

Program EVALPLOT  
(Version 2018-1)

by

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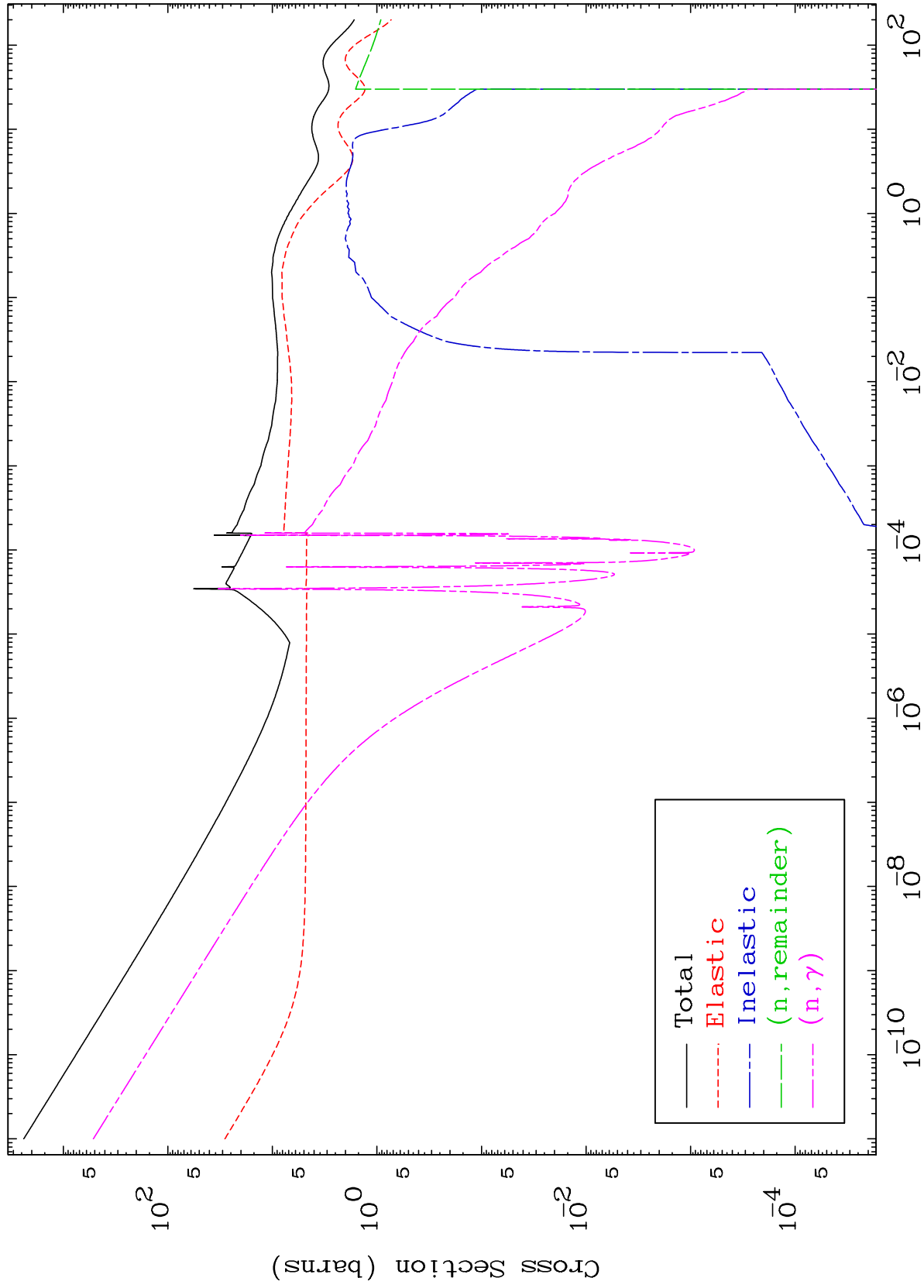
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4311

Major  
293 Kelvin Cross Sections

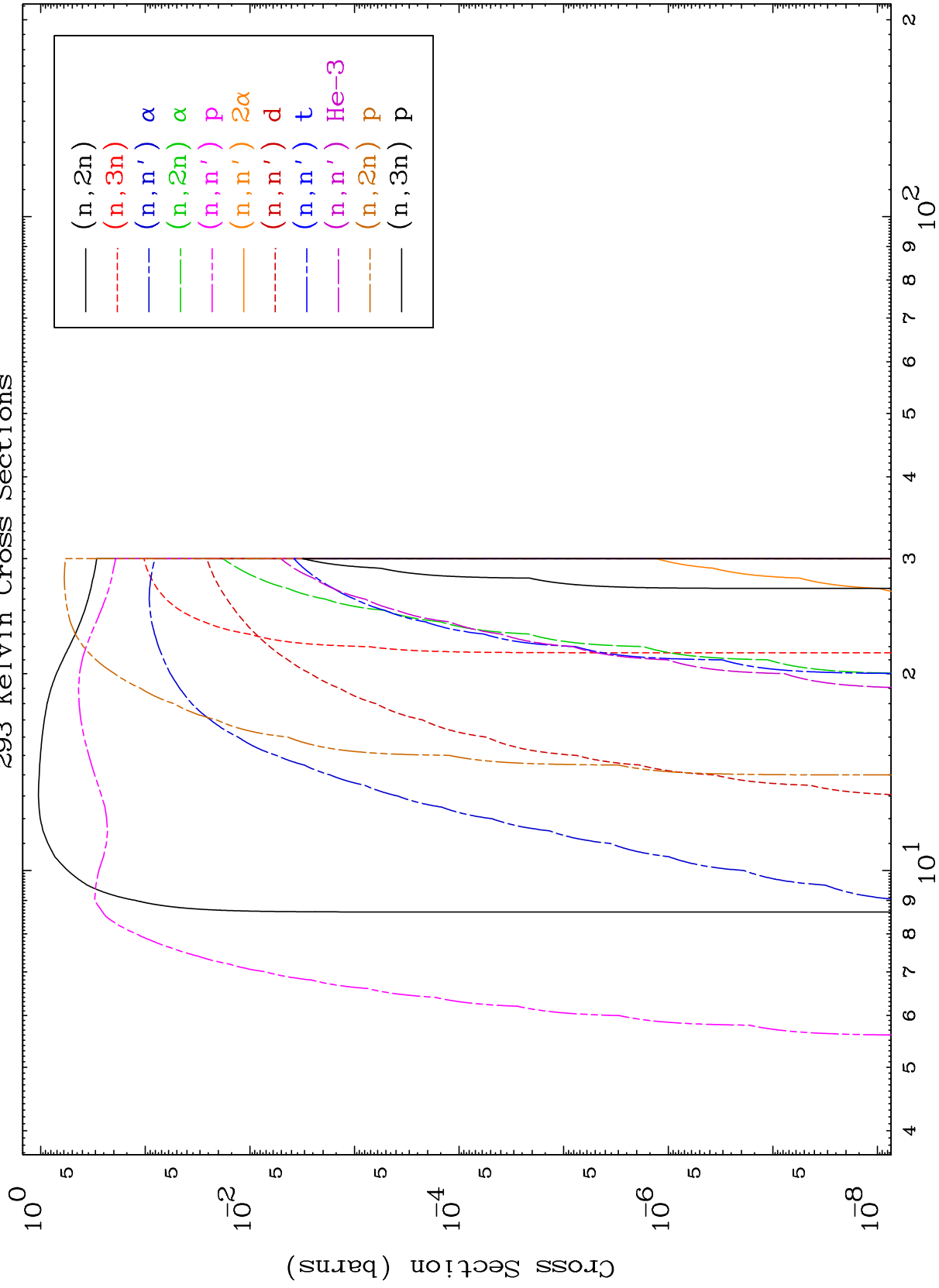
43-Tc-94



MAT 4311

Neutron Production  
293 Kelvin Cross Sections

43-Tc-94



2

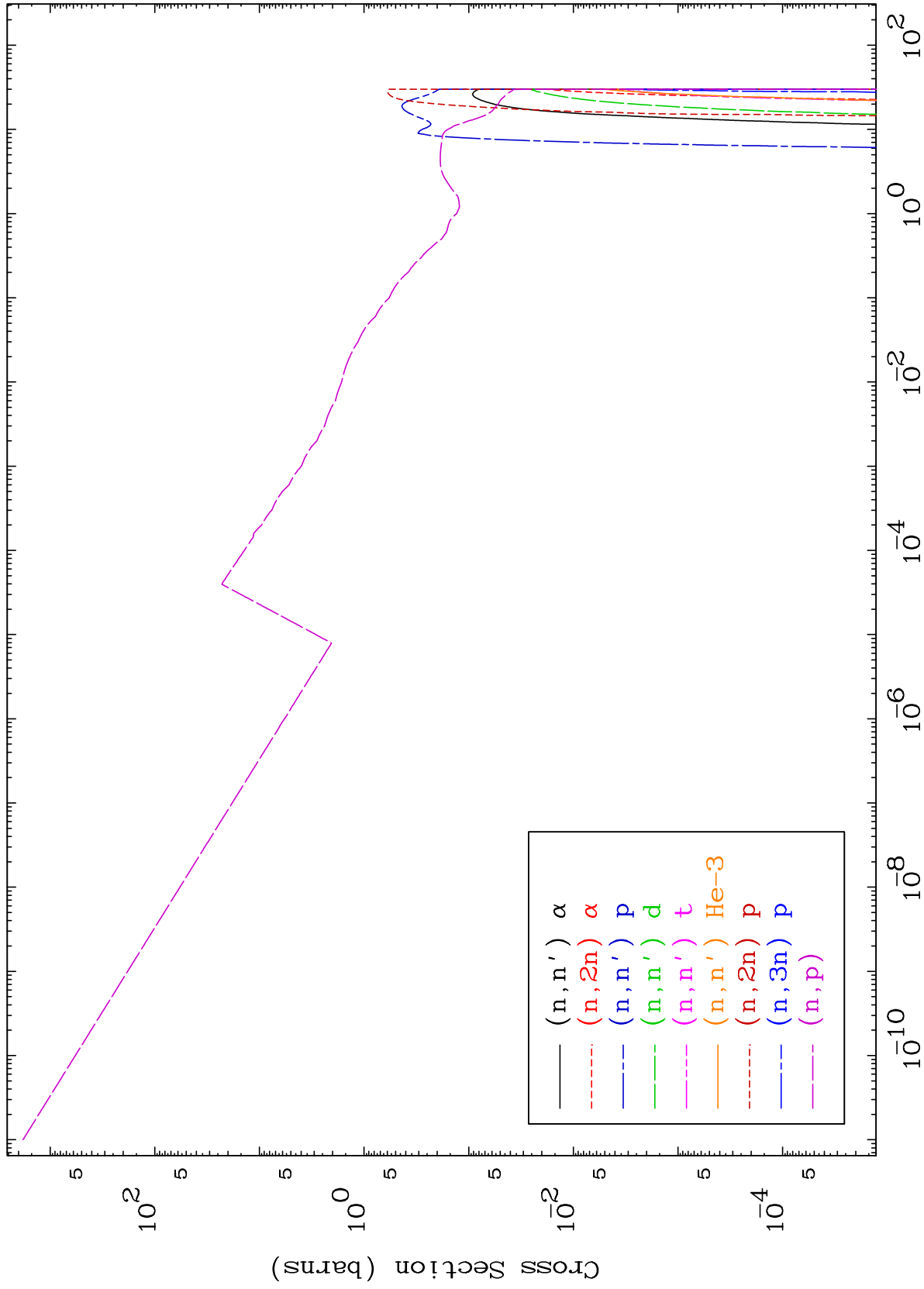
Incident Energy (MeV)

