

Program EVALPLOT
(Version 2017-1)

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

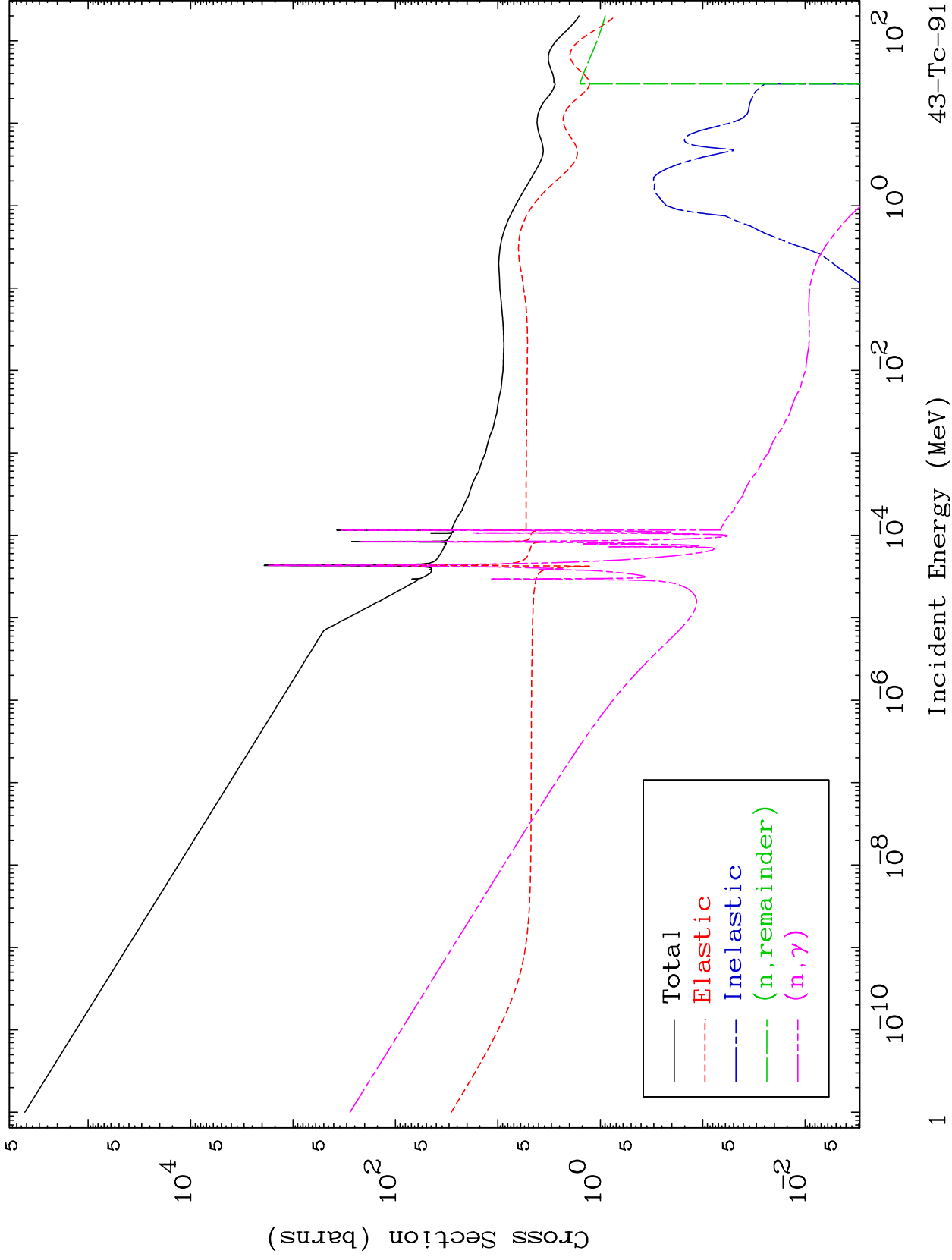
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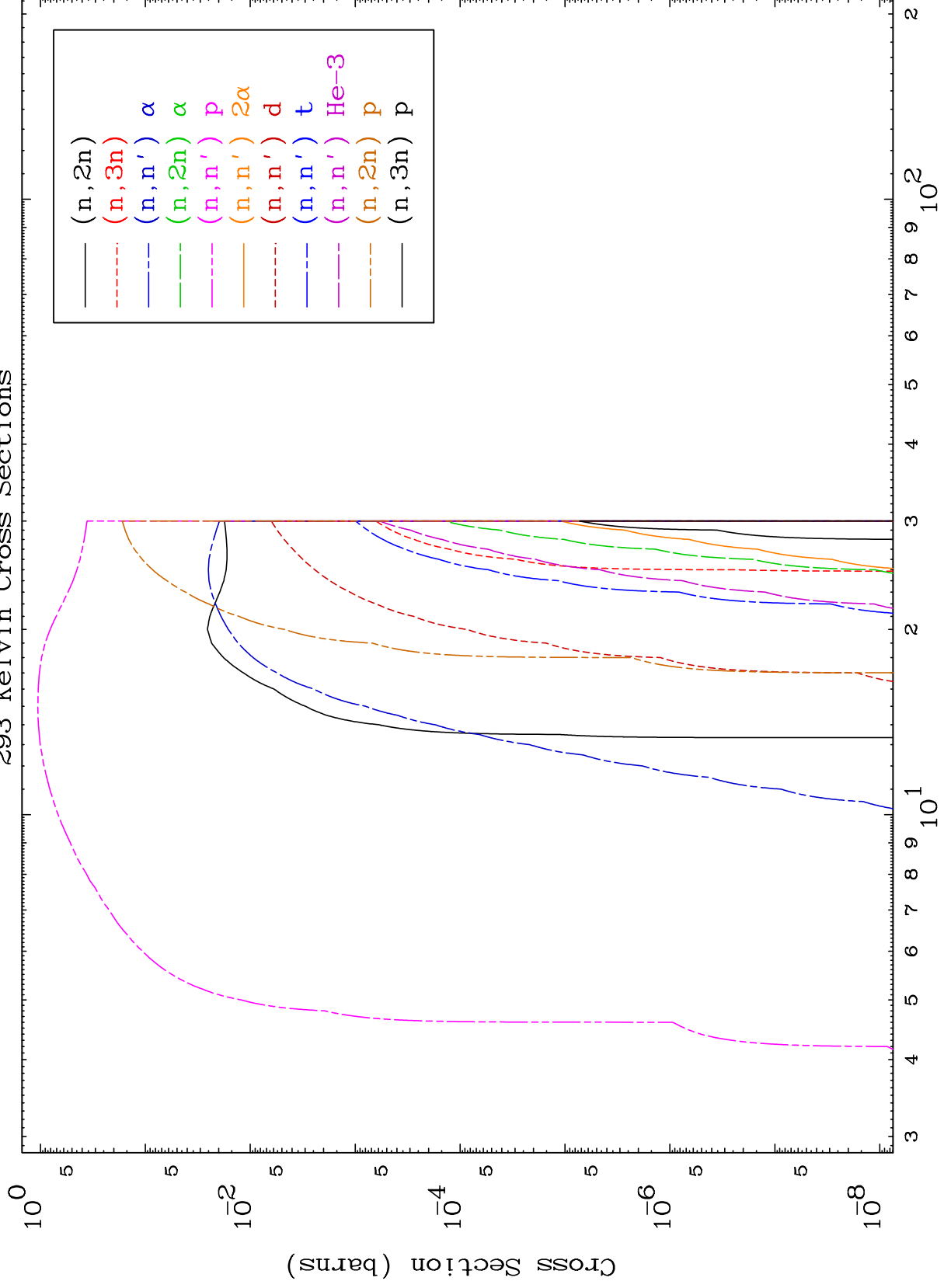
Press Mouse Button to Start

