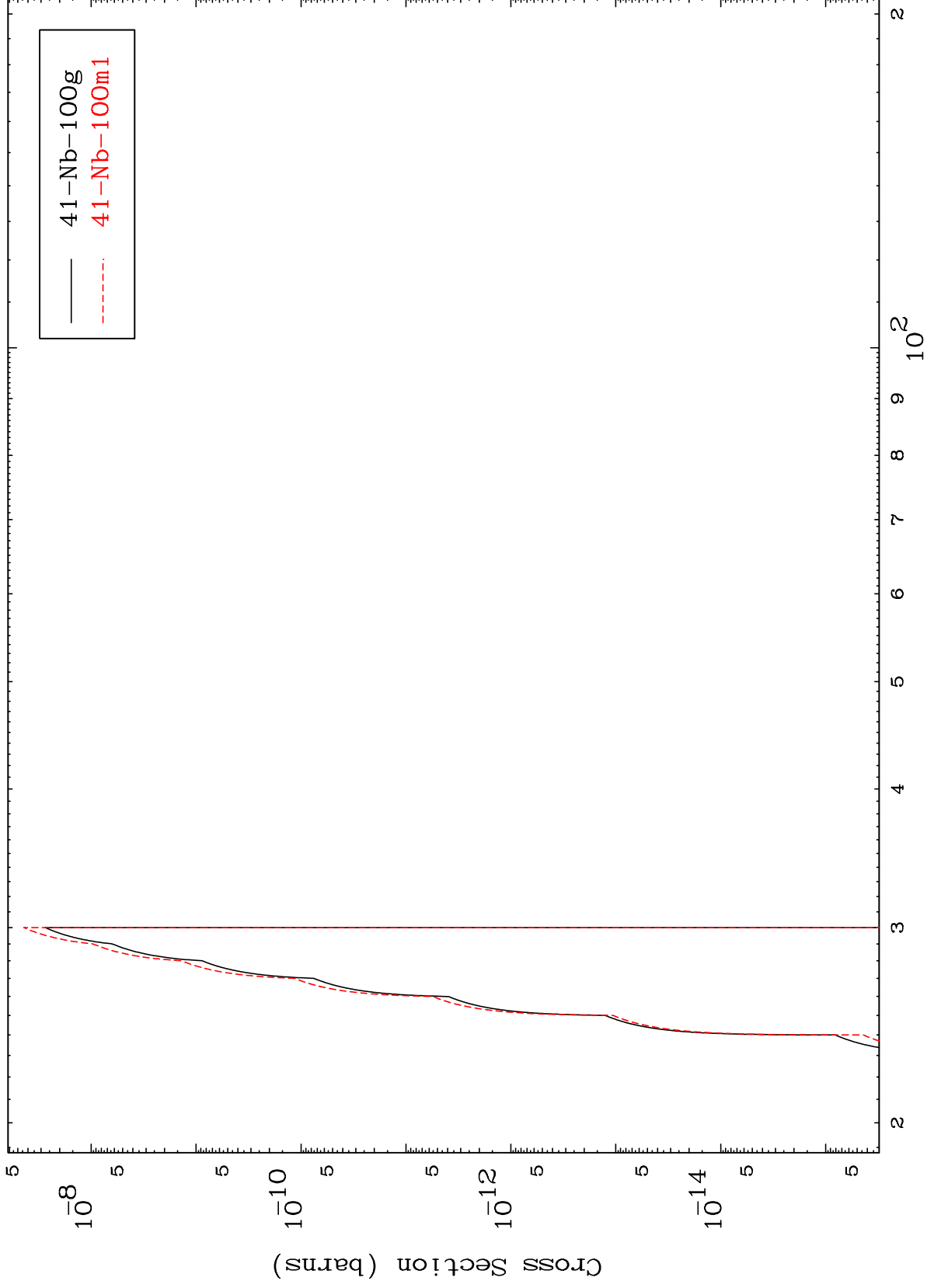
43-Tc-102

MAT 4335

(n,2n) p

43-Tc-102

