

Program EVALPLOT
(Version 2021-1)

by

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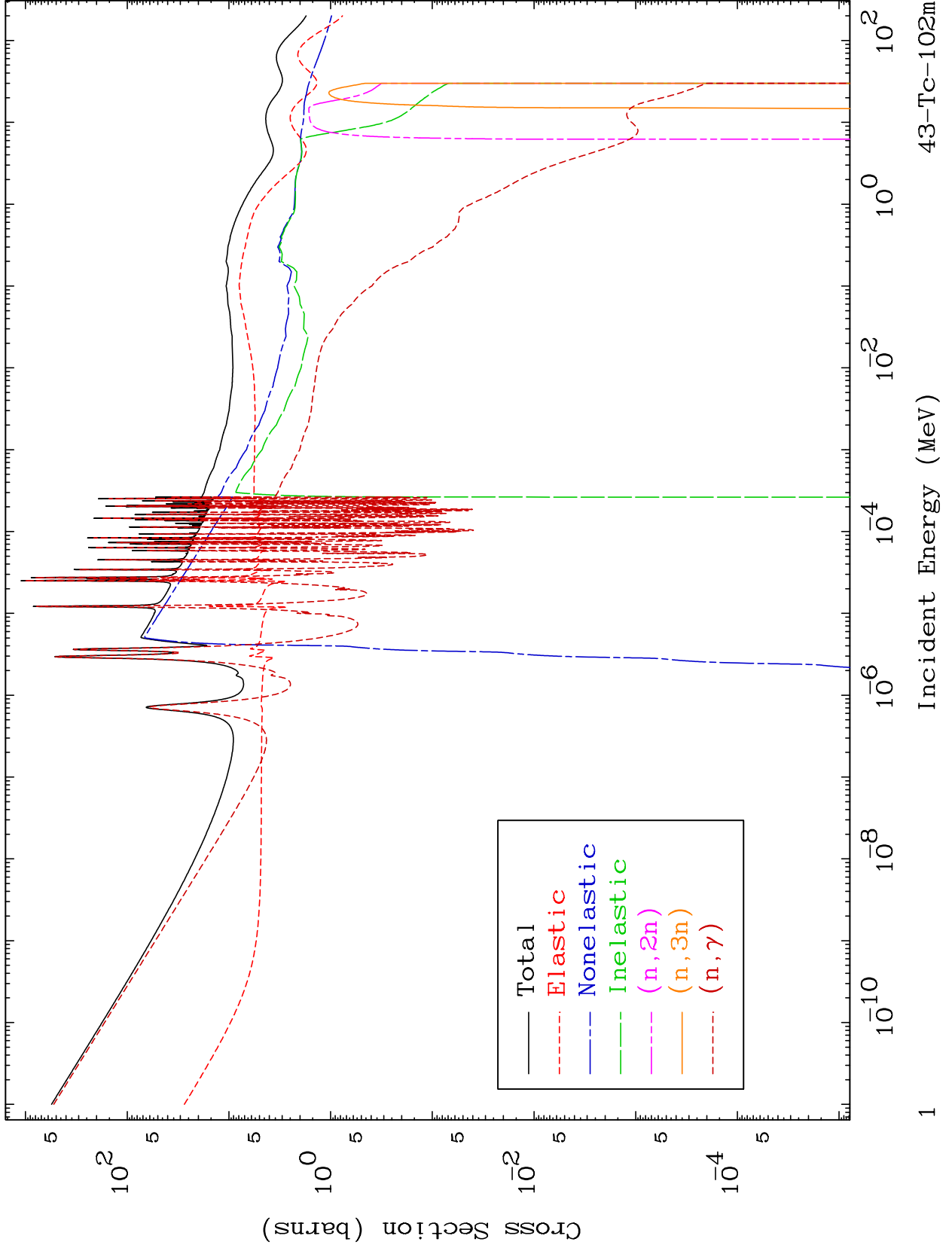
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4335

