

Program EVALPLOT
(Version 2021-1)

by

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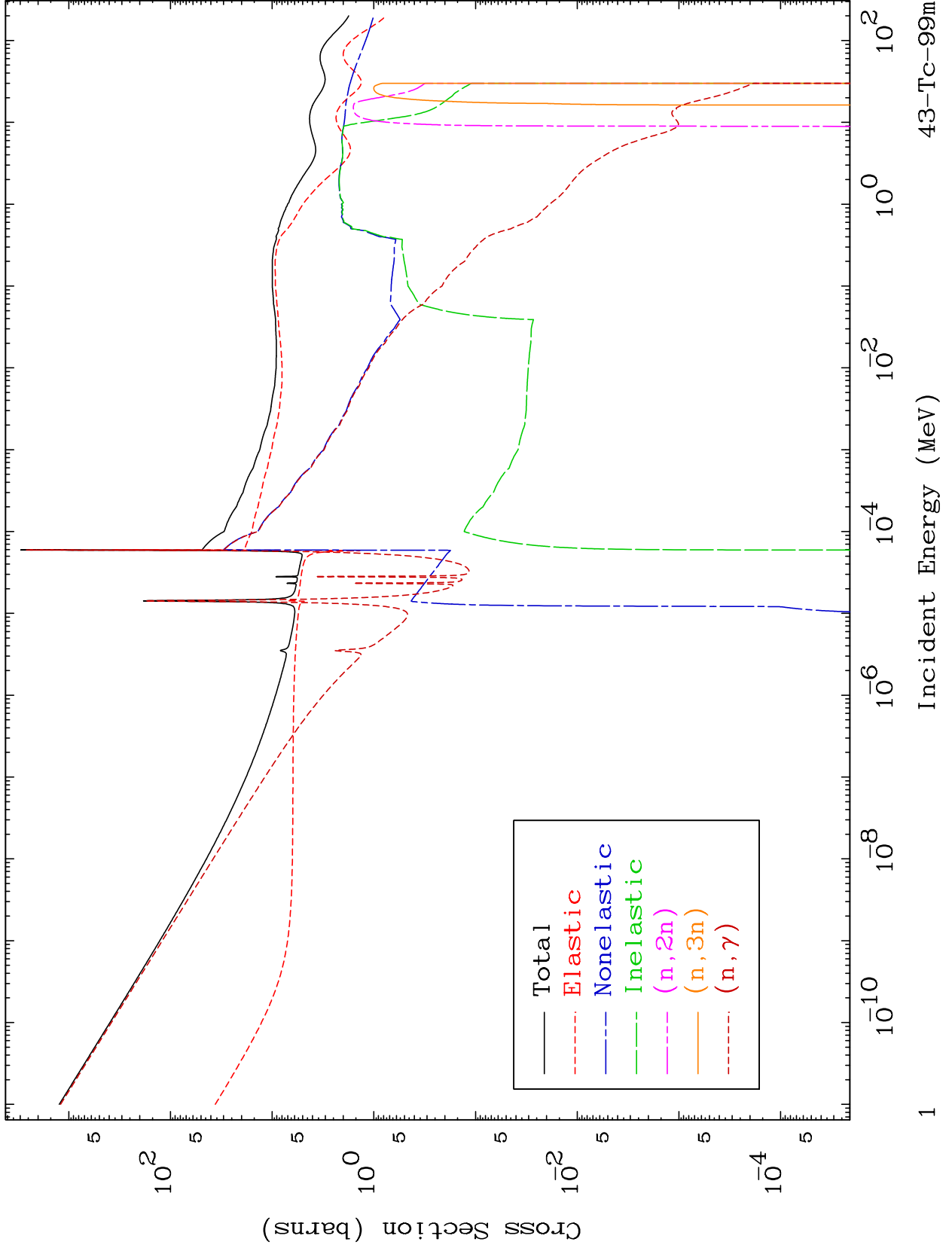
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4326