MAT 4302

Major
293 Kelvin Cross Sections

43-Tc-91

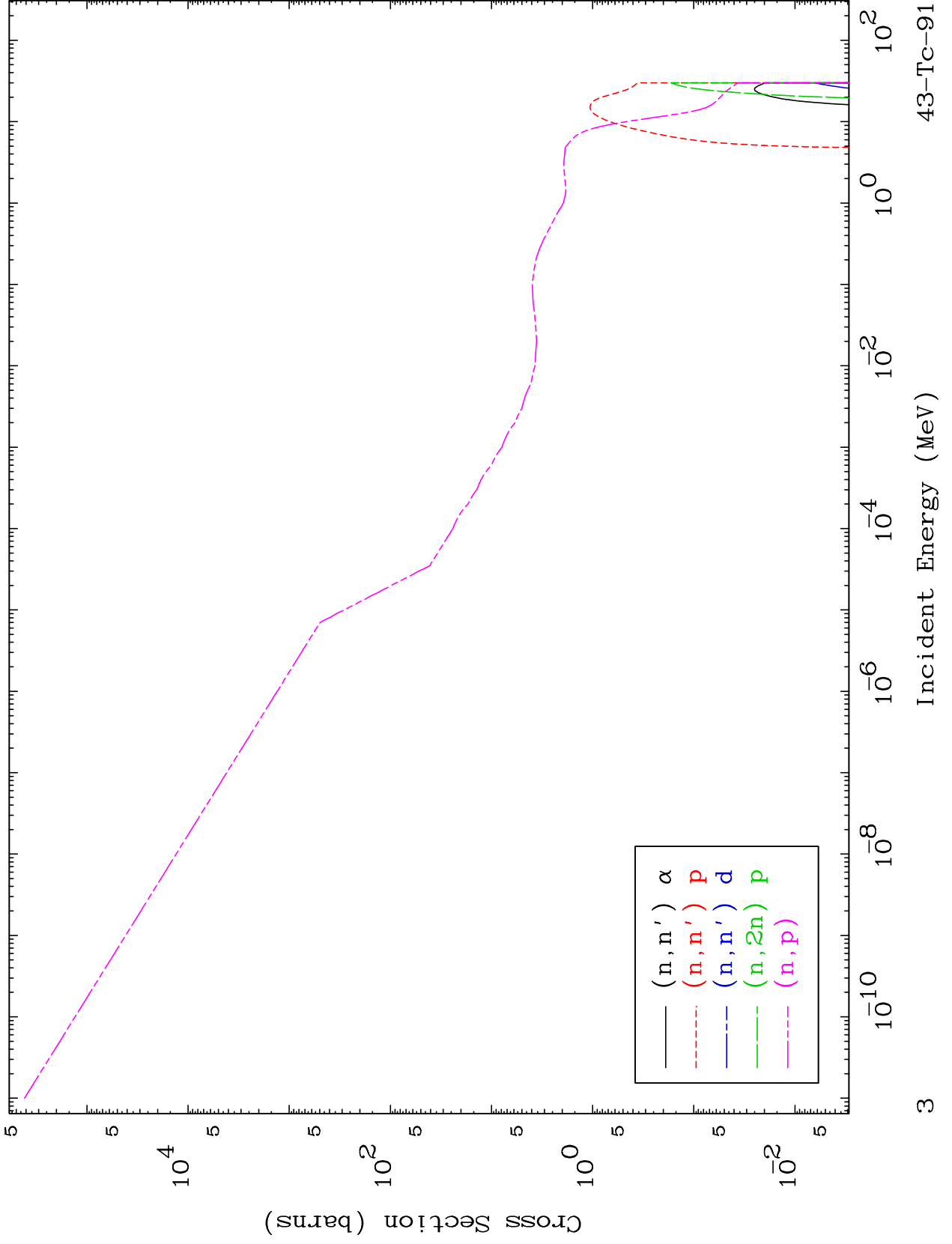




MAT 4302

Charged Particle
293 Kelvin Cross Sections

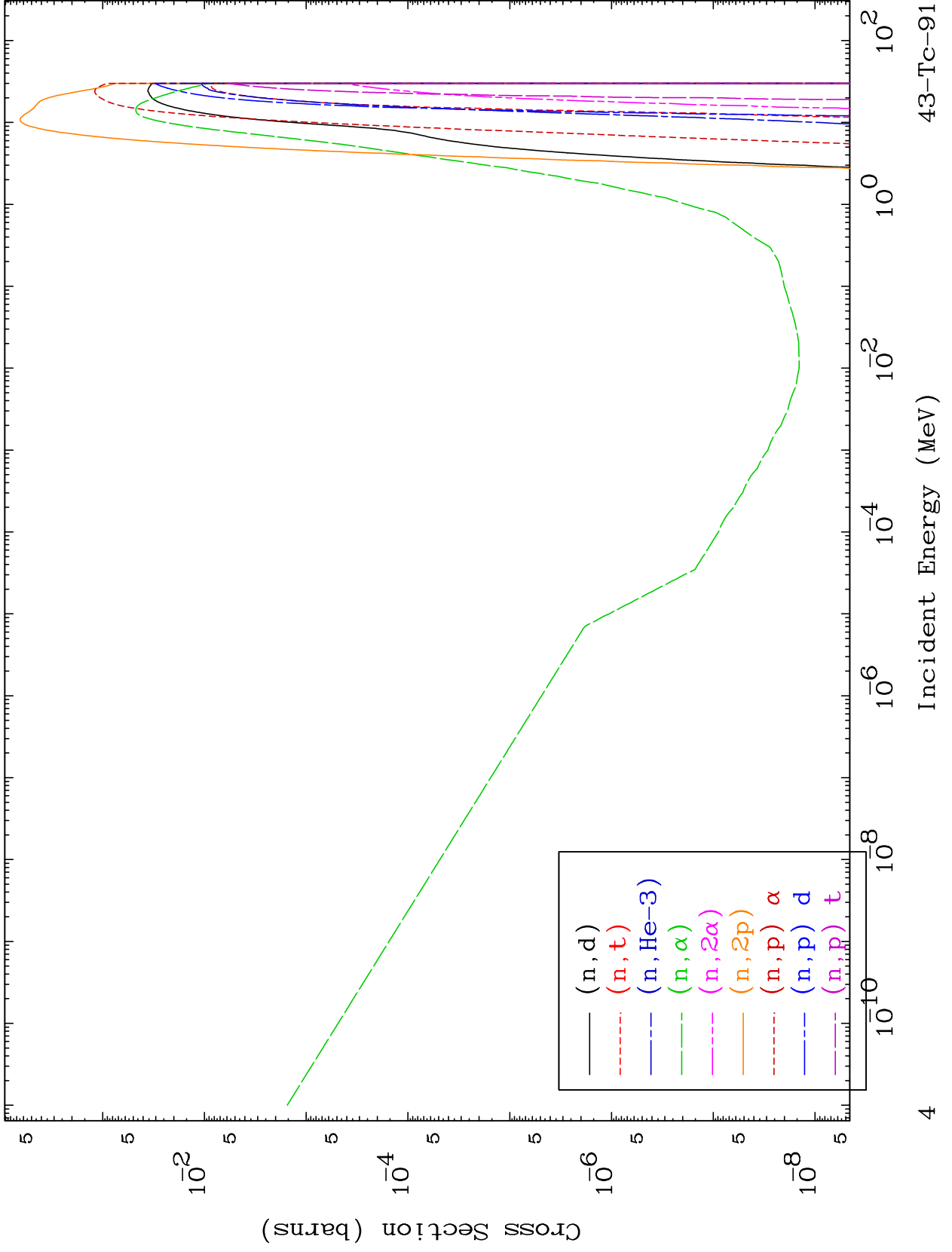
43-Tc-91



MAT 4302

Charged Particle
293 Kelvin Cross Sections

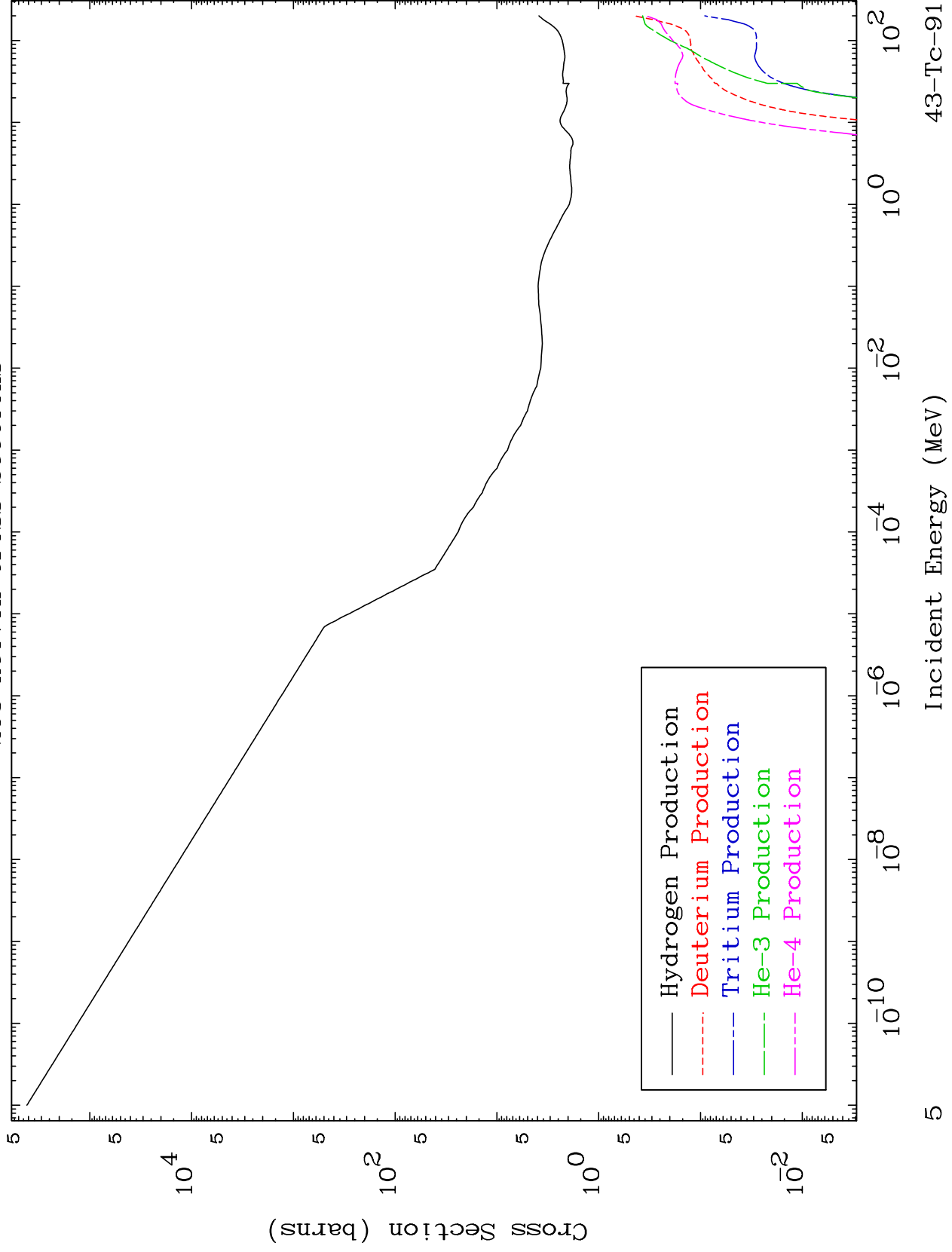
43-Tc-91



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Particle Production
293 Kelvin Cross Sections

43-Tc-91

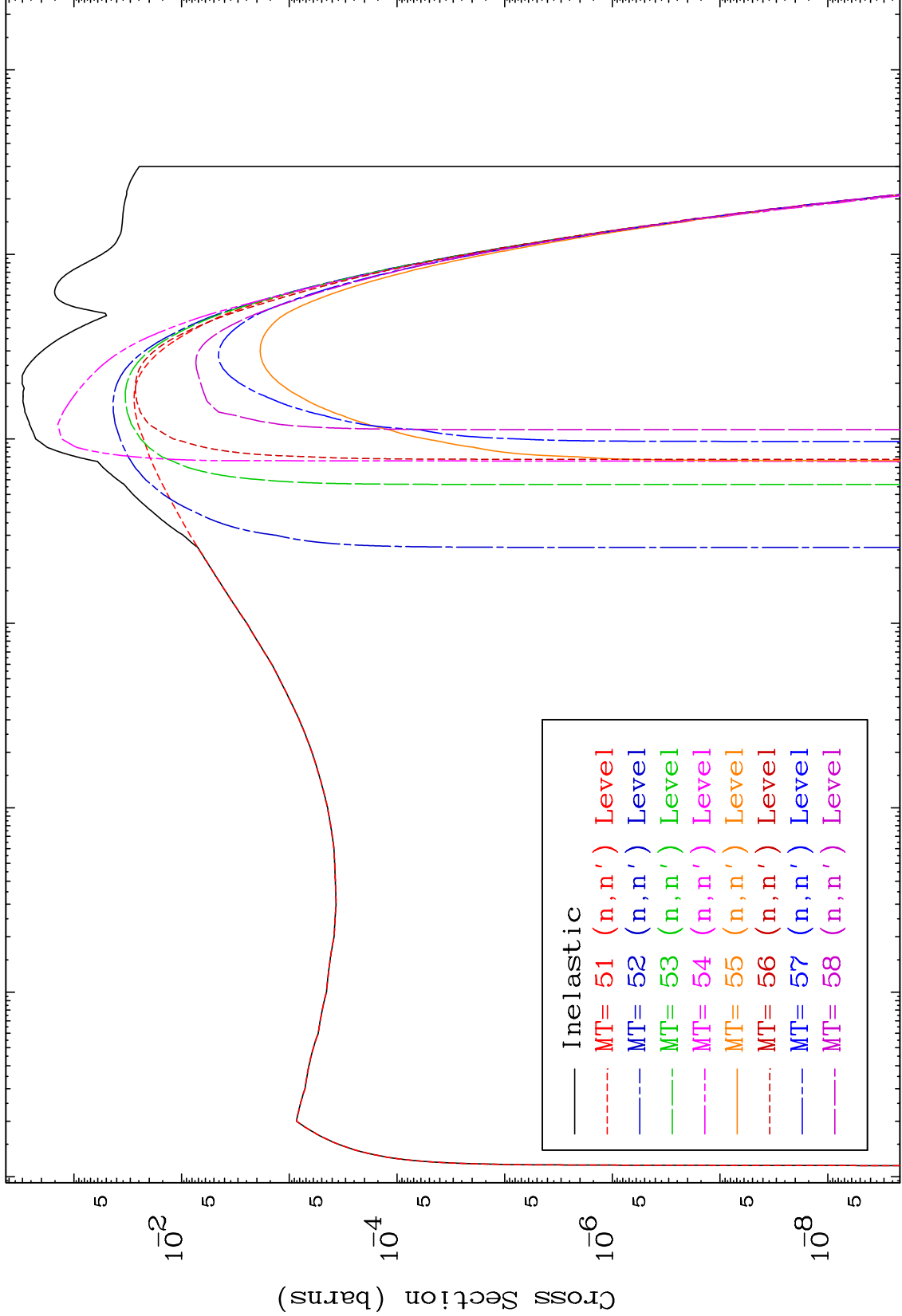


MAT 4302

(n,n') Level

43-Tc-91

293 Kelvin Cross Sections

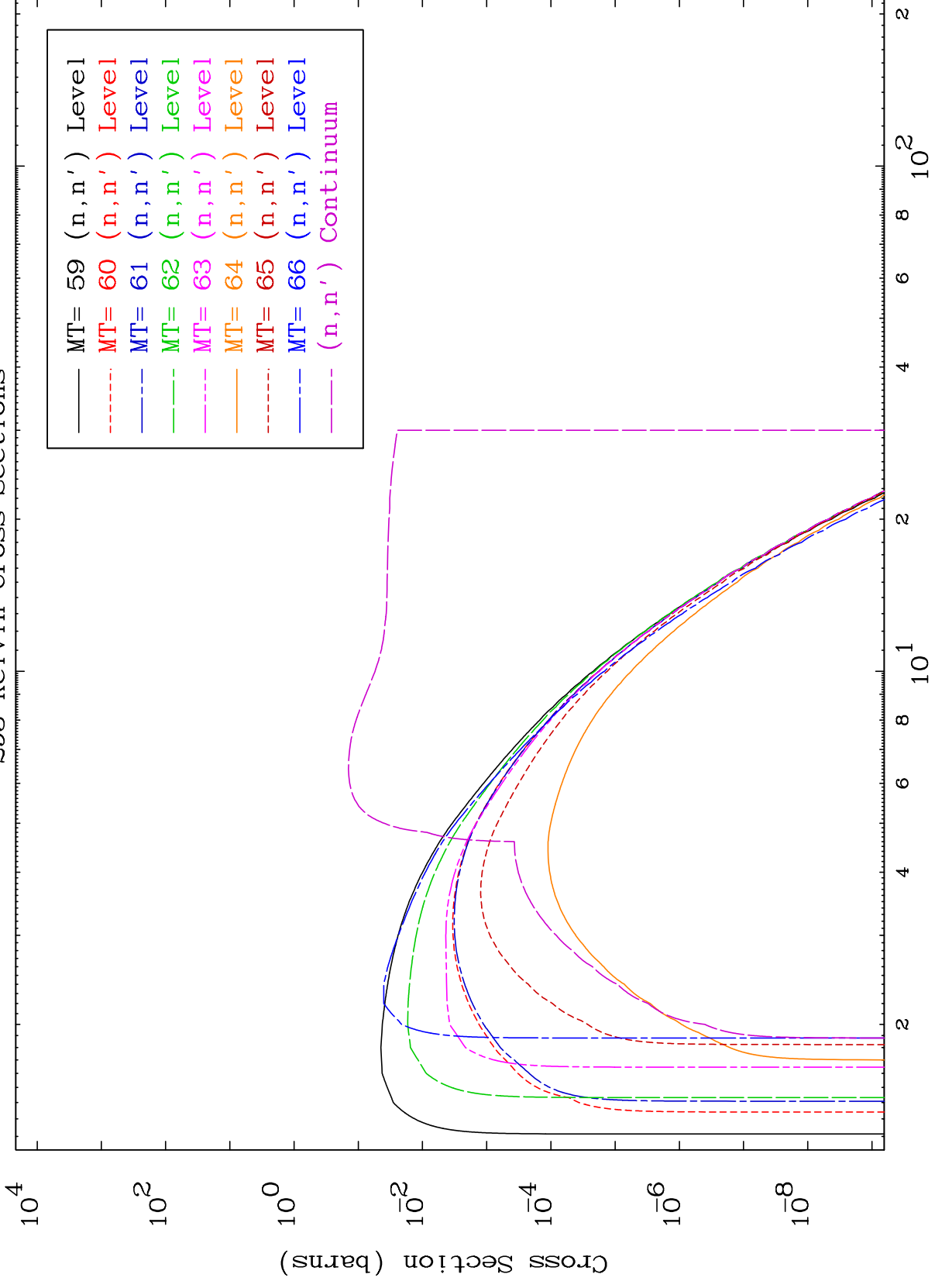


10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10²

Incident Energy (MeV)