Neutron Major
293 Kelvin Cross Sections

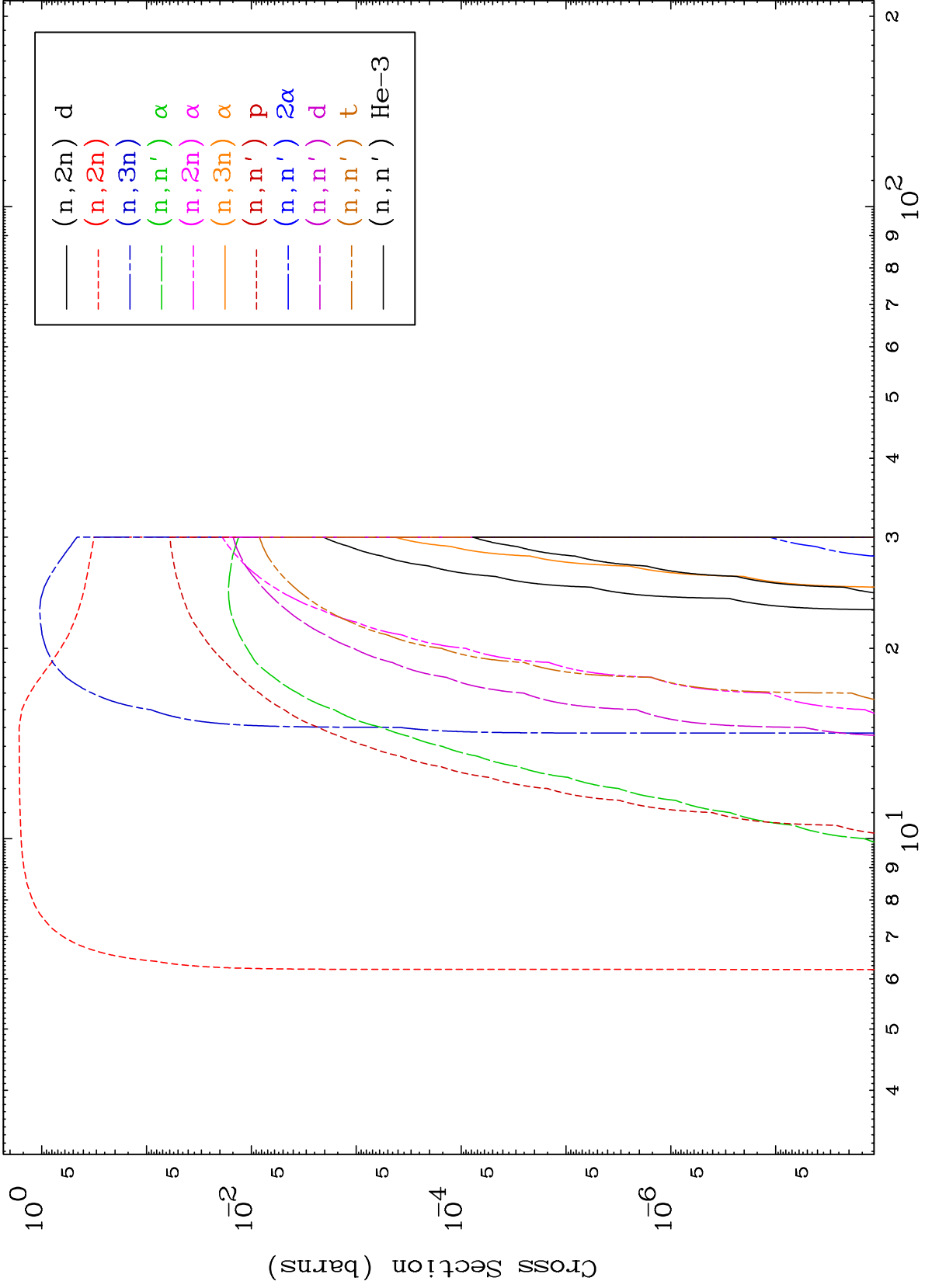
43-Tc-102m



MAT 4335

Neutron Absorption
293 Kelvin Cross Sections

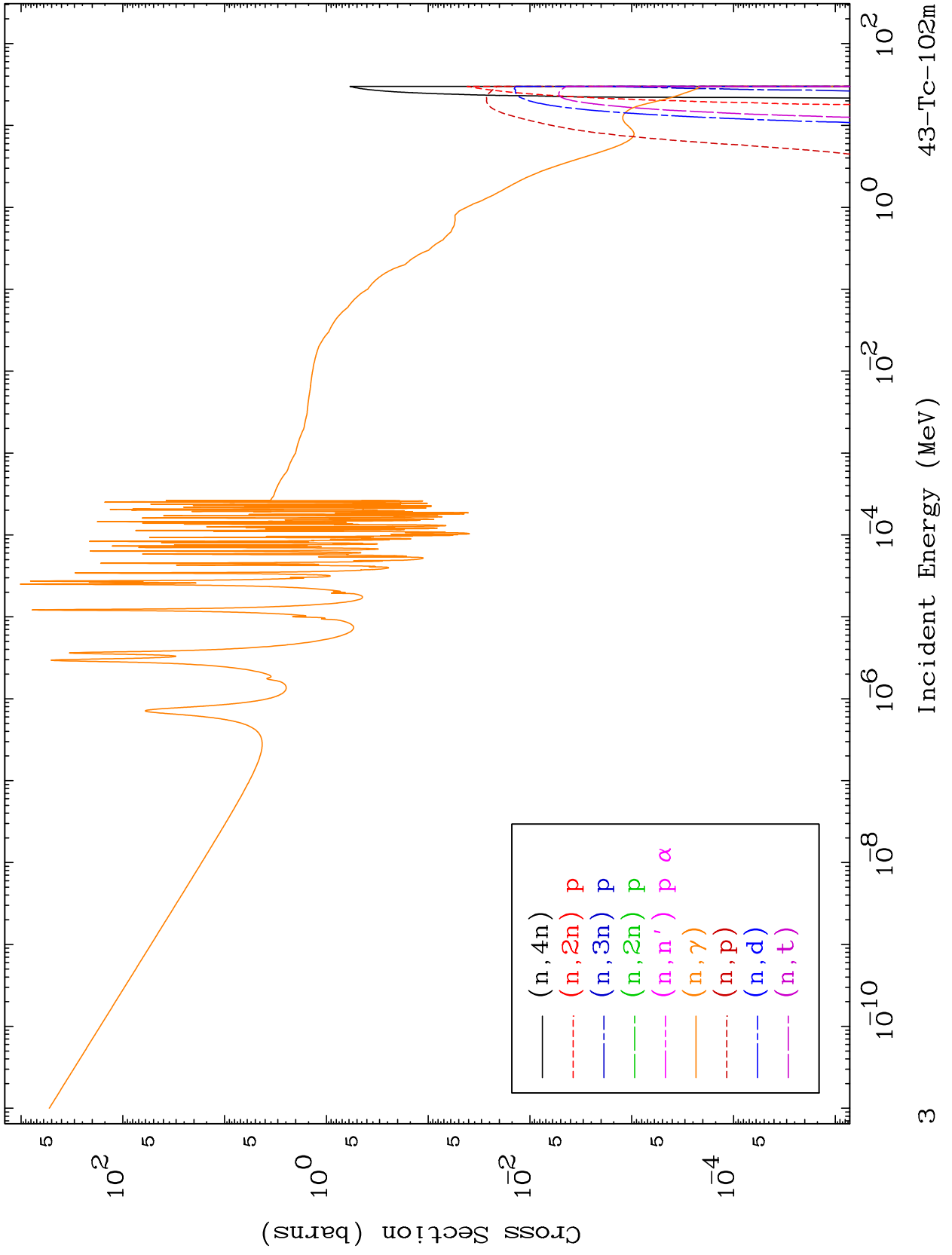
43-Tc-102m



MAT 4335

Neutron Absorption
293 Kelvin Cross Sections

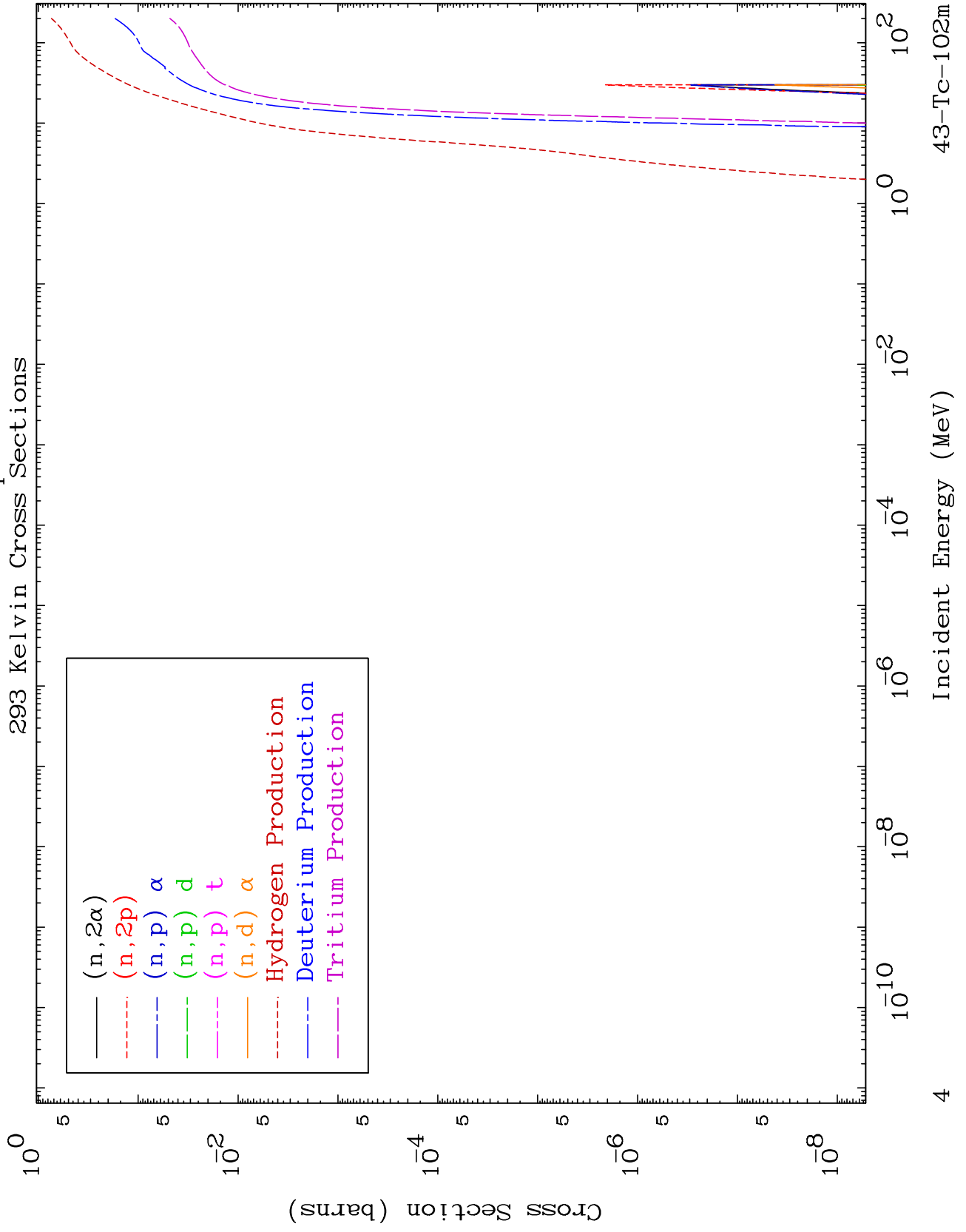
43-Tc-102m



MAT 4335

Neutron Absorption
293 Kelvin Cross Sections

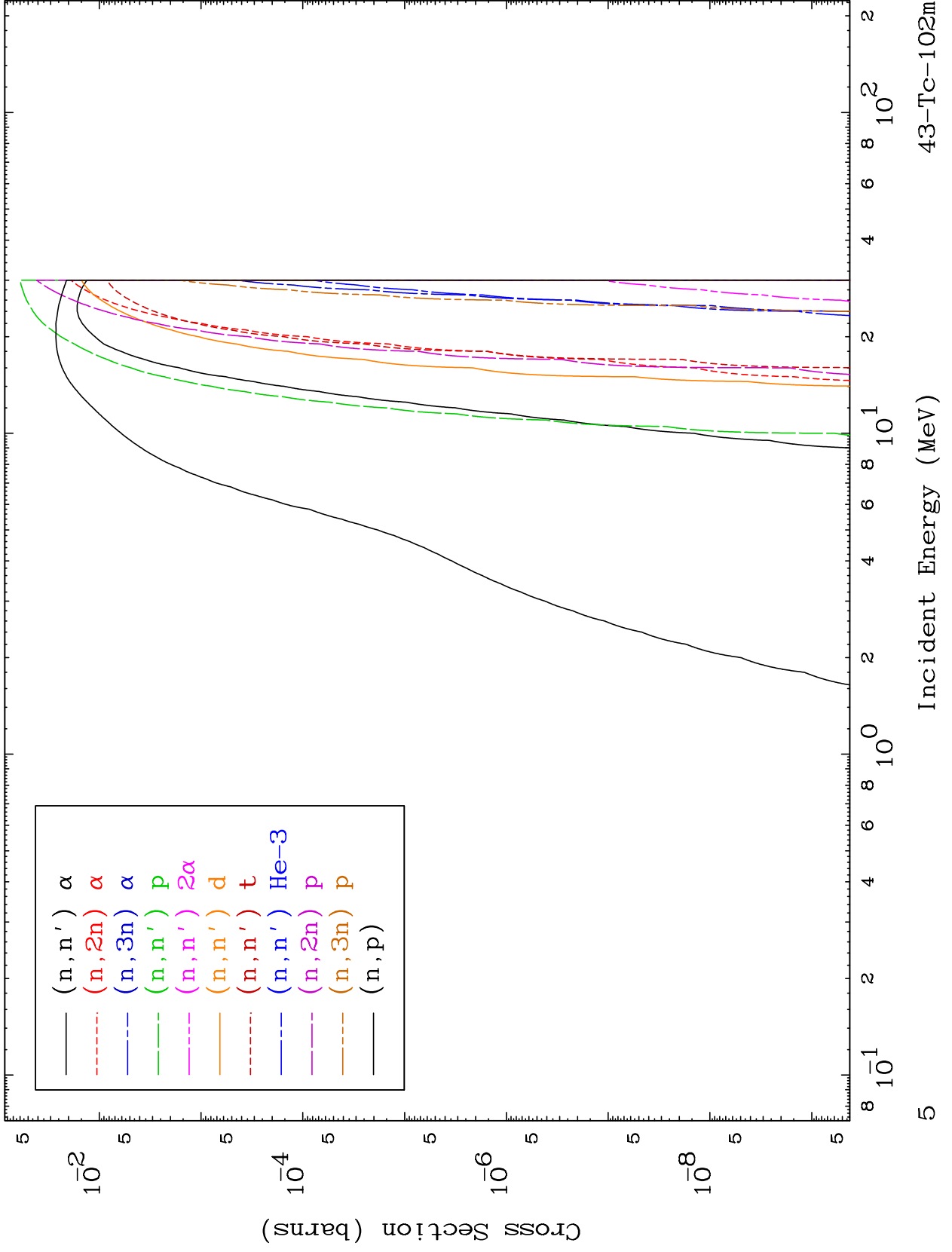
43-Tc-102m



MAT 4335

Charged Particle
293 Kelvin Cross Sections

43-Tc-102m

