

Program EVALPLOT  
(Version 2018-1)

by

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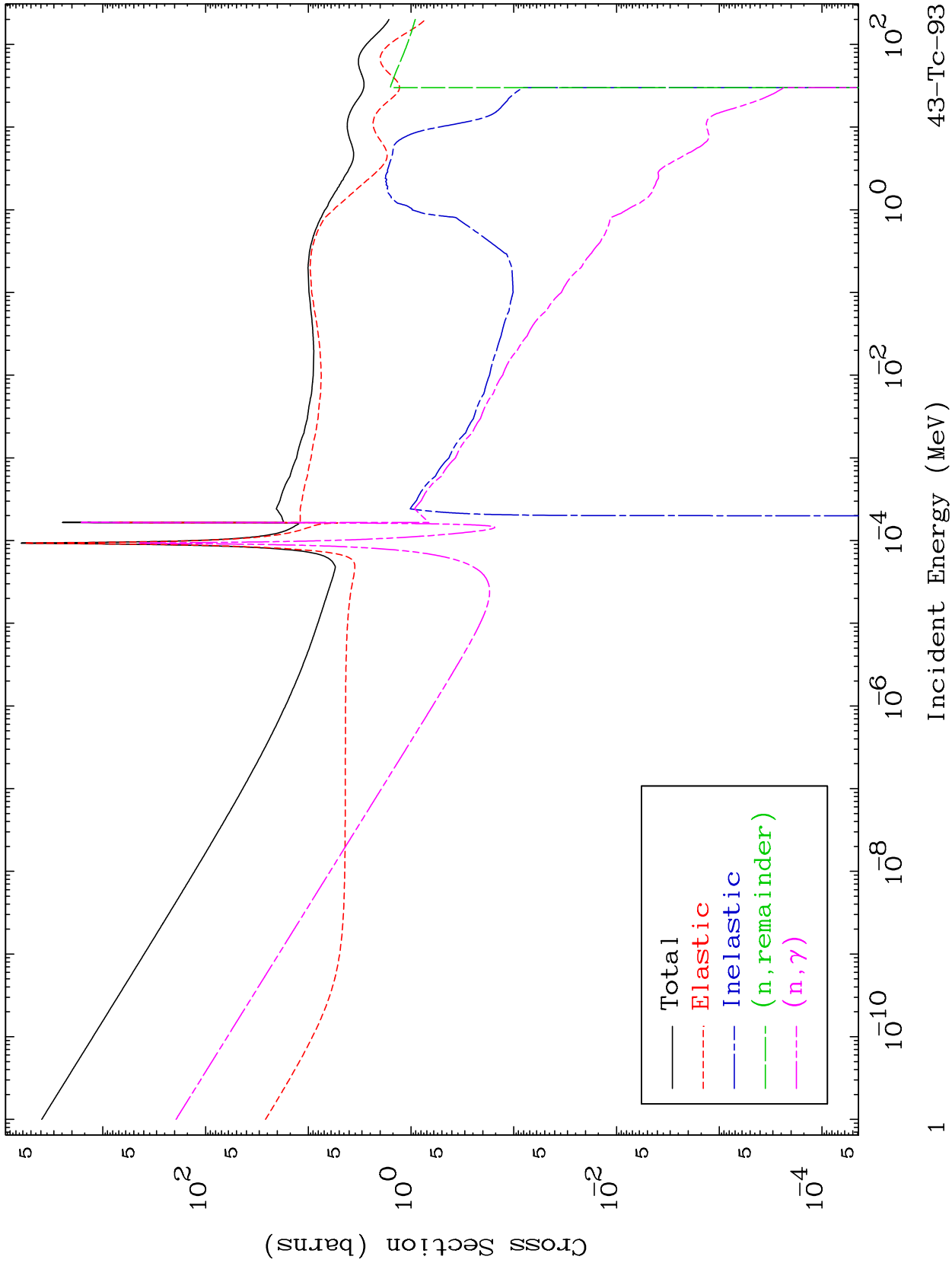
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4308

Major  
293 Kelvin Cross Sections

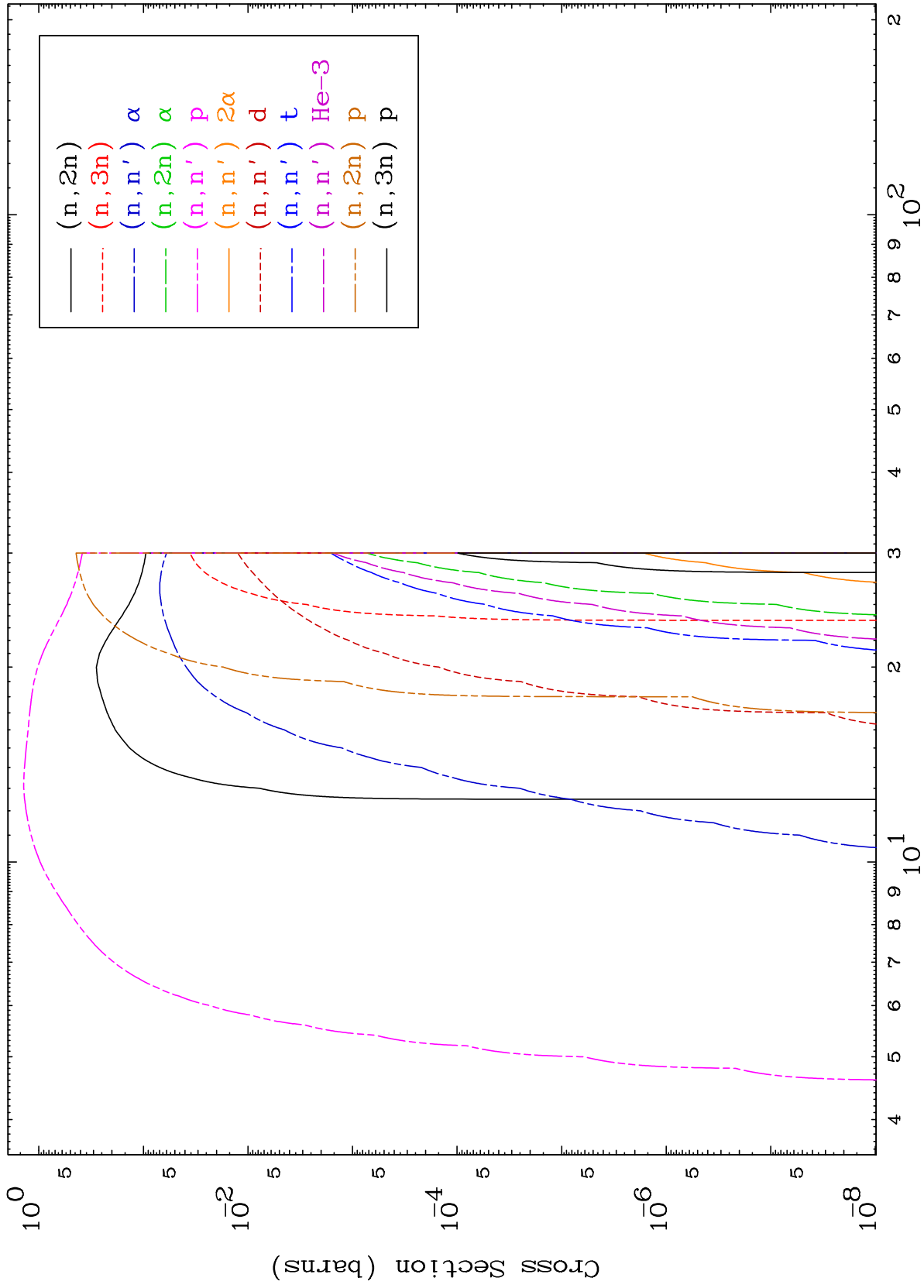
43-Tc-93



MAT 4308

Neutron Production  
293 Kelvin Cross Sections

43-Tc-93



2

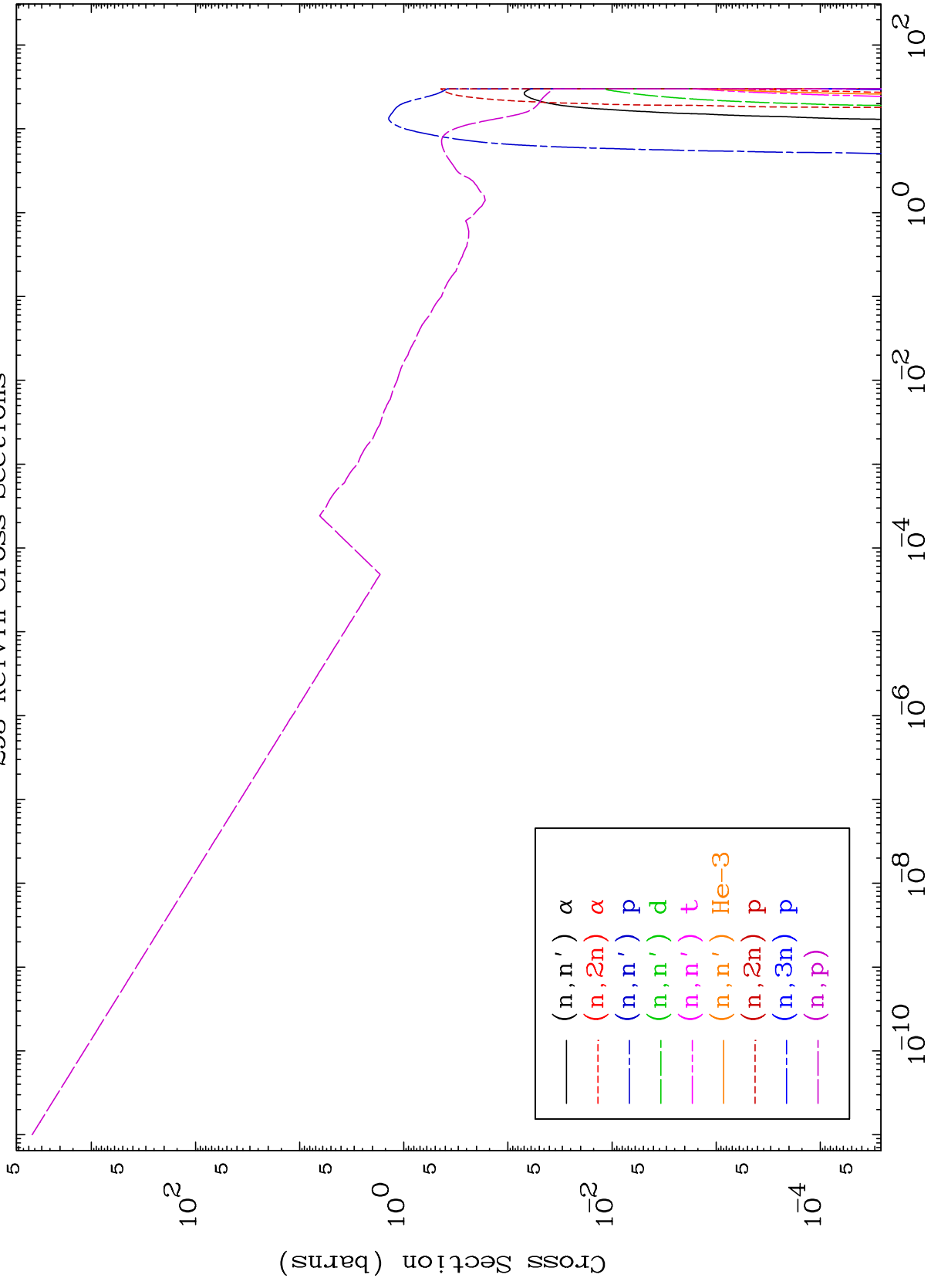
Incident Energy (MeV)