43-Tc-94

MAT 4311

293 Kelvin Cross Sections

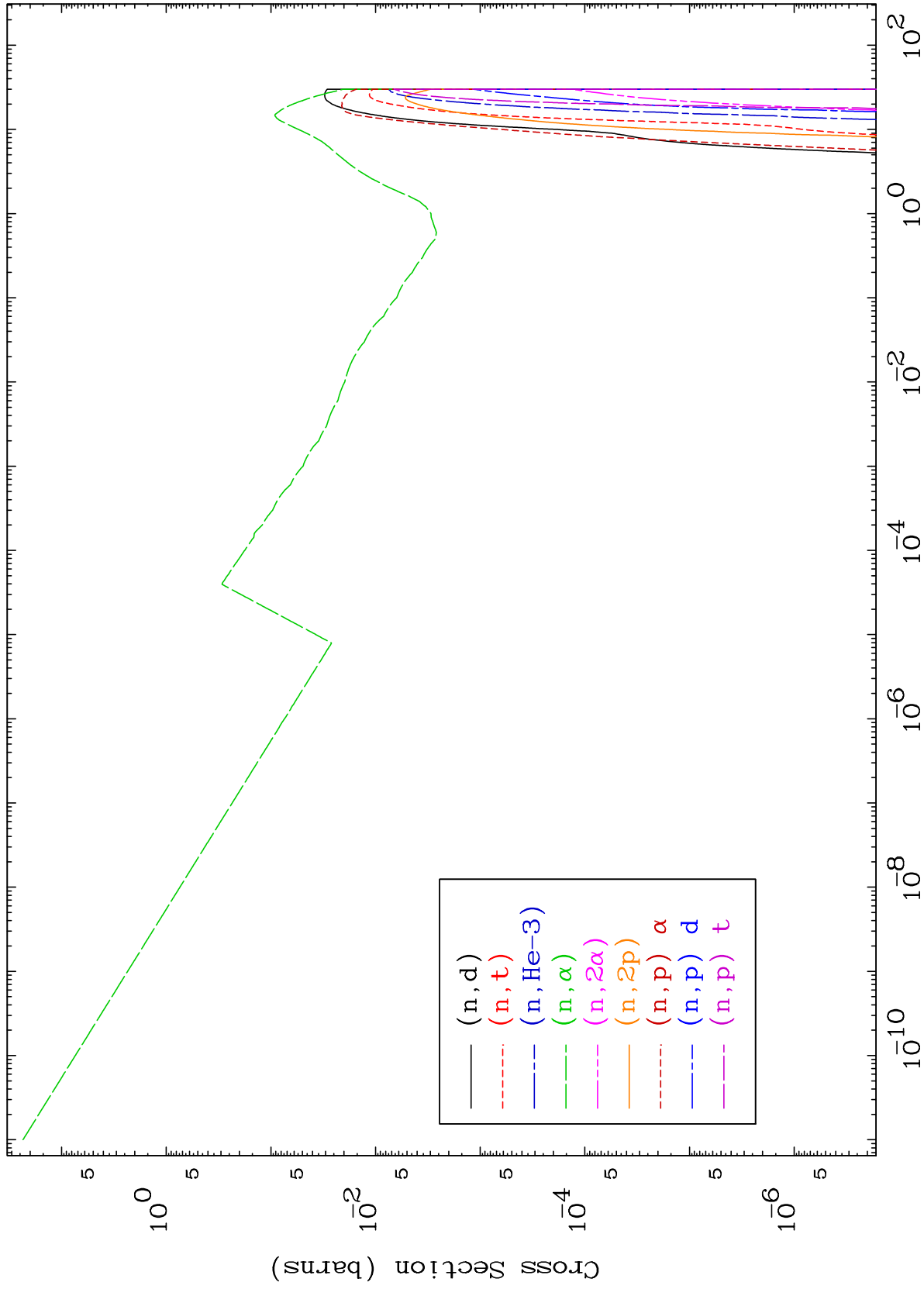
43-Tc-94



MAT 4311

Charged Particle  
293 Kelvin Cross Sections

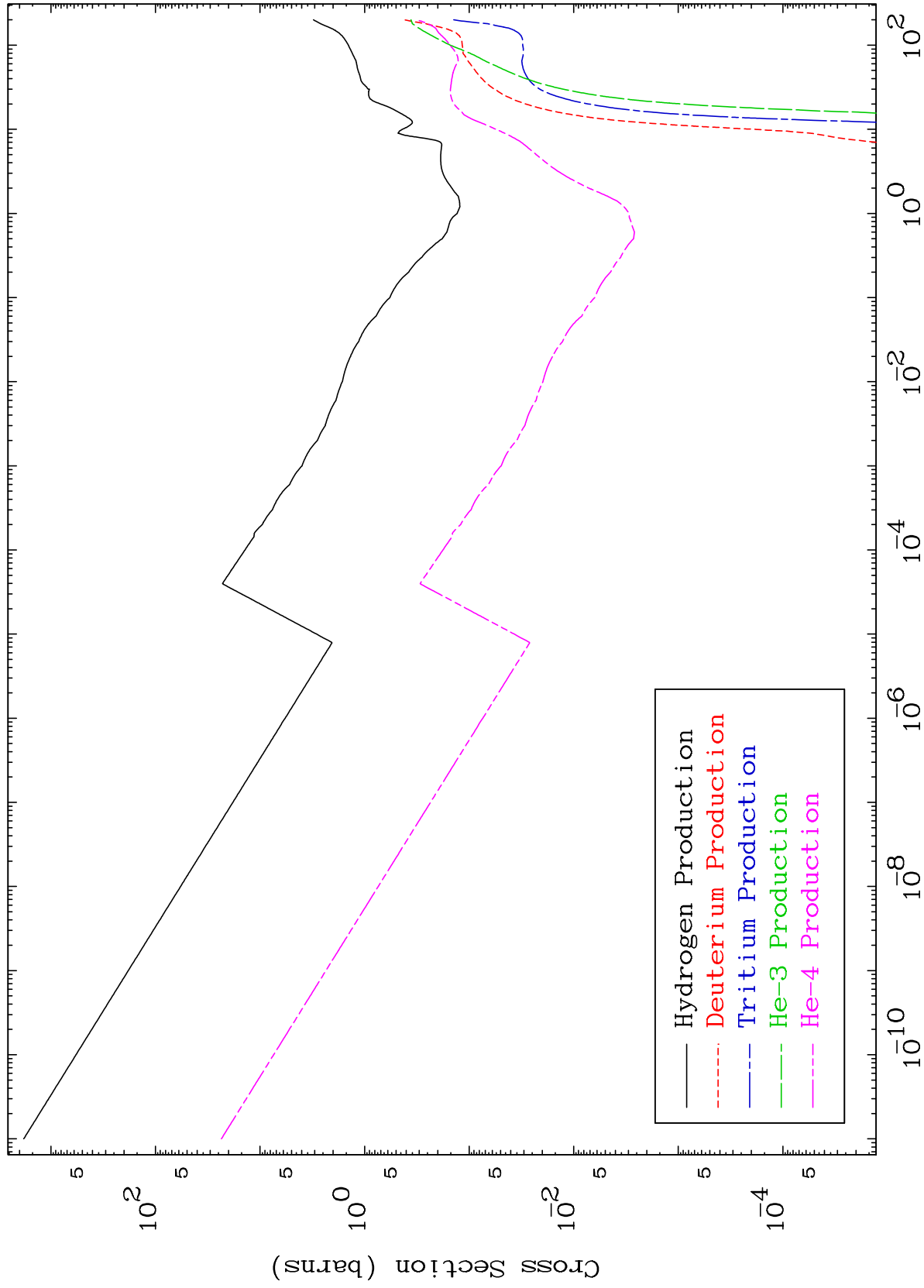
43-Tc-94



MAT 4311

Particle Production  
293 Kelvin Cross Sections

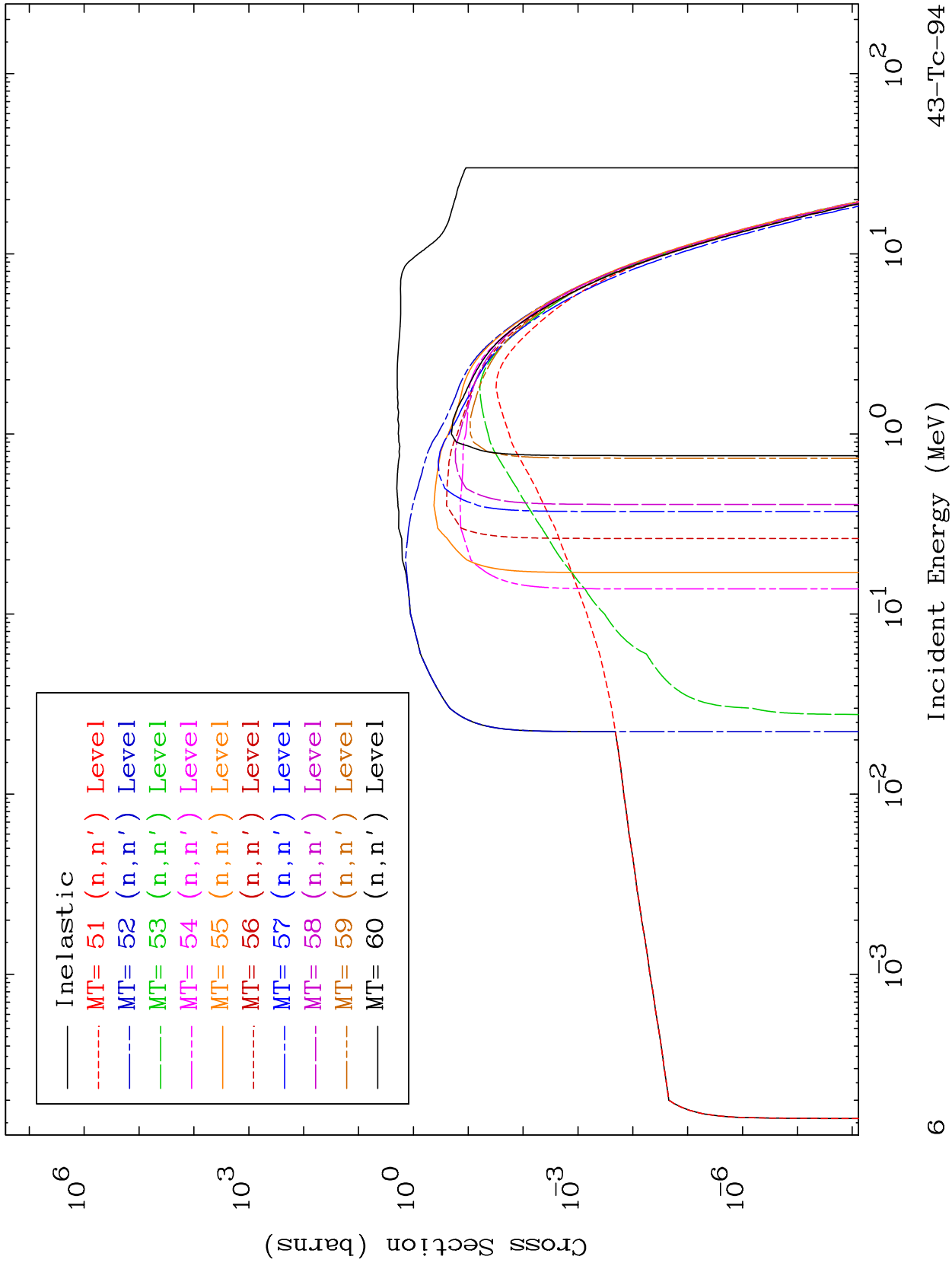
43-Tc-94



MAT 4311

(n,n') Level  
293 Kelvin Cross Sections

43-Tc-94

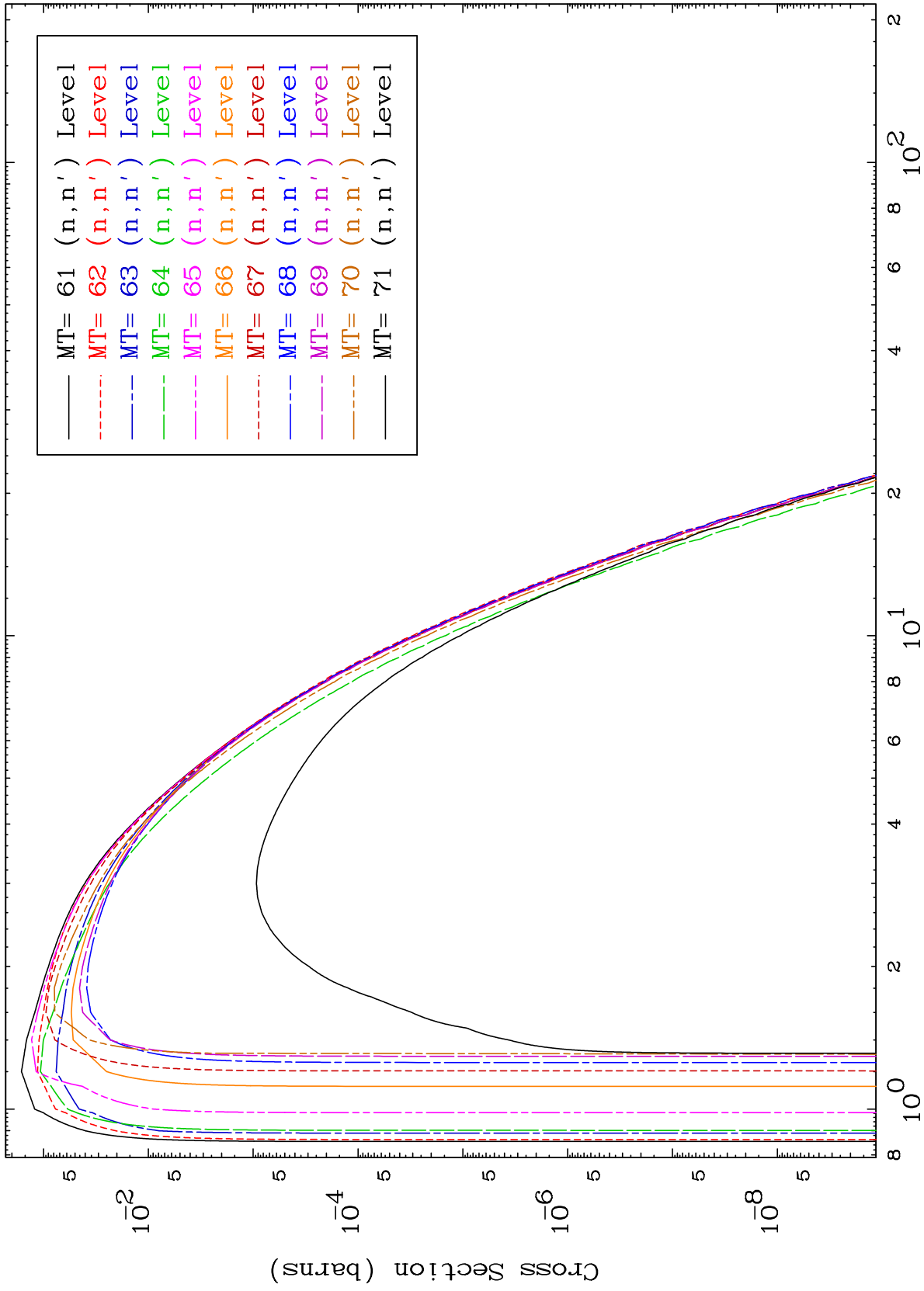


MAT 4311

(n,n') Level

43-Tc-94

293 Kelvin Cross Sections



7

Incident Energy (MeV)

43-Tc-94

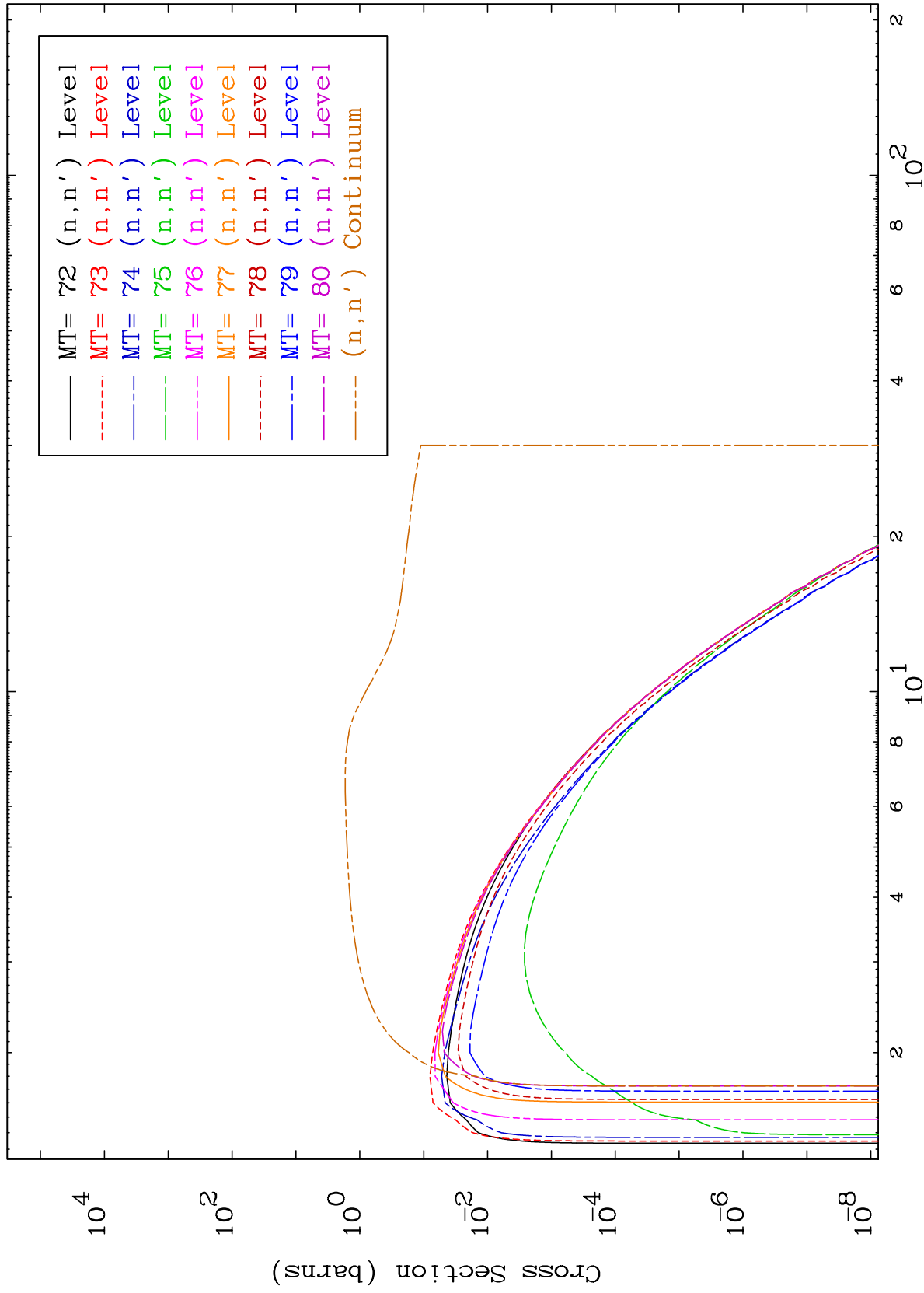


MAT 4311

(n,n') Level

43-Tc-94

293 Kelvin Cross Sections



8

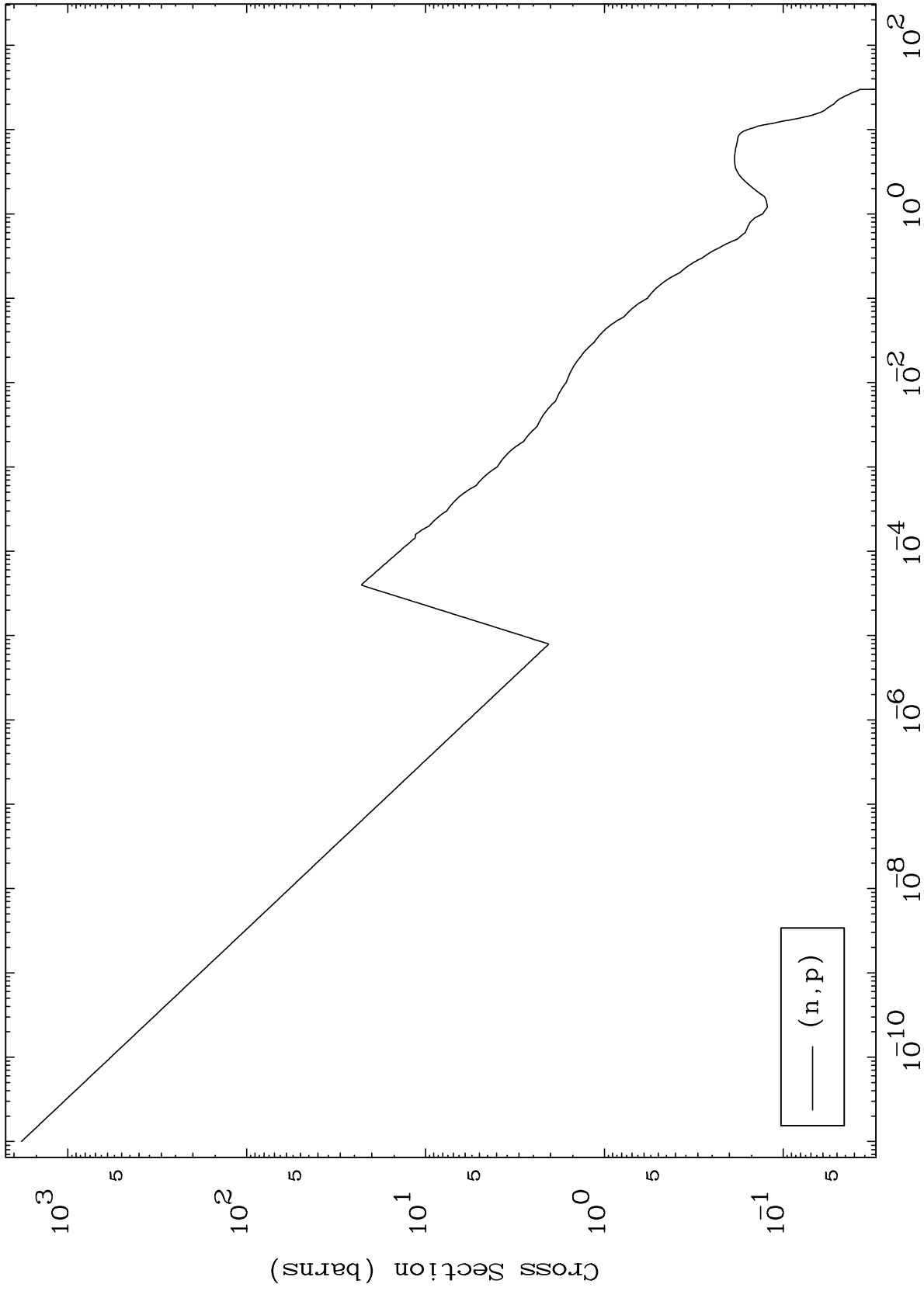
Incident Energy (MeV)

