

Program EVALPLOT
(Version 2015-2)

by

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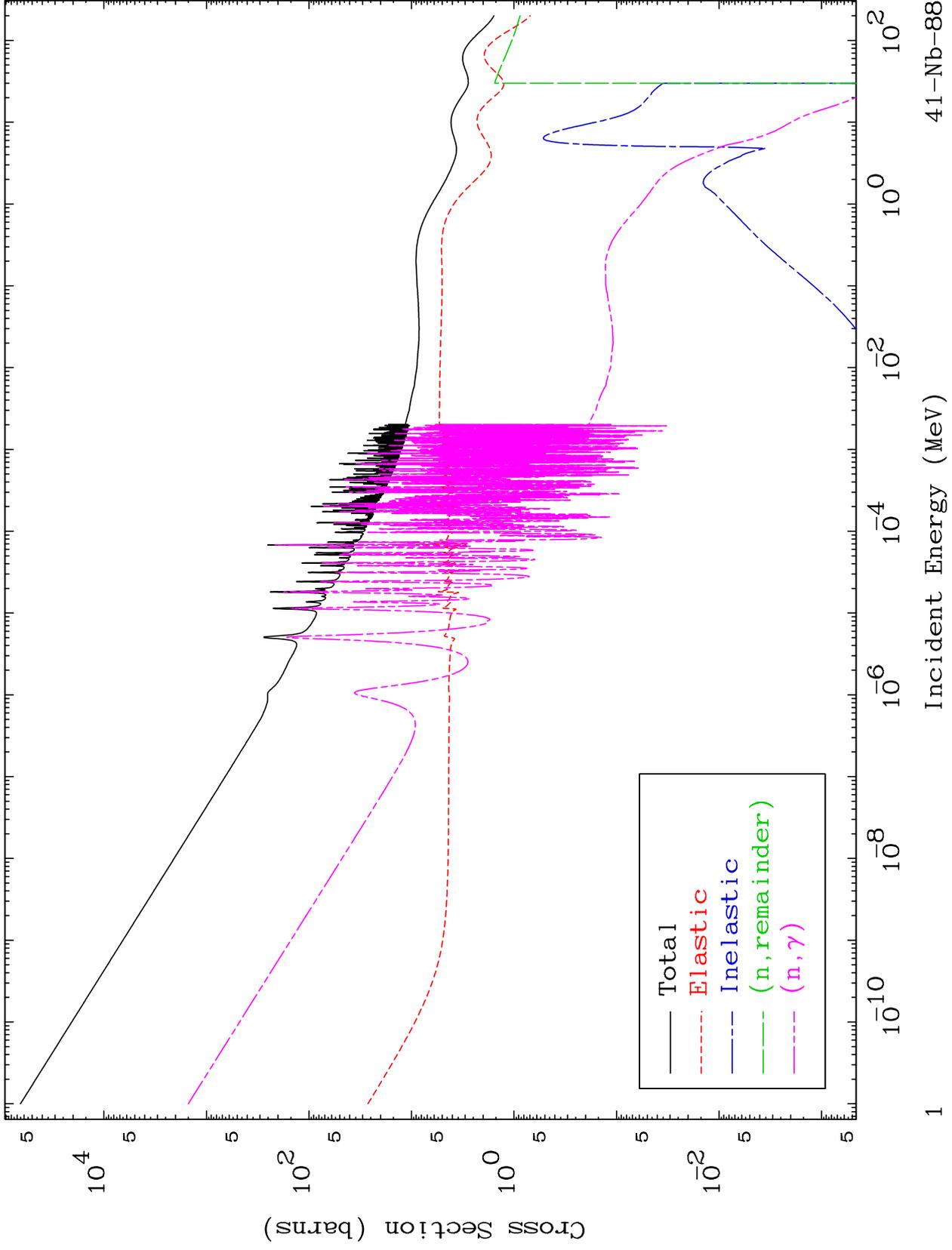
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