Neutron Major
293 Kelvin Cross Sections

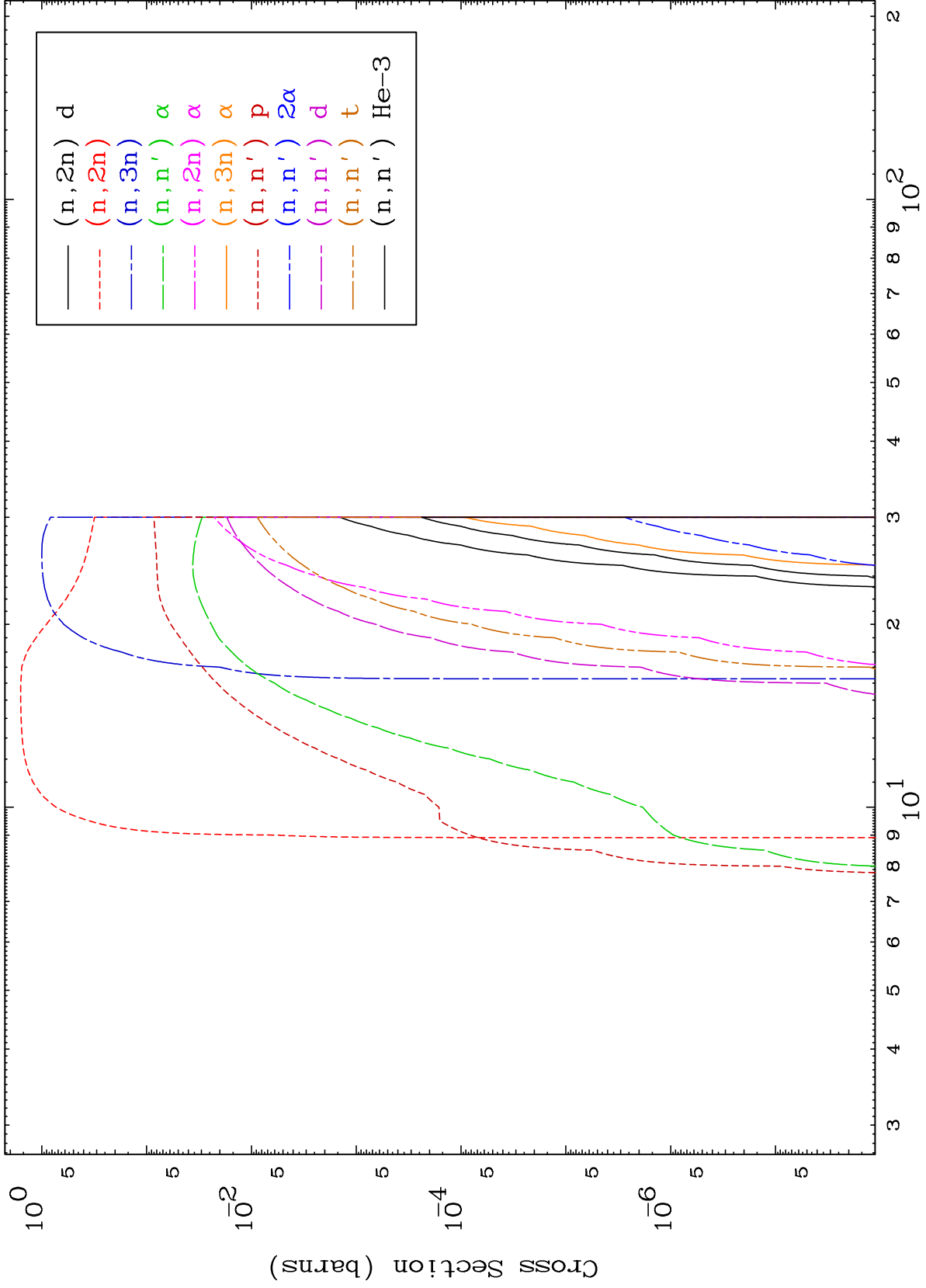
43-Tc-99m



MAT 4326

Neutron Absorption
293 Kelvin Cross Sections

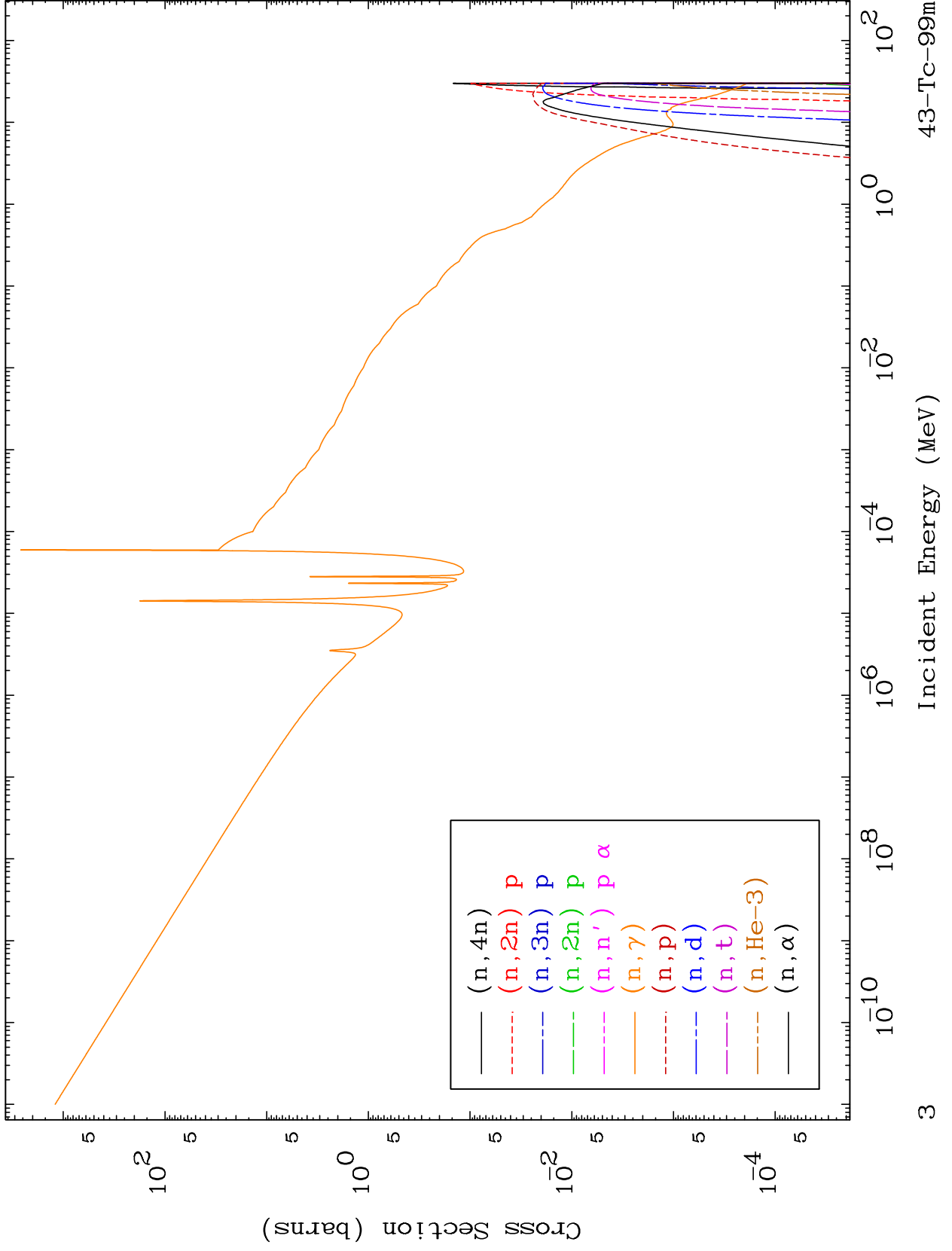
43-Tc-99m



MAT 4326

Neutron Absorption
293 Kelvin Cross Sections

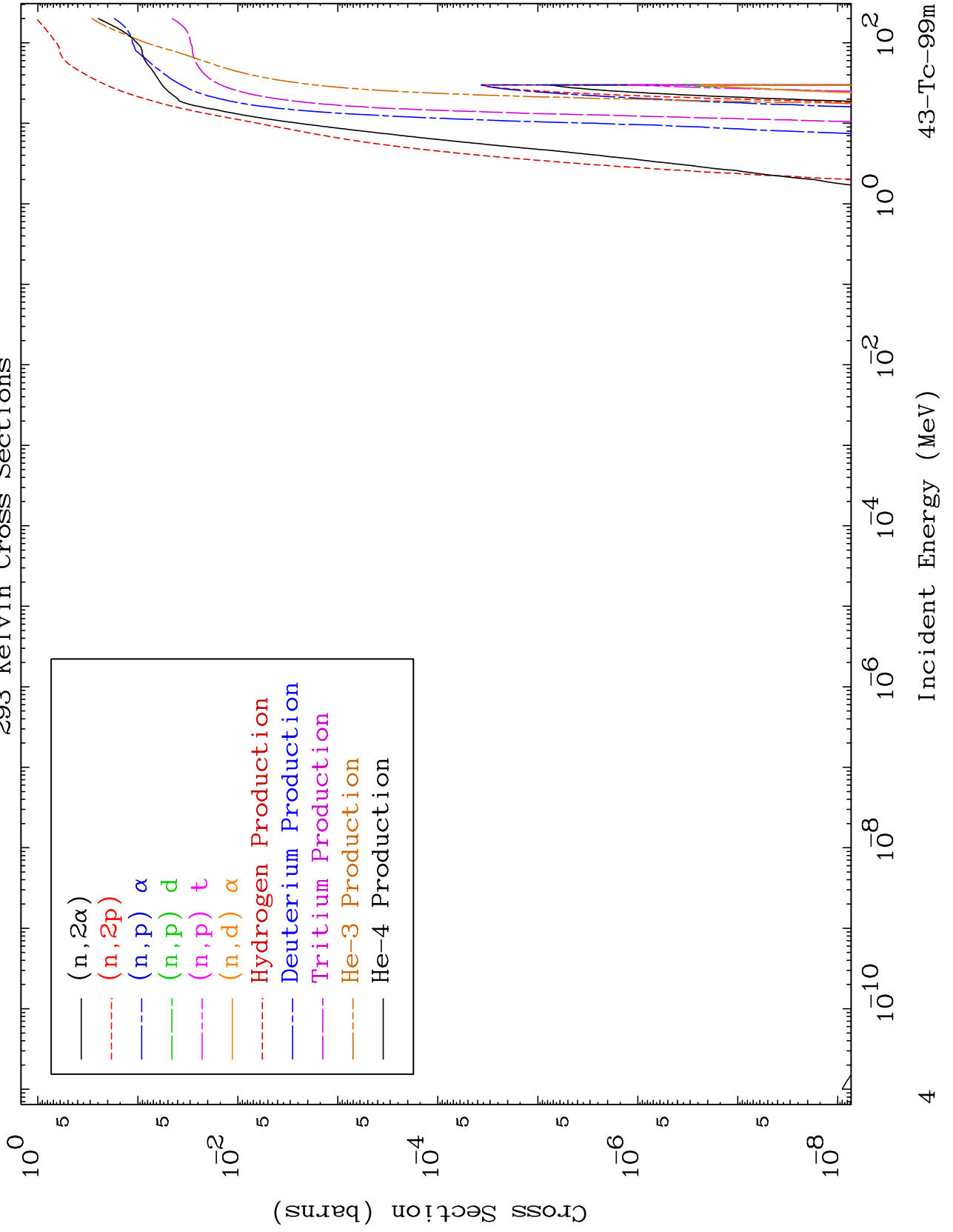
43-Tc-99m



MAT 4326

Neutron Absorption
293 Kelvin Cross Sections

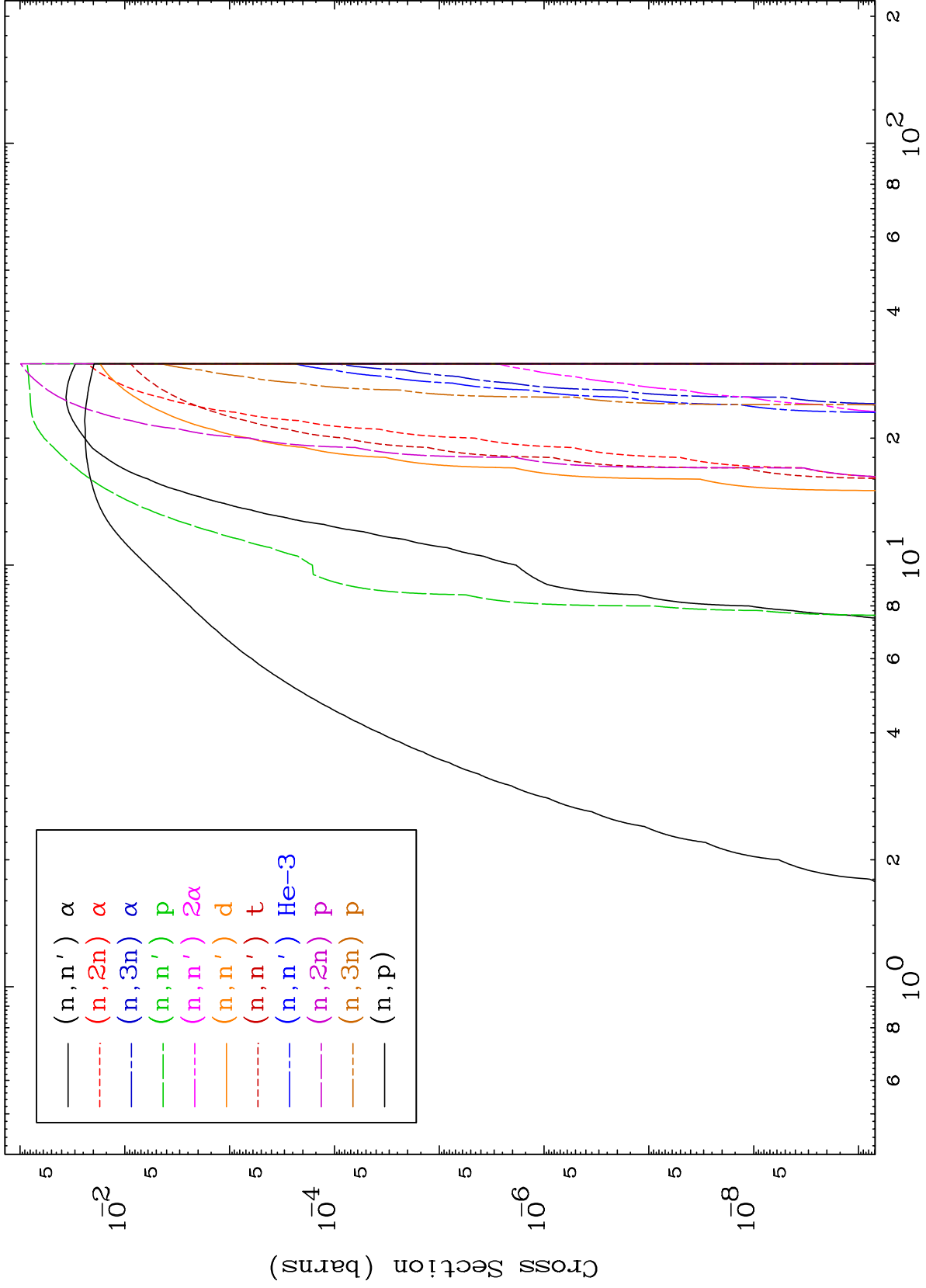
43-Tc-99m



MAT 4326

Charged Particle
293 Kelvin Cross Sections

43-Tc-99m



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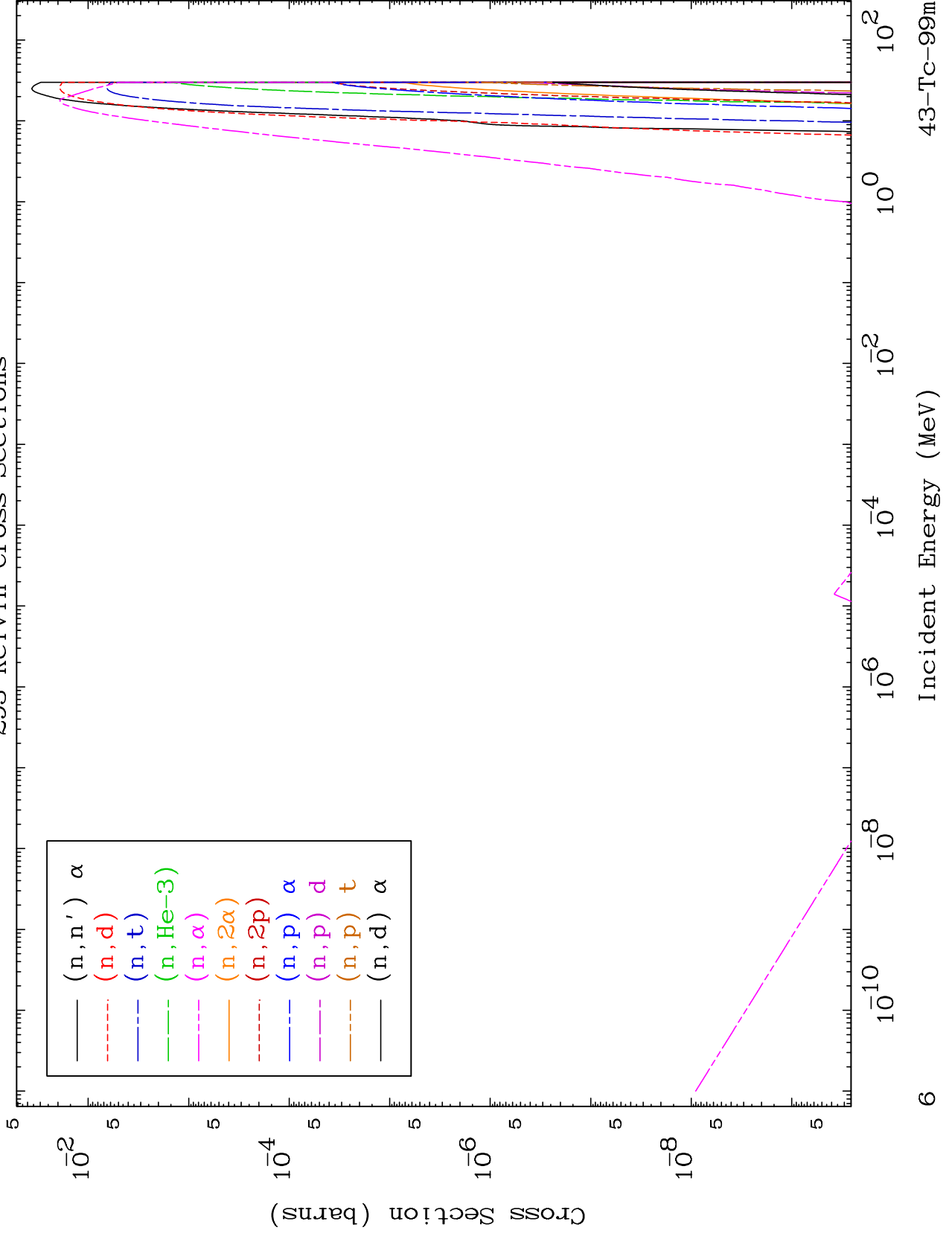
Incident Energy (MeV)

