

Program EVALPLOT
(Version 2018-1)

by

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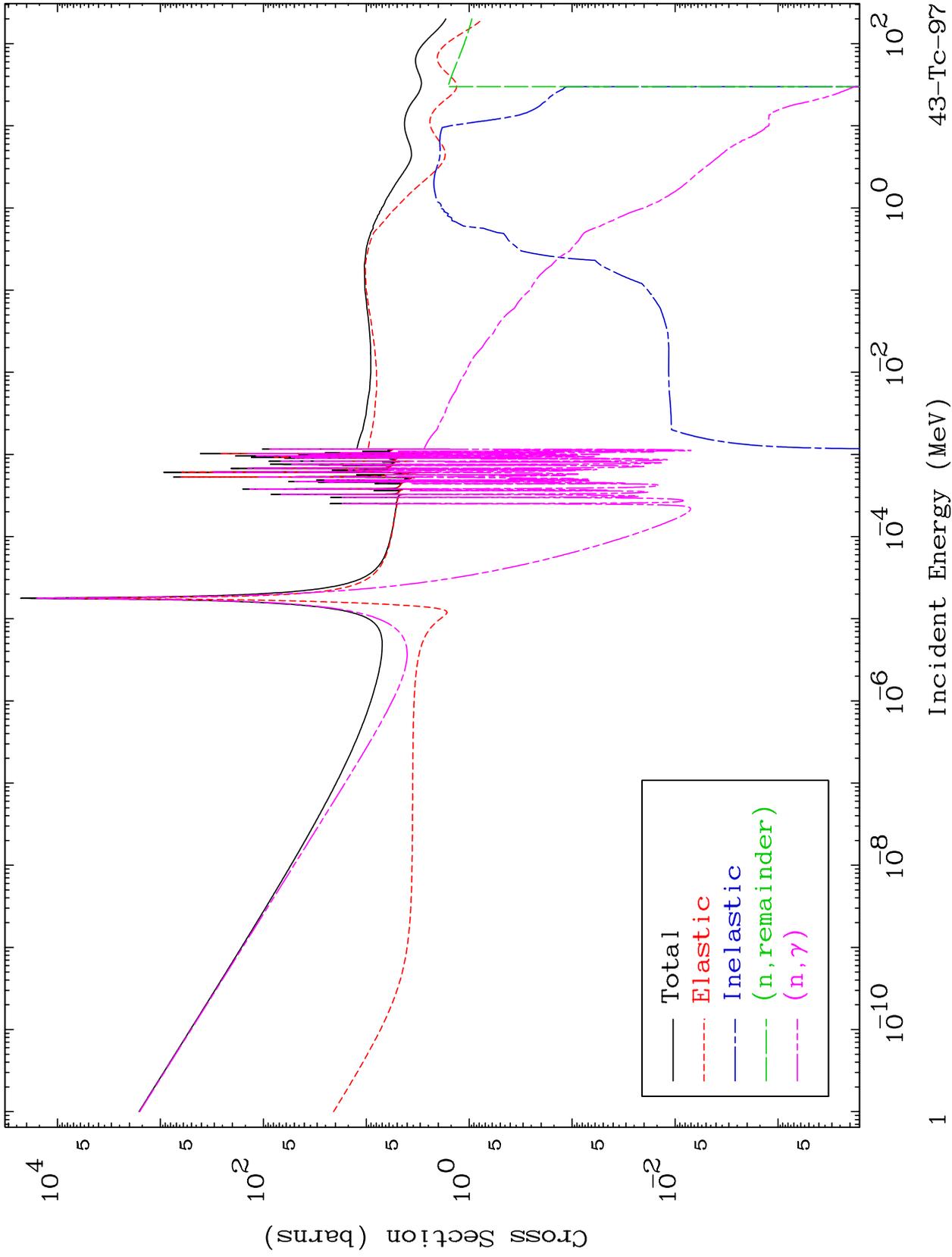
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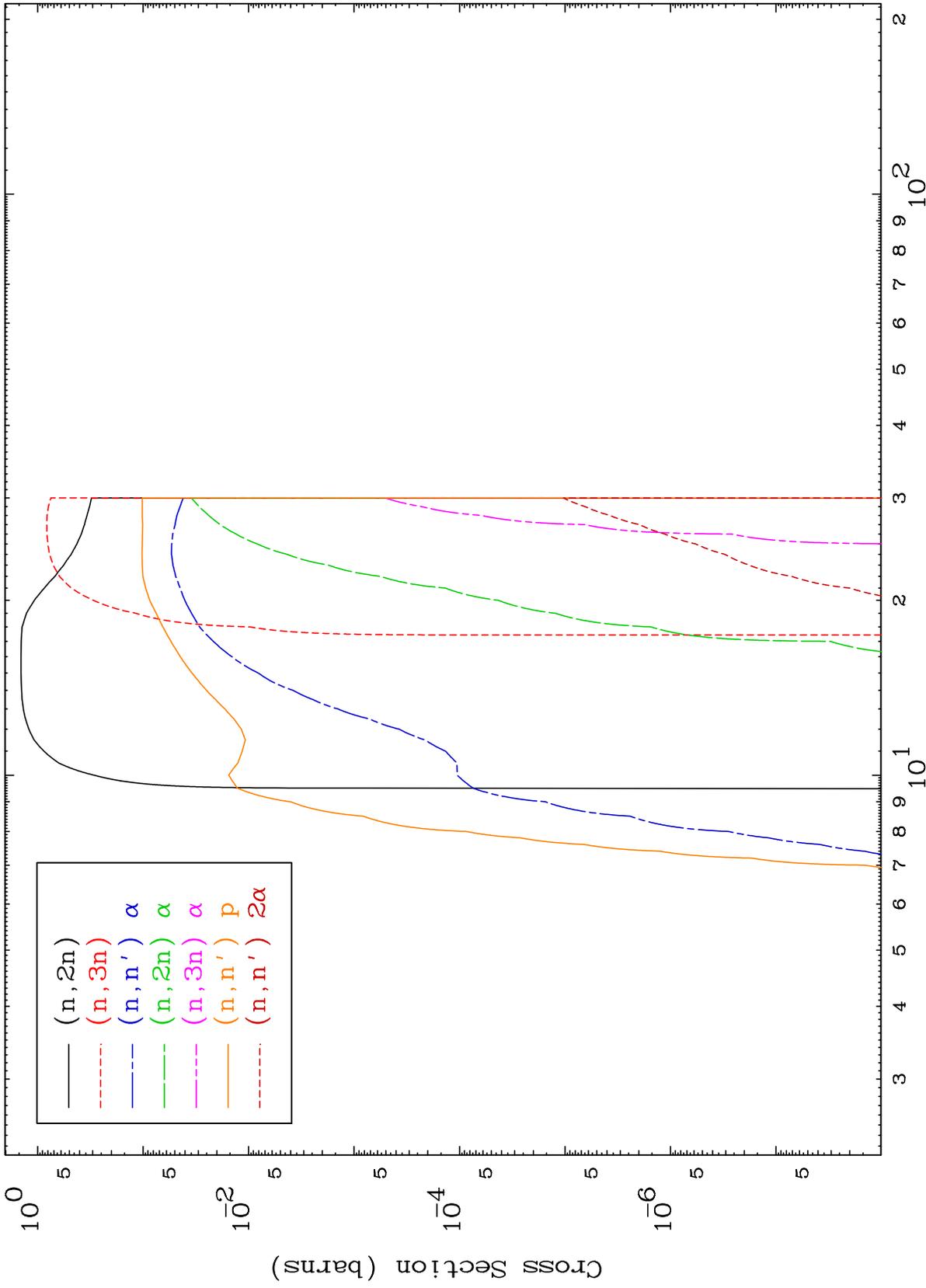
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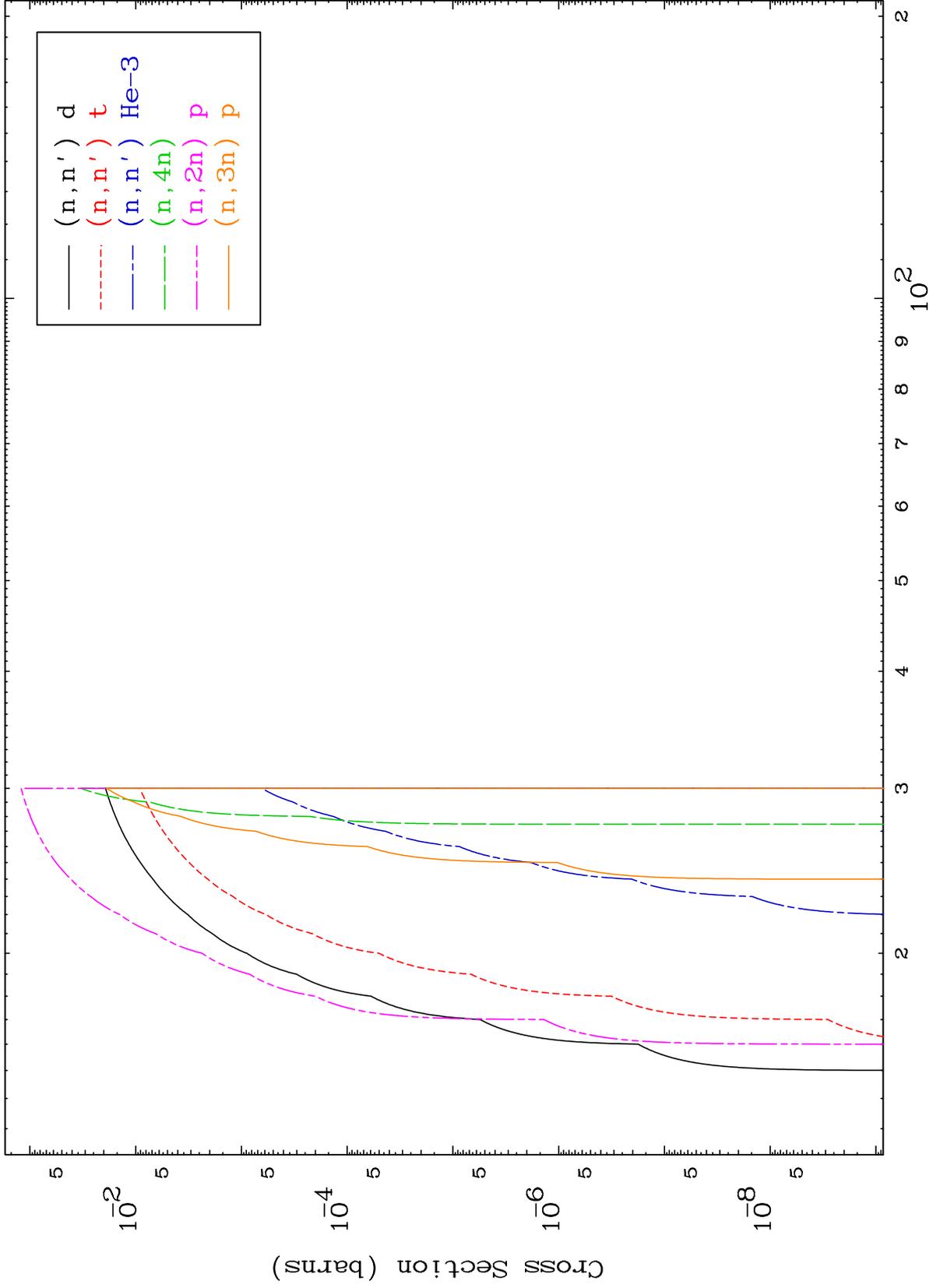
MAT 4320