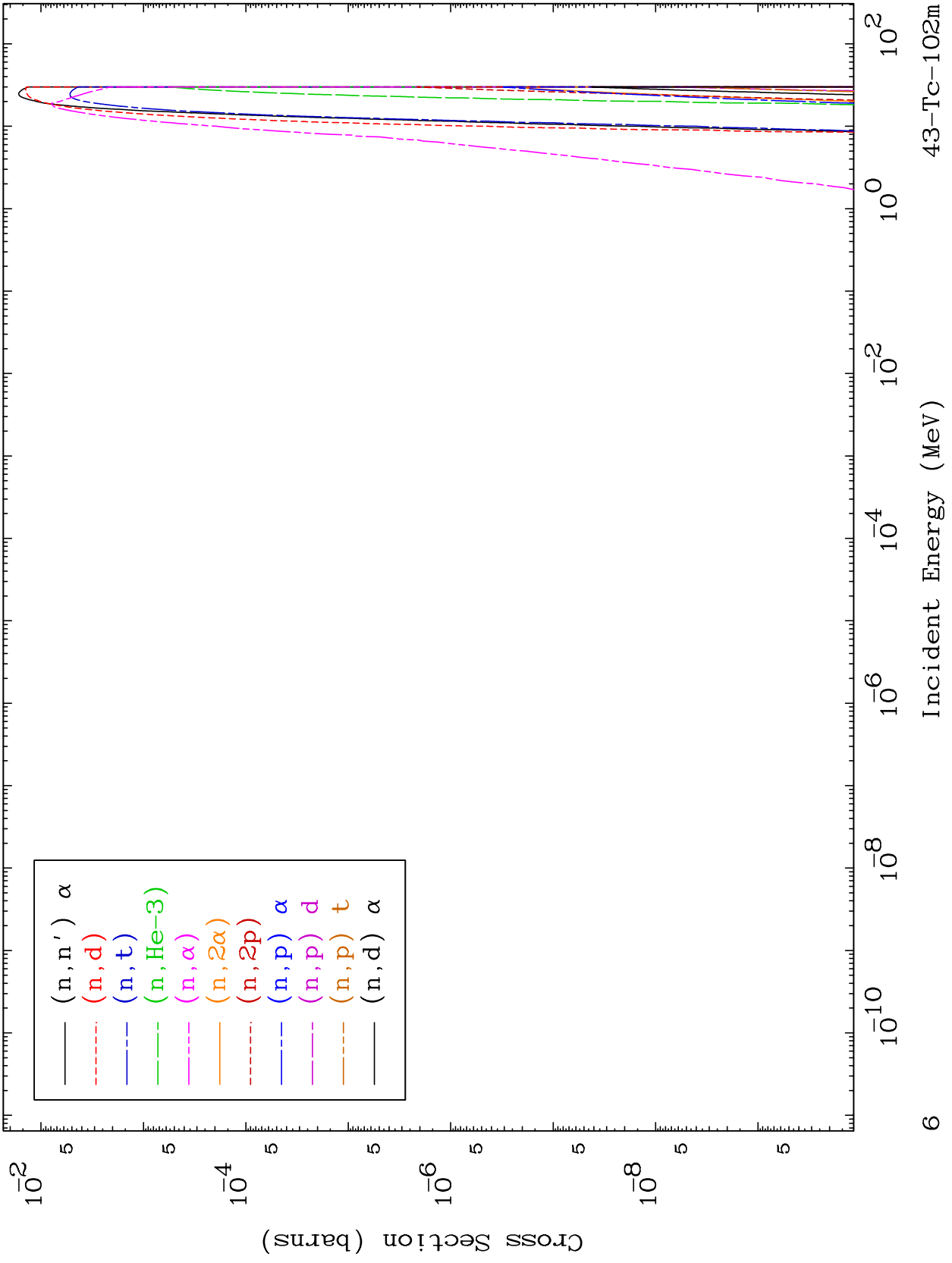


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MAT 4335

Charged Particle
293 Kelvin Cross Sections

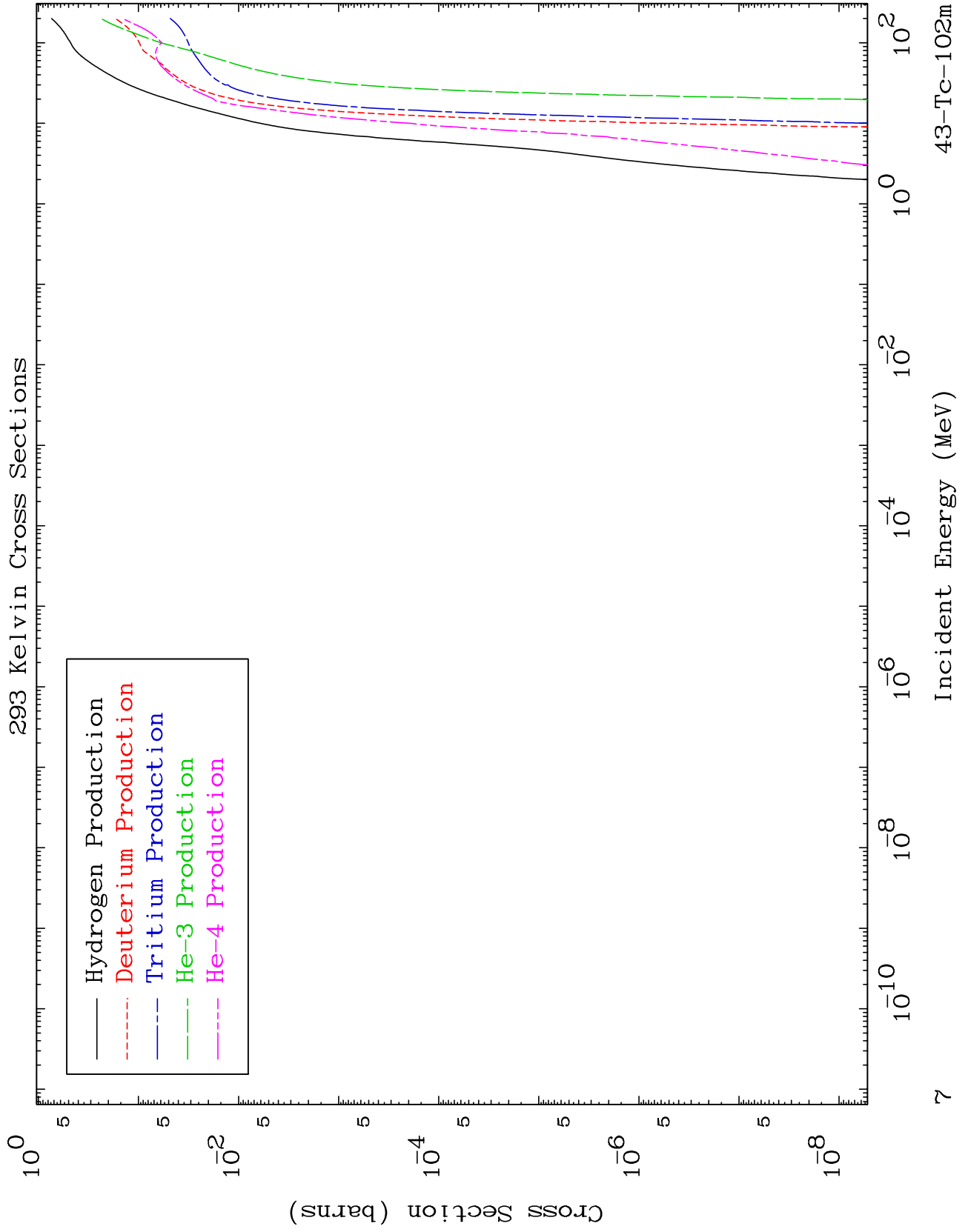
43-Tc-102m



MAT 4335

Particle Production
293 Kelvin Cross Sections

43-Tc-102m

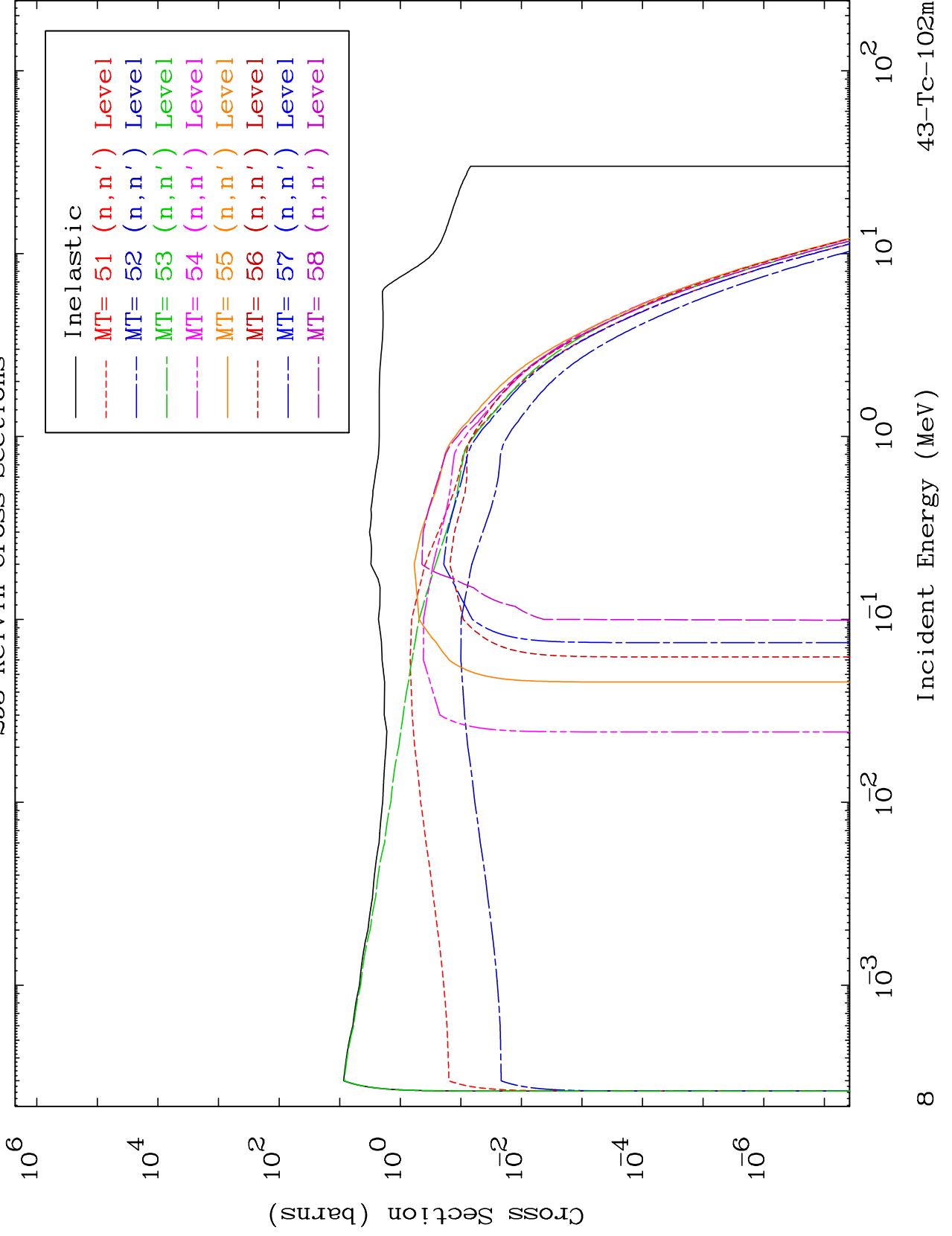


MAT 4335

(n,n') Levels

293 Kelvin Cross Sections

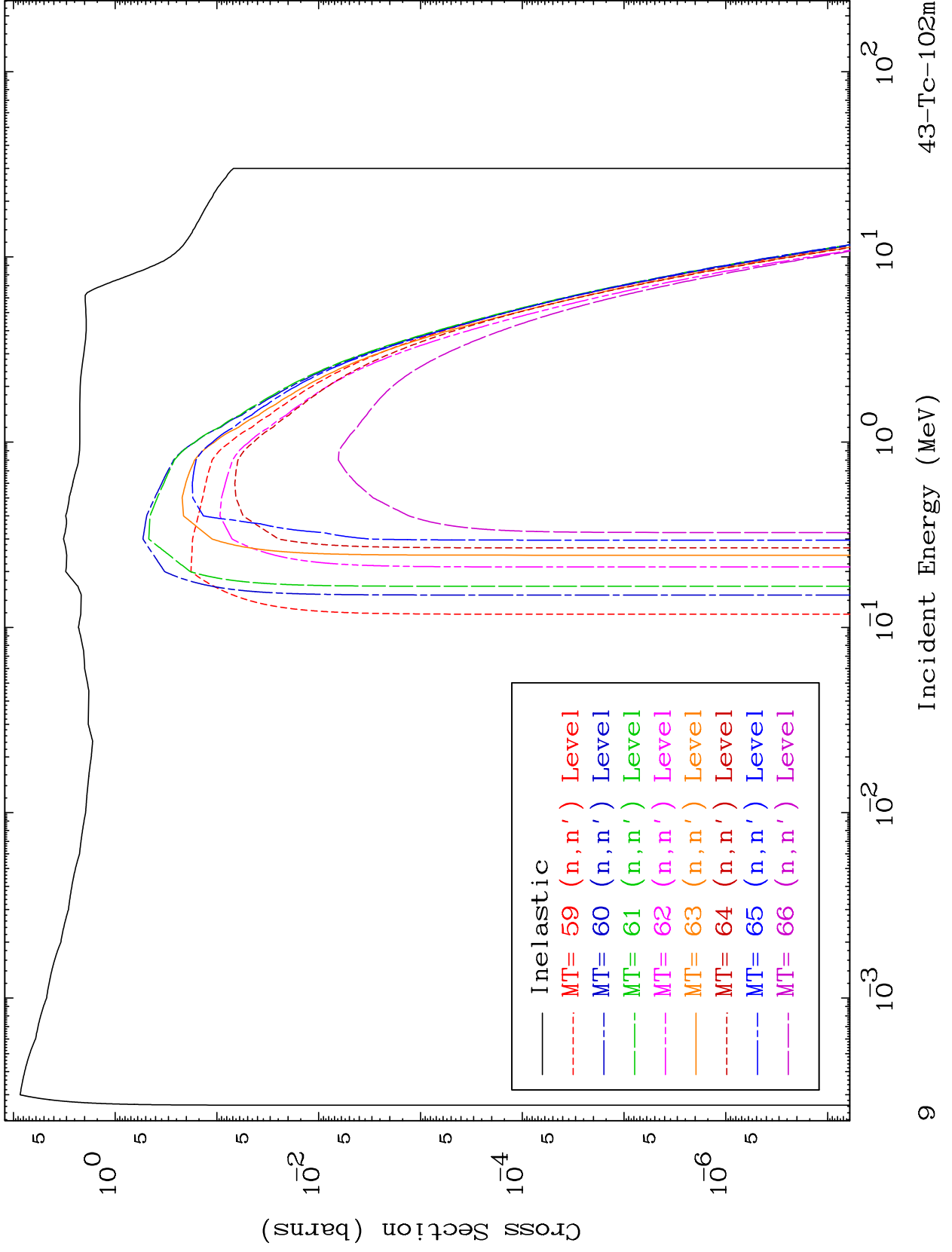
43-Tc-102m



MAT 4335

(n,n') Levels
293 Kelvin Cross Sections

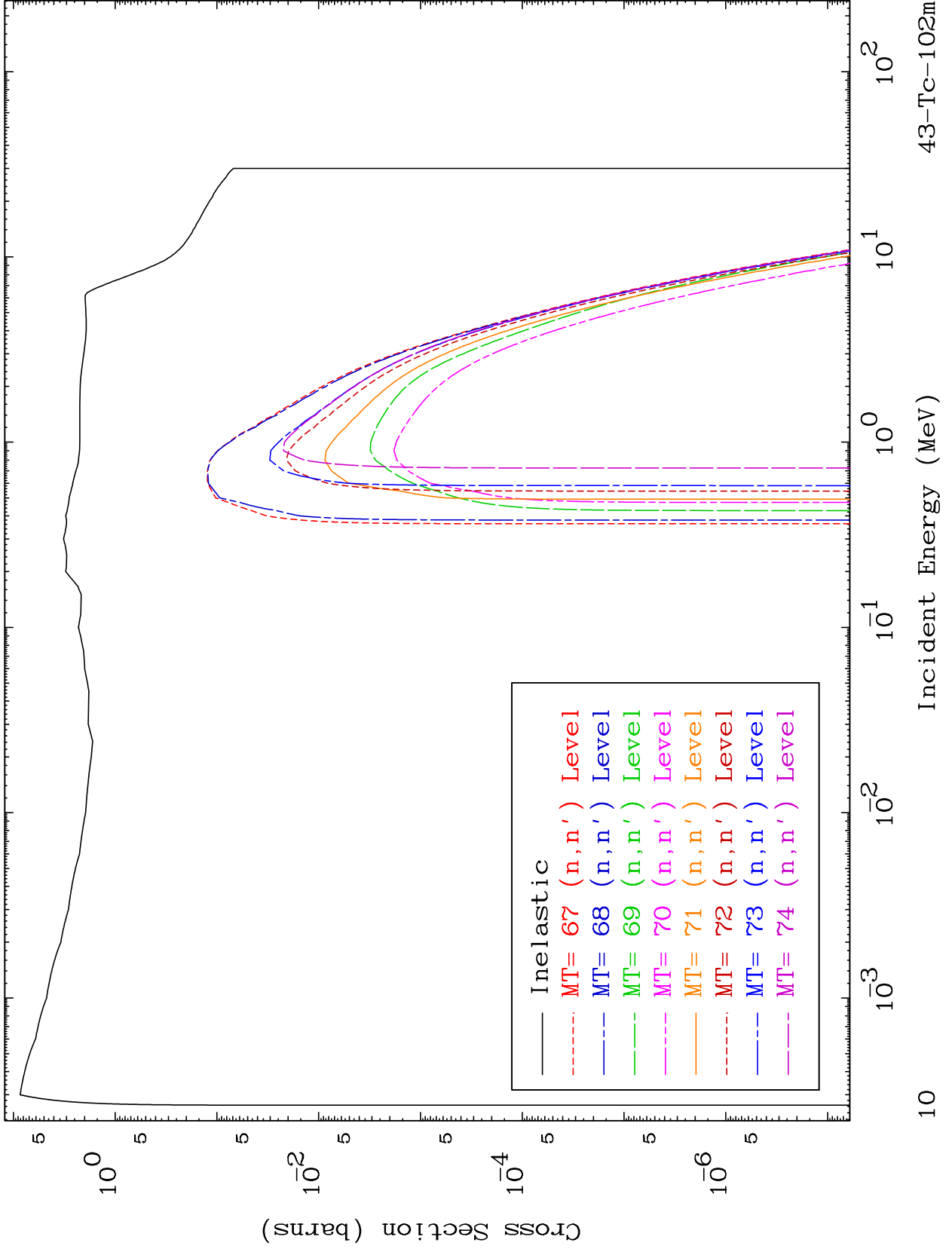