43-Tc-93

MAT 4308

Charged Particle  
293 Kelvin Cross Sections

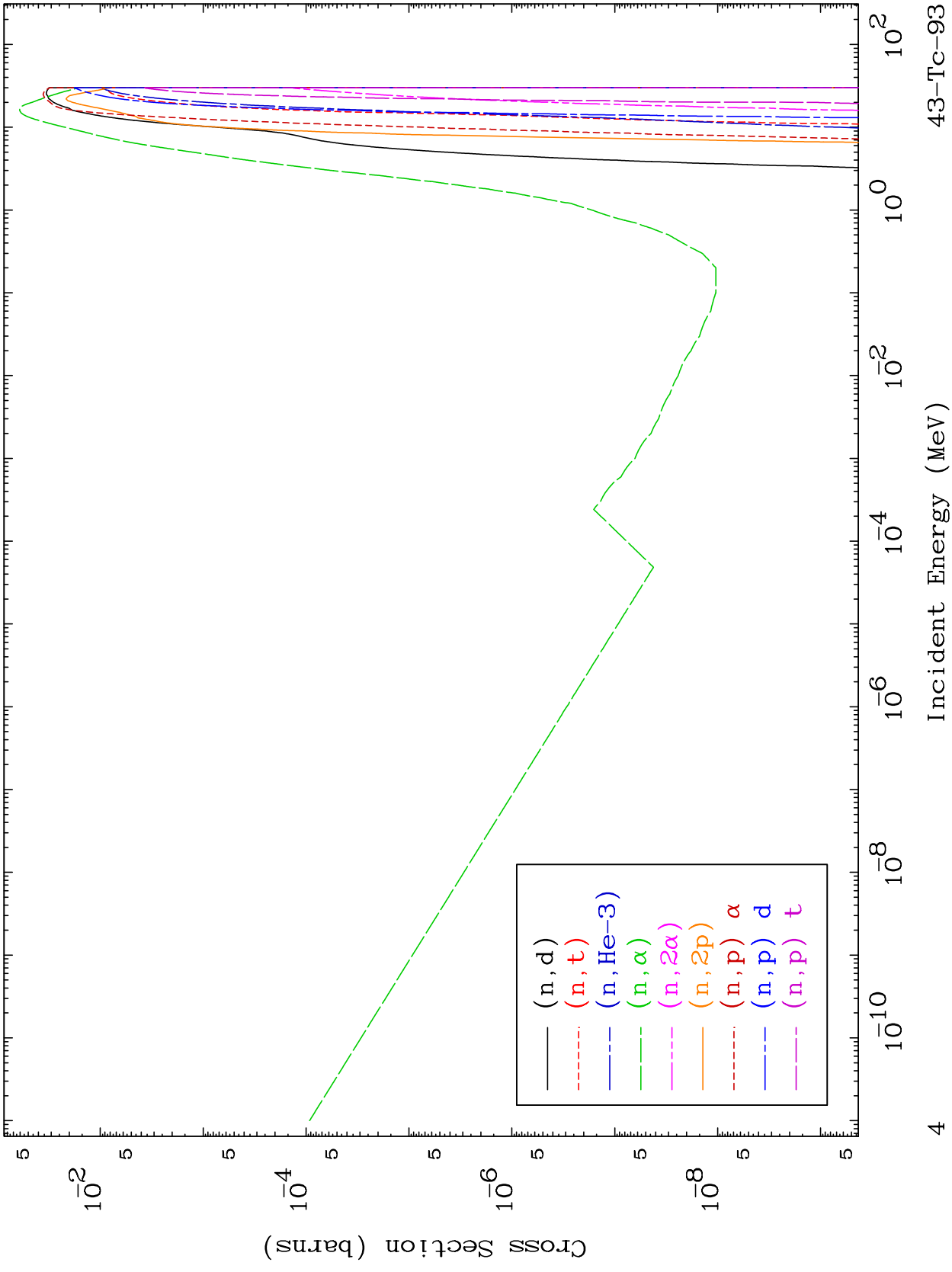
43-Tc-93



MAT 4308

Charged Particle  
293 Kelvin Cross Sections

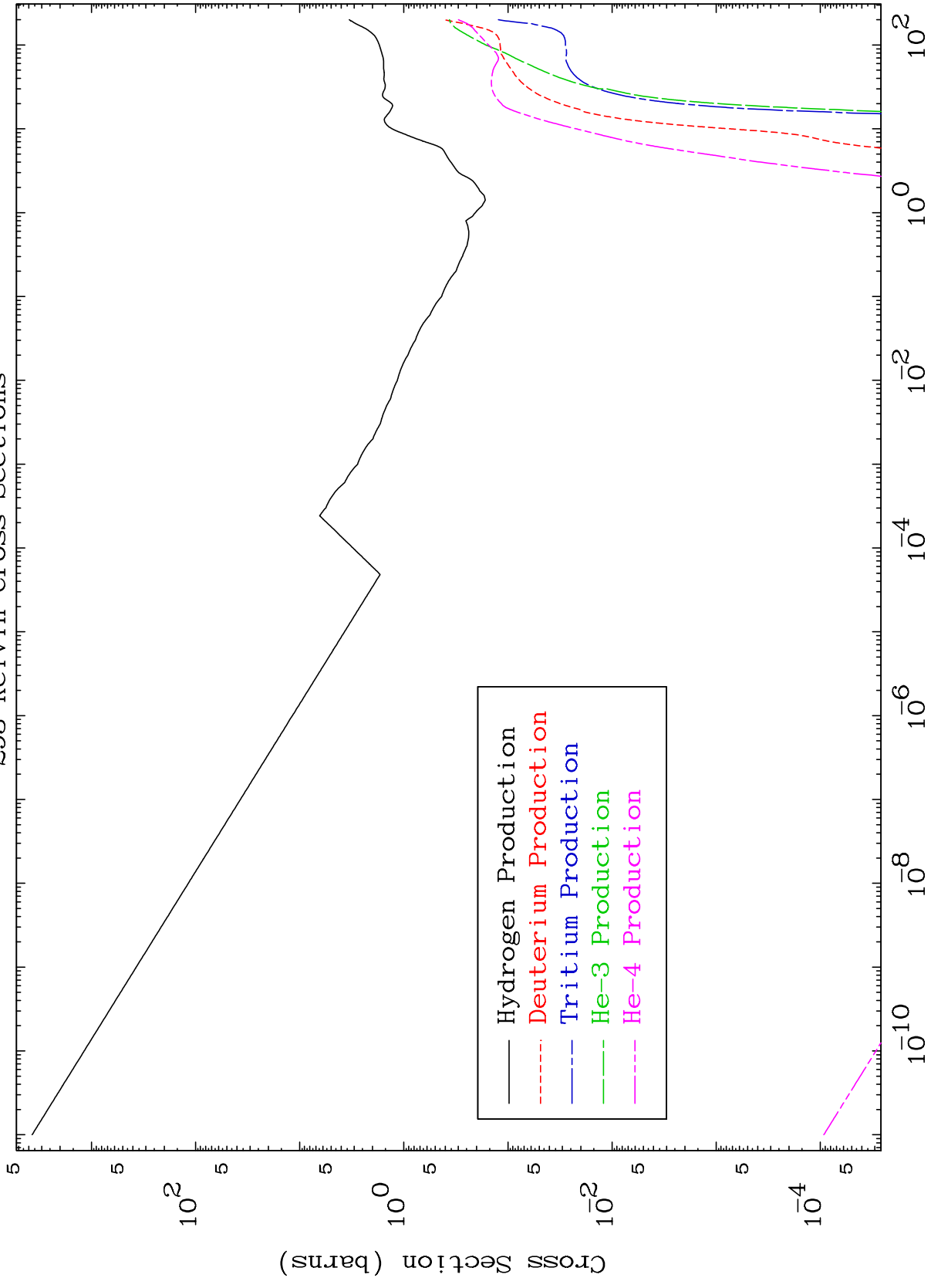
43-Tc-93



MAT 4308

Particle Production  
293 Kelvin Cross Sections

43-Tc-93



5

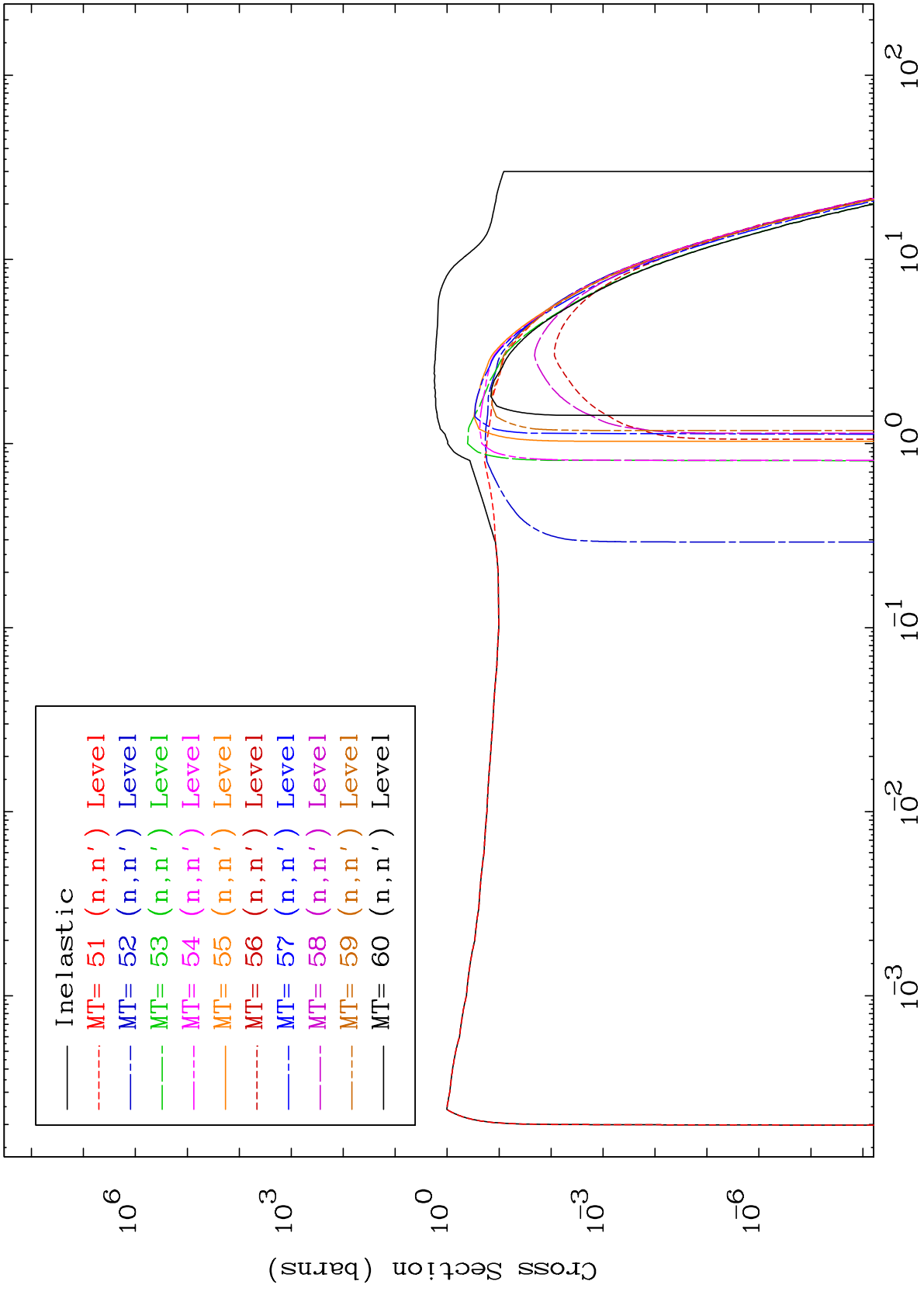
Incident Energy (MeV)

43-Tc-93

MAT 4308

(n,n') Level  
293 Kelvin Cross Sections

43-Tc-93



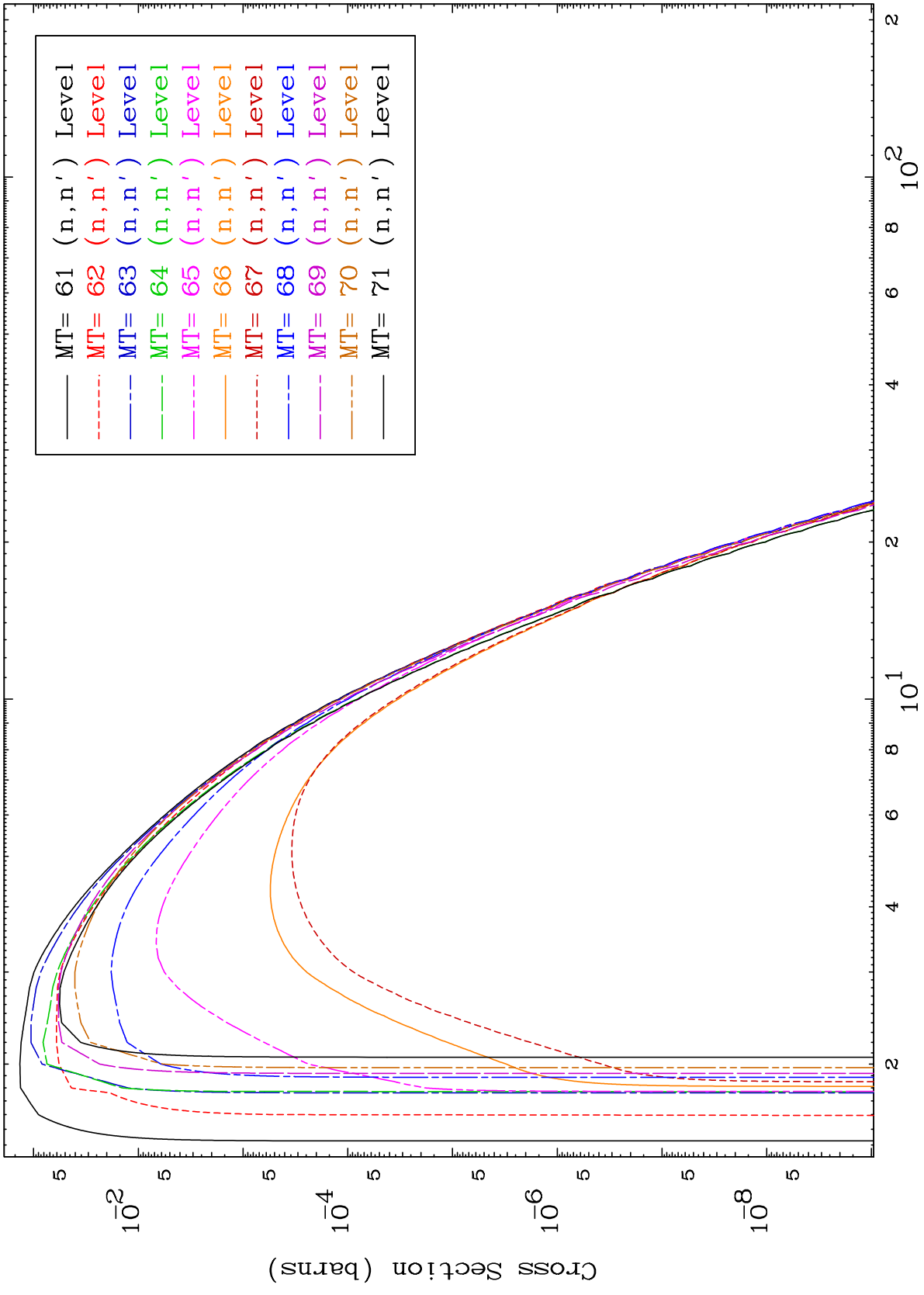
43-Tc-93

MAT 4308

(n,n') Level

43-Tc-93

293 Kelvin Cross Sections



7

Incident Energy (MeV)

43-Tc-93

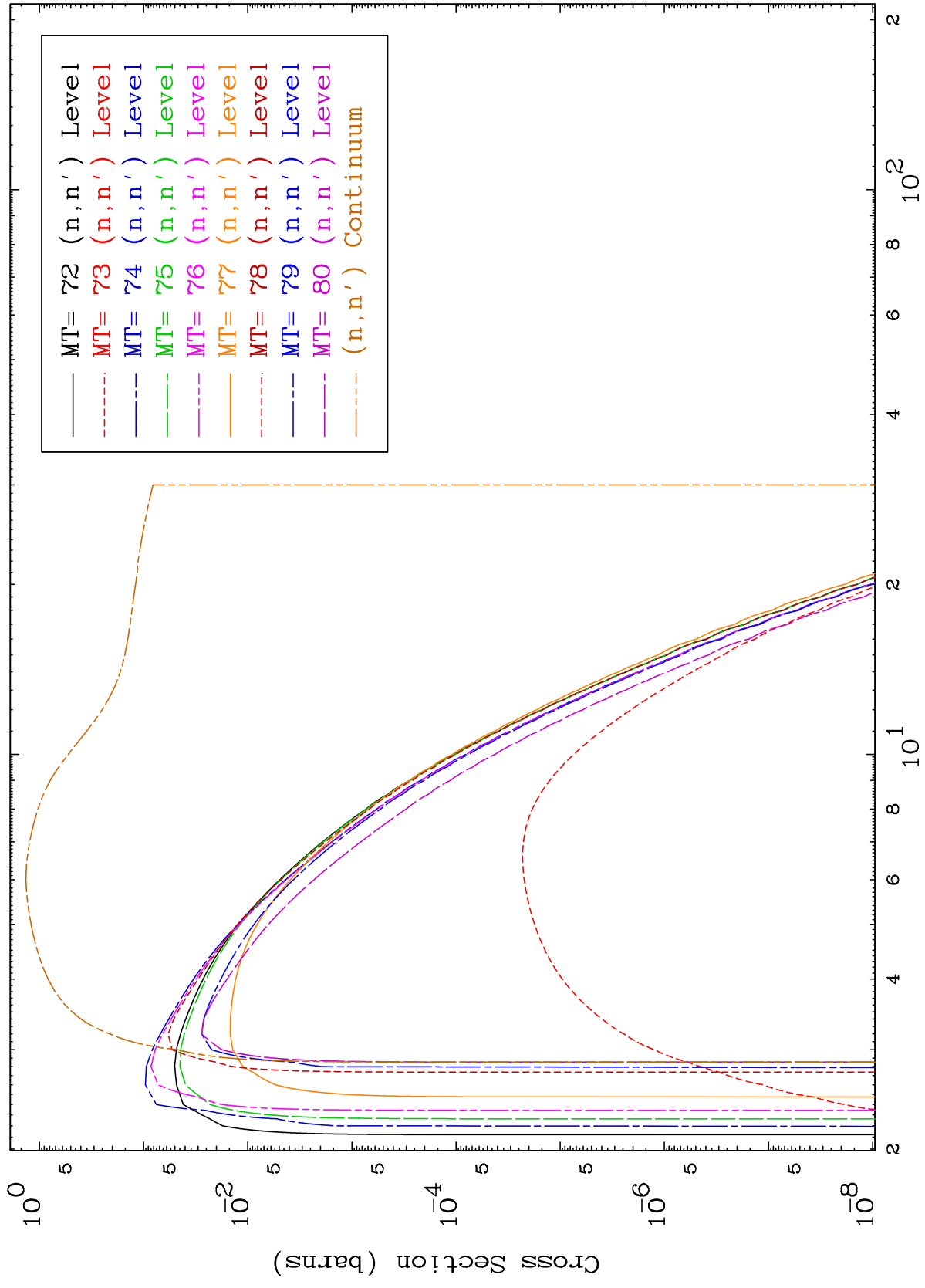


MAT 4308

(n,n') Level

43-Tc-93

293 Kelvin Cross Sections



8

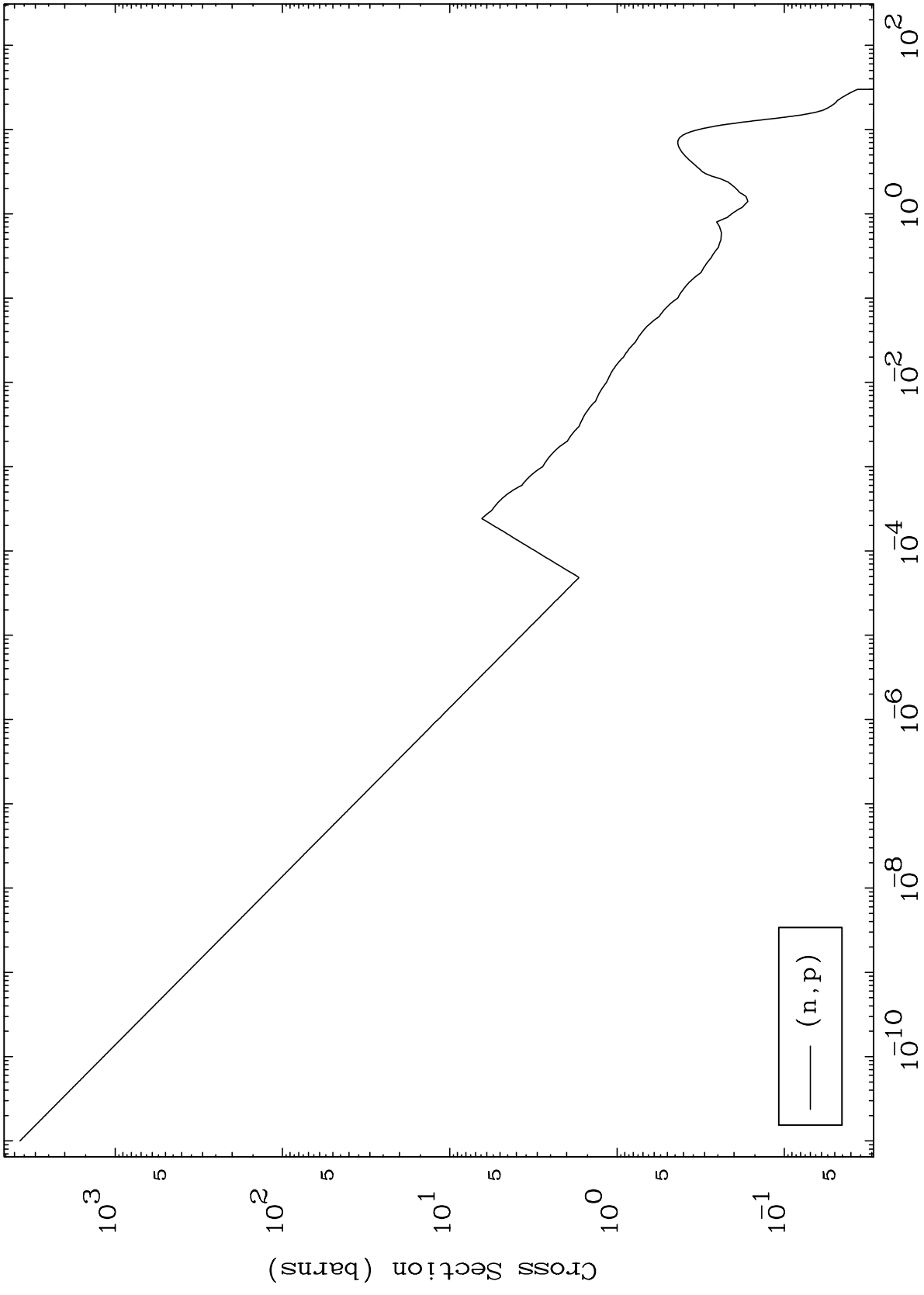
Incident Energy (MeV)