43-Tc-99m

MAT 4326

Charged Particle
293 Kelvin Cross Sections

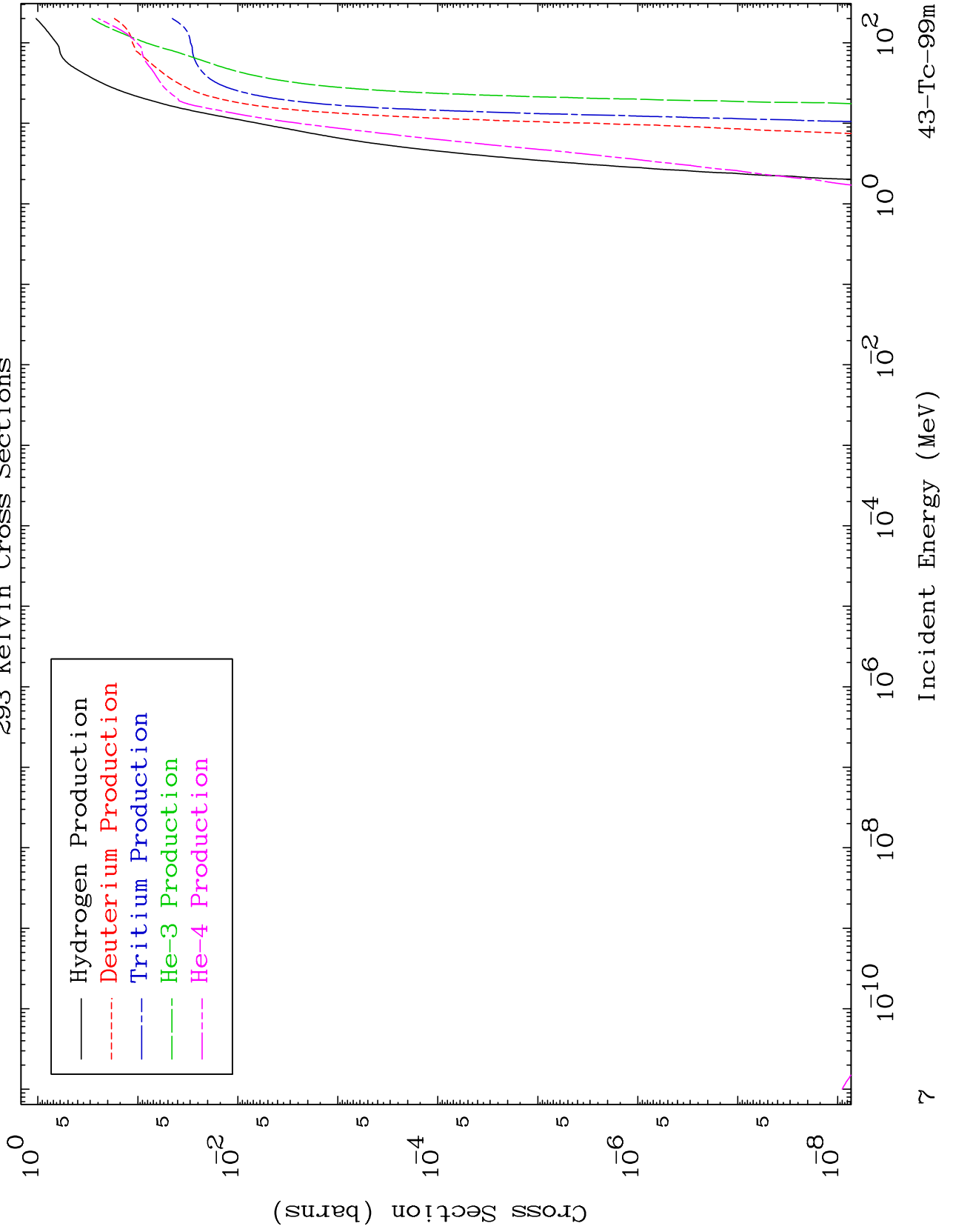
43-Tc-99m



MAT 4326

Particle Production
293 Kelvin Cross Sections

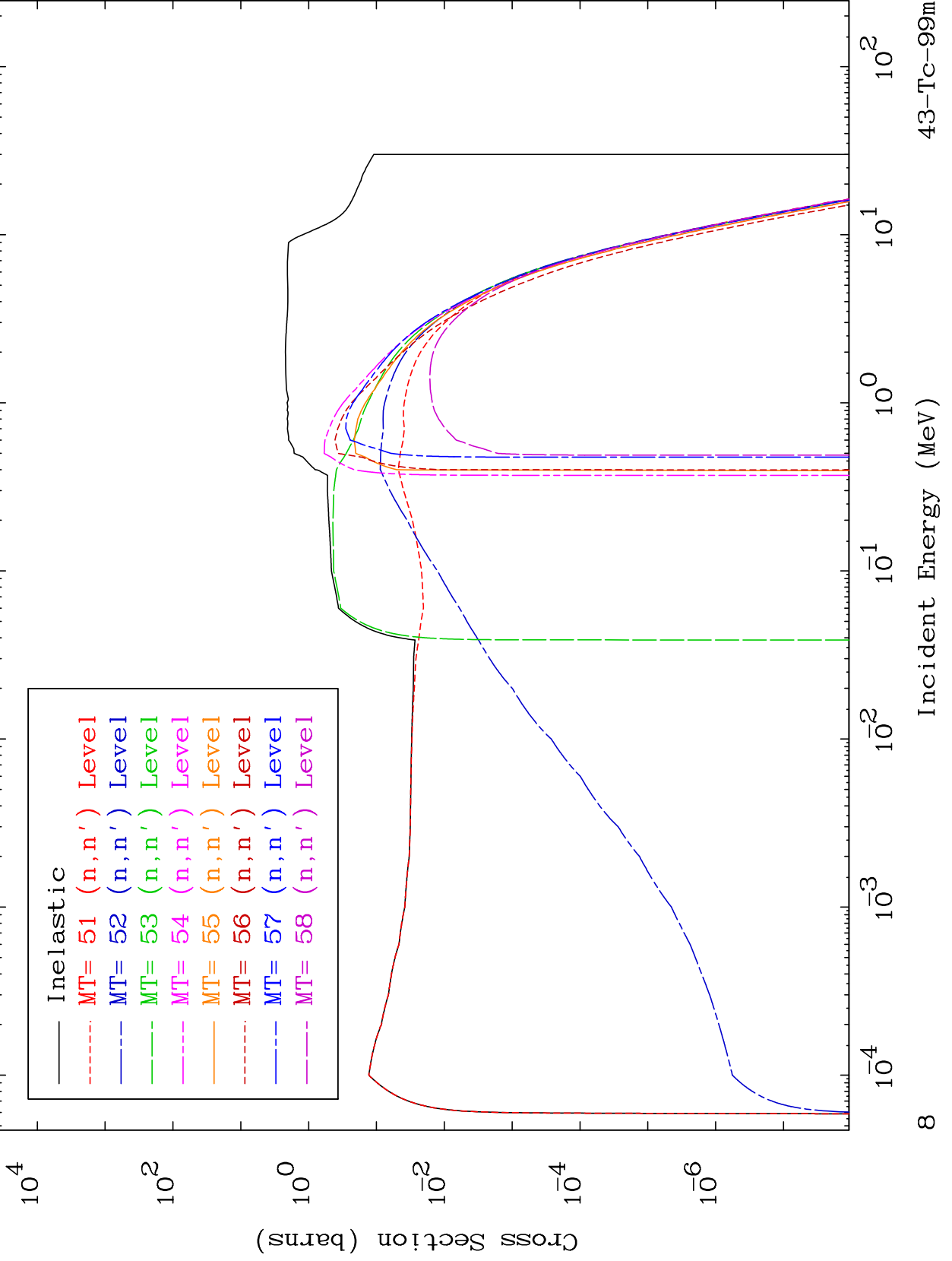
43-Tc-99m



MAT 4326

(n,n') Levels
293 Kelvin Cross Sections

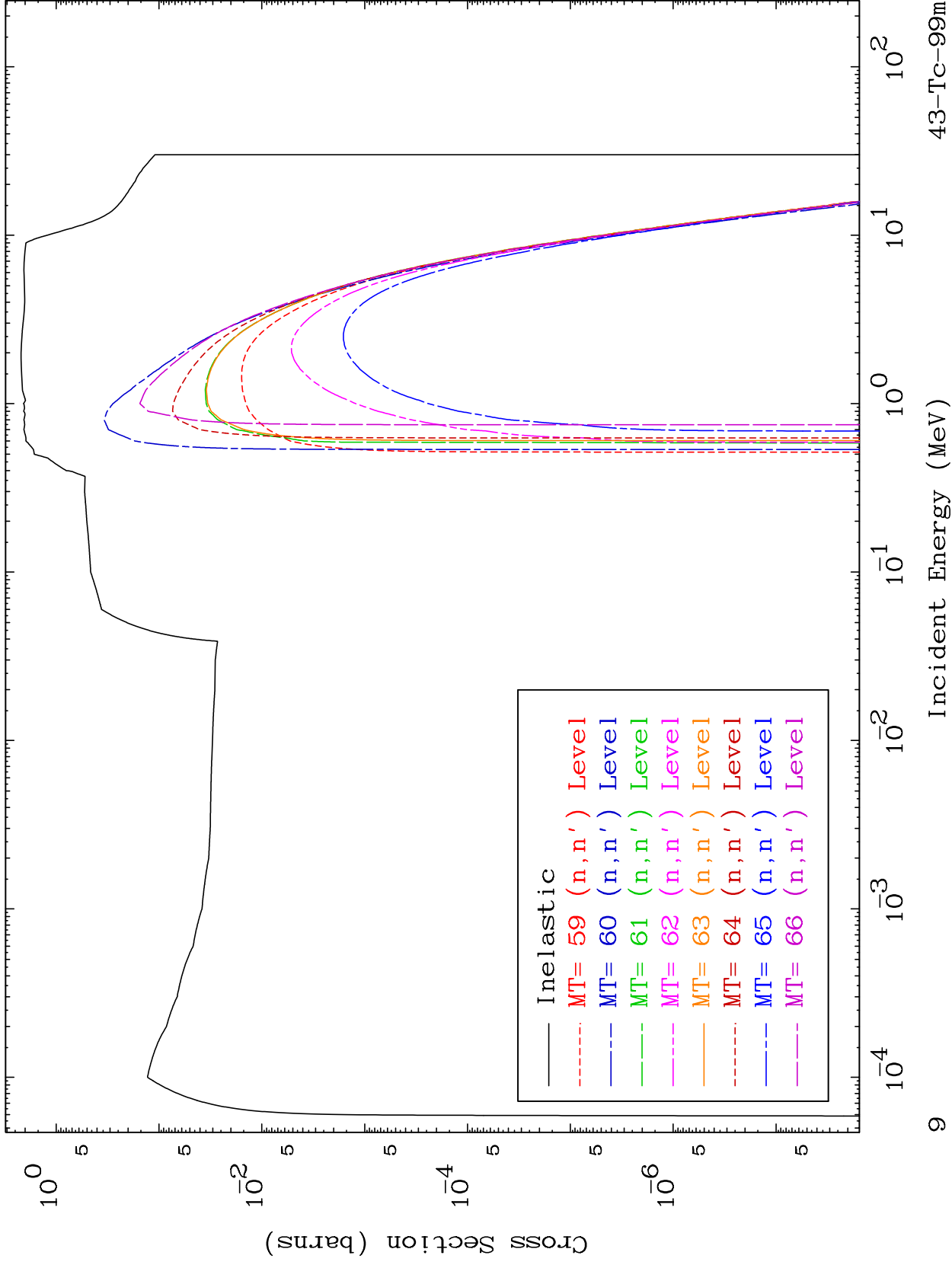
43-Tc-99m



MAT 4326

(n,n') Levels
293 Kelvin Cross Sections

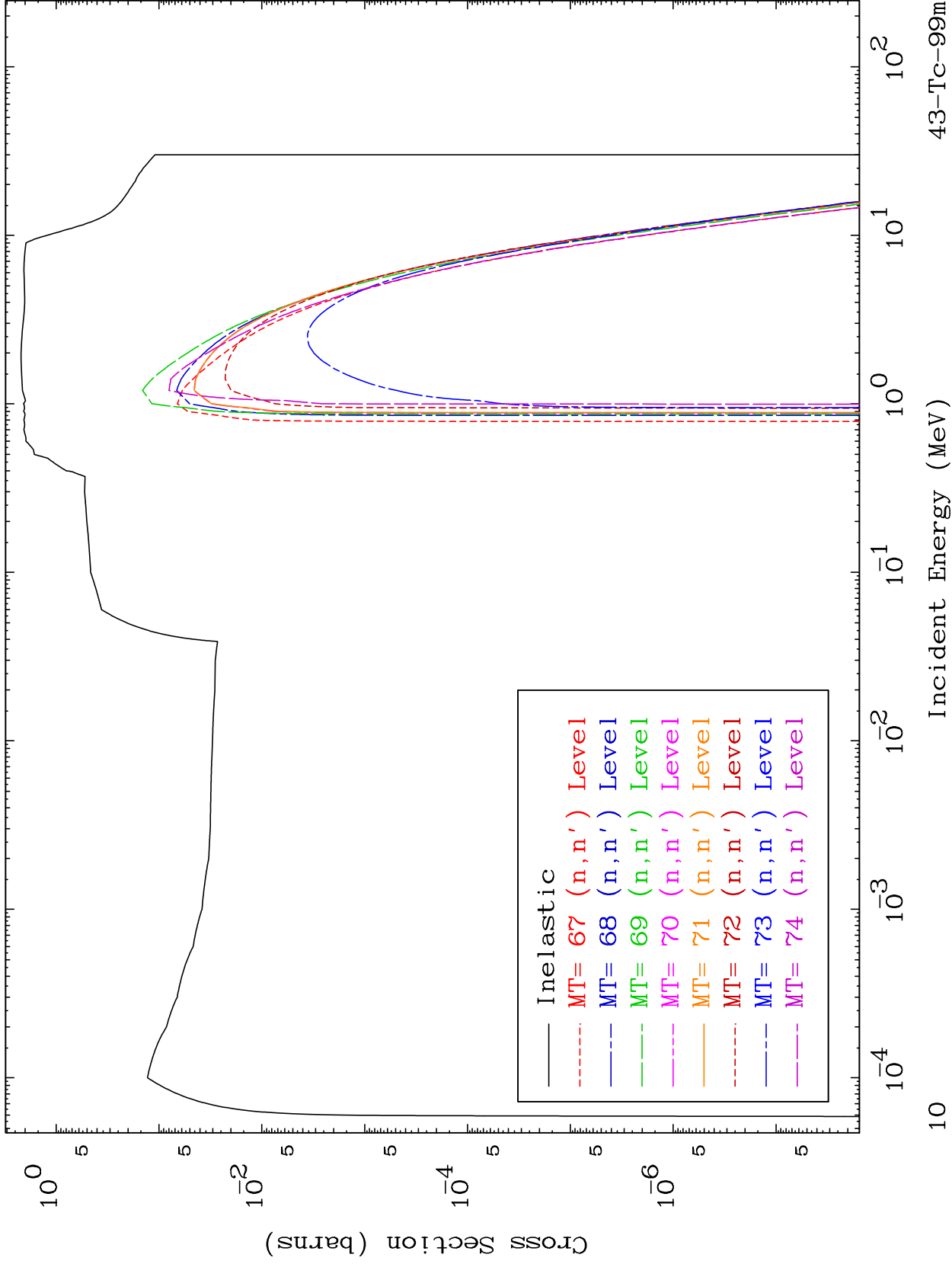
43-Tc-99m



MAT 4326

(n,n') Levels
293 Kelvin Cross Sections

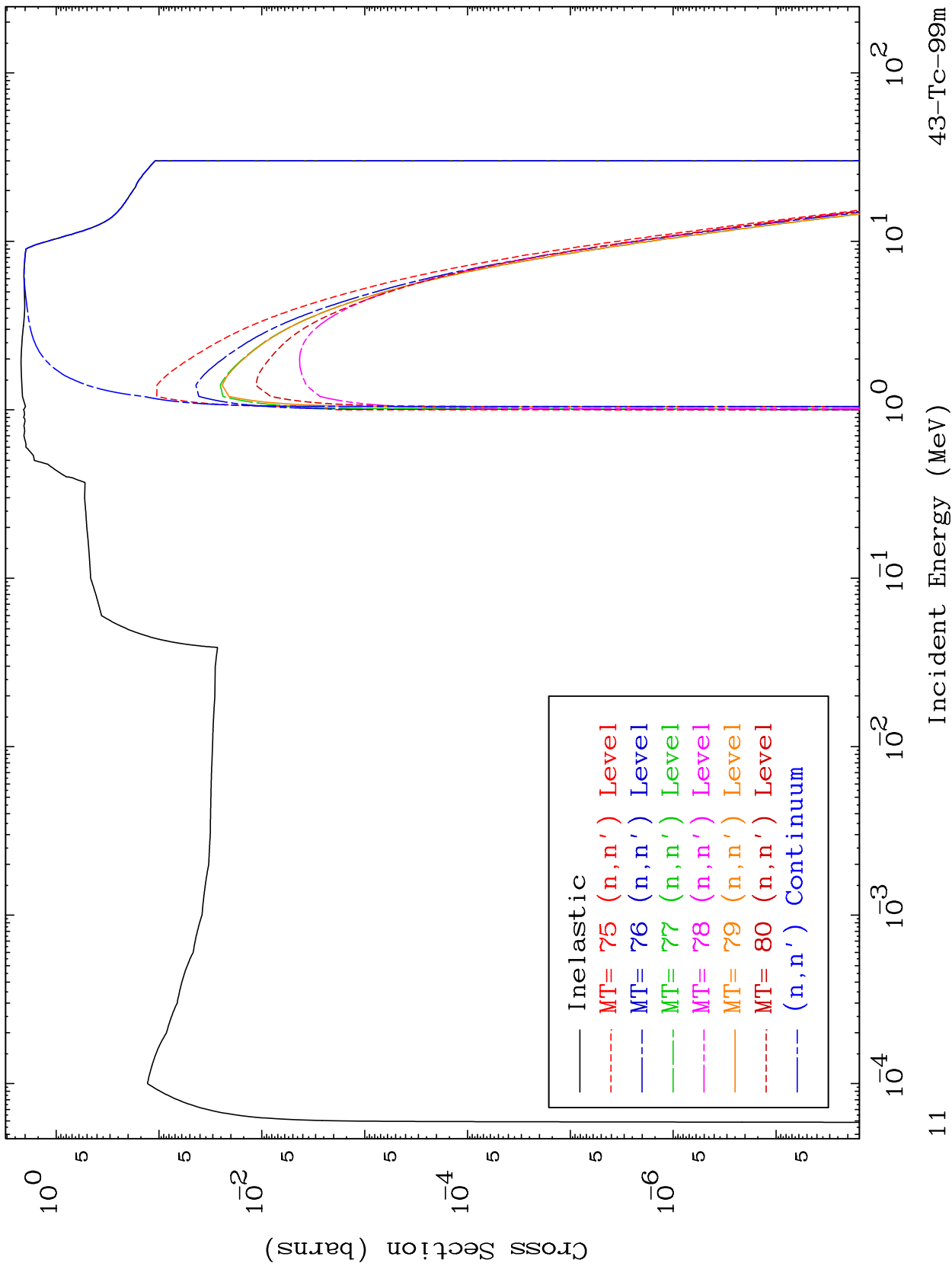