43-Tc-94

MAT 4311

(n,p) Levels  
293 Kelvin Cross Sections

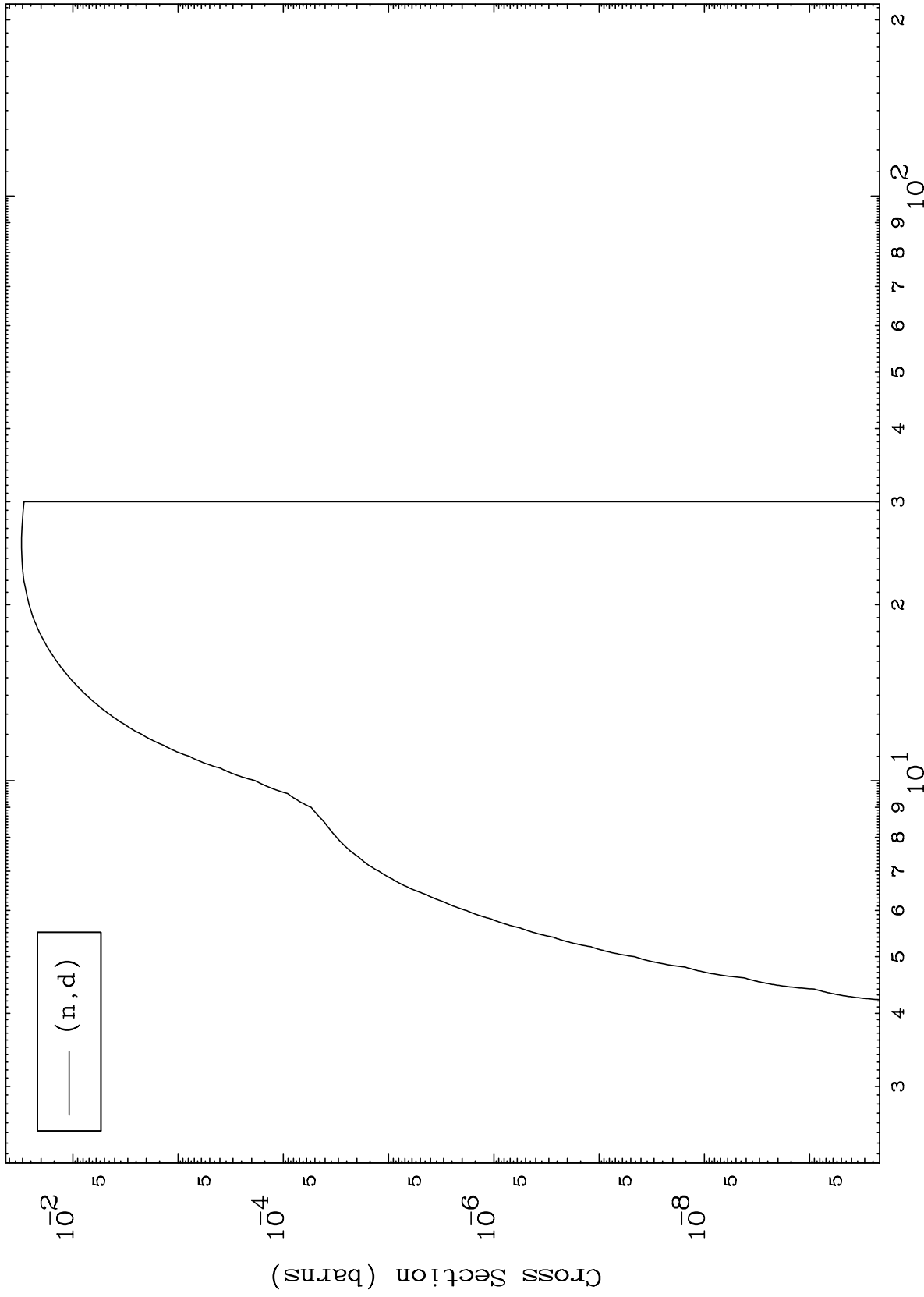
43-Tc-94



MAT 4311

(n,d) Levels  
293 Kelvin Cross Sections

43-Tc-94



10

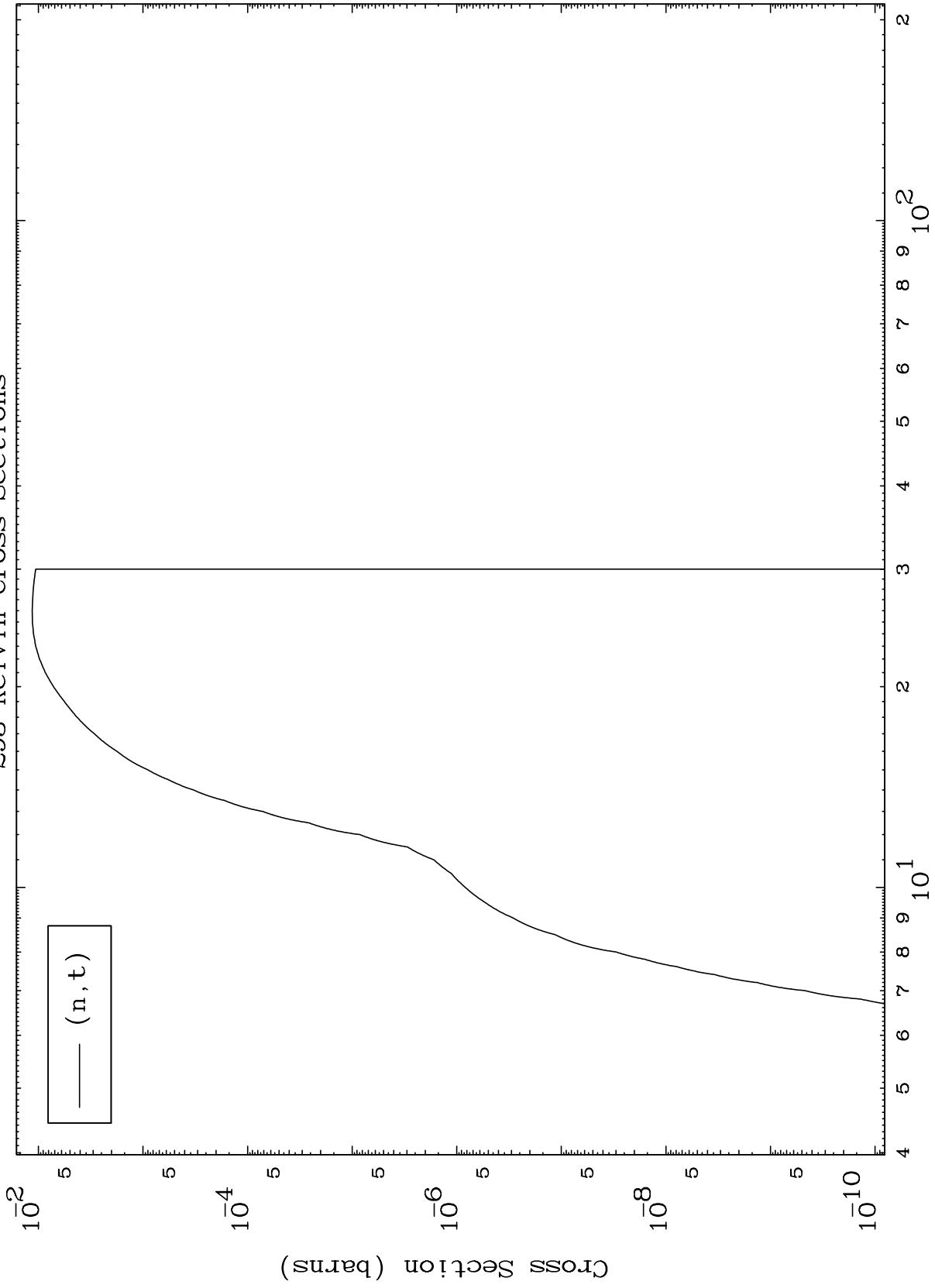
Incident Energy (MeV)

43-Tc-94

MAT 4311

(n,t) Levels  
293 Kelvin Cross Sections

43-Tc-94



11

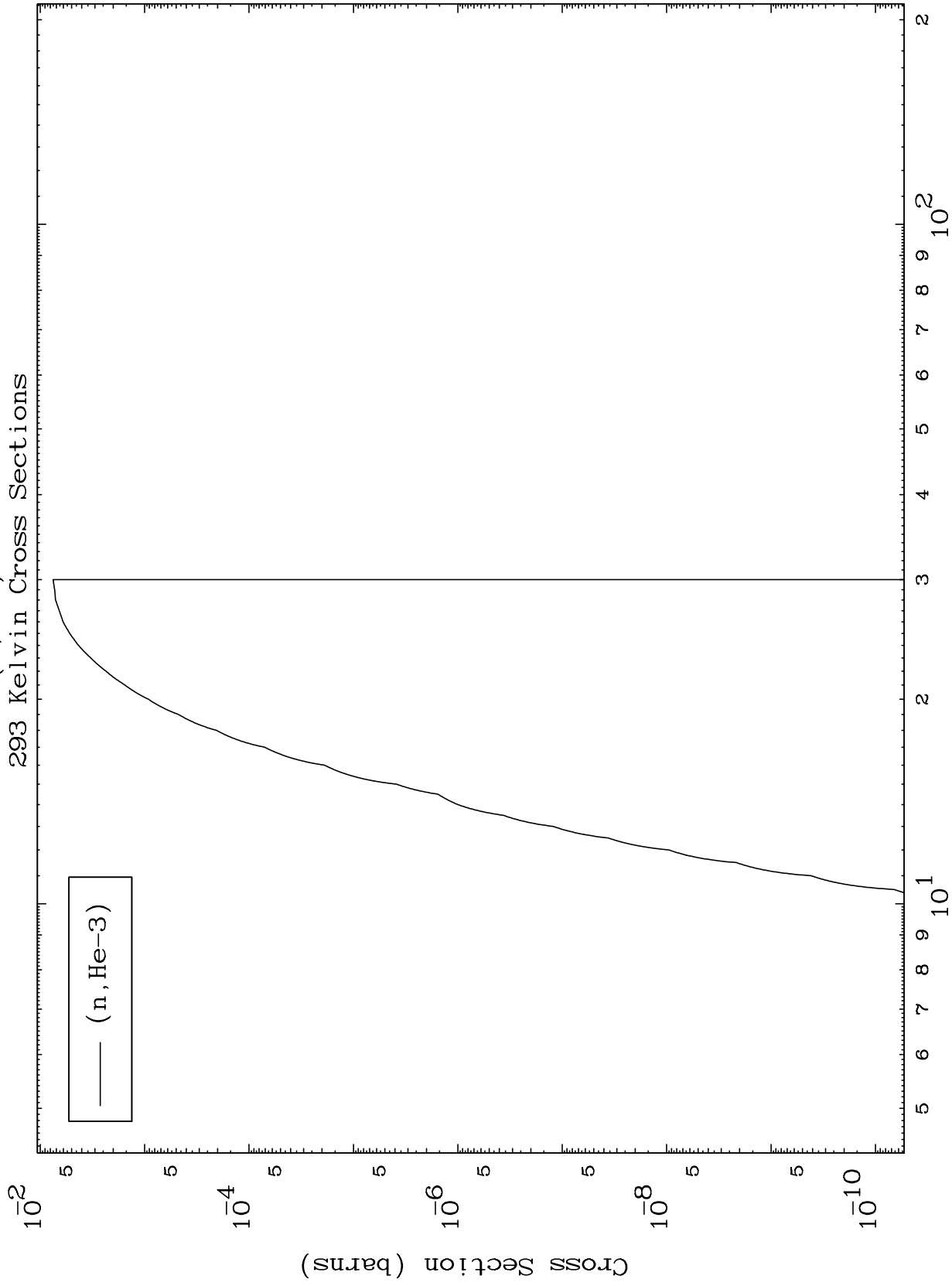
Incident Energy (MeV)

43-Tc-94

MAT 4311

(n,He3) Levels  
293 Kelvin Cross Sections

43-Tc-94



12

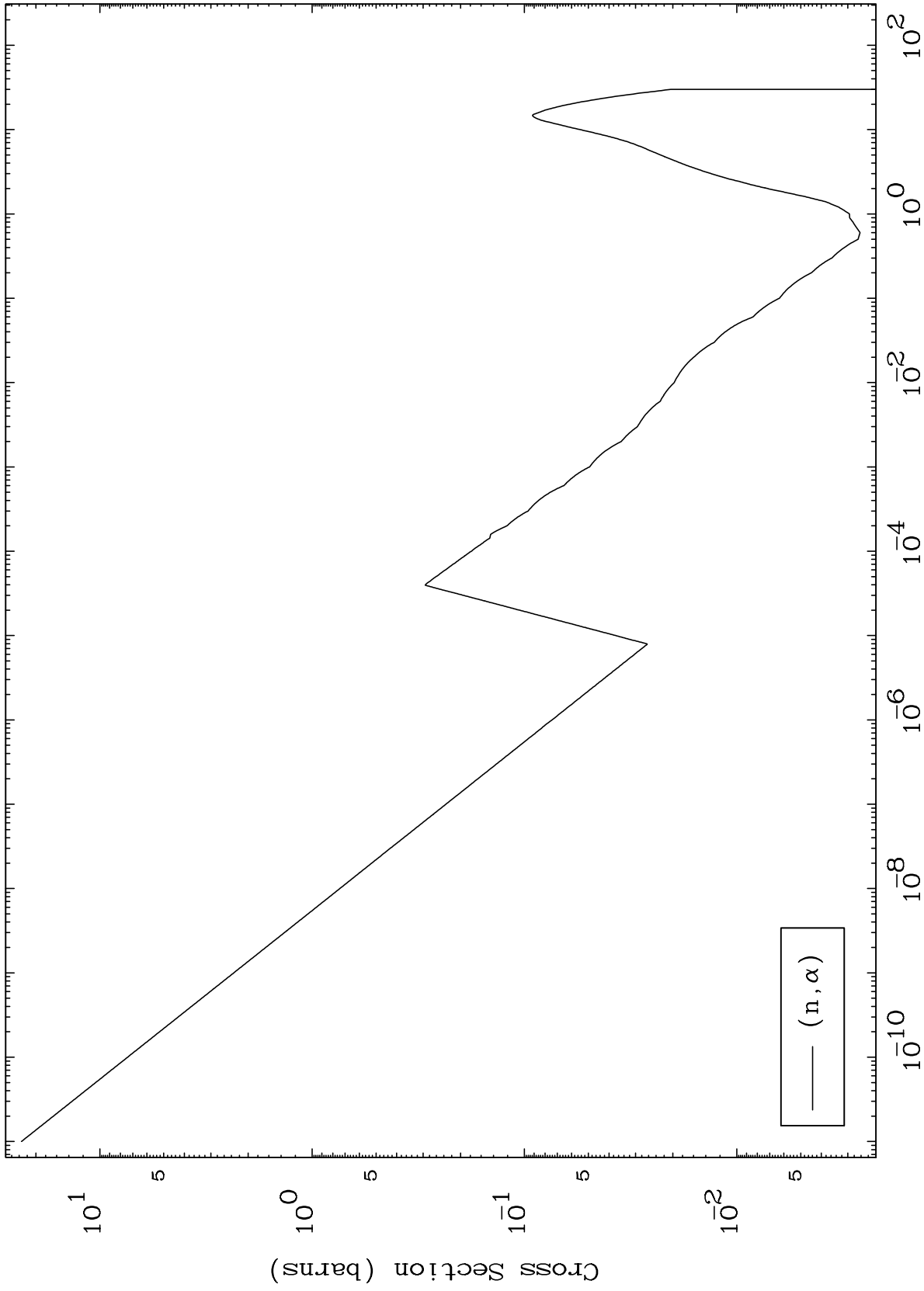
Incident Energy (MeV)

43-Tc-94

MAT 4311

(n,α) Levels  
293 Kelvin Cross Sections

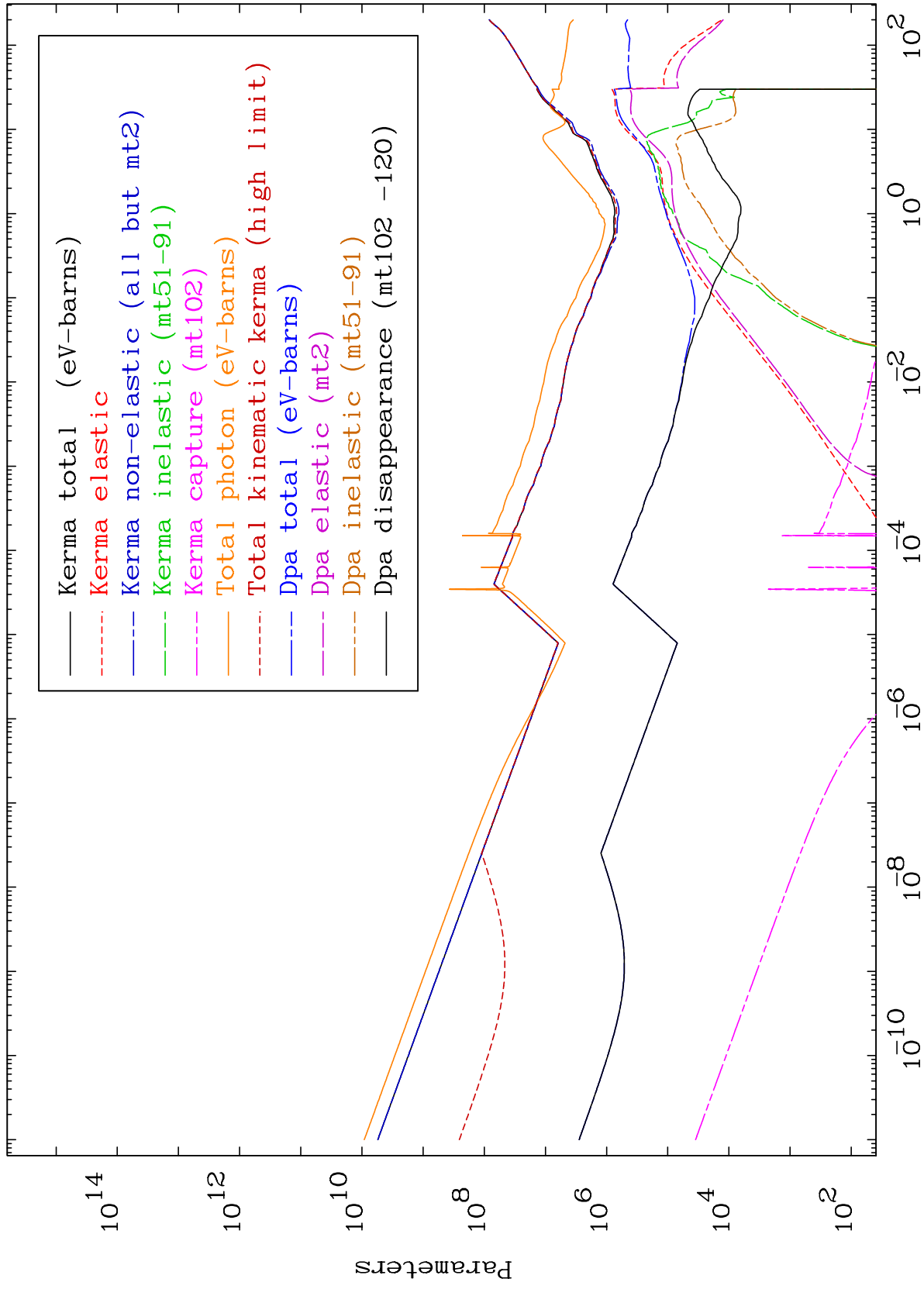
43-Tc-94

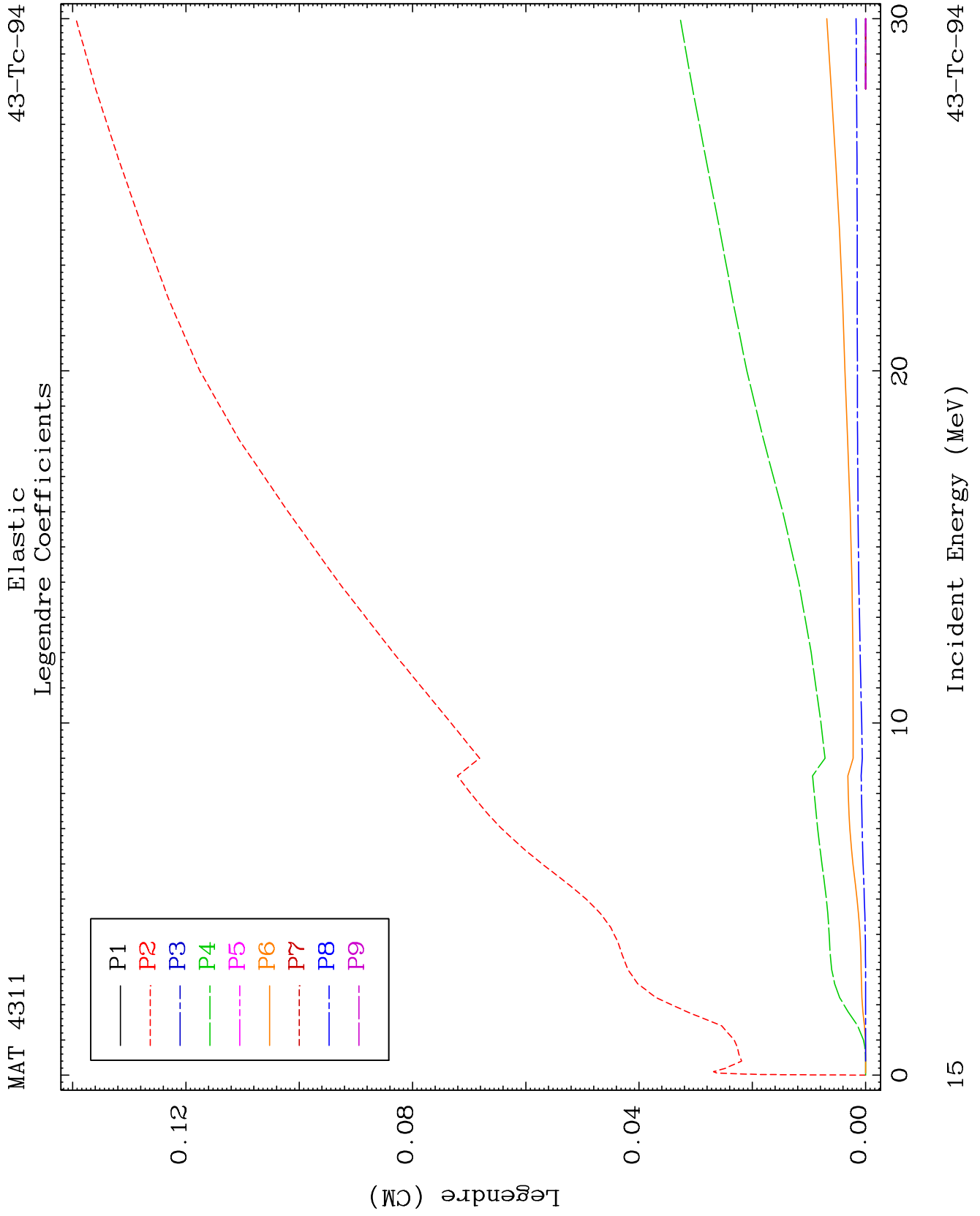


13

Incident Energy (MeV)