43-Tc-93

MAT 4308

(n,p) Levels  
293 Kelvin Cross Sections

43-Tc-93

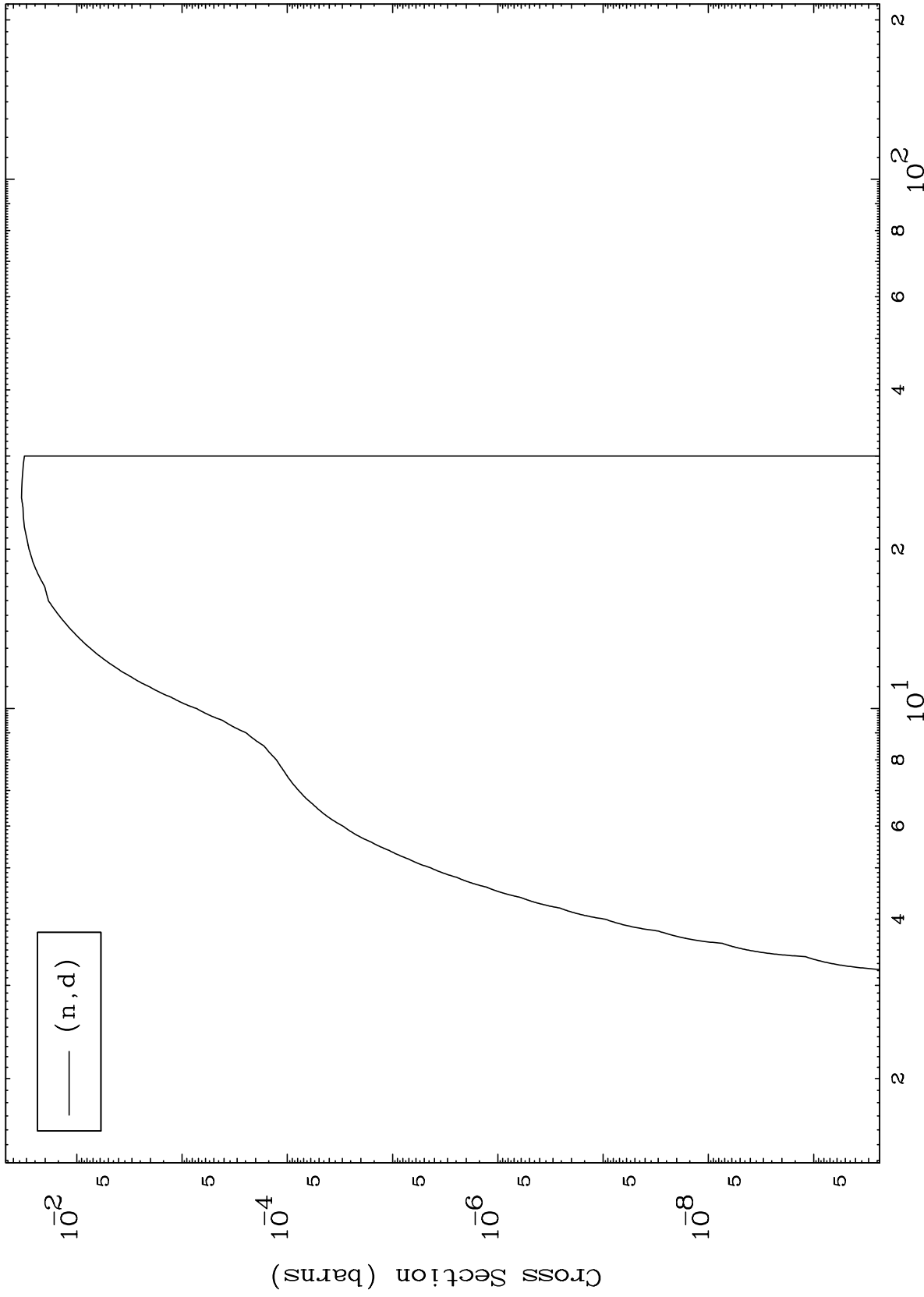


43-Tc-93

MAT 4308

(n,d) Levels  
293 Kelvin Cross Sections

43-Tc-93



10

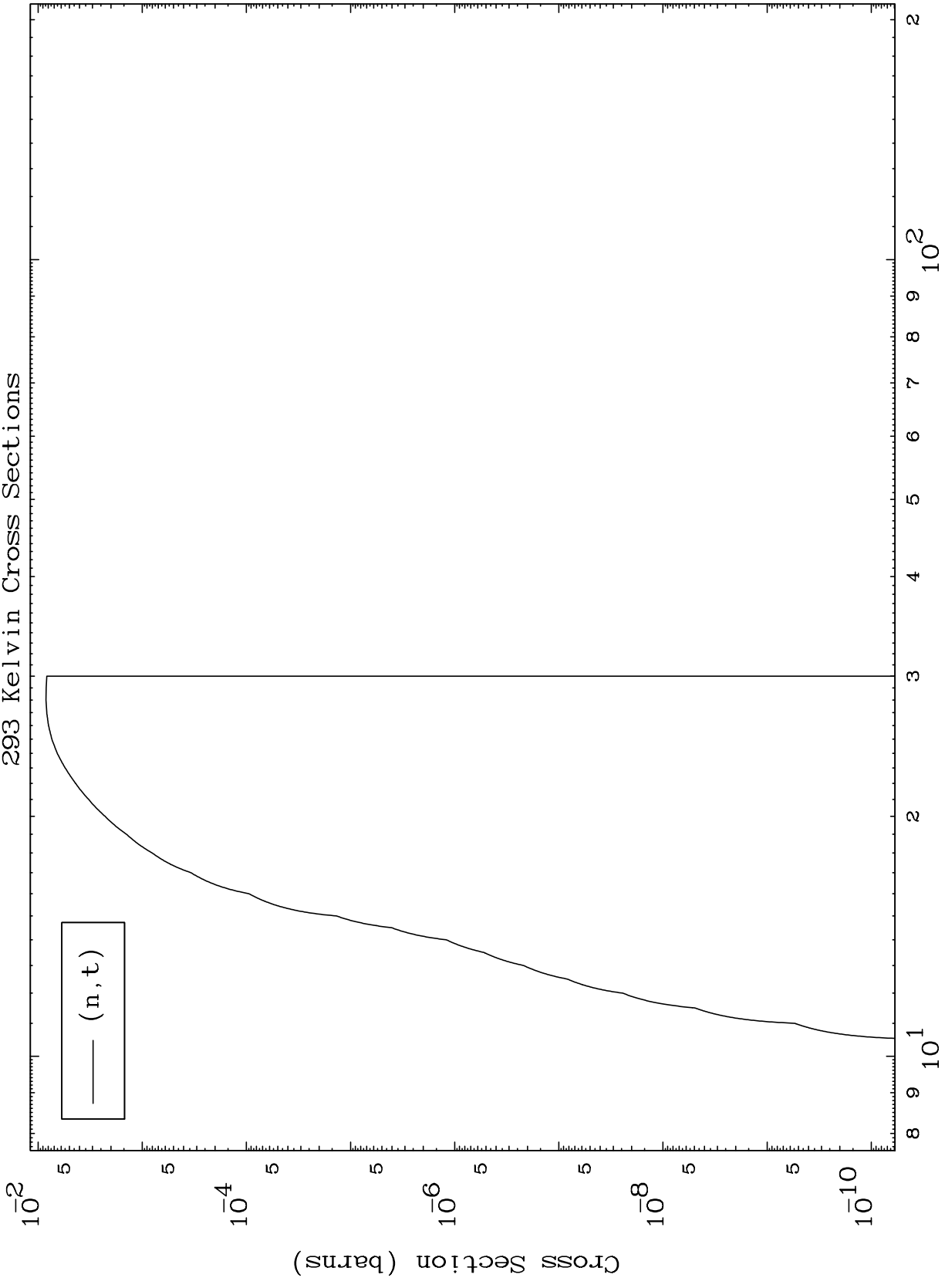
Incident Energy (MeV)

43-Tc-93

MAT 4308

(n,t) Levels  
293 Kelvin Cross Sections

43-Tc-93



11

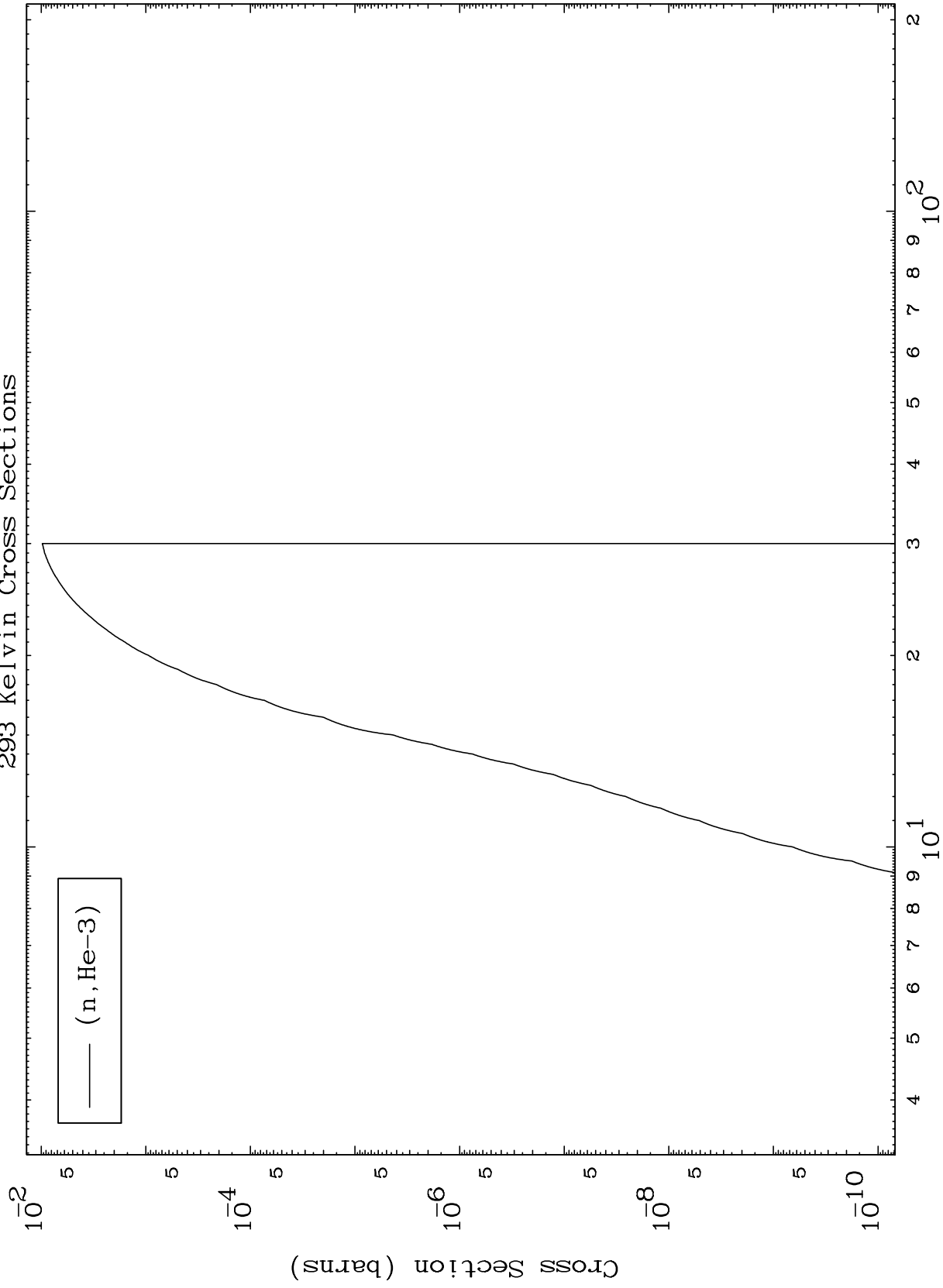
Incident Energy (MeV)

43-Tc-93

MAT 4308

(n,He3) Levels  
293 Kelvin Cross Sections

43-Tc-93



12

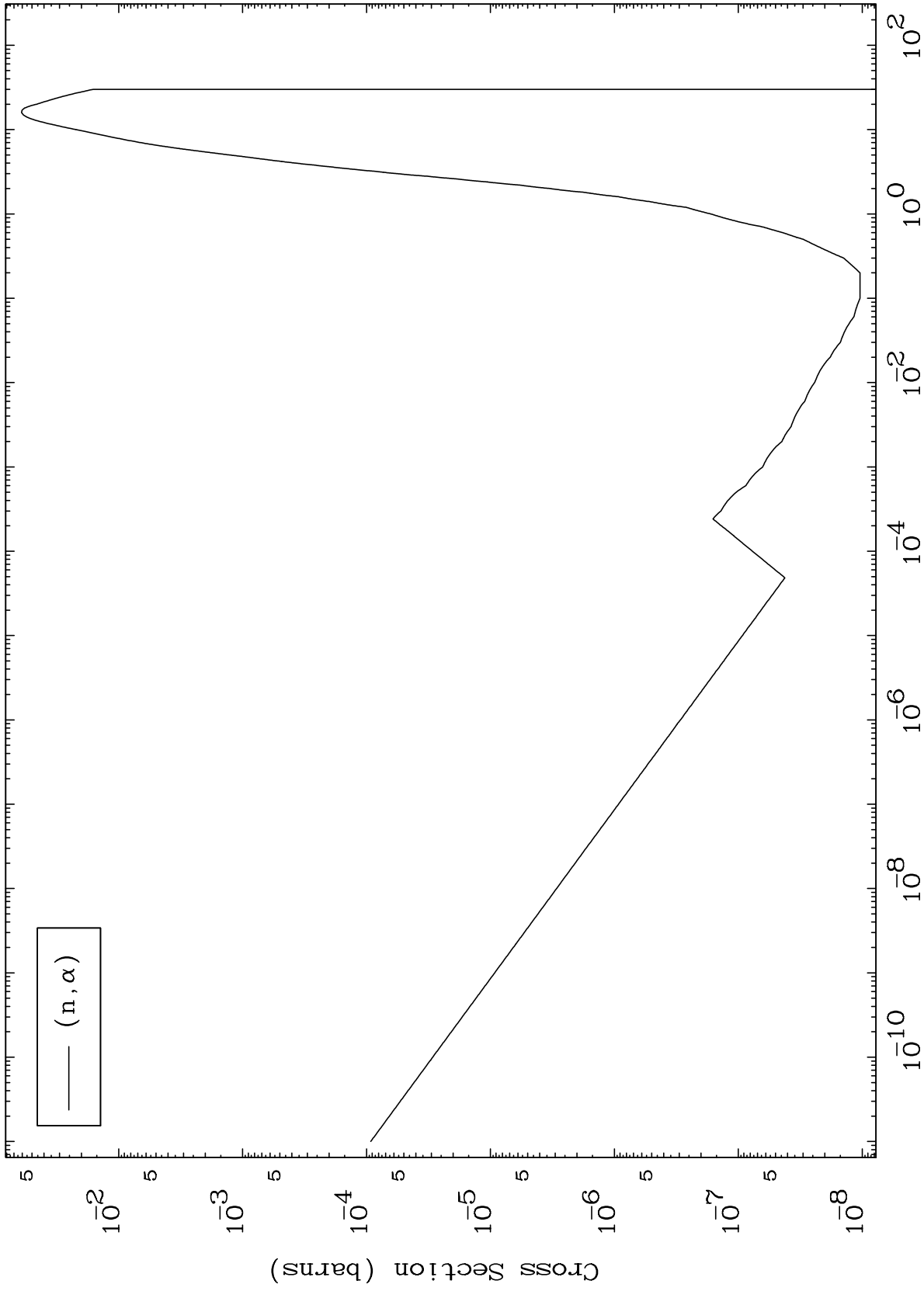
Incident Energy (MeV)

43-Tc-93

MAT 4308

(n,α) Levels  
293 Kelvin Cross Sections

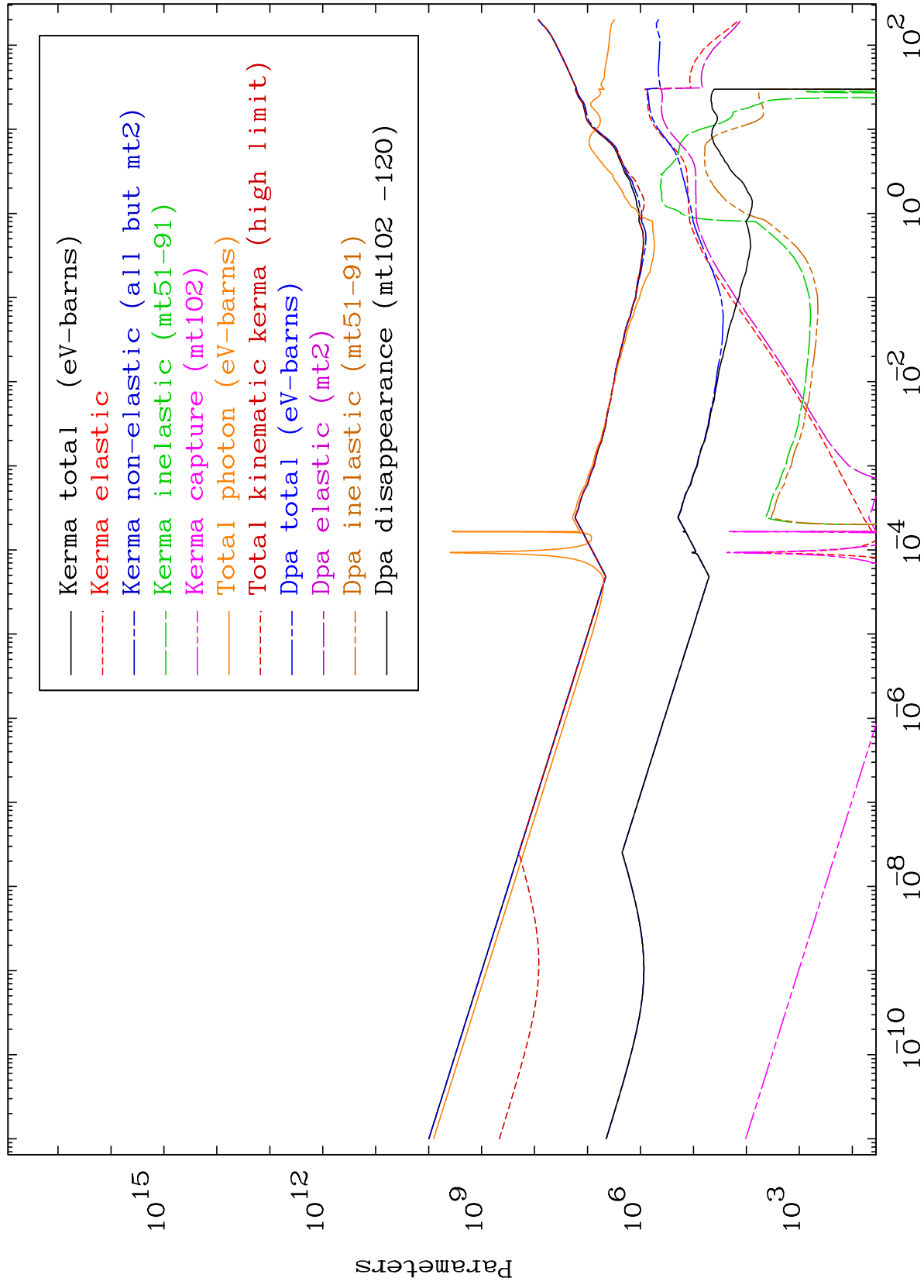
43-Tc-93



13

Incident Energy (MeV)