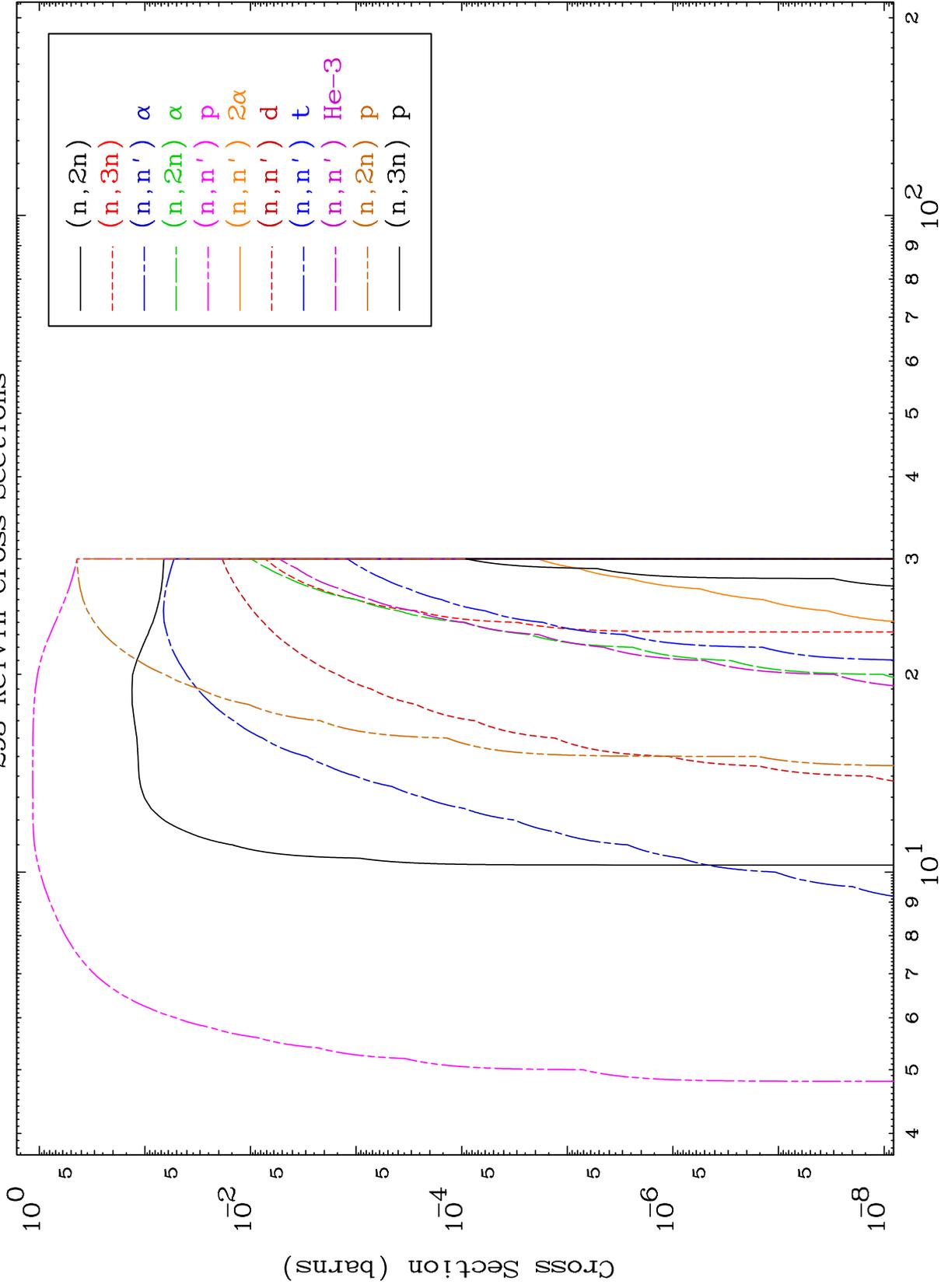
Press Mouse Button to Start

MAT 4111

Major
293 Kelvin Cross Sections

41-Nb-88

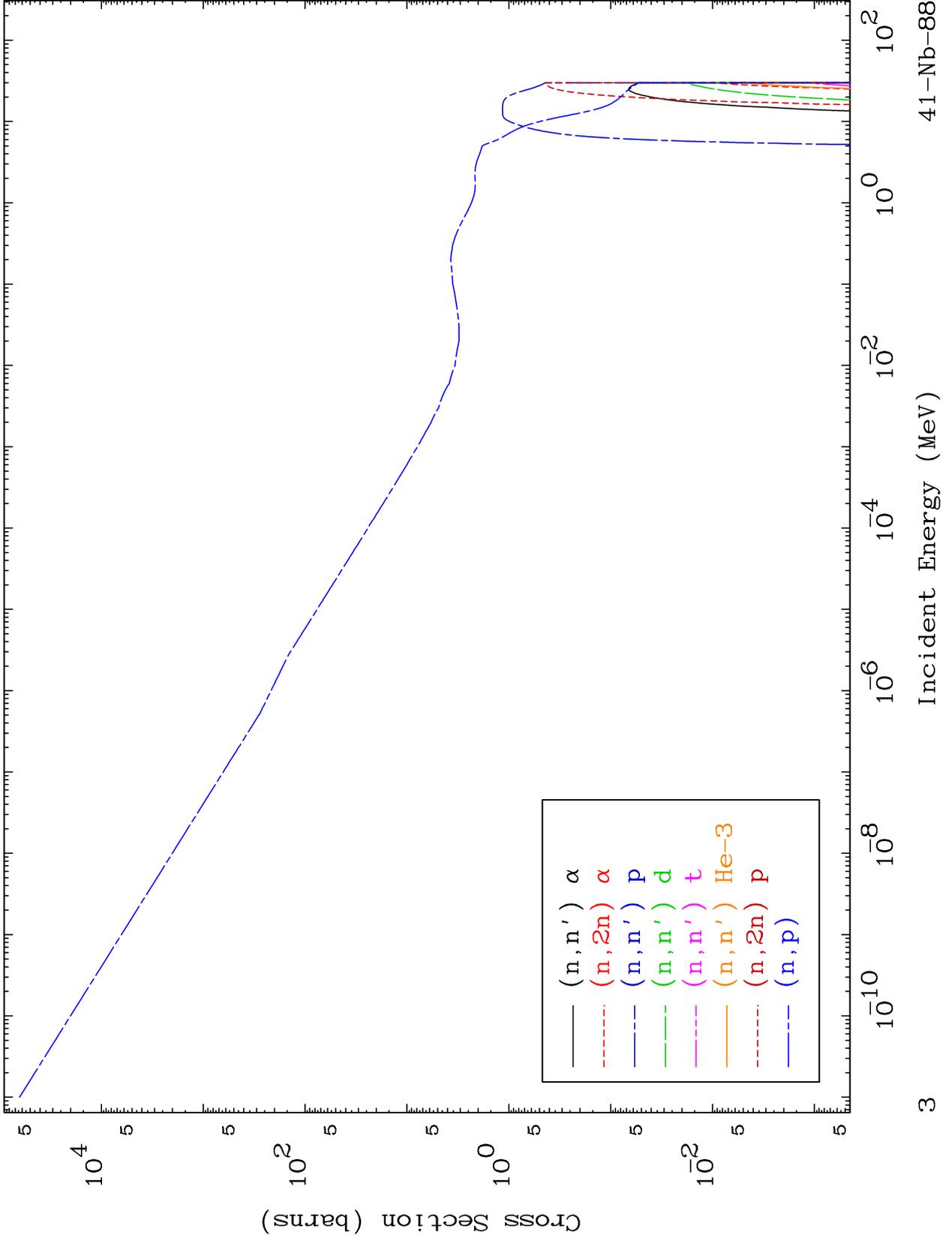




MAT 4111

Charged Particle
293 Kelvin Cross Sections

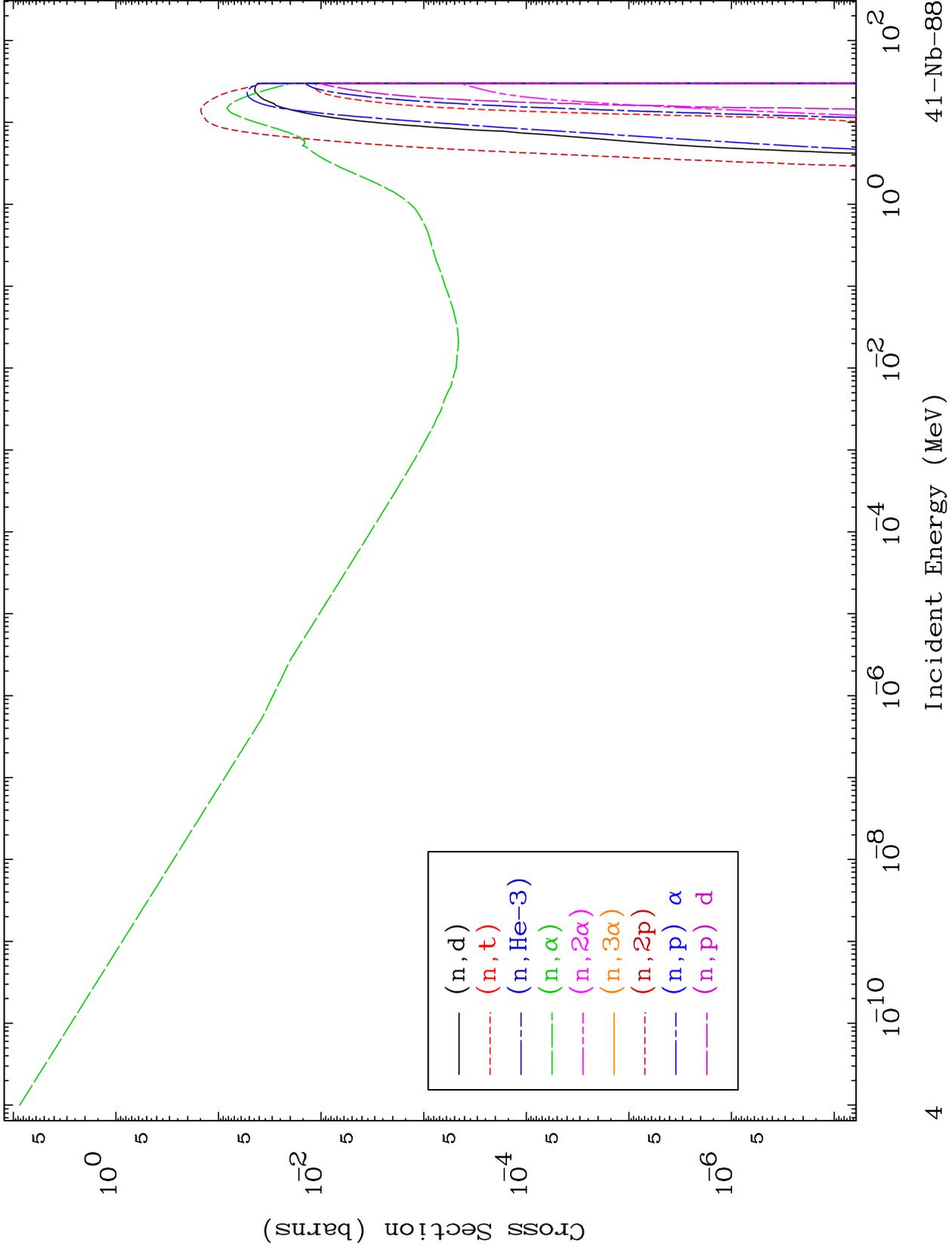
41-Nb-88

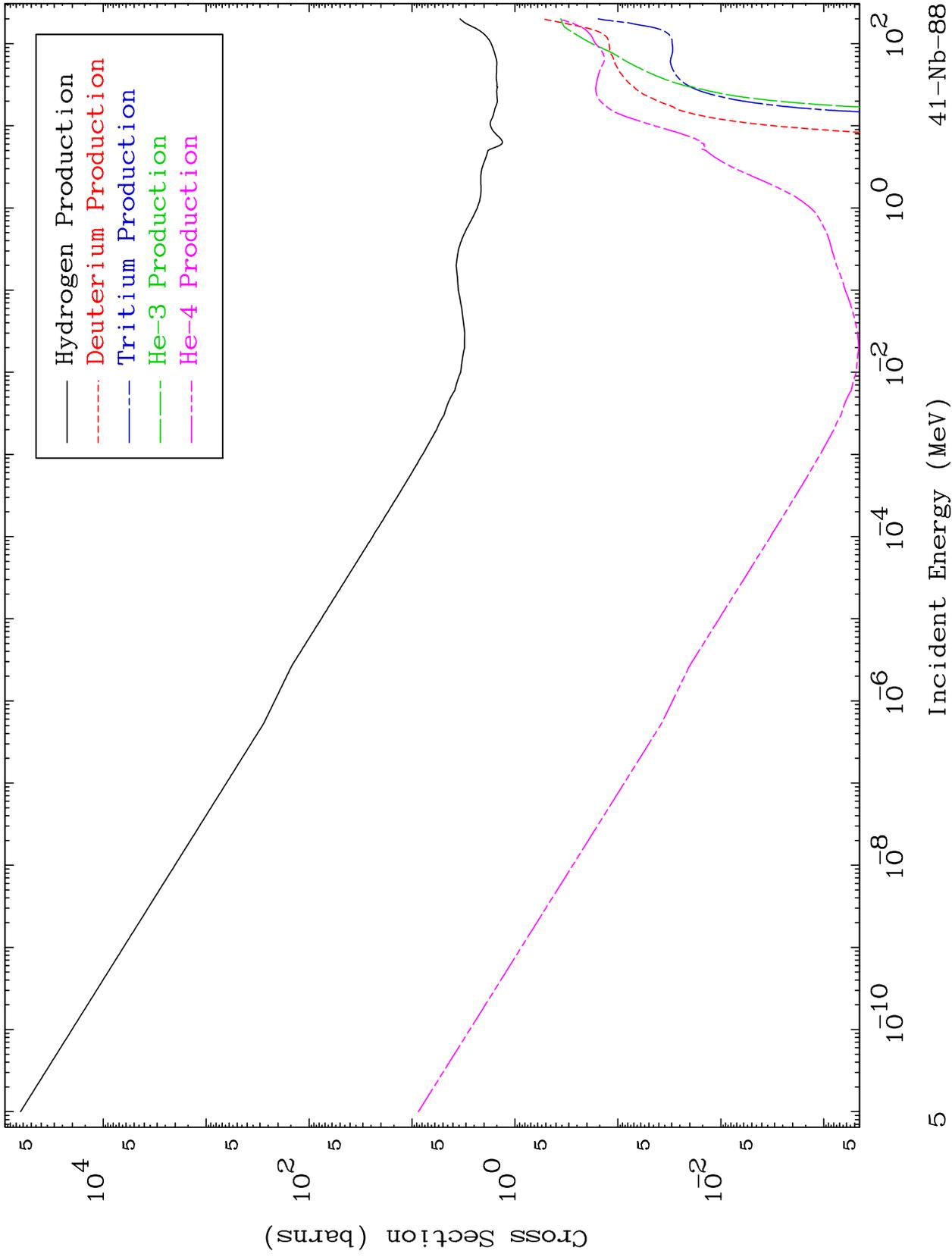


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Charged Particle
293 Kelvin Cross Sections

41-Nb-88

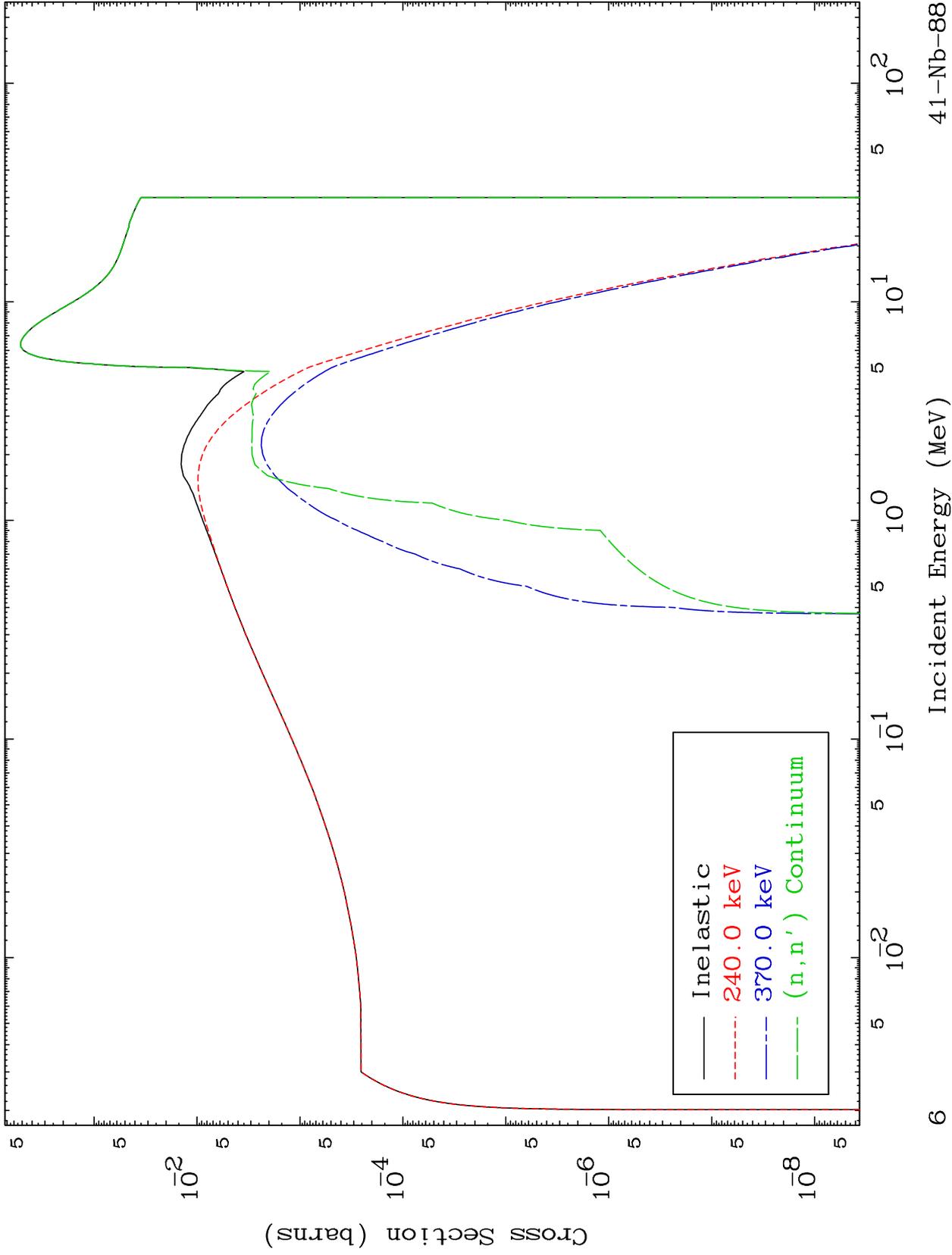




MAT 4111

(n,n') Level
293 Kelvin Cross Sections

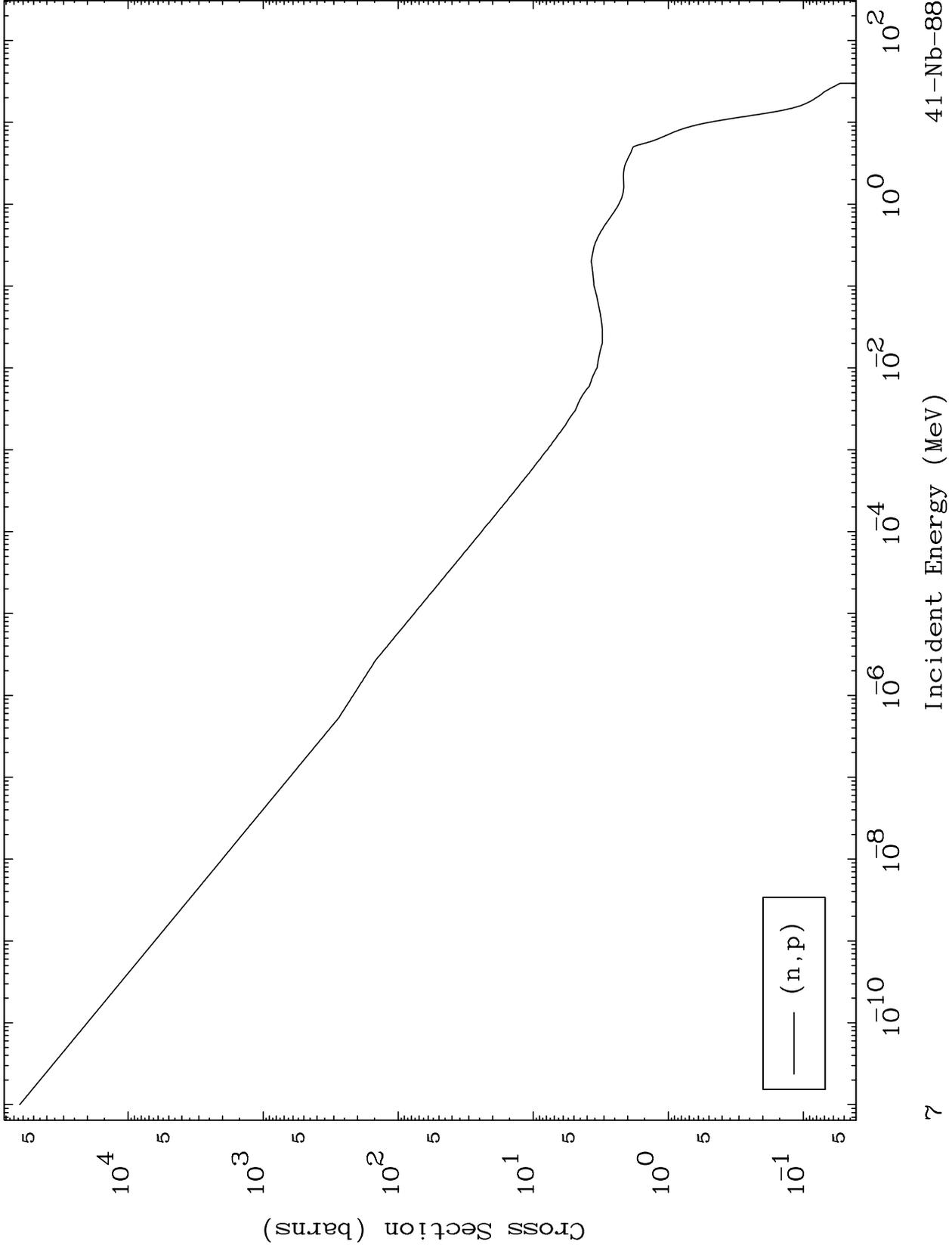
41-Nb-88



MAT 4111

(n,p) Levels
293 Kelvin Cross Sections

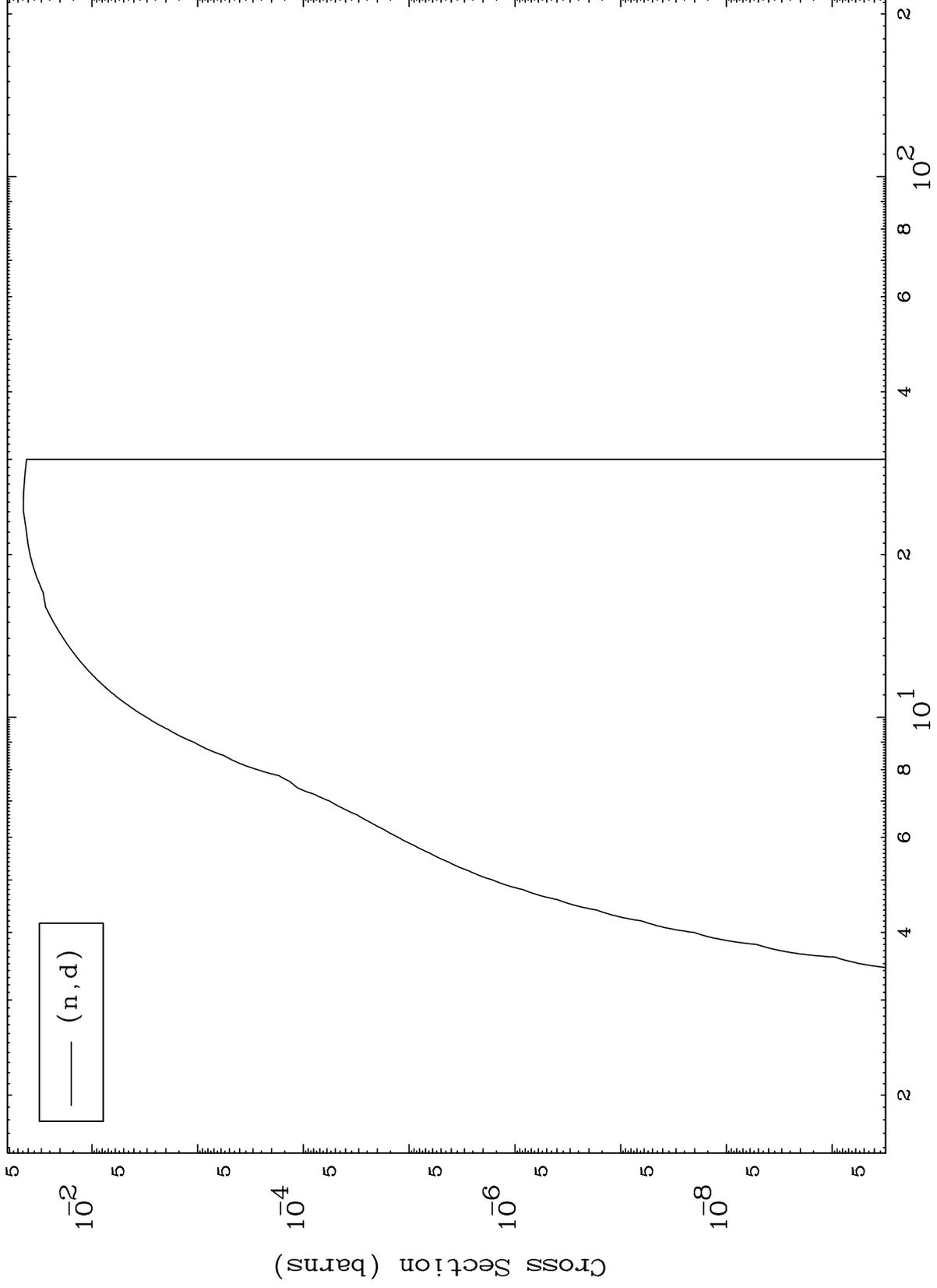
41-Nb-88



MAT 41111

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-88



8

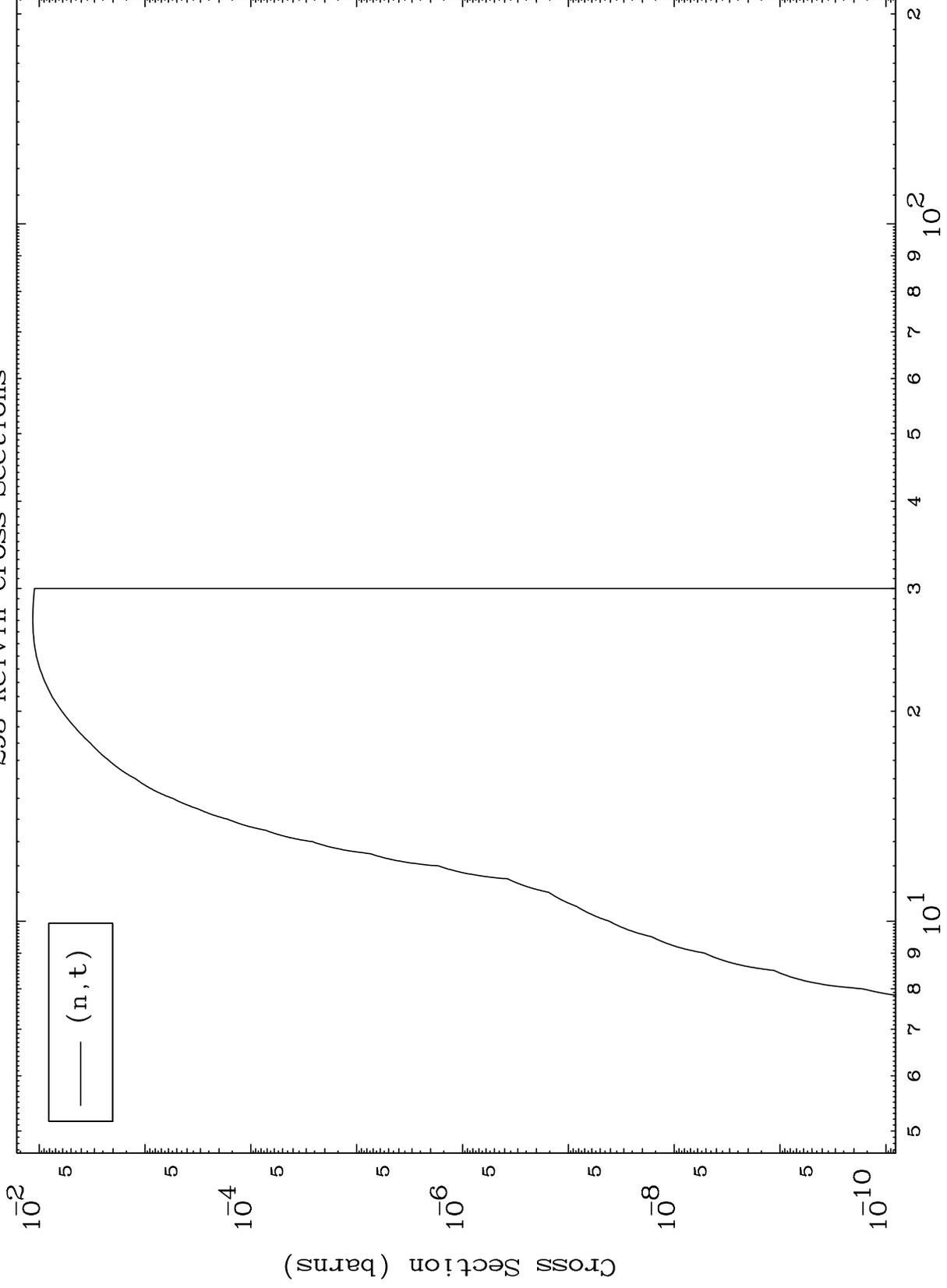
Incident Energy (MeV)