43-Tc-99m



MAT 4326

(n,n') Levels
293 Kelvin Cross Sections

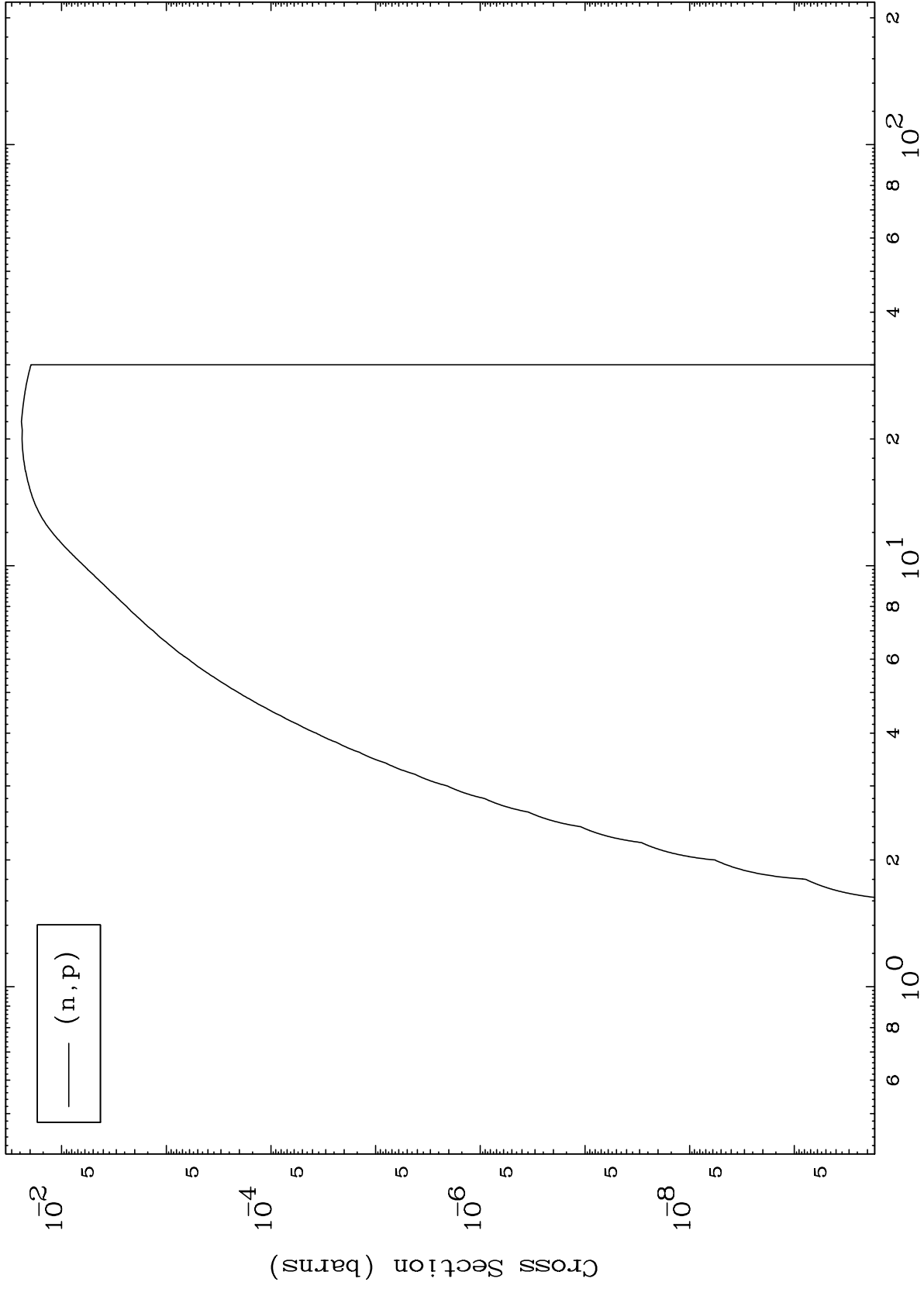
43-Tc-99m



MAT 4326

(n,p) Levels
293 Kelvin Cross Sections

43-Tc-99m



12

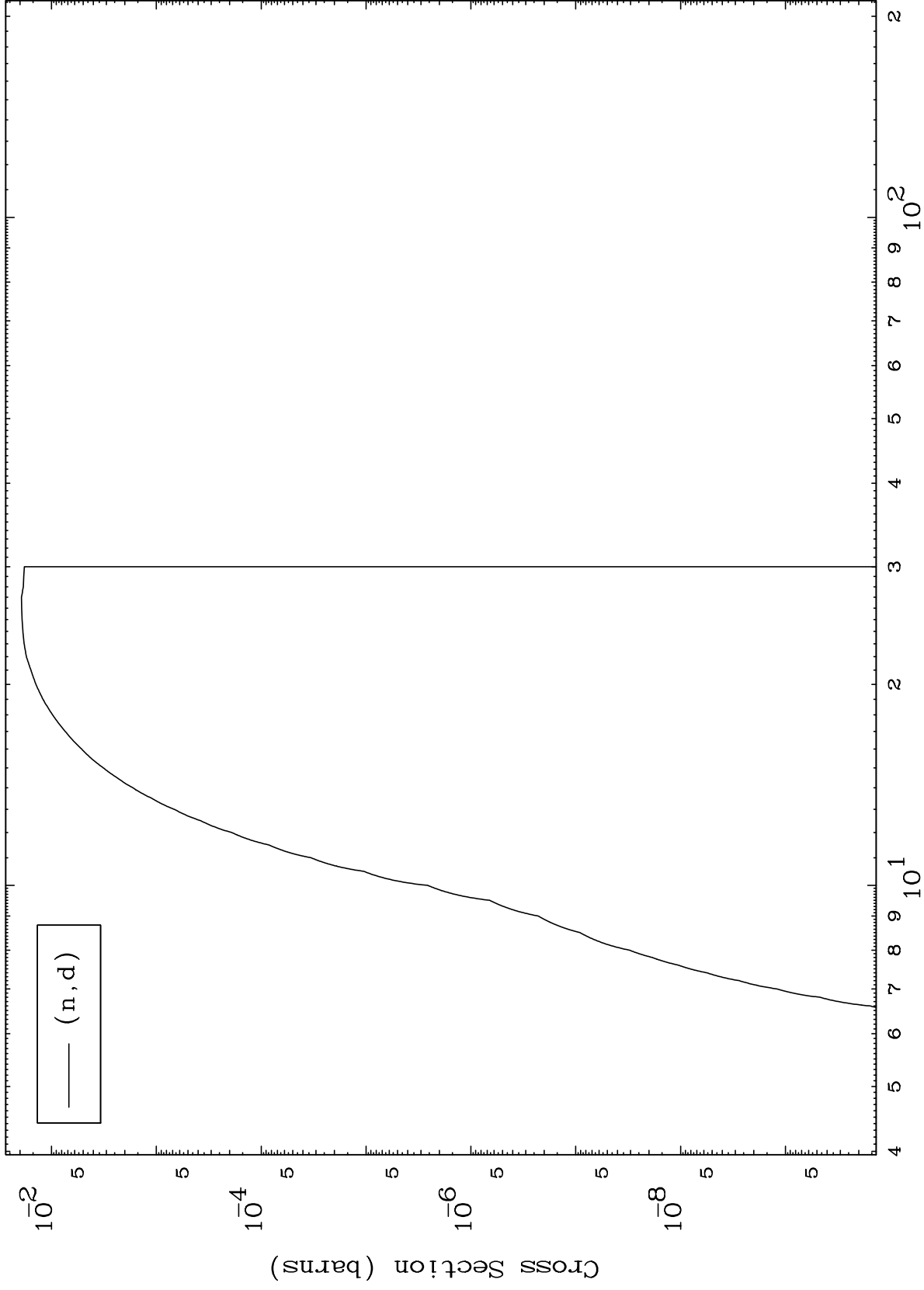
Incident Energy (MeV)

43-Tc-99m

MAT 4326

(n,d) Levels
293 Kelvin Cross Sections

43-Tc-99m



13

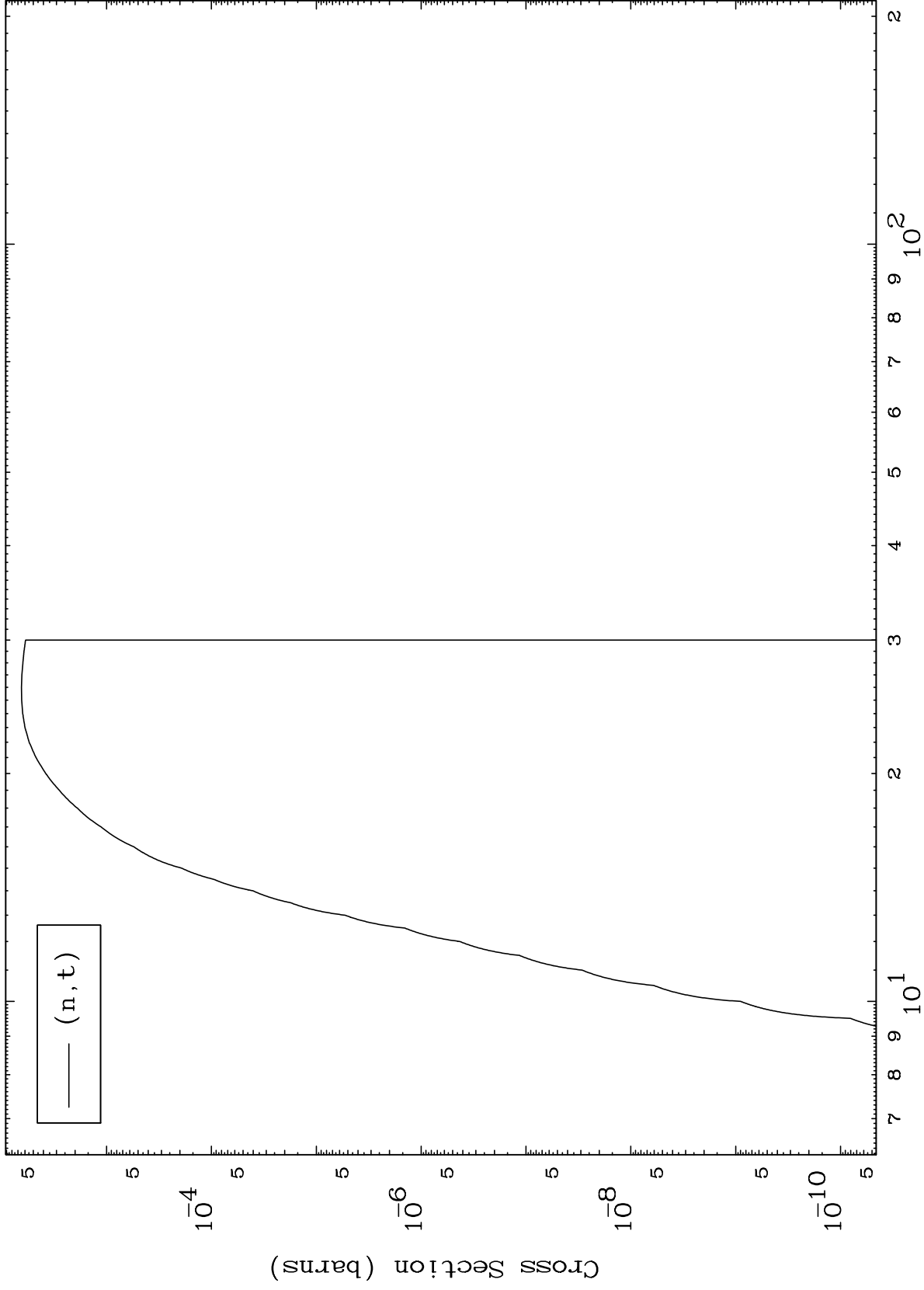
Incident Energy (MeV)

43-Tc-99m

MAT 4326

(n, t) Levels
293 Kelvin Cross Sections

43-Tc-99m



14

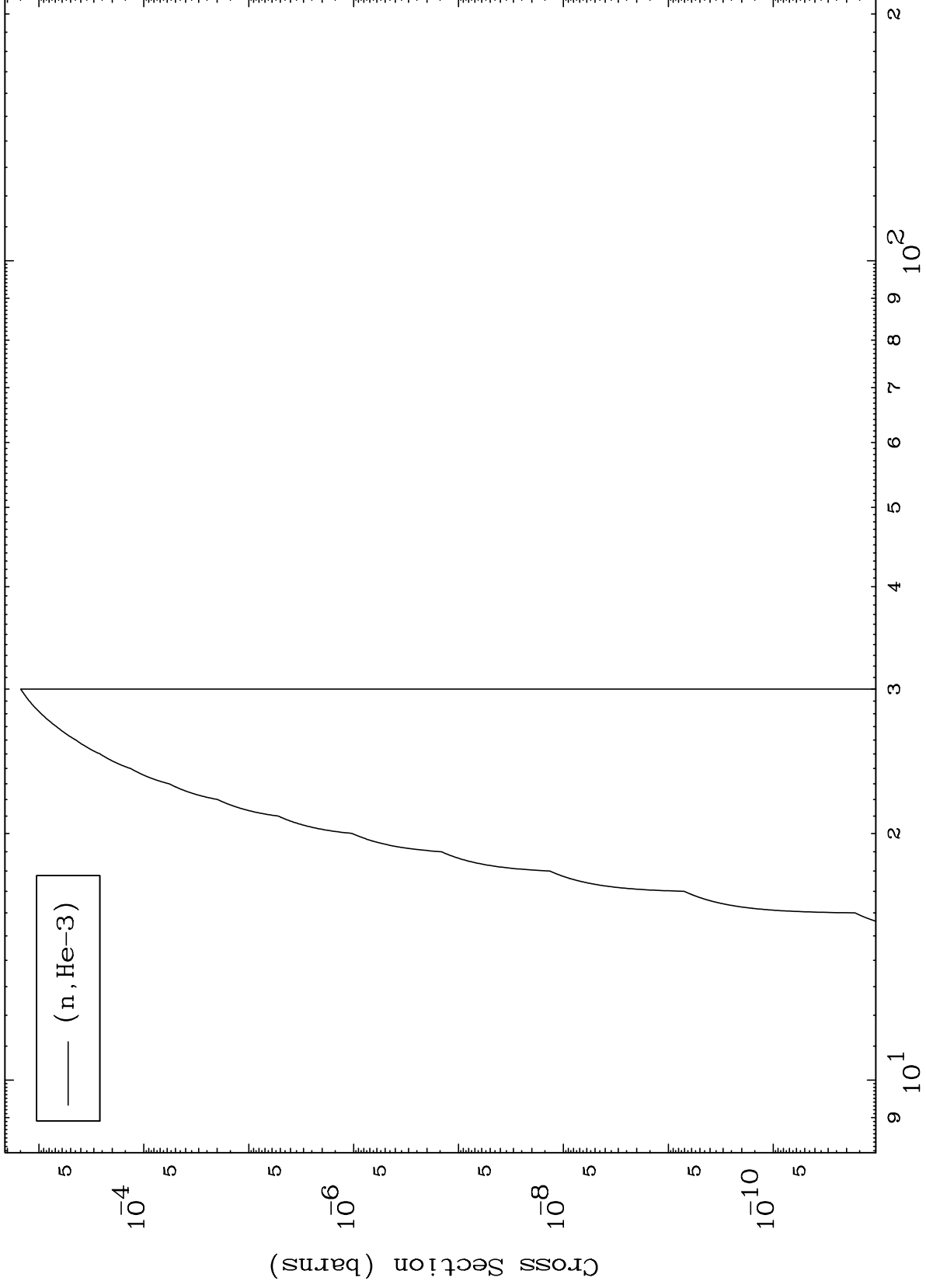
Incident Energy (MeV)