43-Tc-94



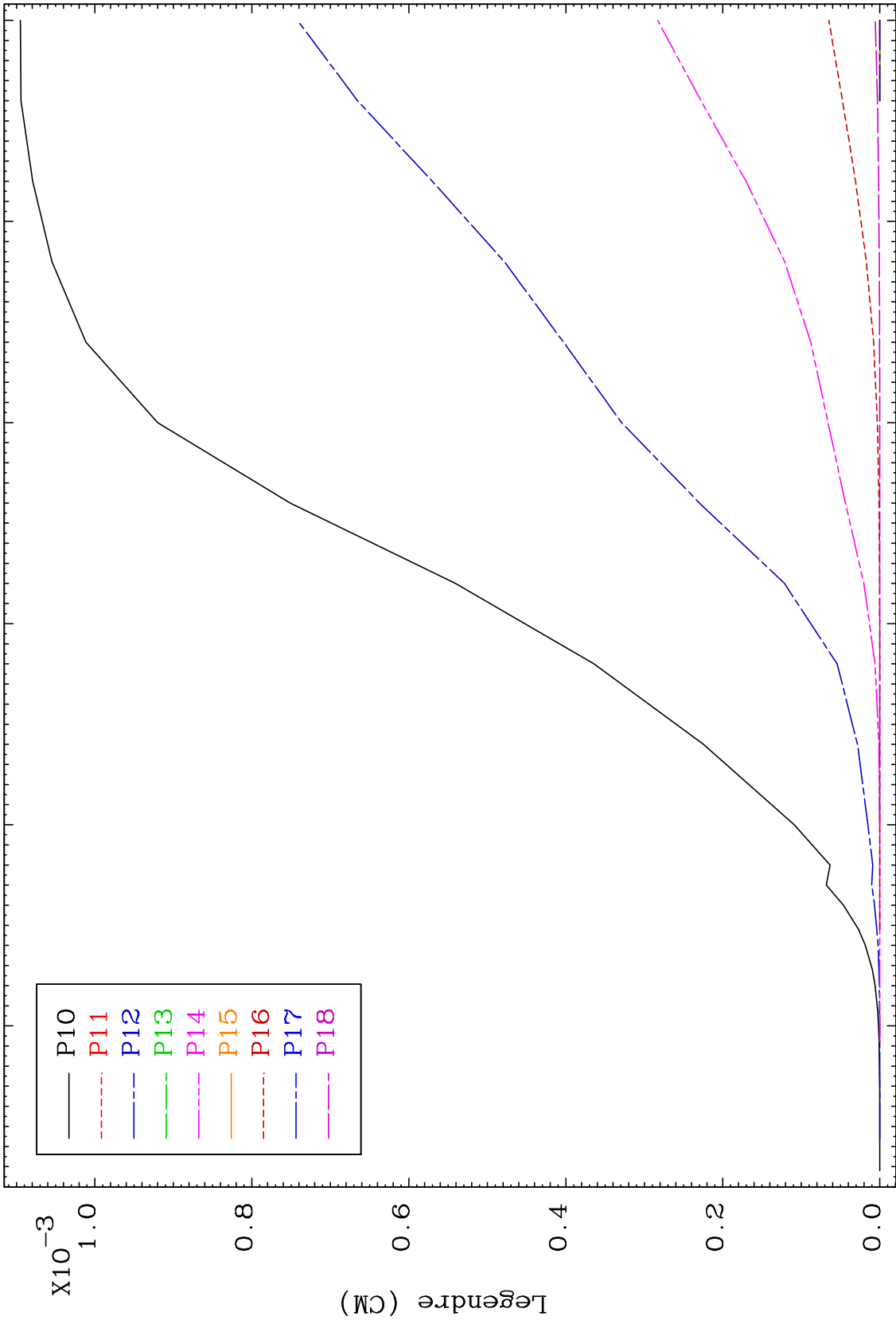




MAT 4311

Elastic Legendre Coefficients

43-Tc-94



16

Incident Energy (MeV)

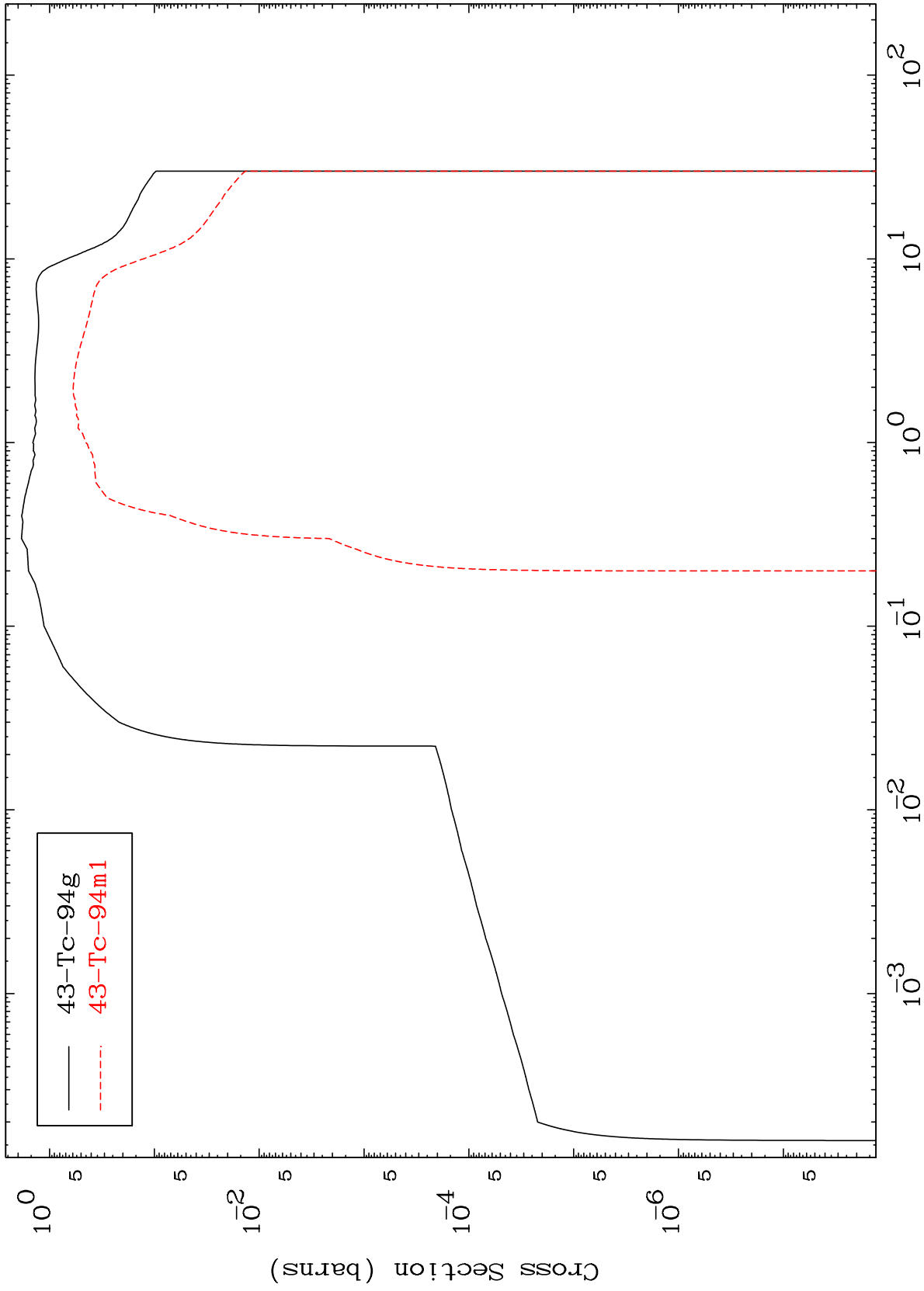
43-Tc-94



MAT 4311

43-Tc-94

Inelastic  
Radionuclide Production Cross Section



18

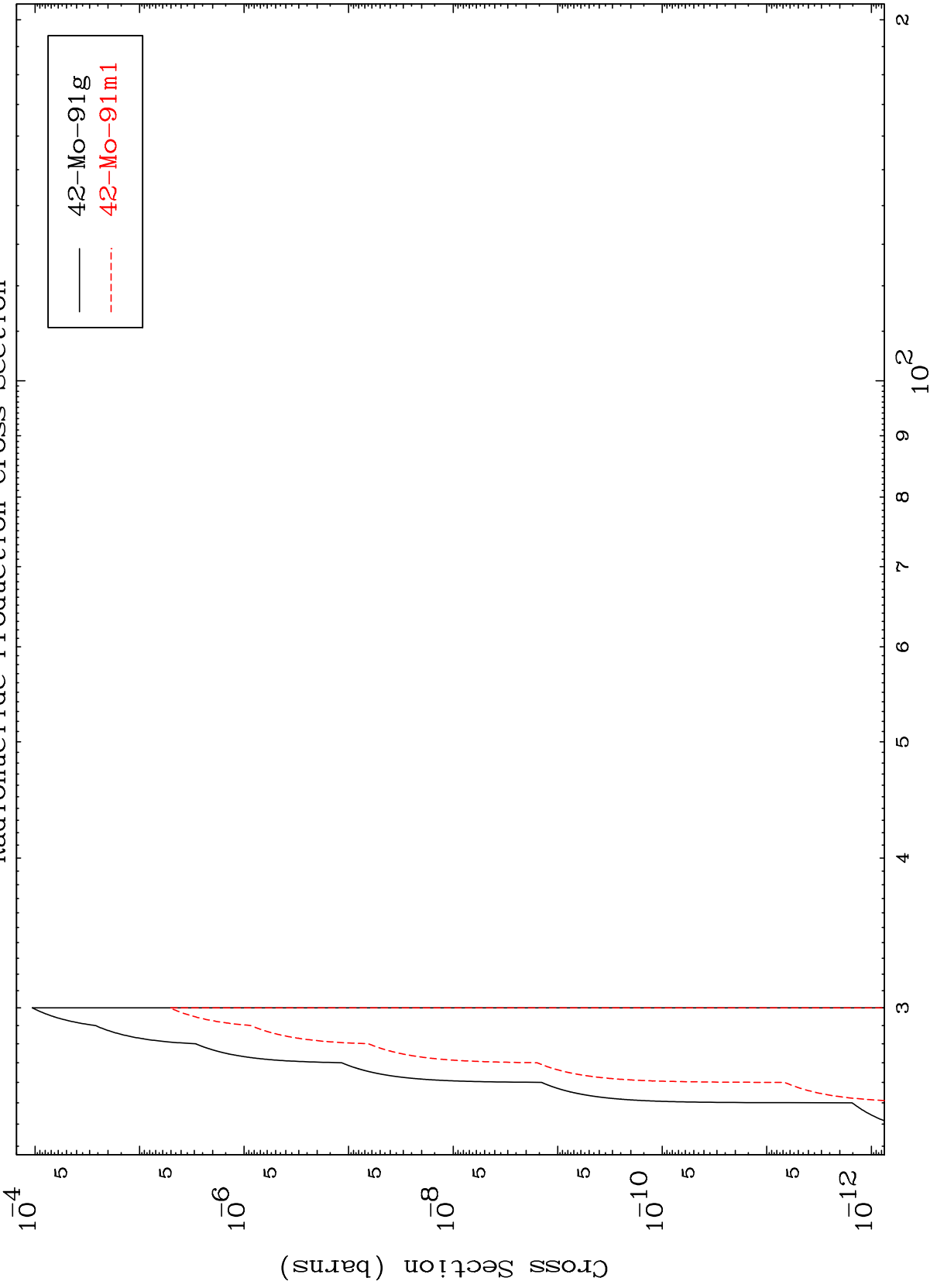
43-Tc-94

MAT 4311

(n,2n) d

43-Tc-94

Radionuclide Production Cross Section



19

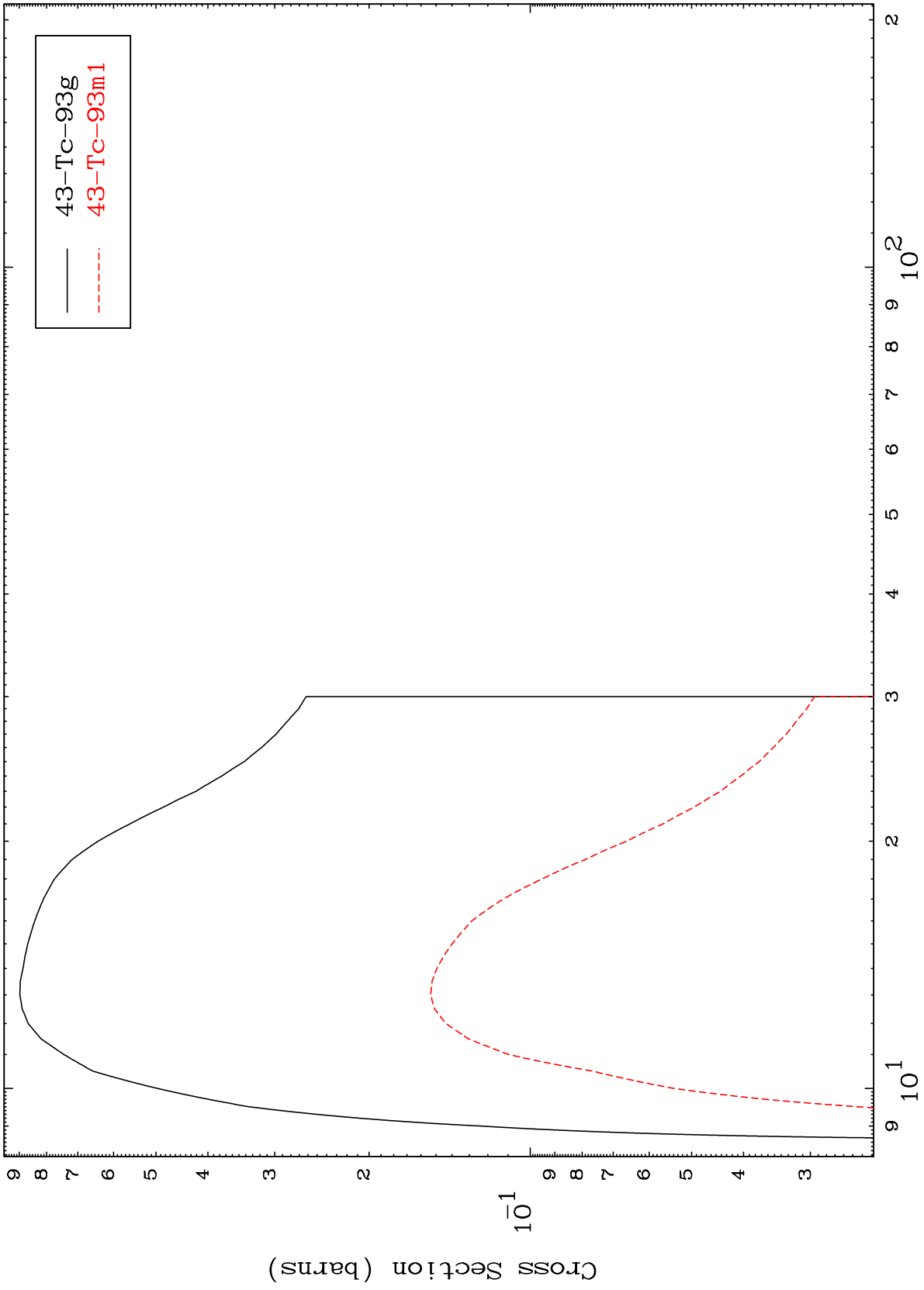
Incident Energy (MeV)

43-Tc-94

MAT 4311

43-Tc-94

(n,2n)  
Radionuclide Production Cross Section



20

Incident Energy (MeV)