41-Nb-88

MAT 41111

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-88



9

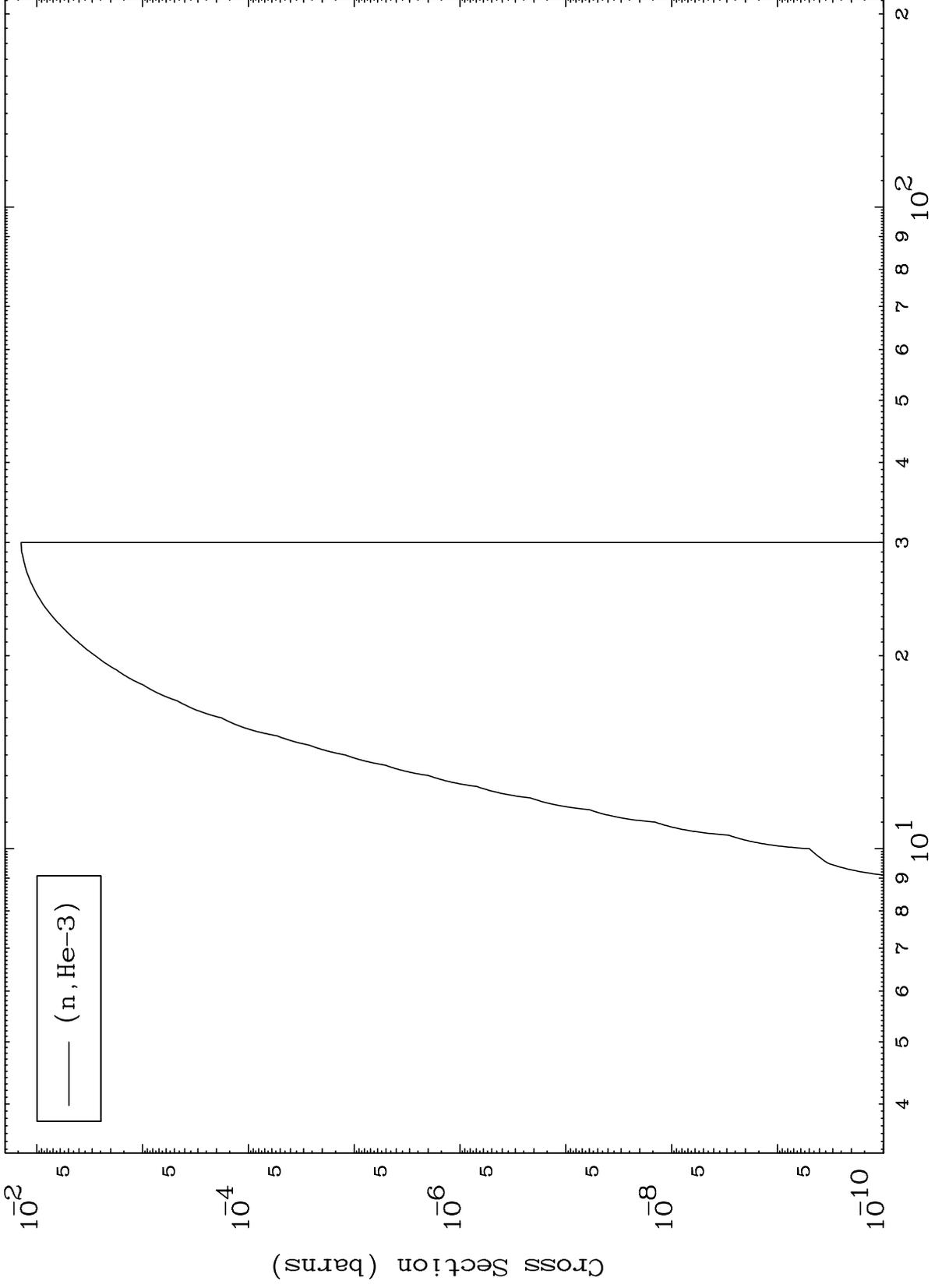
Incident Energy (MeV)

41-Nb-88

MAT 4111

(n,He3) Levels
293 Kelvin Cross Sections

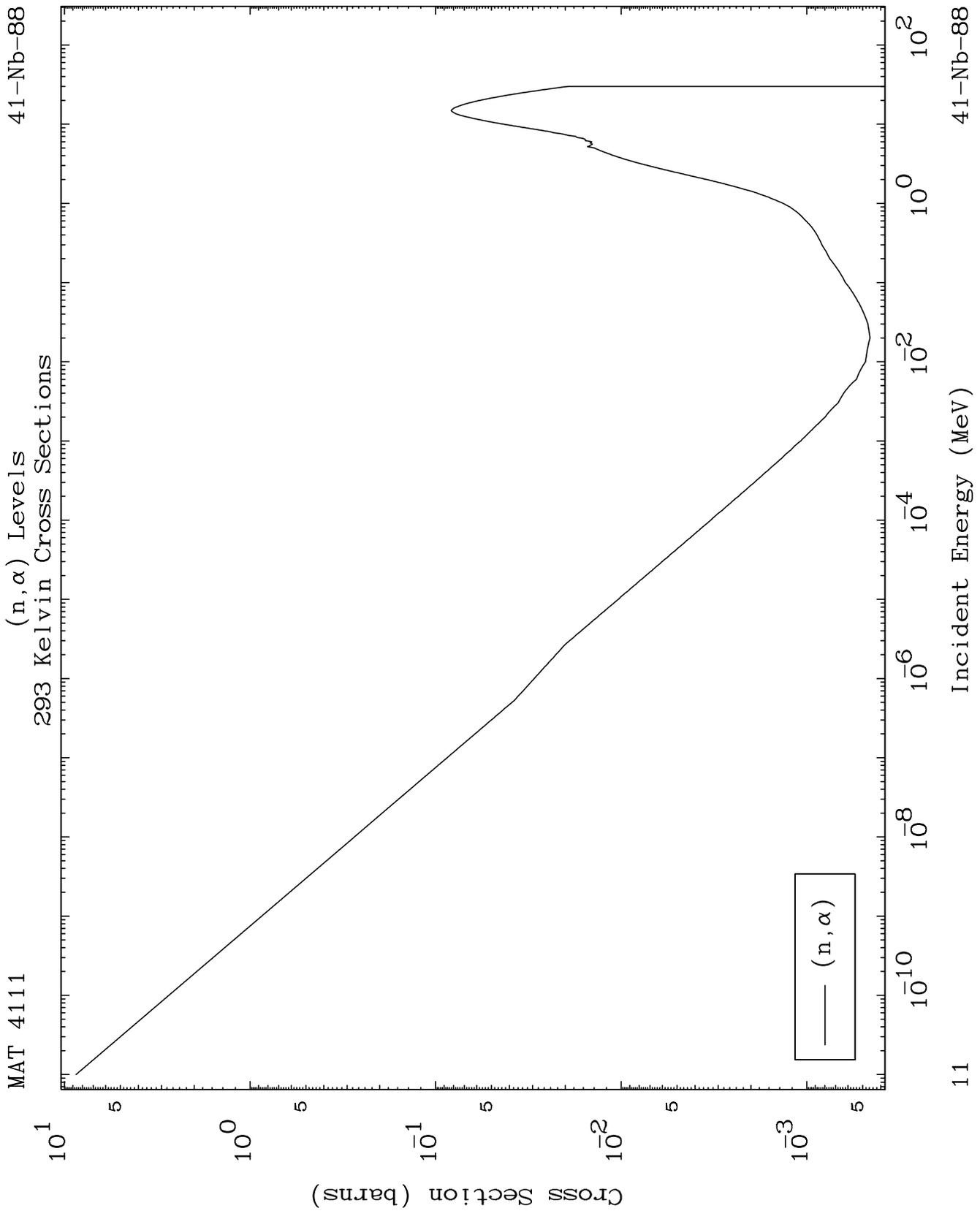
41-Nb-88

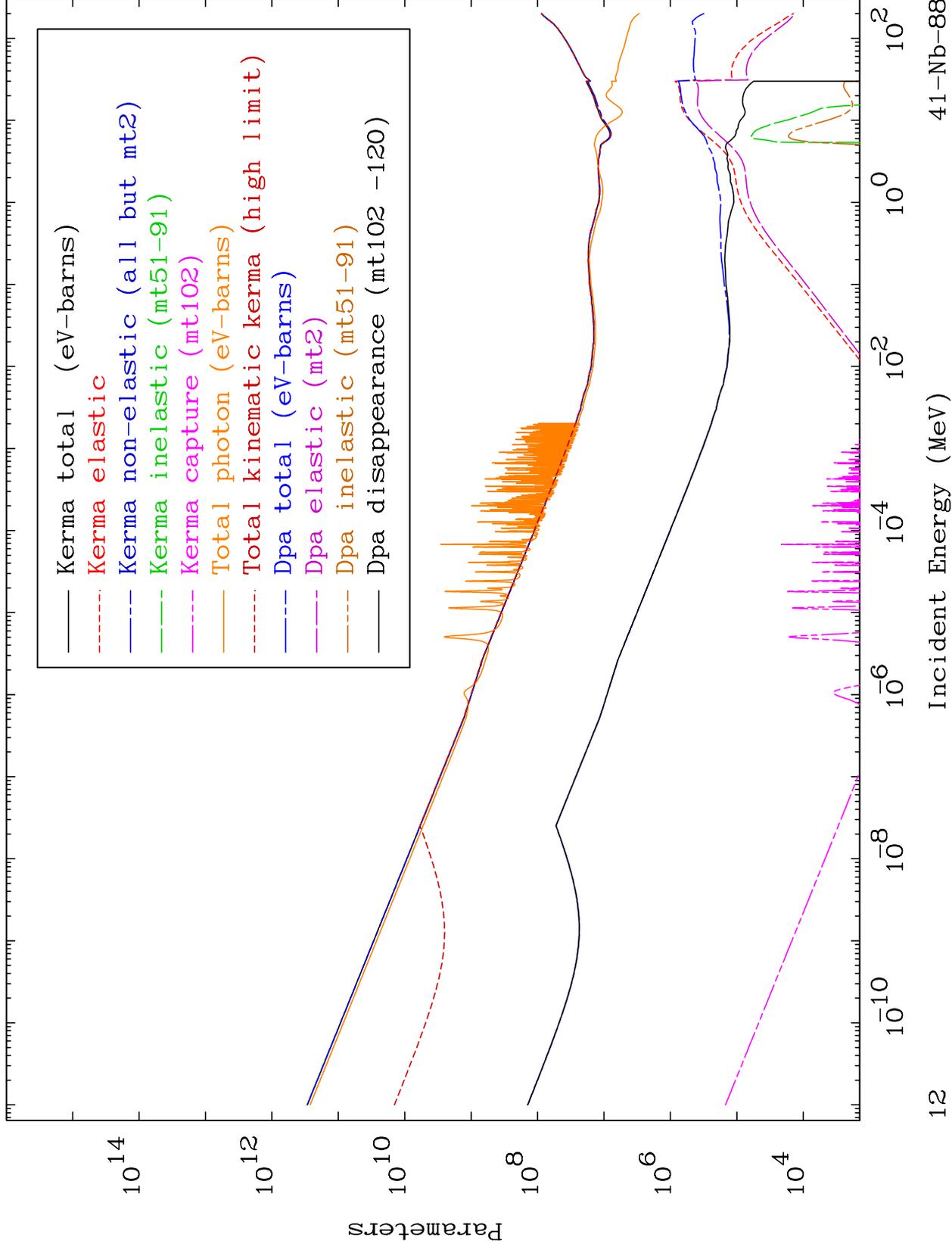


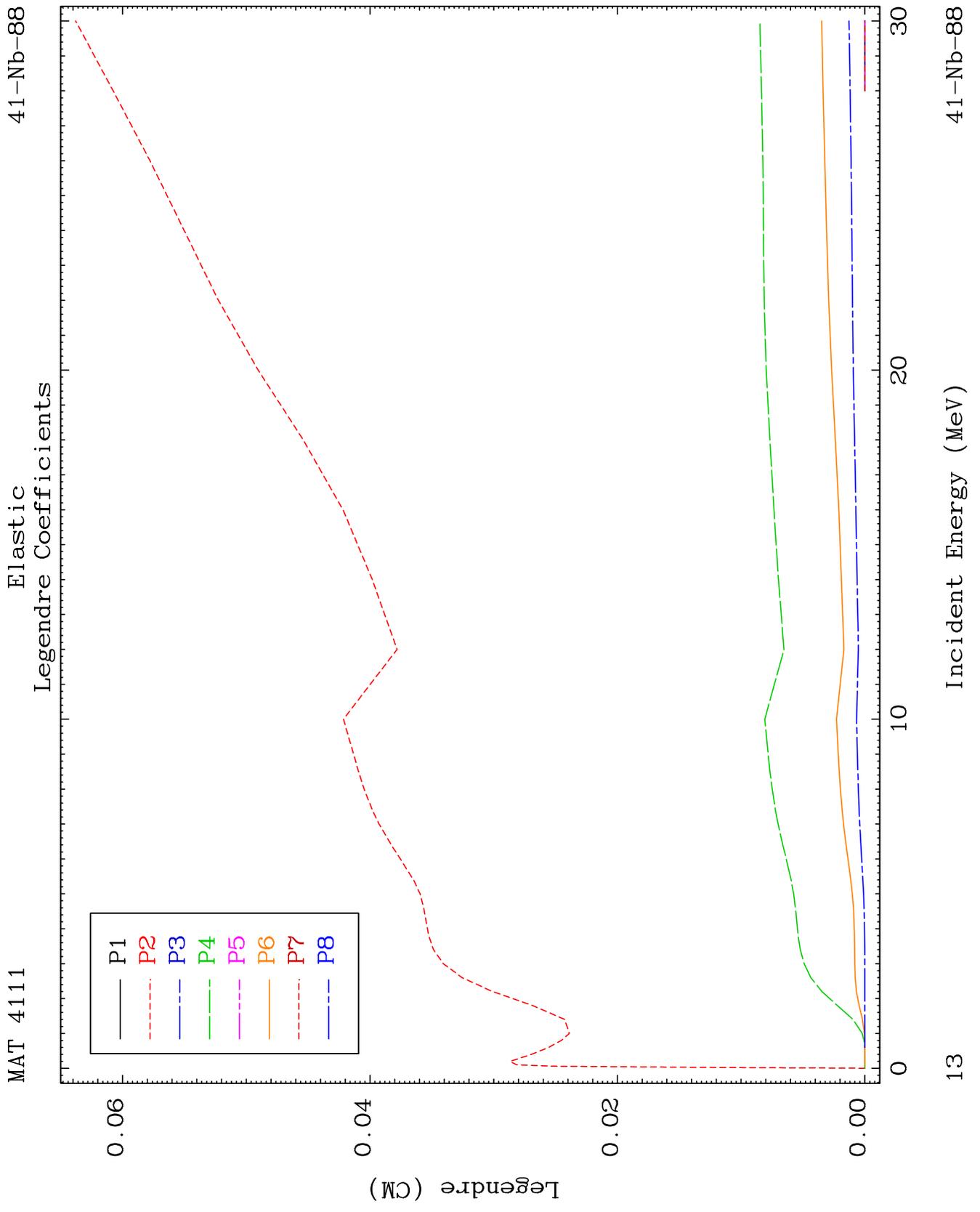
10

Incident Energy (MeV)