43-Tc-102m



MAT 4335

(n,n') Levels
293 Kelvin Cross Sections

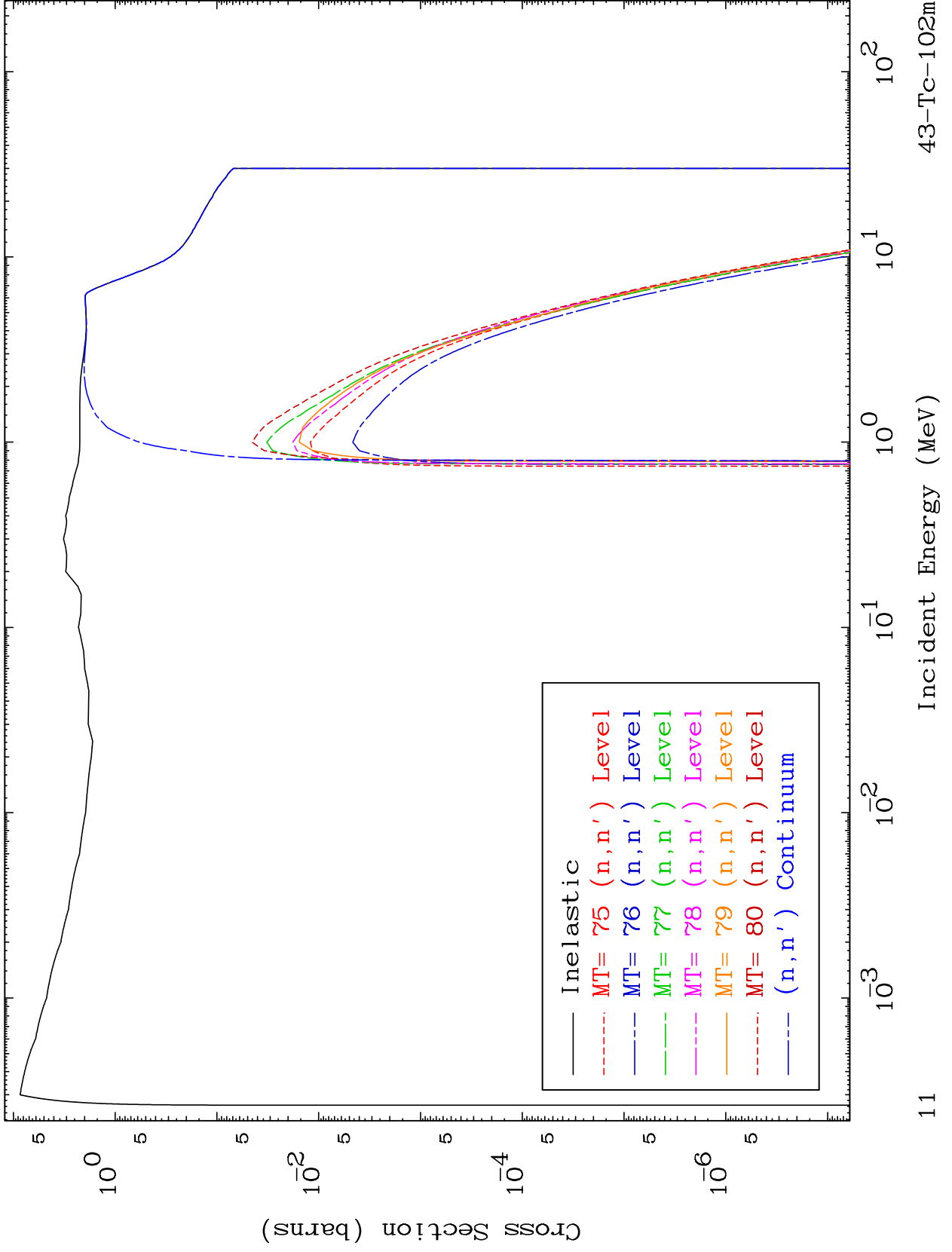
43-Tc-102m



MAT 4335

(n,n') Levels
293 Kelvin Cross Sections

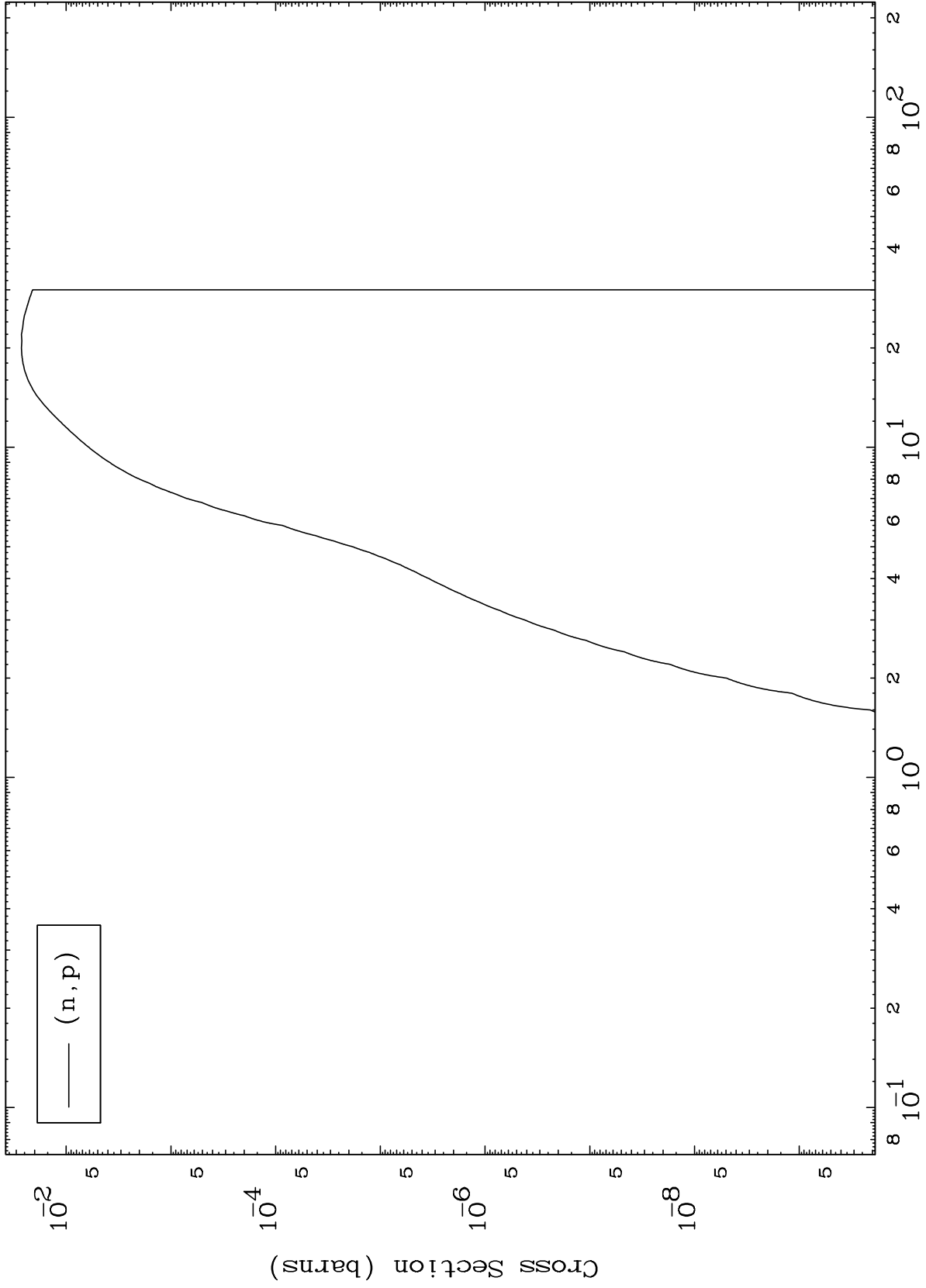
43-Tc-102m



MAT 4335

(n,p) Levels
293 Kelvin Cross Sections

43-Tc-102m



12

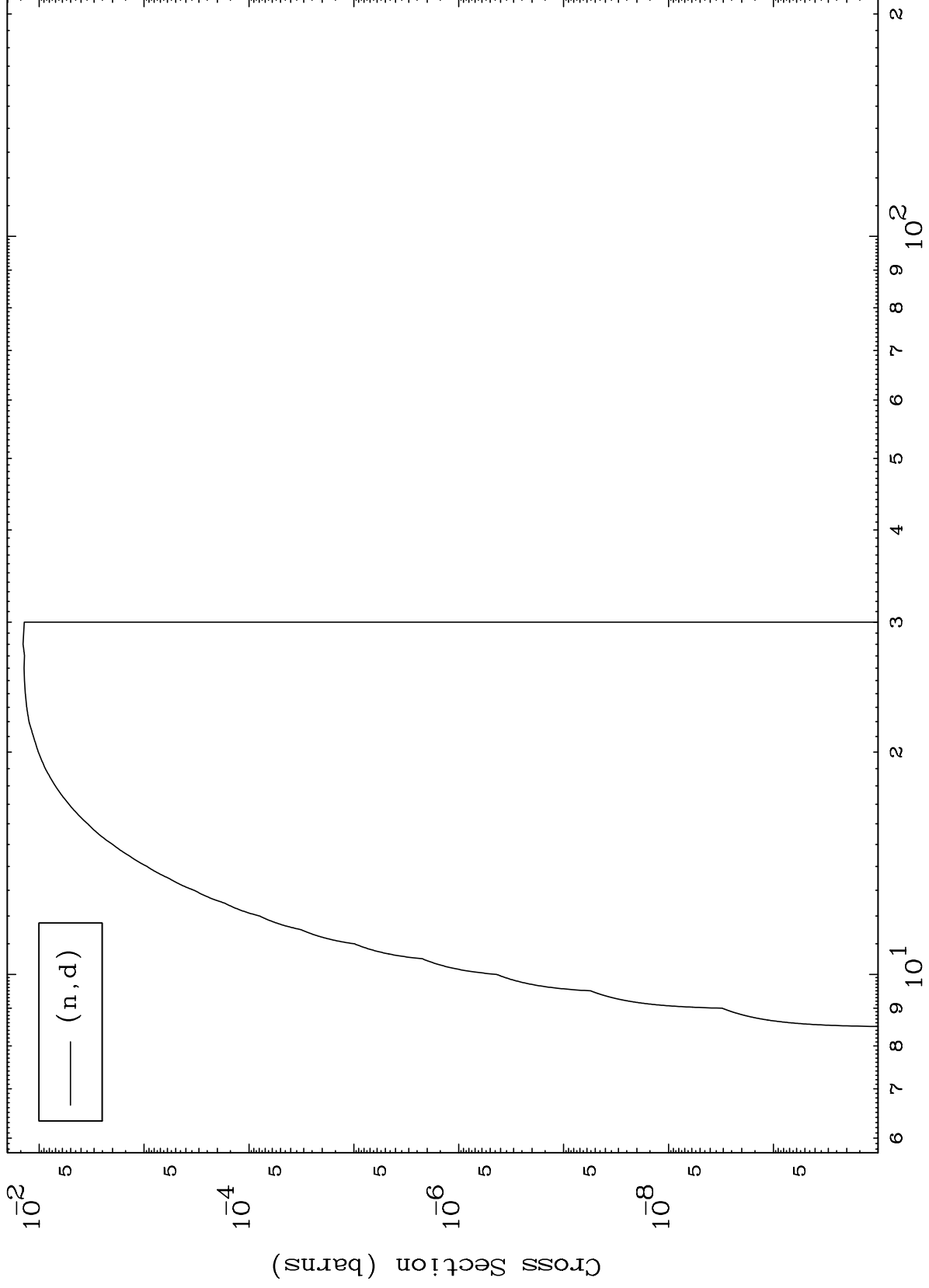
Incident Energy (MeV)

43-Tc-102m

MAT 4335

(n,d) Levels
293 Kelvin Cross Sections

43-Tc-102m



(n,d)

13

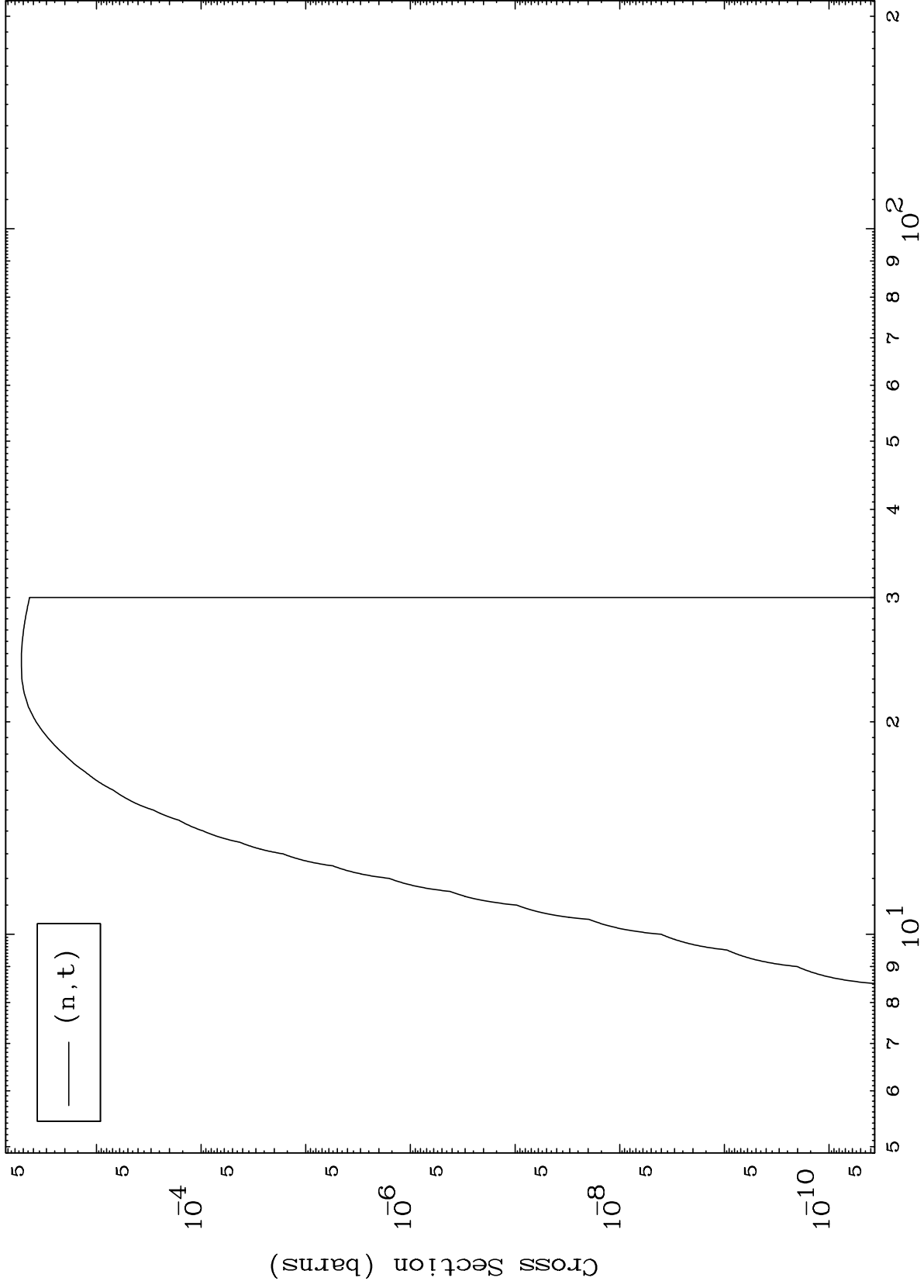
Incident Energy (MeV)