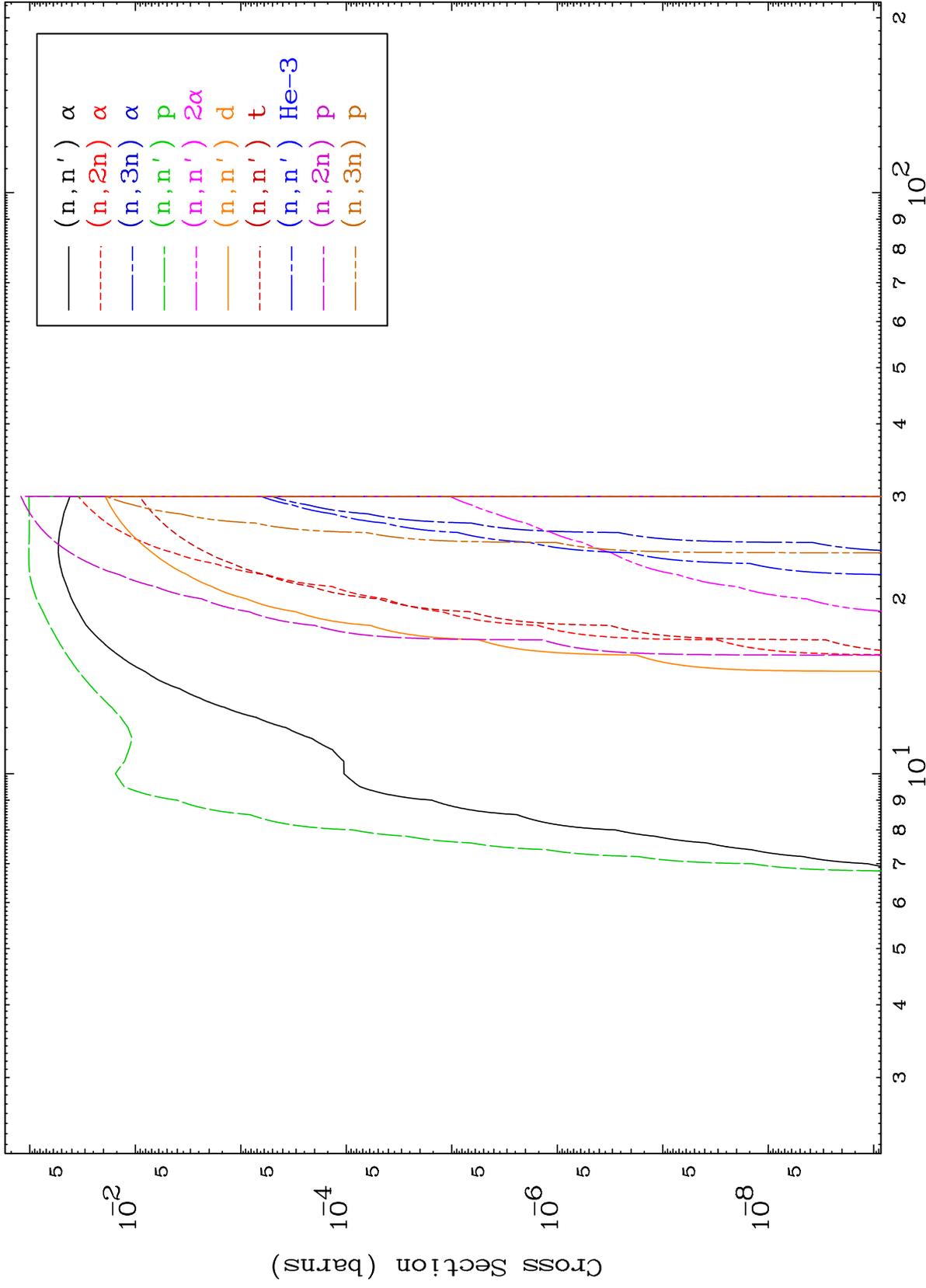
Major
293 Kelvin Cross Sections

43-Tc-97





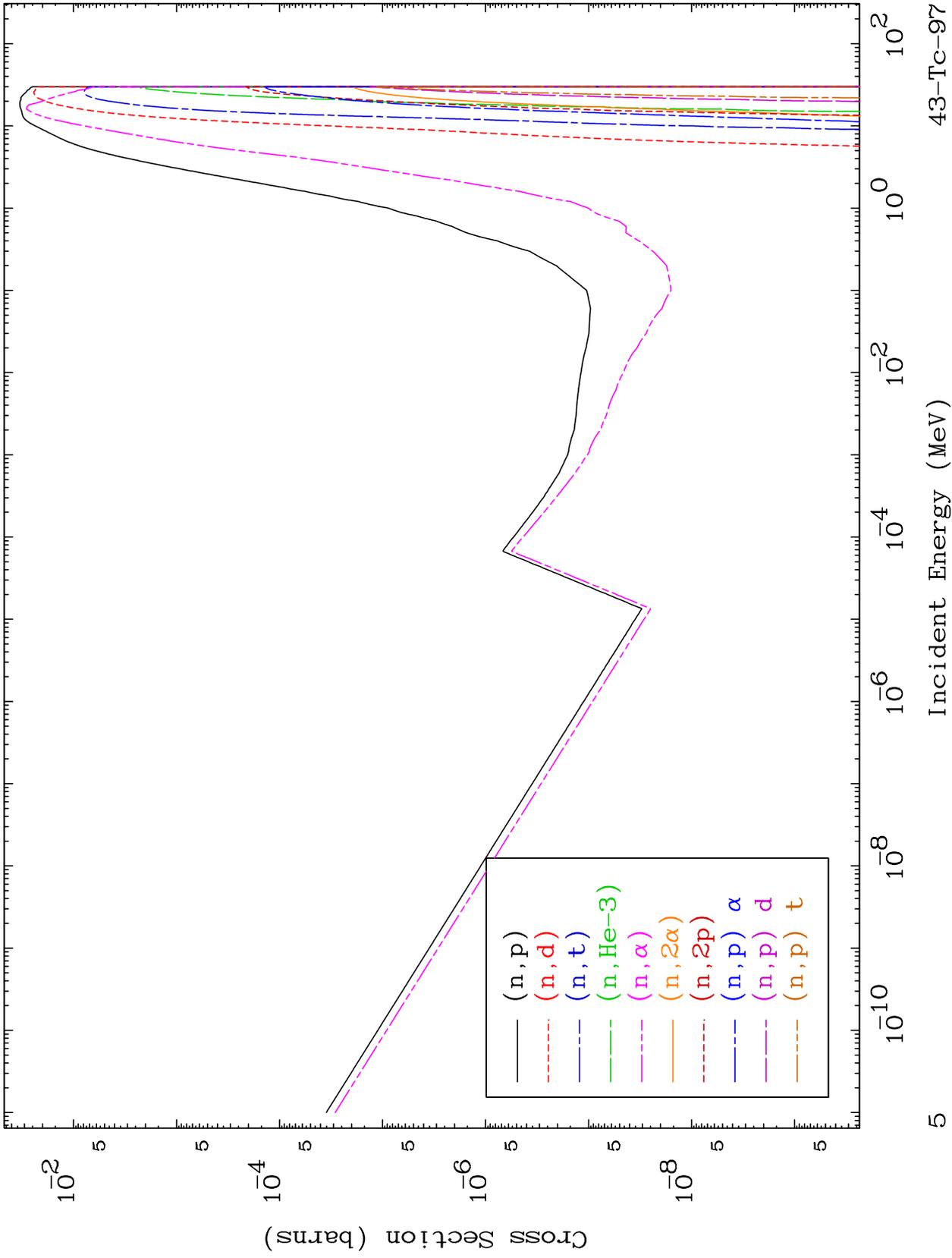




MAT 4320

Charged Particle
293 Kelvin Cross Sections

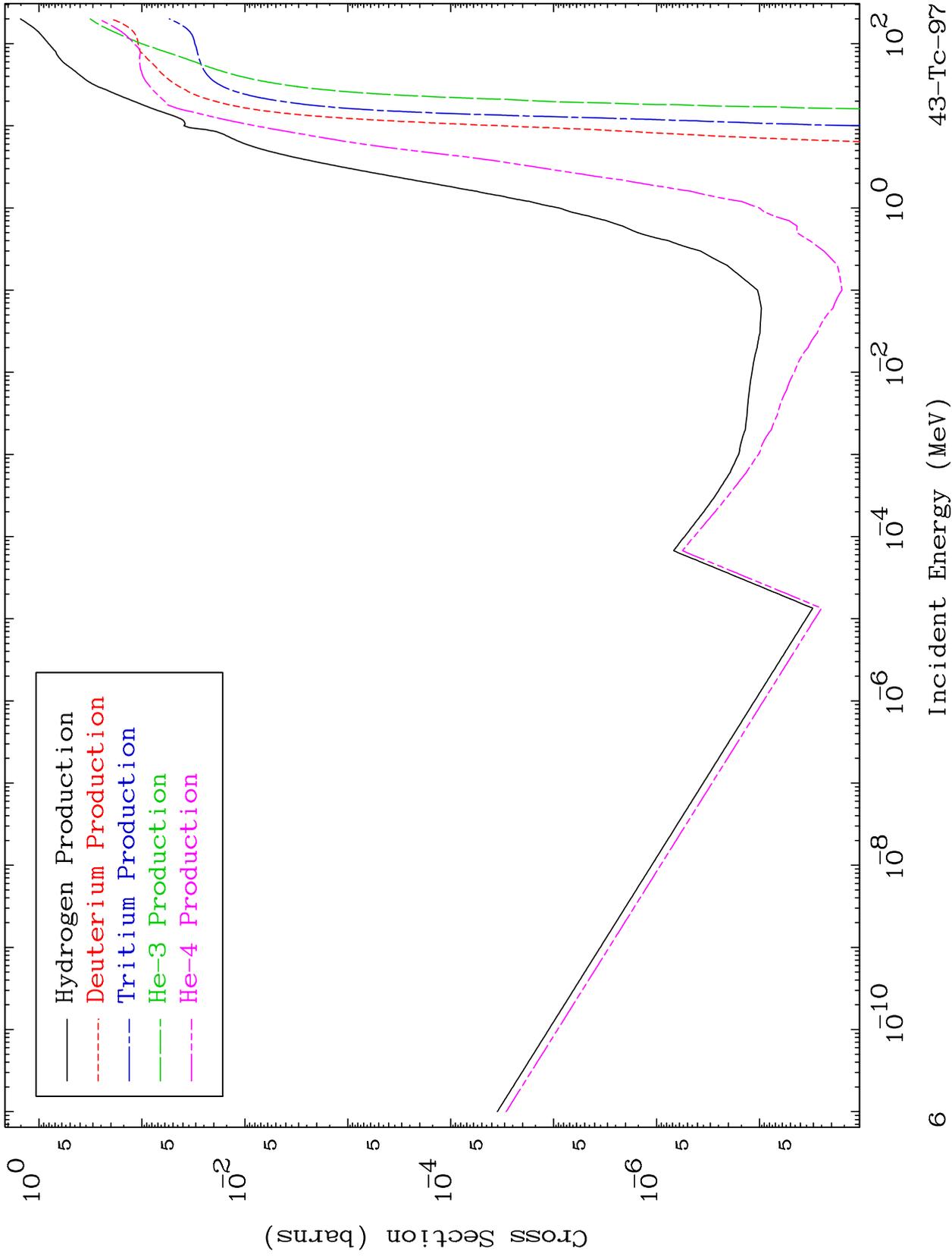
43-Tc-97



MAT 4320

Particle Production
293 Kelvin Cross Sections

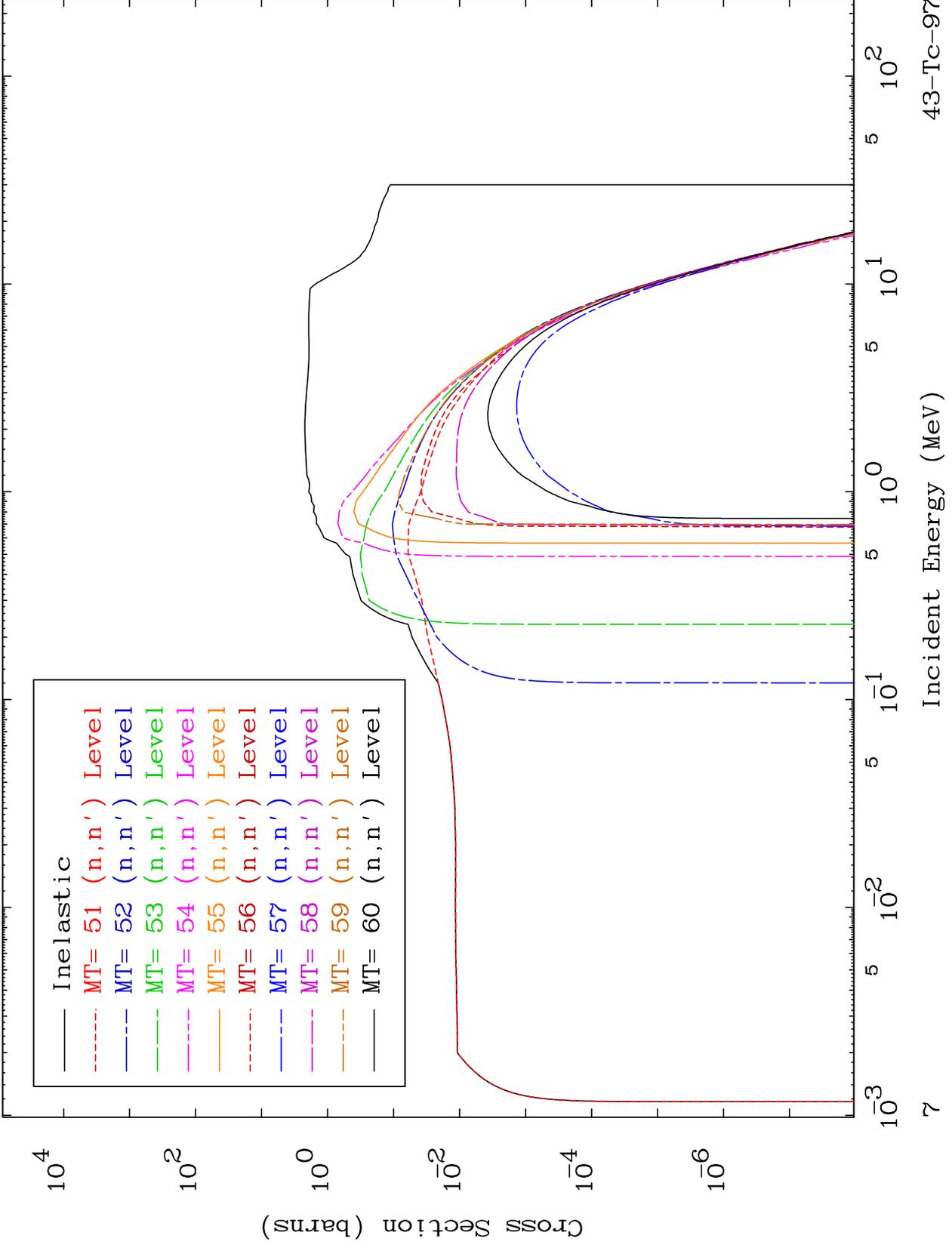
43-Tc-97



MAT 4320

(n,n') Level
293 Kelvin Cross Sections

43-Tc-97



43-Tc-97

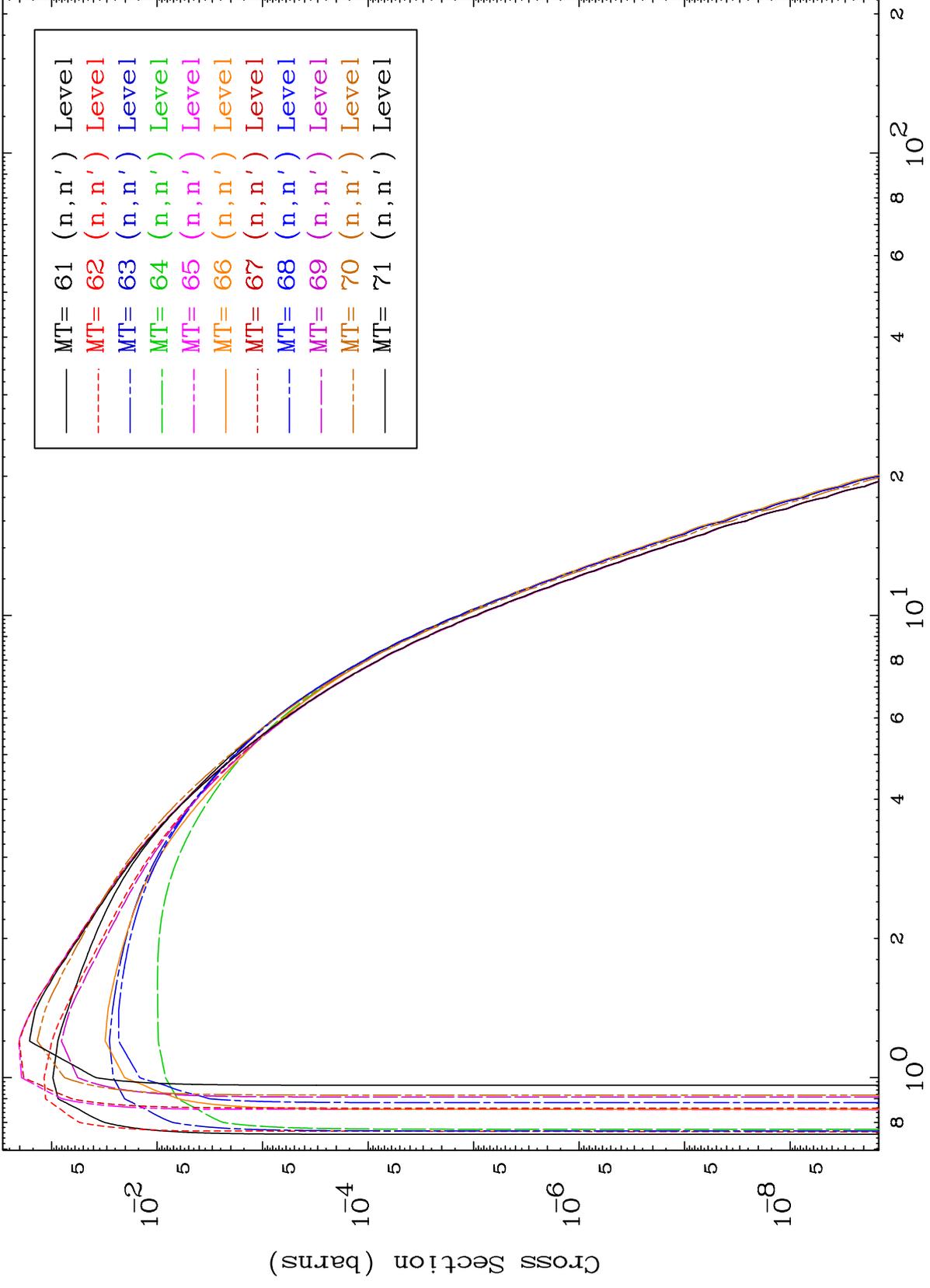
Incident Energy (MeV)

MAT 4320

(n,n') Level

43-Tc-97

293 Kelvin Cross Sections



Incident Energy (MeV)