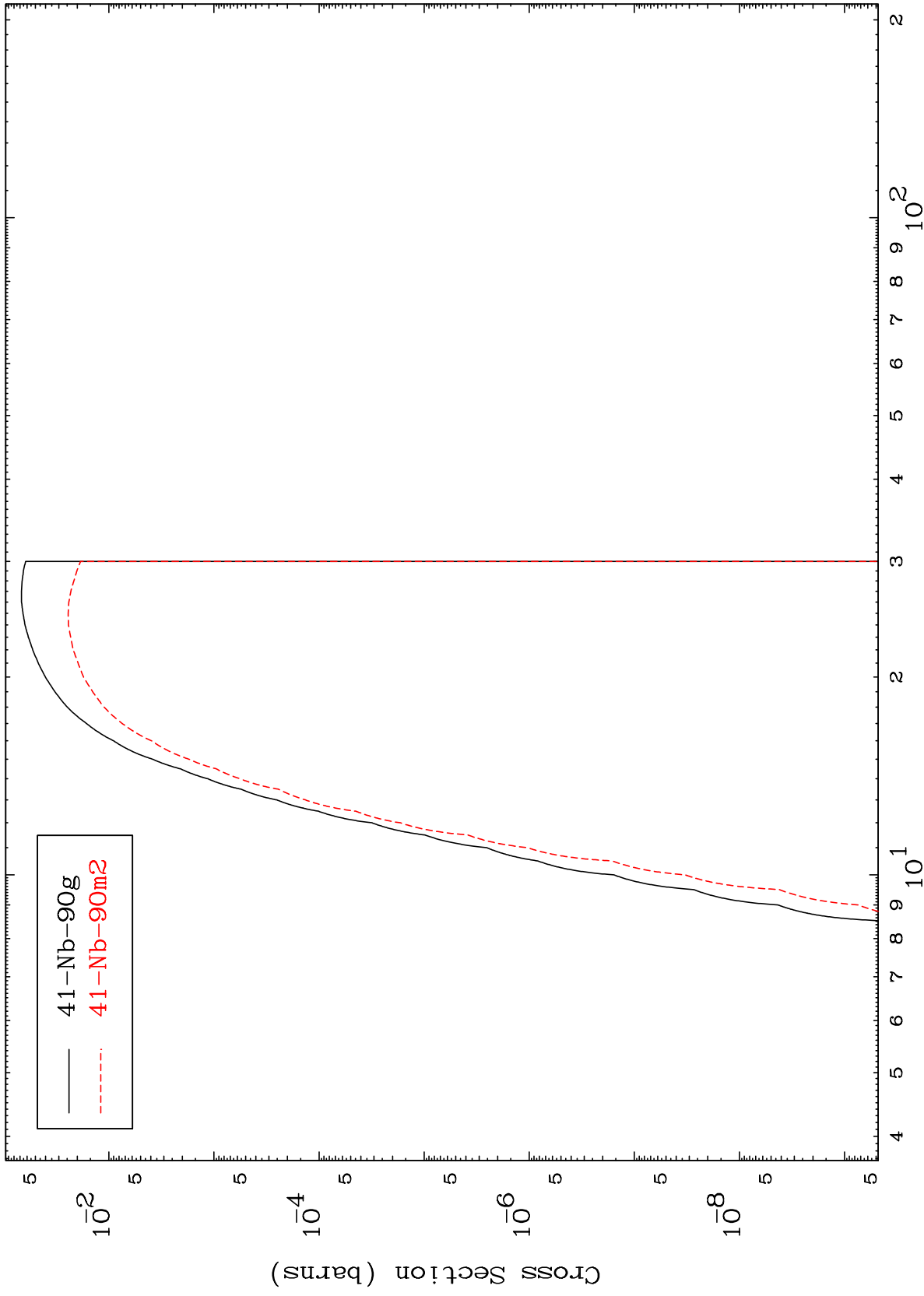
43-Tc-94

MAT 4311

(n,n')  $\alpha$

43-Tc-94

Radionuclide Production Cross Section



— 41-Nb-90g  
- - - 41-Nb-90m2

21

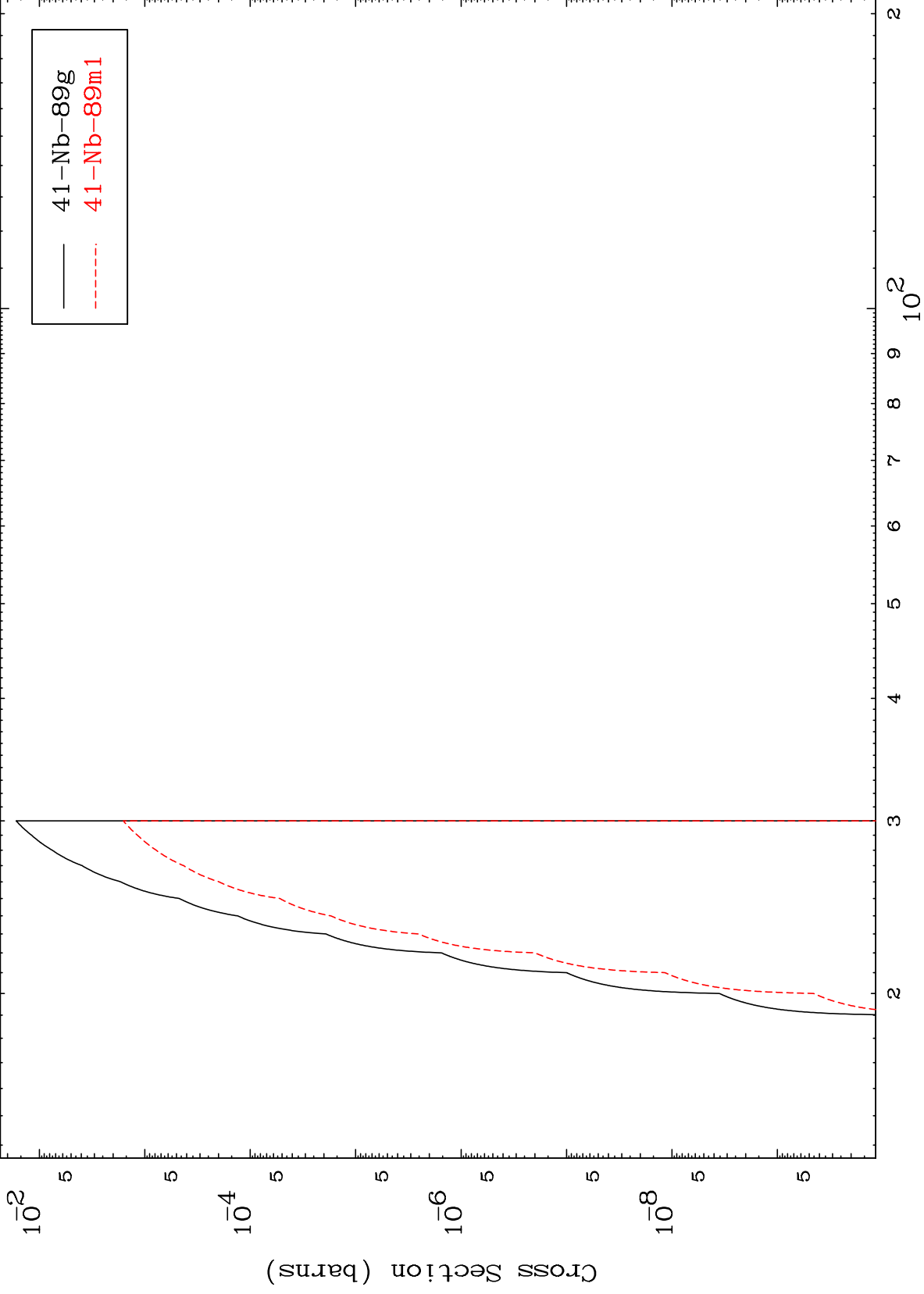
43-Tc-94

MAT 4311

(n,2n)  $\alpha$

43-Tc-94

Radionuclide Production Cross Section



22

Incident Energy (MeV)

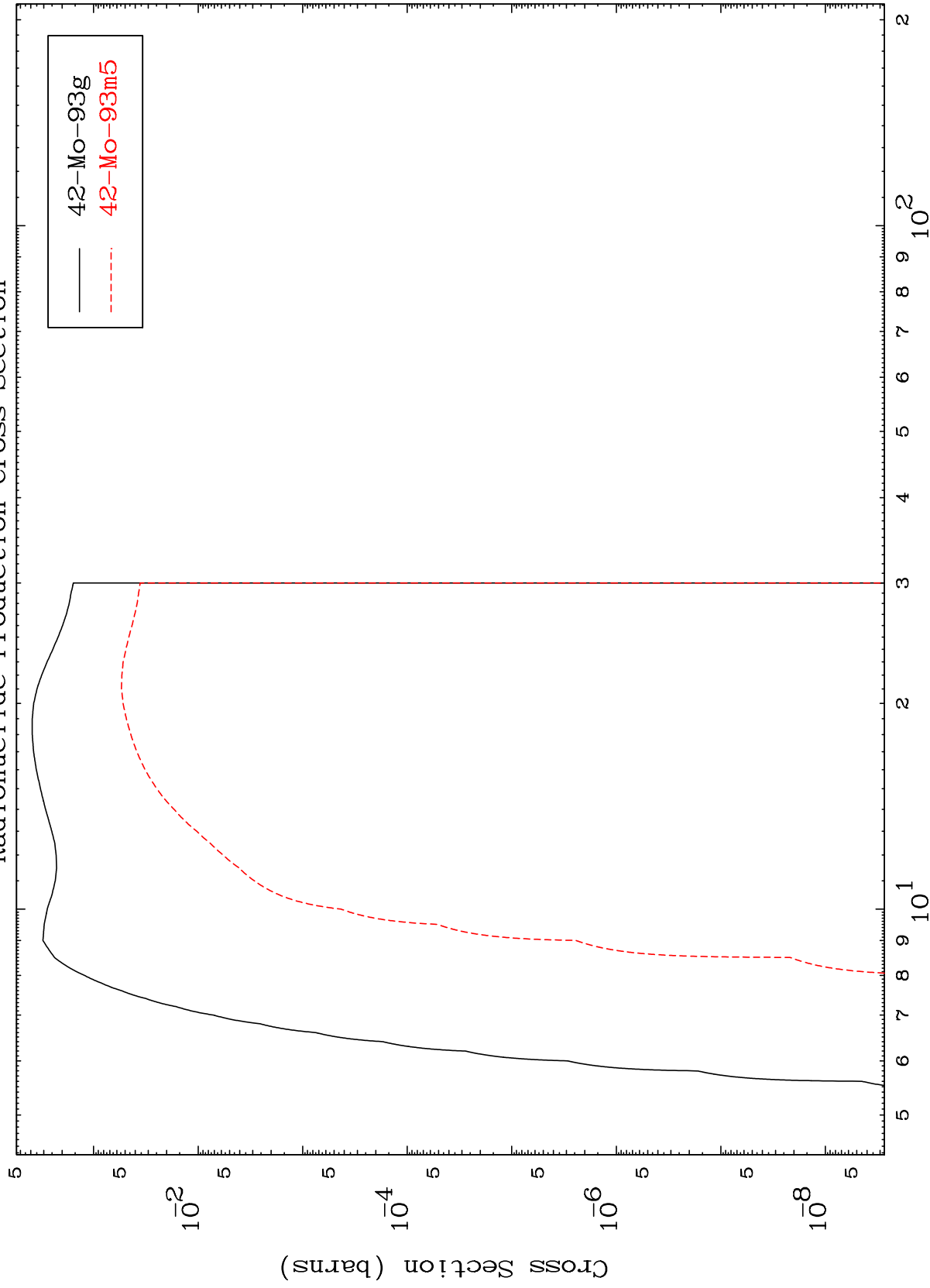
43-Tc-94

MAT 4311

(n,n') p

43-Tc-94

Radionuclide Production Cross Section



23

Incident Energy (MeV)

43-Tc-94

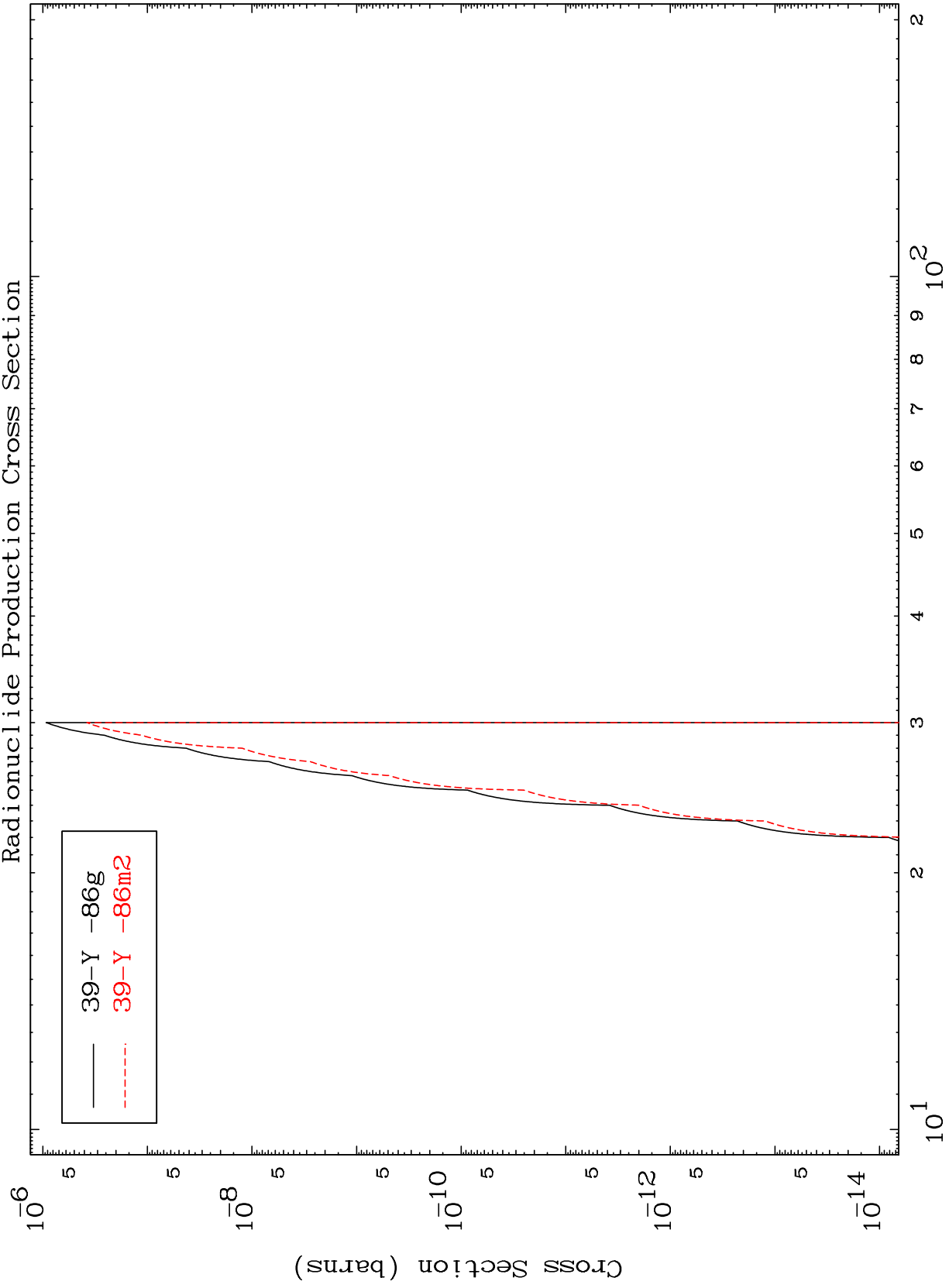


MAT 4311

(n,n') 2 $\alpha$

43-Tc-94

Radionuclide Production Cross Section



24

Incident Energy (MeV)

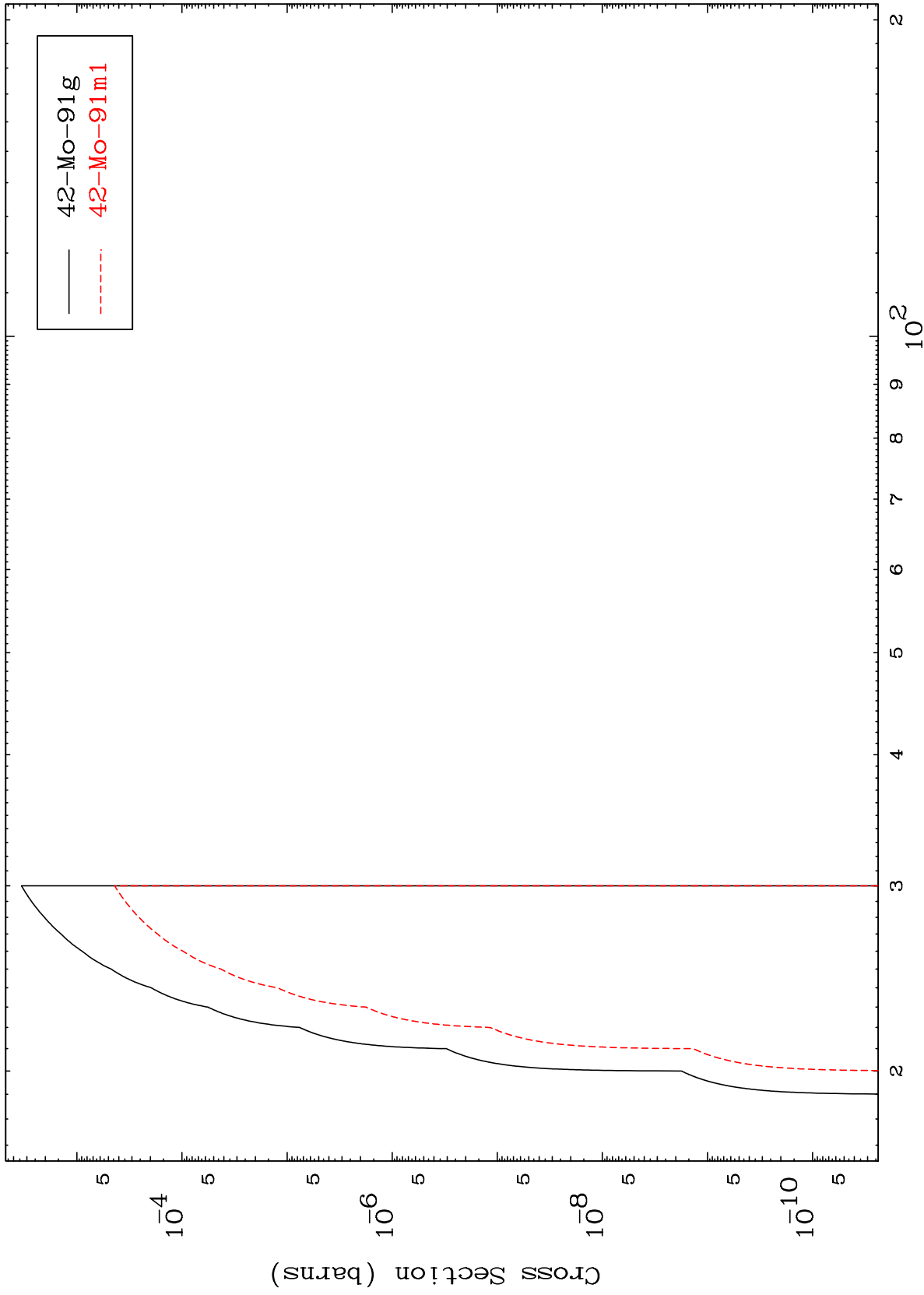
43-Tc-94

MAT 4311

(n,n') t

43-Tc-94

Radionuclide Production Cross Section



25

Incident Energy (MeV)