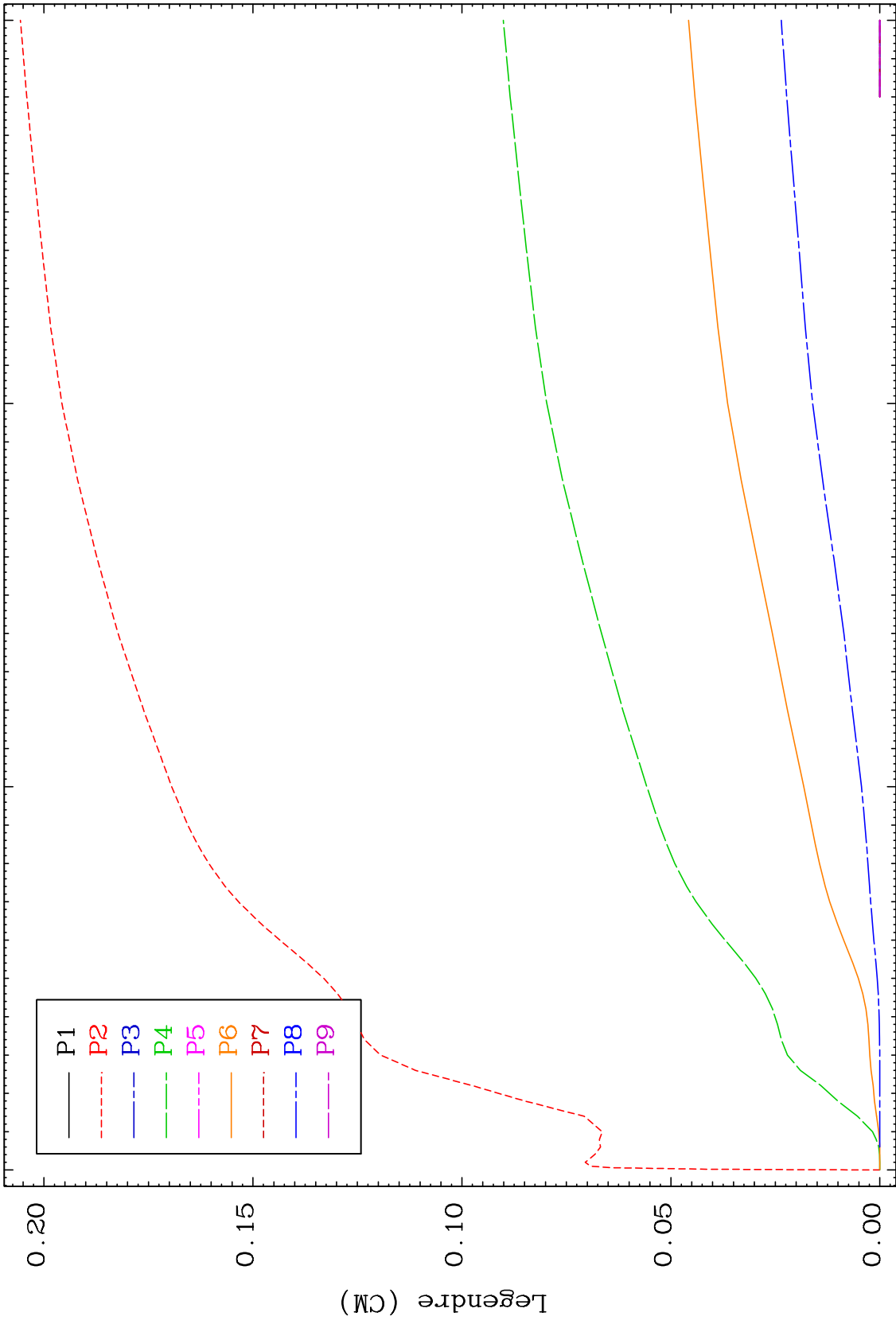
43-Tc-93



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Elastic Legendre Coefficients

43-Tc-93



Incident Energy (MeV)

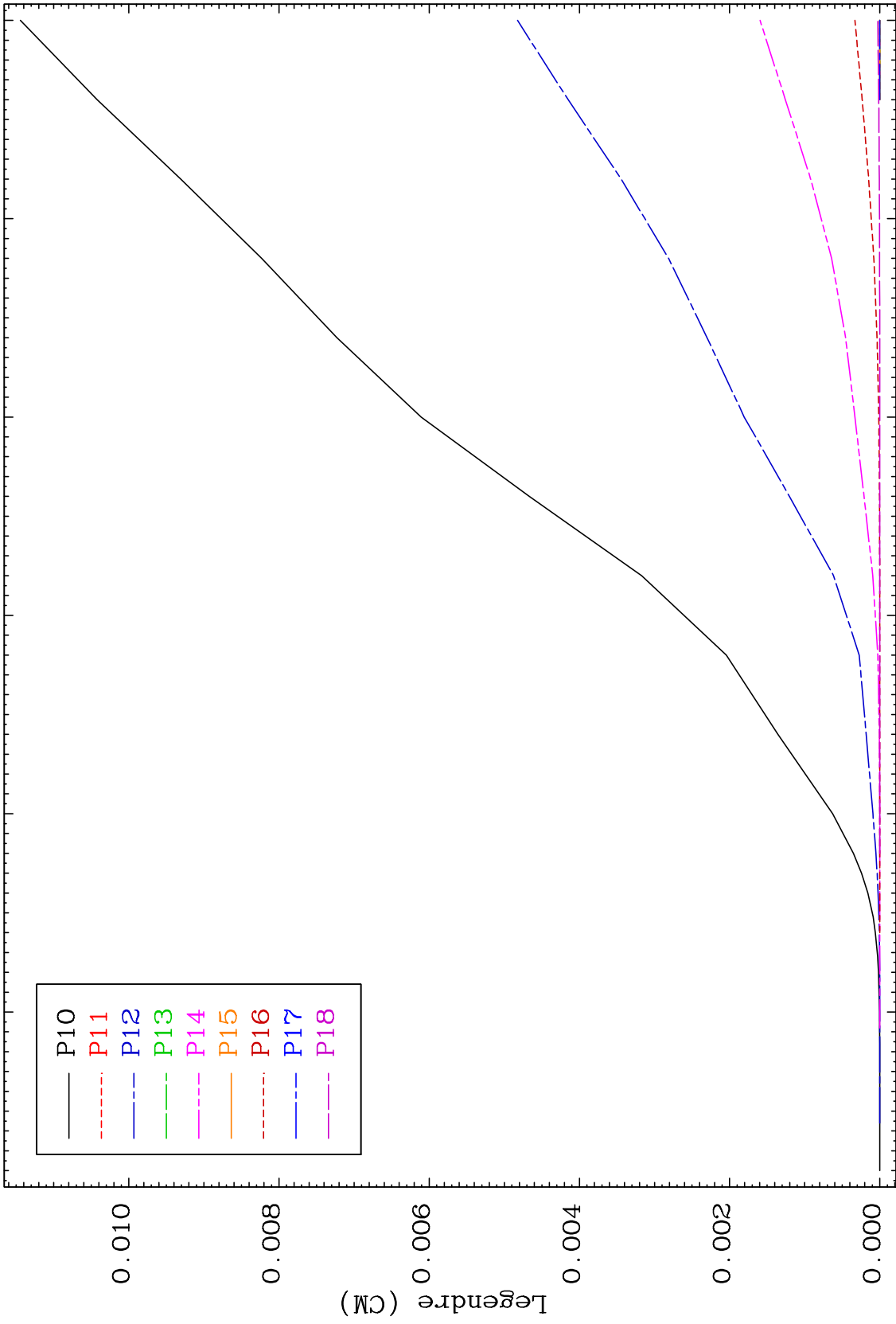
43-Tc-93



MAT 4308

Elastic Legendre Coefficients

43-Tc-93



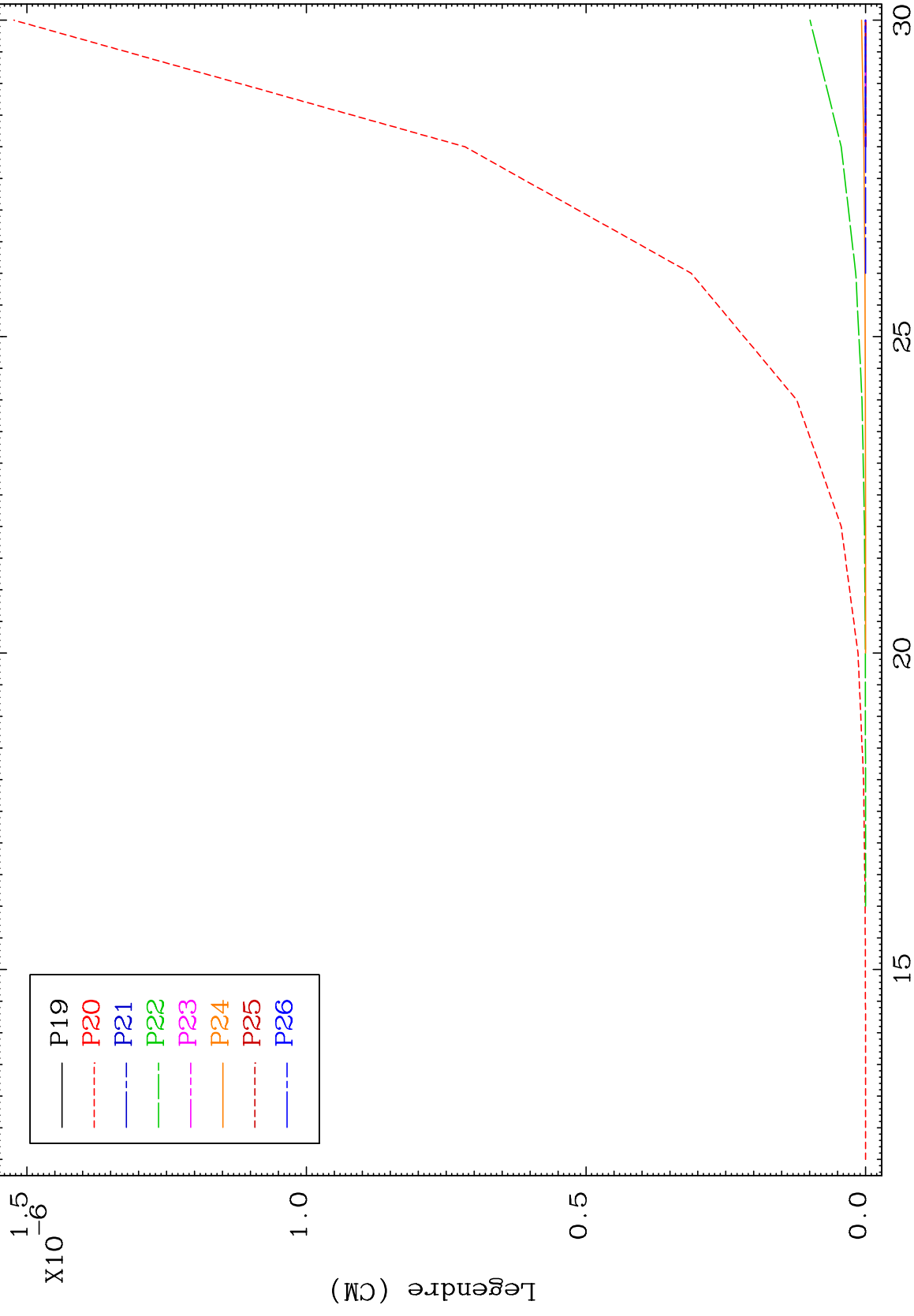
16

43-Tc-93

MAT 4308

Elastic Legendre Coefficients

43-Tc-93



17

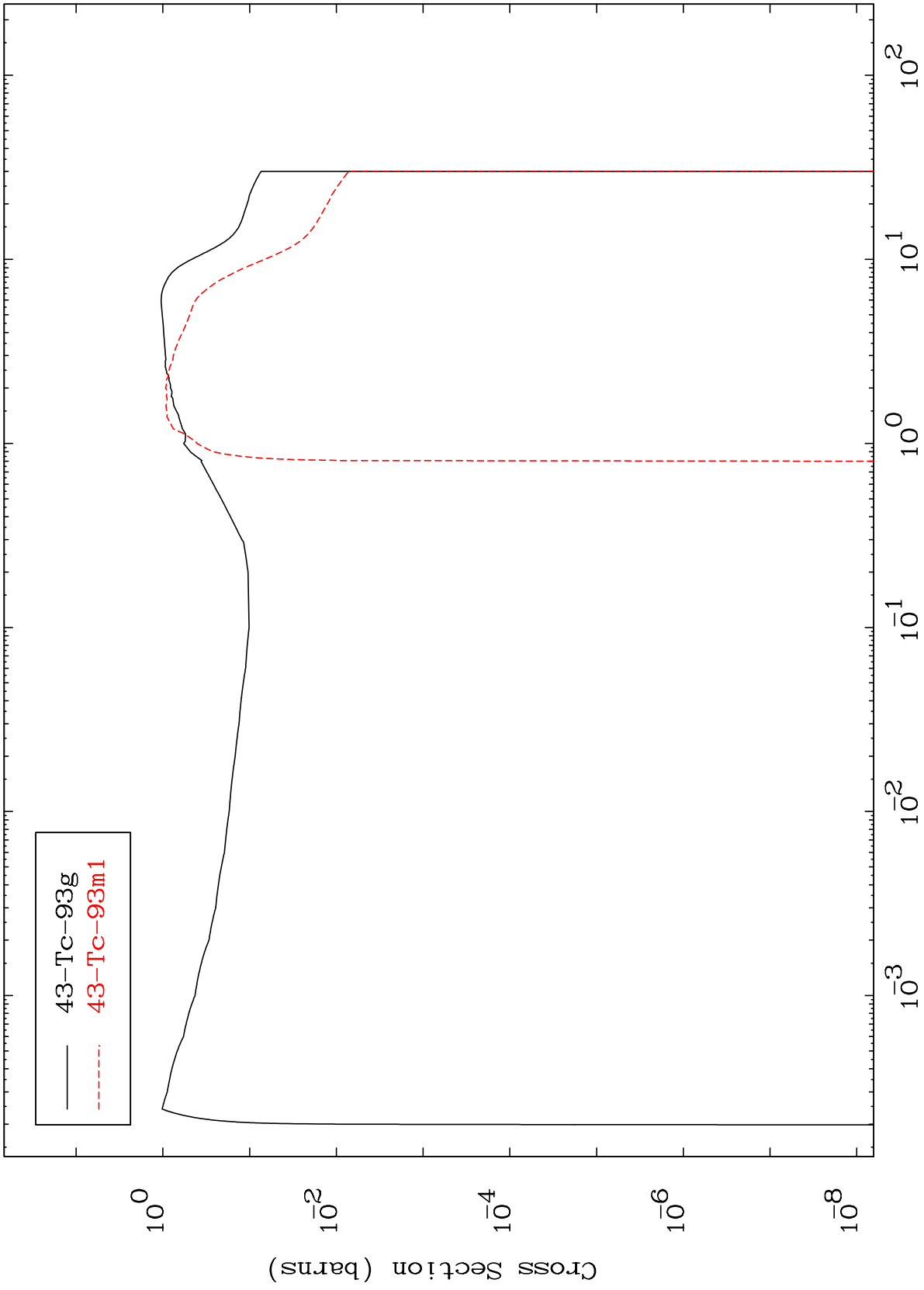
Incident Energy (MeV)