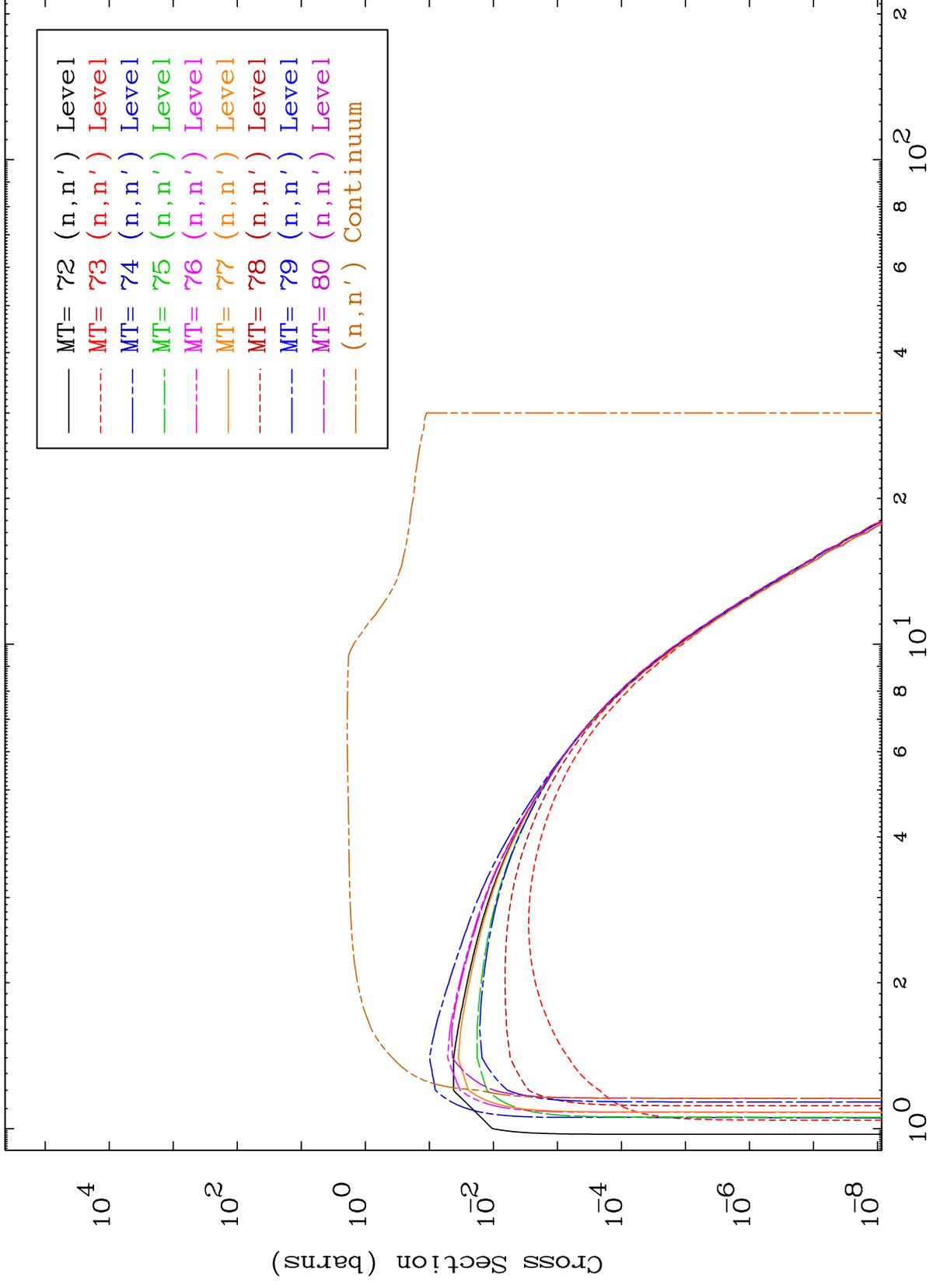
43-Tc-97

MAT 4320

(n,n') Level

43-Tc-97

293 Kelvin Cross Sections



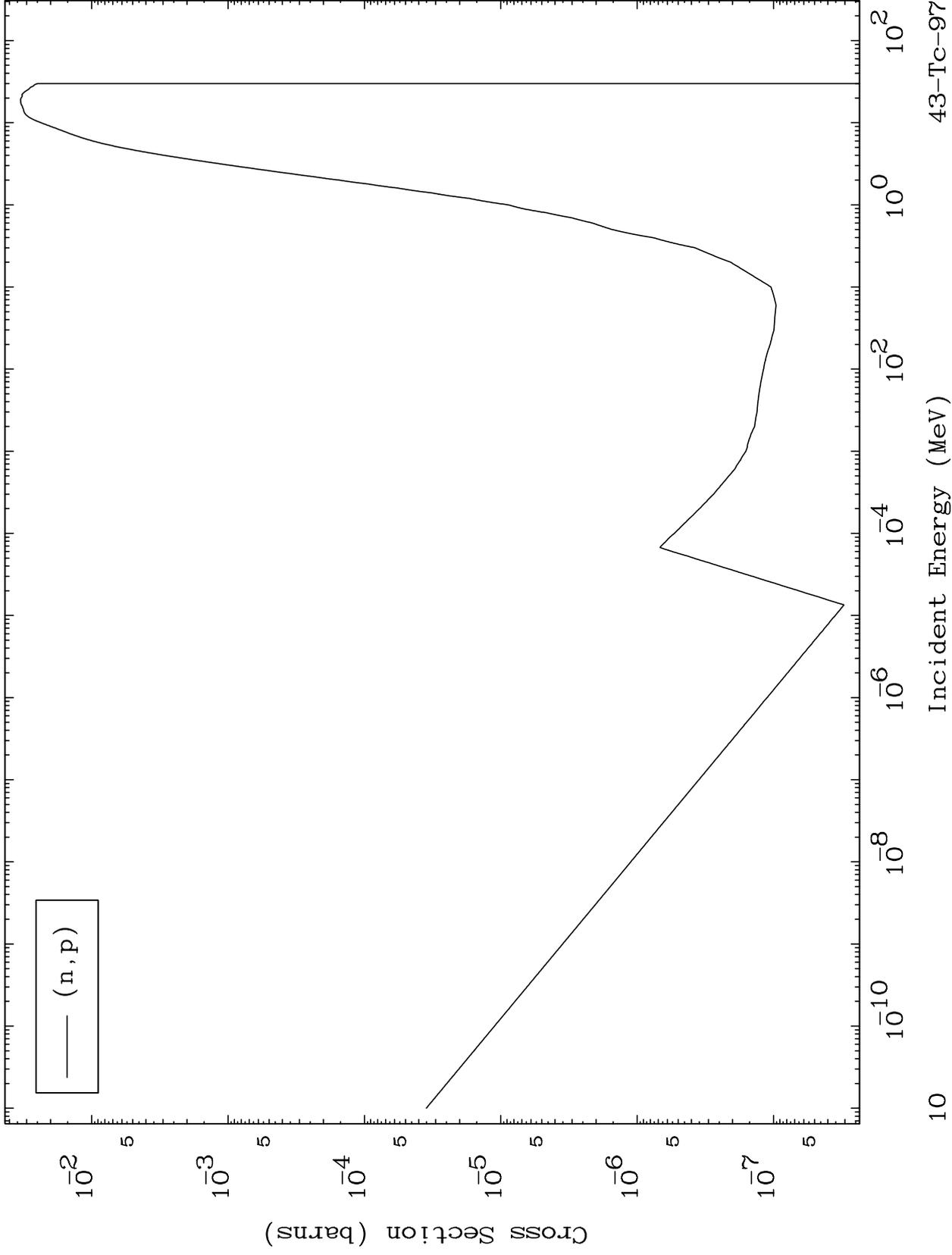
Incident Energy (MeV)