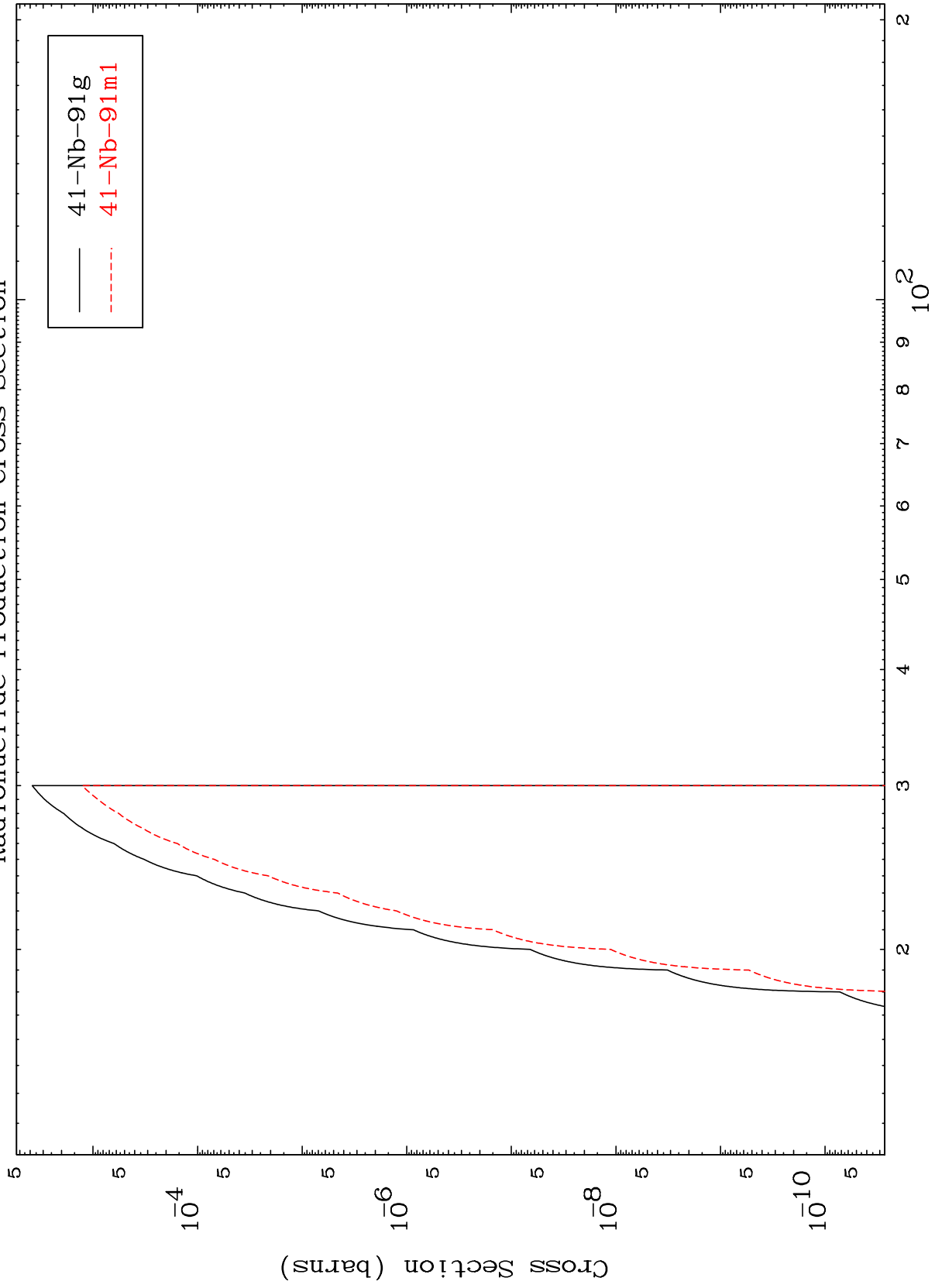
43-Tc-94

MAT 4311

(n, n') He-3

43-Tc-94

Radionuclide Production Cross Section



26

Incident Energy (MeV)

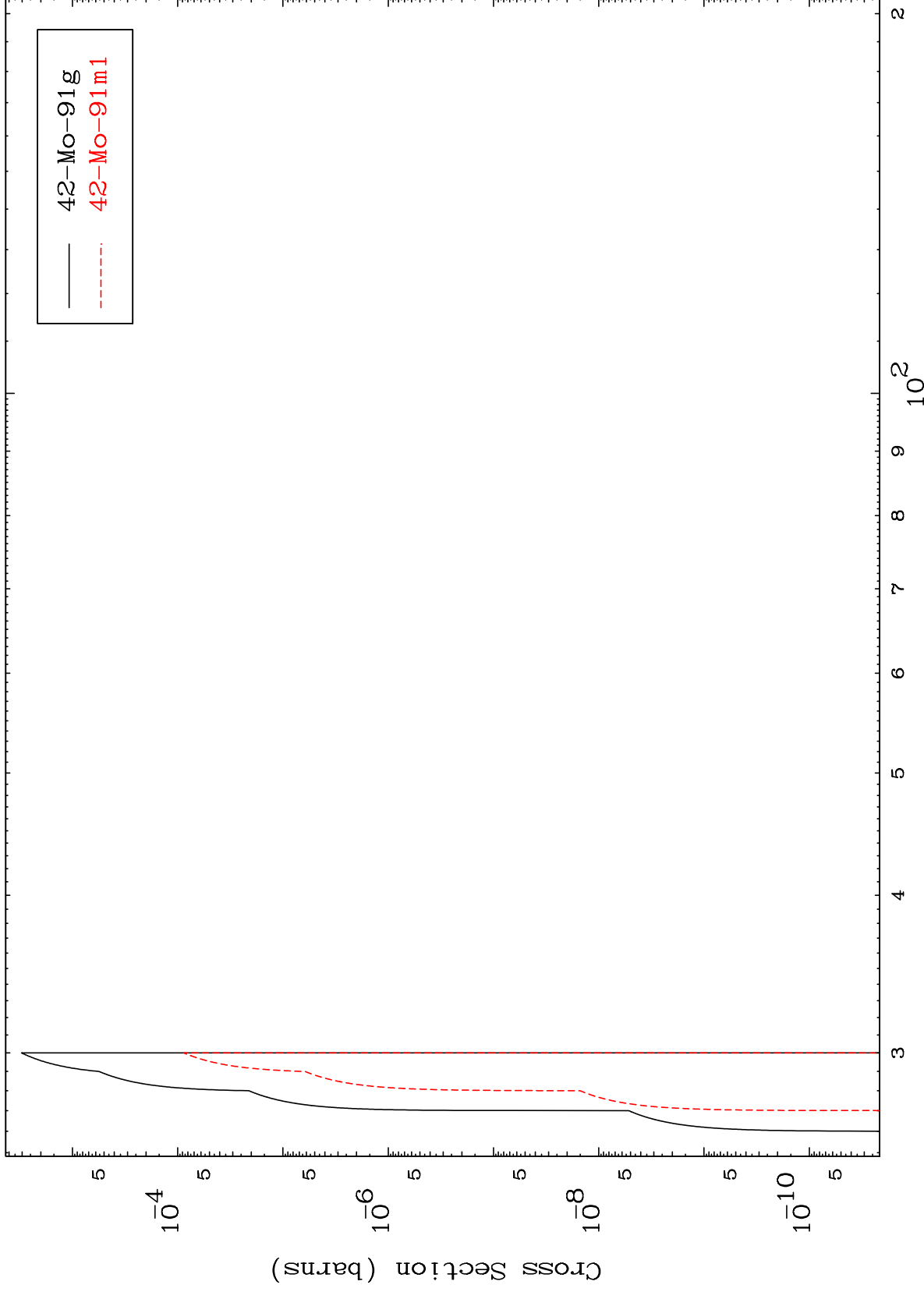
43-Tc-94

MAT 4311

(n,3n) p

43-Tc-94

Radionuclide Production Cross Section



27

Incident Energy (MeV)

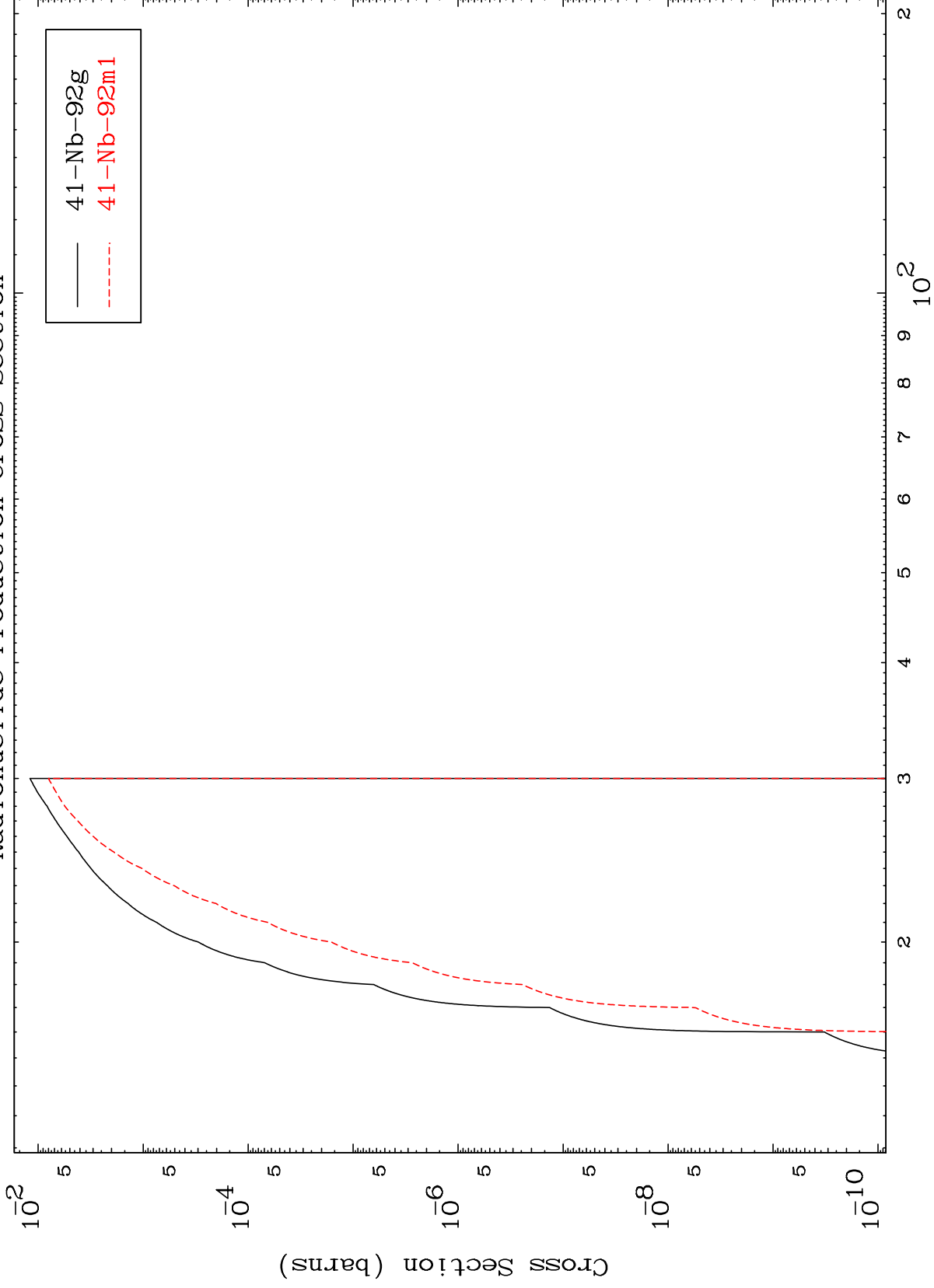
43-Tc-94

MAT 4311

(n,2n) p

43-Tc-94

Radionuclide Production Cross Section



28

Incident Energy (MeV)

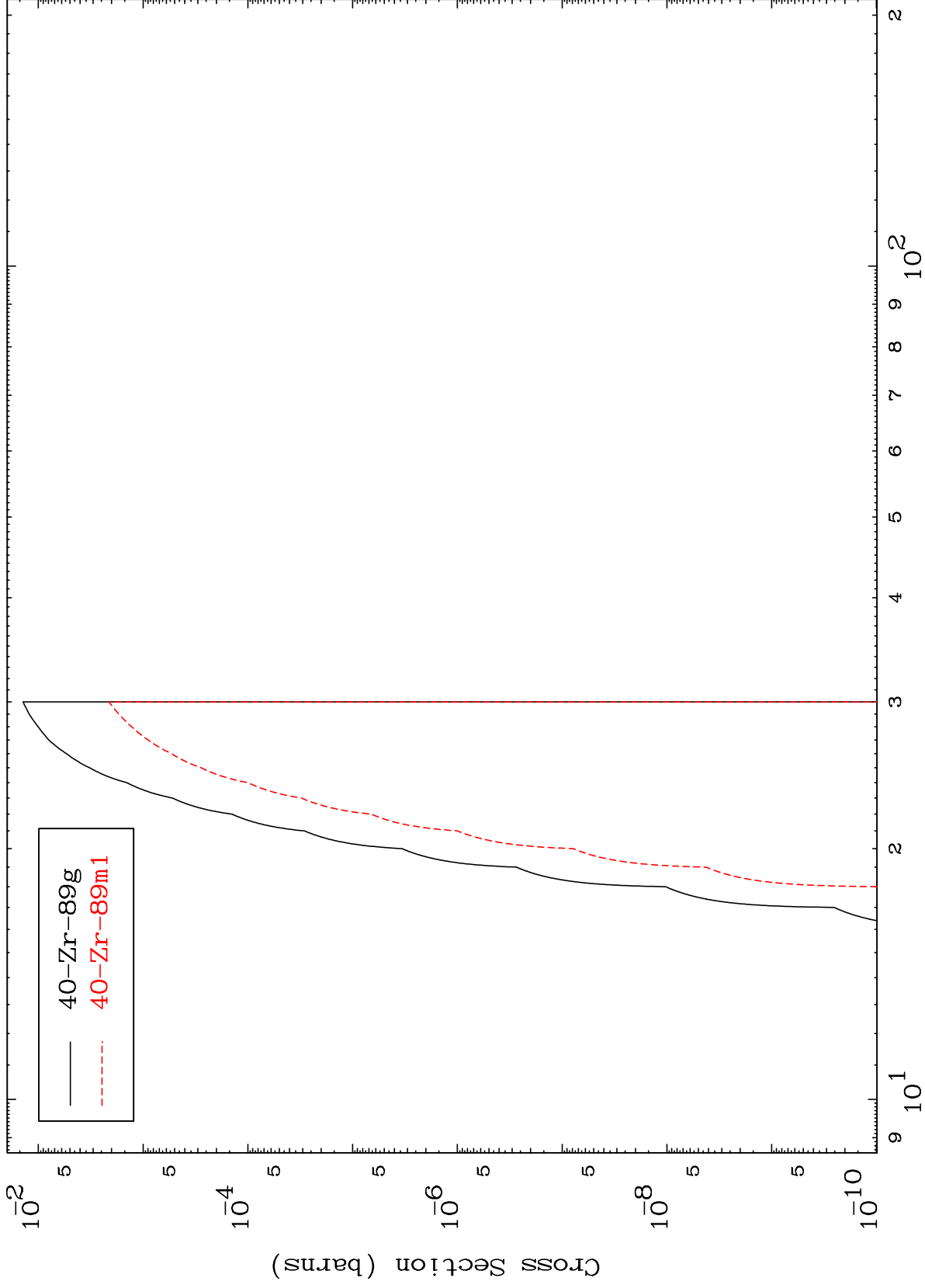
43-Tc-94

MAT 4311

(n,n') p  $\alpha$

43-Tc-94

Radionuclide Production Cross Section



29

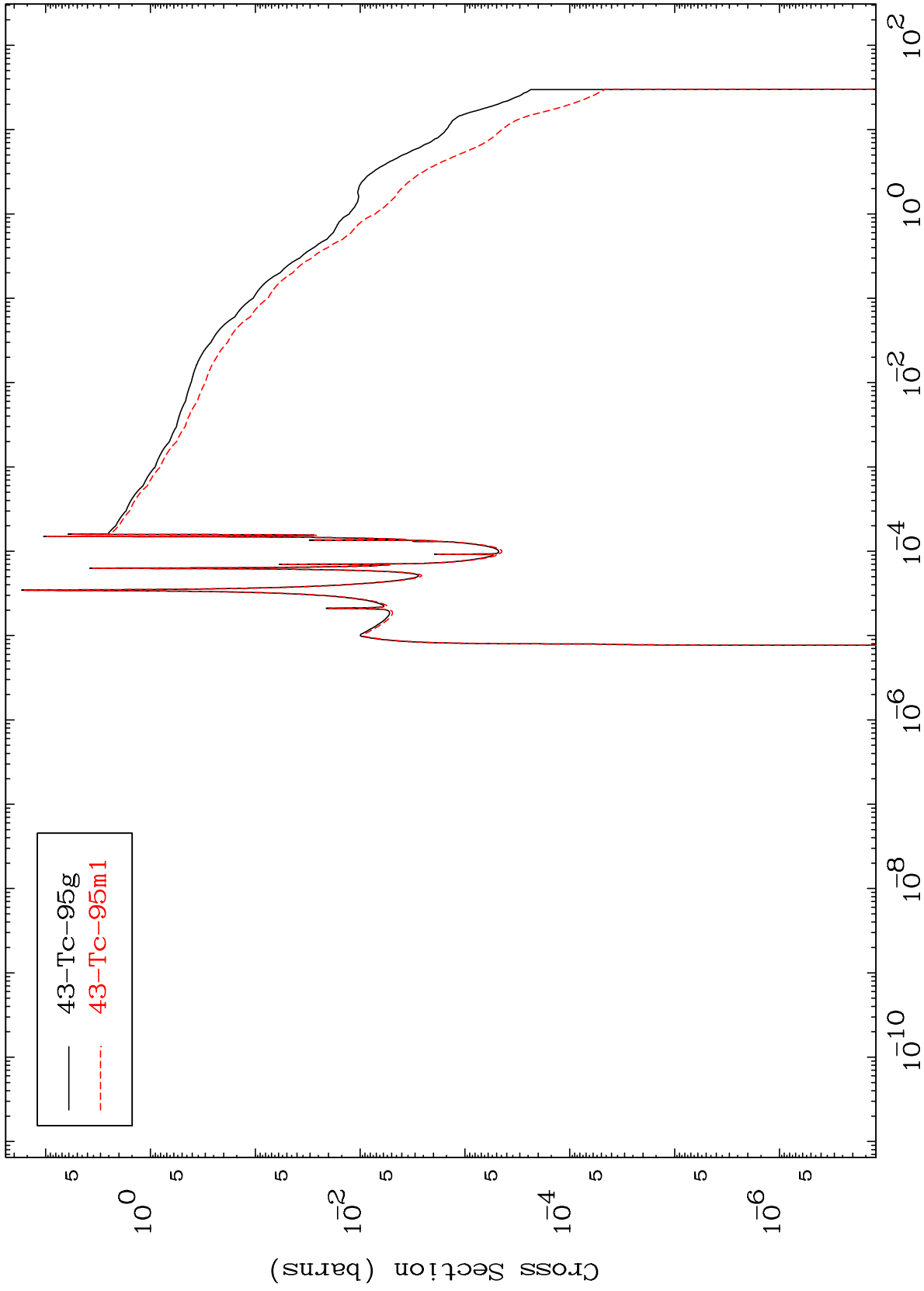
Incident Energy (MeV)