43-Tc-91

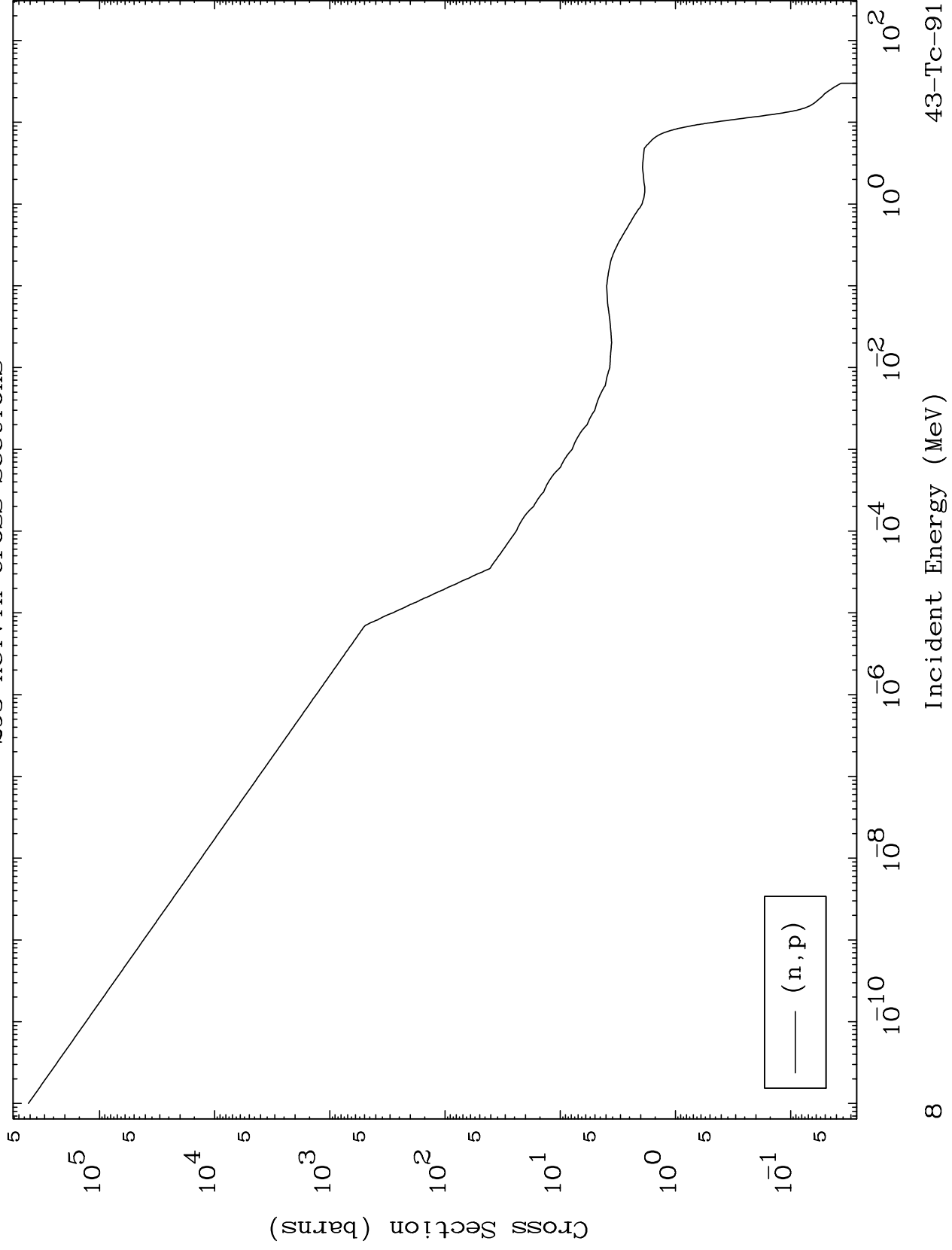
293 Kelvin Cross Sections



MAT 4302

(n,p) Levels
293 Kelvin Cross Sections

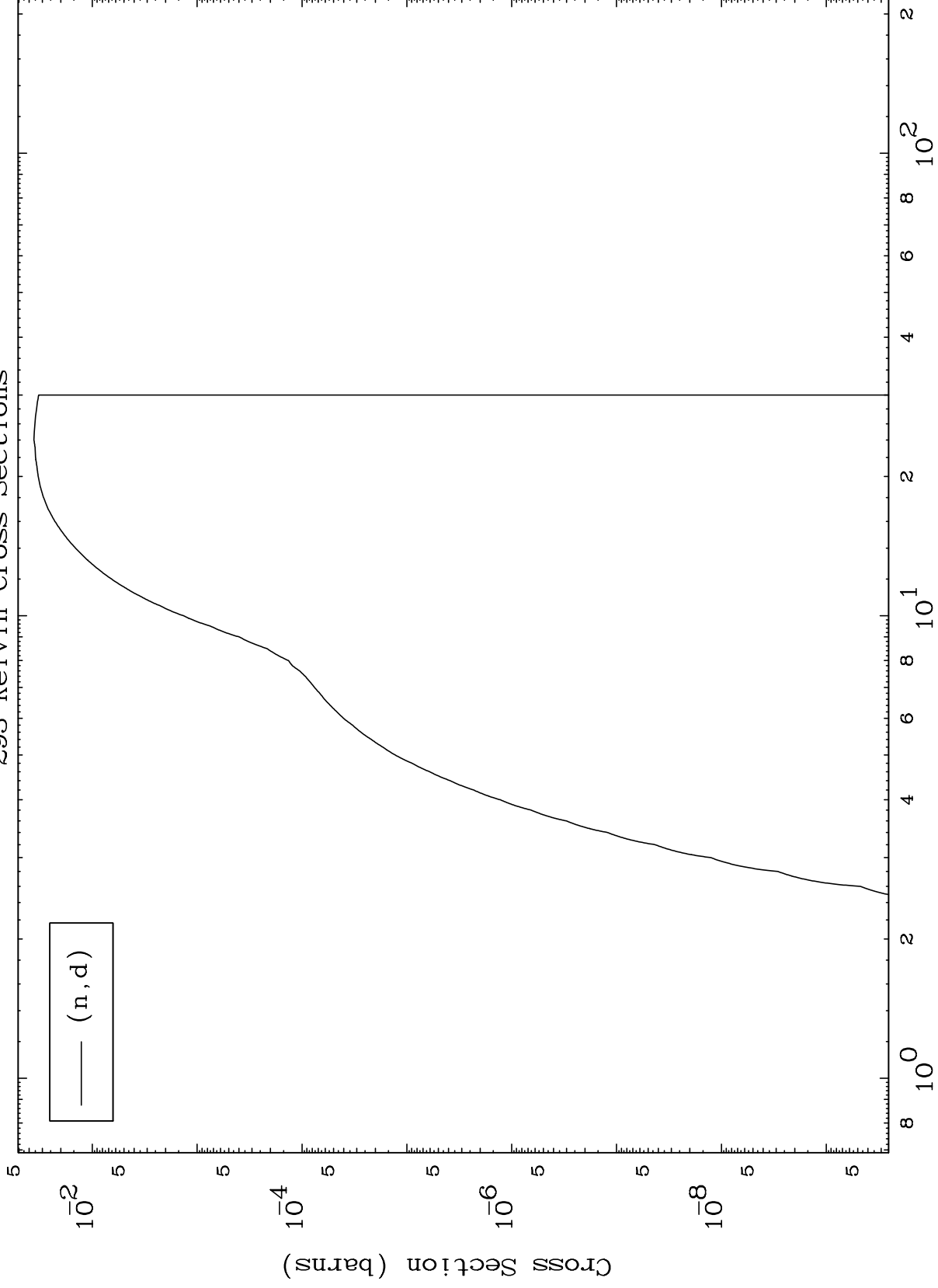
43-Tc-91



MAT 4302

(n,d) Levels
293 Kelvin Cross Sections

43-Tc-91



9

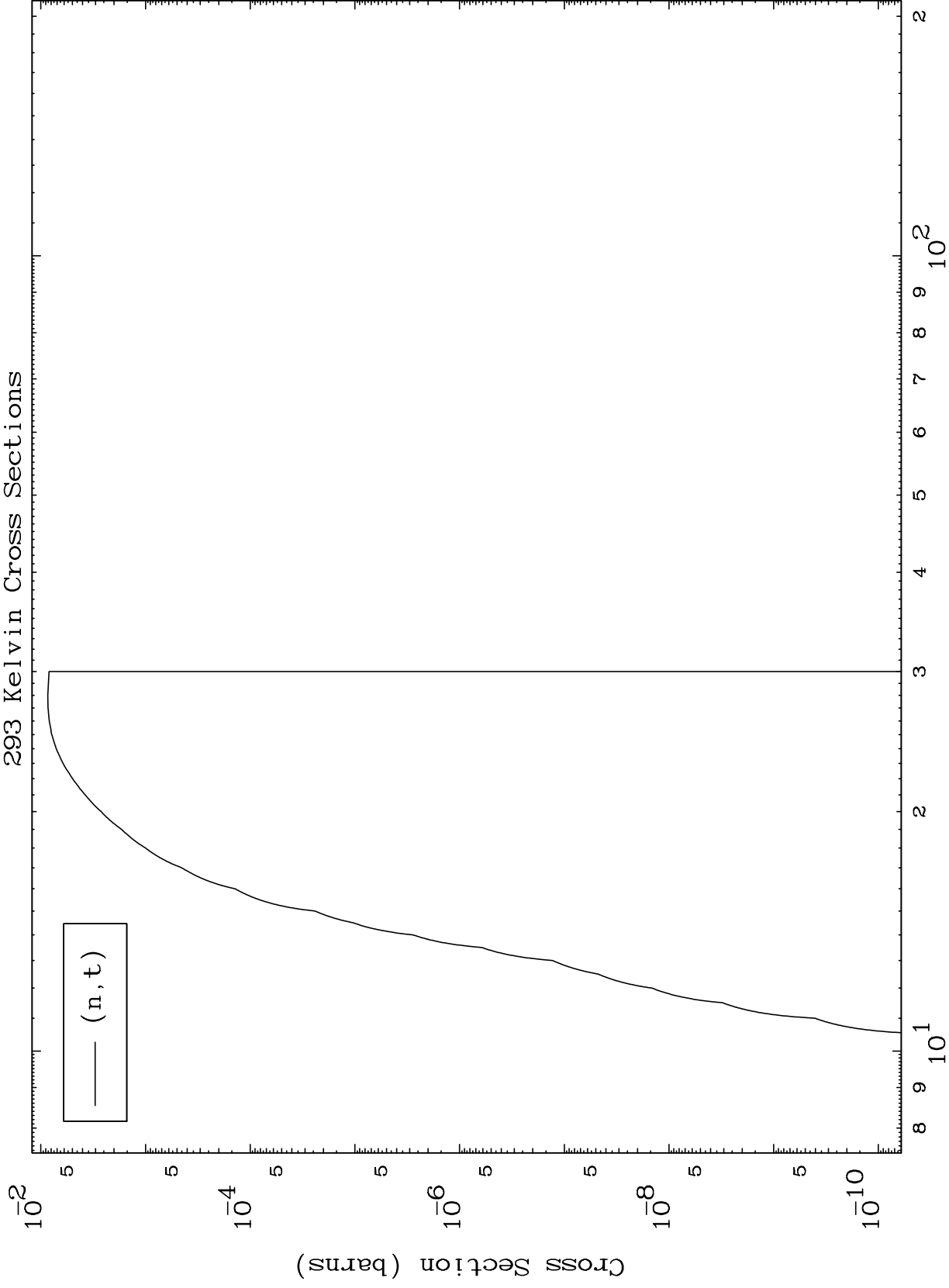
Incident Energy (MeV)

43-Tc-91

MAT 4302

(n,t) Levels
293 Kelvin Cross Sections

43-Tc-91



43-Tc-91

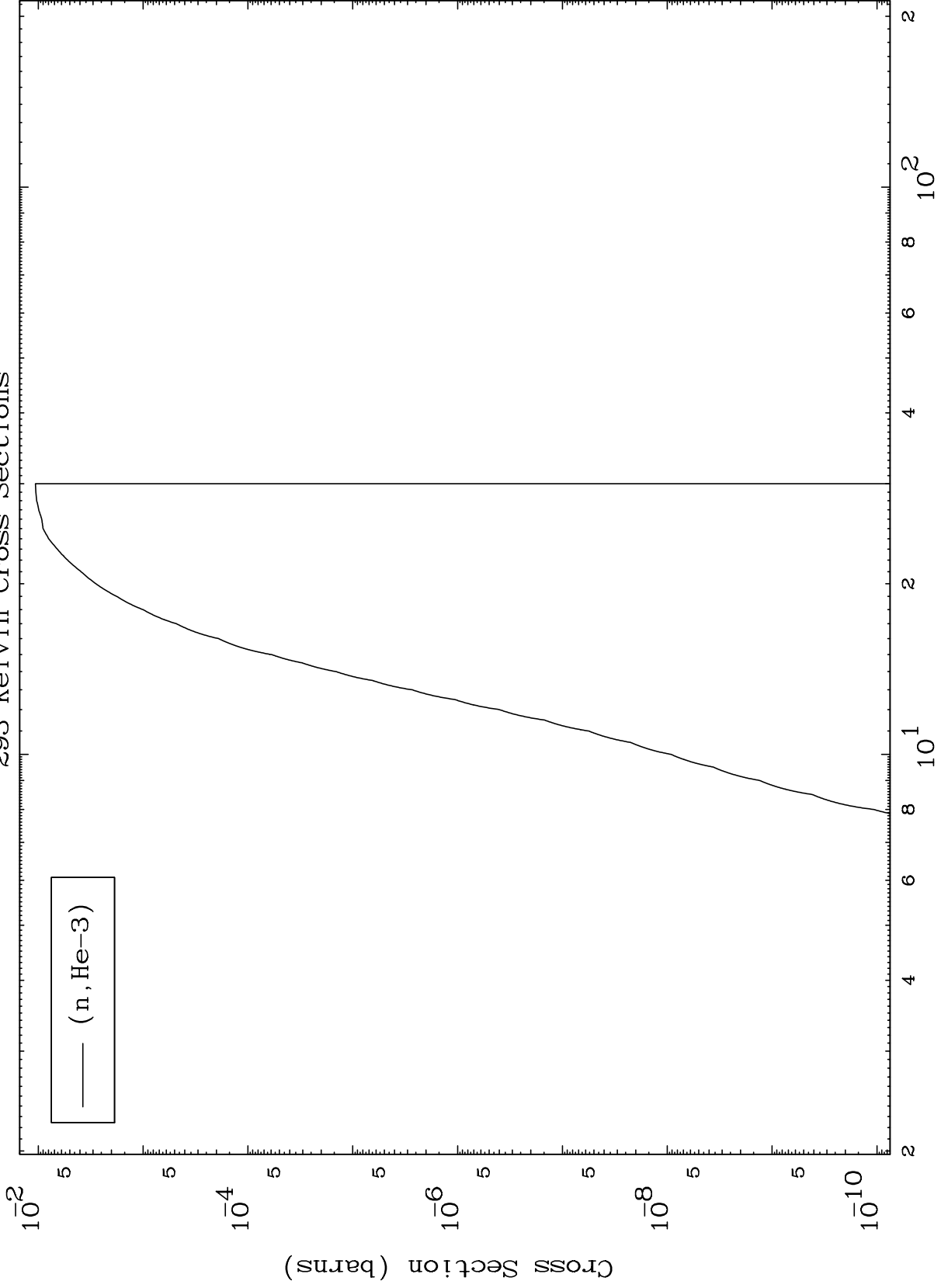
Incident Energy (MeV)

10

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(n,He3) Levels
293 Kelvin Cross Sections

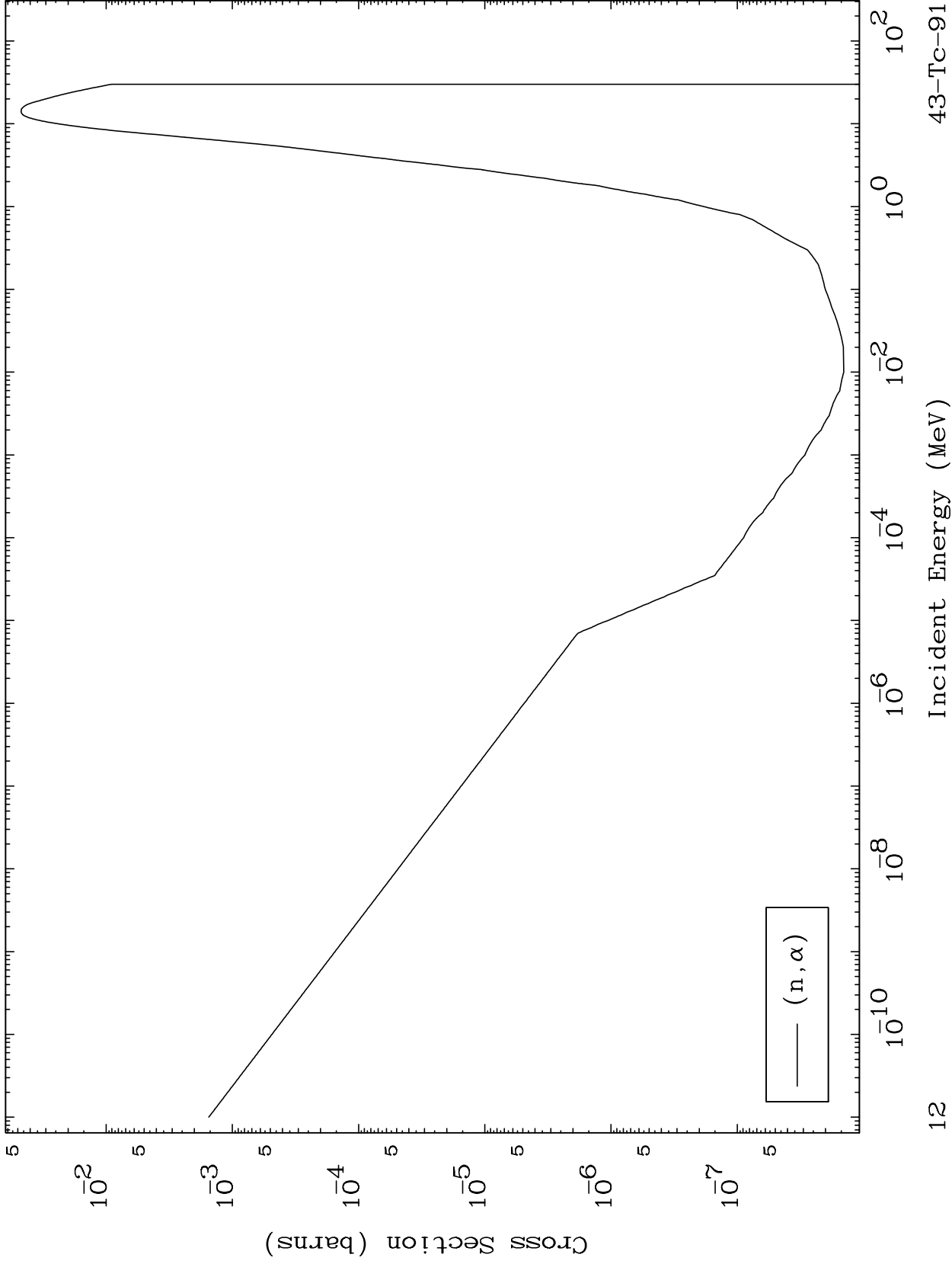
43-Tc-91



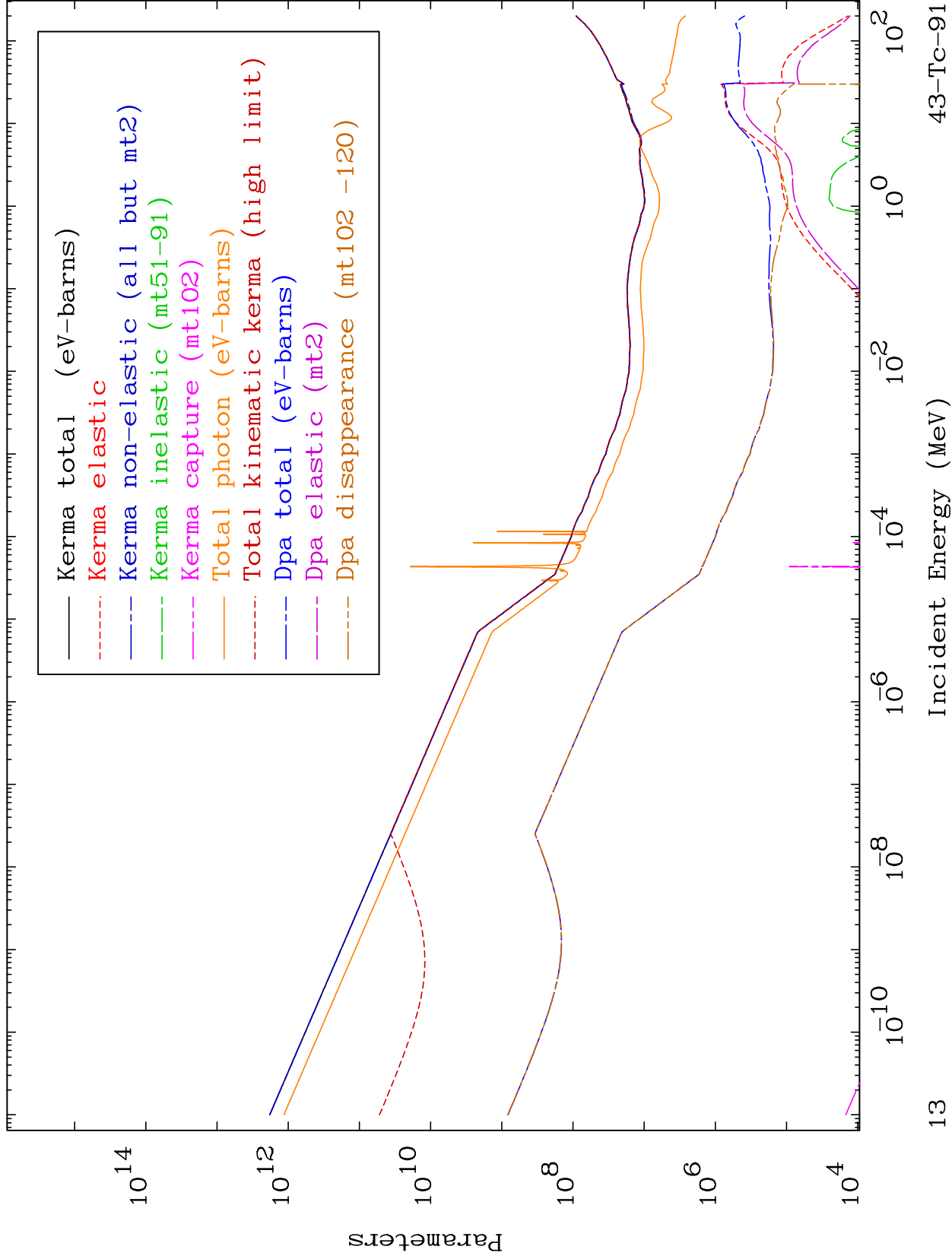
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(n, α) Levels
293 Kelvin Cross Sections