43-Tc-97

MAT 4320

(n,p) Levels
293 Kelvin Cross Sections

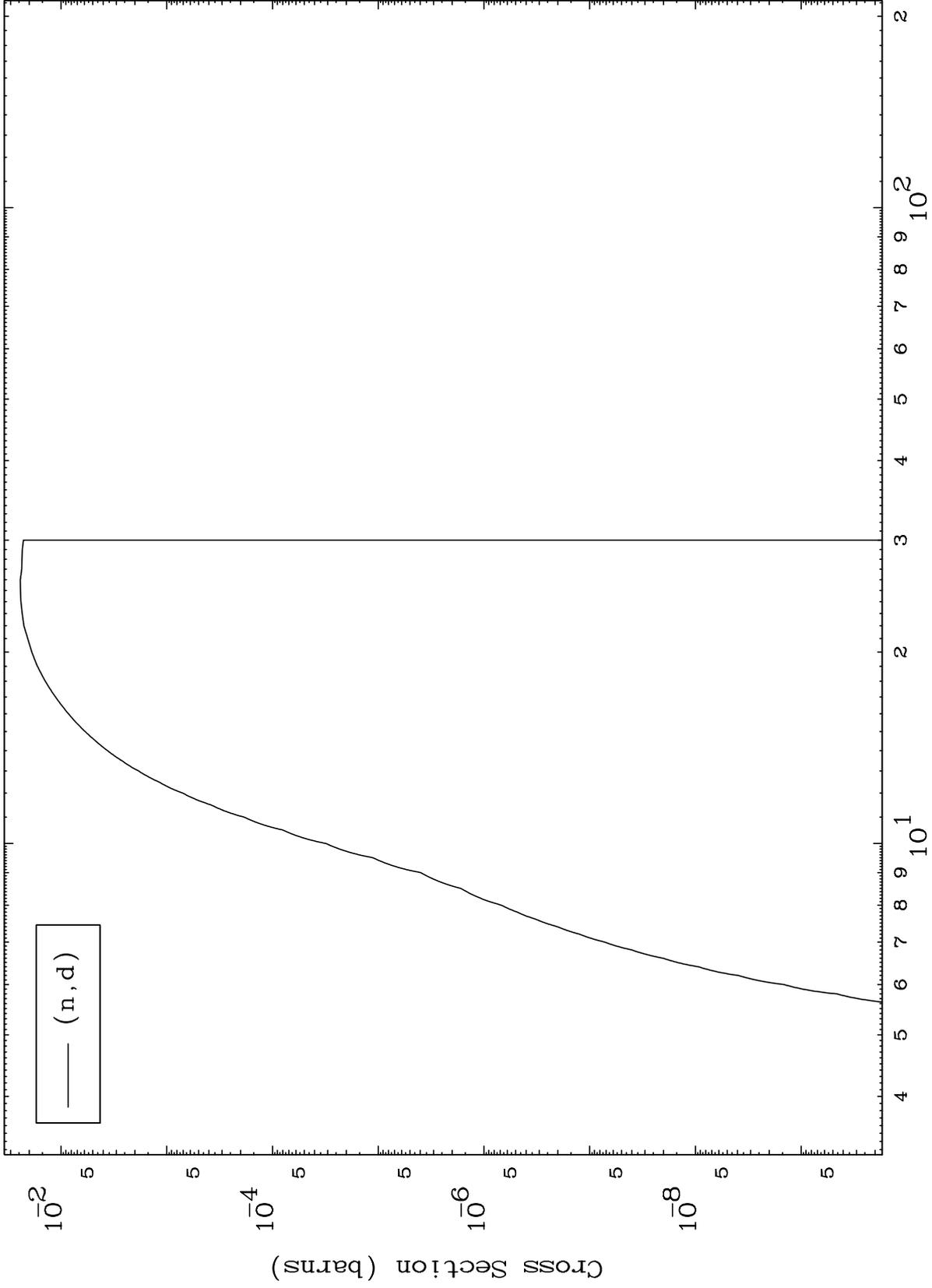
43-Tc-97



MAT 4320

(n,d) Levels
293 Kelvin Cross Sections

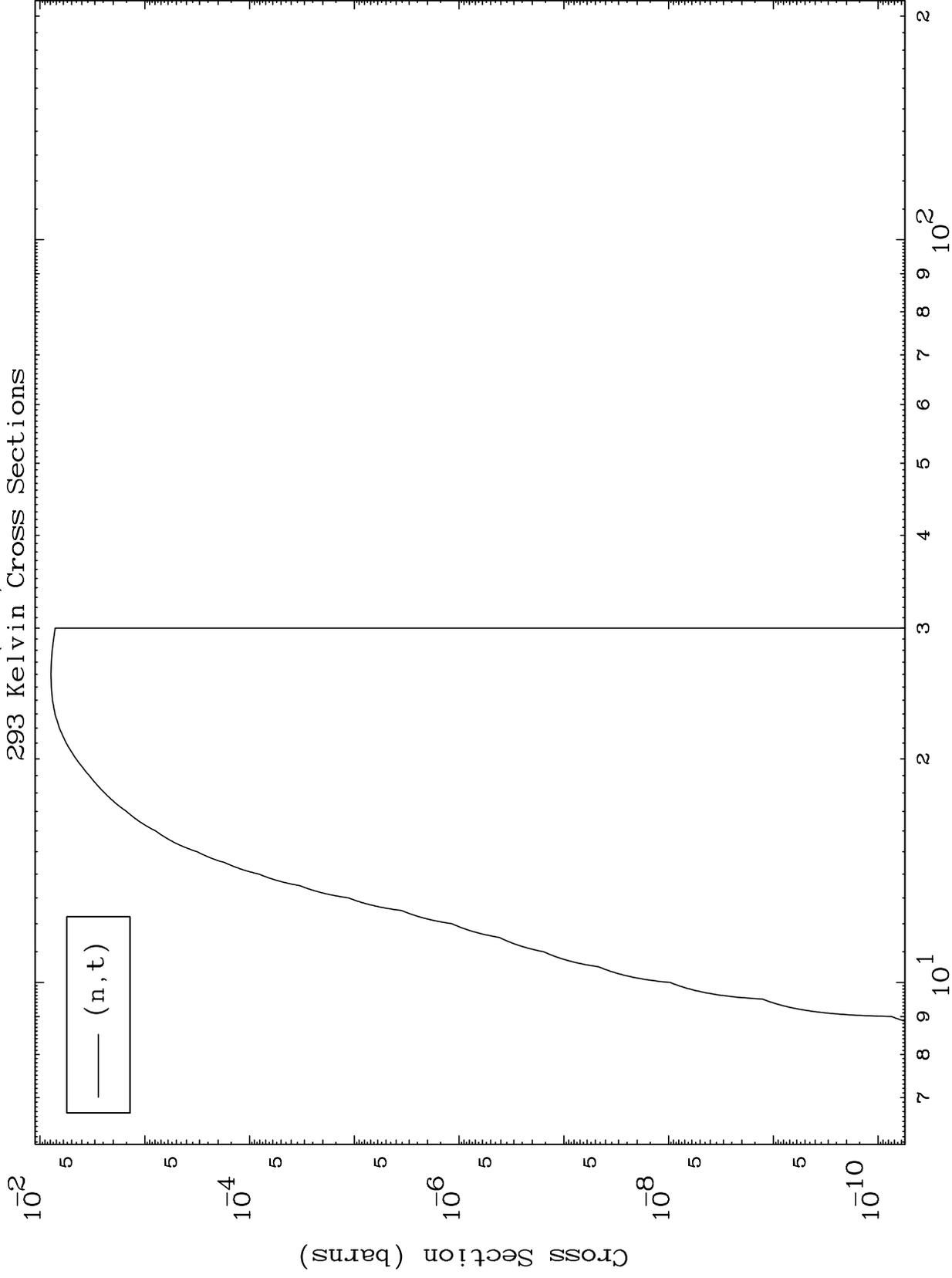
43-Tc-97



MAT 4320

(n,t) Levels
293 Kelvin Cross Sections

43-Tc-97



12

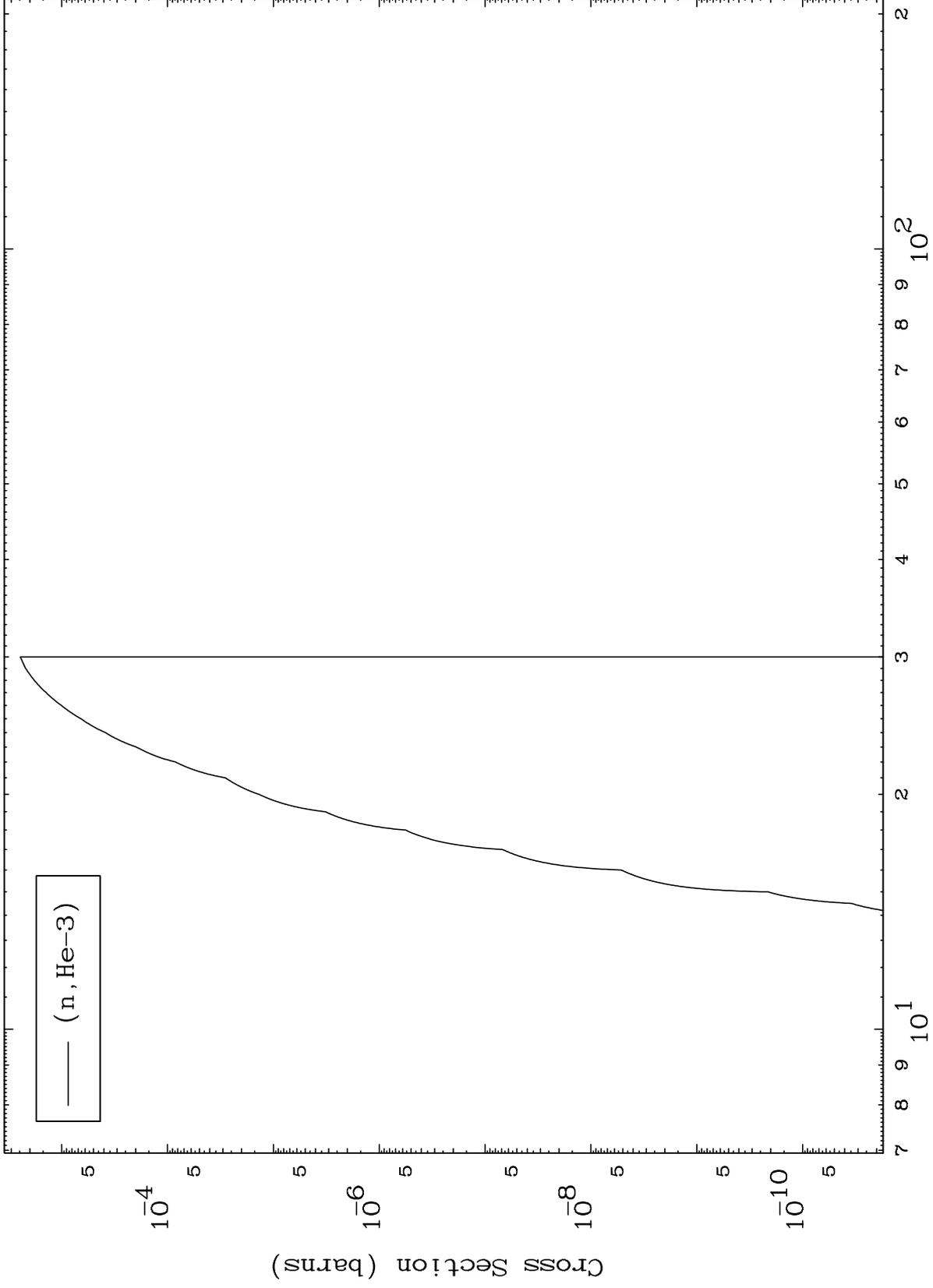
Incident Energy (MeV)

43-Tc-97

MAT 4320

(n,He3) Levels
293 Kelvin Cross Sections

43-Tc-97



13

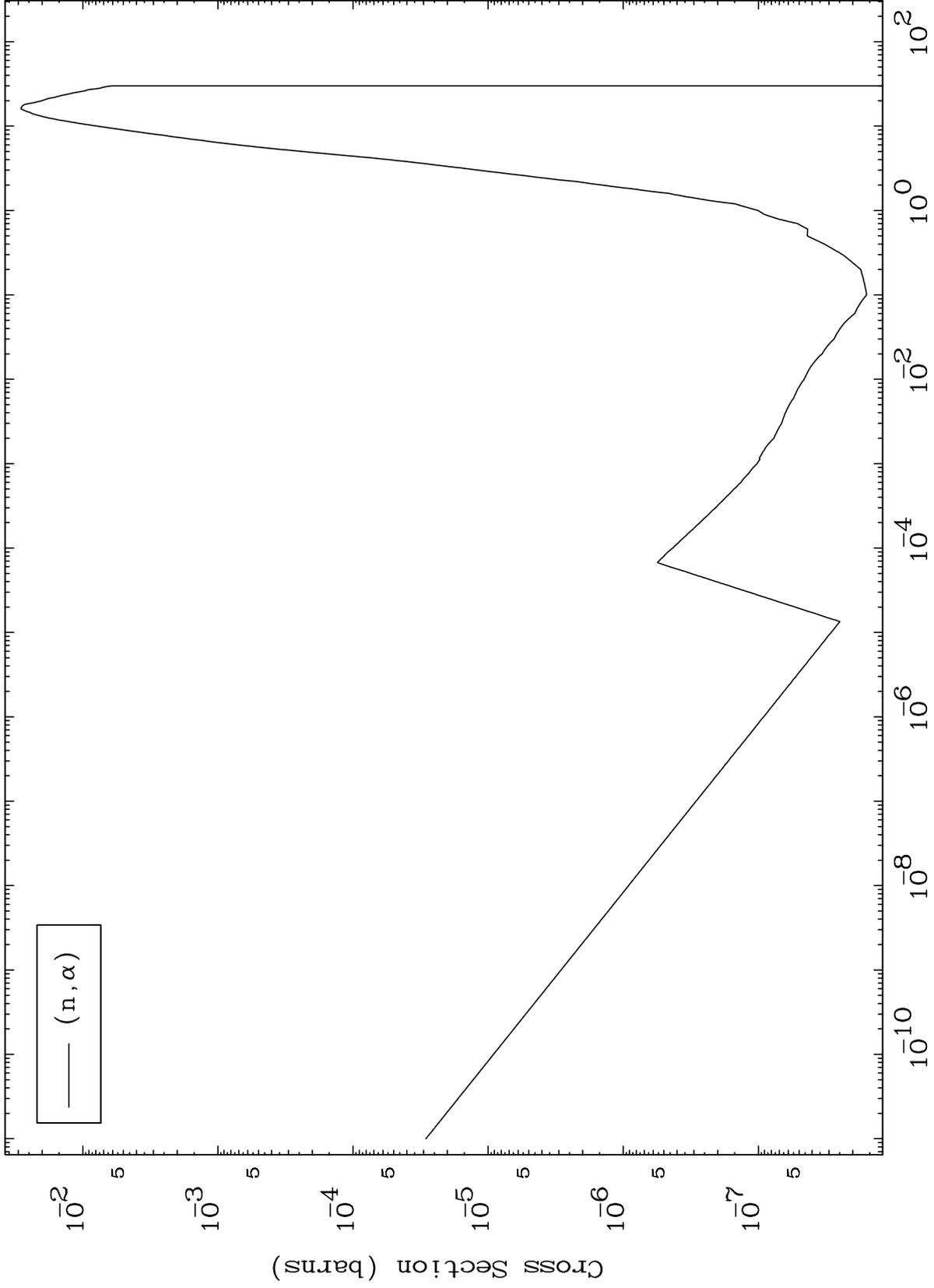
Incident Energy (MeV)

43-Tc-97

MAT 4320

(n, α) Levels
293 Kelvin Cross Sections

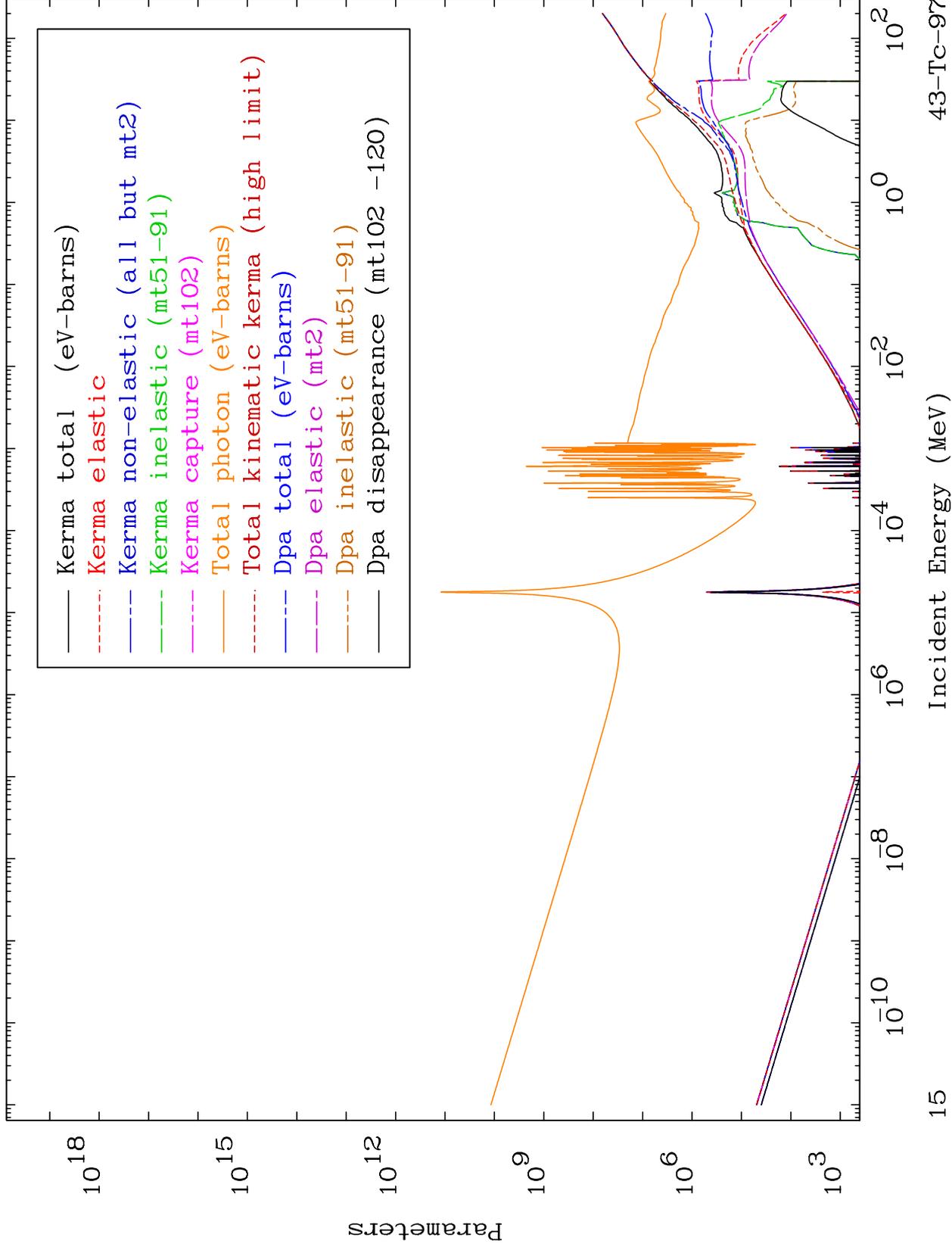
43-Tc-97



14

Incident Energy (MeV)

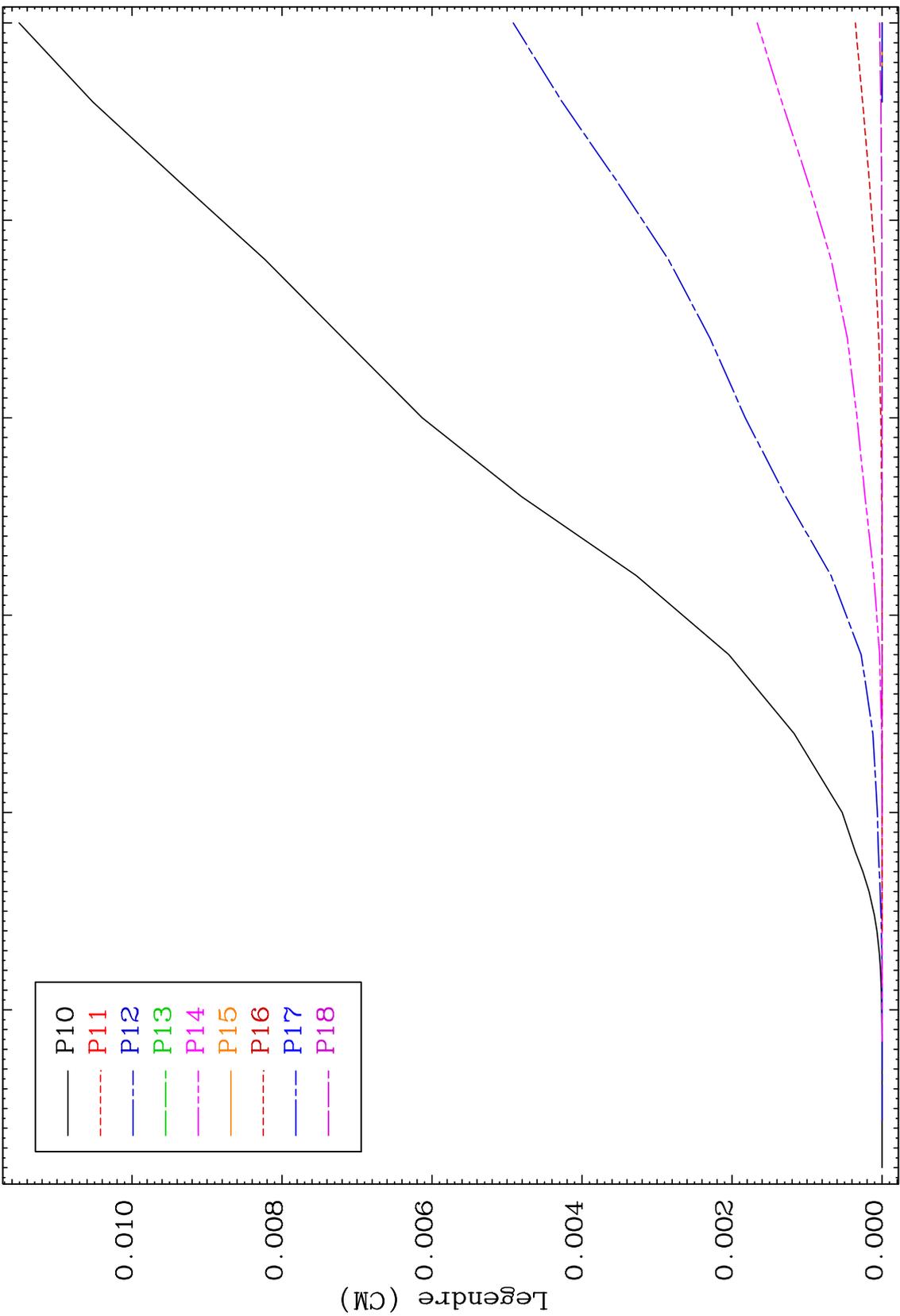
43-Tc-97



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Elastic Legendre Coefficients

43-Tc-97



17

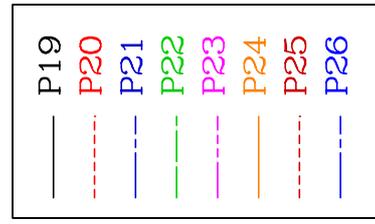
43-Tc-97

Incident Energy (MeV)

MAT 4320

Elastic
Legendre Coefficients

43-Tc-97



$\times 10^{-6}$

1.5

Legendre (CM)