43-Tc-102m

MAT 4335

(n,t) Levels
293 Kelvin Cross Sections

43-Tc-102m



14

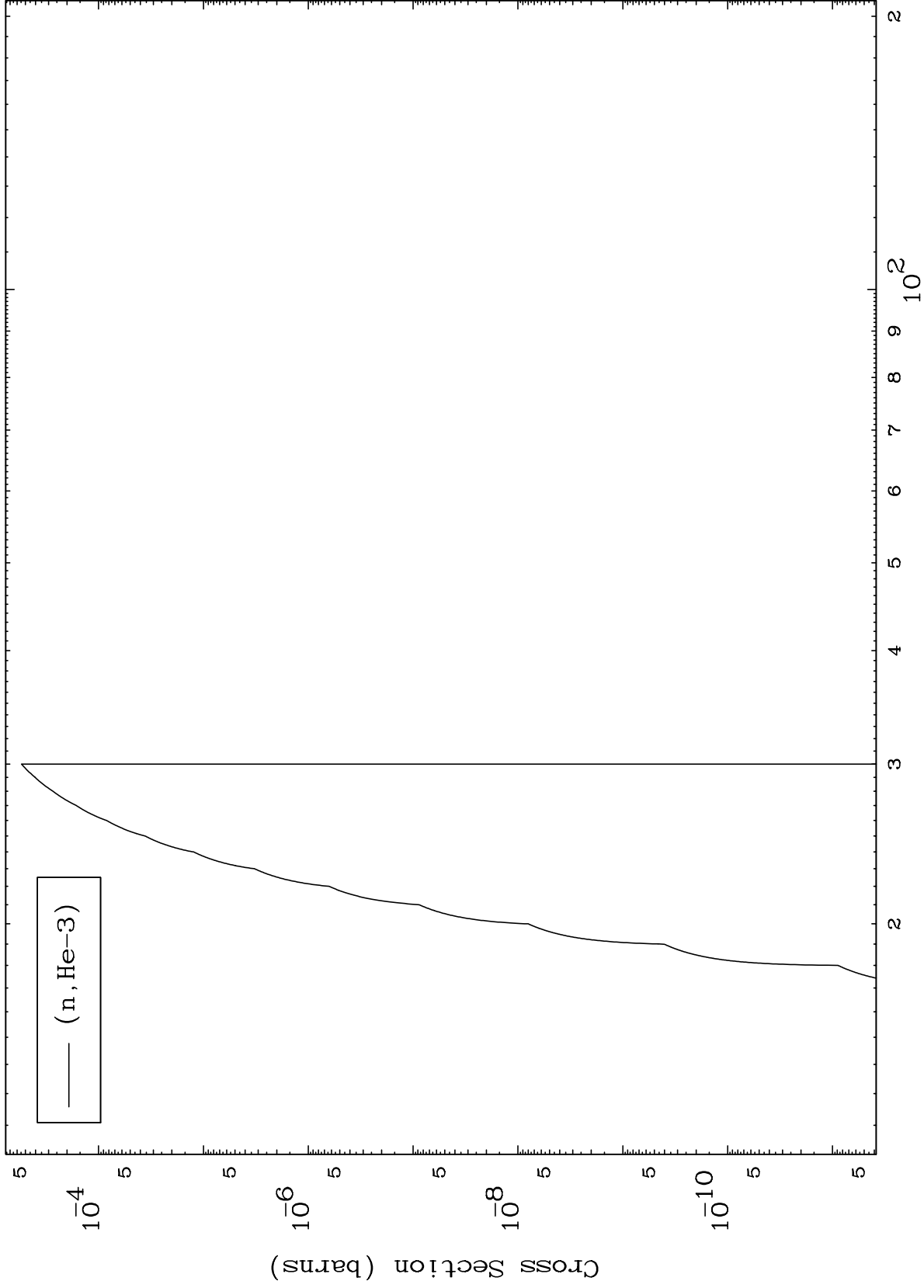
Incident Energy (MeV)

43-Tc-102m

MAT 4335

(n,He3) Levels
293 Kelvin Cross Sections

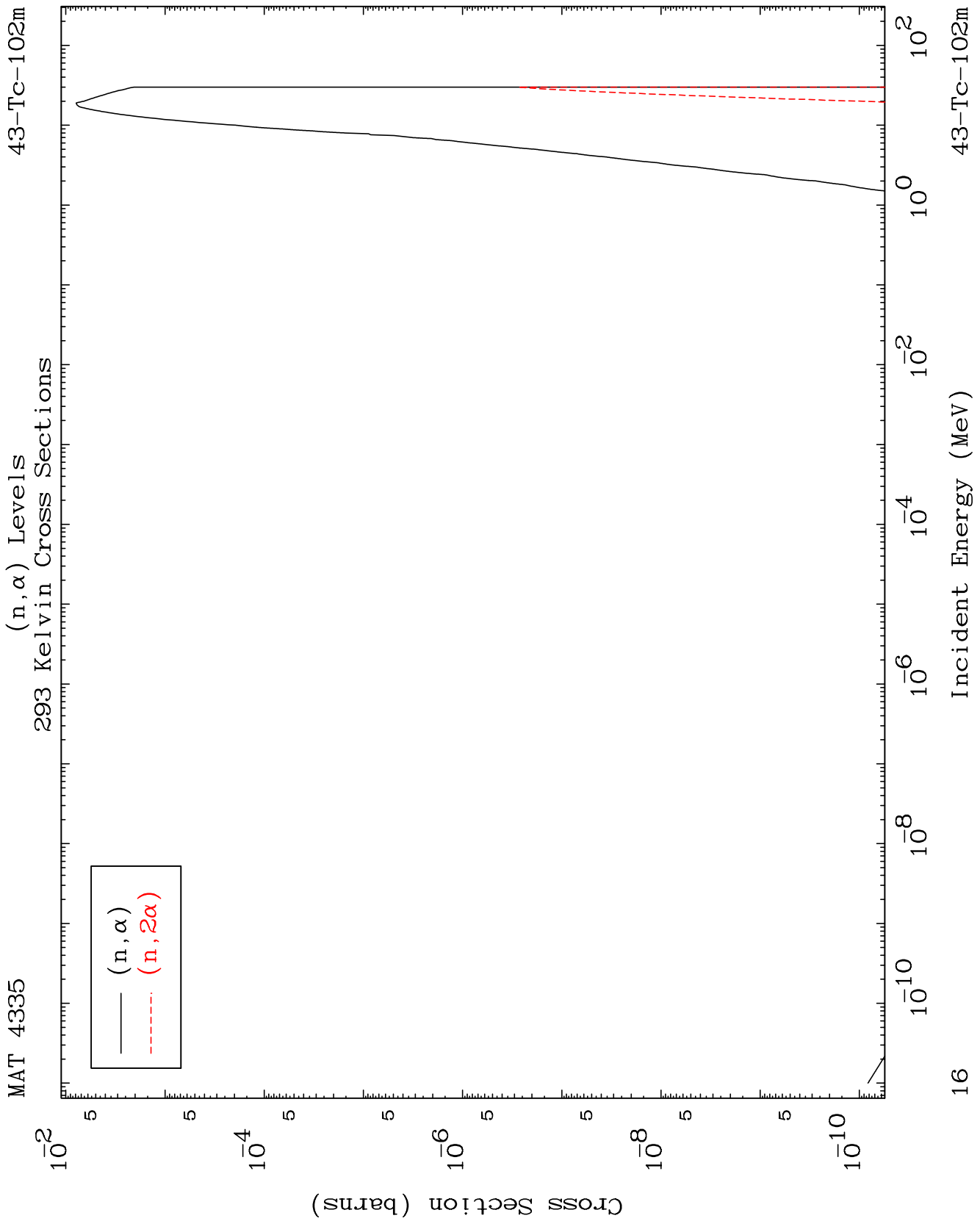
43-Tc-102m



15

Incident Energy (MeV)

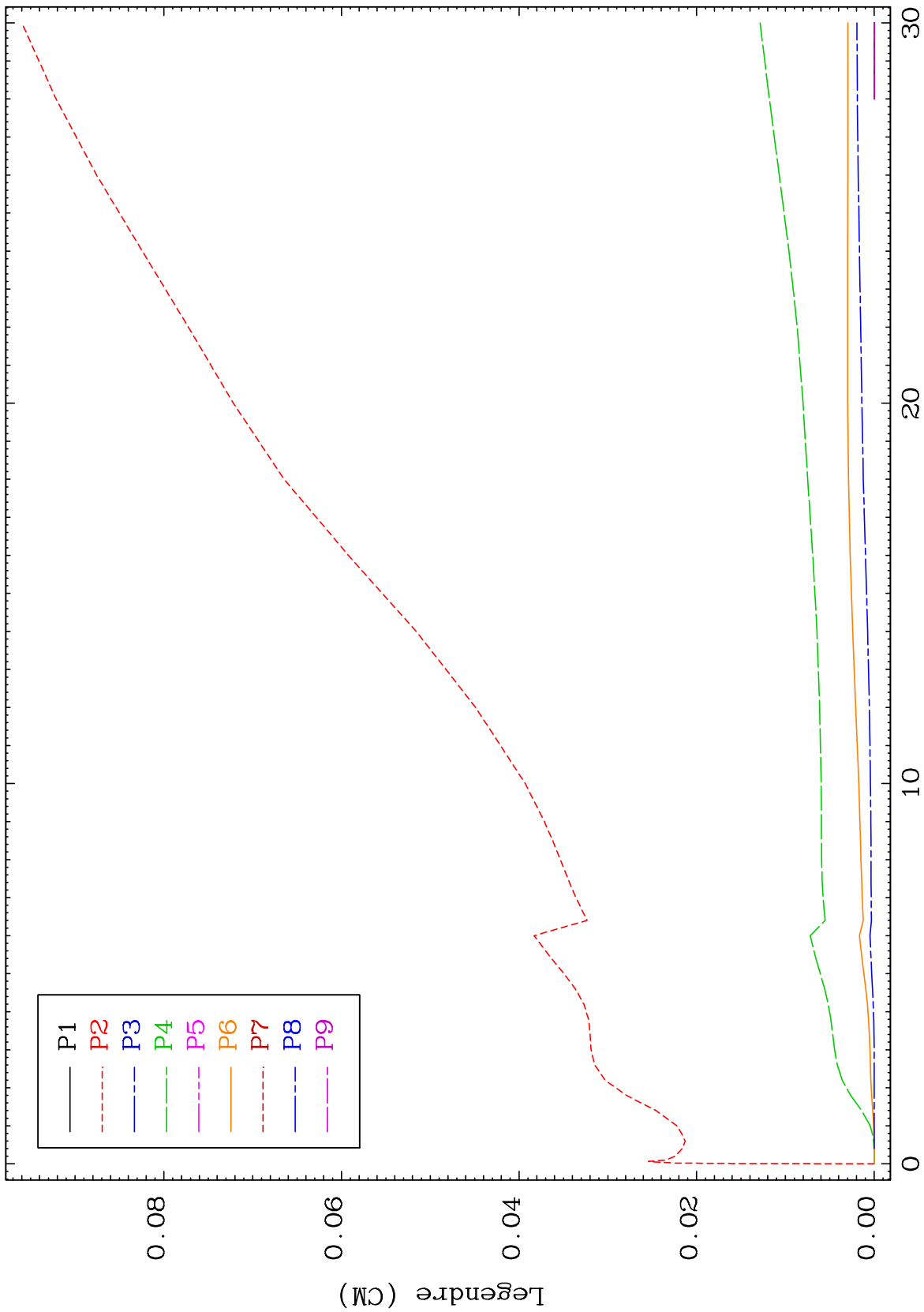
43-Tc-102m



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Elastic Legendre Coefficients

43-Tc-102m



17

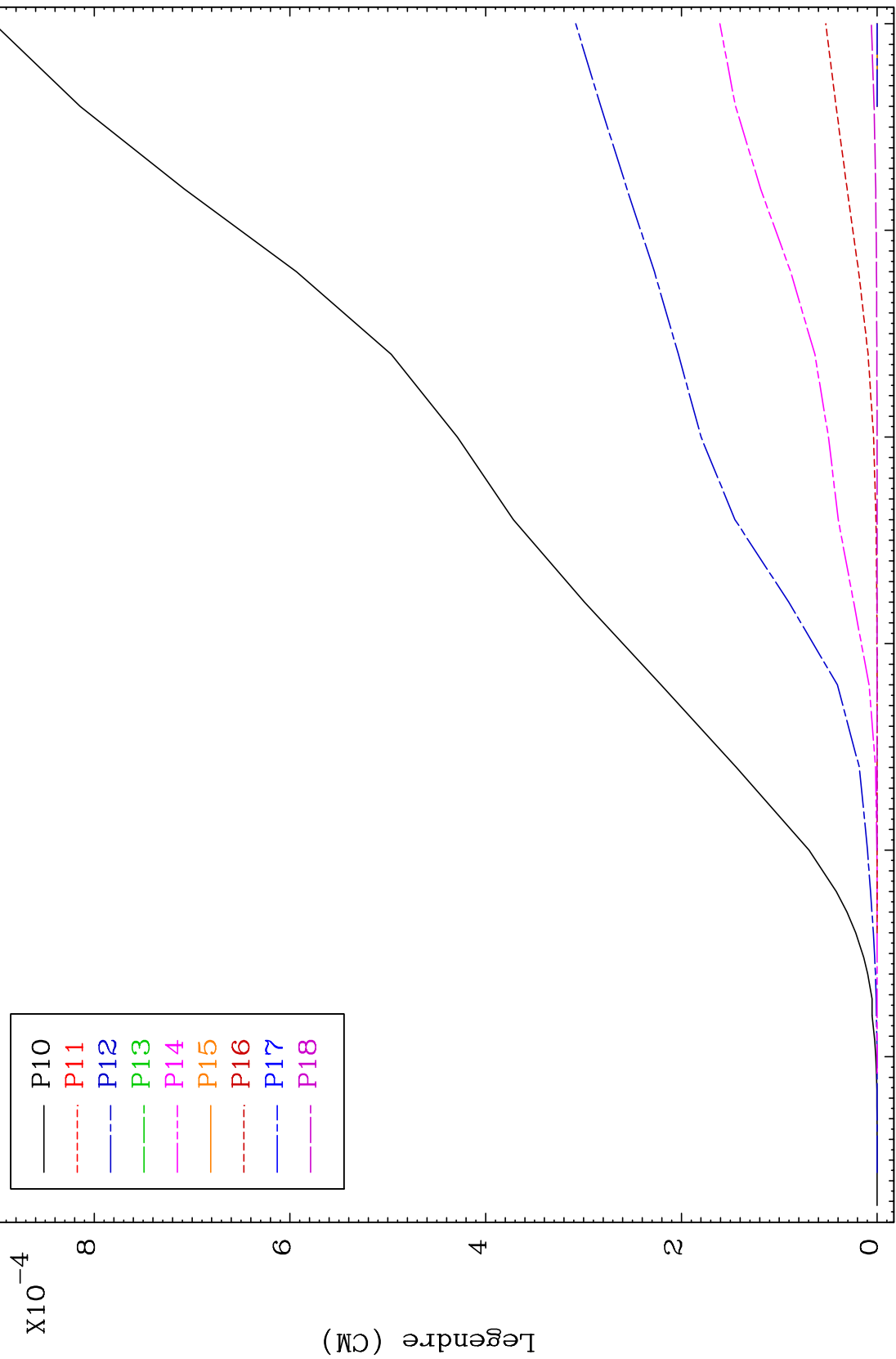
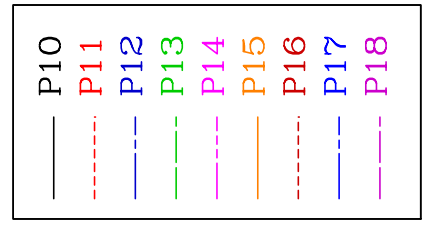
Incident Energy (MeV)