41-Nb-88







MAT 4111

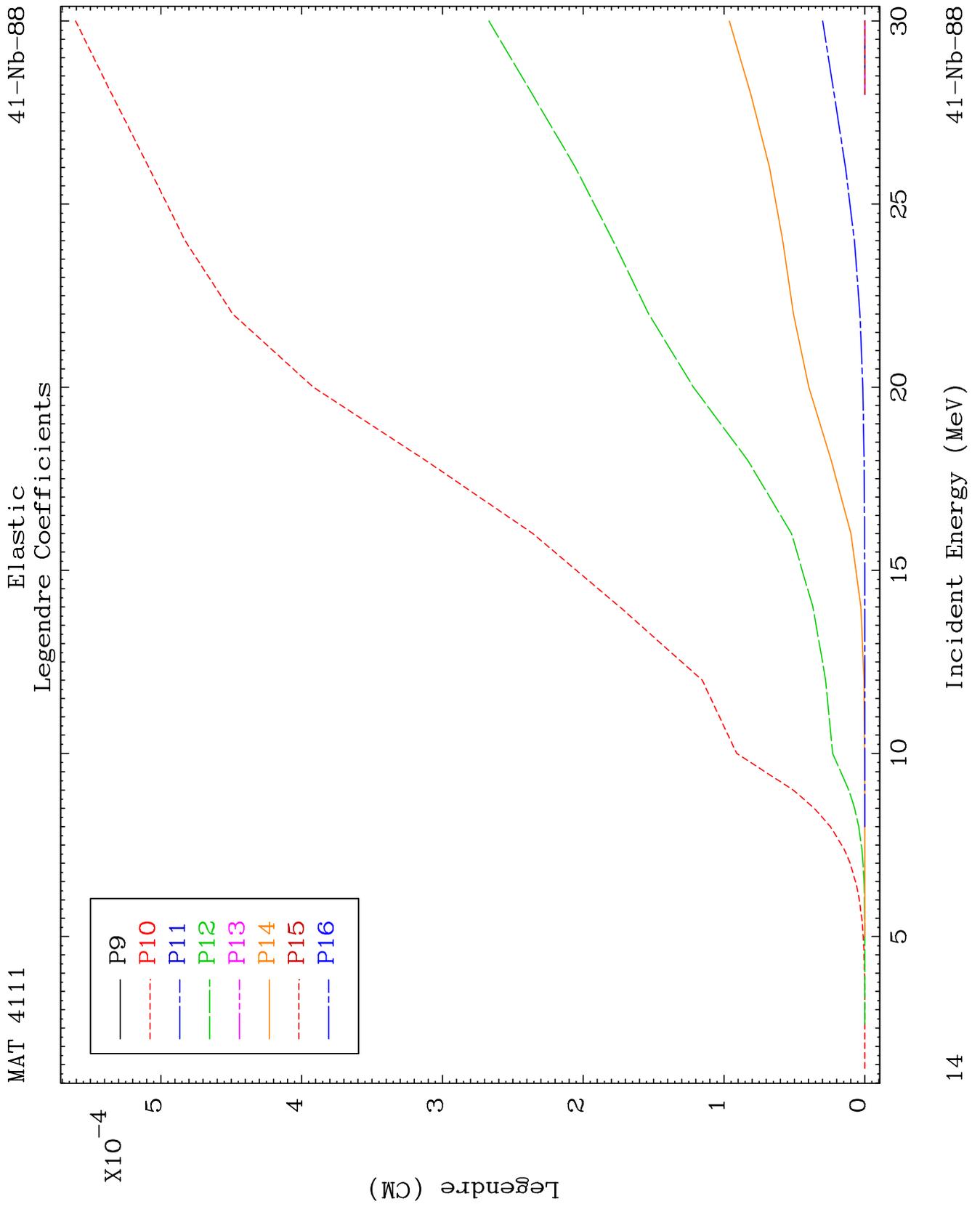
Elastic Legendre Coefficients

41-Nb-88

13

Incident Energy (MeV)

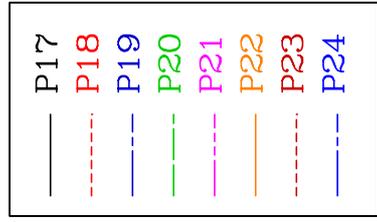
41-Nb-88



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Elastic
Legendre Coefficients

41-Nb-88



$\times 10^{-6}$

2.0

1.5

Legendre (CM)

1.0

0.5

0.0

15

20

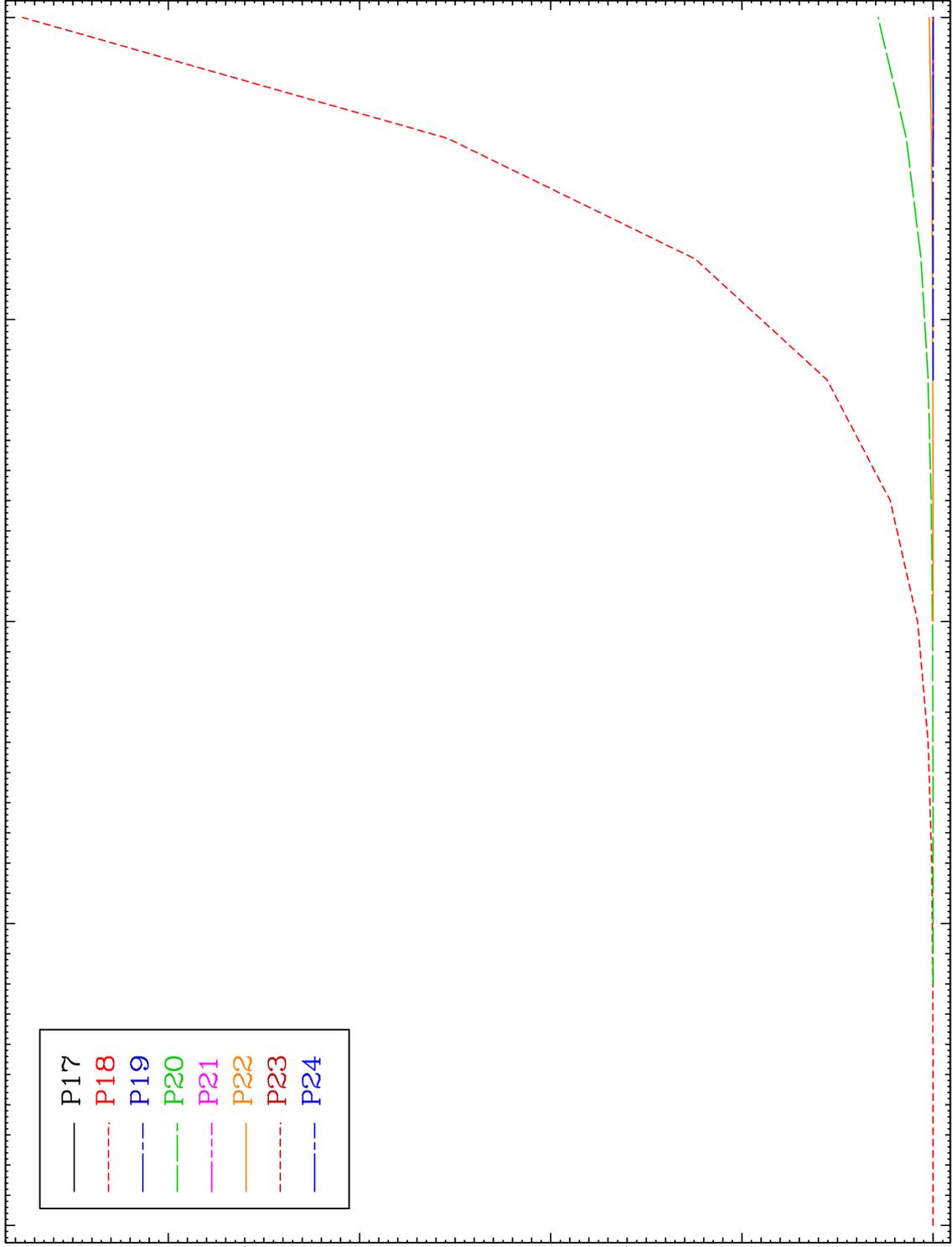
25

30

15

Incident Energy (MeV)

41-Nb-88

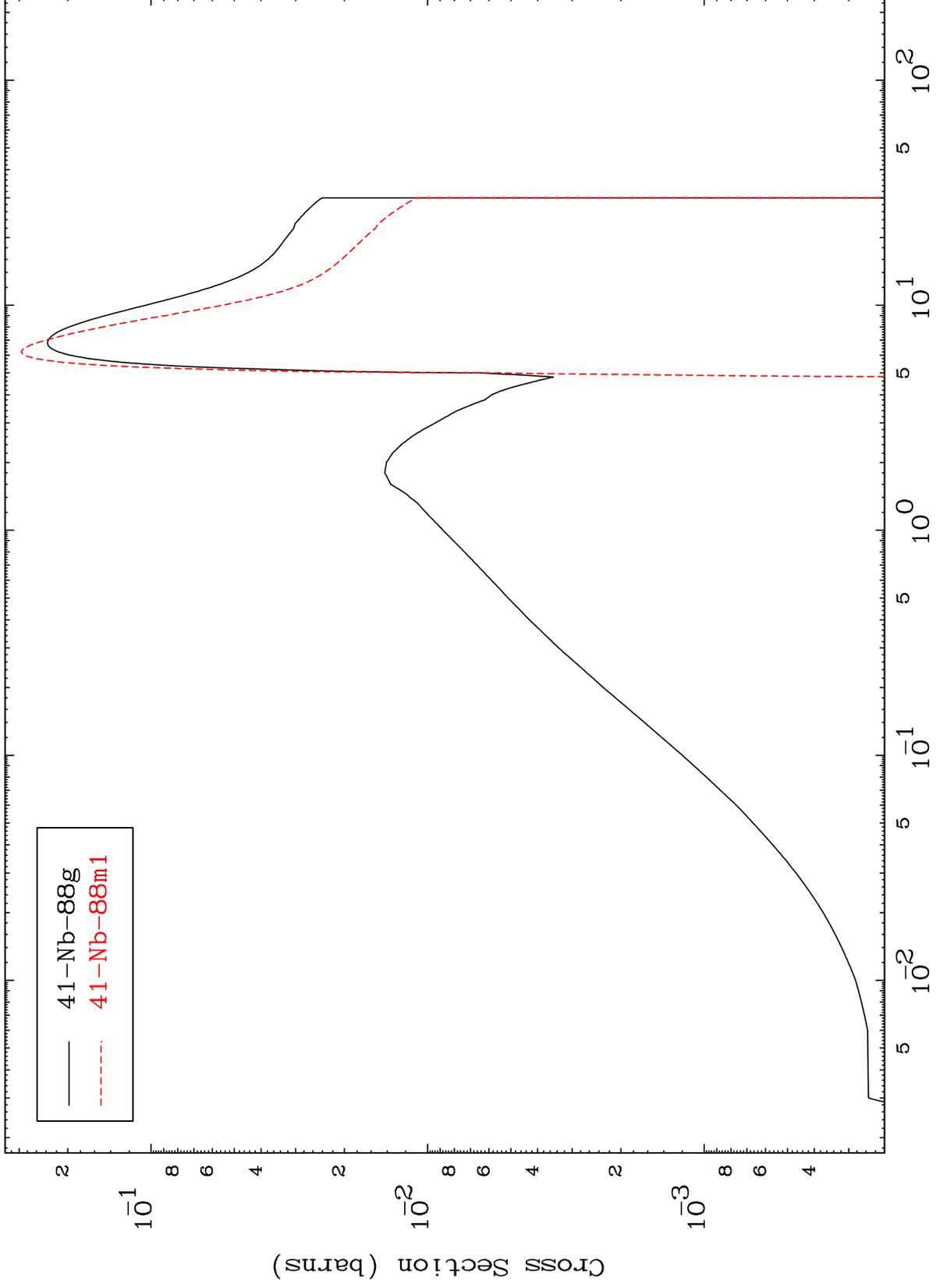


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Inelastic

41-Nb-88

Radionuclide Production Cross Section

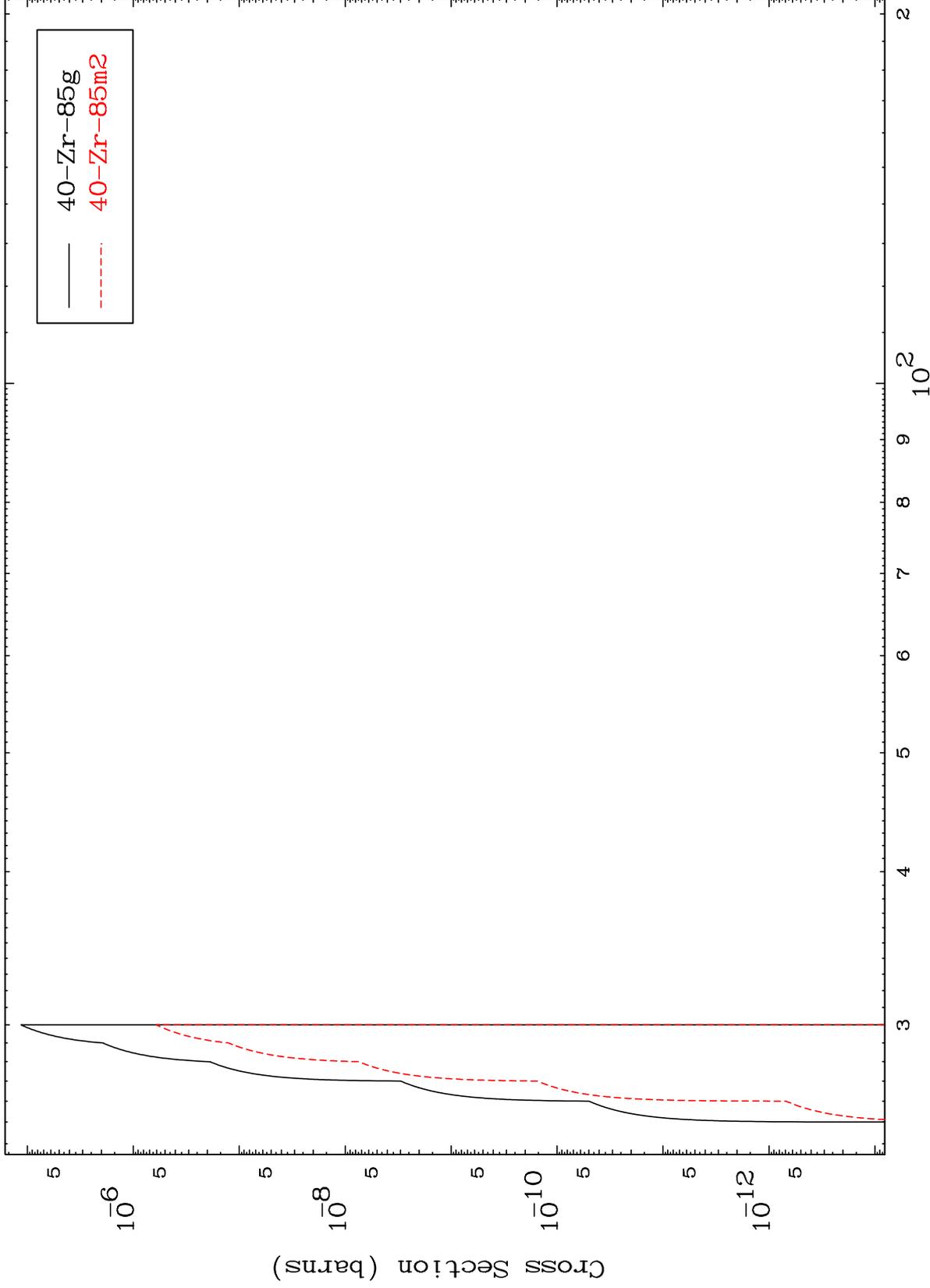


16

Incident Energy (MeV)