1.0

0.5

0.0

15

20

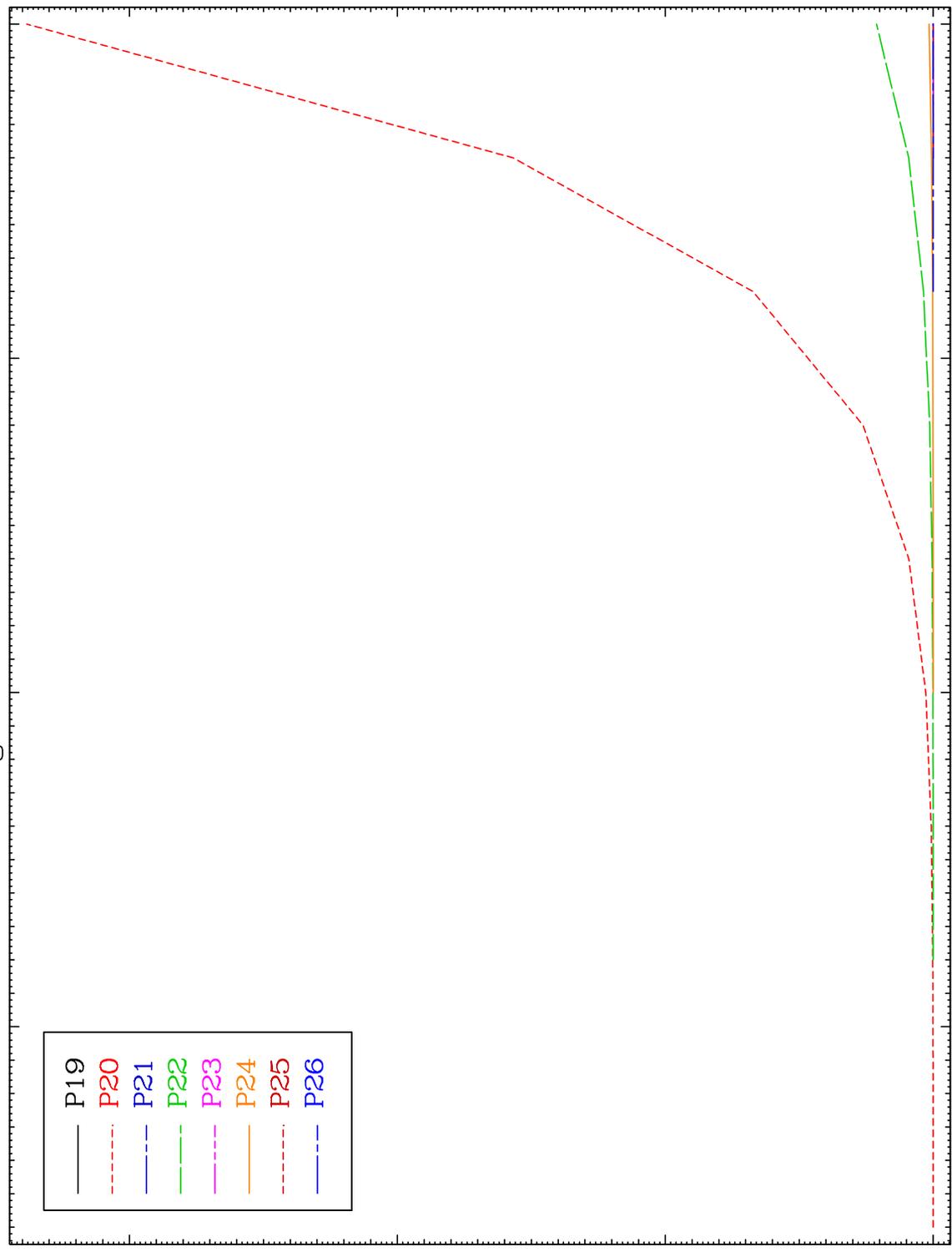
25

30

18

Incident Energy (MeV)

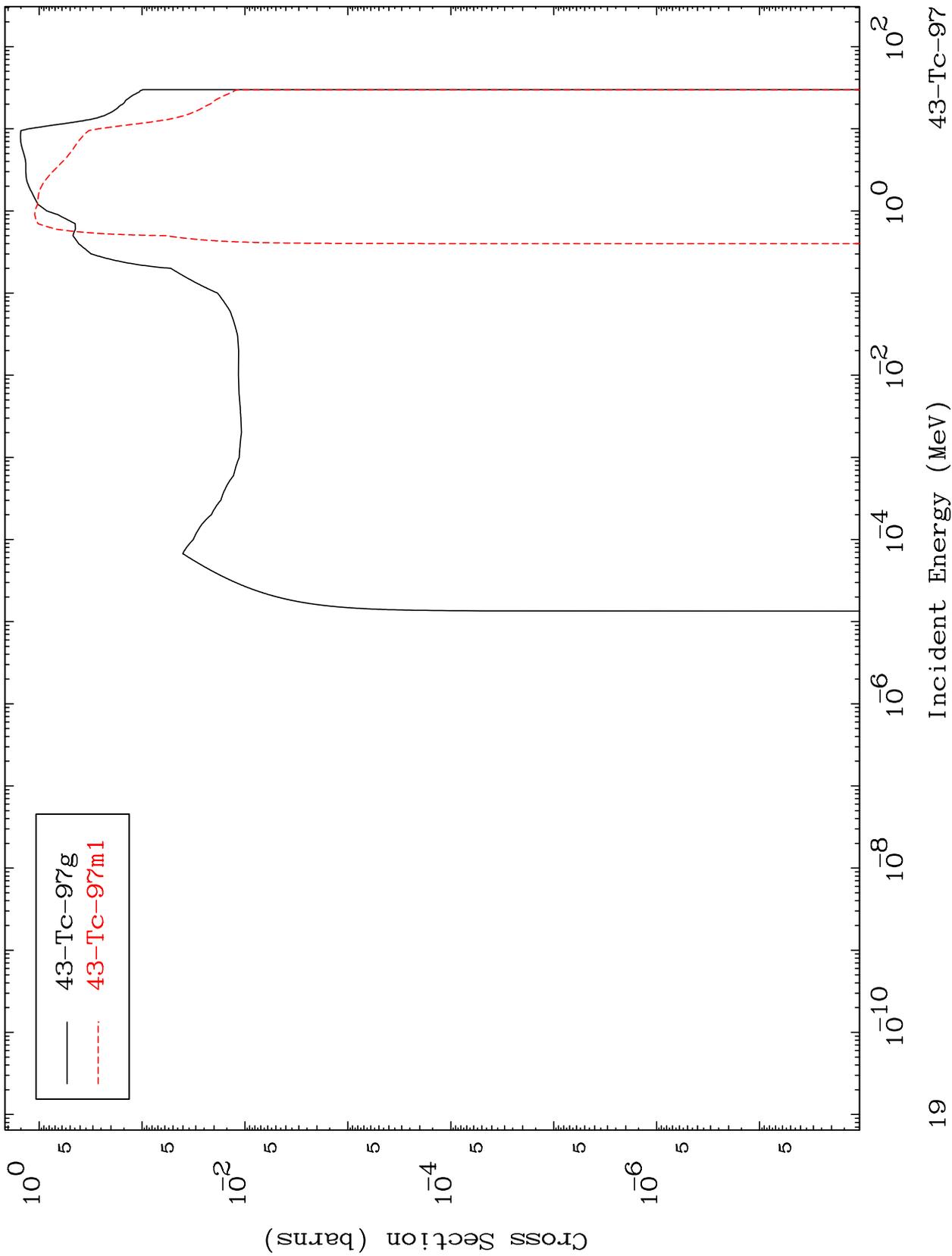
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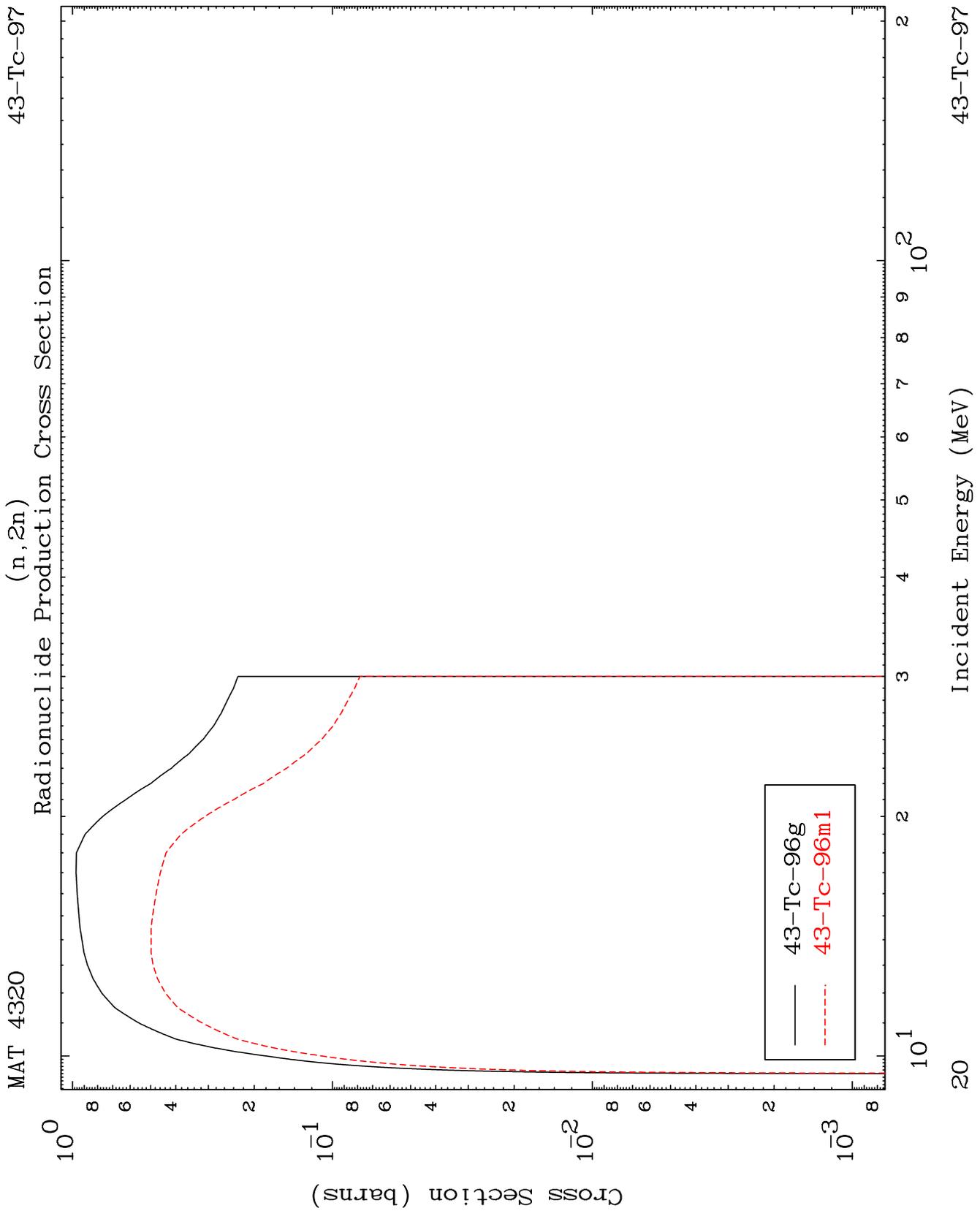