Radionuclide Production Cross Section

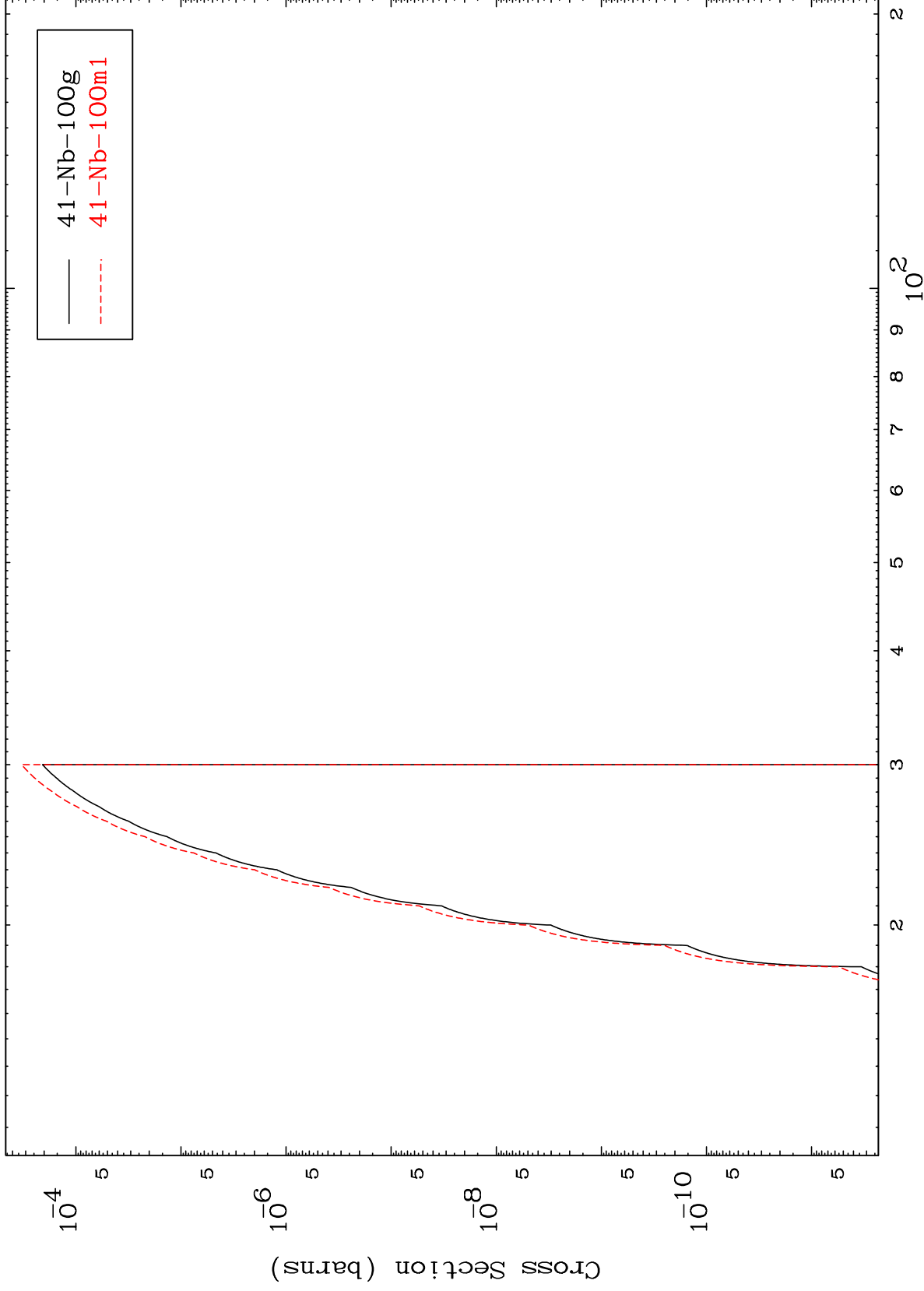


24

Incident Energy (MeV)