41-Nb-88

Radionuclide Production Cross Section

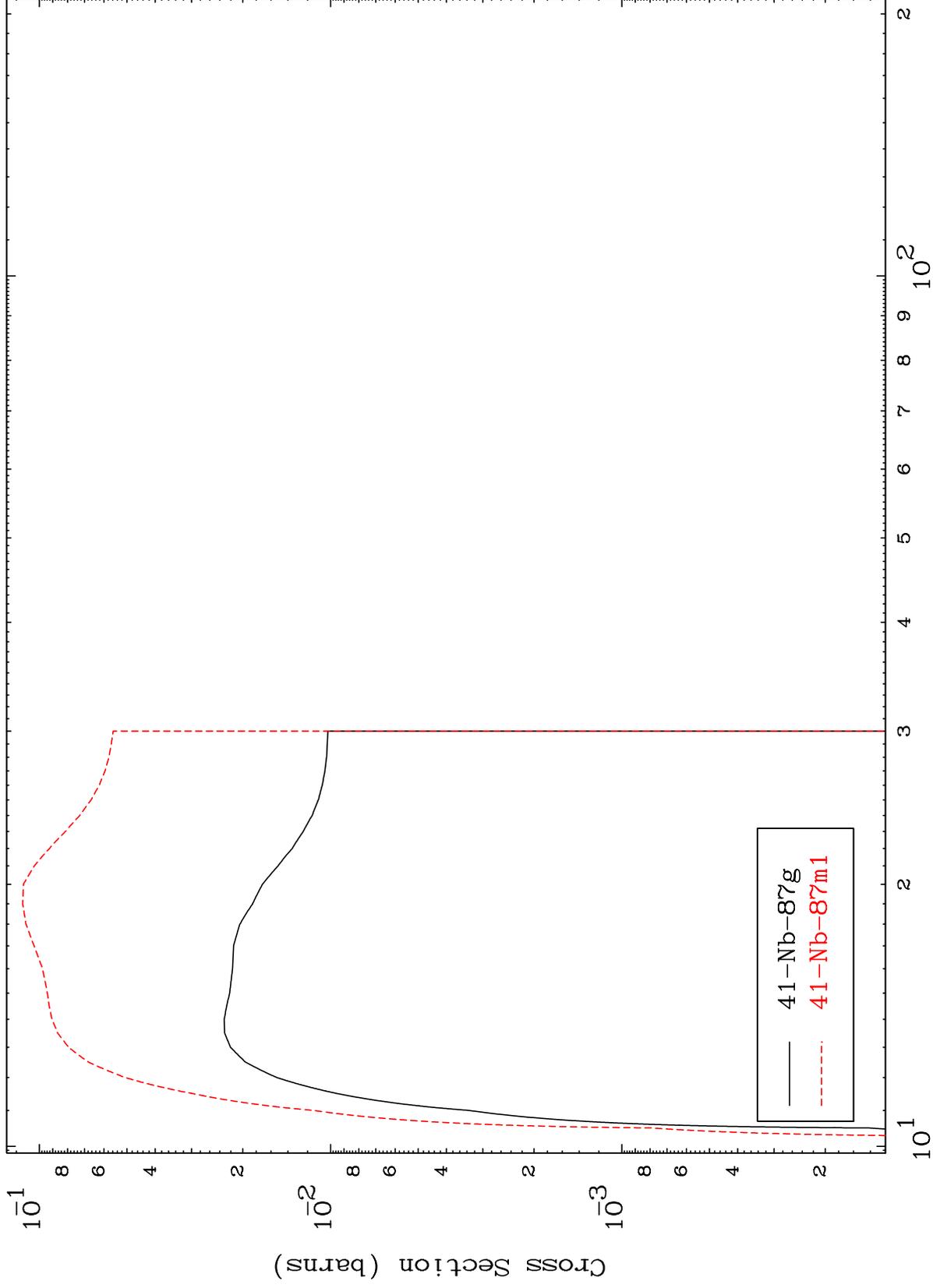


MAT 41111

(n,2n)

41-Nb-88

Radionuclide Production Cross Section



41-Nb-88

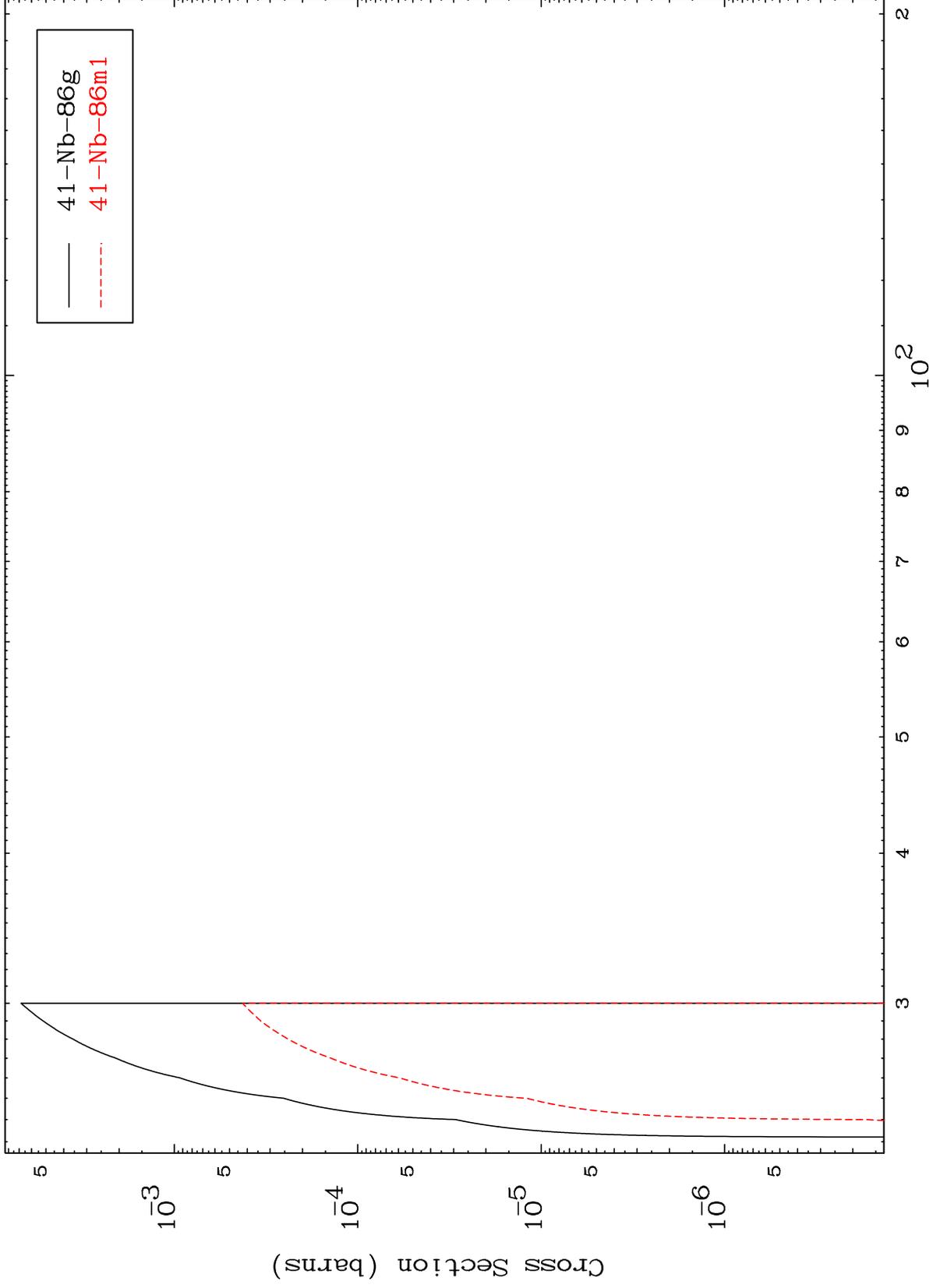
Incident Energy (MeV)

18

MAT 4111

41-Nb-88

(n,3n)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

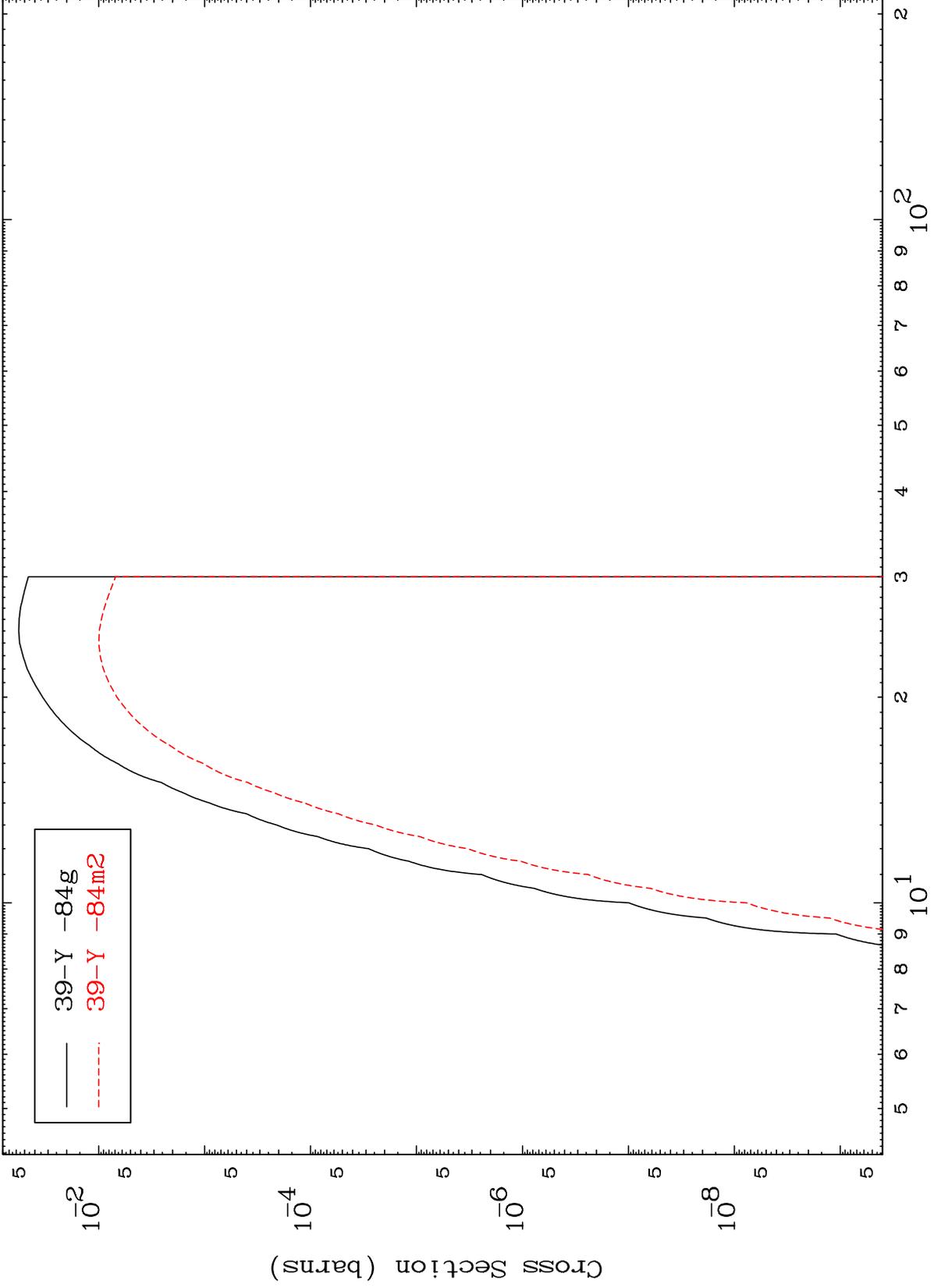
41-Nb-88

MAT 4111

(n,n') α

41-Nb-88

Radionuclide Production Cross Section



20

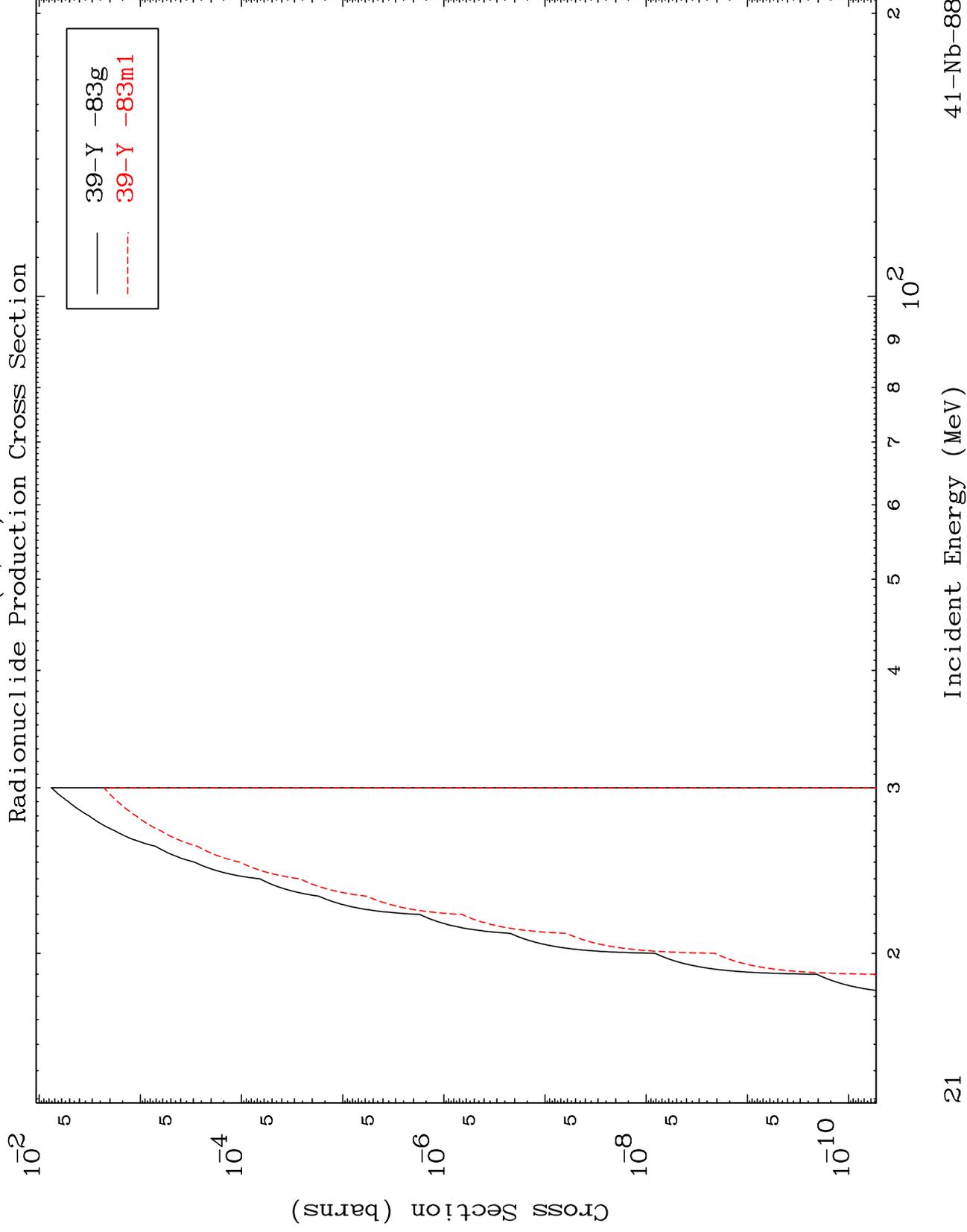
Incident Energy (MeV)