43-Tc-93

MAT 4308

Radionuclide Production Cross Section

43-Tc-93



18

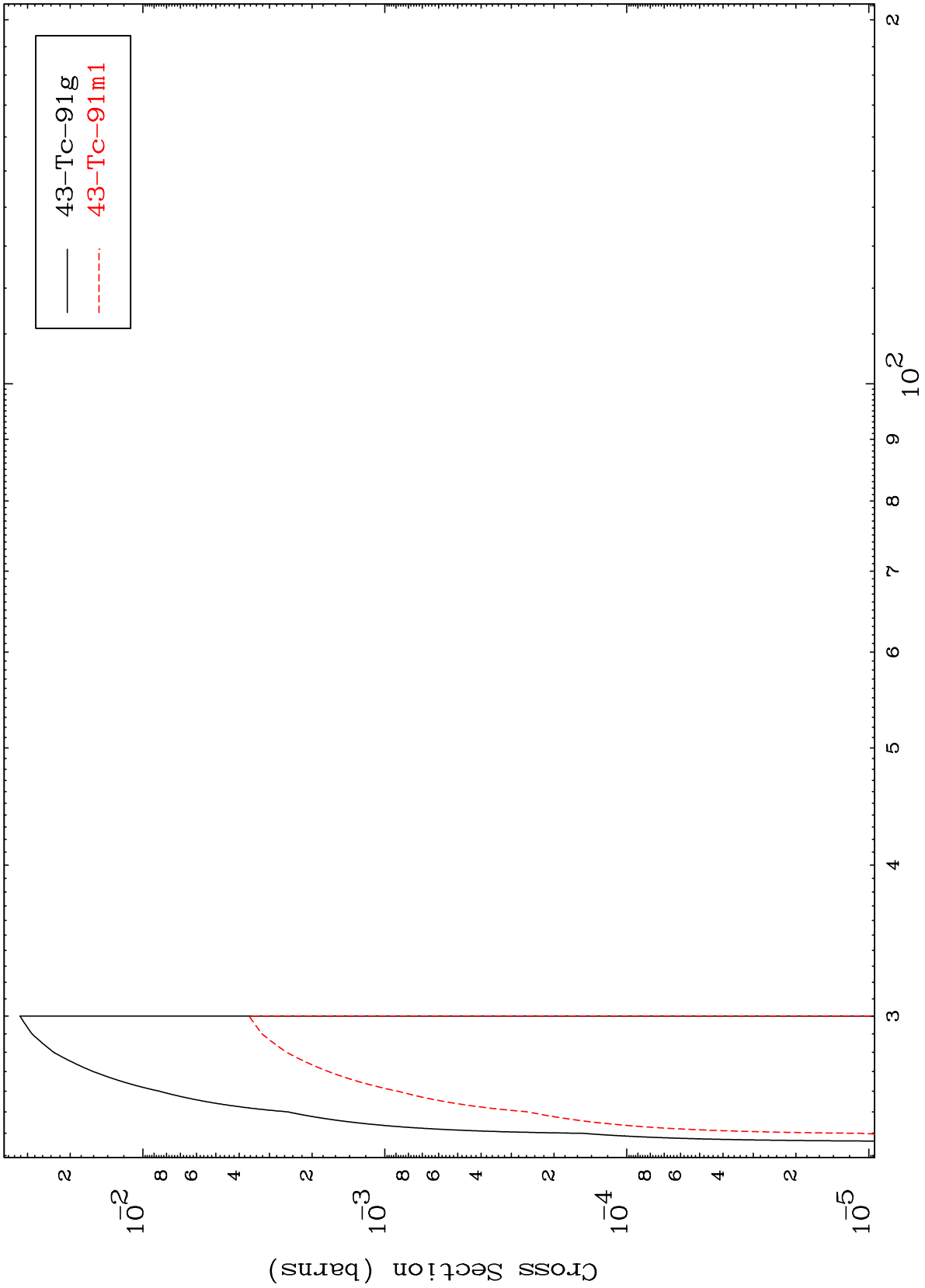
43-Tc-93

MAT 4308

(n,3n)

43-Tc-93

Radionuclide Production Cross Section



19

Incident Energy (MeV)

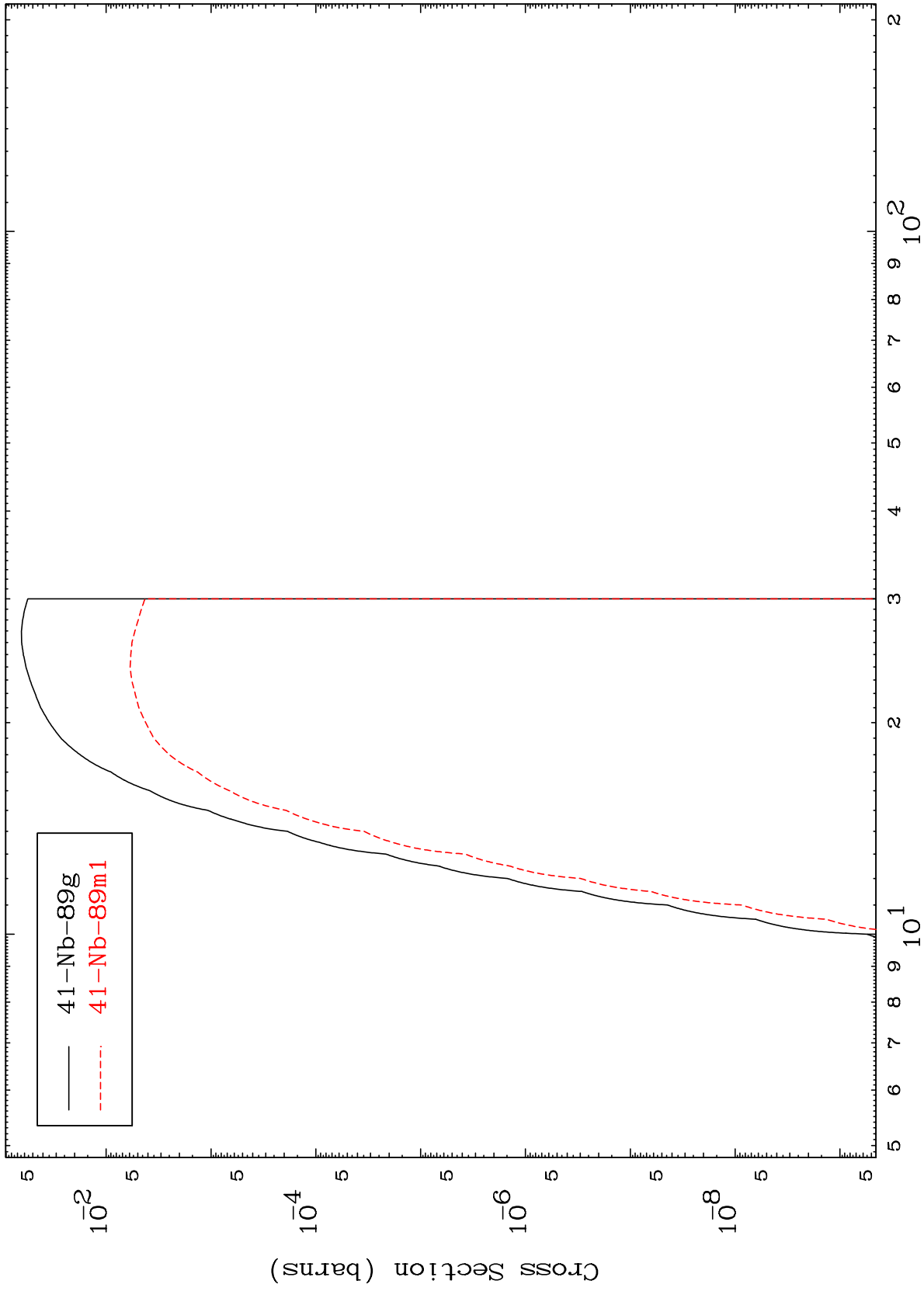
43-Tc-93

MAT 4308

(n,n')  $\alpha$

43-Tc-93

Radionuclide Production Cross Section

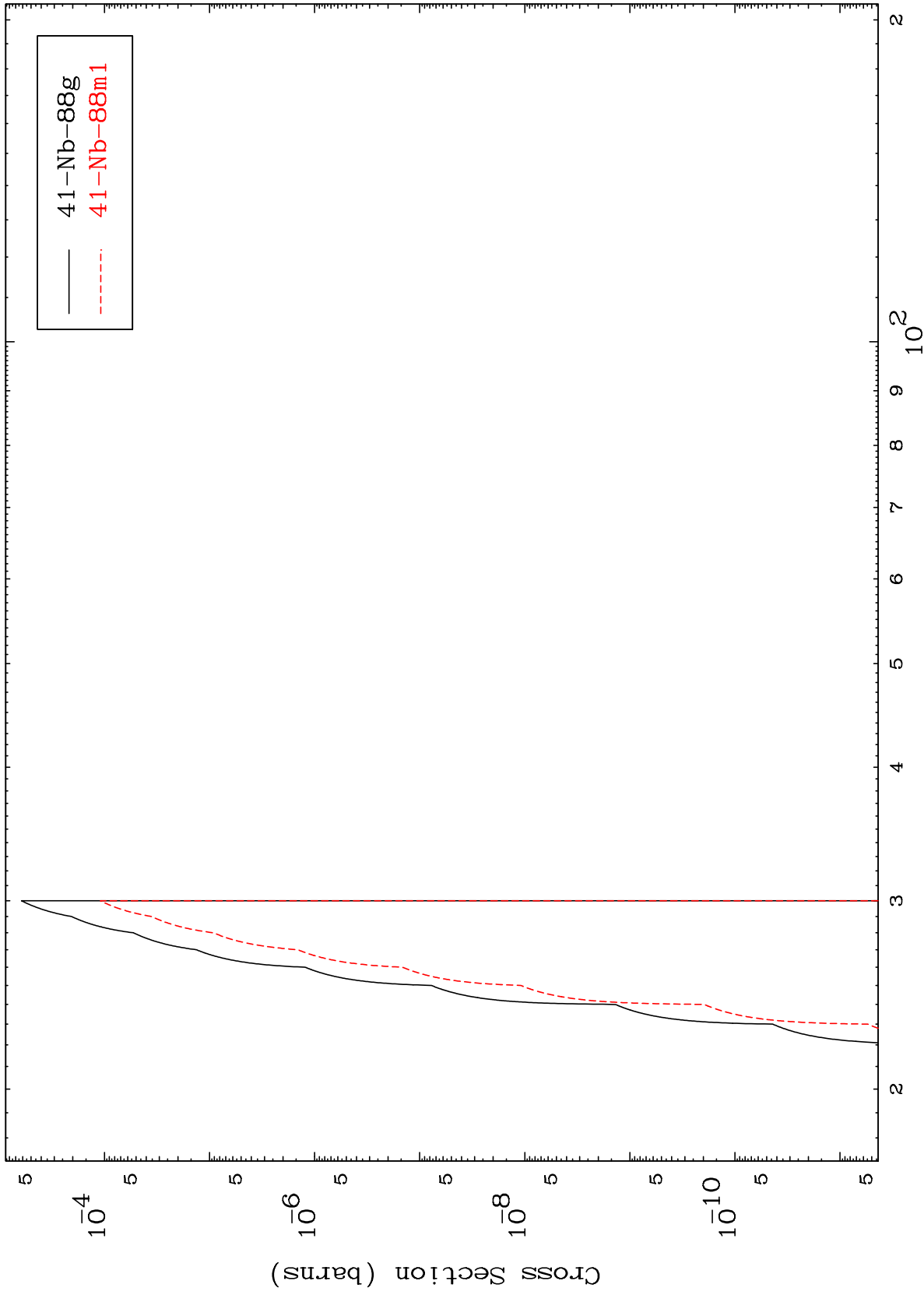


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(n,2n)  $\alpha$

43-Tc-93

Radionuclide Production Cross Section



21

Incident Energy (MeV)

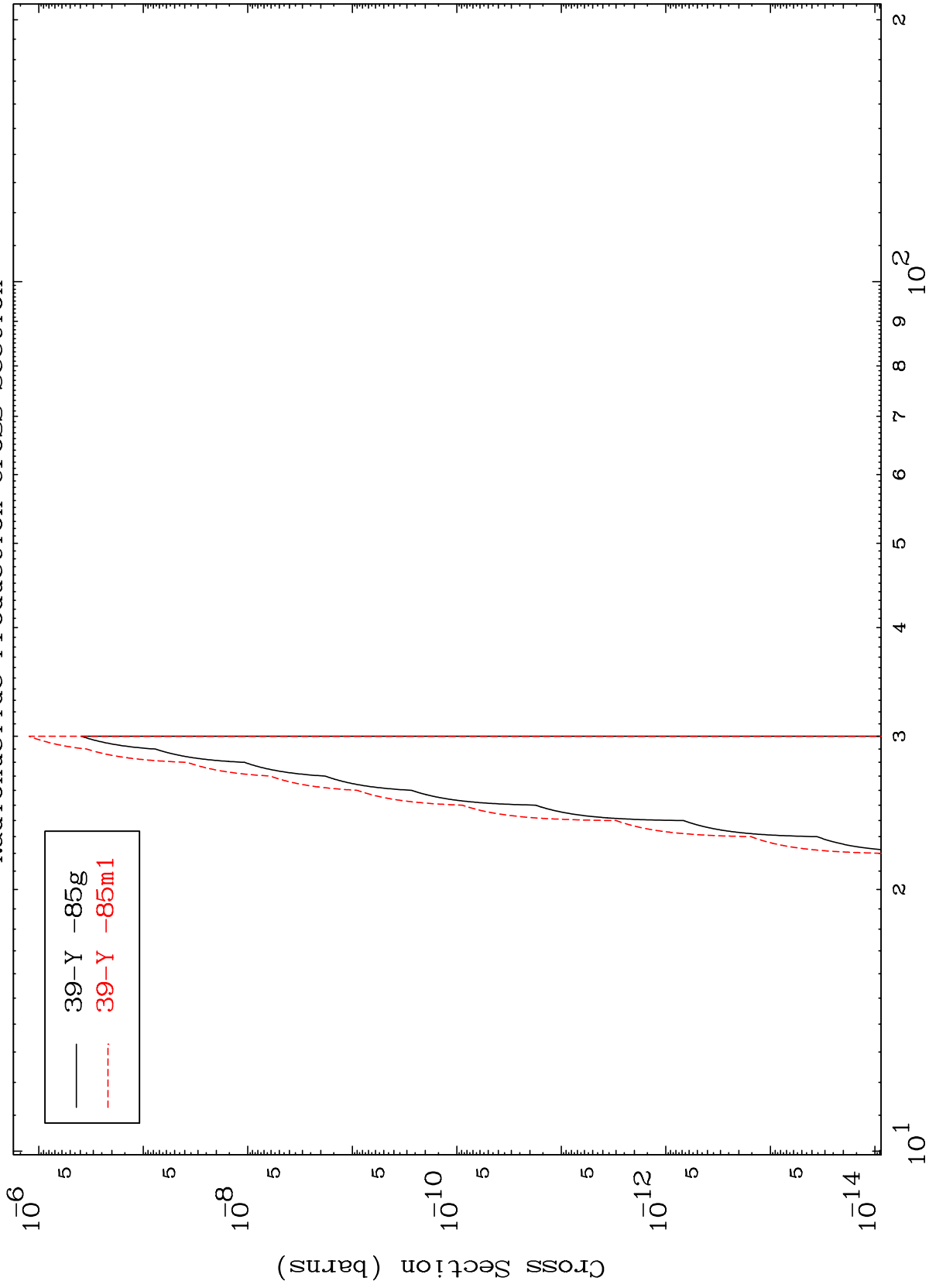
43-Tc-93

MAT 4308

(n,n') 2 $\alpha$

43-Tc-93

Radionuclide Production Cross Section



22

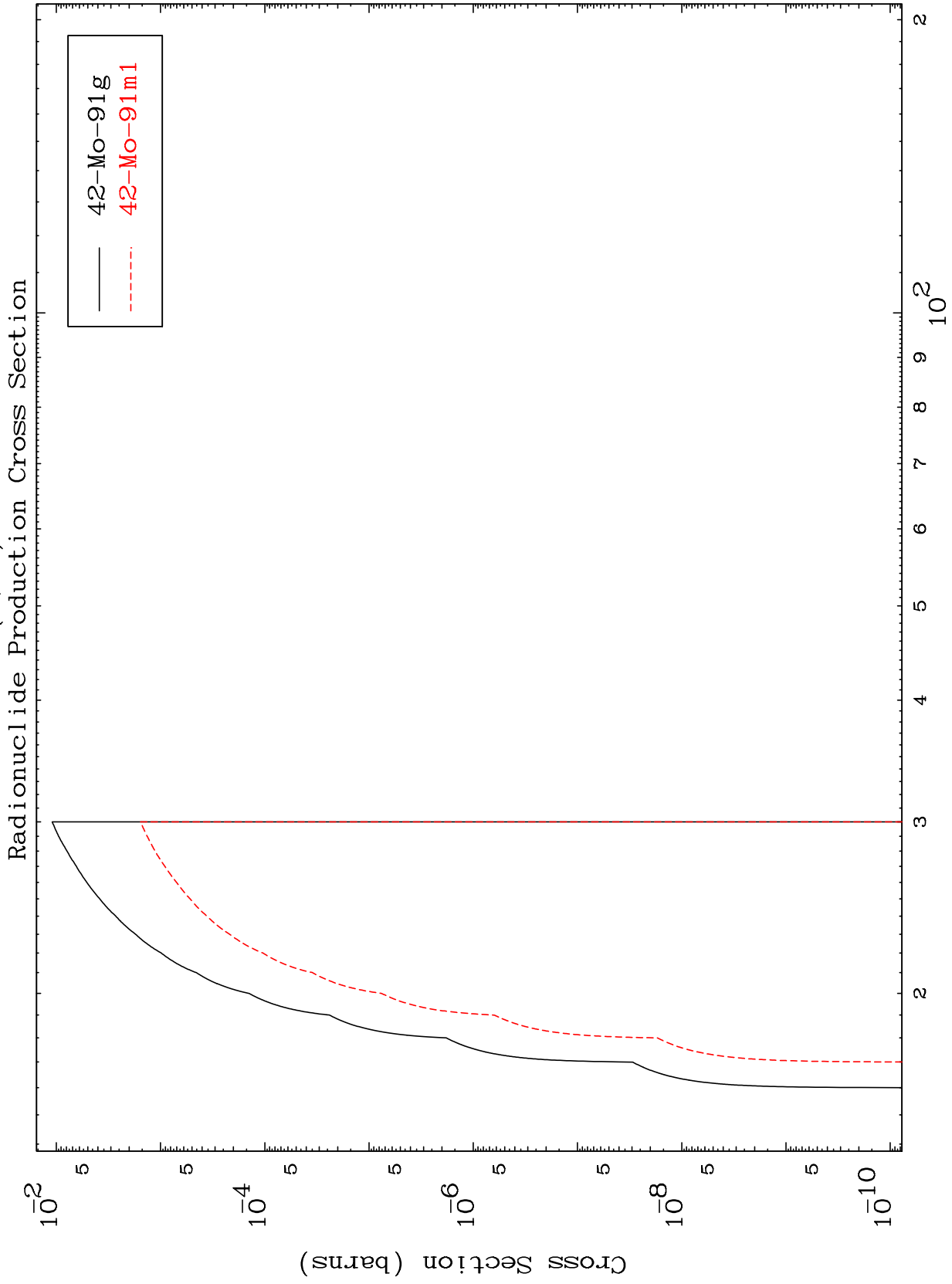
Incident Energy (MeV)