43-Tc-91



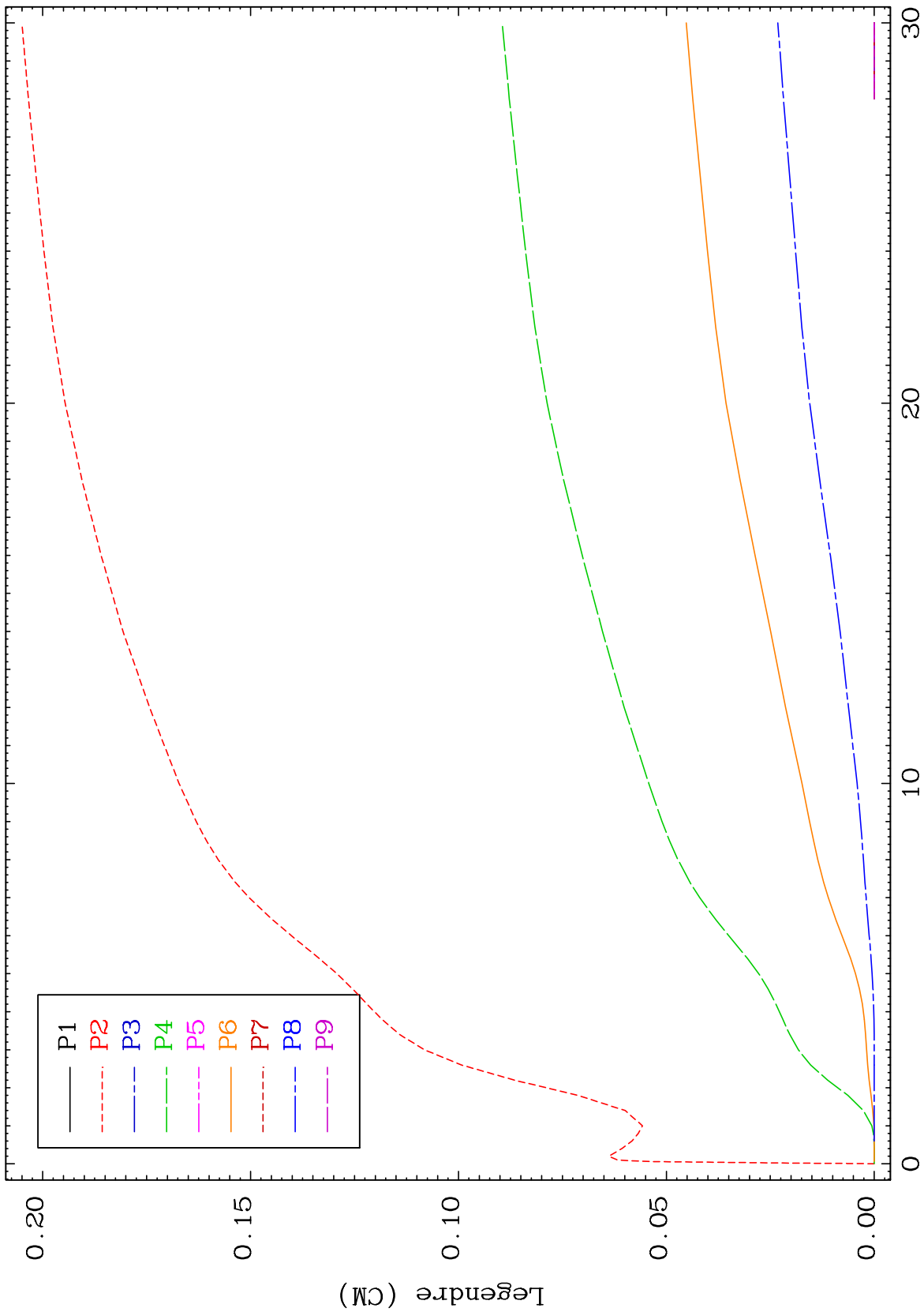
12



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Elastic Legendre Coefficients

43-Tc-91



14

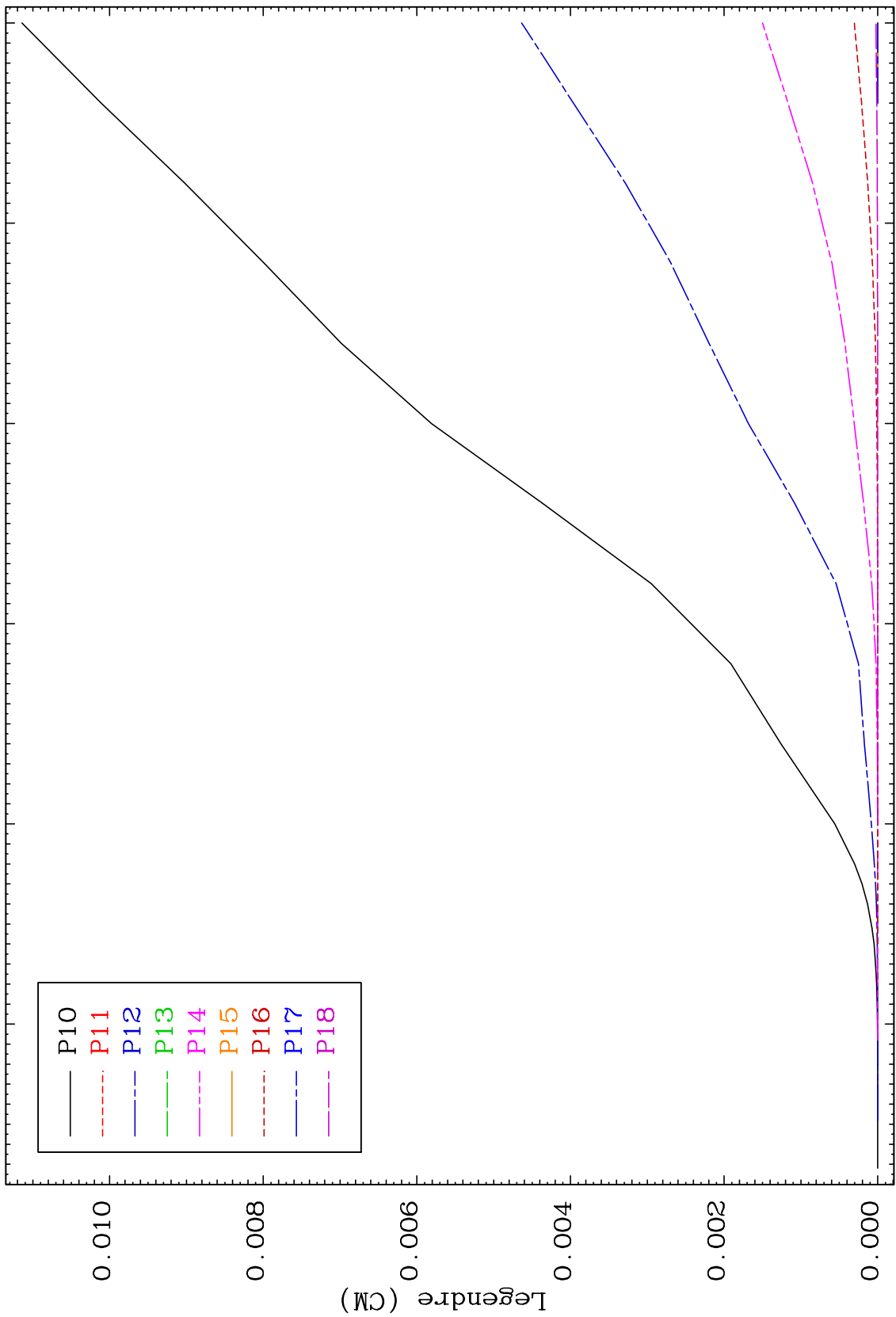
Incident Energy (MeV)

43-Tc-91

MAT 4302

Elastic Legendre Coefficients

43-Tc-91



15

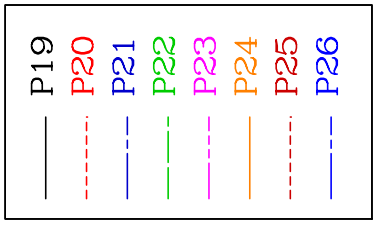
Incident Energy (MeV)

43-Tc-91

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Elastic Legendre Coefficients

43-Tc-91



$\times 10^{-6}$
1.2
1.0
0.8
0.6
0.4
0.2
0.0

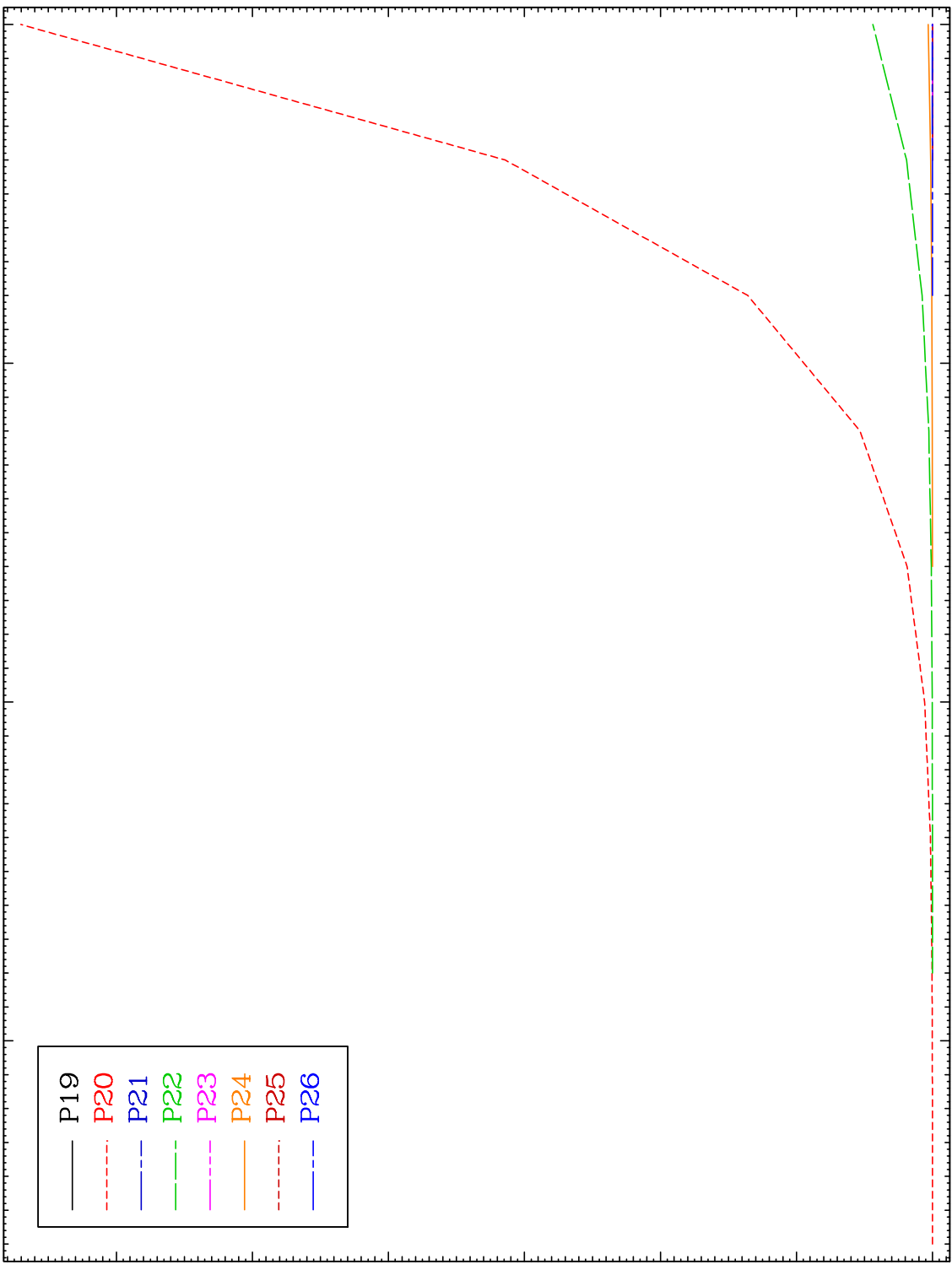
Legendre (CM)

15 20 25 30

16

Incident Energy (MeV)