MAT 4320

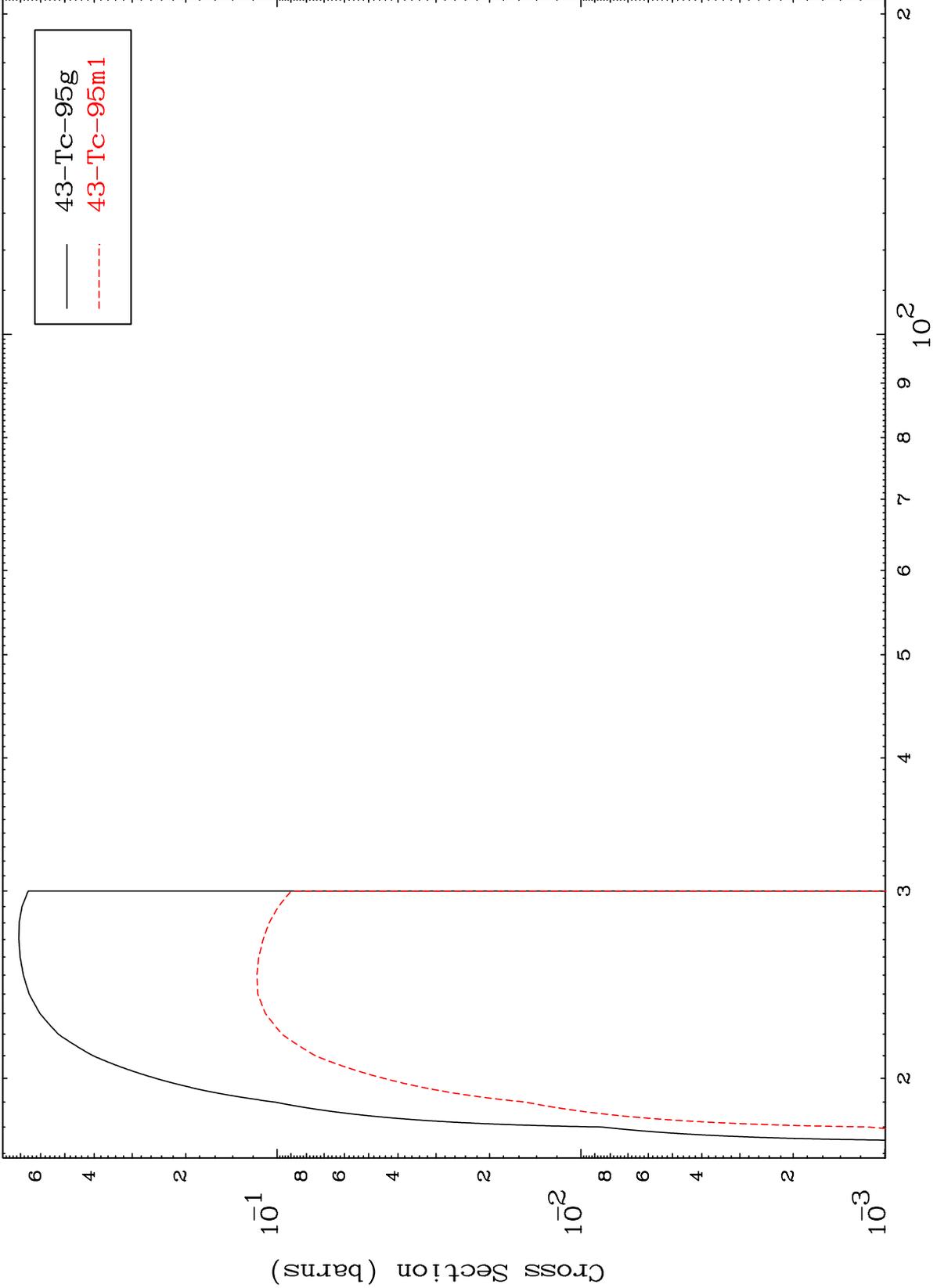
43-Tc-97

Inelastic
Radionuclide Production Cross Section





Radionuclide Production Cross Section

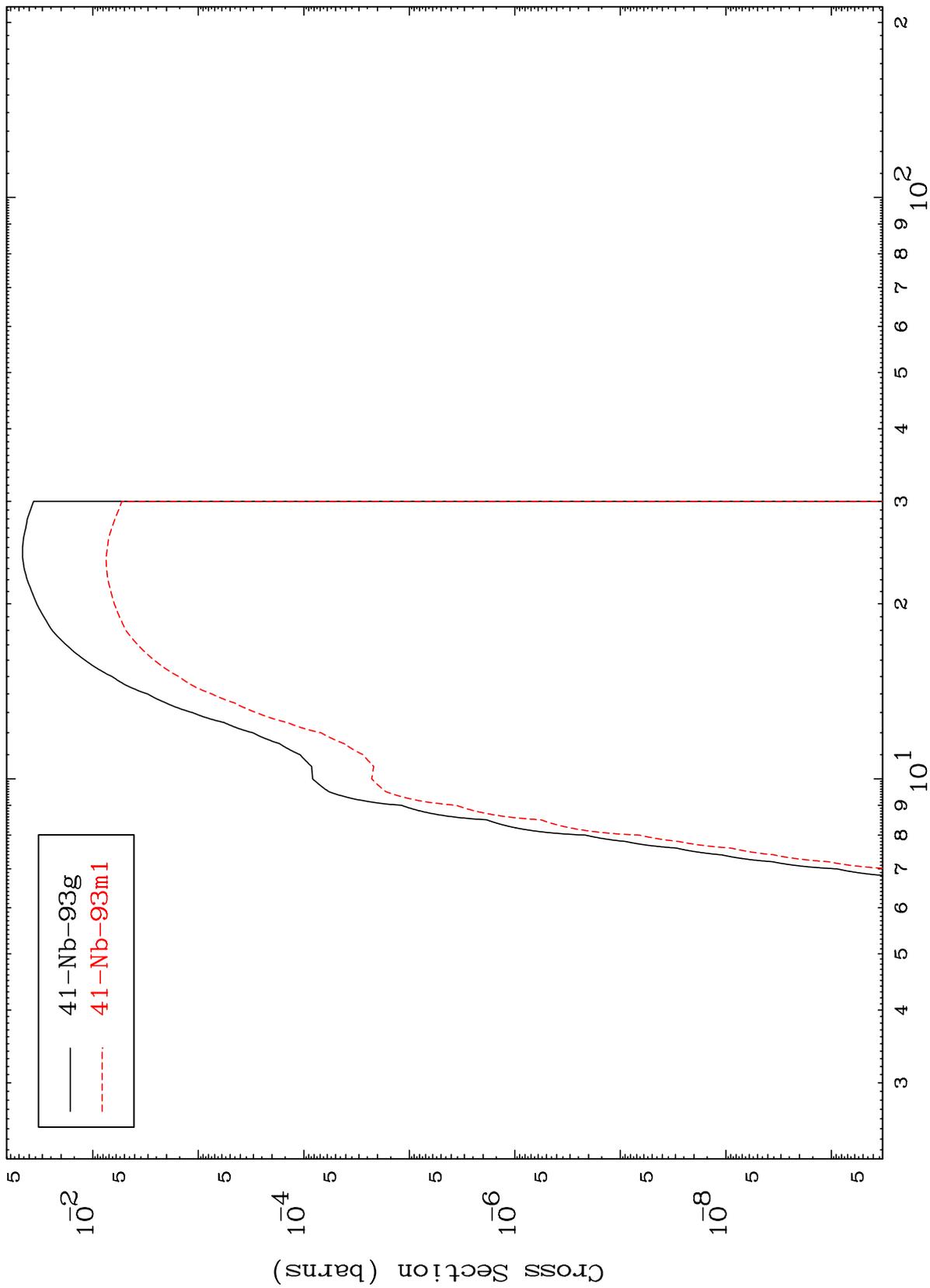


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(n,n') α

43-Tc-97

Radionuclide Production Cross Section

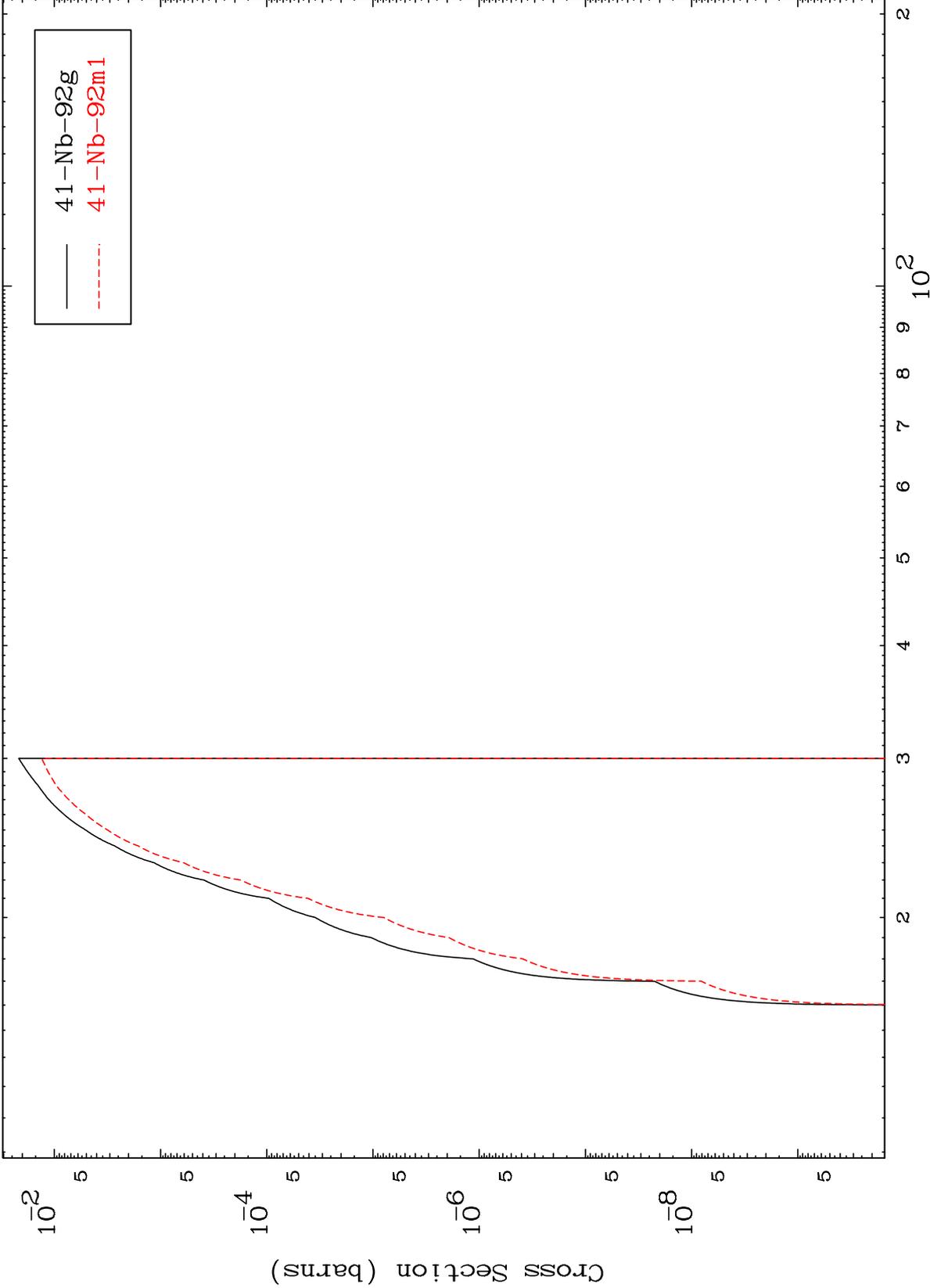


Incident Energy (MeV)

43-Tc-97

22

Radionuclide Production Cross Section



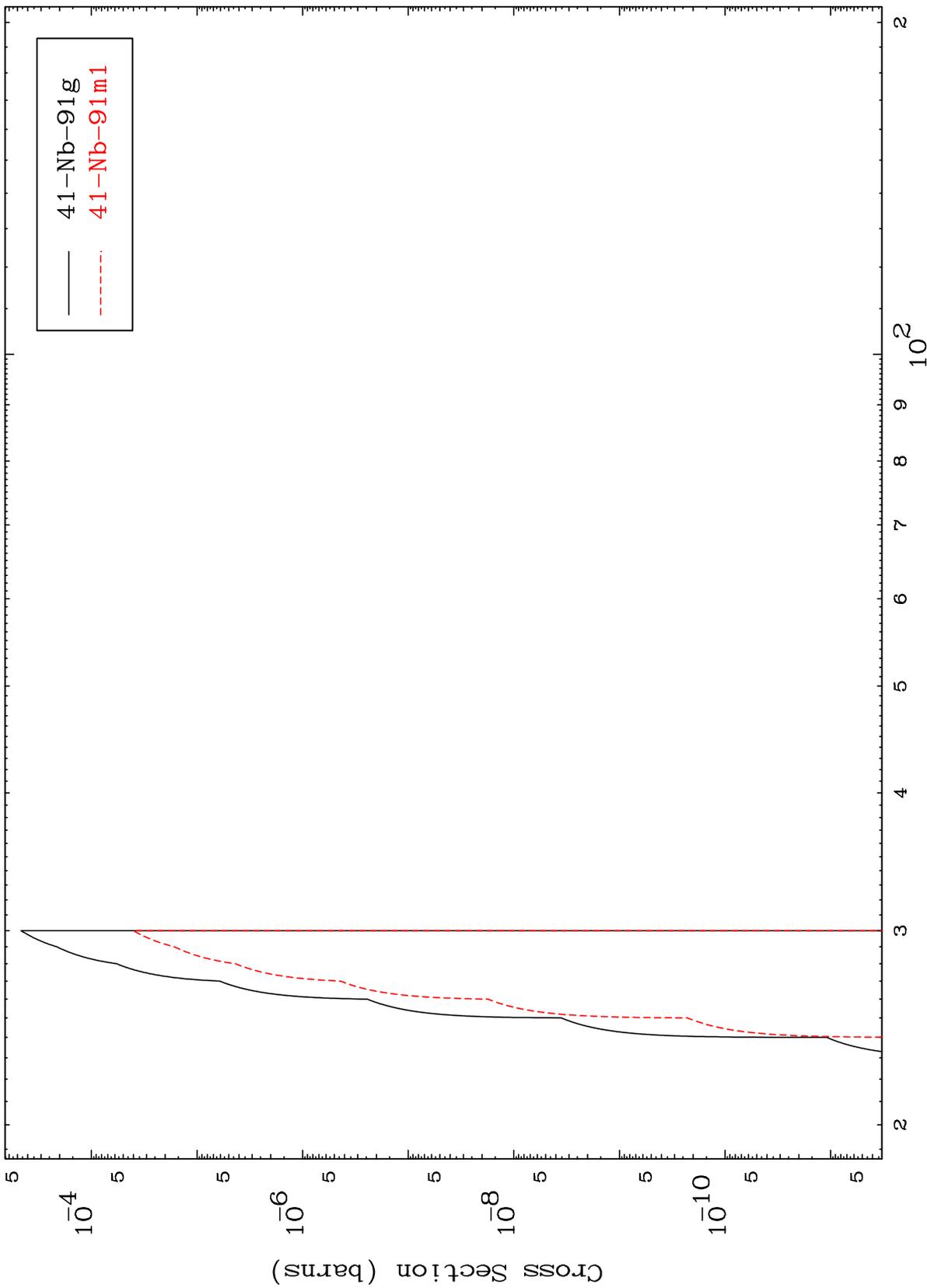
41-Nb-92g
41-Nb-92m1

MAT 4320

(n,3n) α

43-Tc-97

Radionuclide Production Cross Section



24

Incident Energy (MeV)