41-Nb-88

MAT 4111

$(n,2n) \alpha$

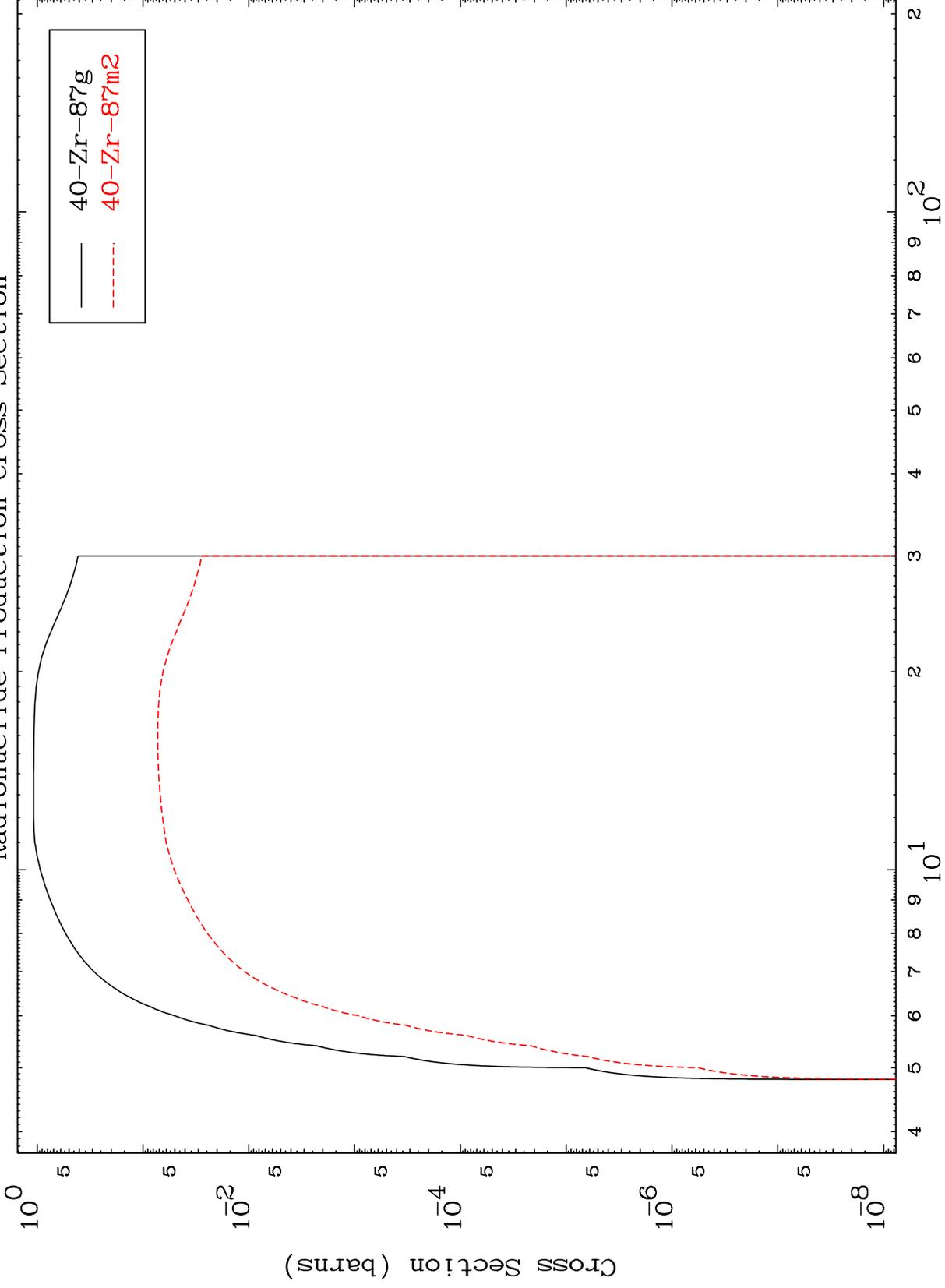
41-Nb-88



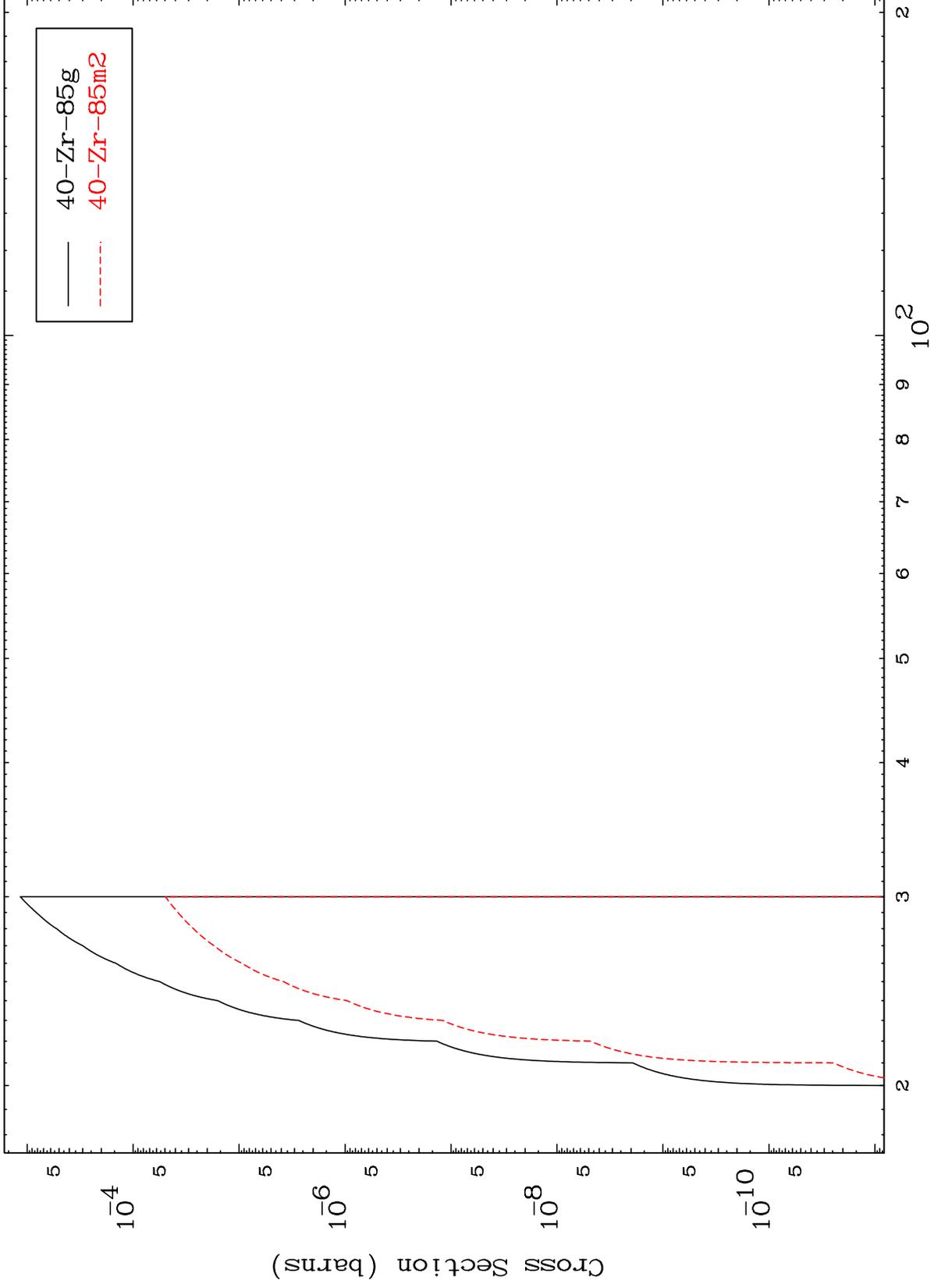
21

41-Nb-88

(n,n') p
Radionuclide Production Cross Section



Radionuclide Production Cross Section

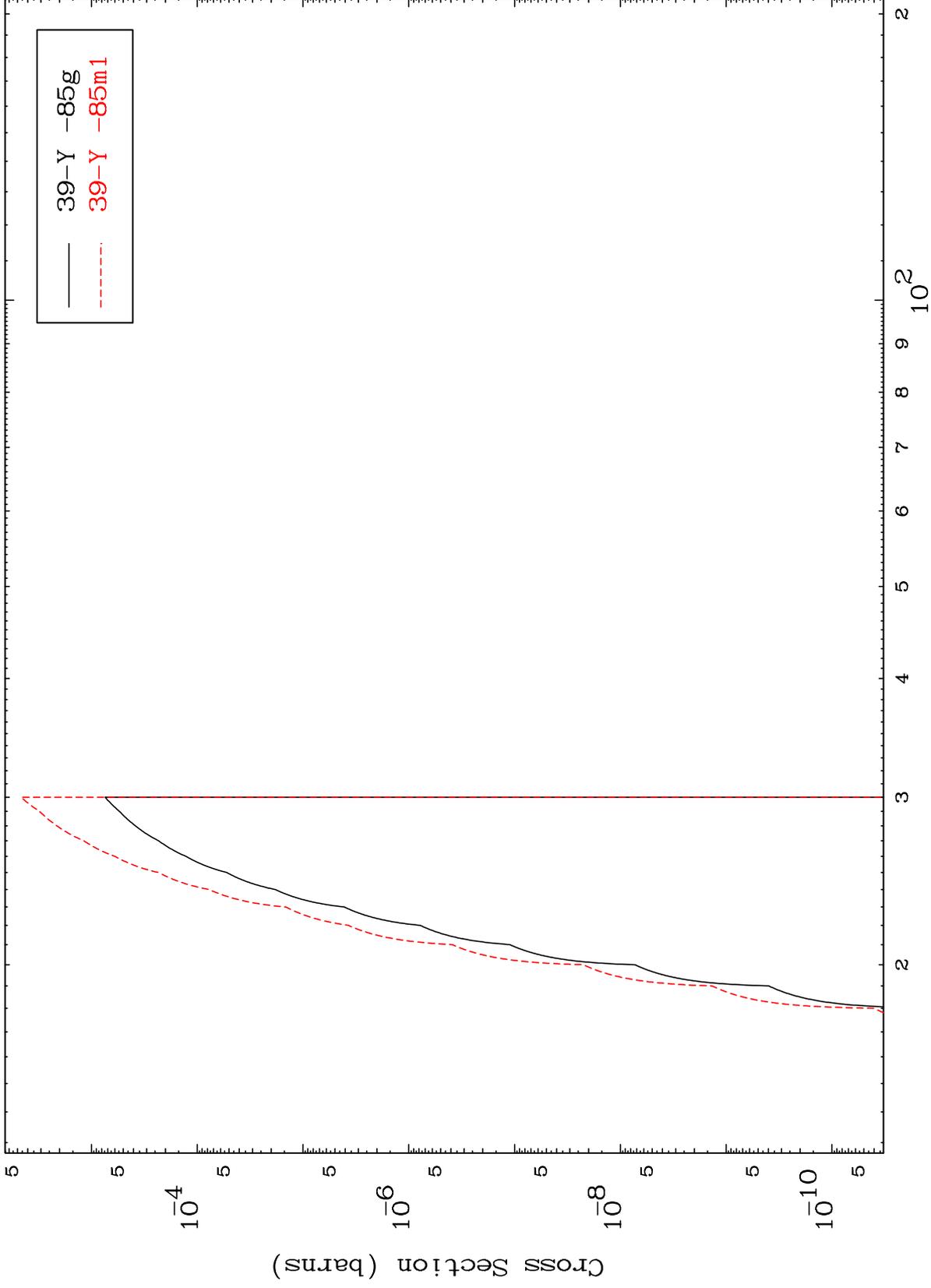


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(n,n') He-3

41-Nb-88

Radionuclide Production Cross Section



24

Incident Energy (MeV)

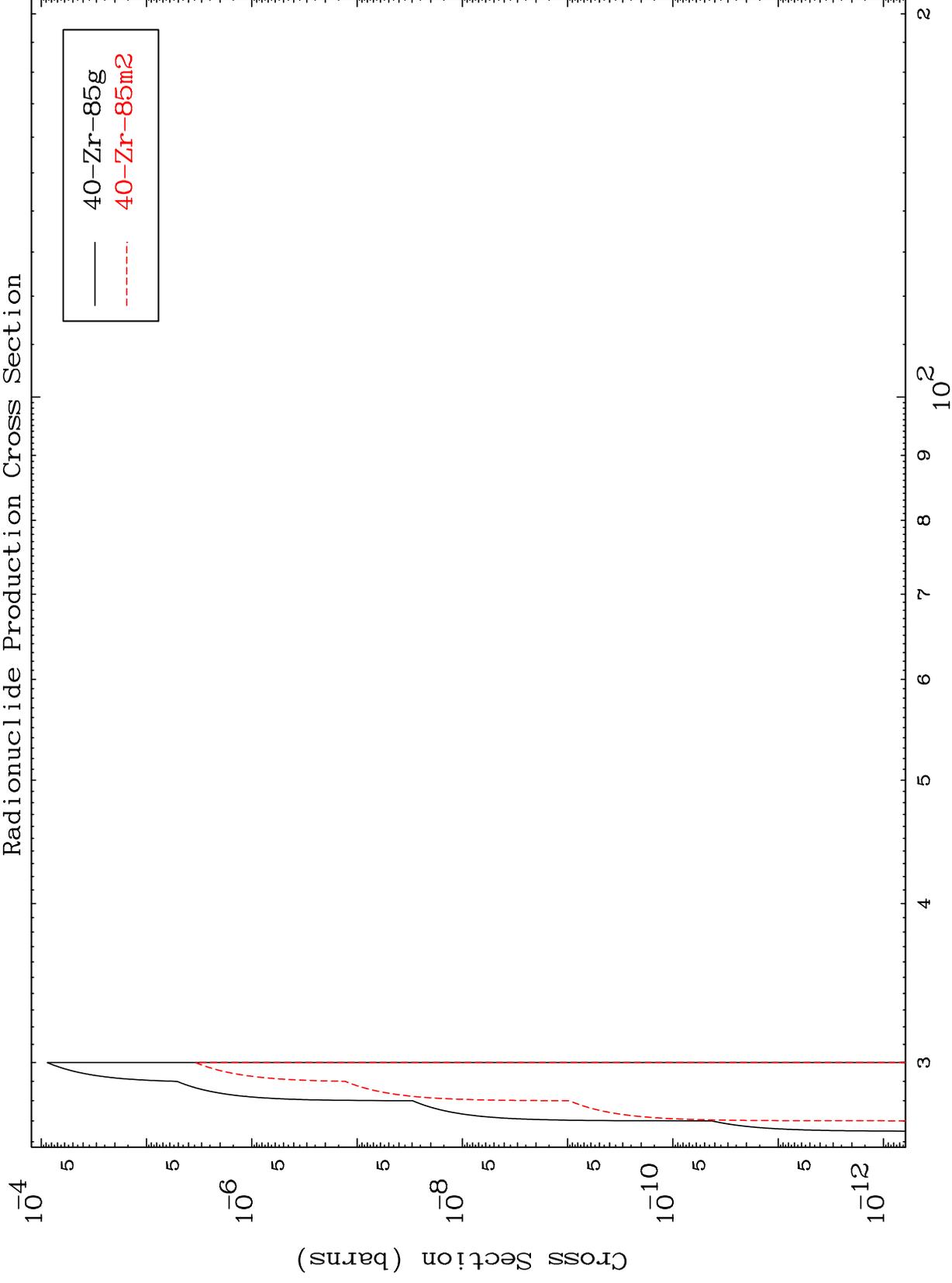
41-Nb-88

MAT 4111

(n,3n) p

41-Nb-88

Radionuclide Production Cross Section

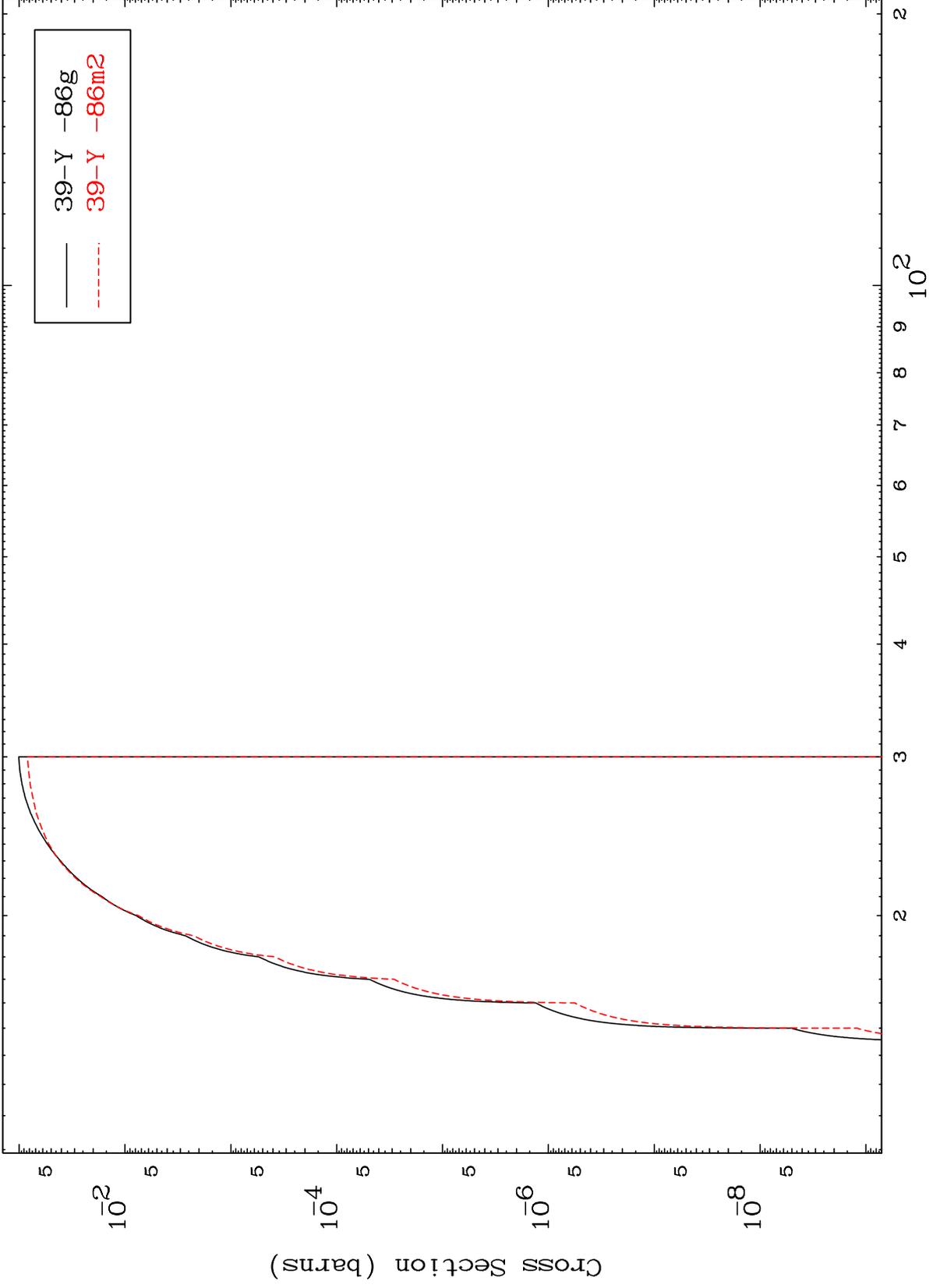


25

Incident Energy (MeV)