43-Tc-93

MAT 4308

(n,n') d

43-Tc-93



23

43-Tc-93

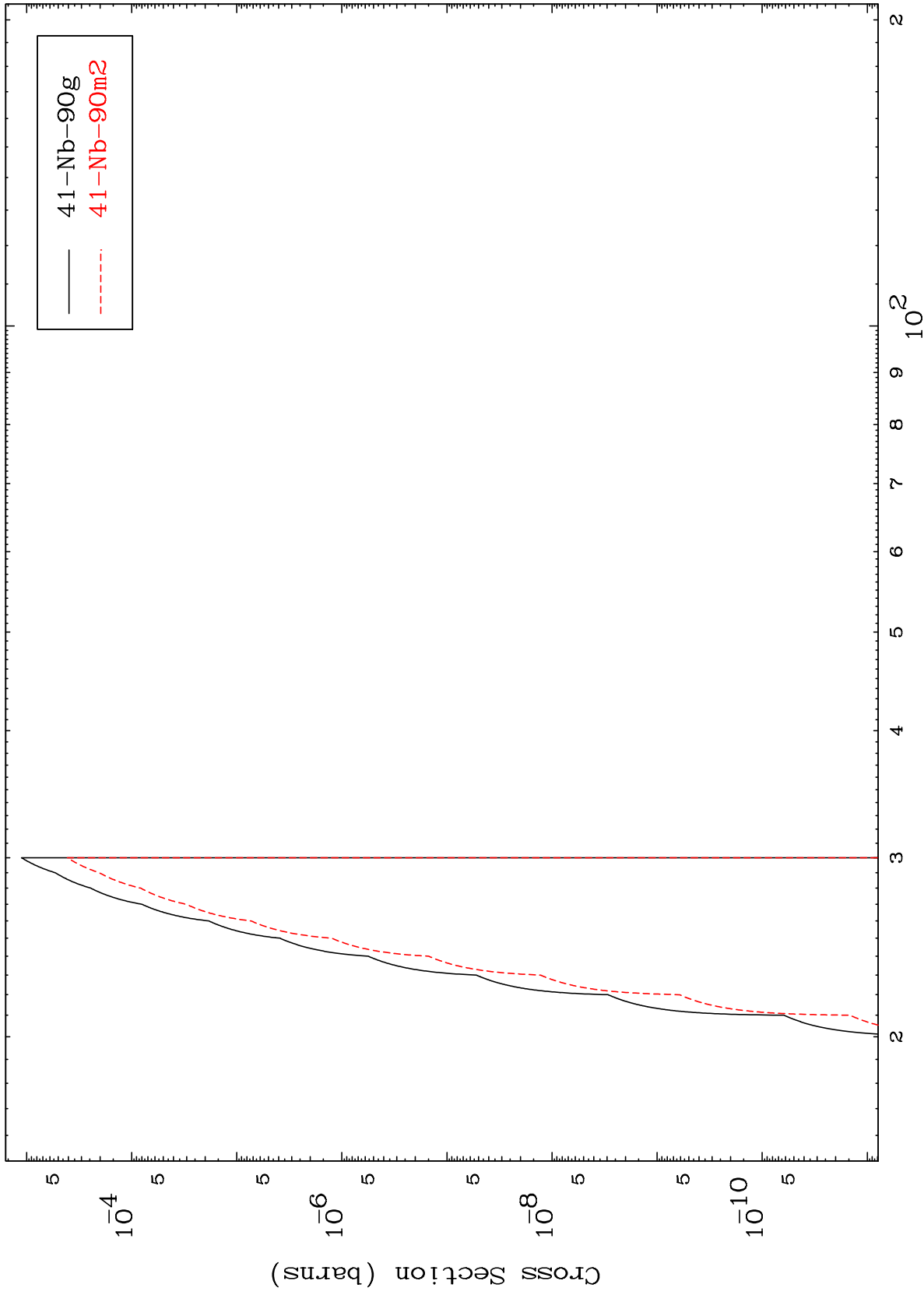


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(n, n') He-3

43-Tc-93

Radionuclide Production Cross Section



24

Incident Energy (MeV)

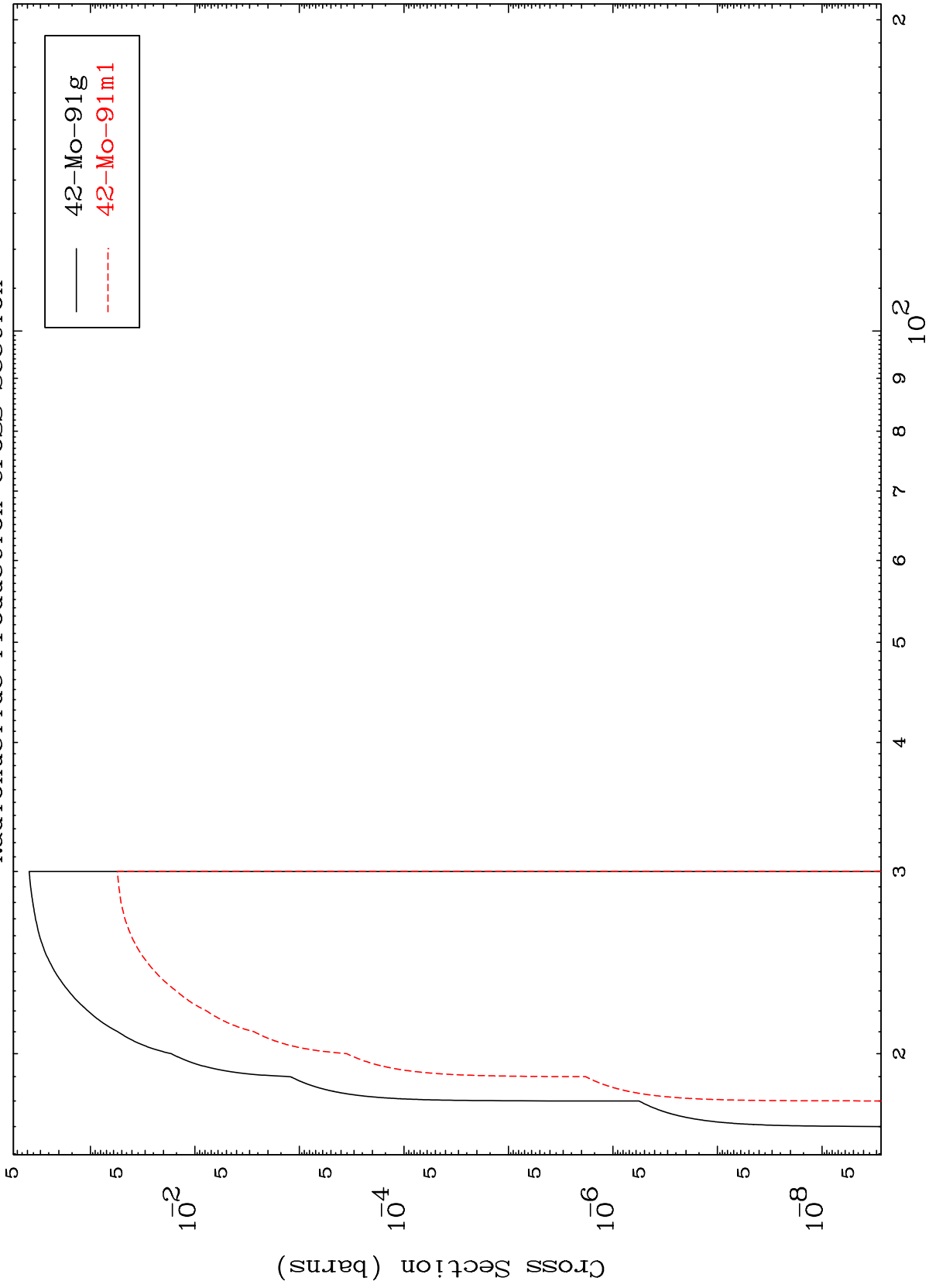
43-Tc-93

MAT 4308

(n,2n) p

43-Tc-93

Radionuclide Production Cross Section



25

Incident Energy (MeV)

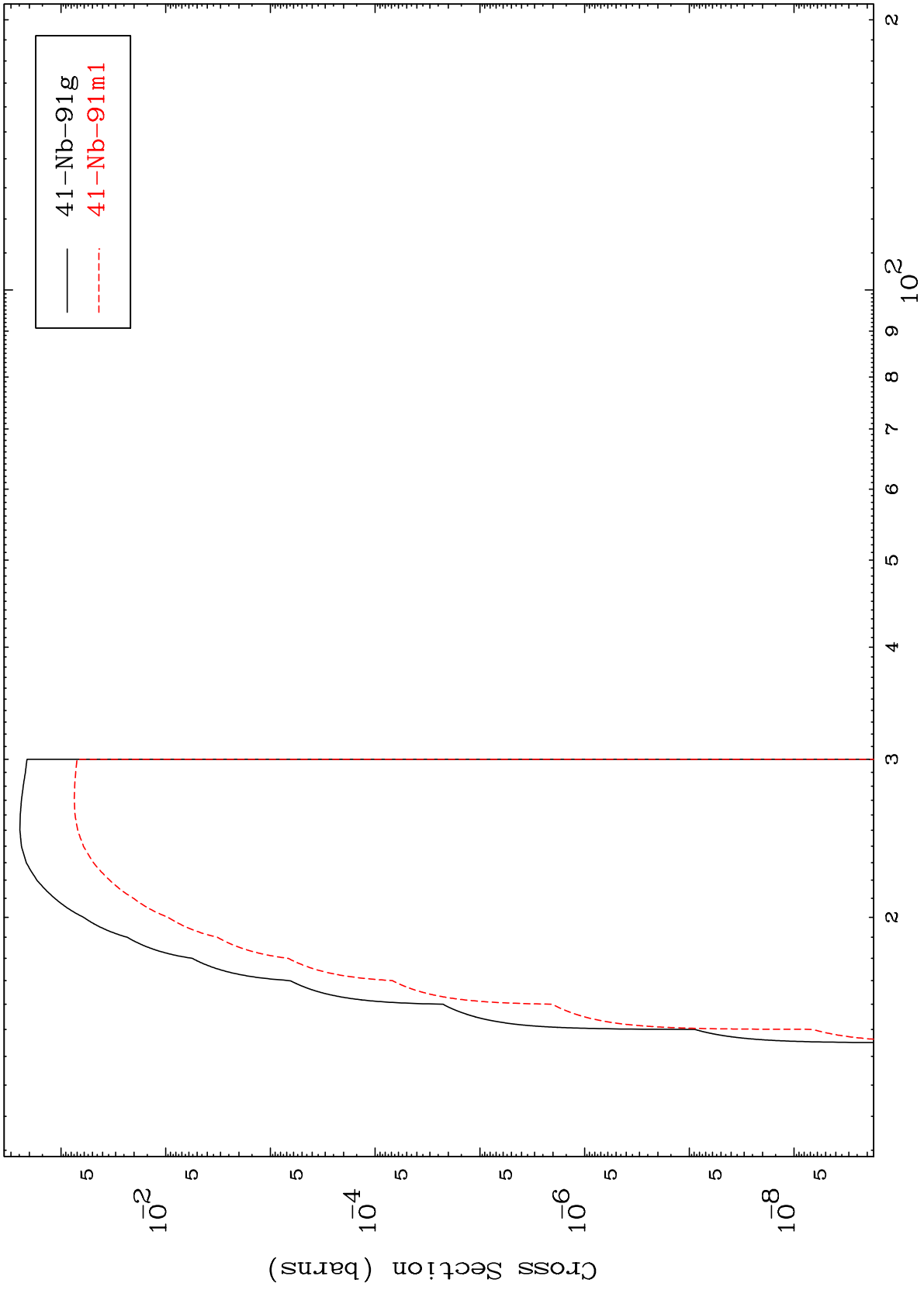
43-Tc-93

MAT 4308

(n,2n) p

43-Tc-93

Radionuclide Production Cross Section



26

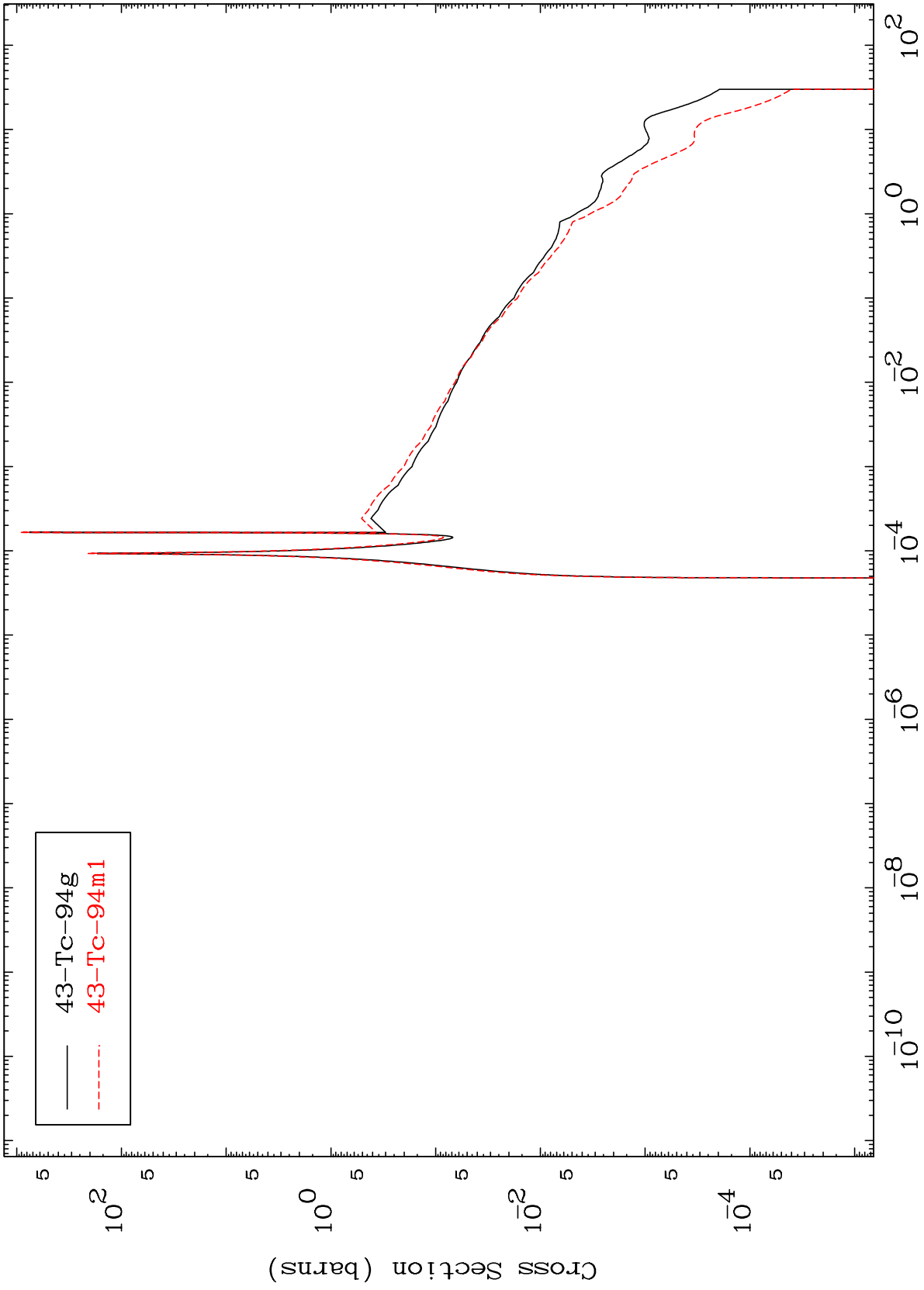
Incident Energy (MeV)