43-Tc-99m

MAT 4326

(n,He3) Levels
293 Kelvin Cross Sections

43-Tc-99m



15

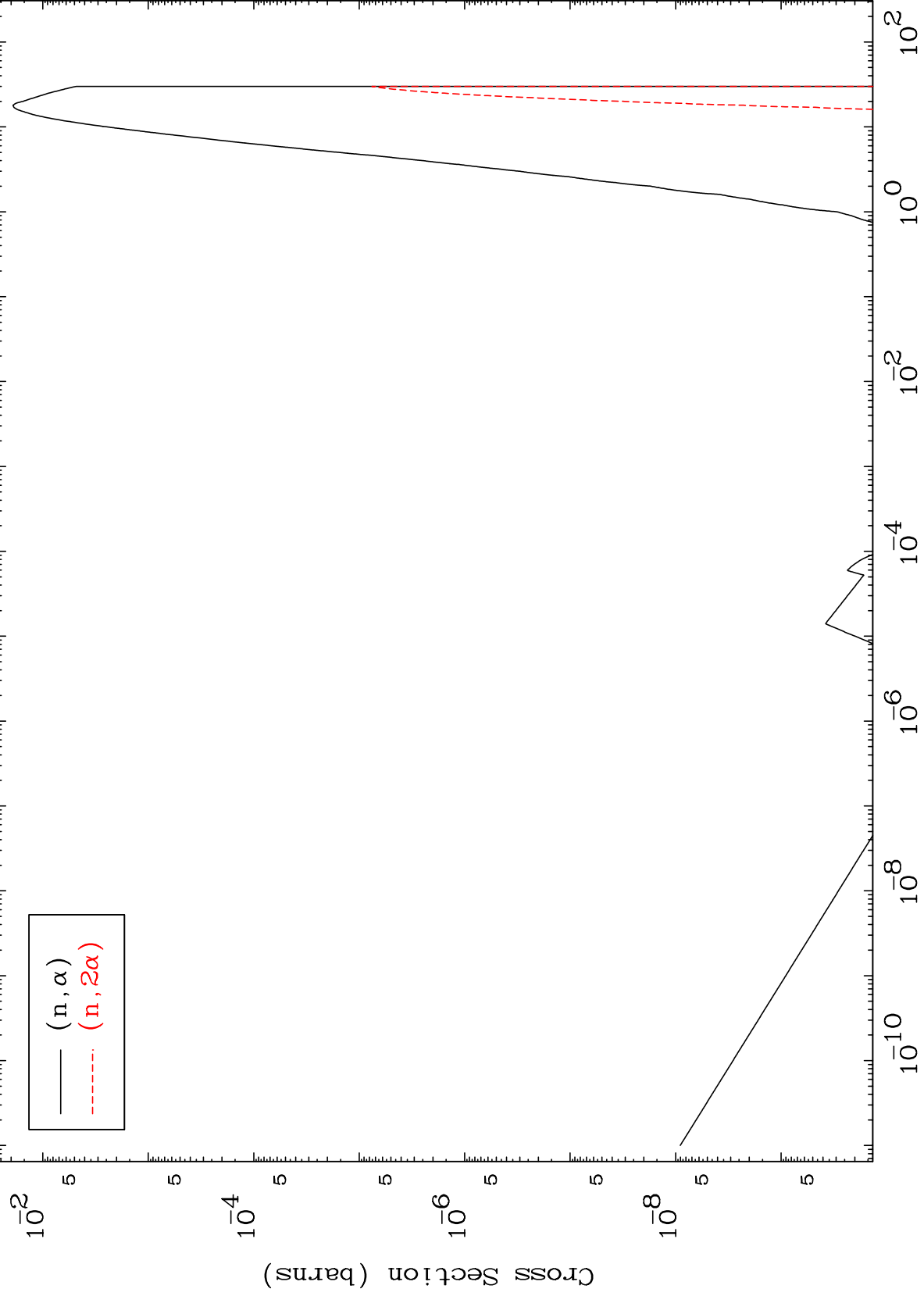
Incident Energy (MeV)

43-Tc-99m

MAT 4326

(n, α) Levels
293 Kelvin Cross Sections

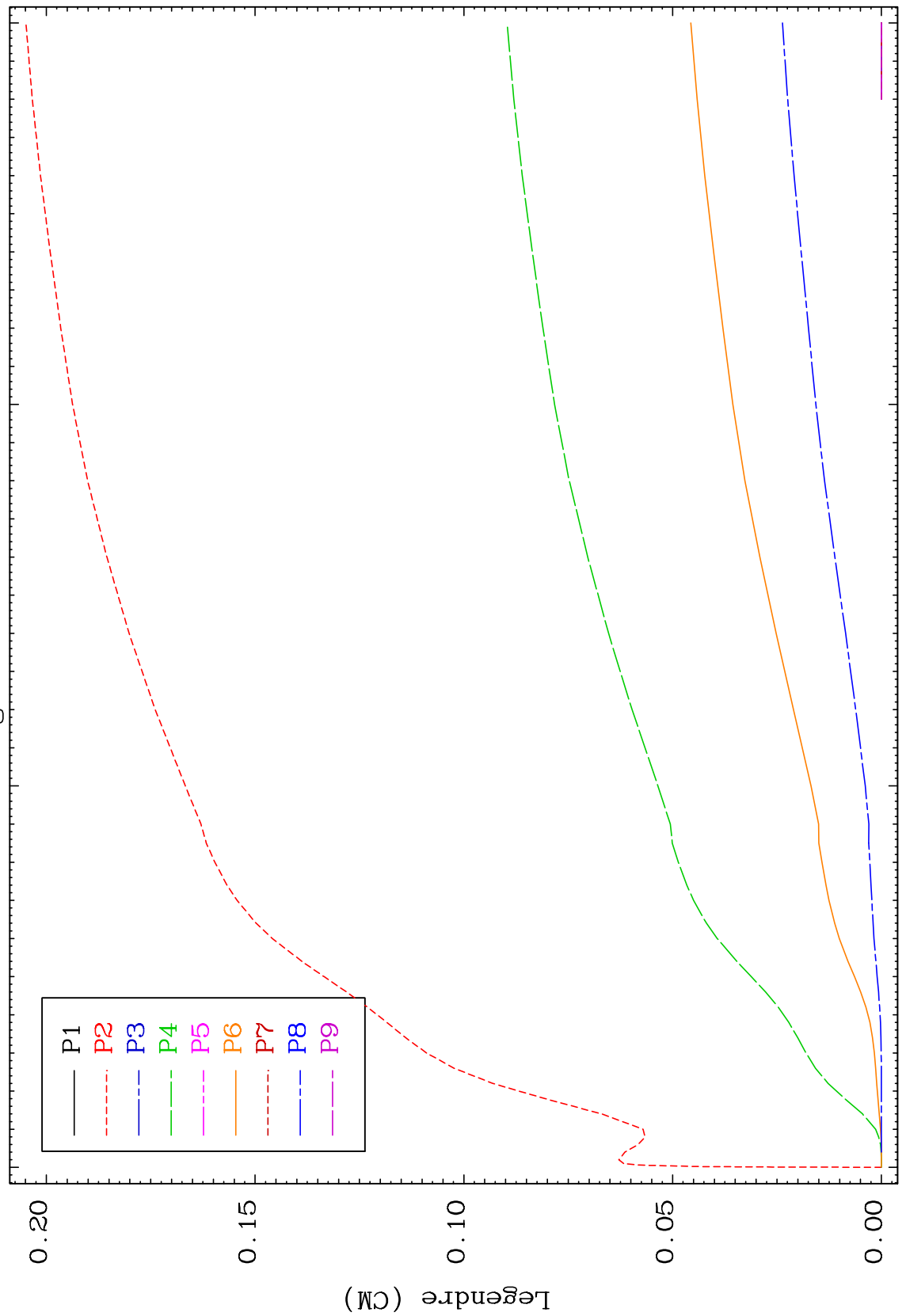
43-Tc-99m



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Elastic Legendre Coefficients

⁴³Tc-99m



17

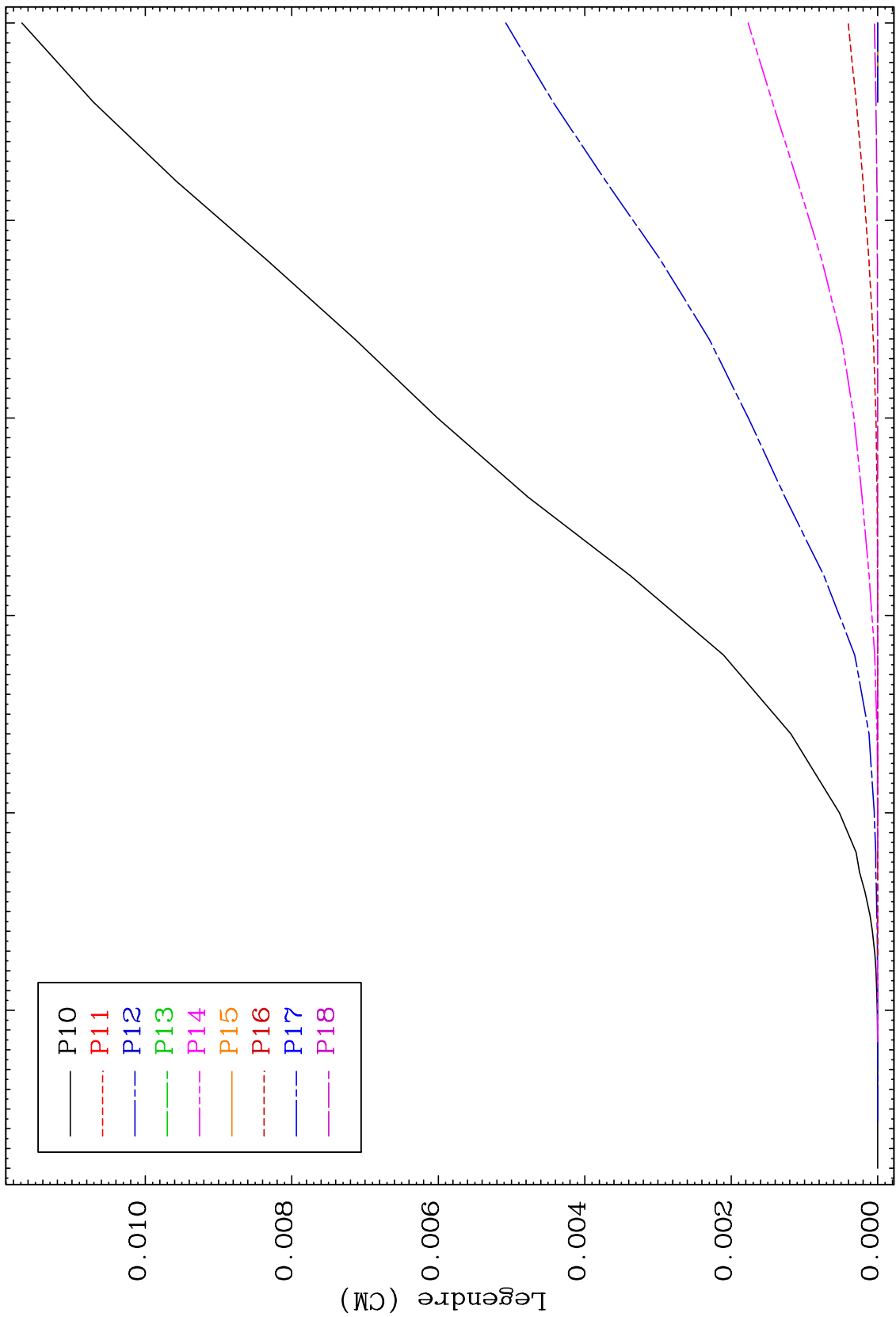
Incident Energy (MeV)

⁴³Tc-99m

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Elastic Legendre Coefficients

43-Tc-99m



18

43-Tc-99m

Incident Energy (MeV)