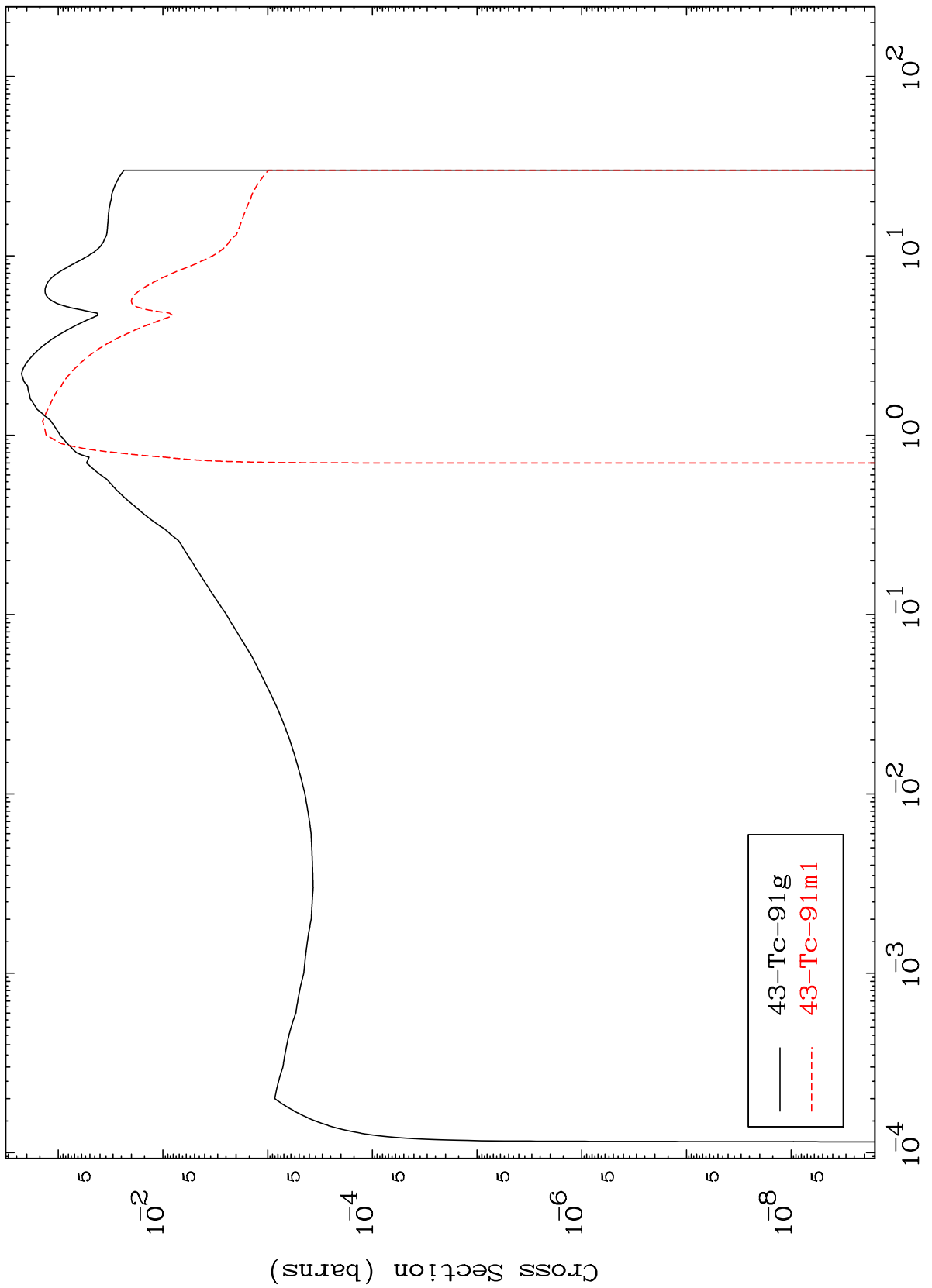
43-Tc-91



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43-Tc-91

Inelastic
Radionuclide Production Cross Section



— 43-Tc-91 g
- - - 43-Tc-91 m1

17

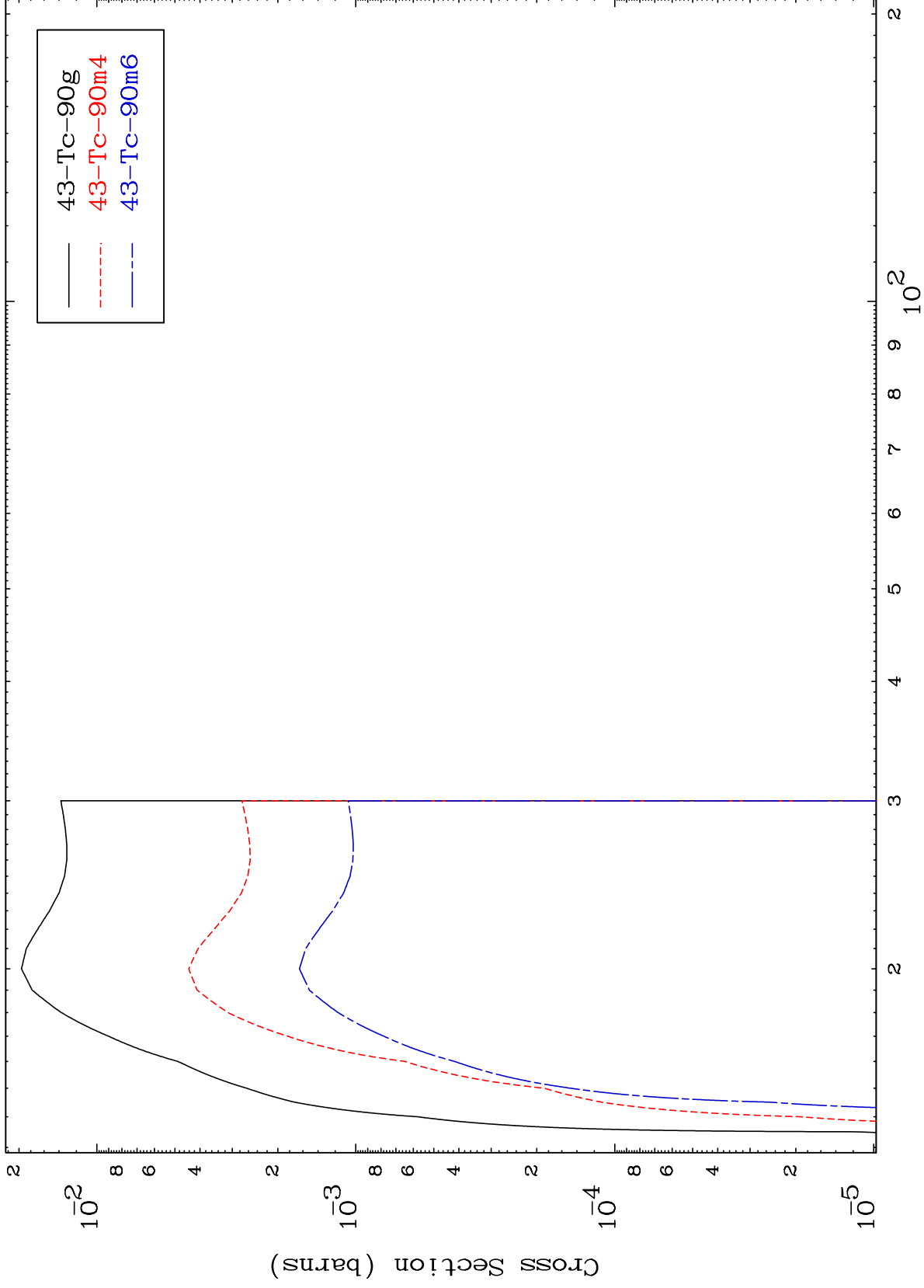
Incident Energy (MeV)

43-Tc-91

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43-Tc-91

(n,2n)
Radionuclide Production Cross Section



18

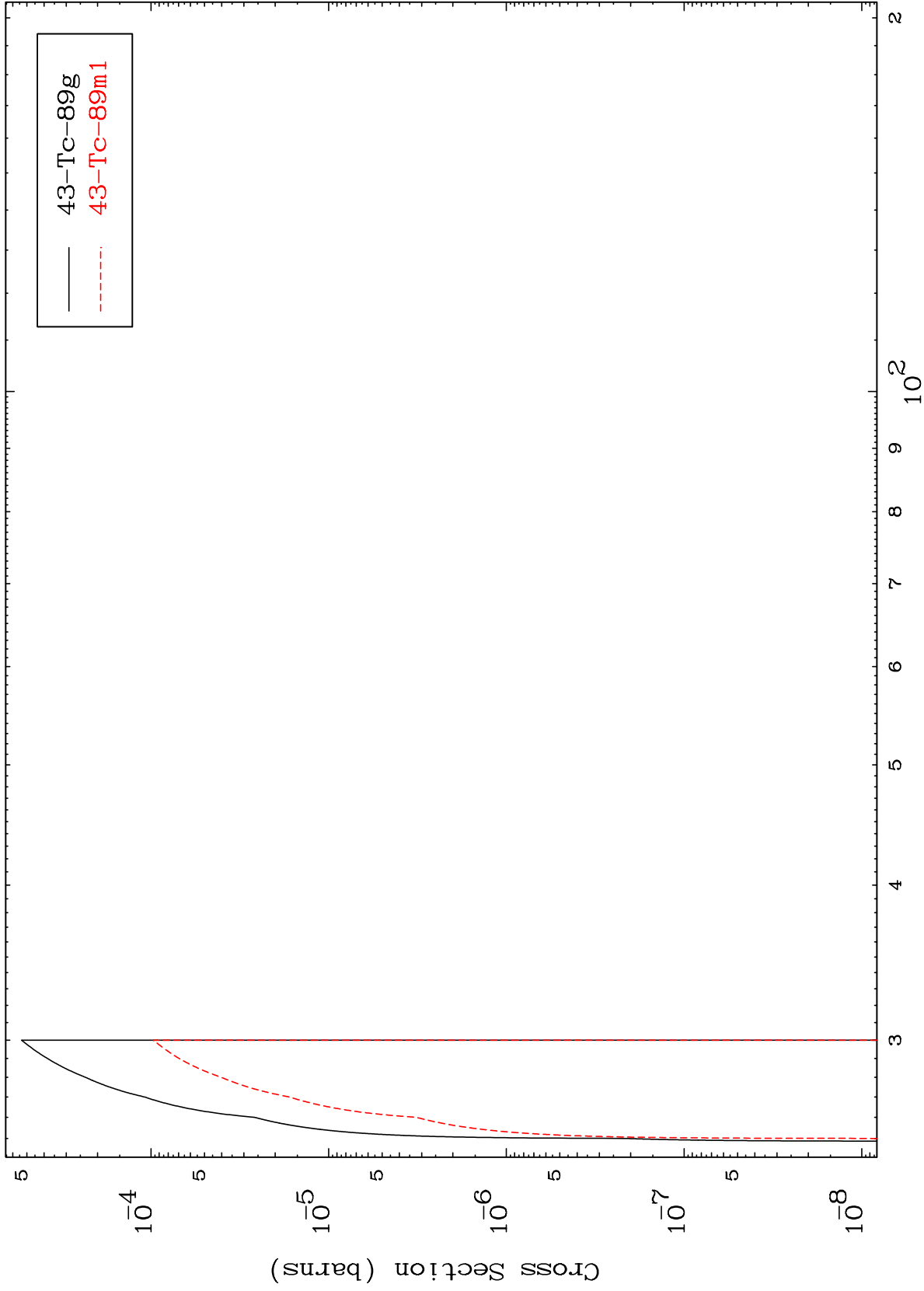
Incident Energy (MeV)

43-Tc-91

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43-Tc-91

(n,3n)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

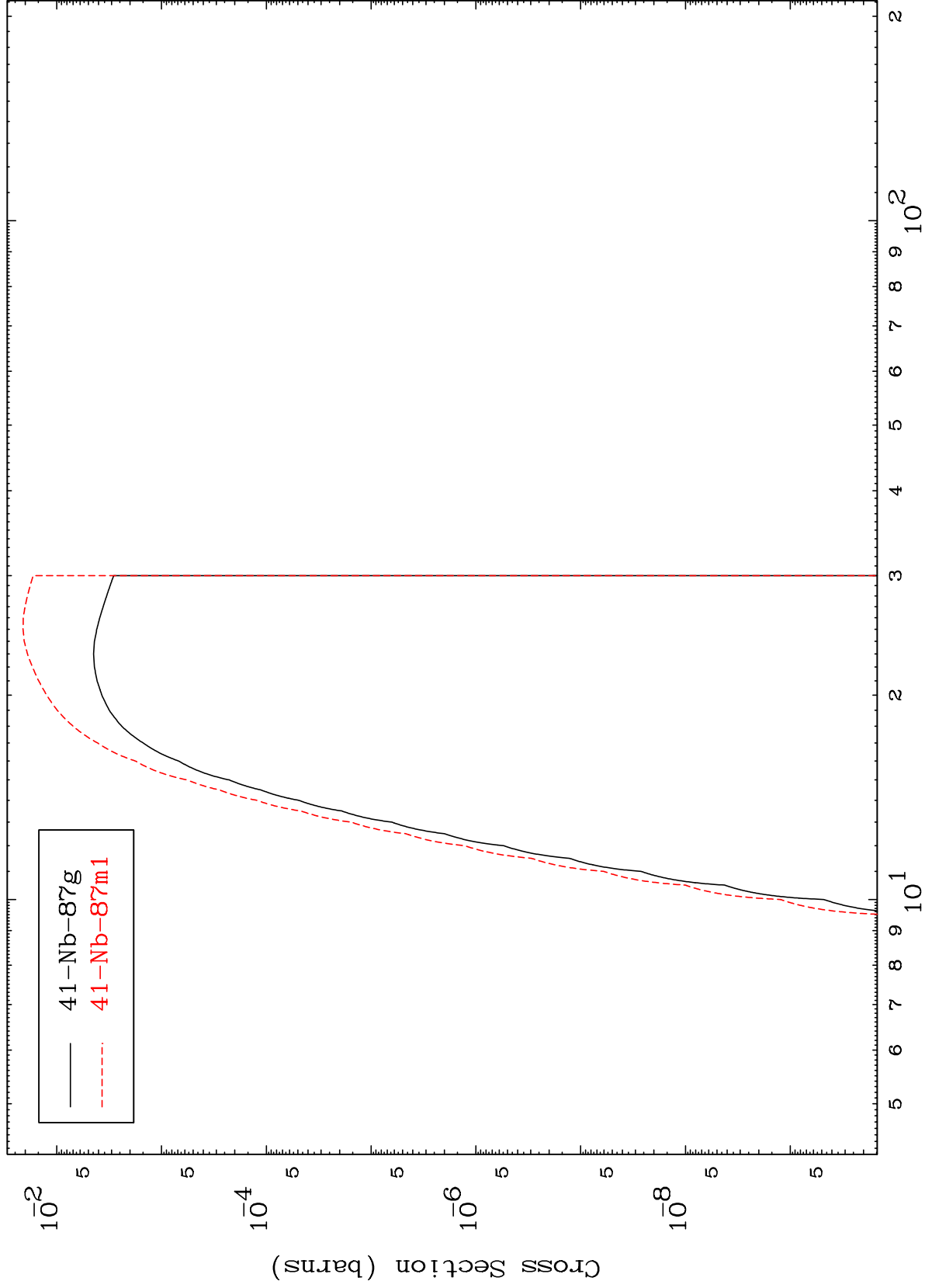
43-Tc-91

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43-Tc-91

(n,n') α

Radionuclide Production Cross Section



20

Incident Energy (MeV)