43-Tc-93

MAT 4308

43-Tc-93

(n,γ)  
Radionuclide Production Cross Section



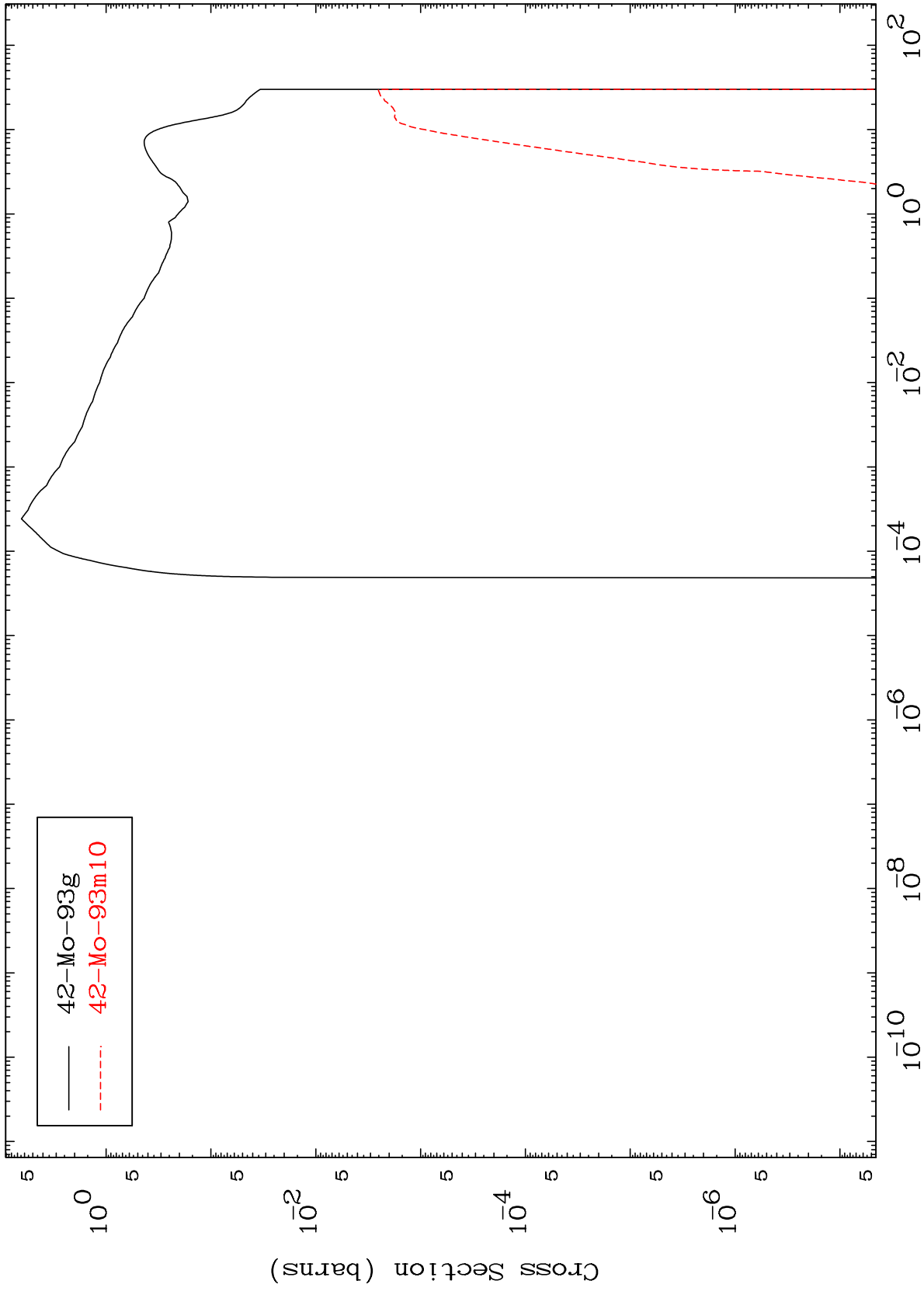
— 43-Tc-94g  
- - - 43-Tc-94m1

43-Tc-93

MAT 4308

43-Tc-93

(n,p)  
Radionuclide Production Cross Section



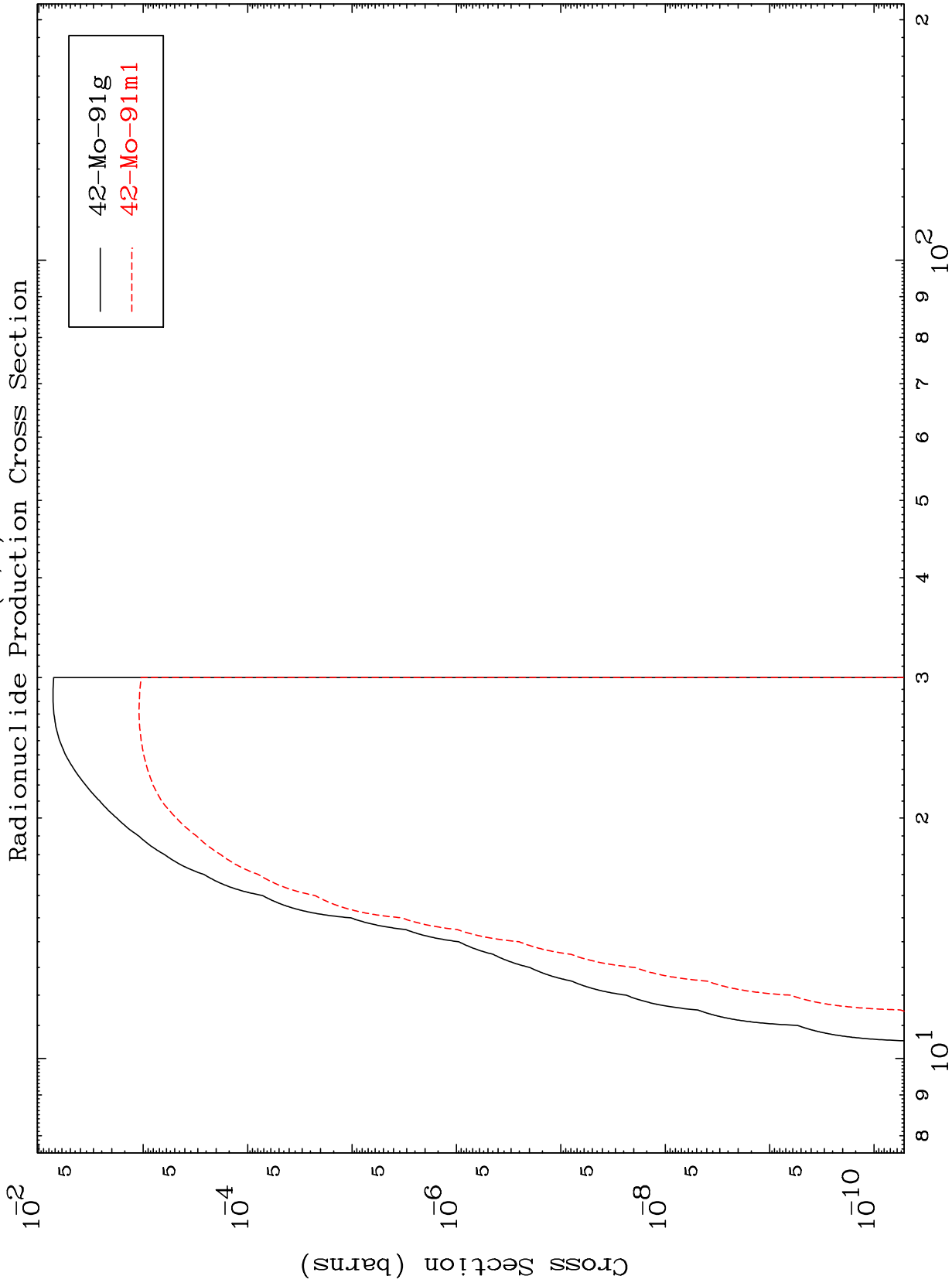
28

43-Tc-93

MAT 4308

(n, t)

43-Tc-93



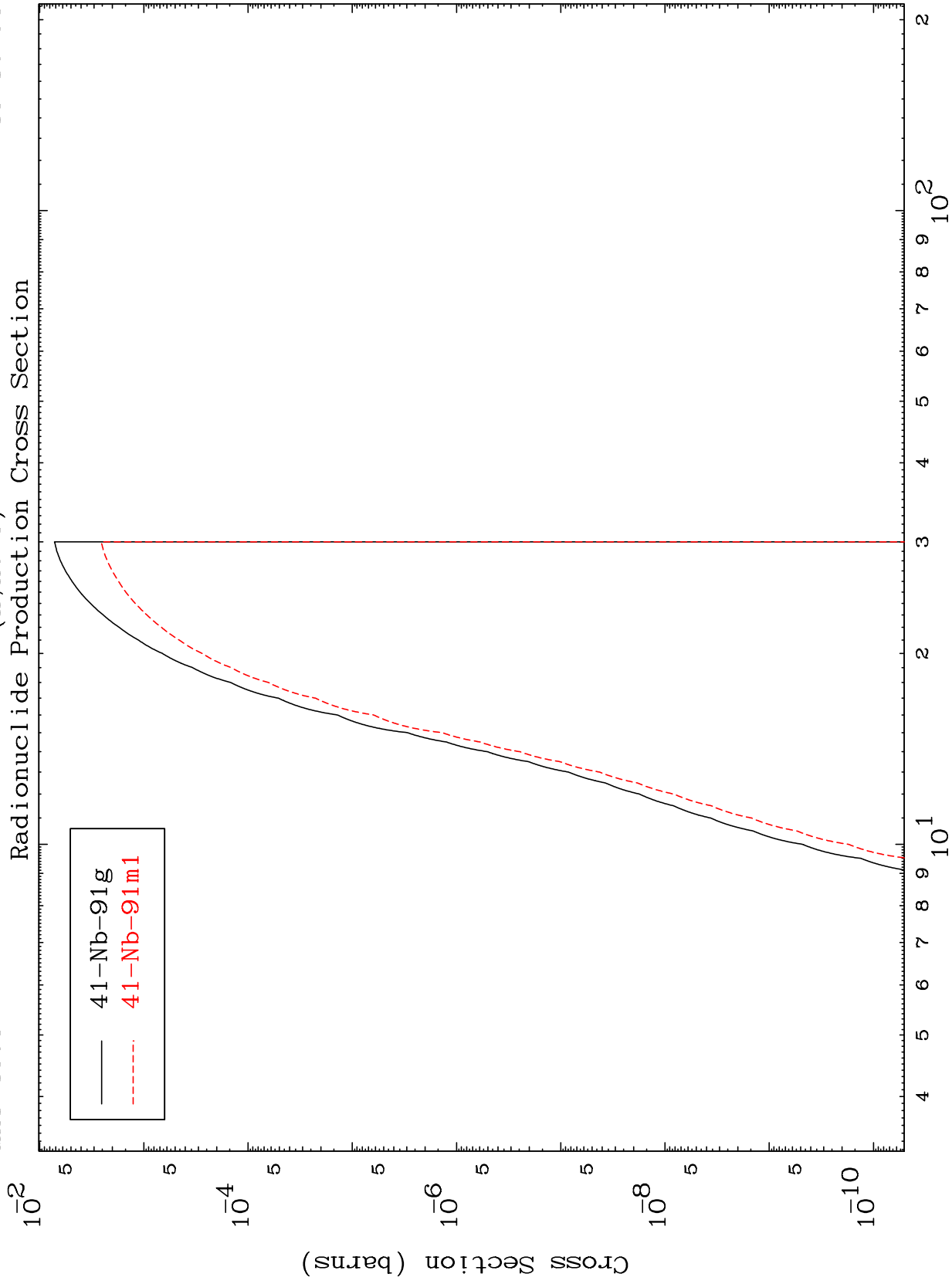
29

43-Tc-93

MAT 4308

(n, He-3)

43-Tc-93

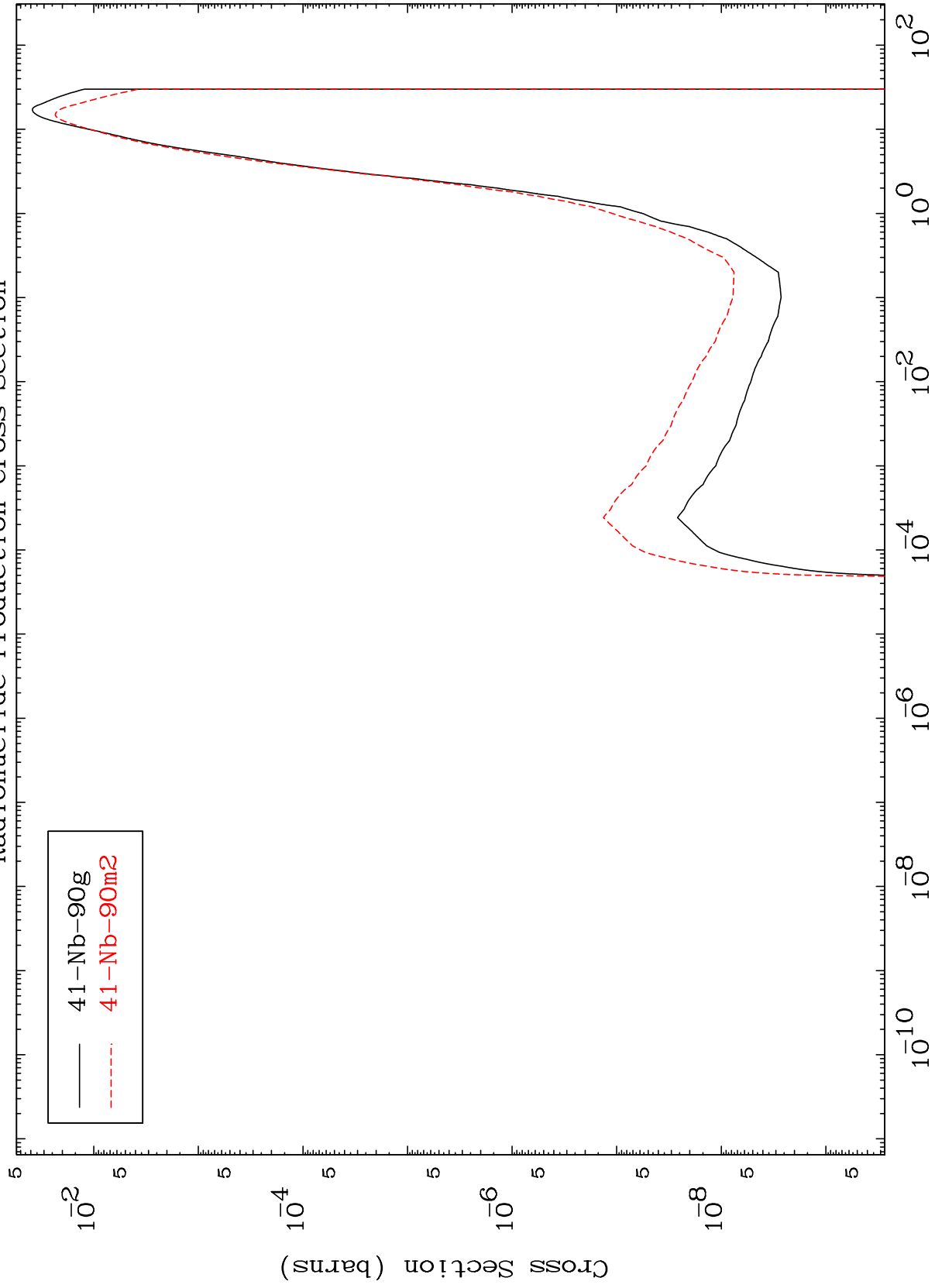


MAT 4308

(n,  $\alpha$ )

43-Tc-93

Radionuclide Production Cross Section



— 41-Nb-90g  
- - - 41-Nb-90m2

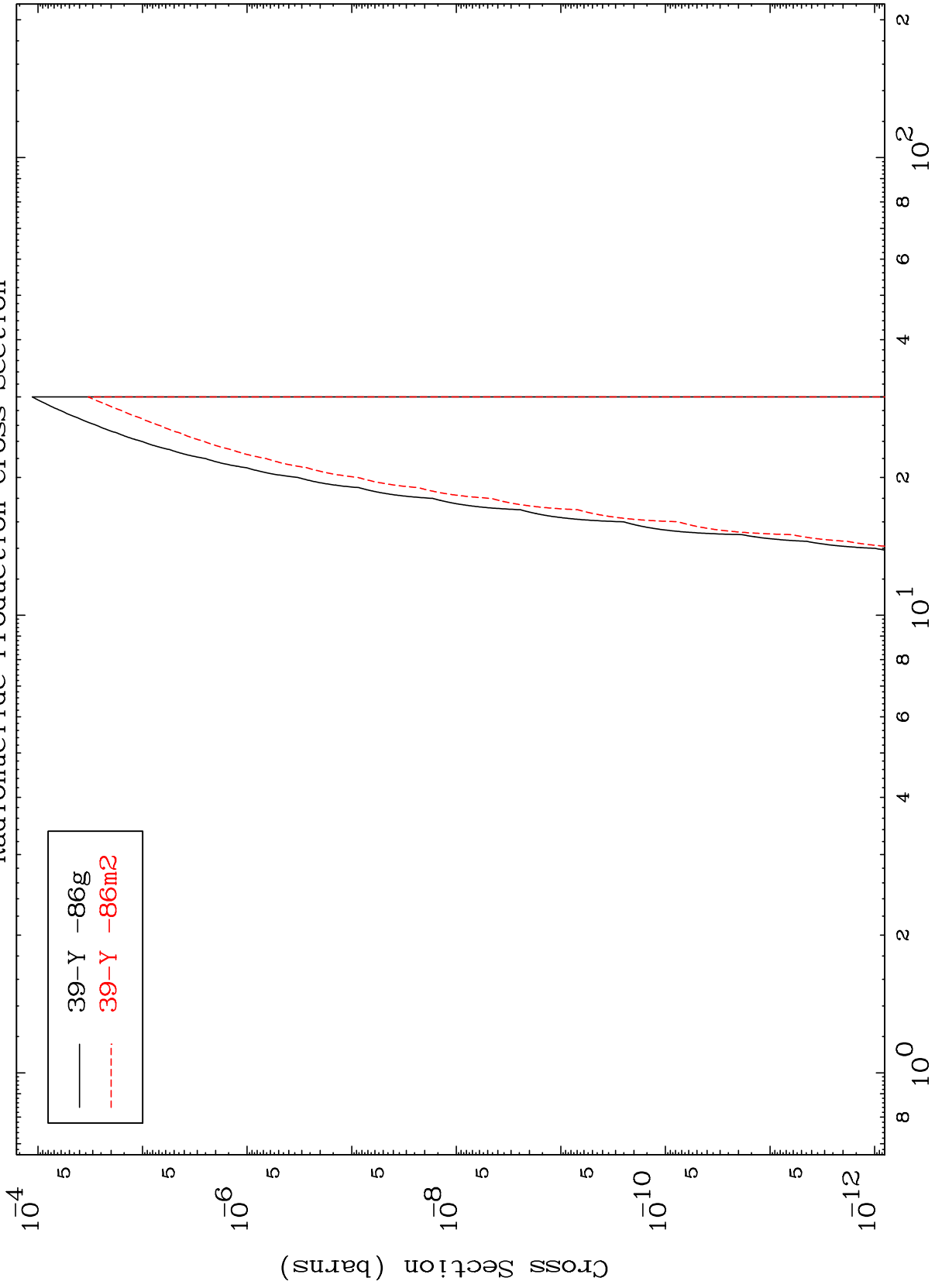


MAT 4308

(n,2α)