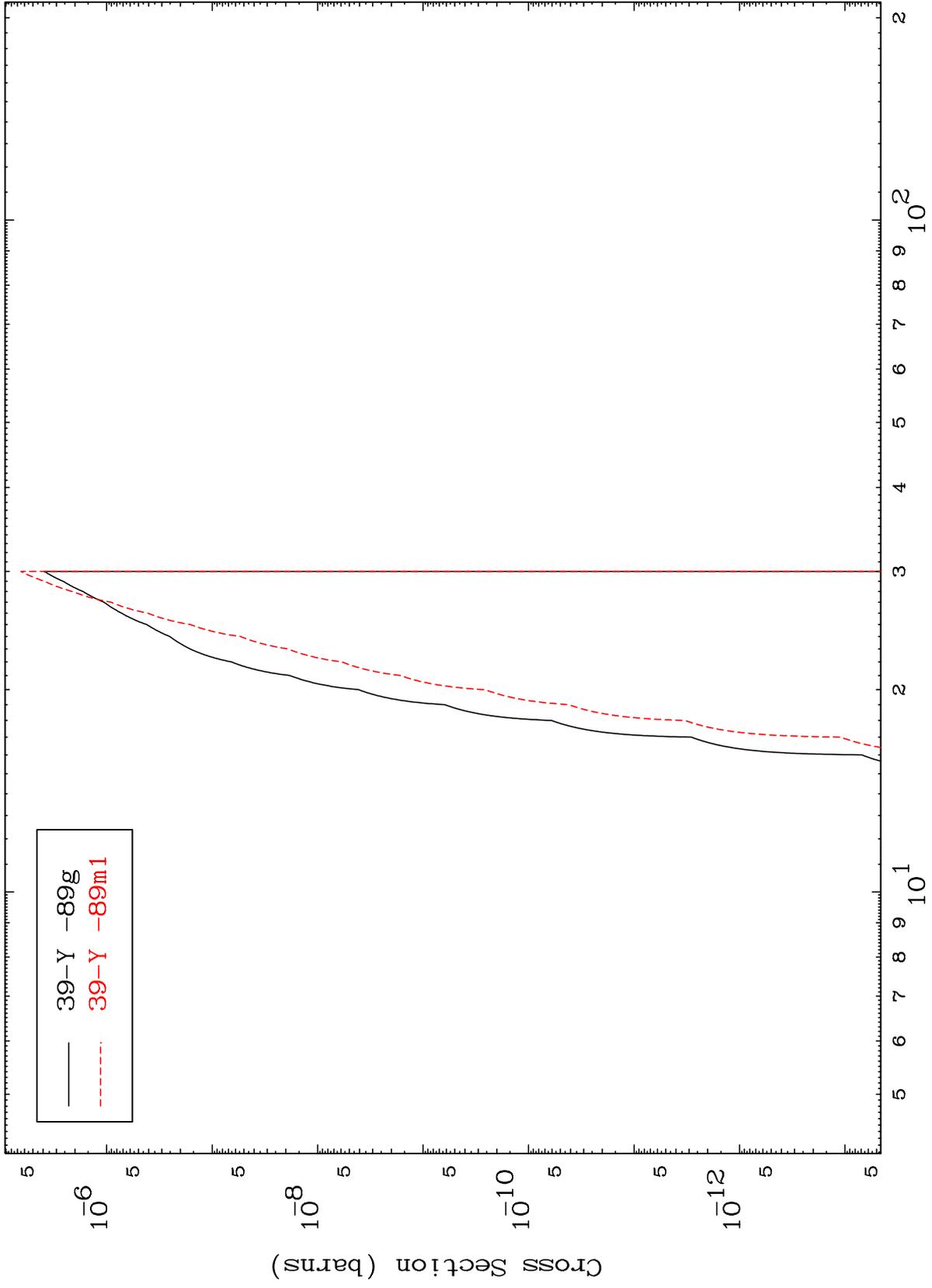
43-Tc-97

MAT 4320

(n,n') 2α

43-Tc-97

Radionuclide Production Cross Section

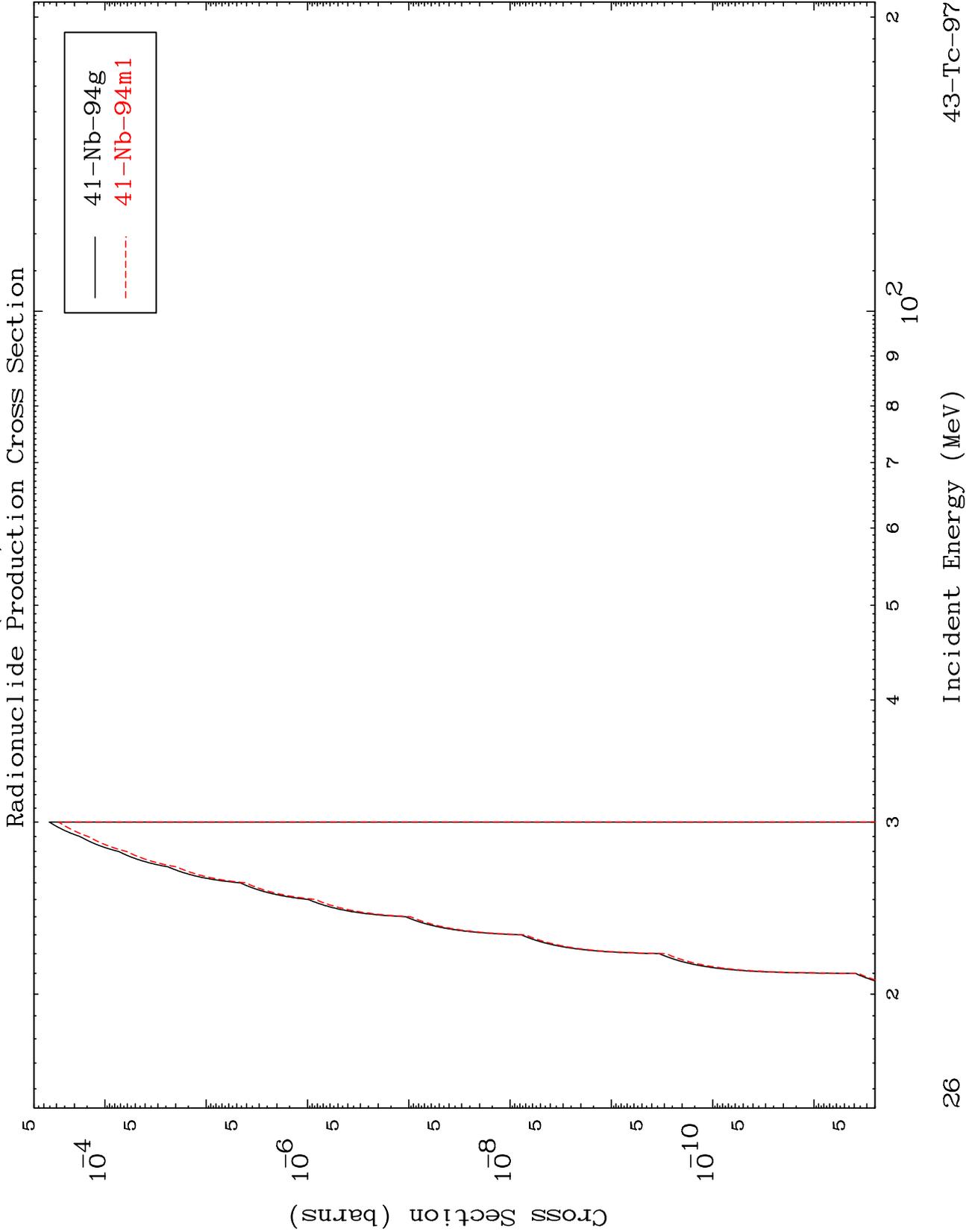


39-Y -89g
39-Y -89m1

25

Incident Energy (MeV)

43-Tc-97

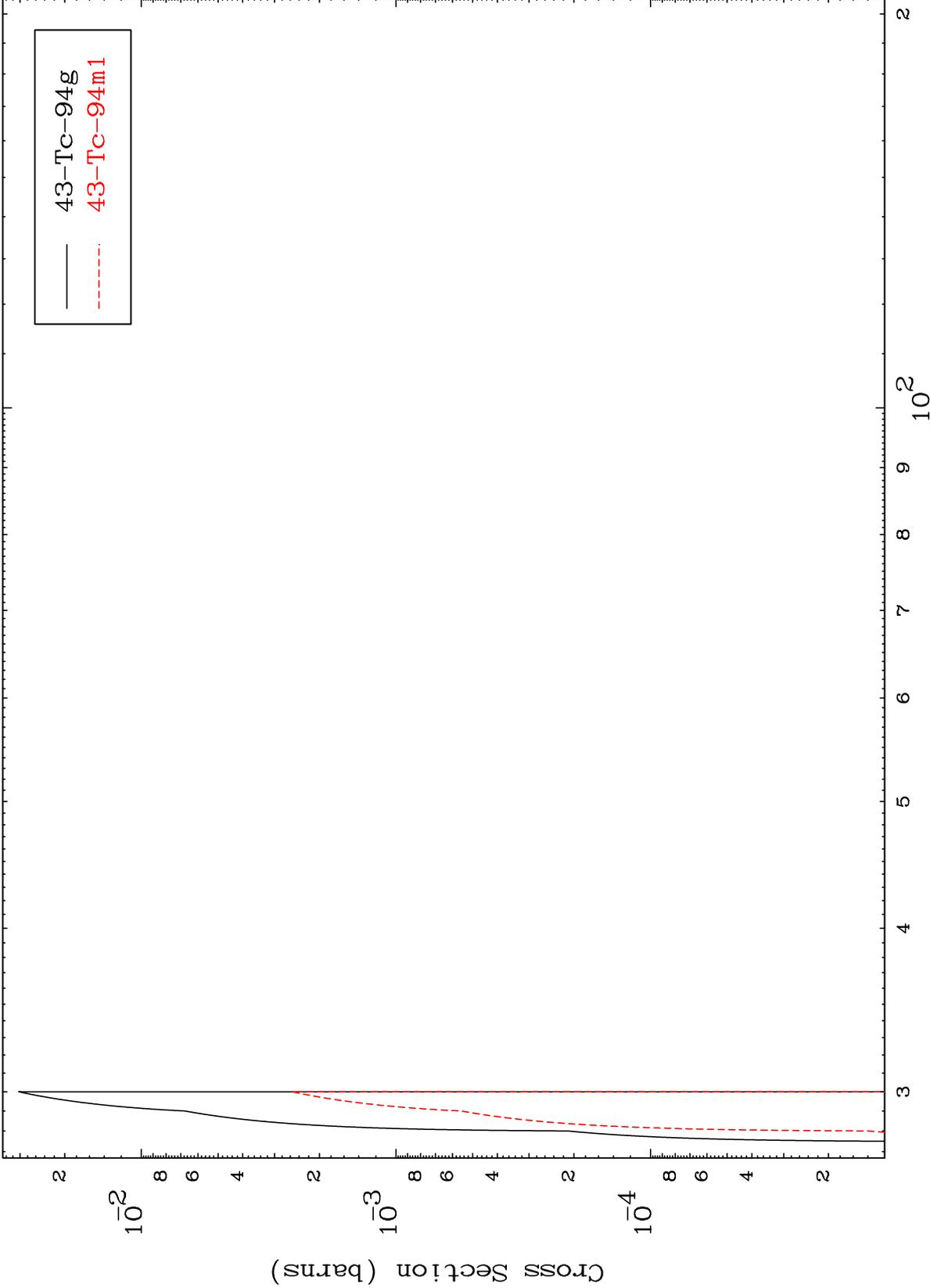


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(n,4n)

43-Tc-97

Radionuclide Production Cross Section



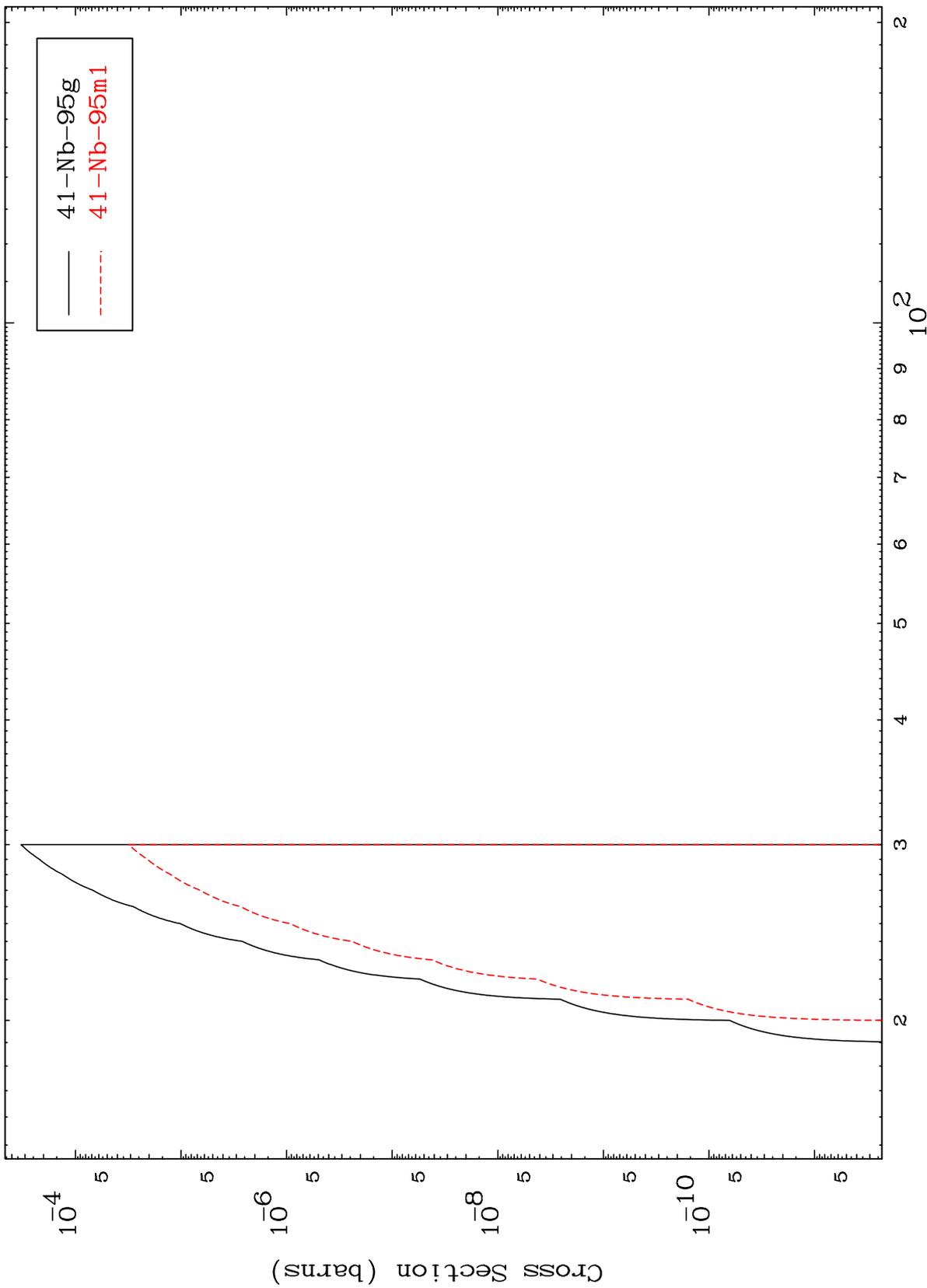
43-Tc-94g
43-Tc-94m1

27

Incident Energy (MeV)

43-Tc-97

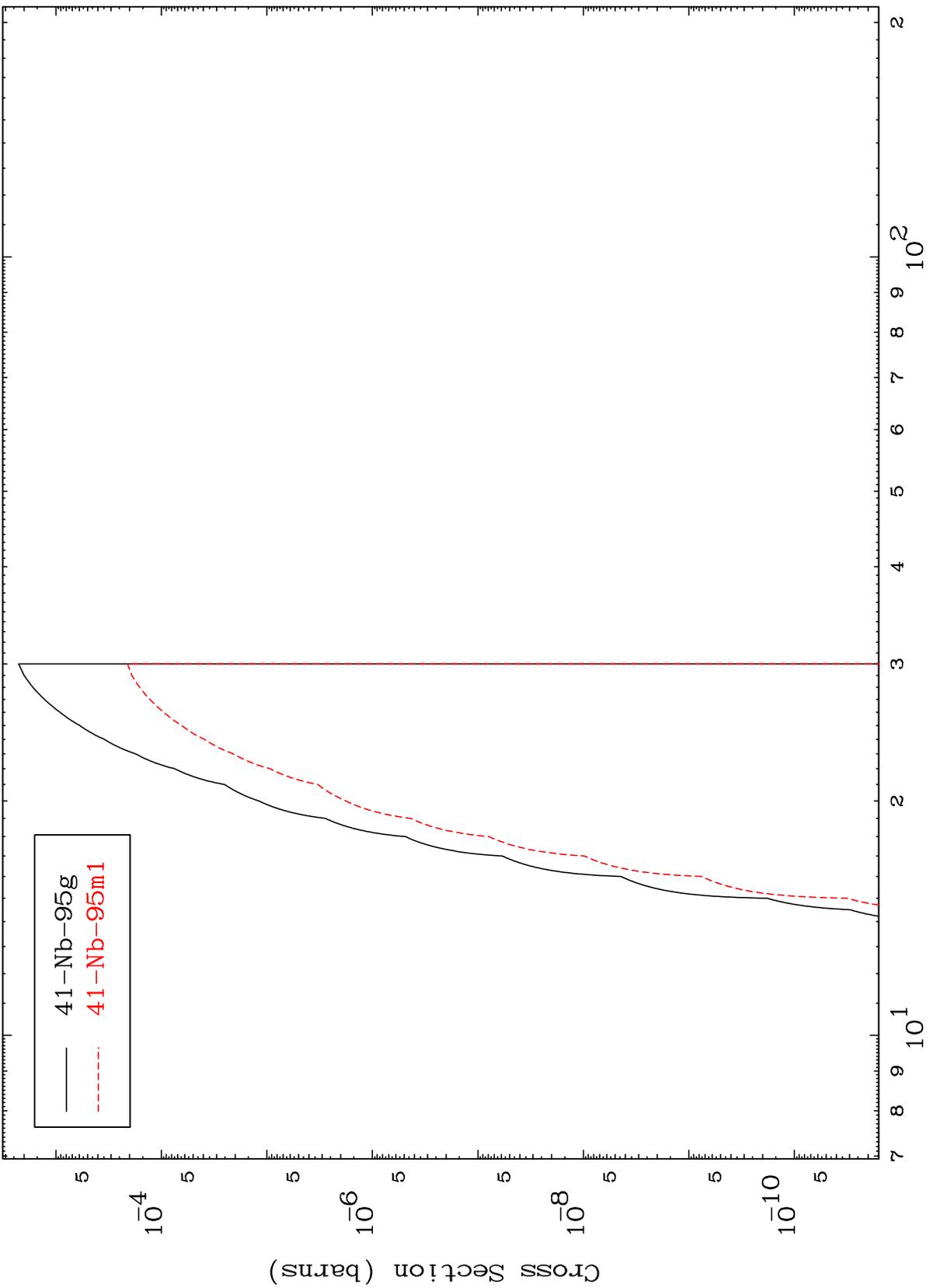
Radionuclide Production Cross Section



MAT 4320

43-Tc-97

Radionuclide Production Cross Section
(n,He-3)



41-Nb-95g
41-Nb-95m1

Incident Energy (MeV)