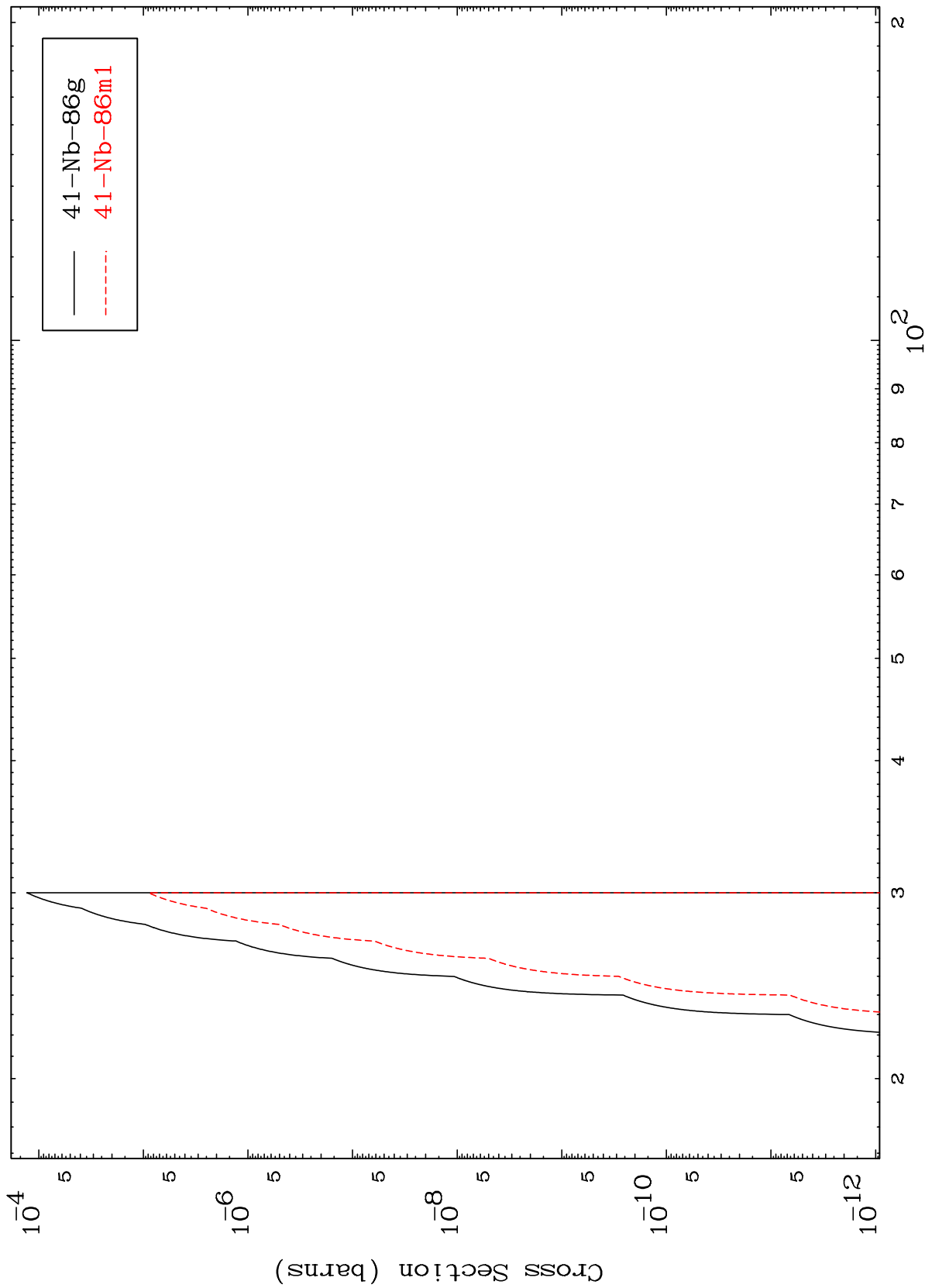
43-Tc-91

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(n,2n) α

43-Tc-91

Radionuclide Production Cross Section



21

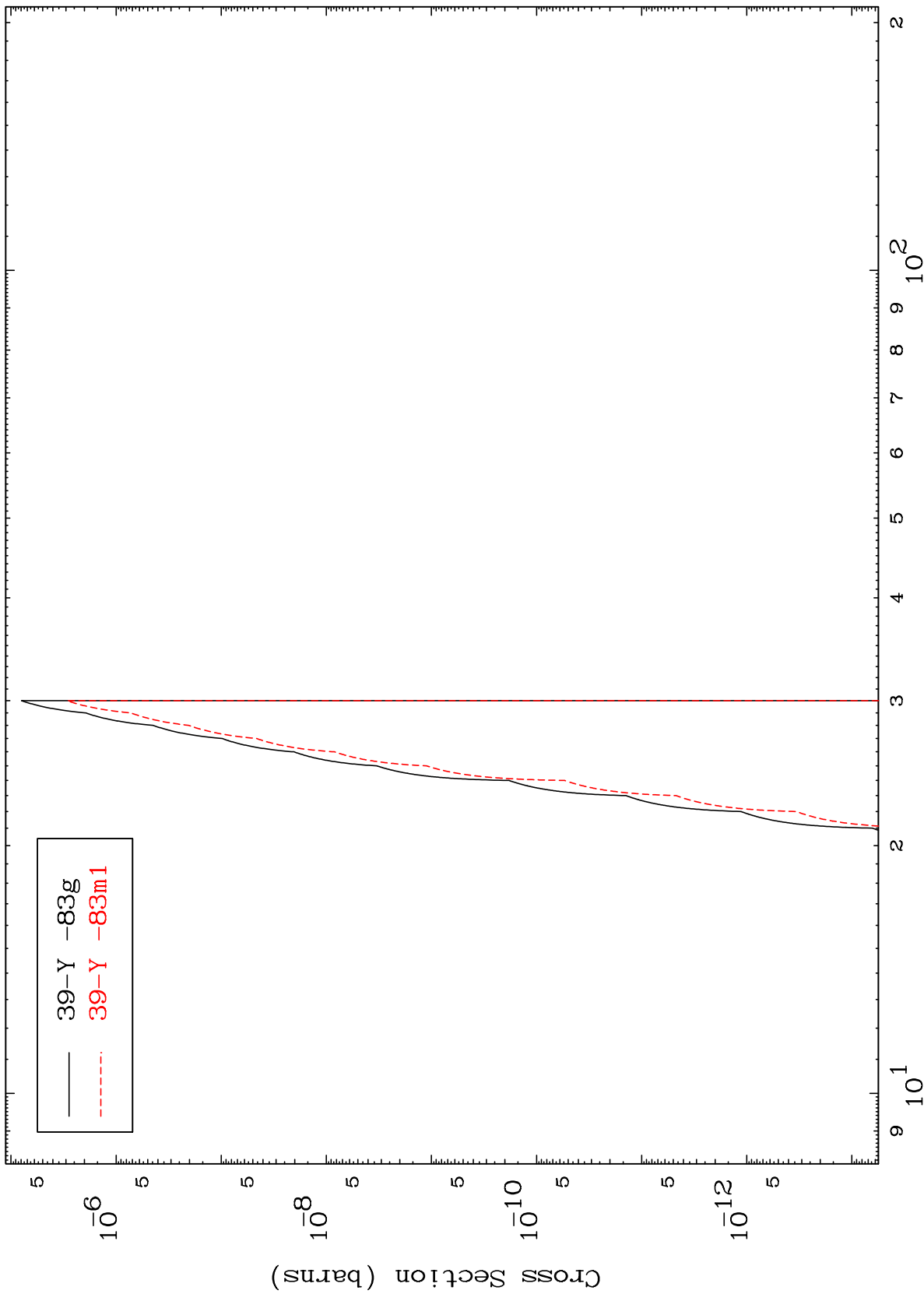
Incident Energy (MeV)

43-Tc-91

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43-Tc-91

(n,n') 2α
Radionuclide Production Cross Section



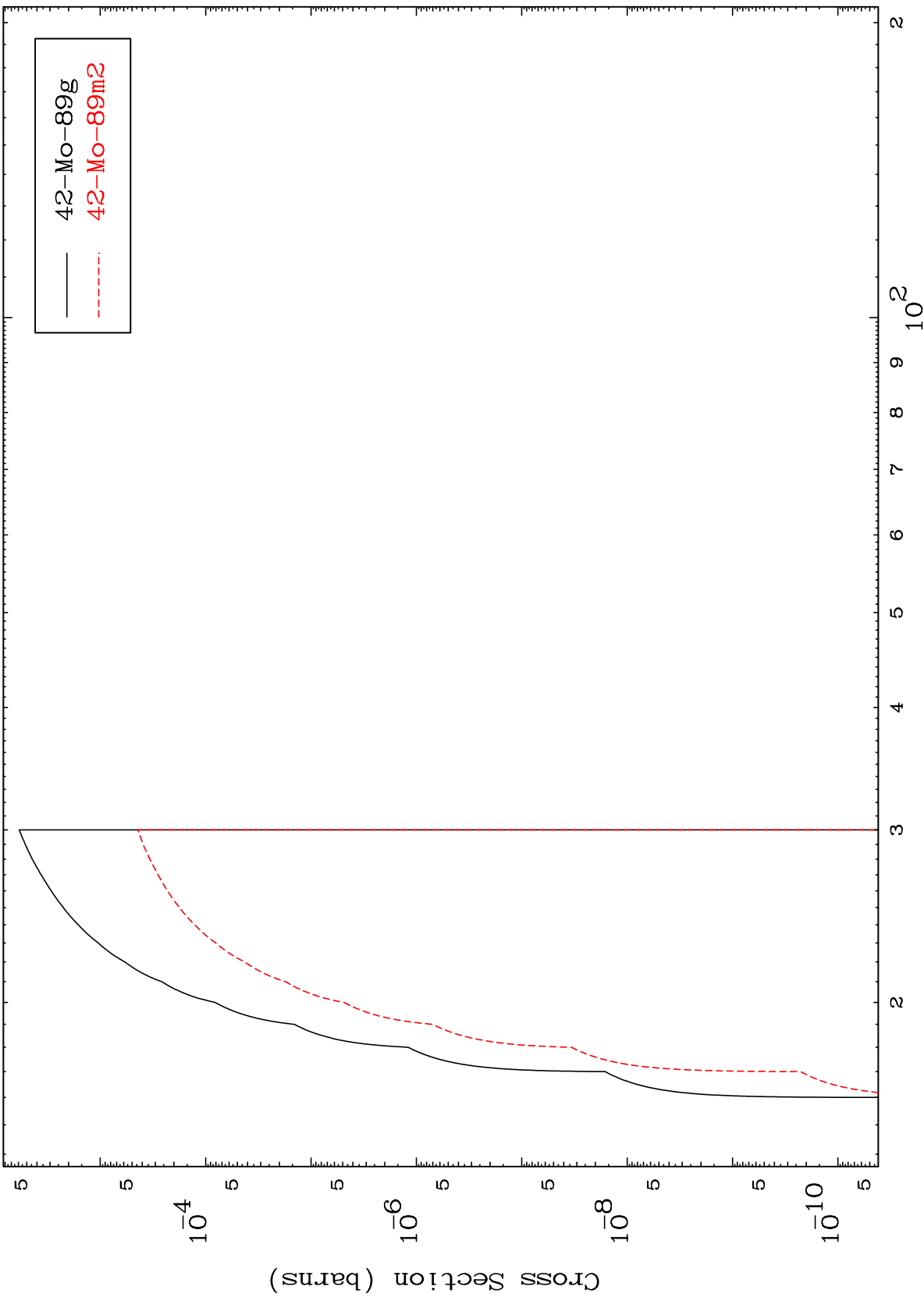
— 39-Y -83g
- - - 39-Y -83m1

43-Tc-91

Incident Energy (MeV)

22

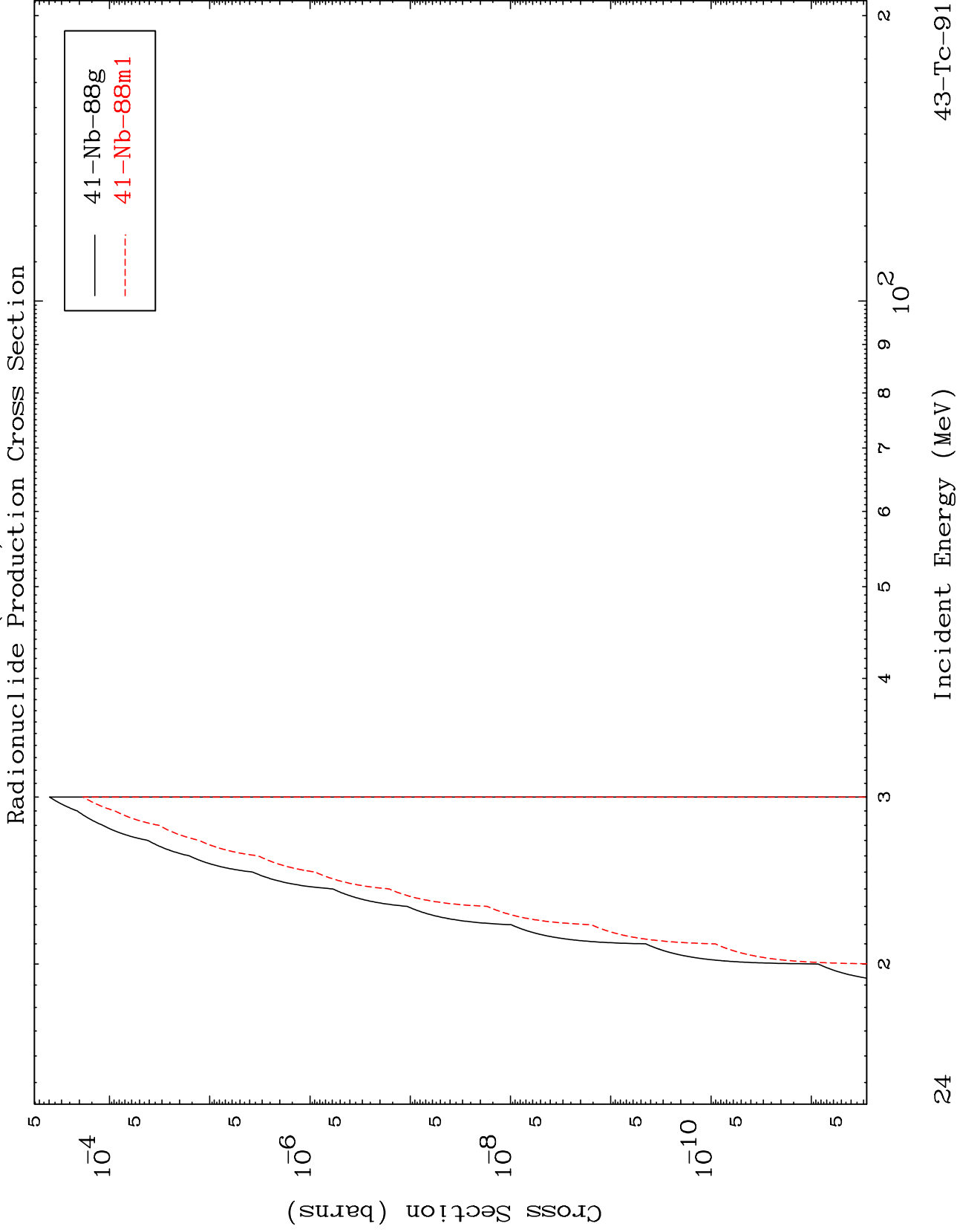
Radionuclide Production Cross Section



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(n,n') He-3

43-Tc-91

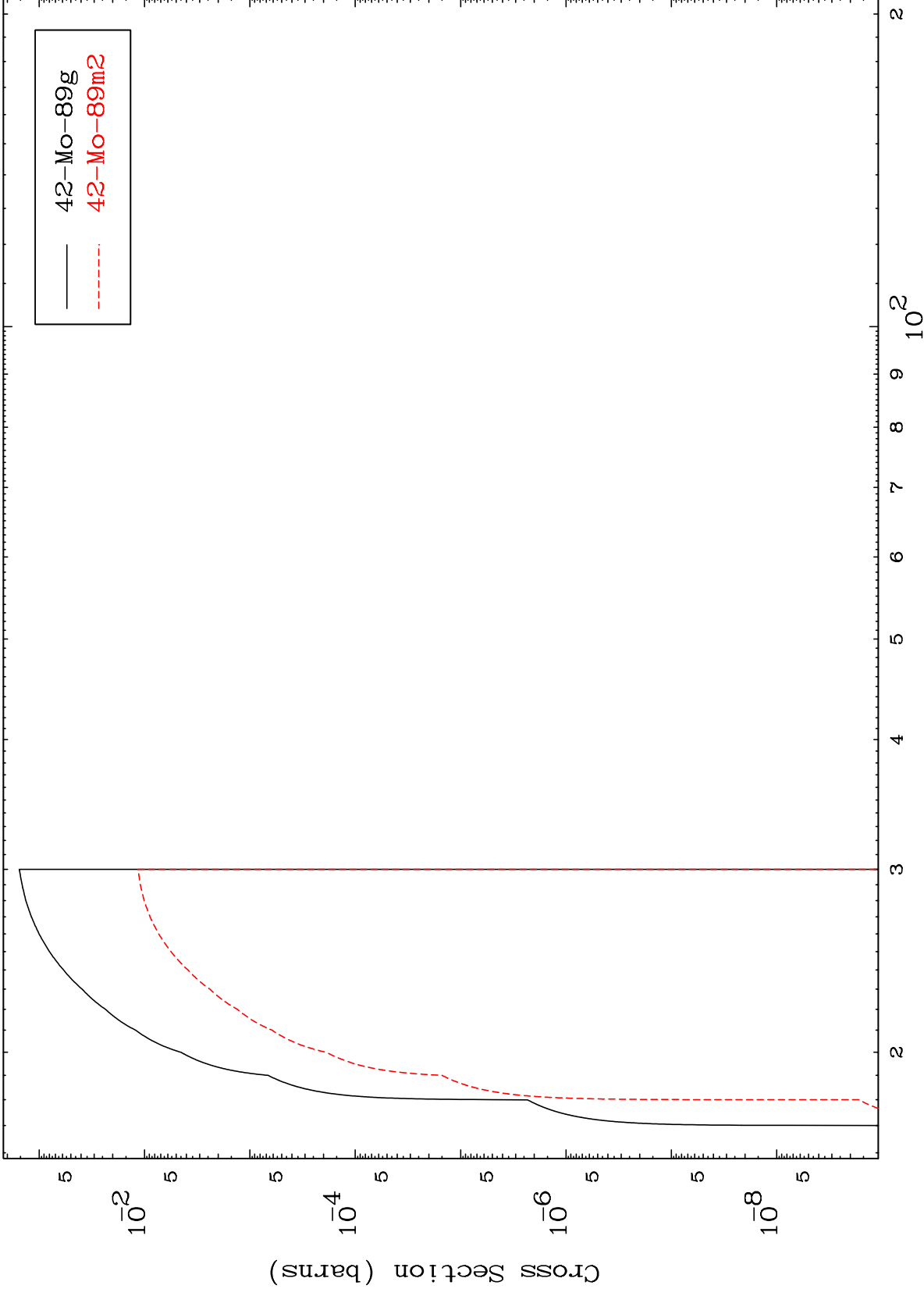


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Incident Energy (MeV)