43-Tc-102m

MAT 4335

Elastic Legendre Coefficients

43-Tc-102m



18

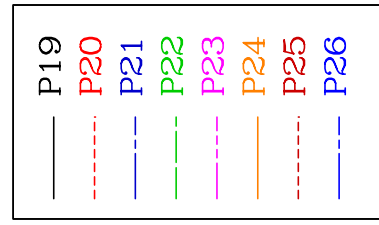
Incident Energy (MeV)

43-Tc-102m

MAT 4335

Elastic
Legendre Coefficients

43-Tc-102m



$\times 10^{-3}$

Legendre (CM)

2

1

0

15

20

25

30

19

Incident Energy (MeV)

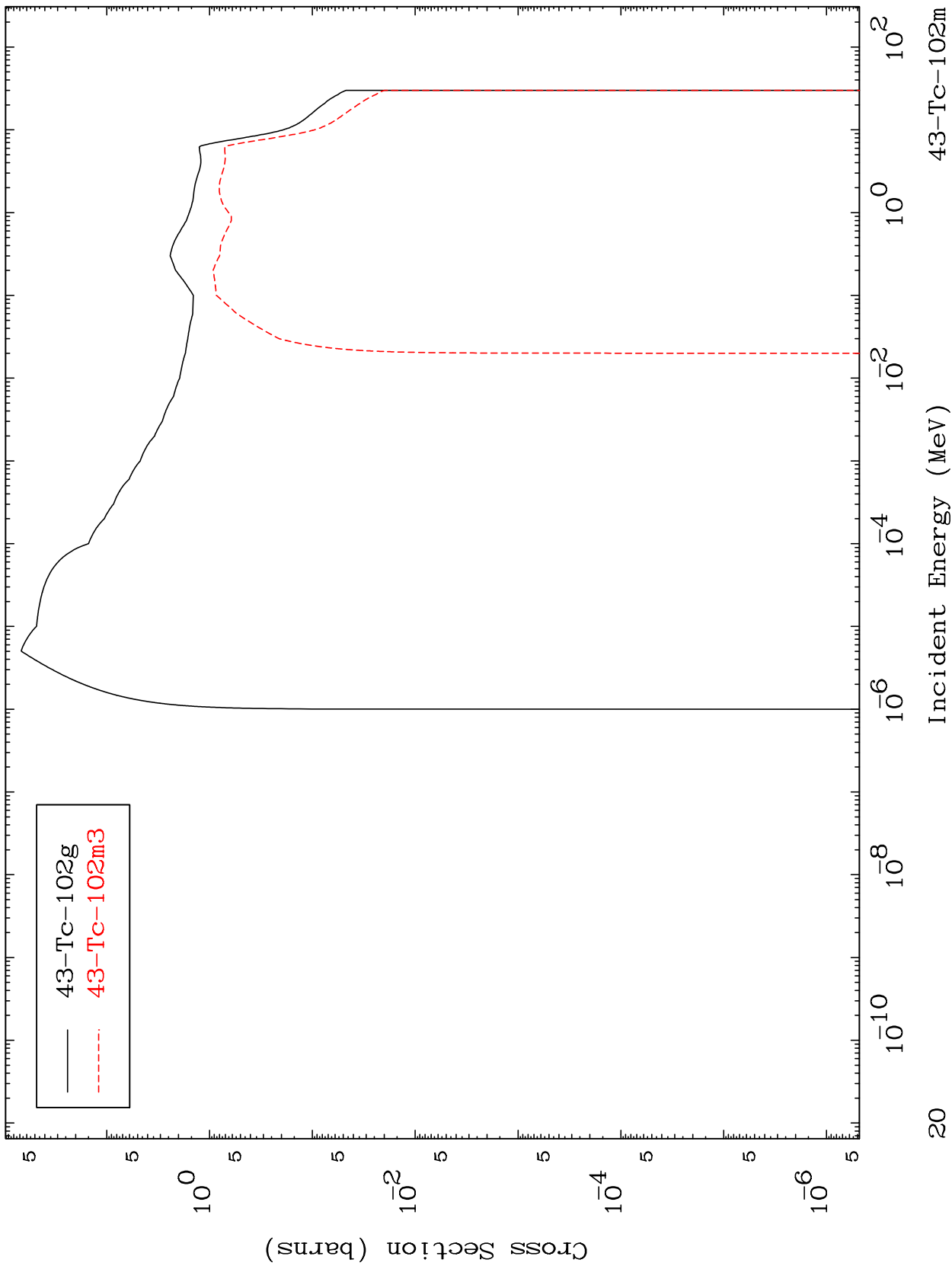
43-Tc-102m



MAT 4335

43-Tc-102m

Radionuclide Production Cross Section

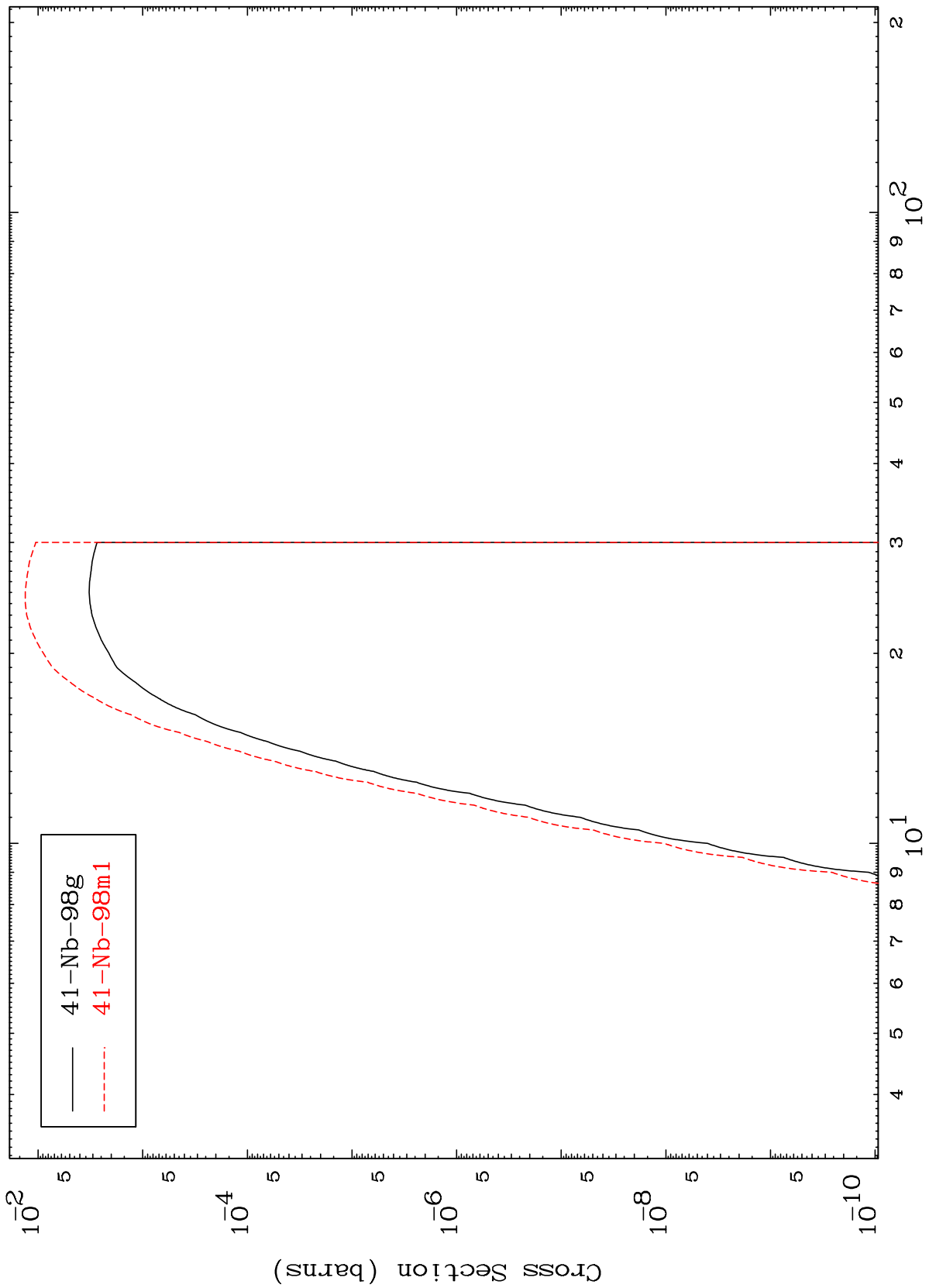


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(n,n') α

43-Tc-102m

Radionuclide Production Cross Section

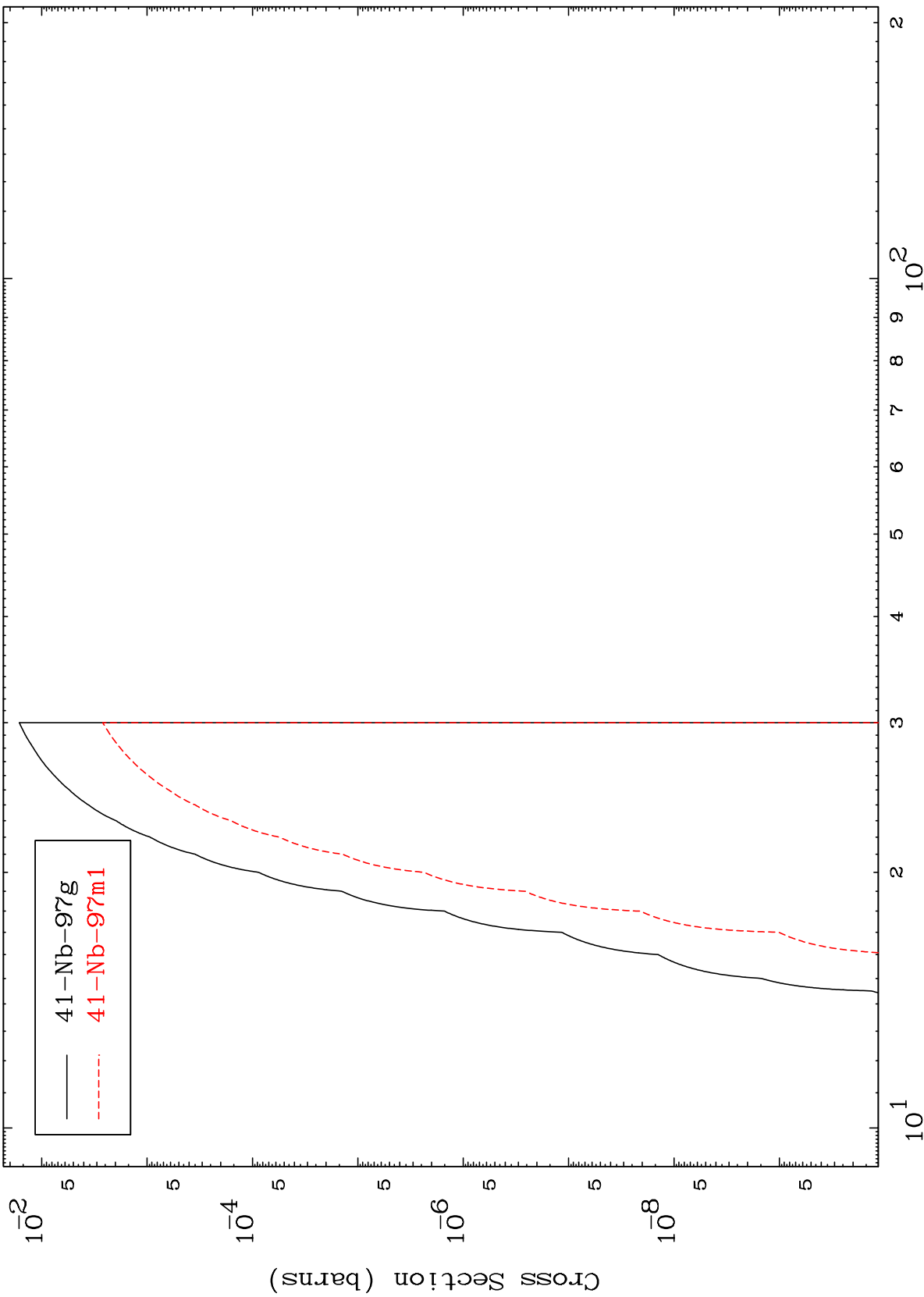


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(n,2n) α

43-Tc-102m

Radionuclide Production Cross Section



41-Nb-97g
41-Nb-97m1

22

Incident Energy (MeV)