43-Tc-102

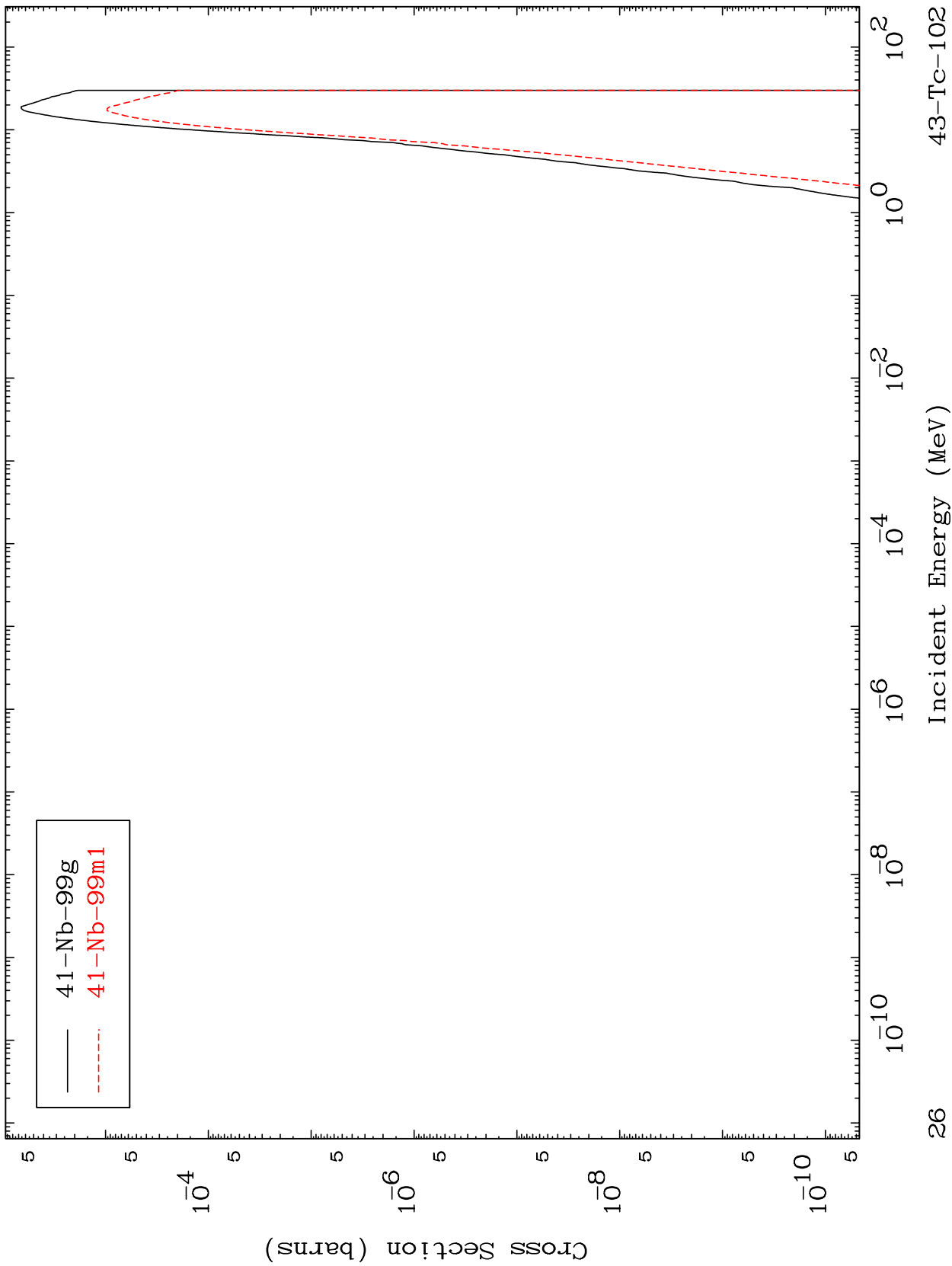
Radionuclide Production Cross Section

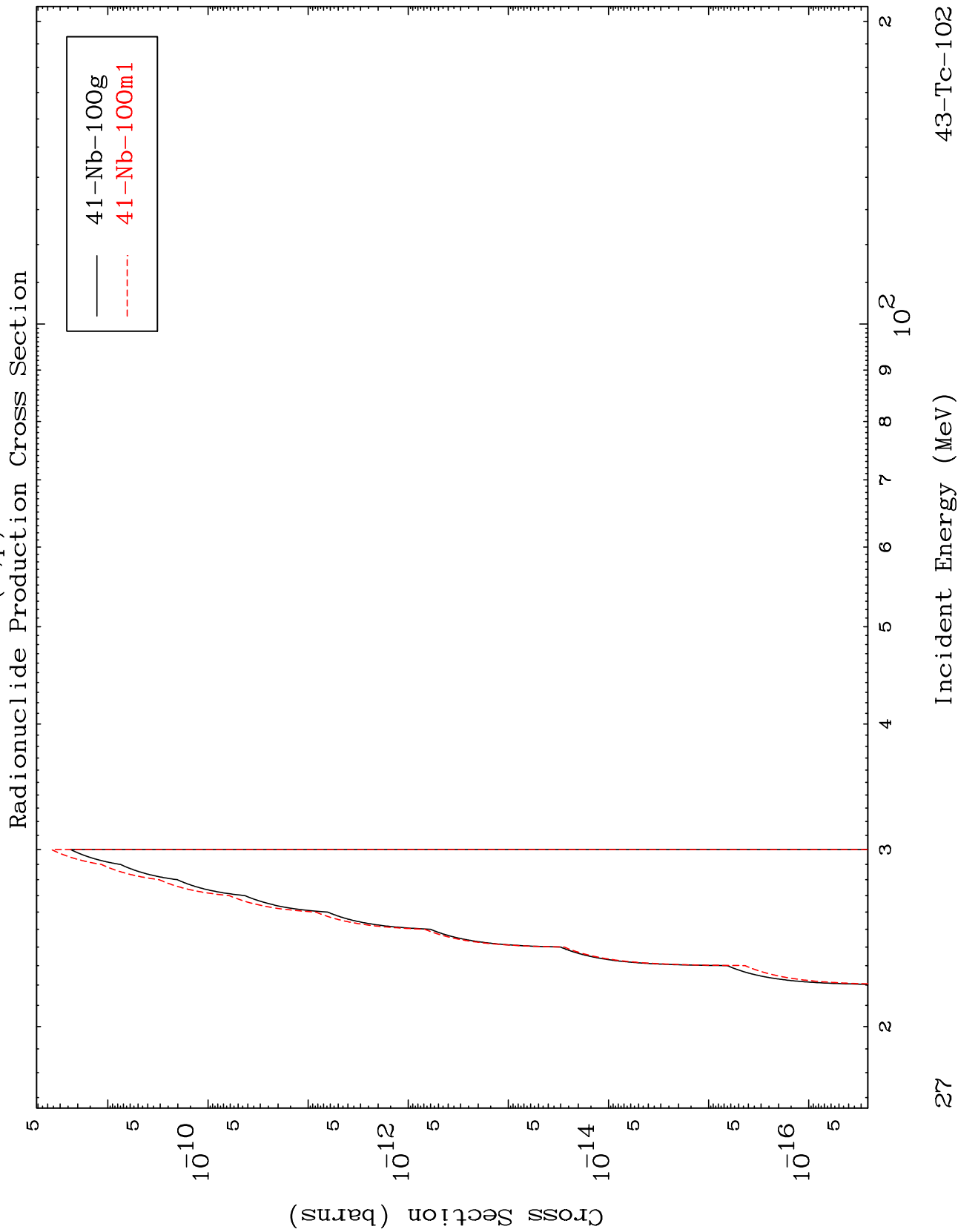