41-Nb-88

Radionuclide Production Cross Section

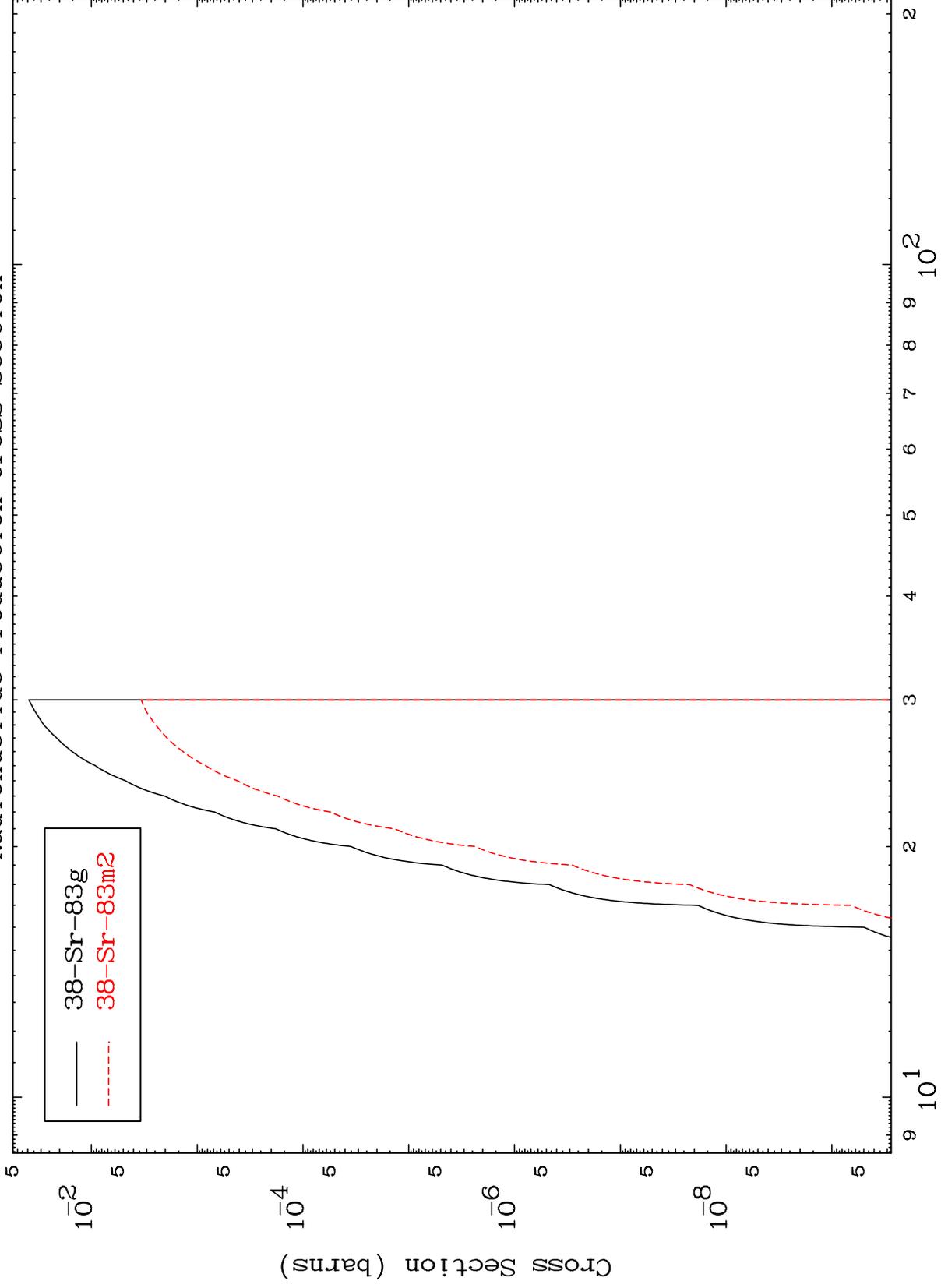


MAT 4111

(n,n') p α

41-Nb-88

Radionuclide Production Cross Section



27

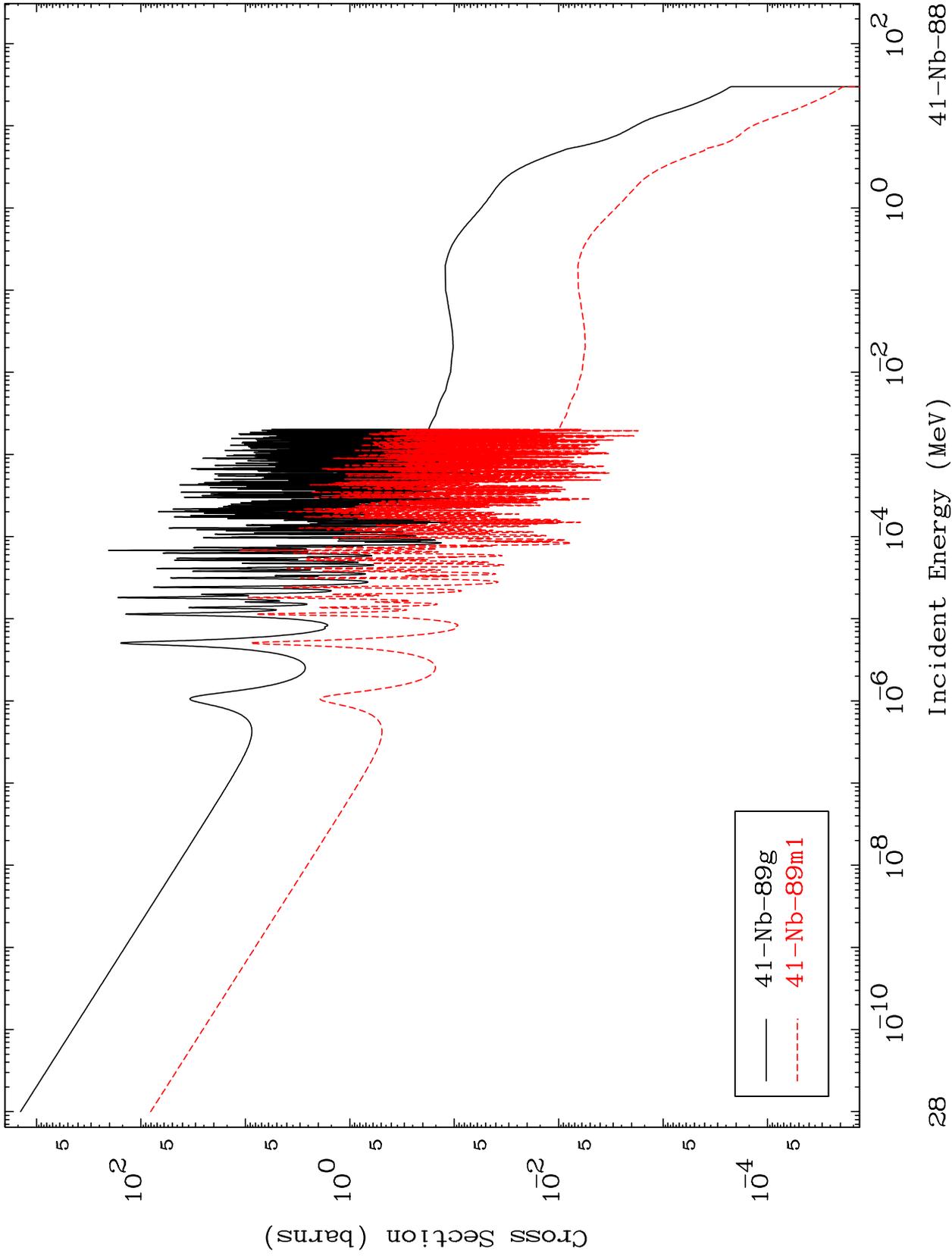
Incident Energy (MeV)

41-Nb-88

MAT 4111

41-Nb-88

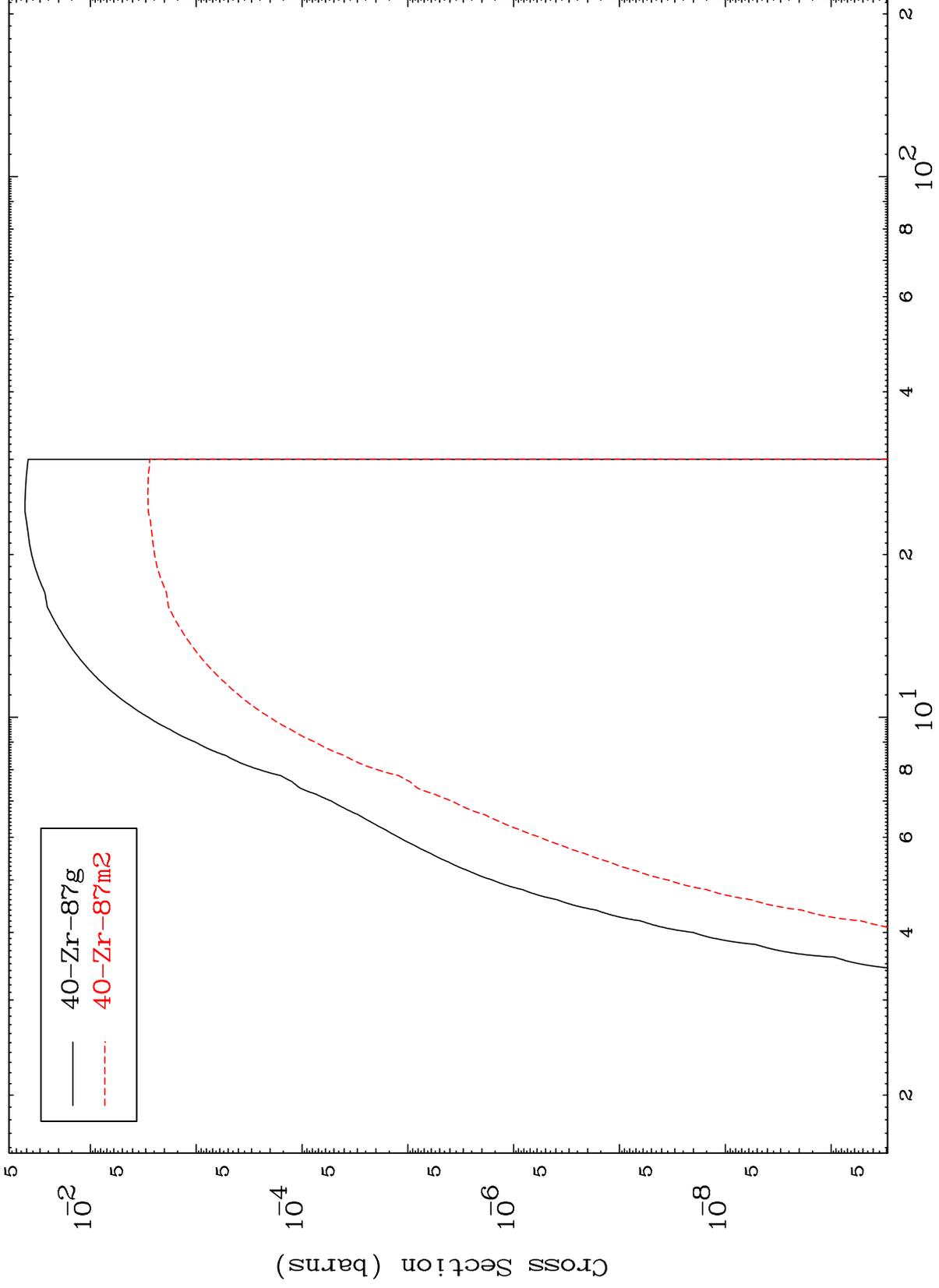
(n, γ)
Radionuclide Production Cross Section



MAT 4111

41-Nb-88

(n,d)
Radionuclide Production Cross Section



29

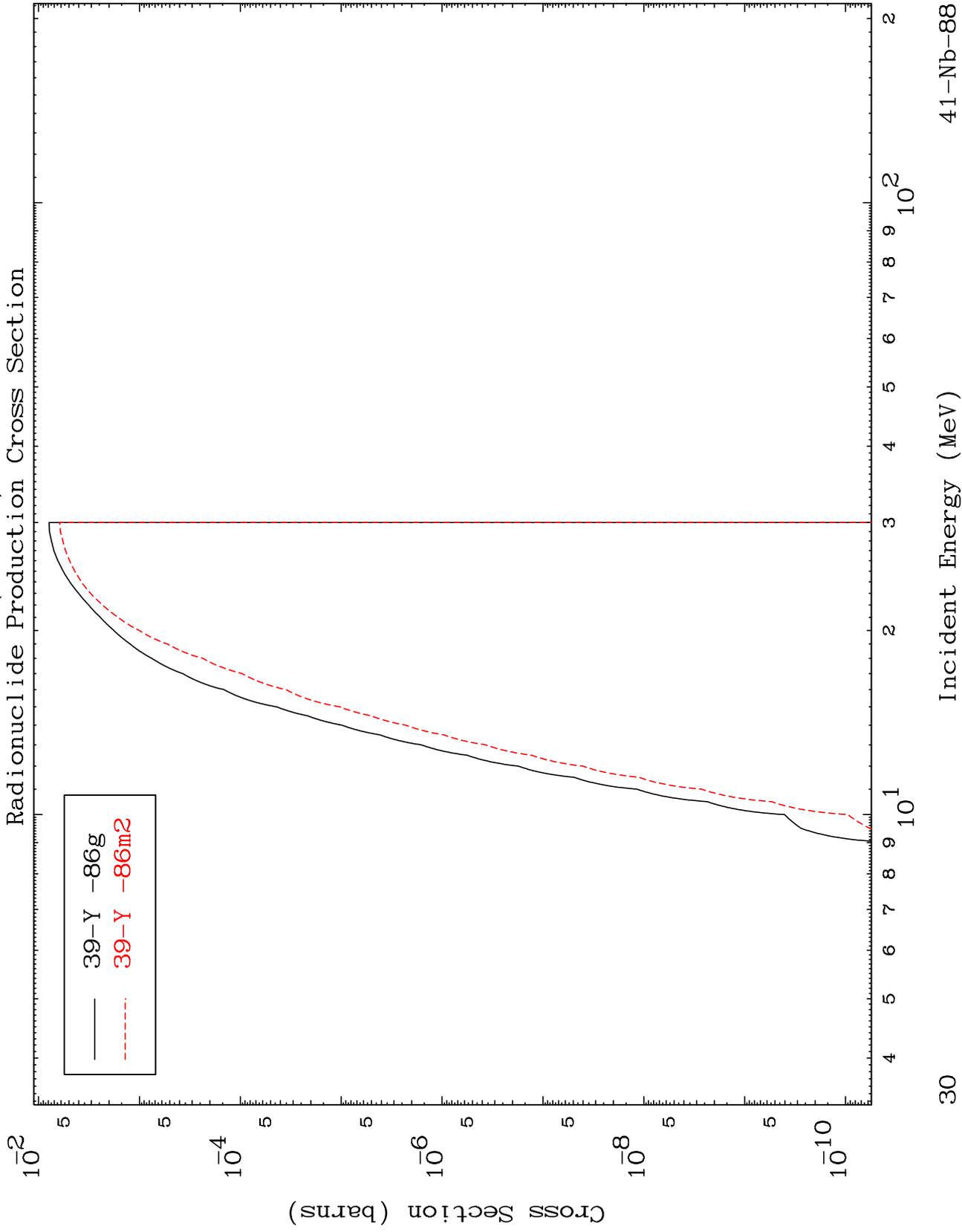
Incident Energy (MeV)