43-Tc-94

MAT 4311

<sup>43</sup>Tc-94

Radionuclide Production Cross Section



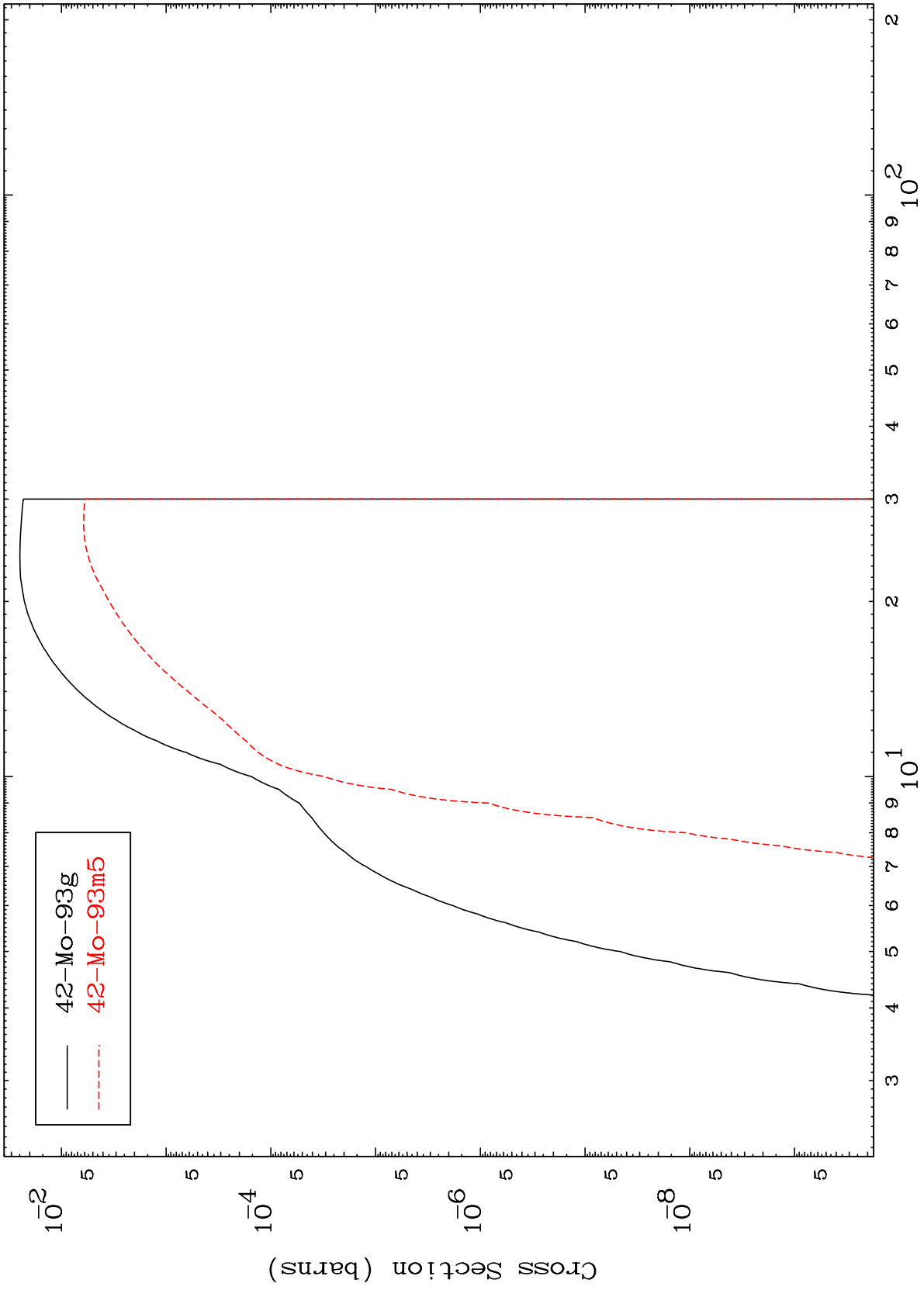
30

<sup>43</sup>Tc-94

MAT 4311

Radionuclide Production Cross Section  
(n,d)

43-Tc-94



31

Incident Energy (MeV)

43-Tc-94

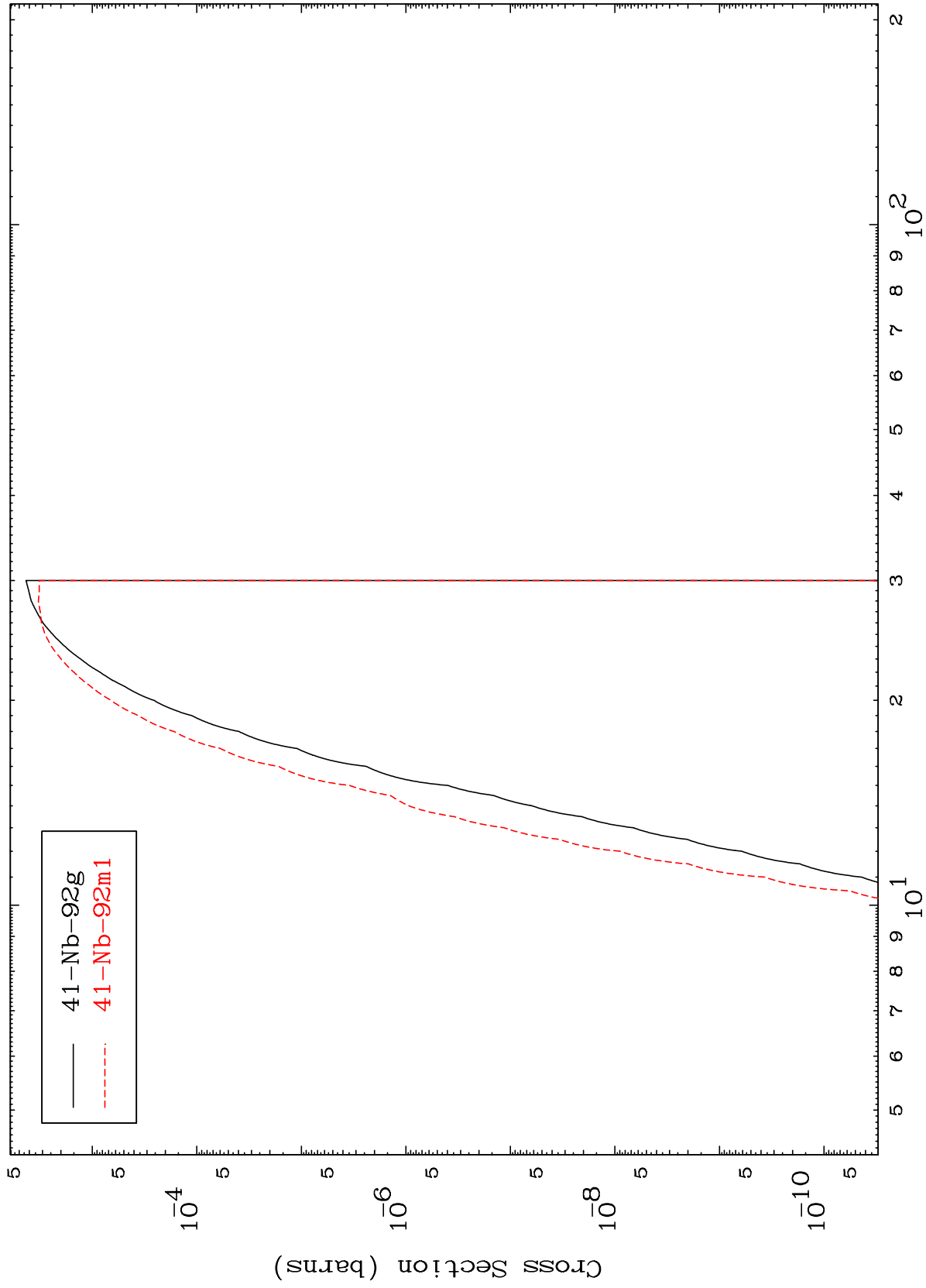


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(n, He-3)

43-Tc-94

Radionuclide Production Cross Section



32

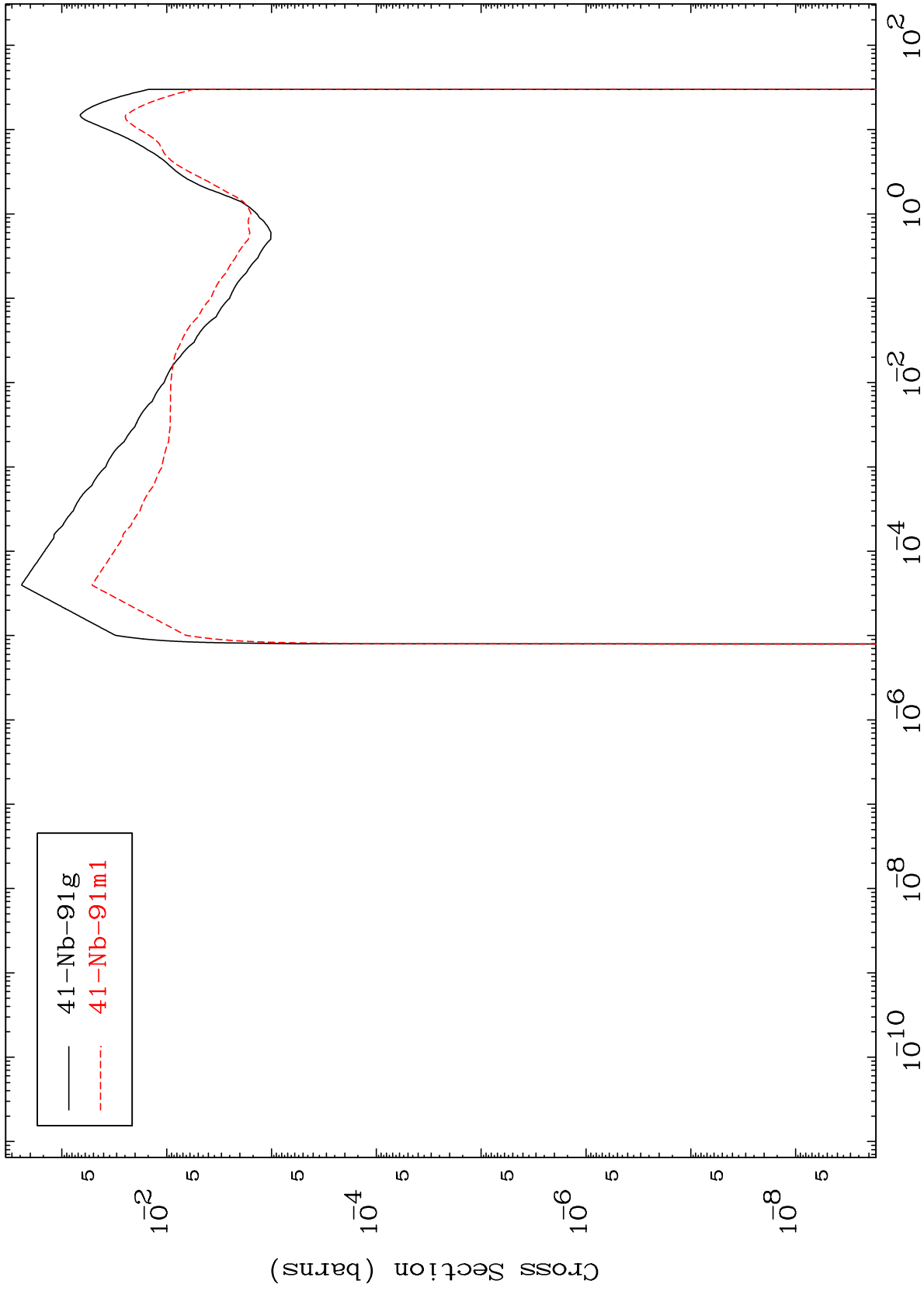
Incident Energy (MeV)

43-Tc-94

MAT 4311

43-Tc-94

(n,  $\alpha$ )  
Radionuclide Production Cross Section



33

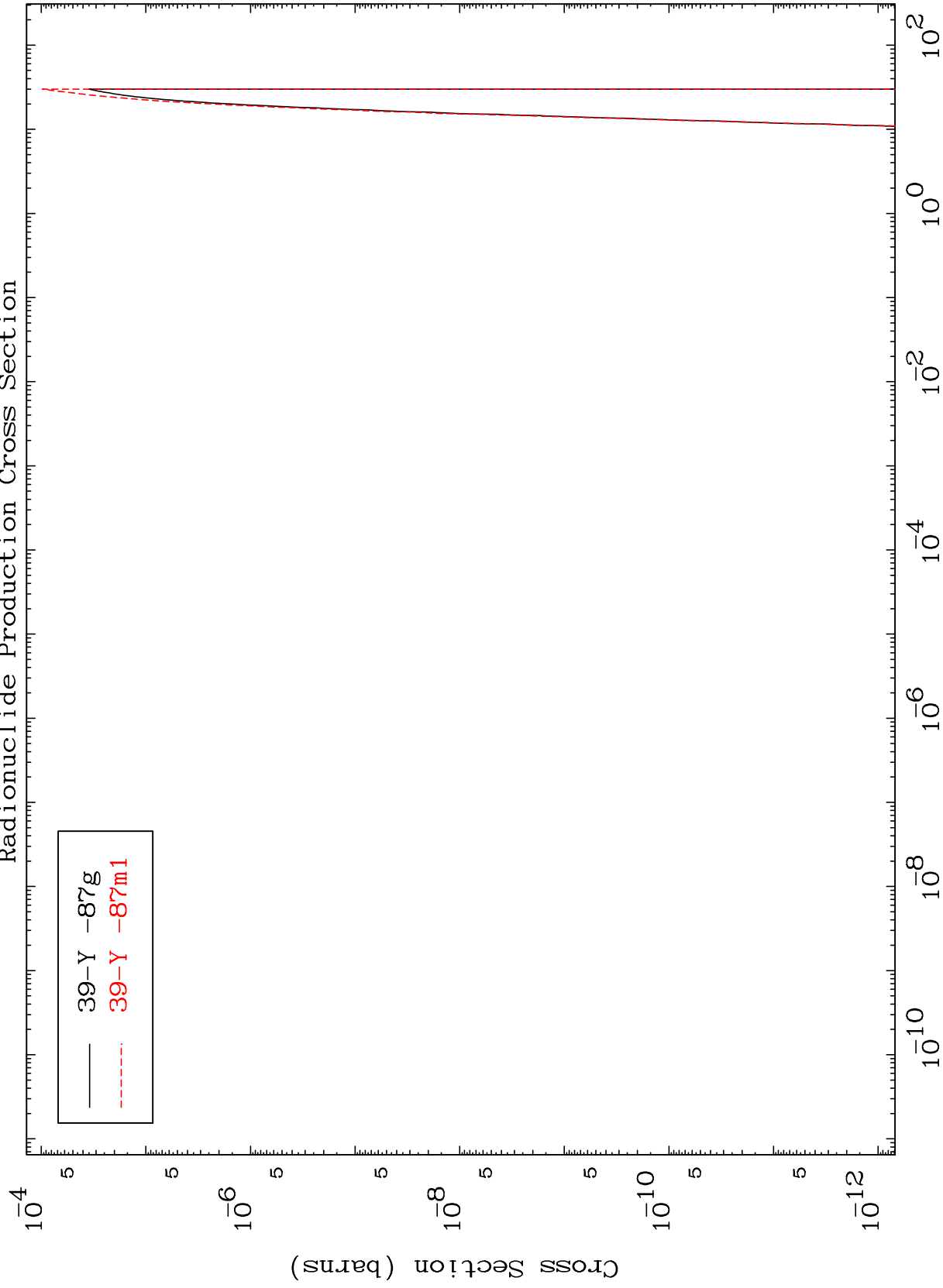
43-Tc-94

MAT 4311

(n,2α)