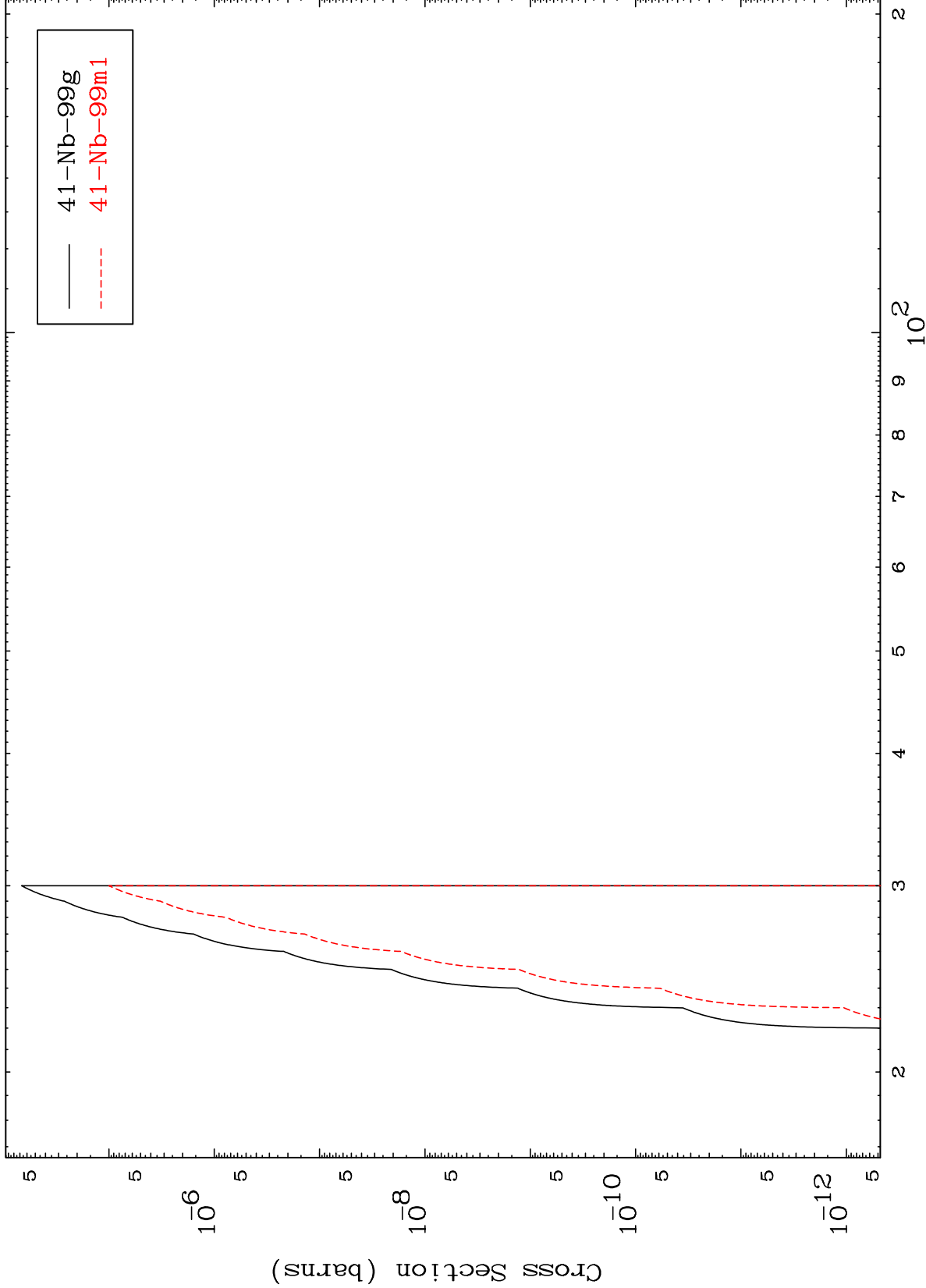
43-Tc-102m

MAT 4335

(n,n') He-3

43-Tc-102m

Radionuclide Production Cross Section



23

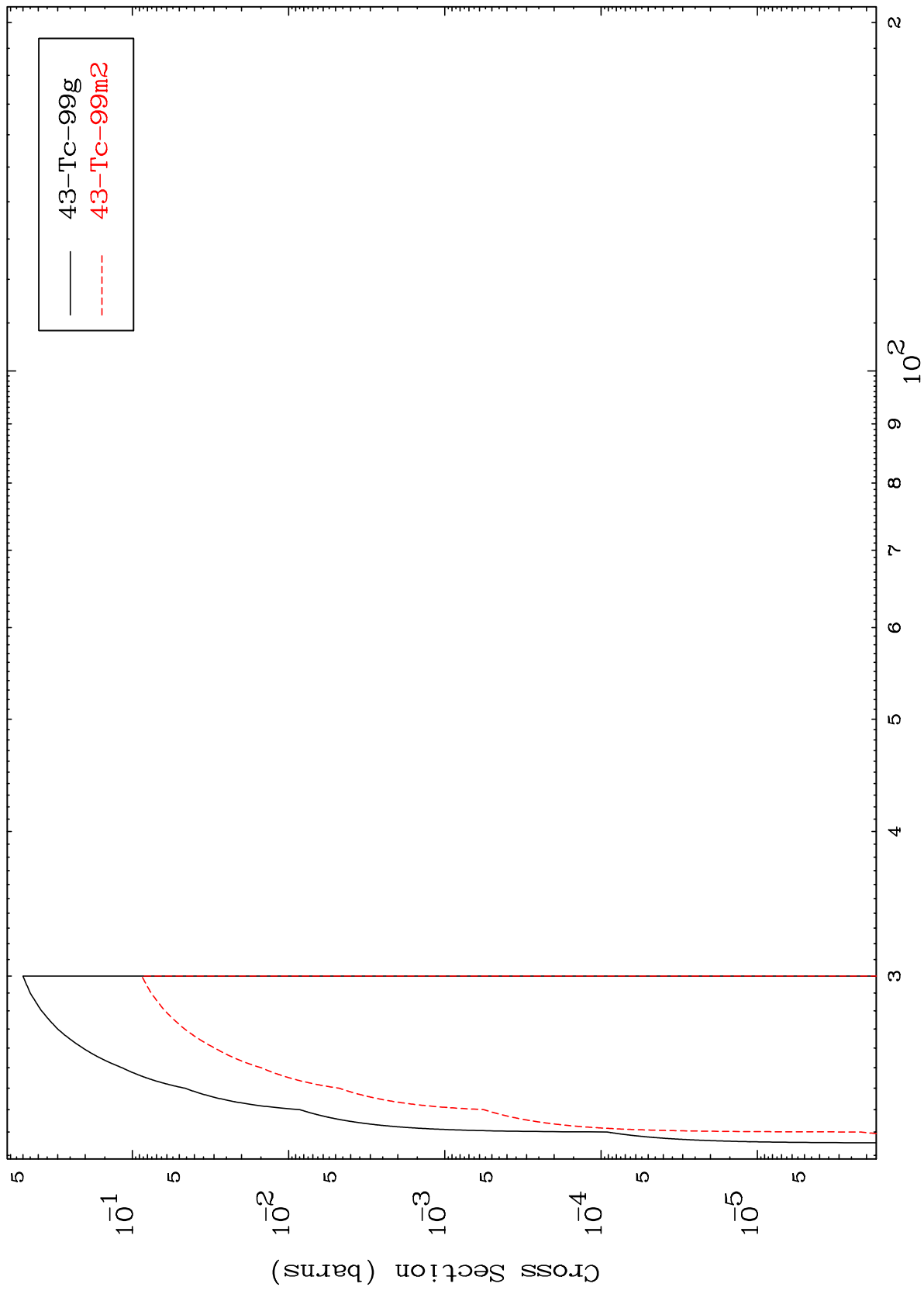
Incident Energy (MeV)

43-Tc-102m

MAT 4335

43-Tc-102m

(n,4n)
Radionuclide Production Cross Section



43-Tc-102m

Incident Energy (MeV)