MAT 4326

Elastic Legendre Coefficients

43-Tc-99m



19

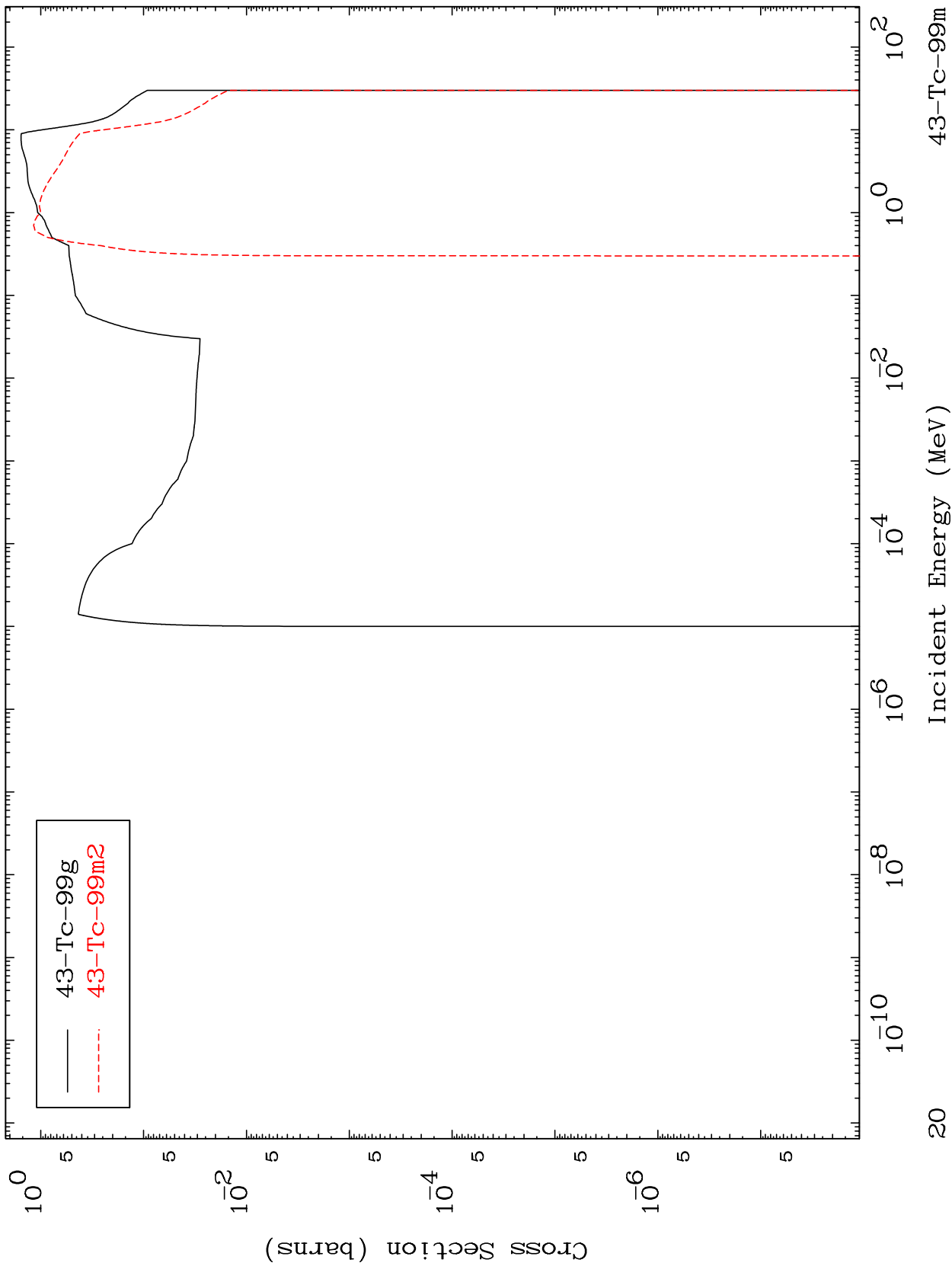
Incident Energy (MeV)

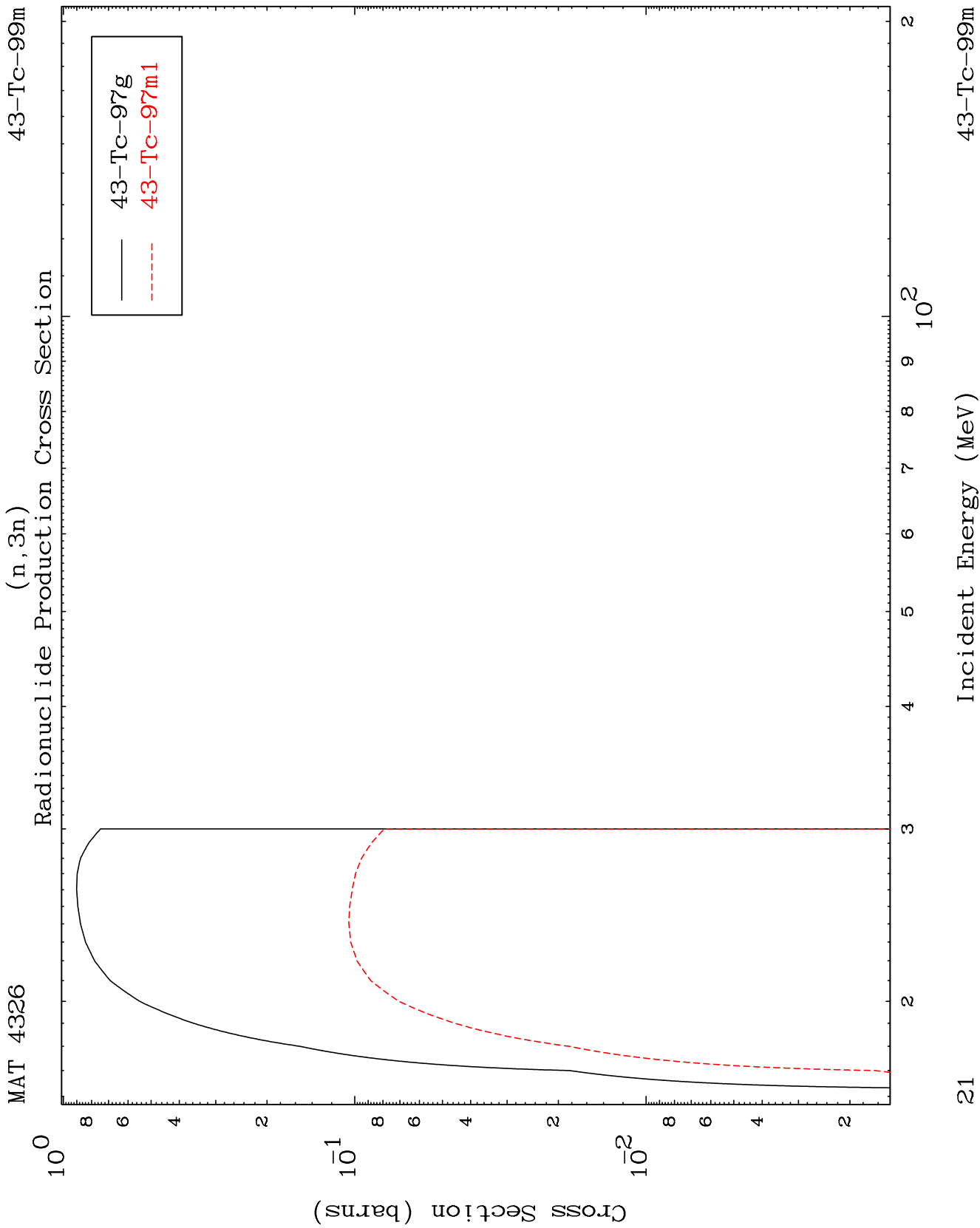
43-Tc-99m

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43-Tc-99m

Inelastic
Radionuclide Production Cross Section



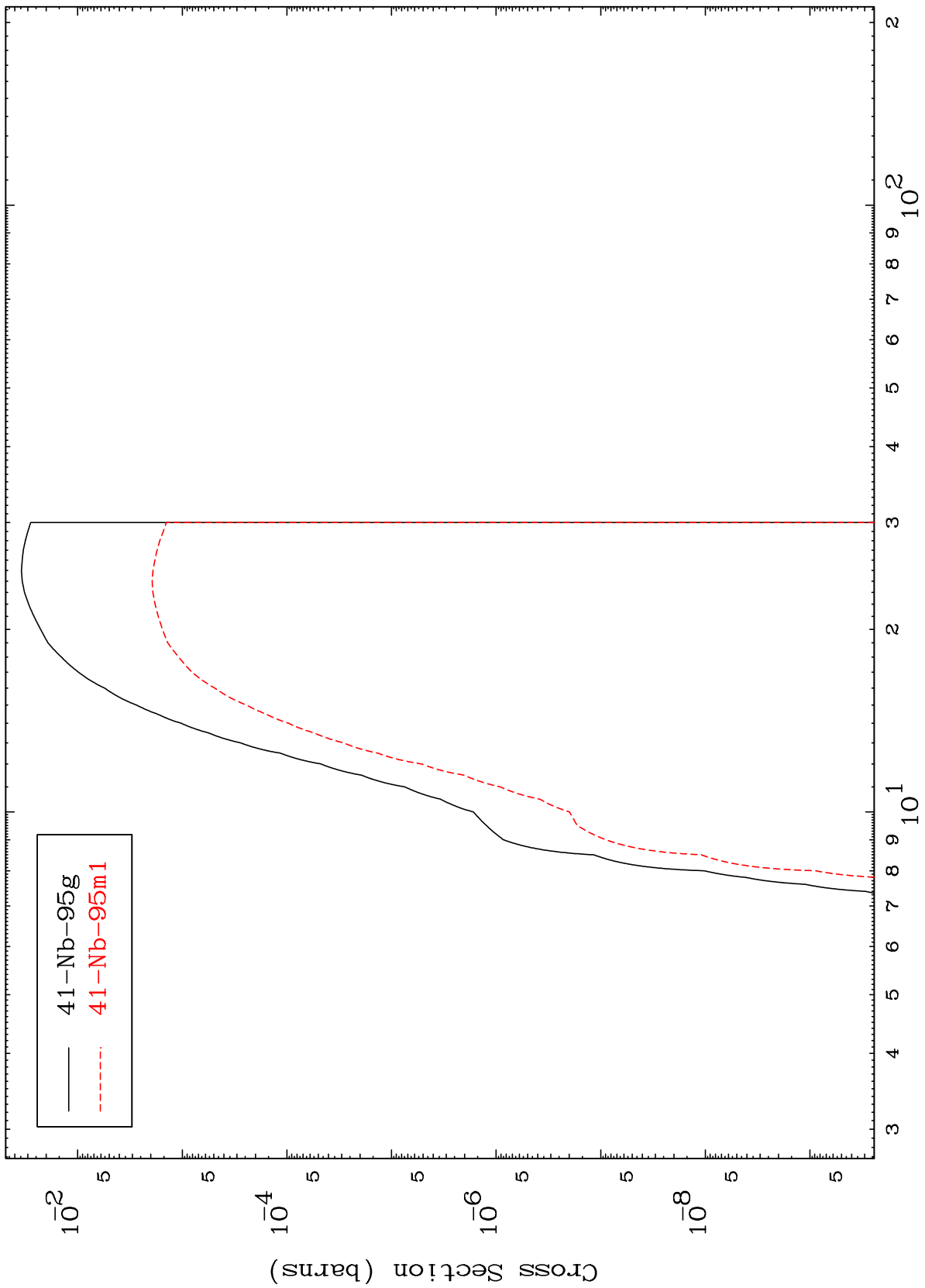


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$(n, n') \alpha$

$^{43}\text{Tc-99m}$

Radionuclide Production Cross Section



22

Incident Energy (MeV)