43-Tc-93

Radionuclide Production Cross Section



39-Y -86g  
39-Y -86m2

32

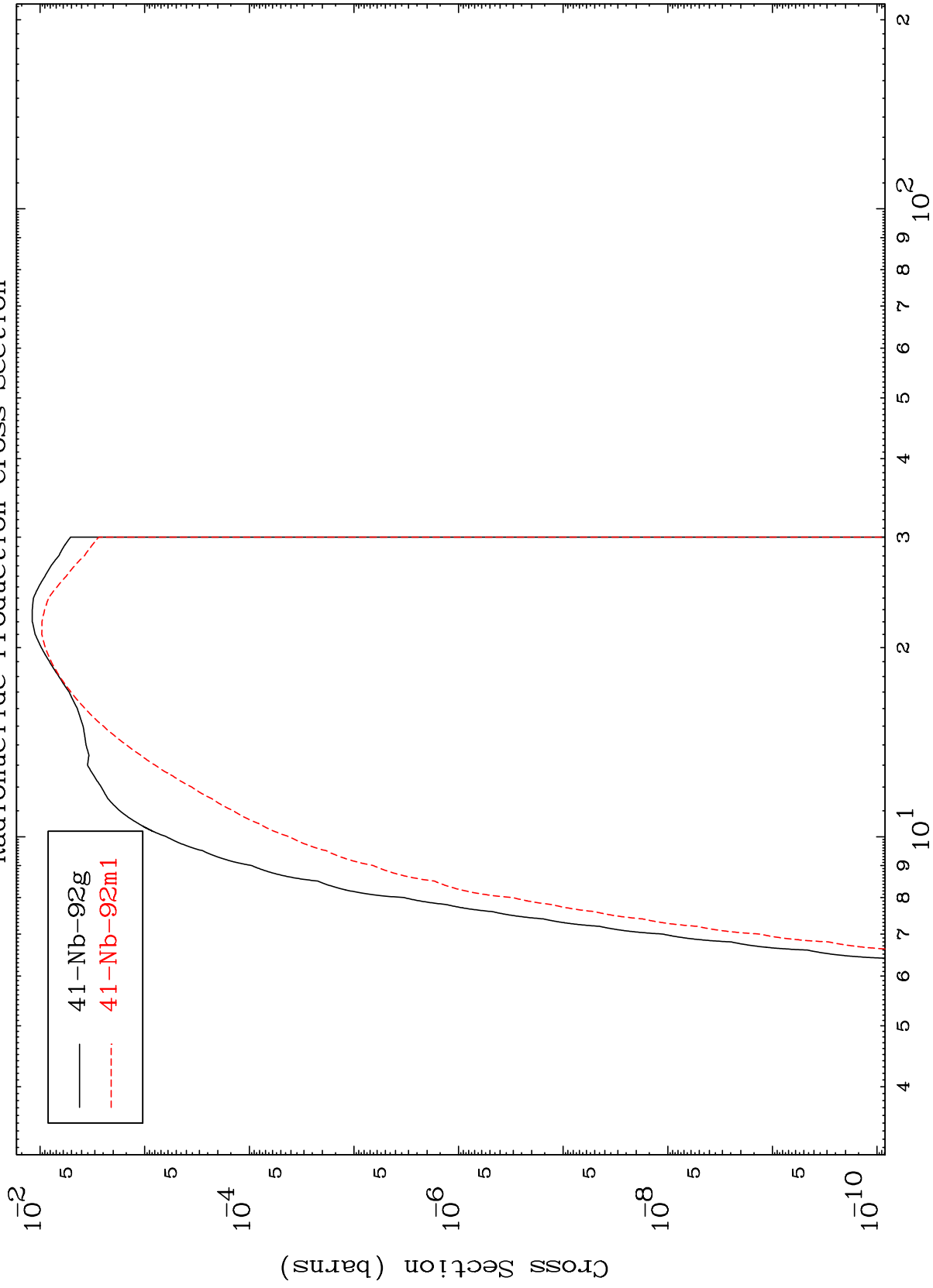
Incident Energy (MeV)

43-Tc-93

MAT 4308

43-Tc-93

Radionuclide Production Cross Section  
(n,2p)



33

Incident Energy (MeV)

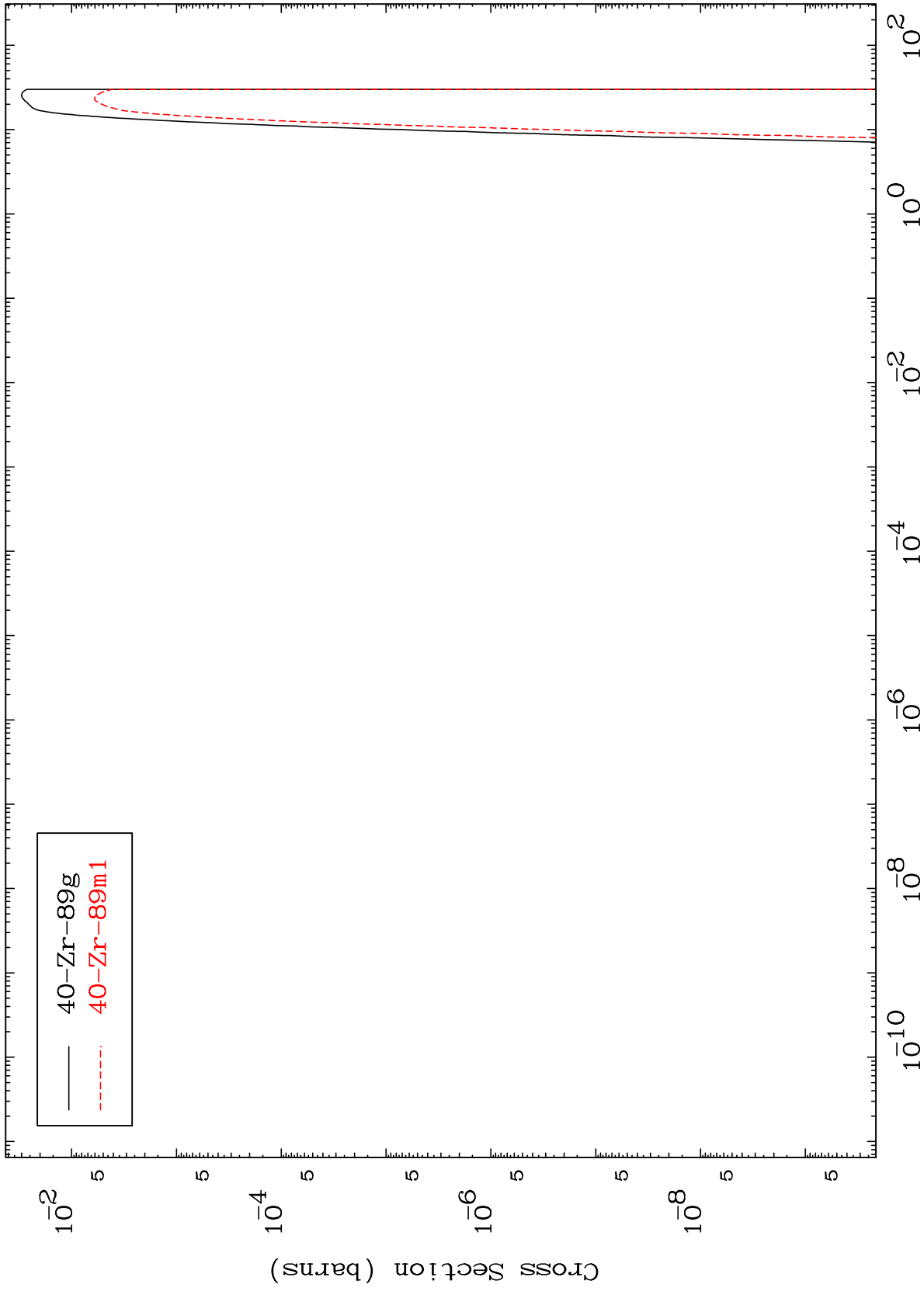
43-Tc-93

MAT 4308

(n,p)  $\alpha$

43-Tc-93

Radionuclide Production Cross Section



— 40-Zr-89g  
- - - 40-Zr-89m1

34

Incident Energy (MeV)

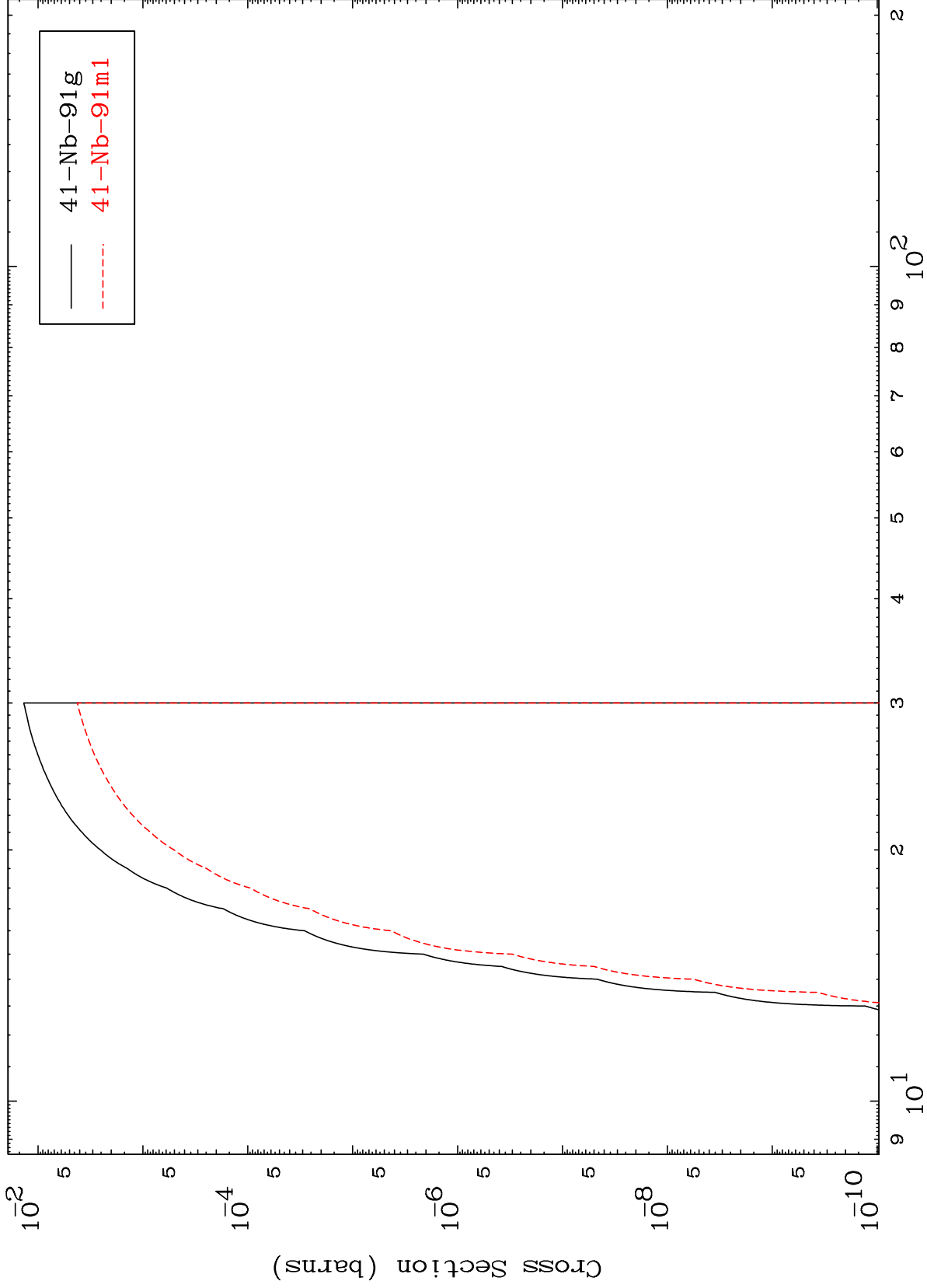
43-Tc-93

MAT 4308

(n,p) d

43-Tc-93

Radionuclide Production Cross Section



35

Incident Energy (MeV)

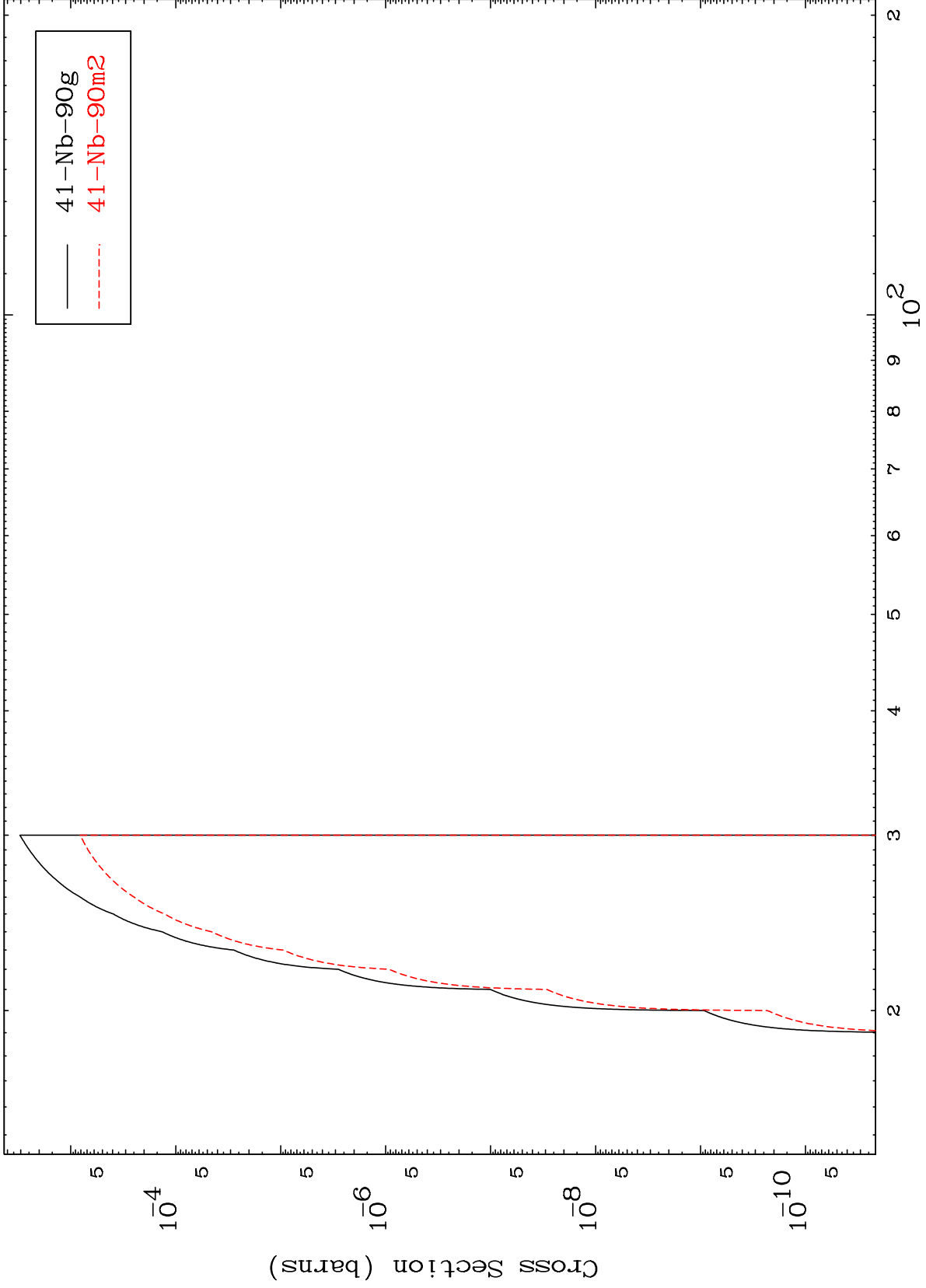
43-Tc-93

MAT 4308

(n,p) t

43-Tc-93

Radionuclide Production Cross Section



36

Incident Energy (MeV)

43-Tc-93