43-Tc-91

Radionuclide Production Cross Section

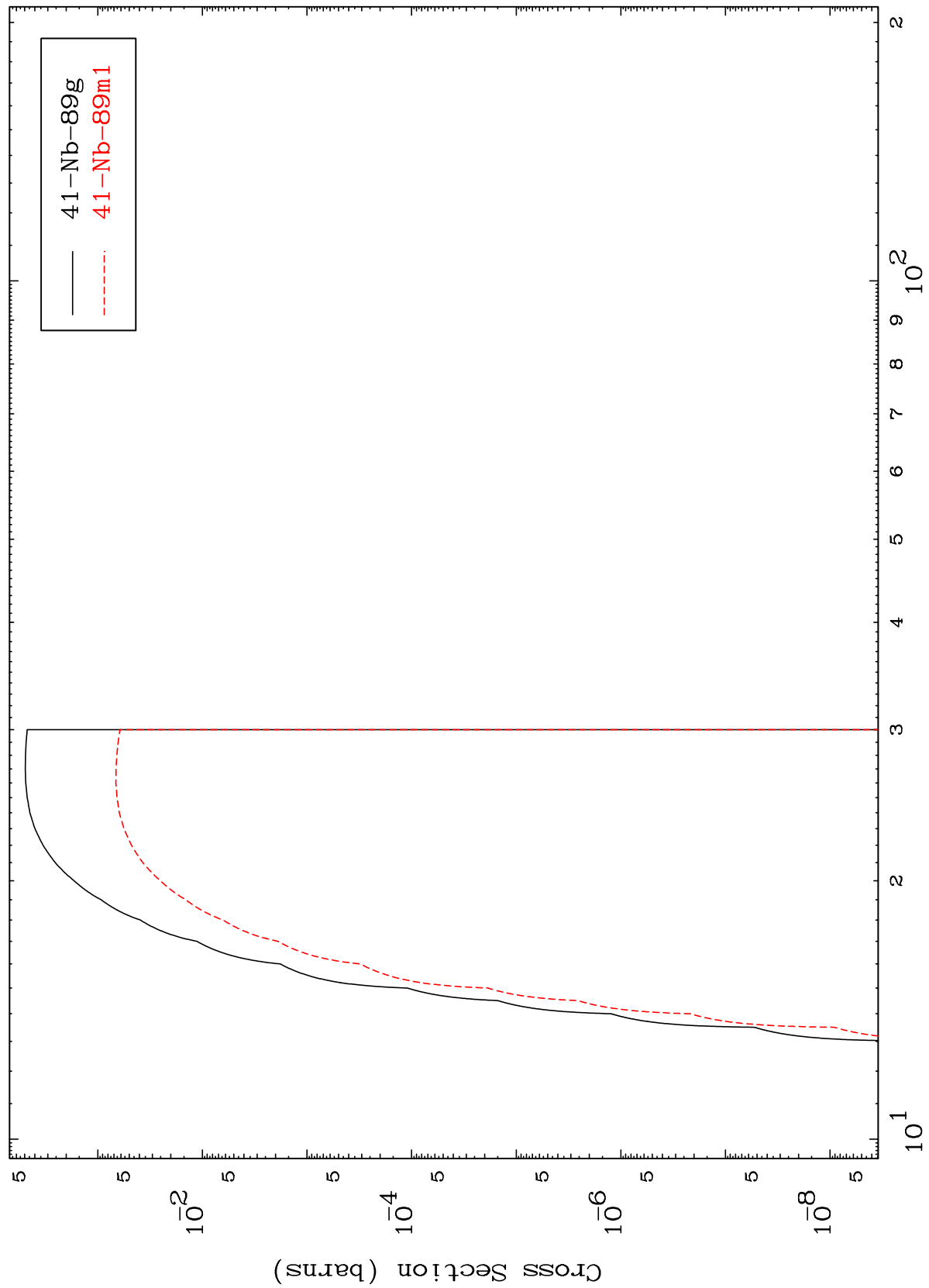


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(n,2n) p

43-Tc-91

Radionuclide Production Cross Section



26

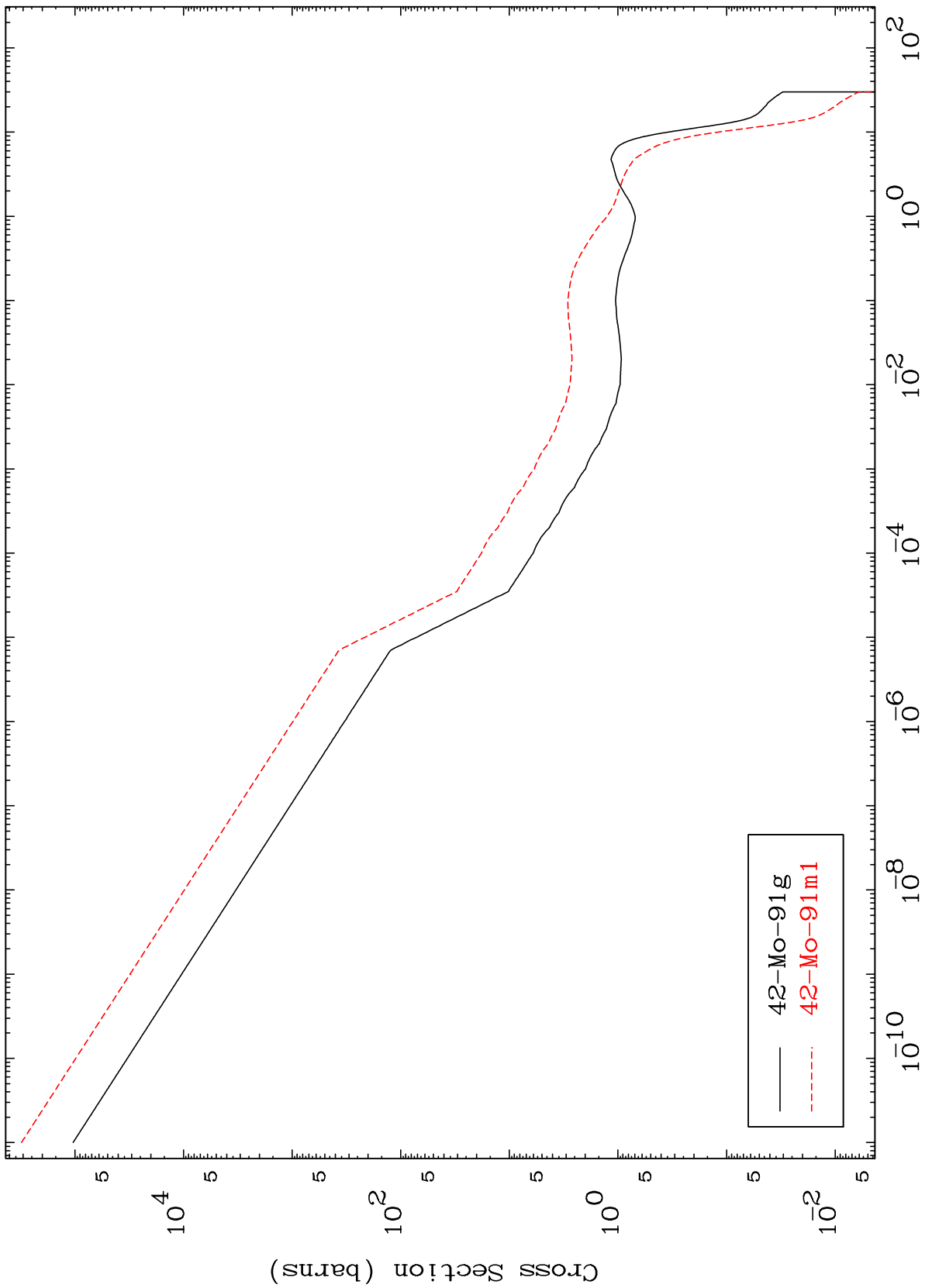
Incident Energy (MeV)

43-Tc-91

MAT 4302

43-Tc-91

(n,p)
Radionuclide Production Cross Section



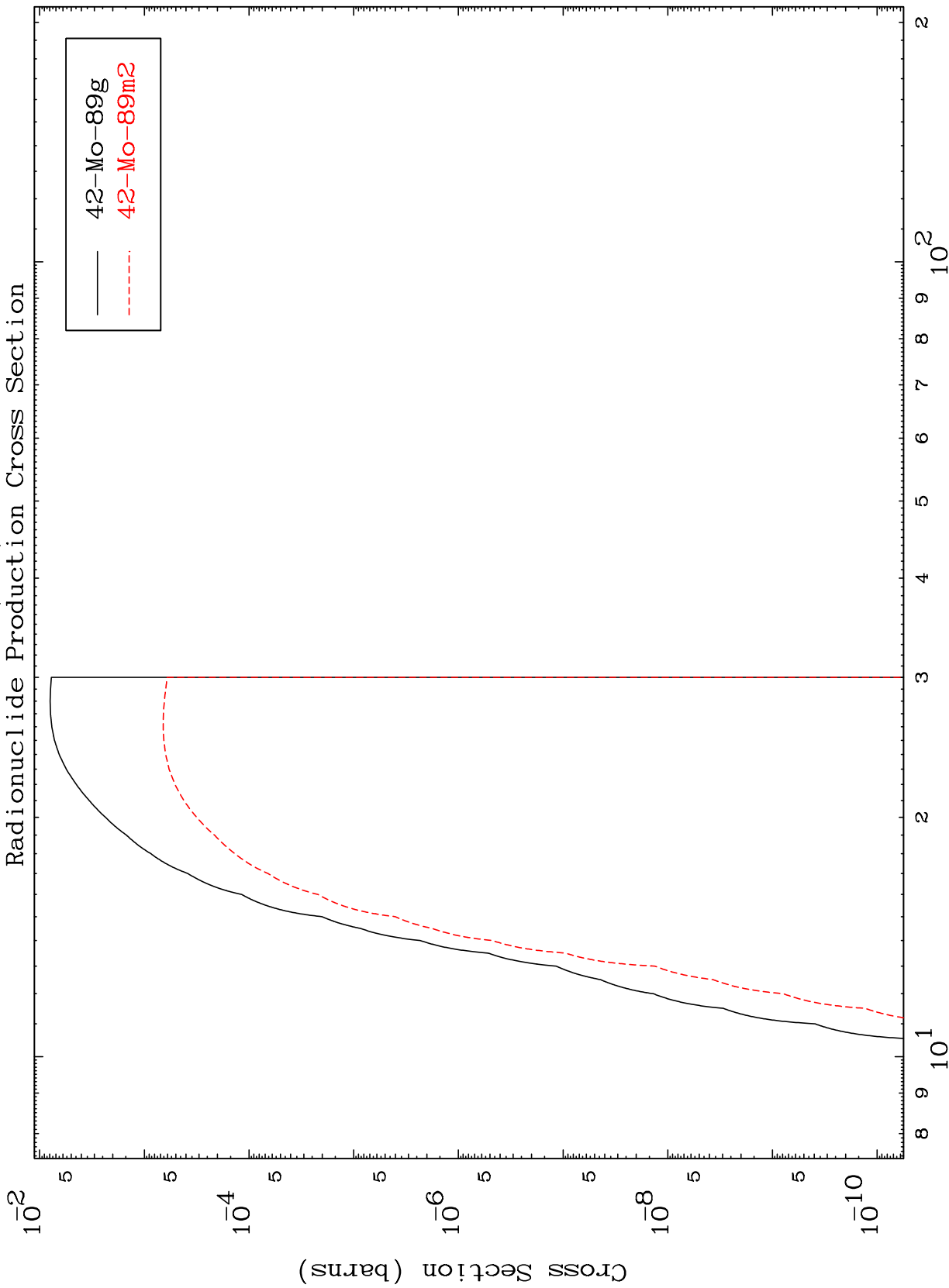
27

43-Tc-91

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43-Tc-91

(n, t)
Radionuclide Production Cross Section



Incident Energy (MeV)

43-Tc-91

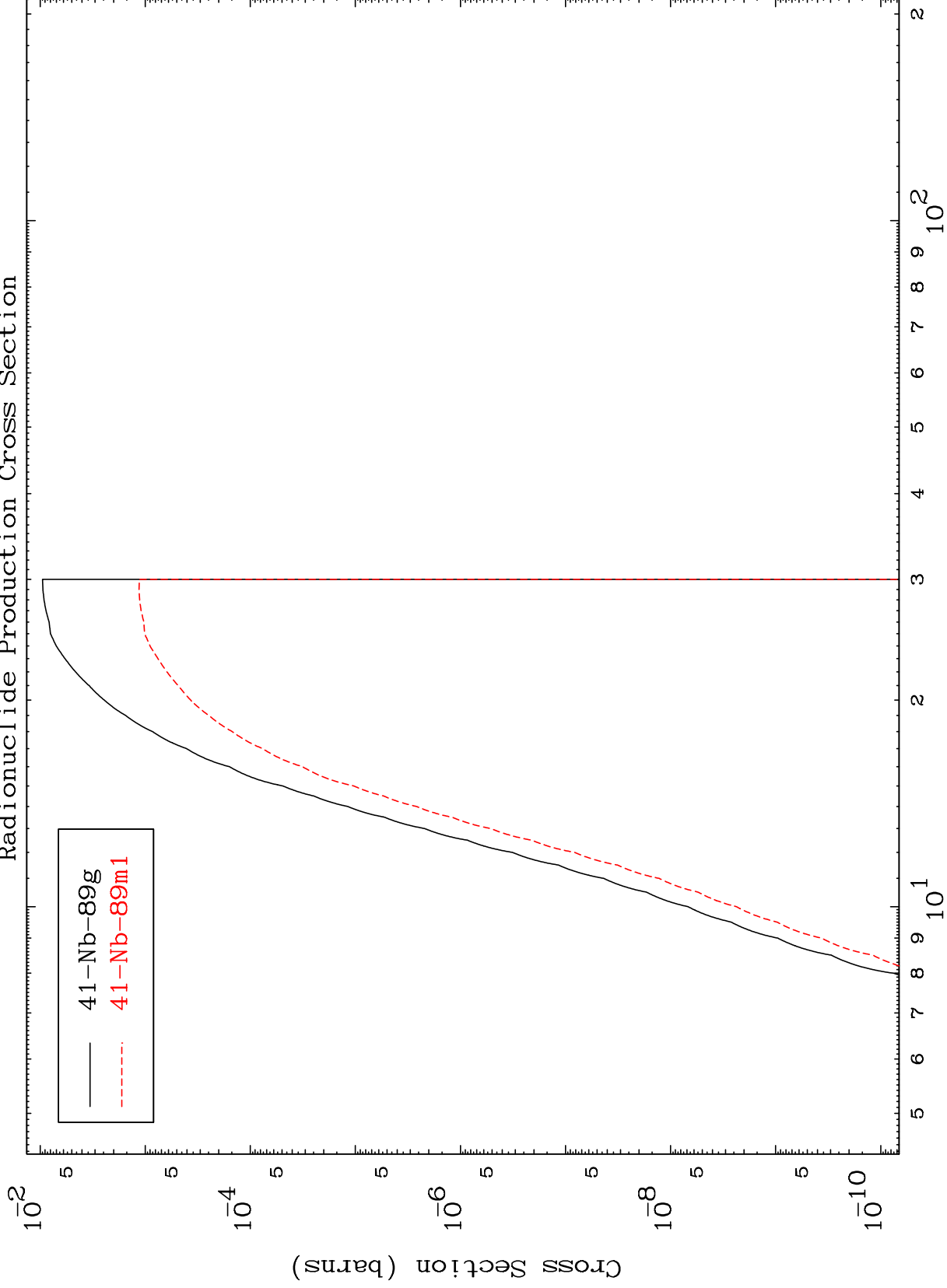
28

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(n,He-3)

43-Tc-91

Radionuclide Production Cross Section



41-Nb-89g
41-Nb-89m1

Incident Energy (MeV)