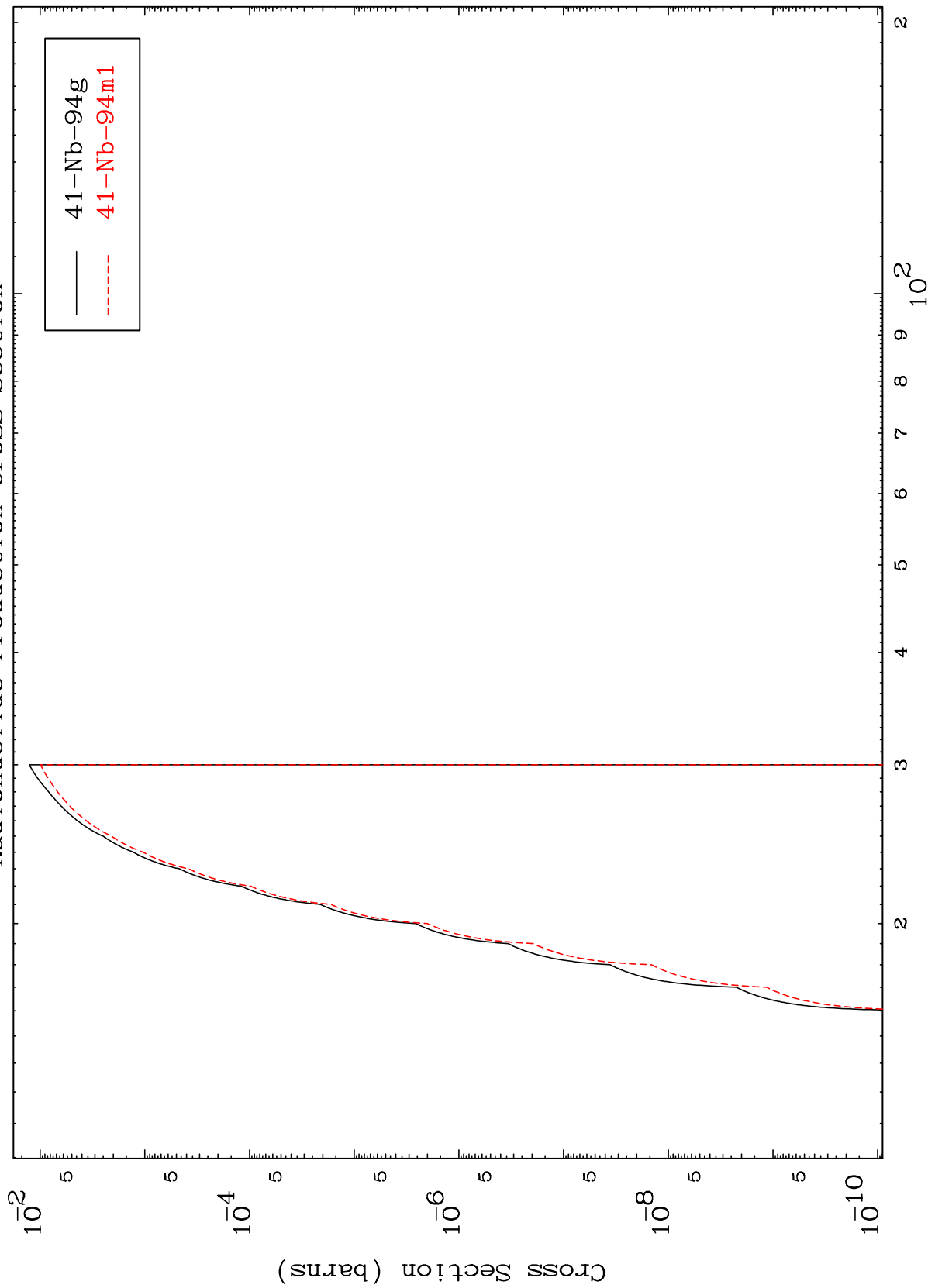
$^{43}\text{Tc-99m}$

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(n,2n) α

43-Tc-99m

Radionuclide Production Cross Section



23

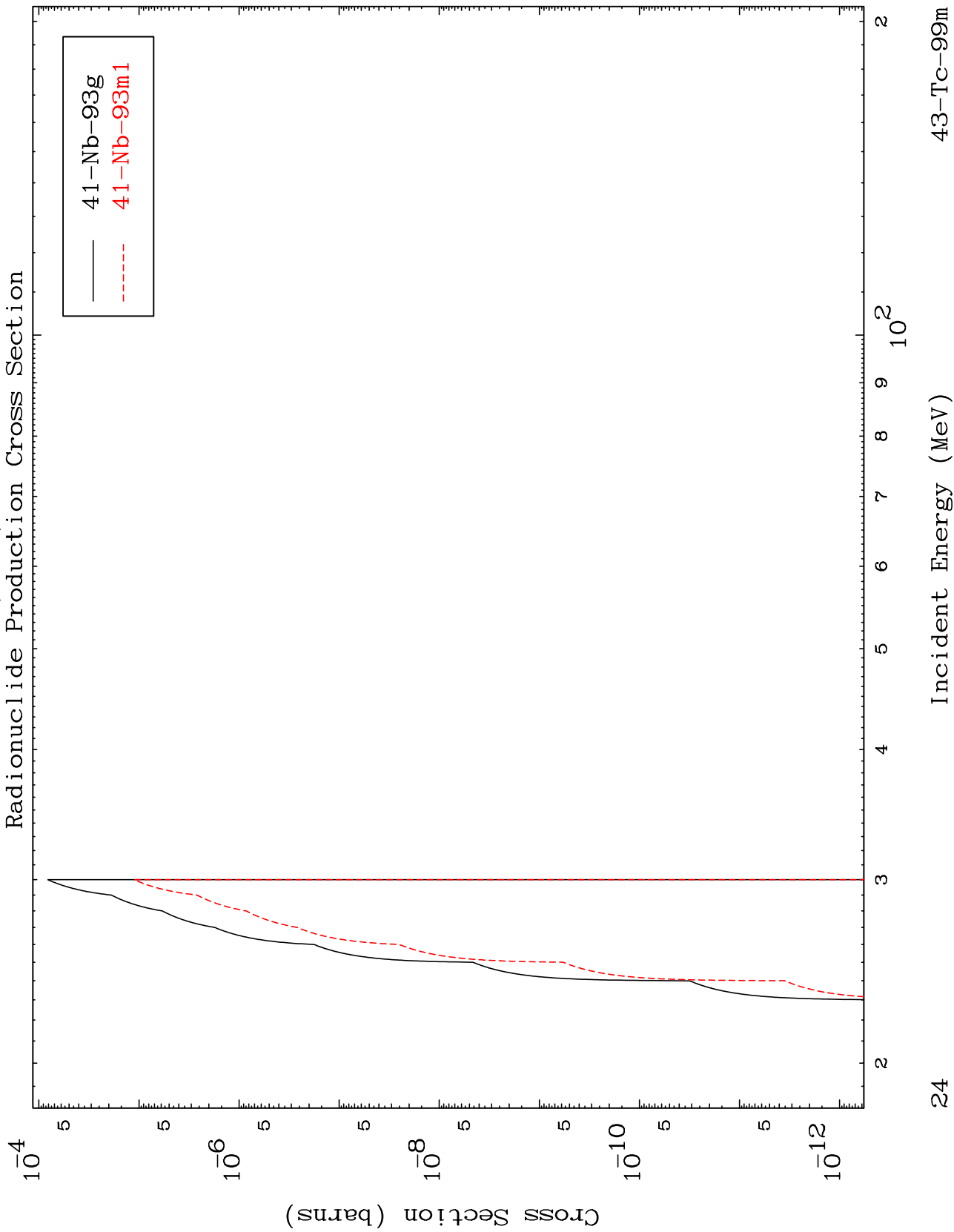
Incident Energy (MeV)

43-Tc-99m

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(n,3n) α

43-Tc-99m



24

Incident Energy (MeV)

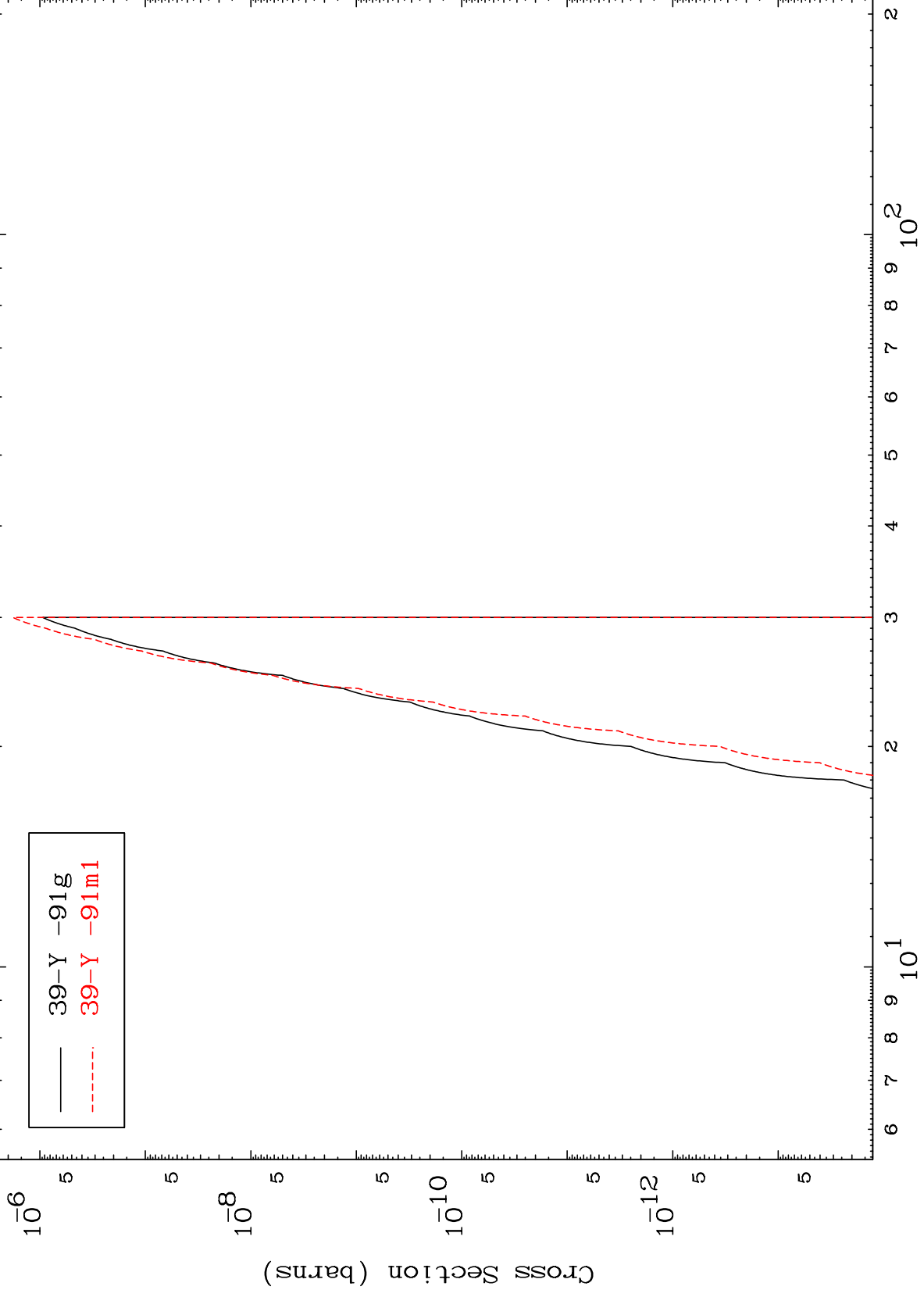
43-Tc-99m

MAT 4326

(n,n') 2α

43-Tc-99m

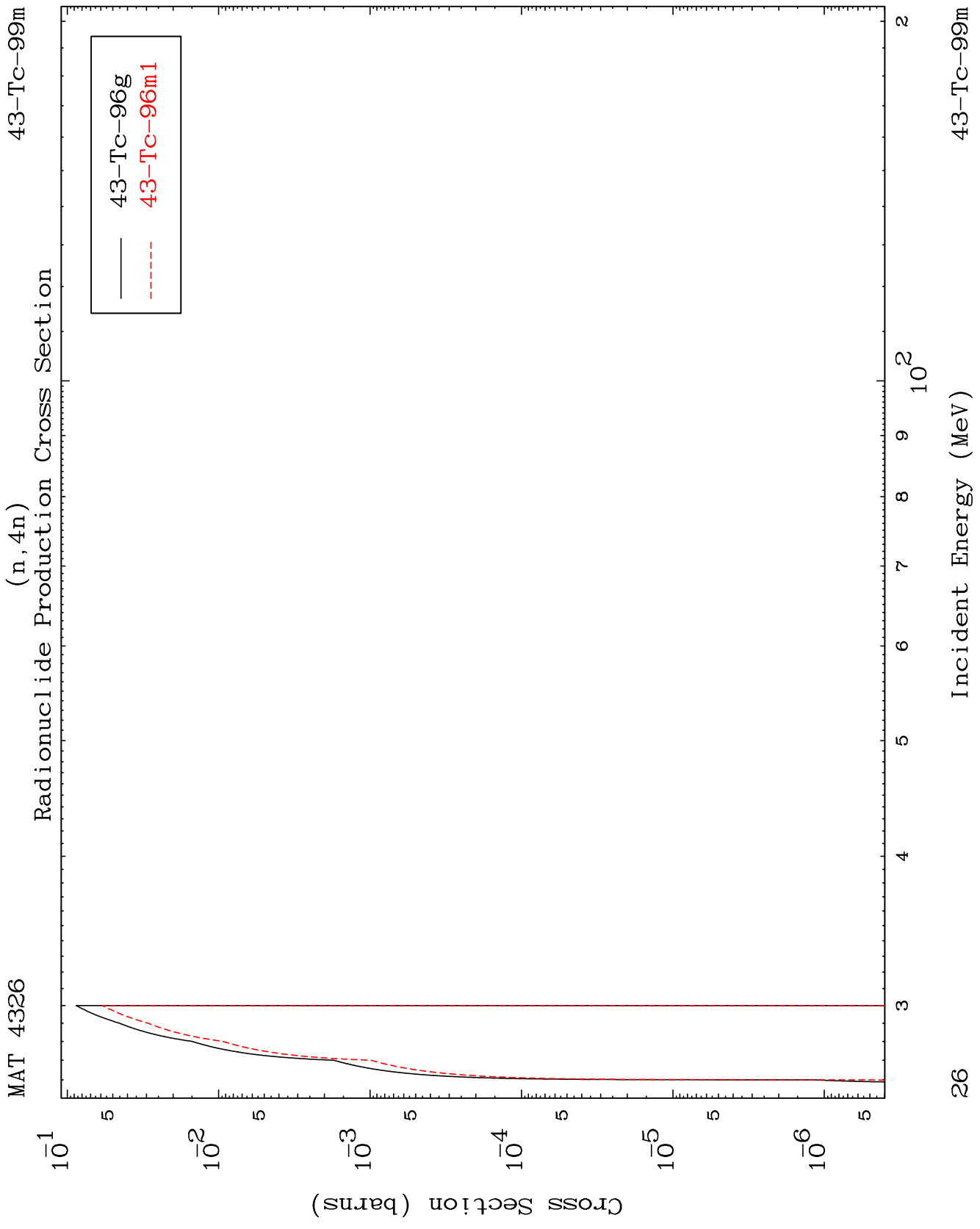
Radionuclide Production Cross Section



25

Incident Energy (MeV)