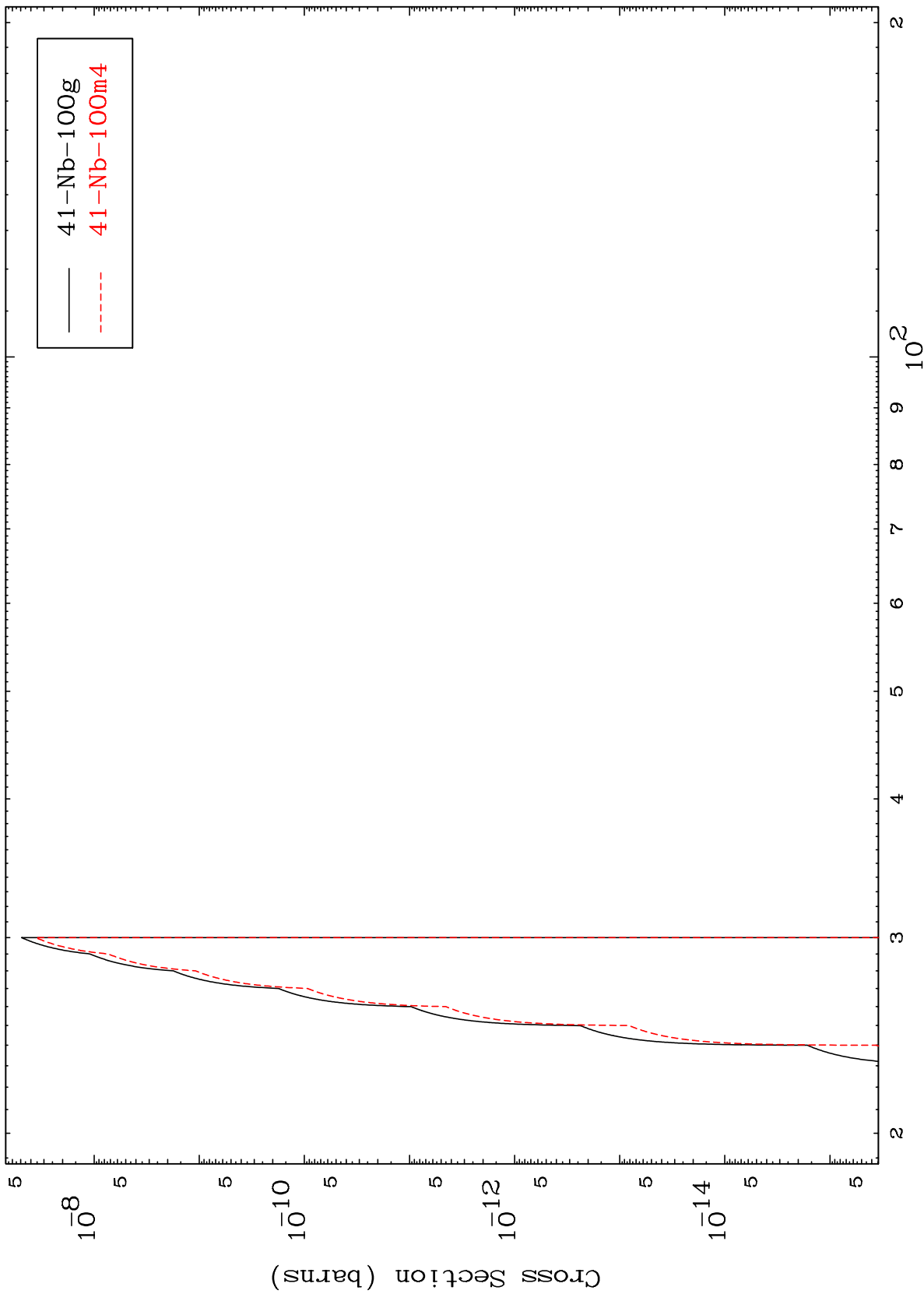
24

MAT 4335

(n,2n) p

43-Tc-102m

Radionuclide Production Cross Section

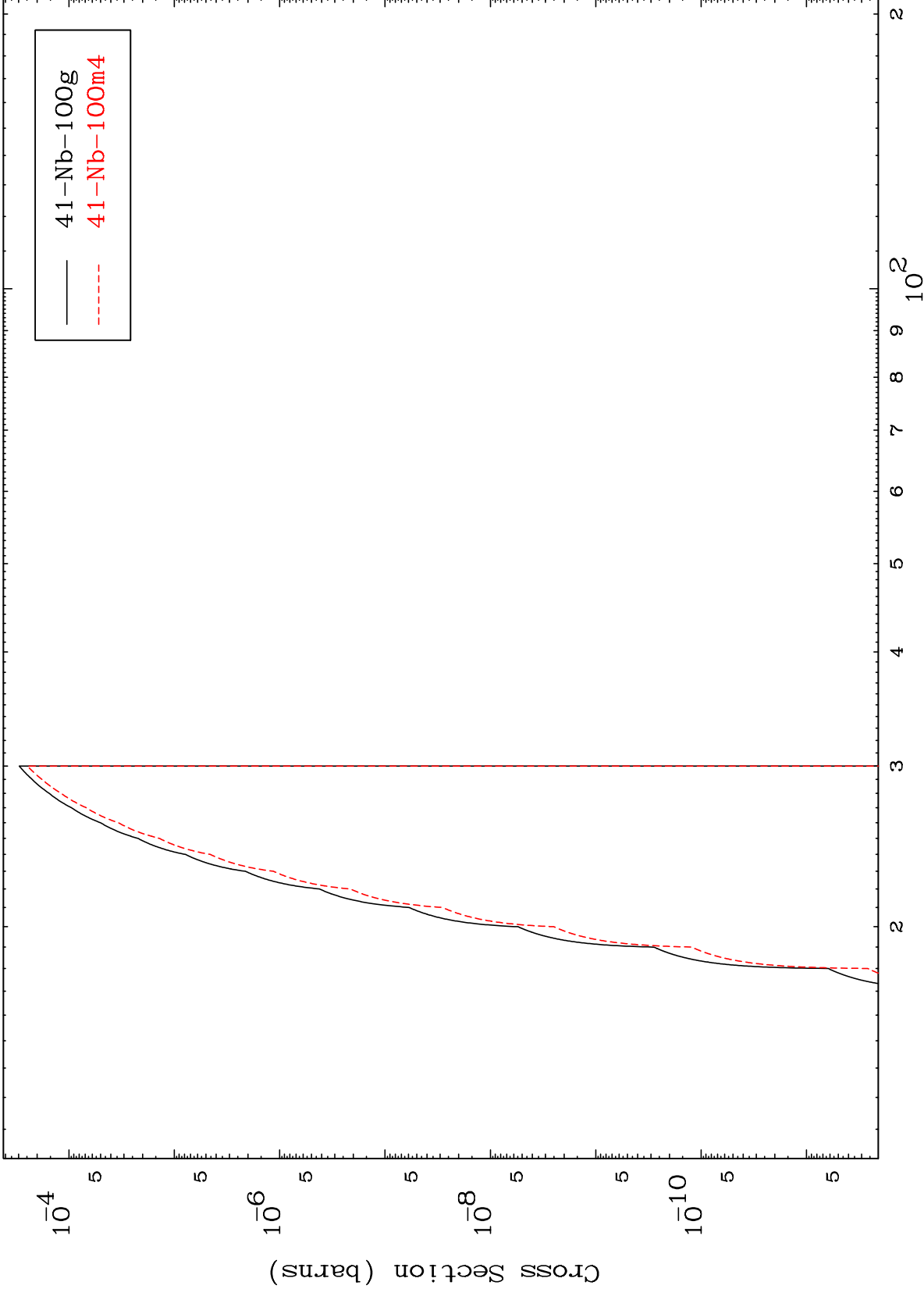


25

Incident Energy (MeV)

43-Tc-102m

Radionuclide Production Cross Section

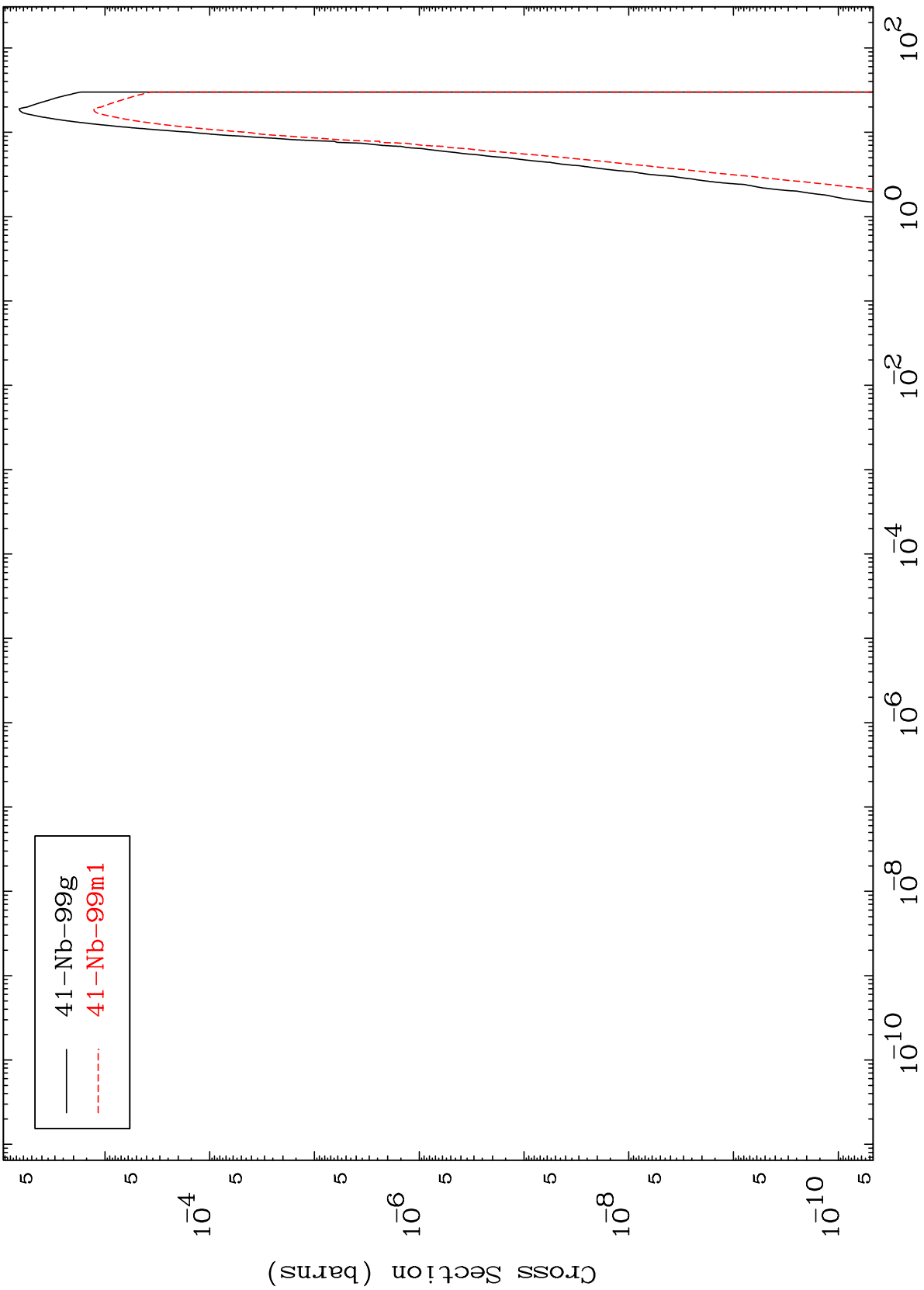


MAT 4335

(n, α)

⁴³Tc-102m

Radionuclide Production Cross Section

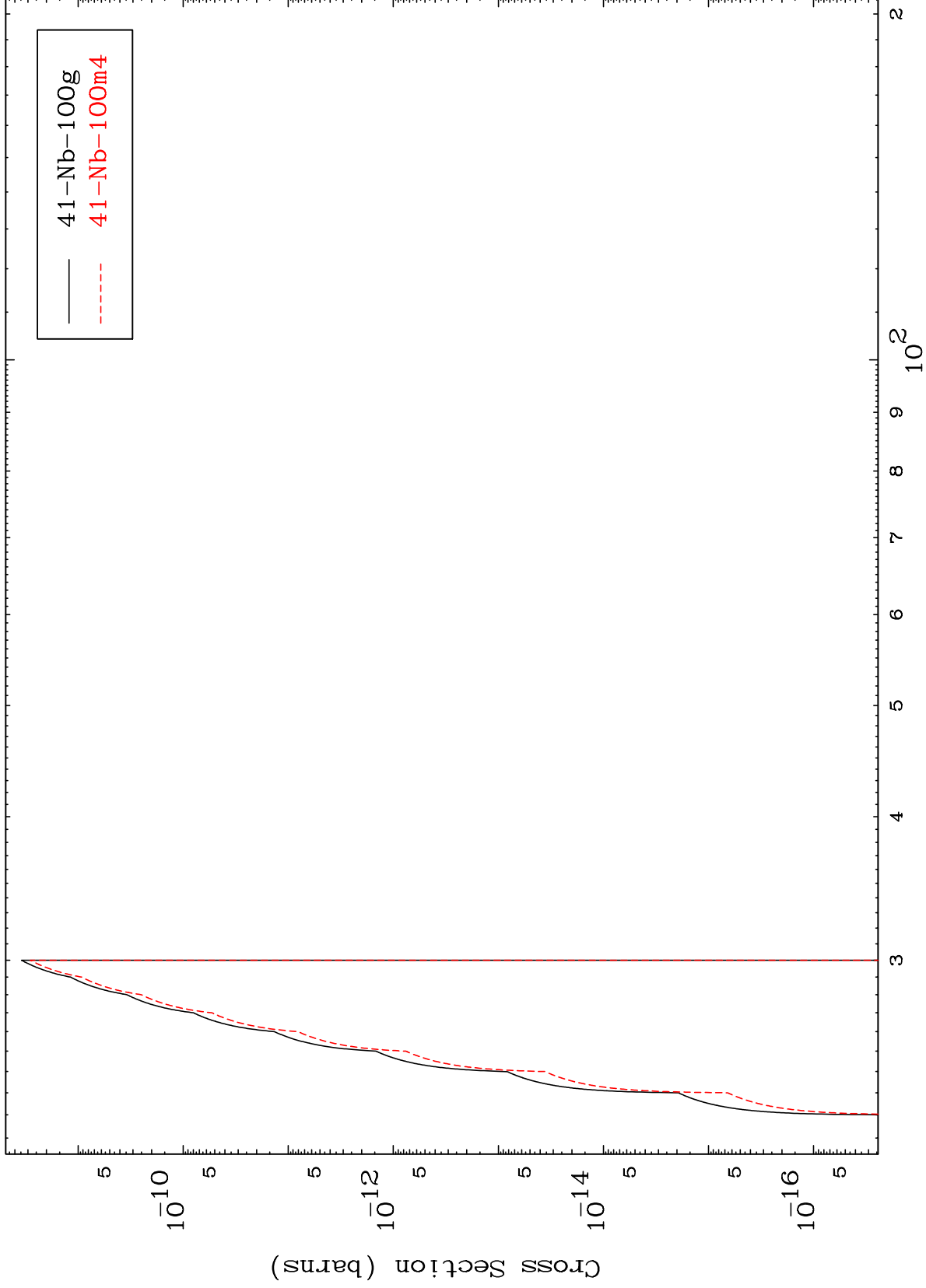


MAT 4335

(n,p) d

43-Tc-102m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

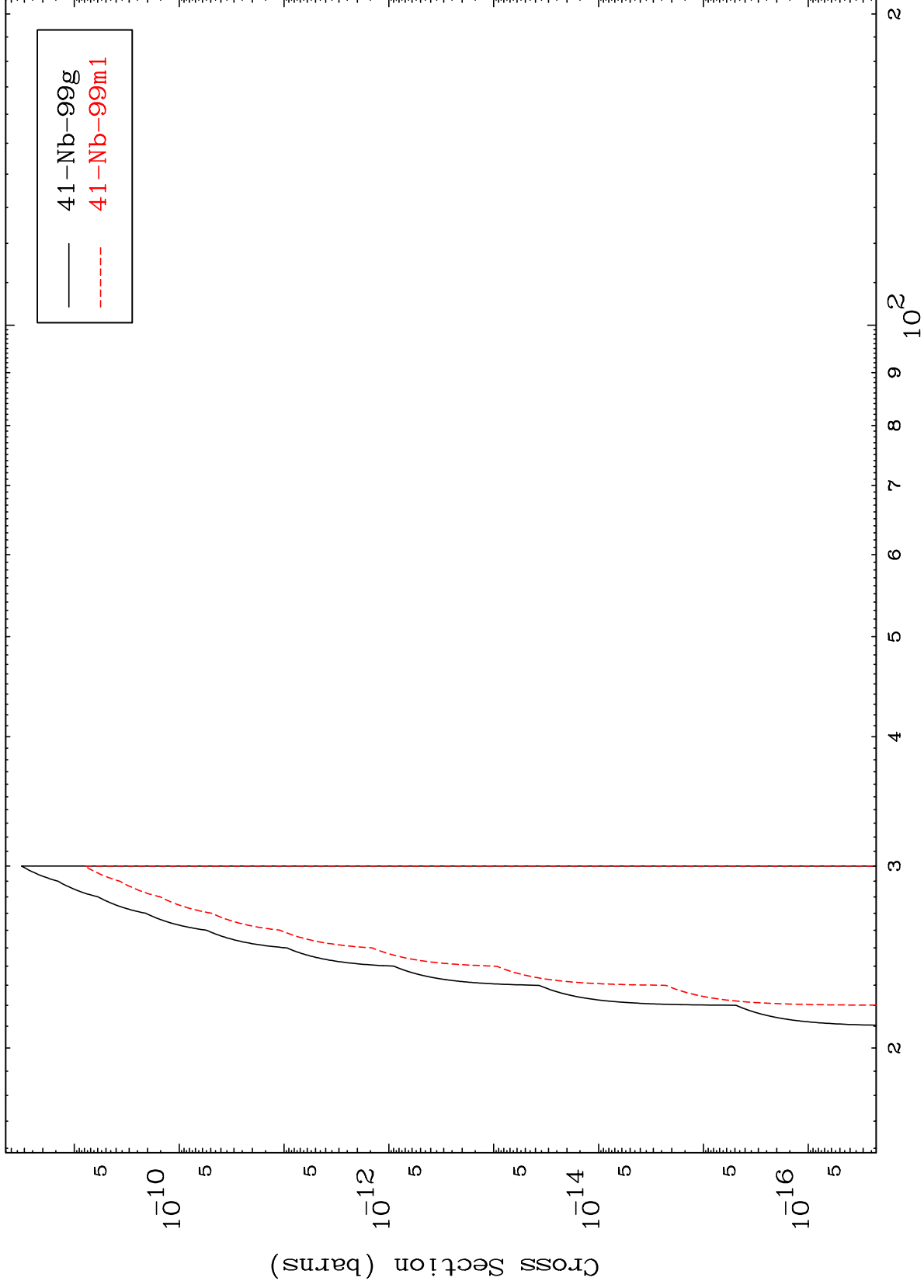
43-Tc-102m

MAT 4335

(n,p) t

43-Tc-102m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

43-Tc-102m