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43-Tc-102

(n, α)
Radionuclide Production Cross Section



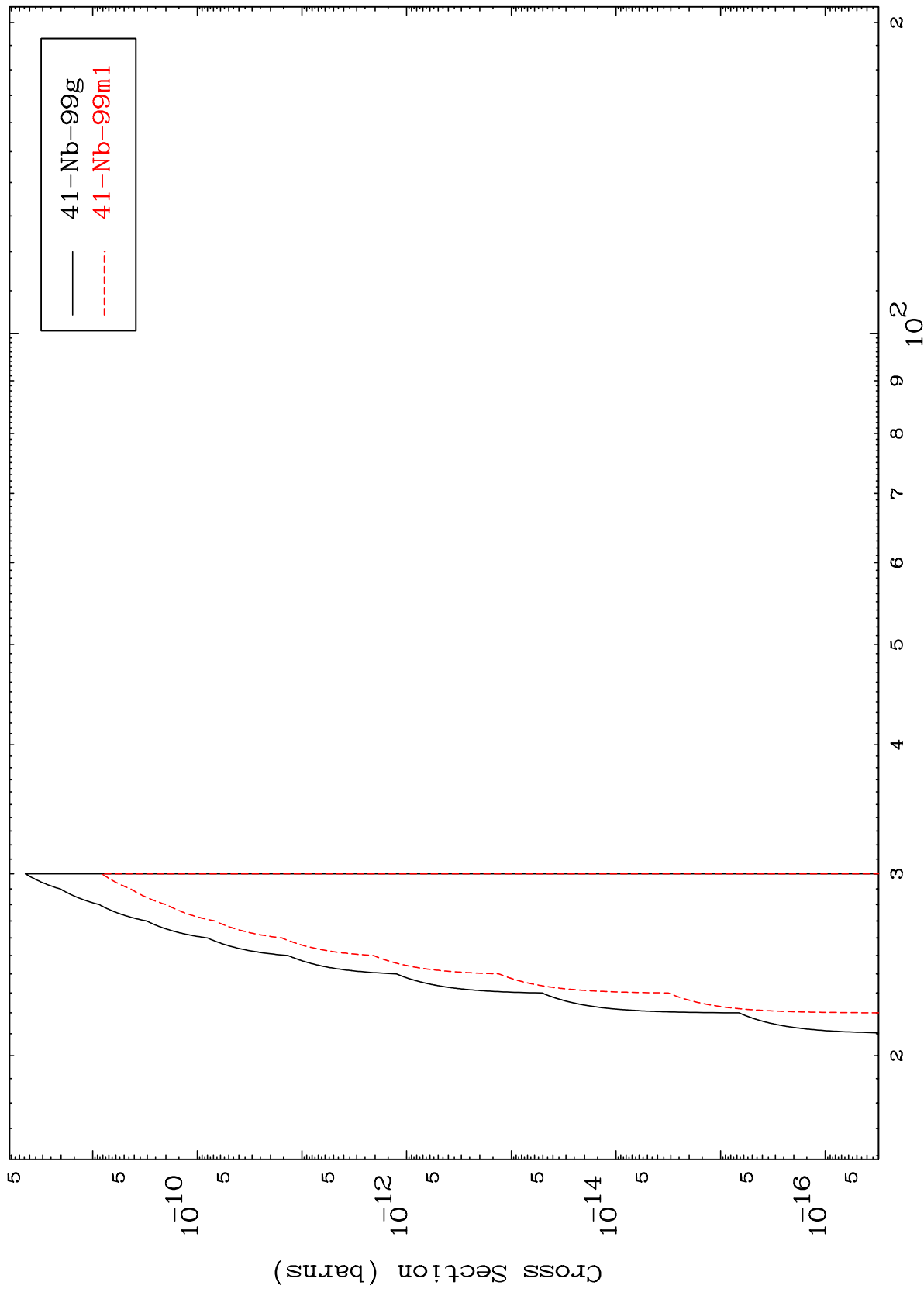


MAT 4335

(n,p) t

43-Tc-102

Radionuclide Production Cross Section



28

Incident Energy (MeV)

43-Tc-102