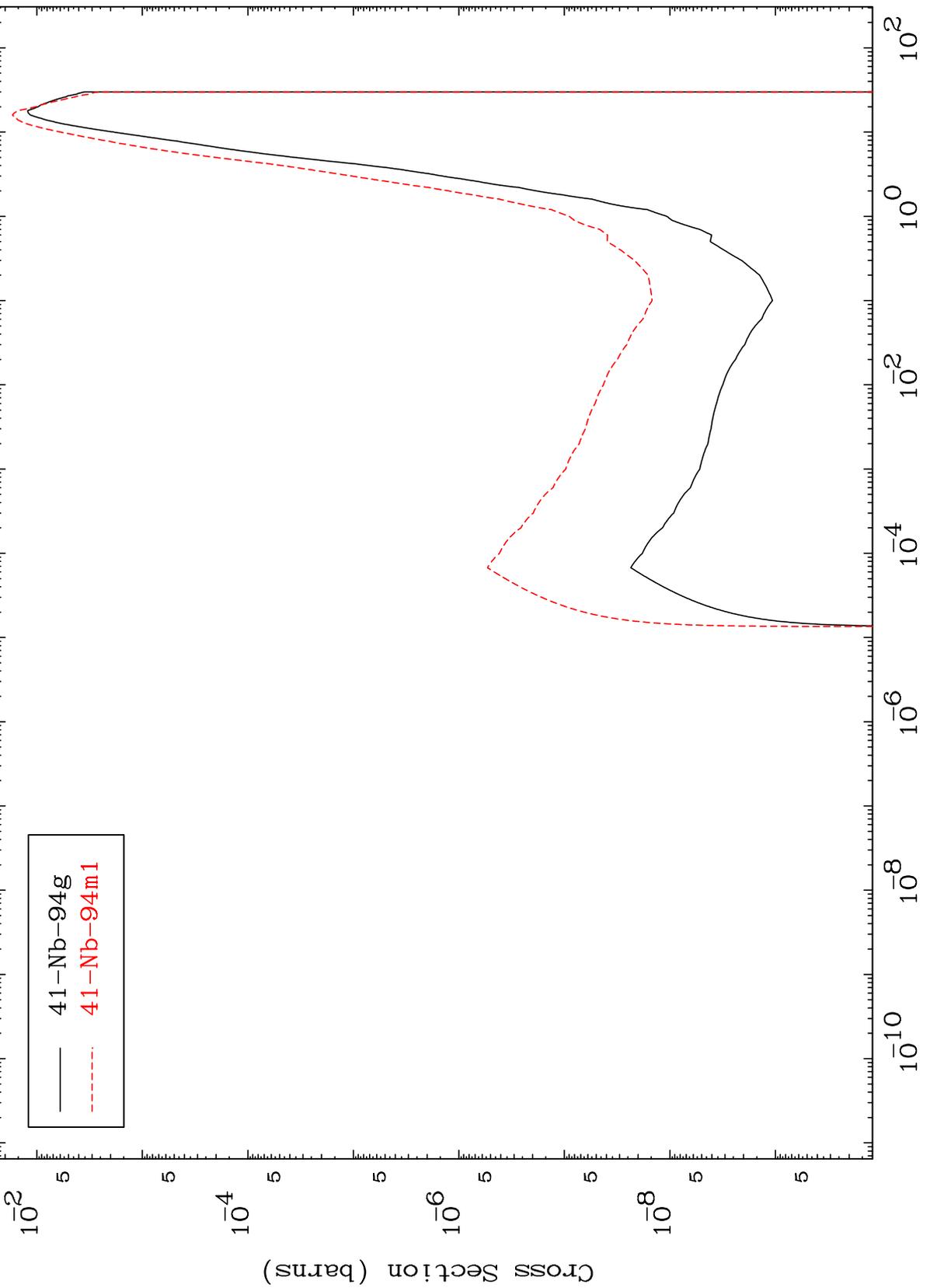
43-Tc-97

29

MAT 4320

43-Tc-97

Radionuclide Production Cross Section
(n, α)



30

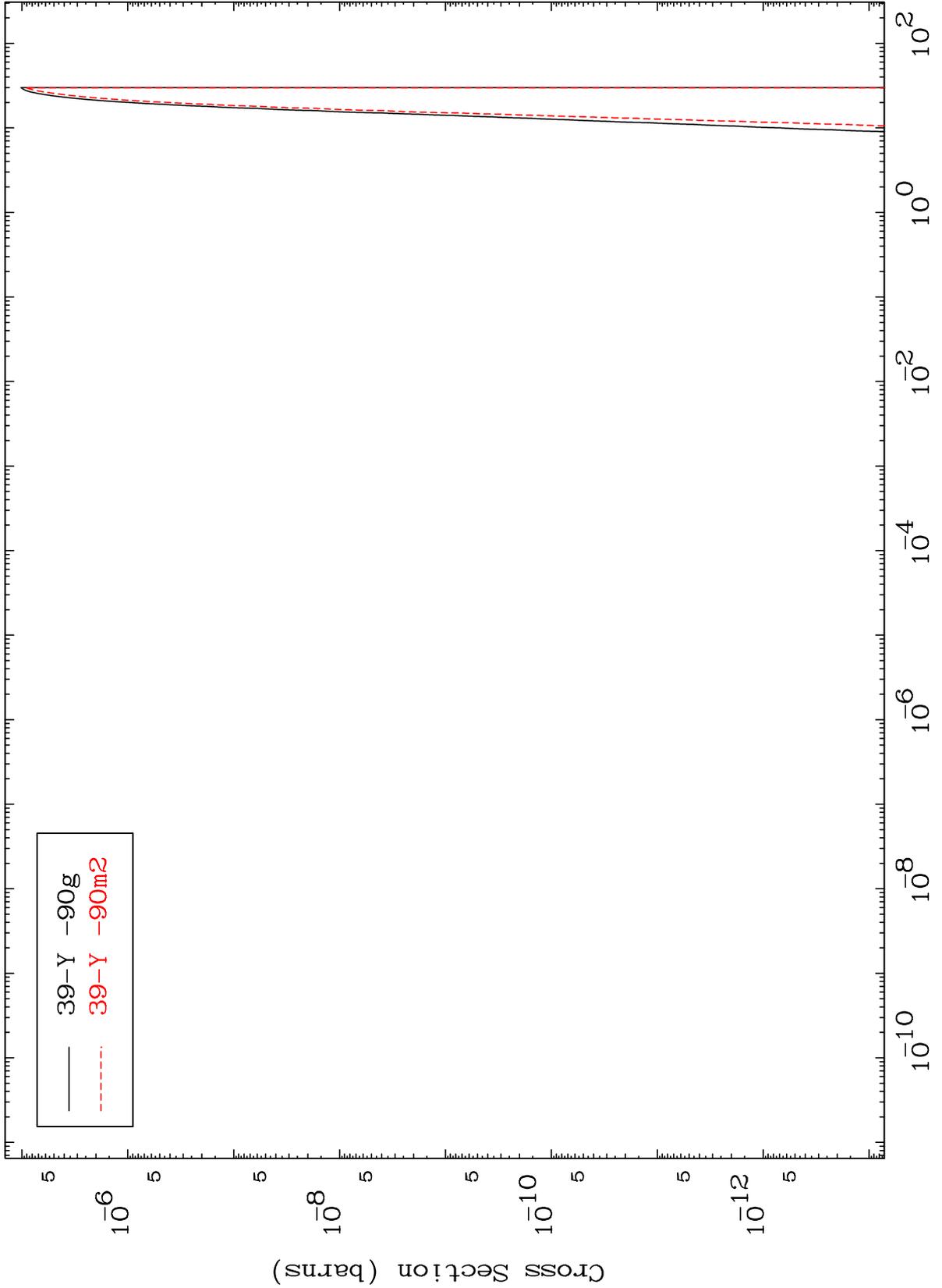
43-Tc-97

MAT 4320

(n,2α)

43-Tc-97

Radionuclide Production Cross Section

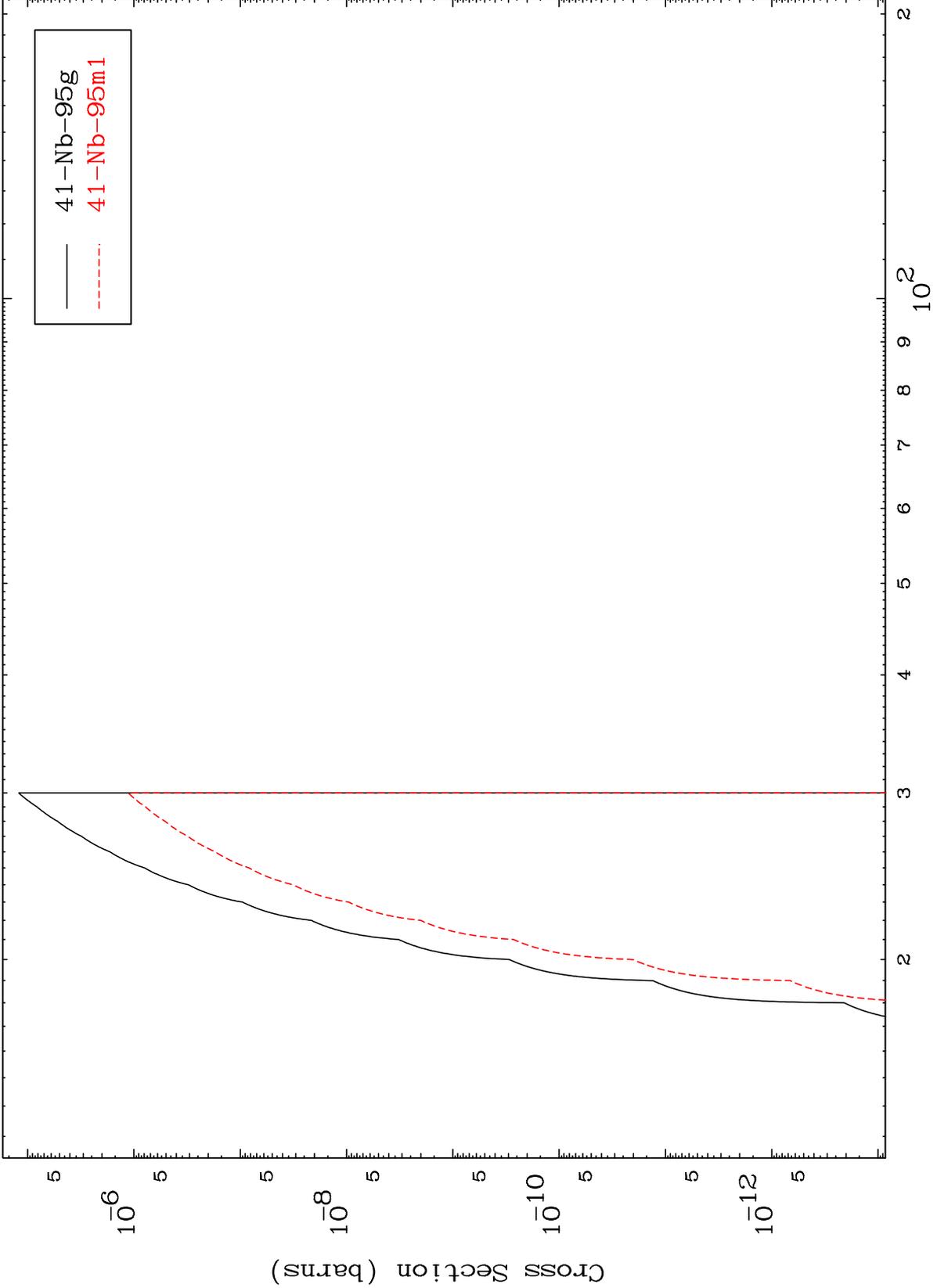


MAT 4320

(n,p) d

43-Tc-97

Radionuclide Production Cross Section



32

Incident Energy (MeV)

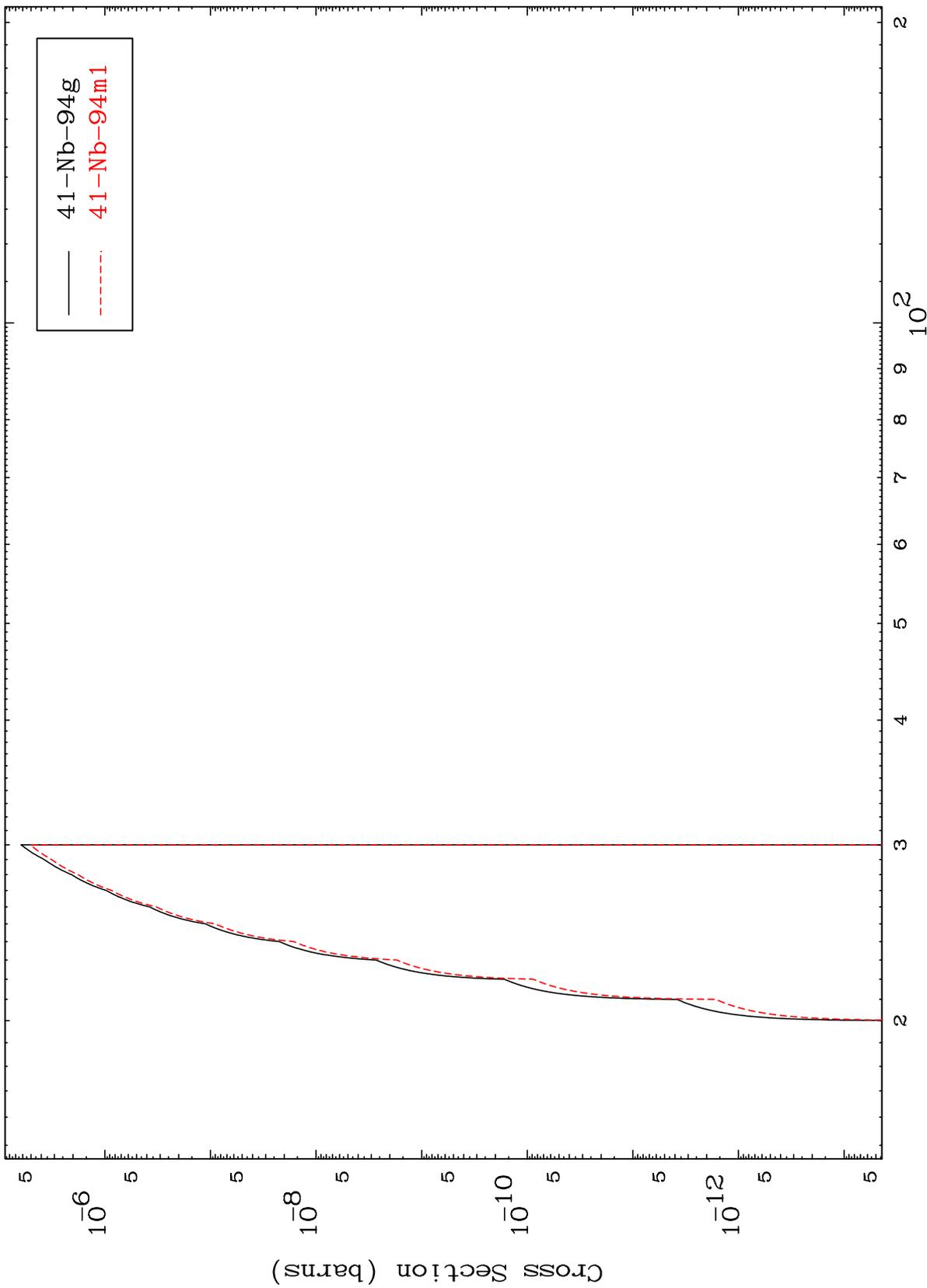
43-Tc-97

MAT 4320

(n,p) t

43-Tc-97

Radionuclide Production Cross Section



33

Incident Energy (MeV)

43-Tc-97