43-Tc-94

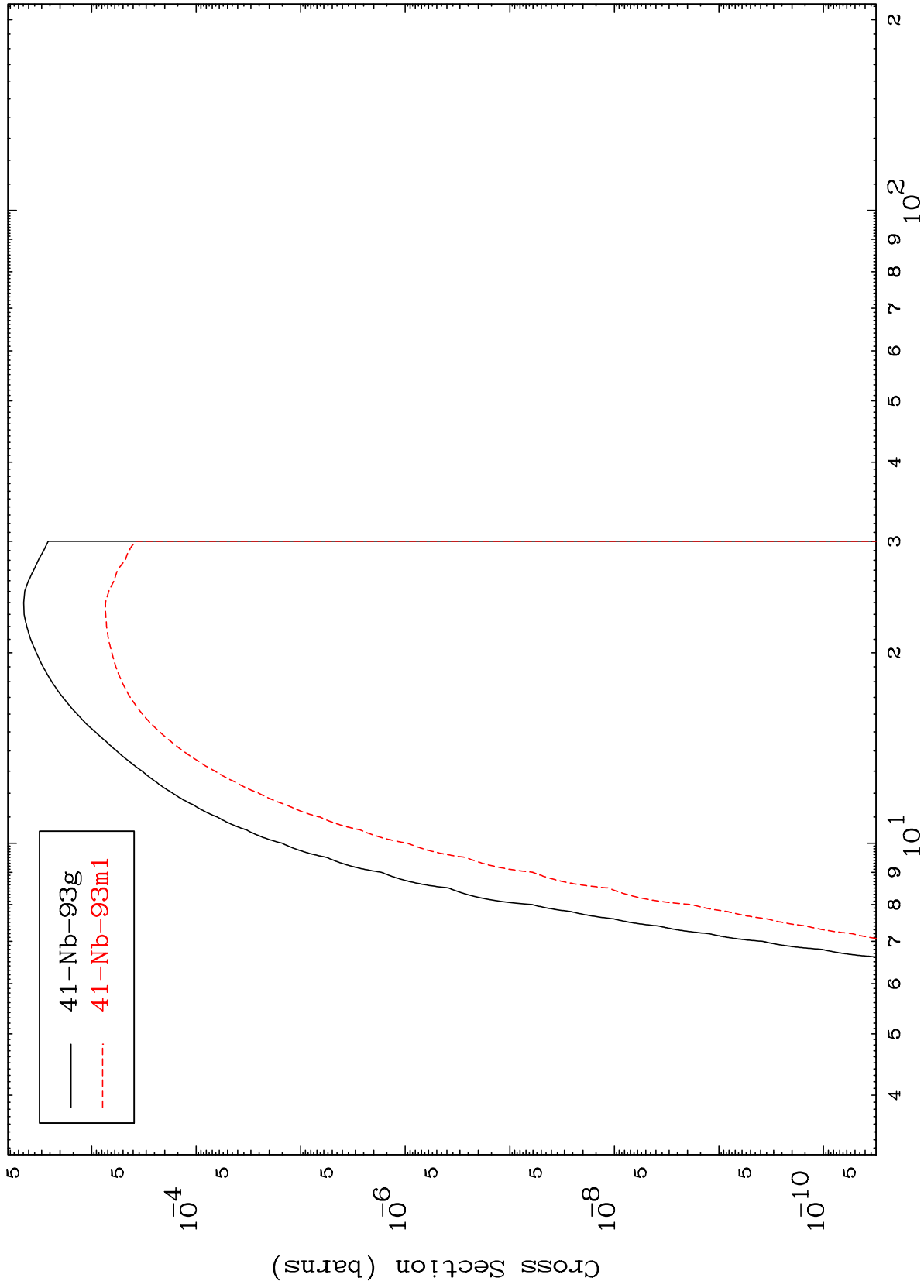
Radionuclide Production Cross Section



MAT 4311

43-Tc-94

Radionuclide Production Cross Section  
(n,2p)



35

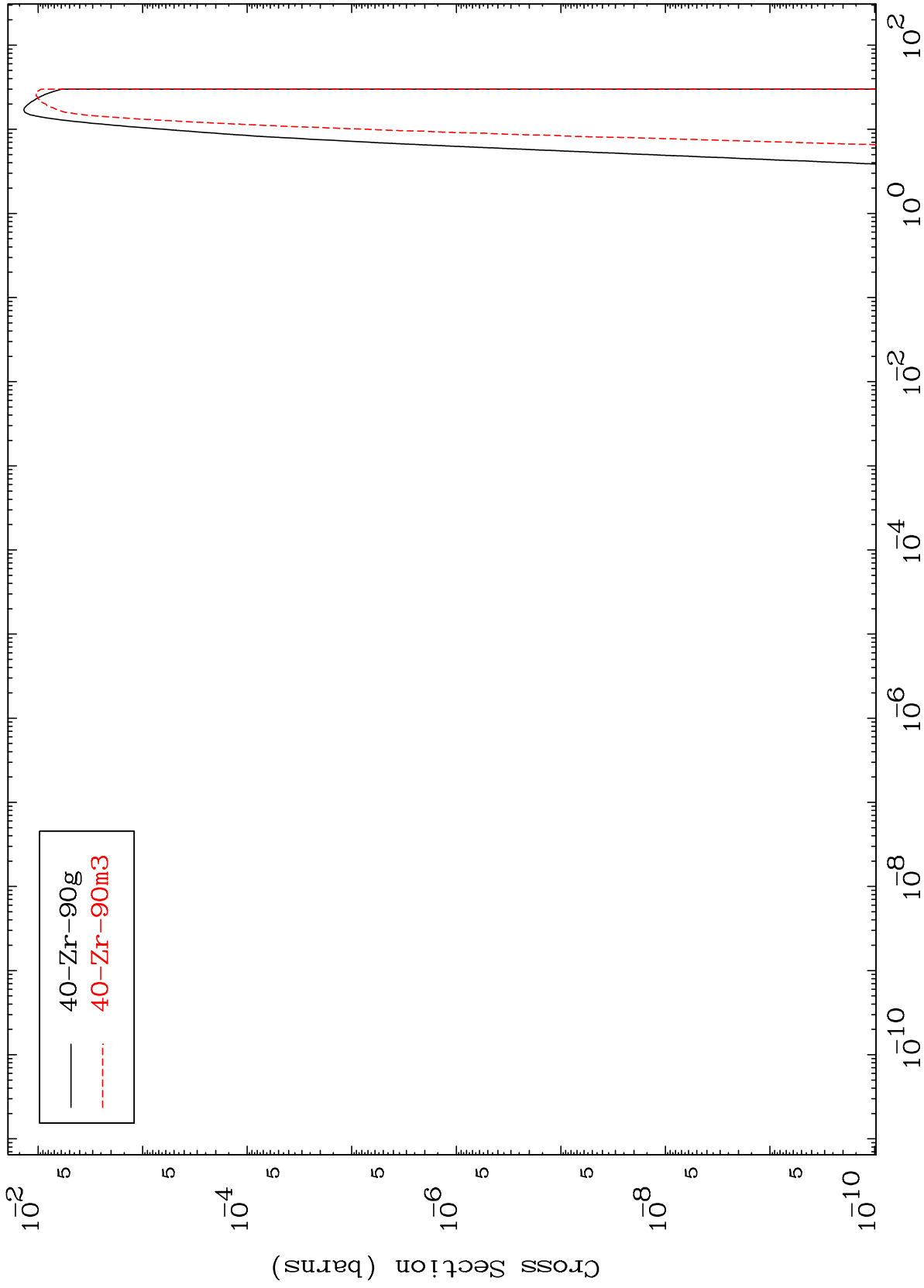
43-Tc-94

MAT 4311

(n,p)  $\alpha$

43-Tc-94

Radionuclide Production Cross Section



36

Incident Energy (MeV)

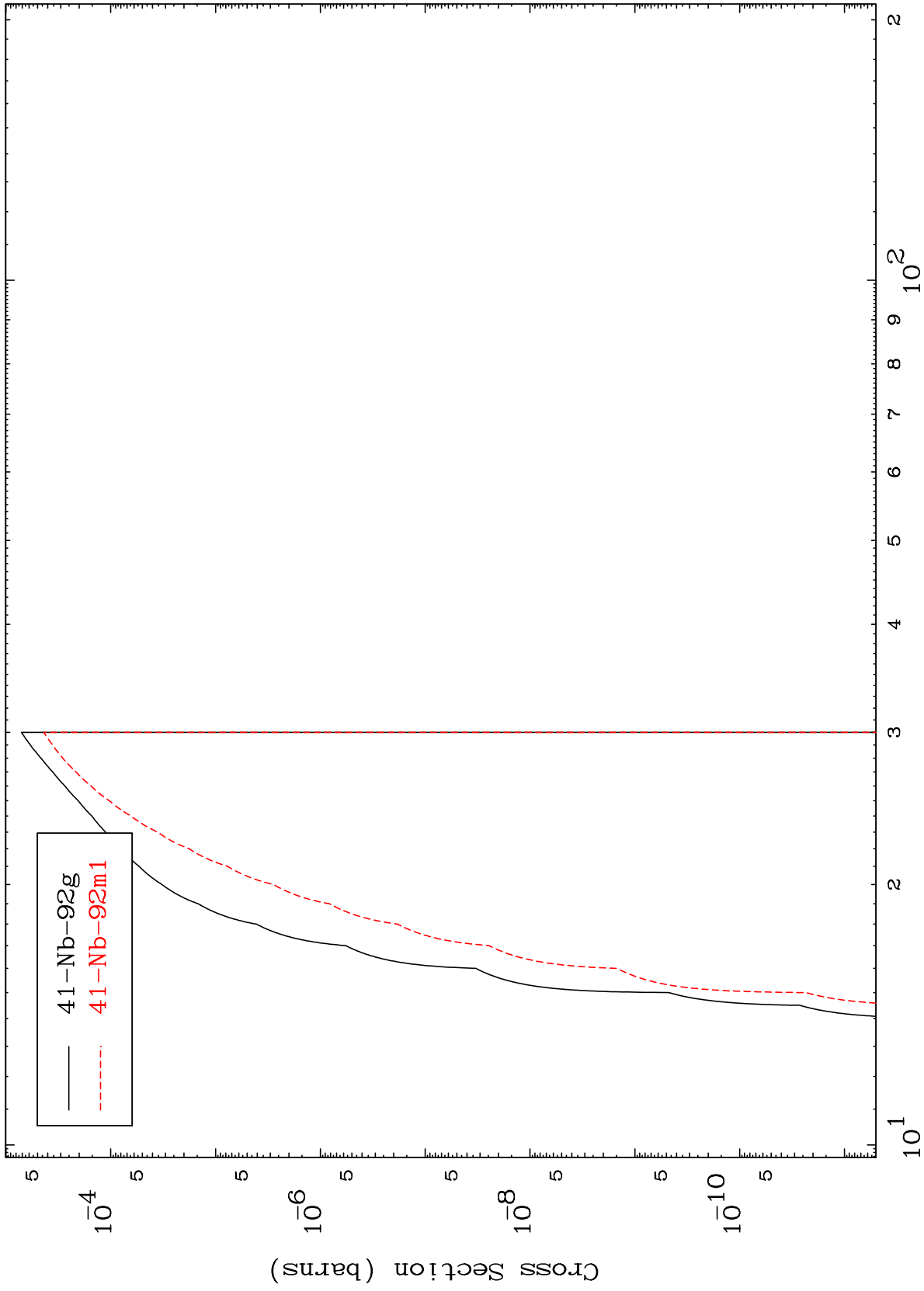
43-Tc-94

MAT 4311

(n,p) d

43-Tc-94

Radionuclide Production Cross Section



37

Incident Energy (MeV)

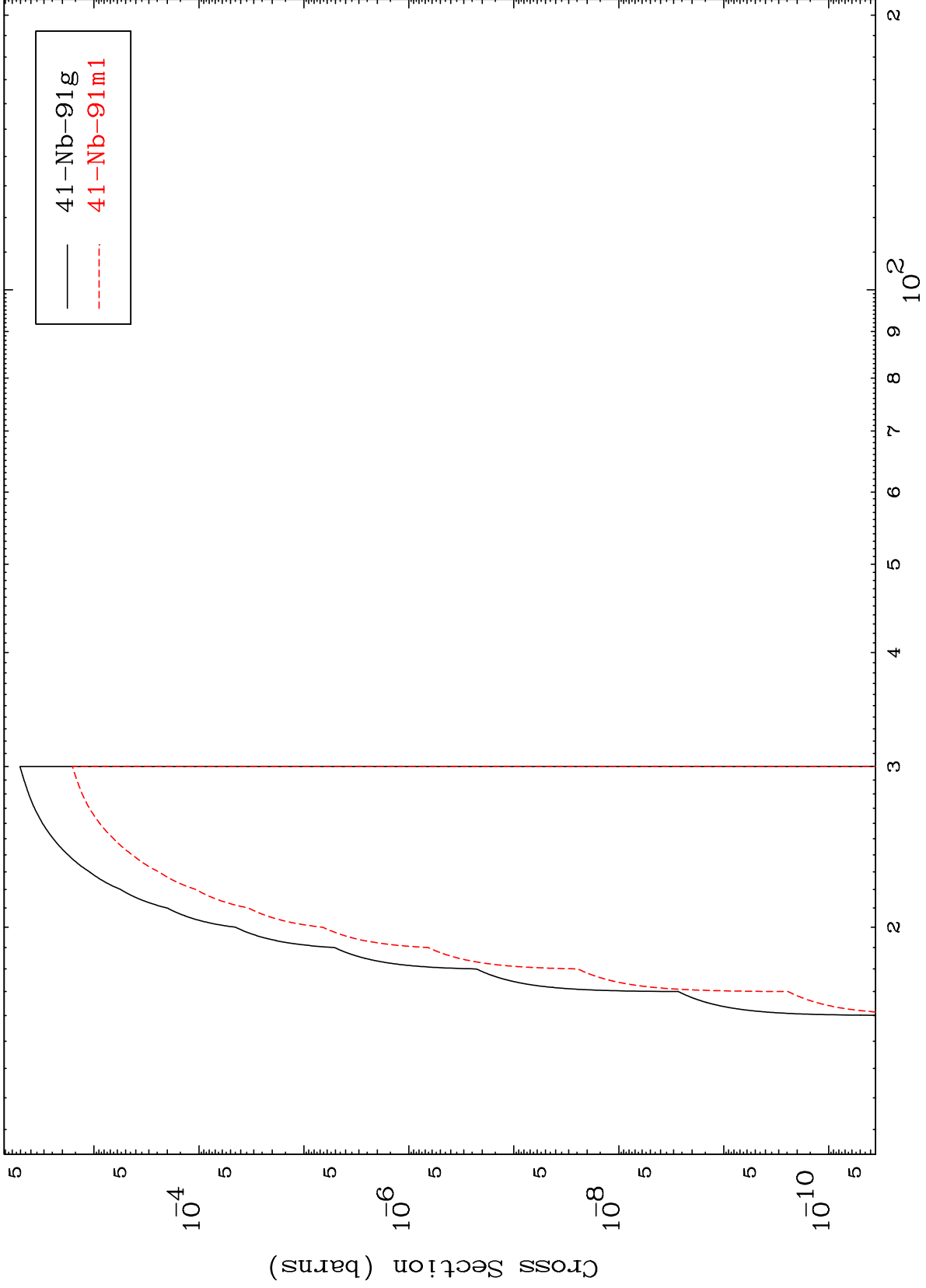
43-Tc-94

MAT 4311

(n,p) t

43-Tc-94

Radionuclide Production Cross Section



38

Incident Energy (MeV)

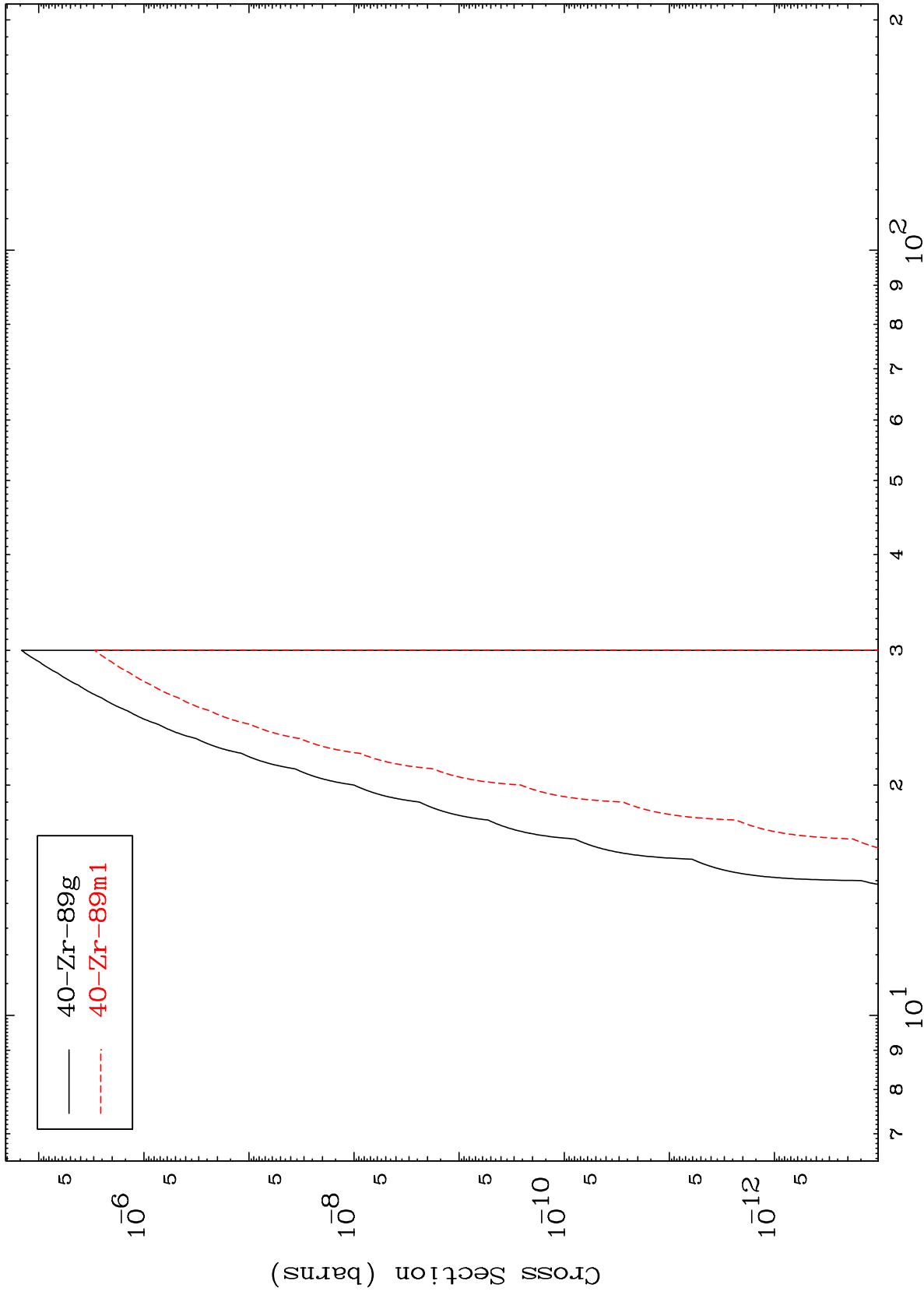
43-Tc-94

MAT 4311

(n,d)  $\alpha$

43-Tc-94

Radionuclide Production Cross Section



39

Incident Energy (MeV)

43-Tc-94