43-Tc-99m

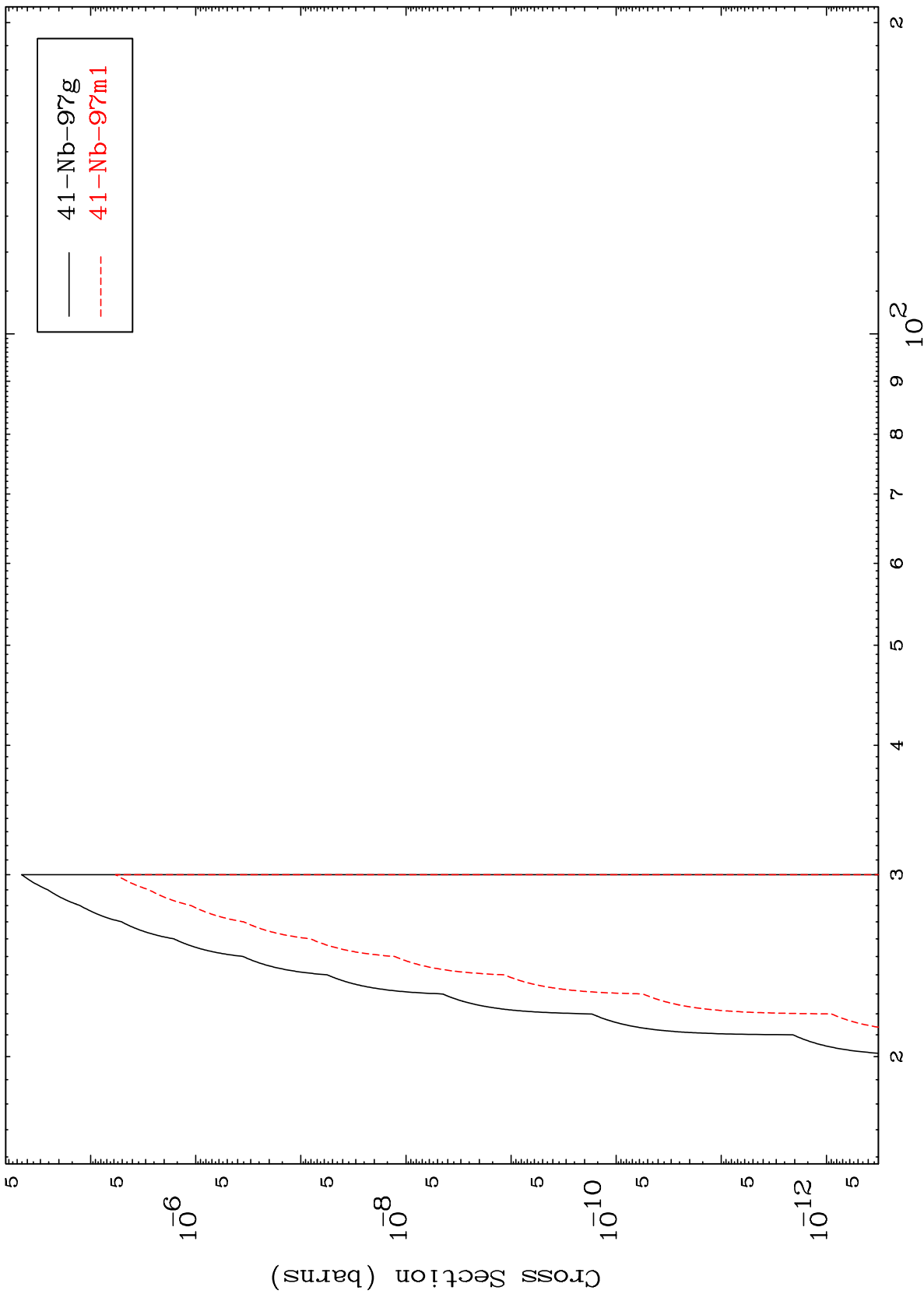


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(n,2n) p

43-Tc-99m

Radionuclide Production Cross Section



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

27

Incident Energy (MeV)

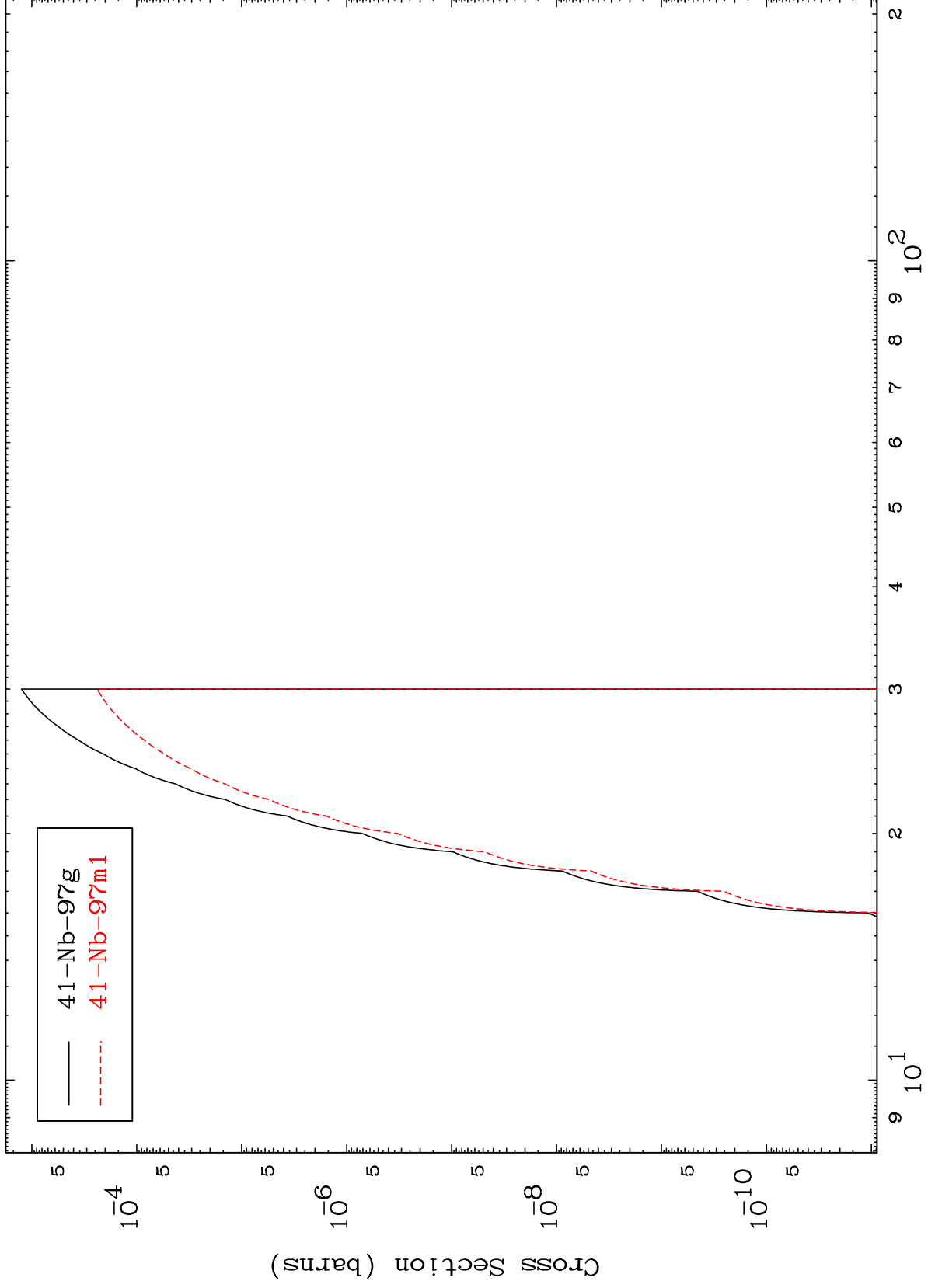
43-Tc-99m

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(n,He-3)

43-Tc-99m

Radionuclide Production Cross Section



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

28

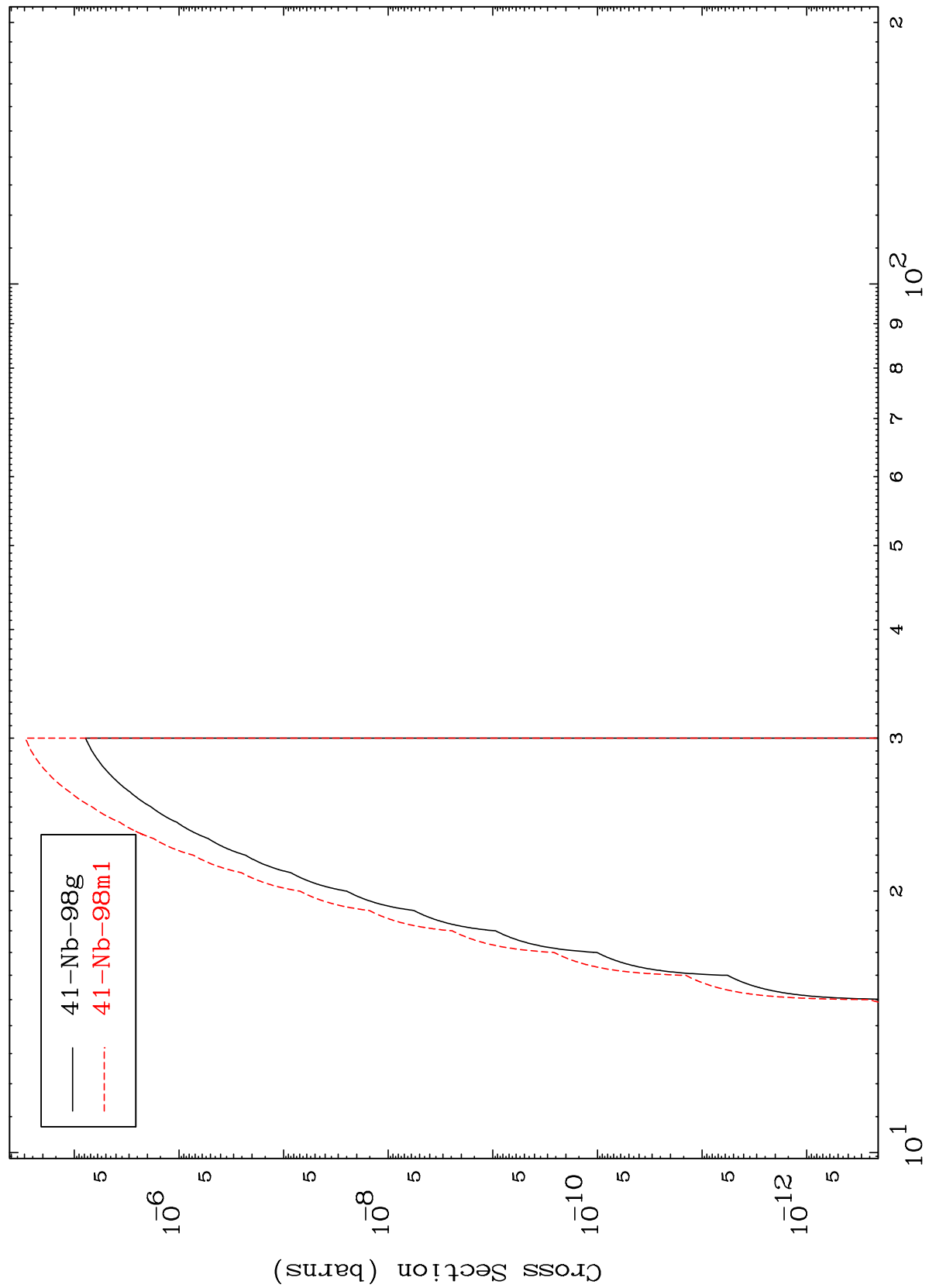
Incident Energy (MeV)

43-Tc-99m

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43-Tc-99m

(n,2p)
Radionuclide Production Cross Section



43-Tc-99m

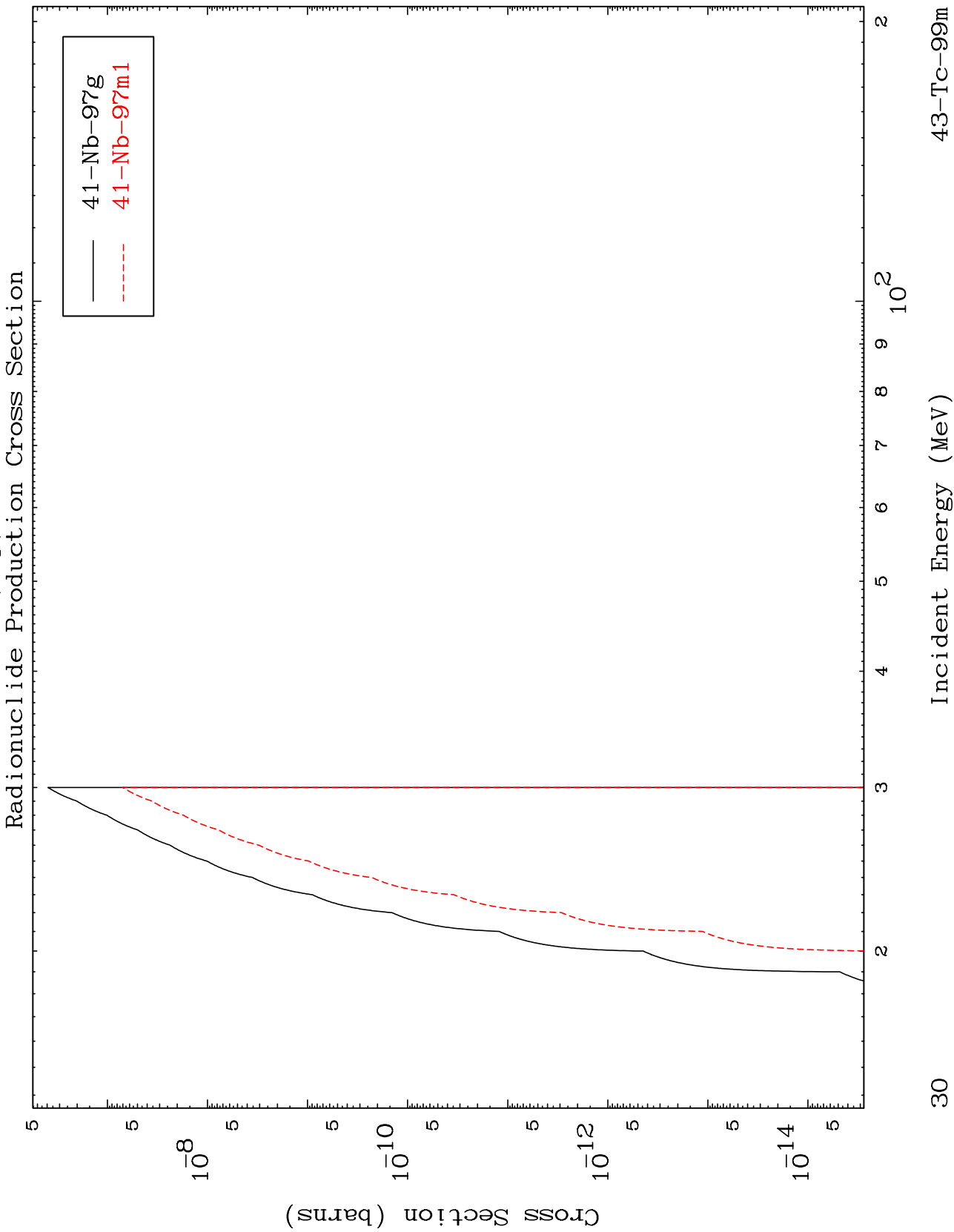
Incident Energy (MeV)

29

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(n,p) d

43-Tc-99m



30

Incident Energy (MeV)

43-Tc-99m