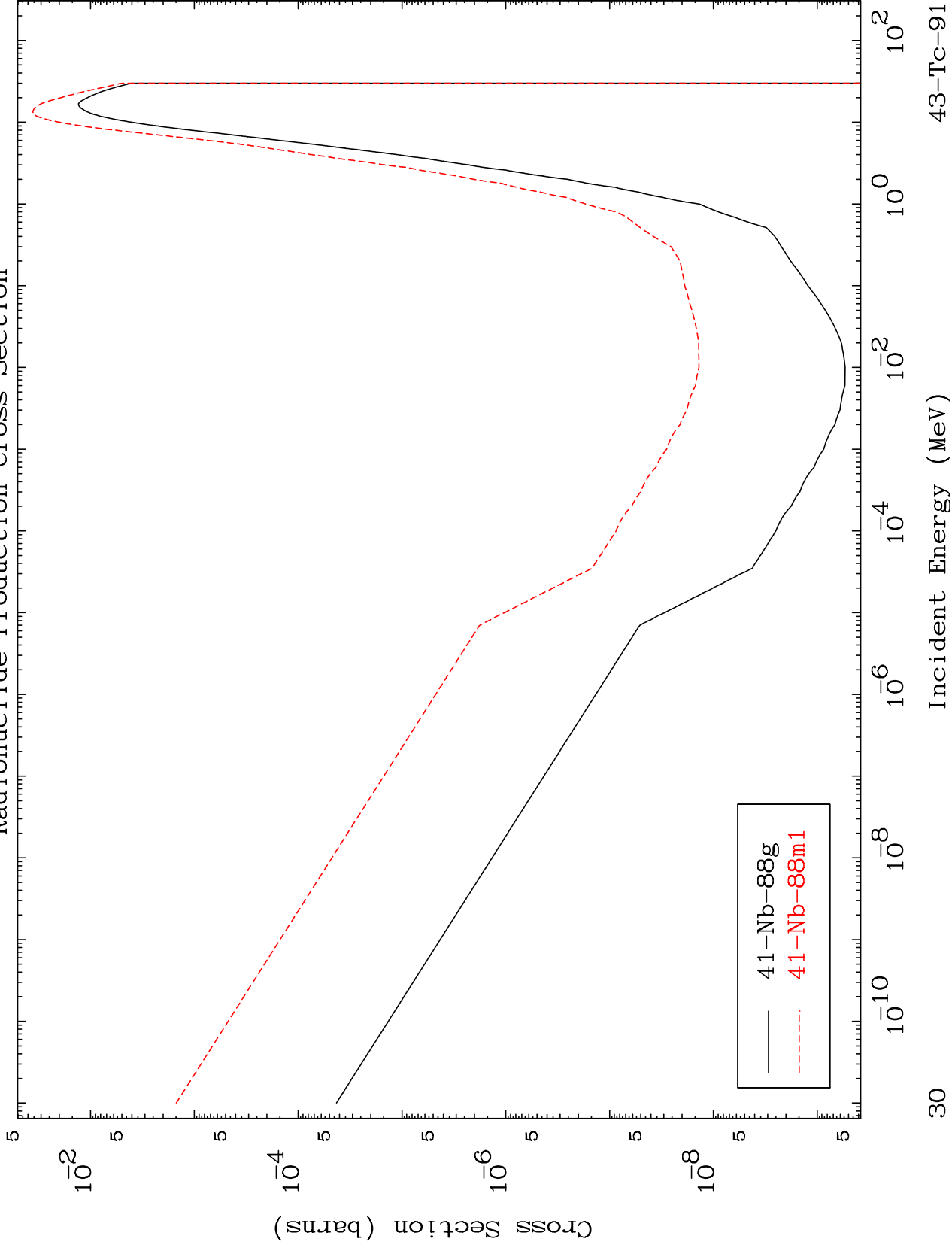
43-Tc-91

29

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43-Tc-91

(n, α)
Radionuclide Production Cross Section



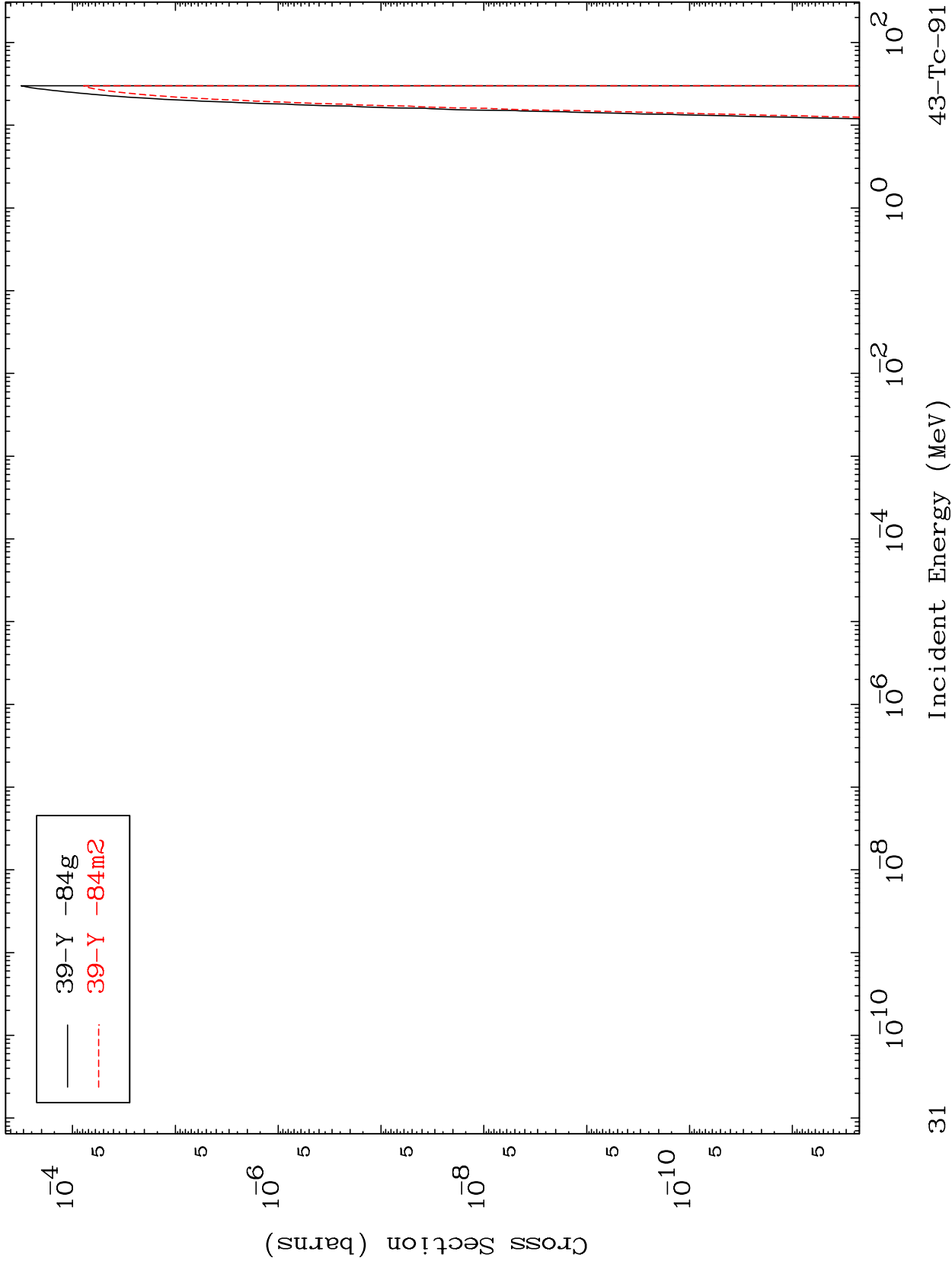
30

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(n,2α)

43-Tc-91

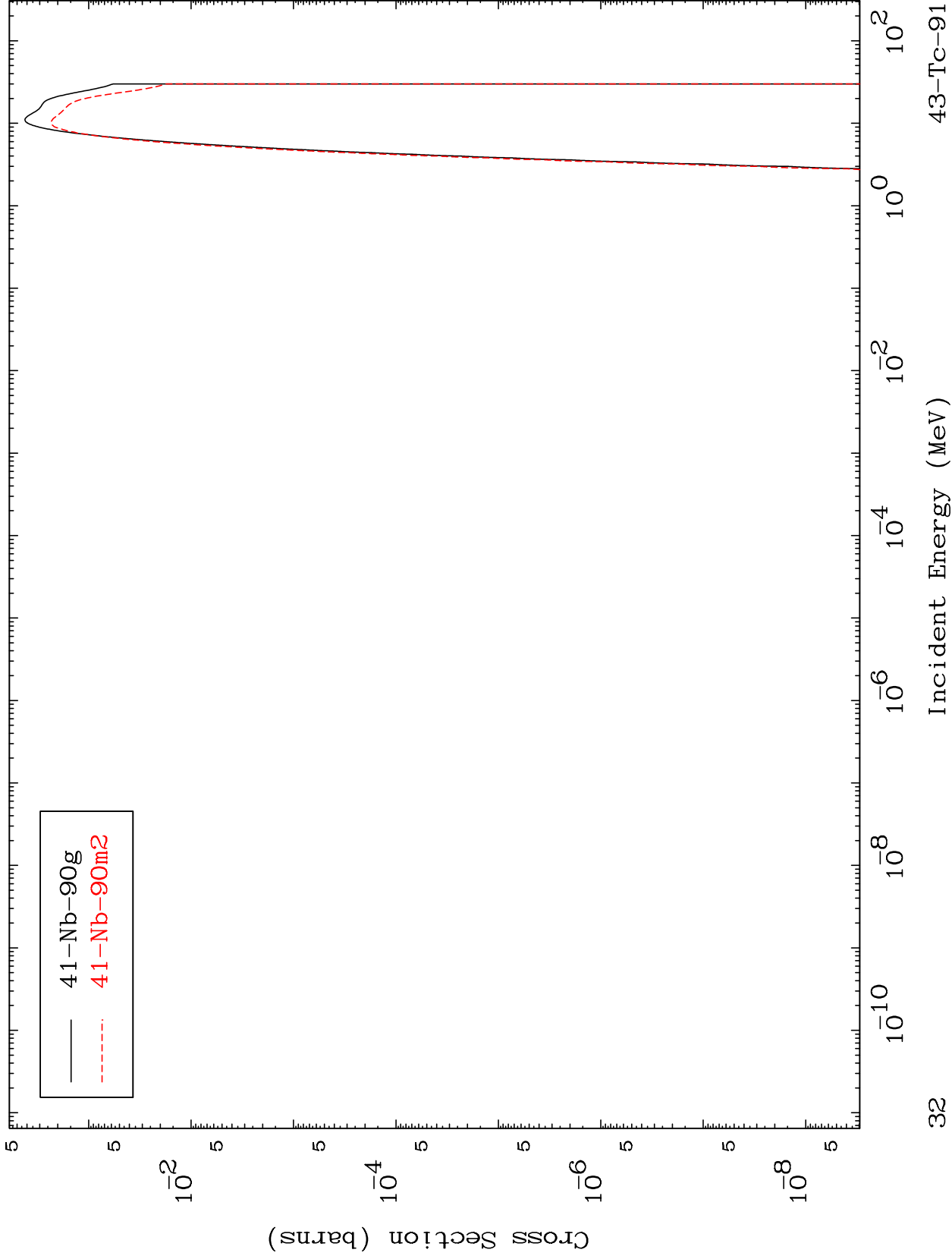
Radionuclide Production Cross Section



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43-Tc-91

(n,2p)
Radionuclide Production Cross Section

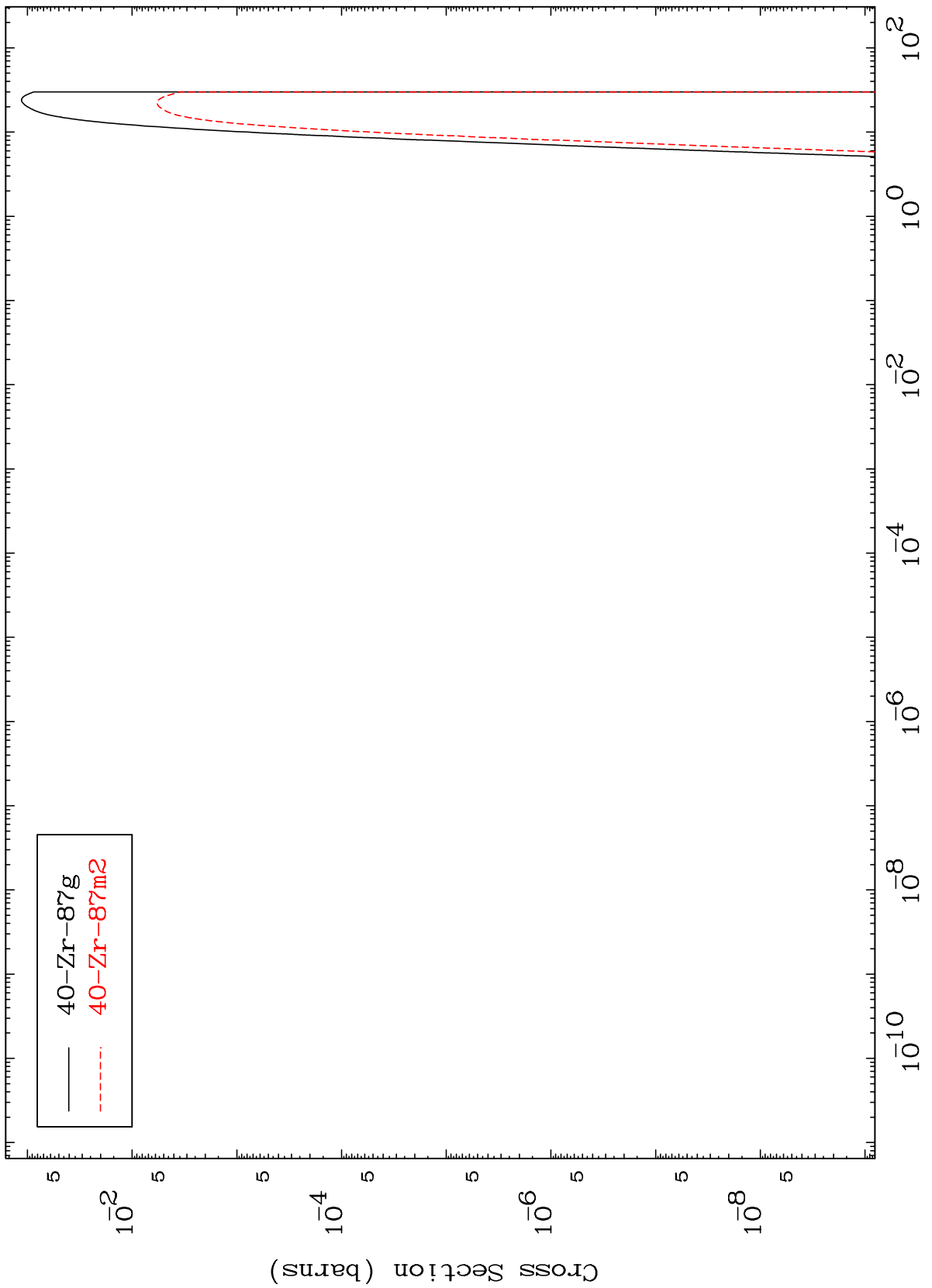


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(n,p) α

43-Tc-91

Radionuclide Production Cross Section

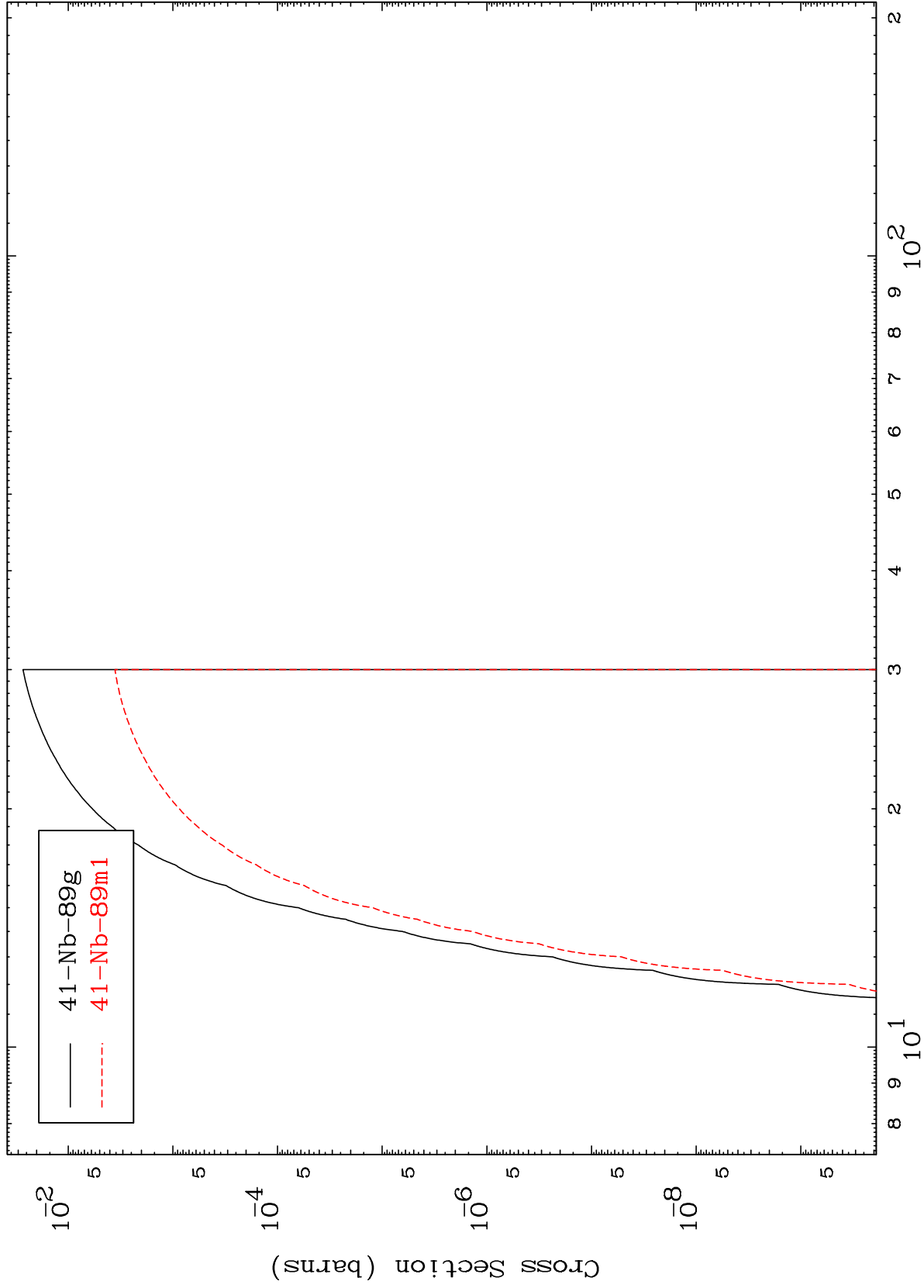


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(n,p) d

43-Tc-91

Radionuclide Production Cross Section



41-Nb-89g
41-Nb-89m1

Incident Energy (MeV)

43-Tc-91

34