41-Nb-88

MAT 4111

(n,He-3)

41-Nb-88



30

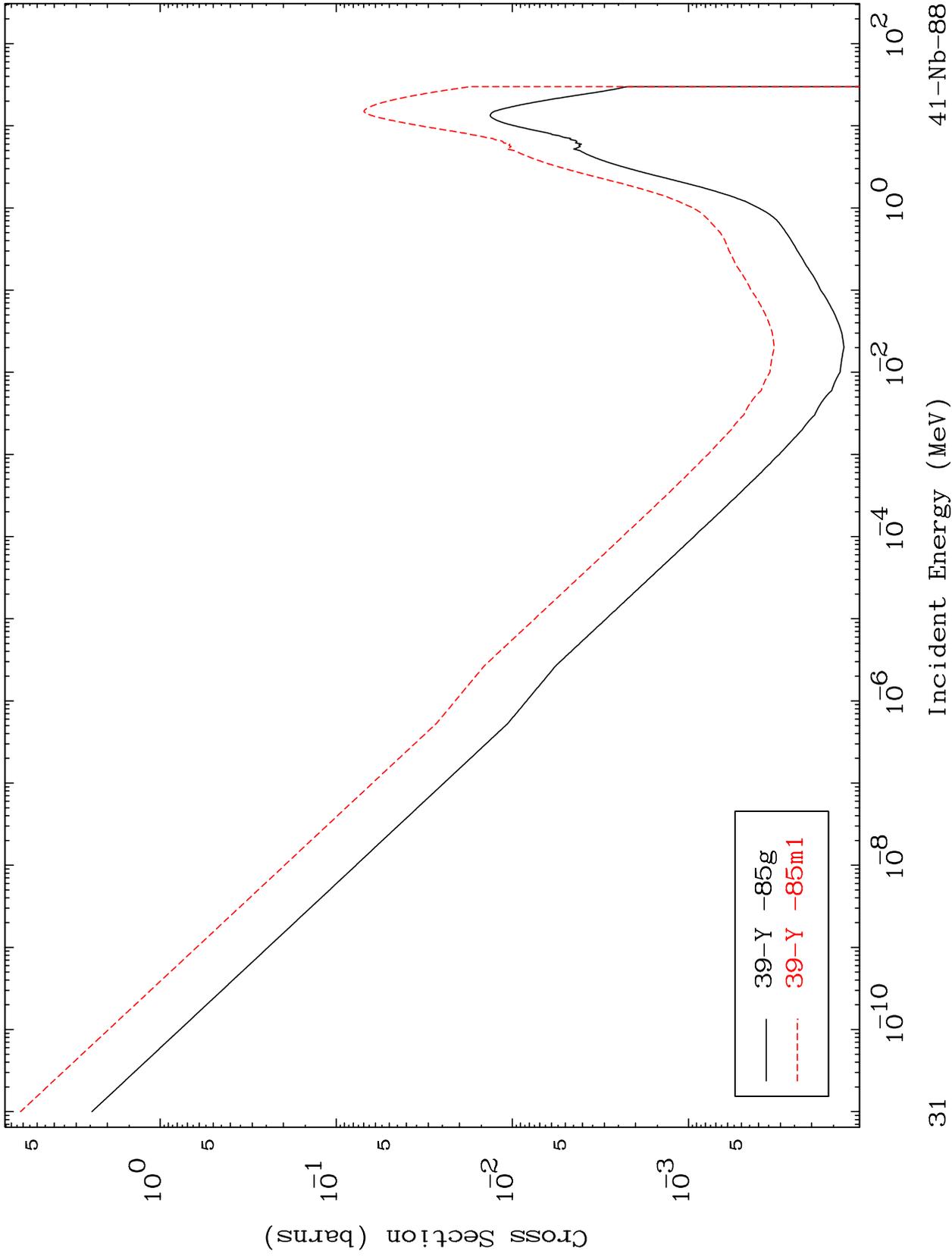
Incident Energy (MeV)

41-Nb-88

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41-Nb-88

(n, α)
Radionuclide Production Cross Section

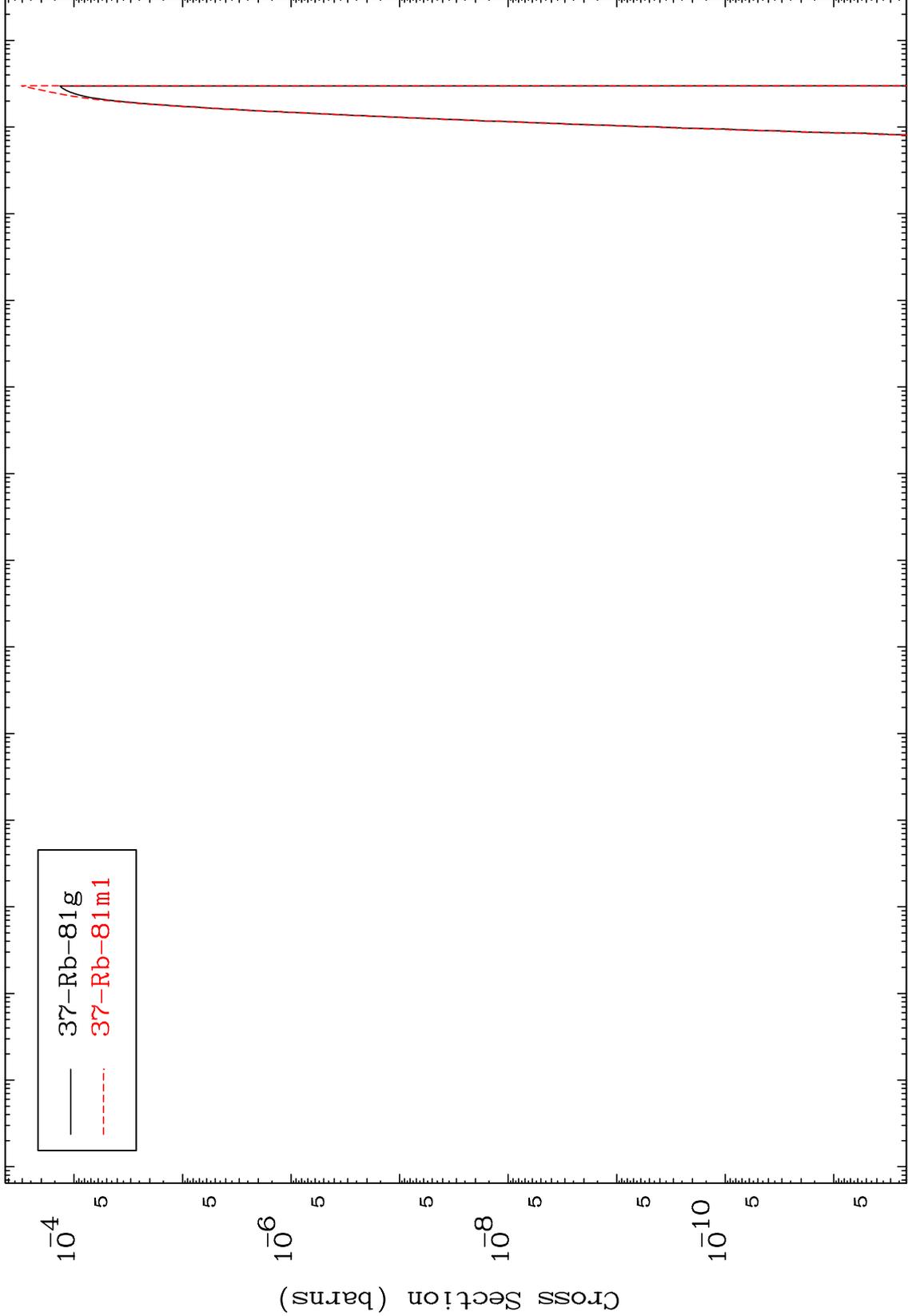


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(n,2α)

41-Nb-88

Radionuclide Production Cross Section



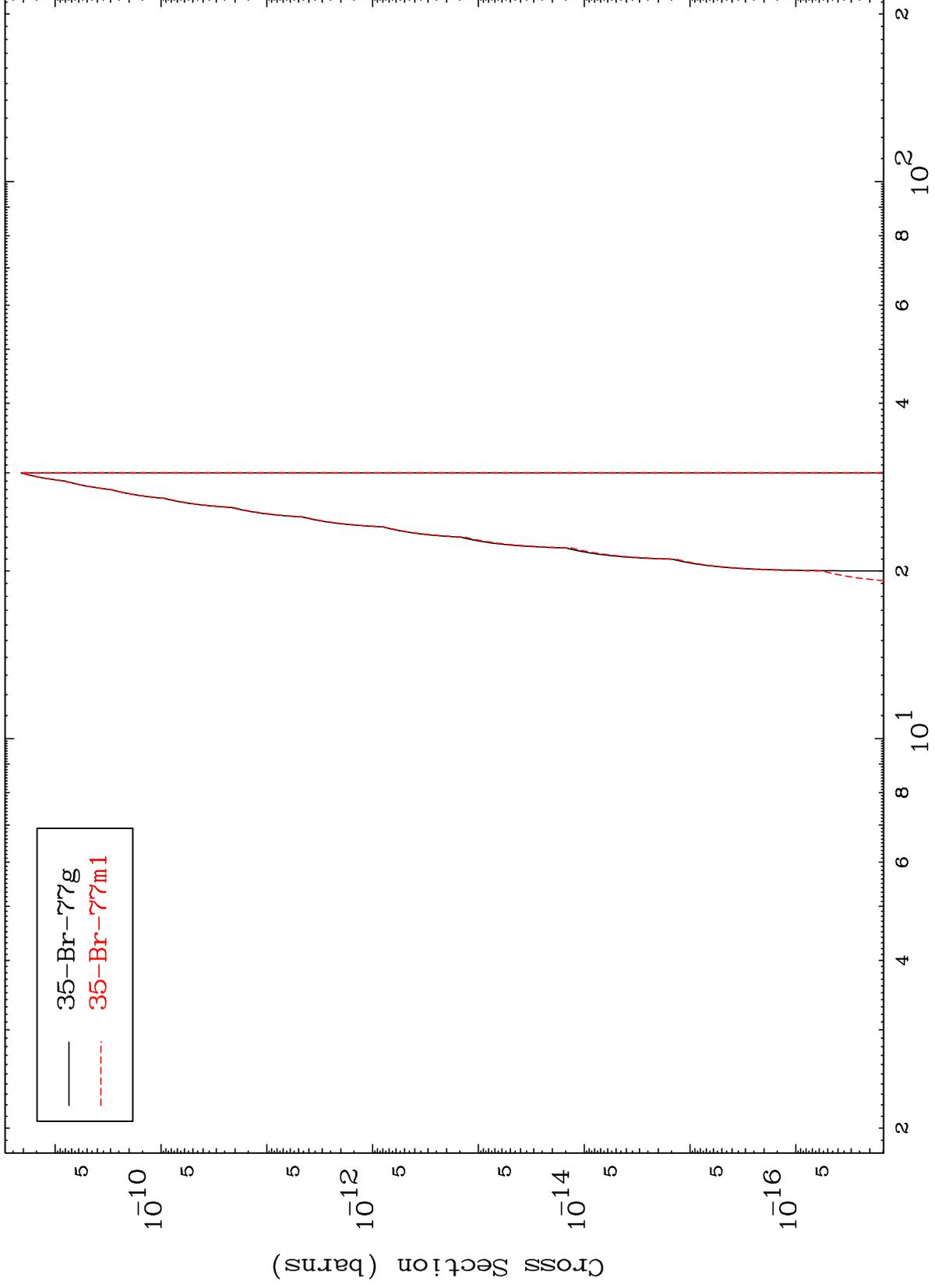
41-Nb-88
Incident Energy (MeV)

MAT 4111

(n, 3 α)

41-Nb-88

Radionuclide Production Cross Section



33

Incident Energy (MeV)

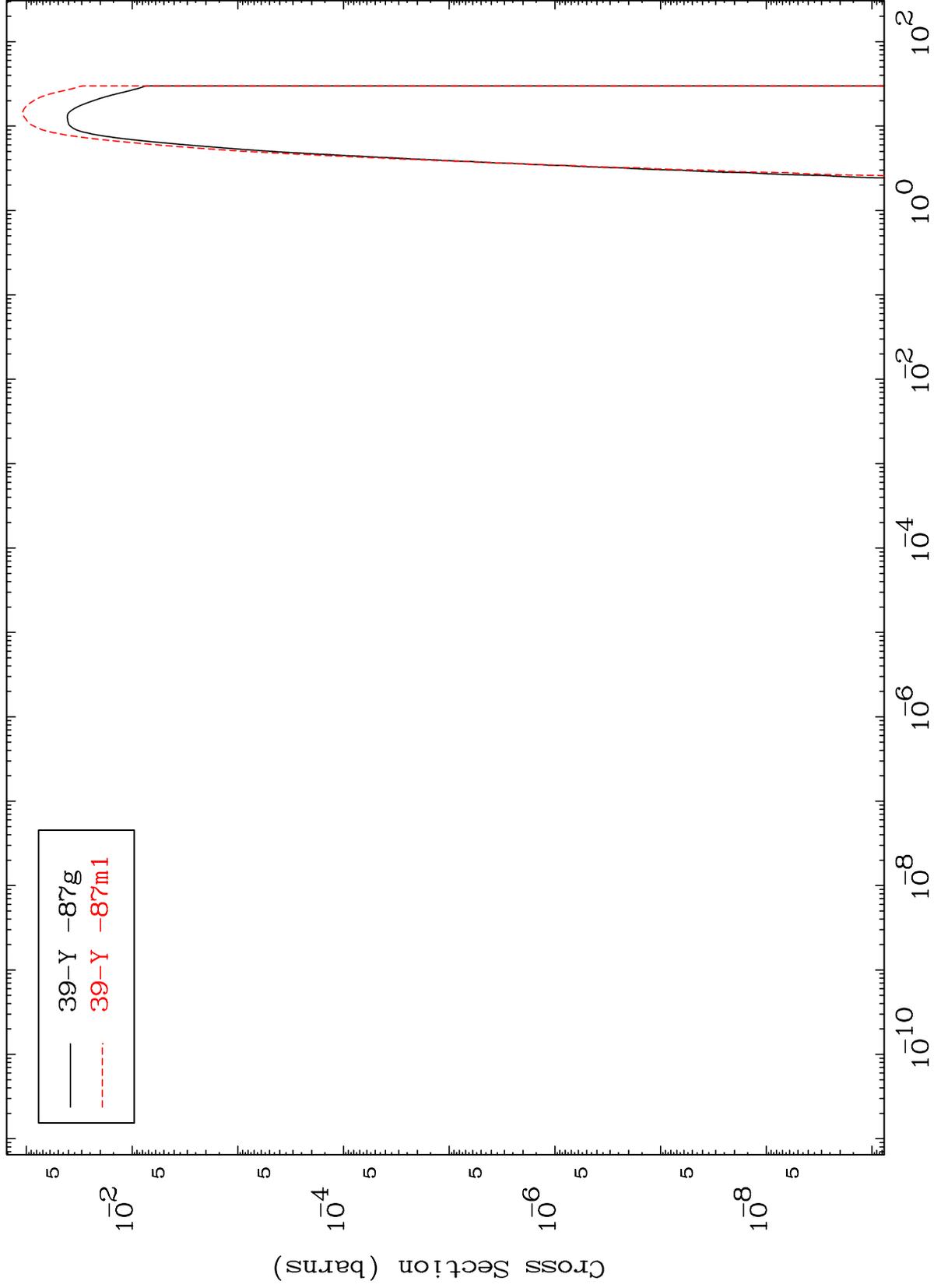
41-Nb-88

MAT 4111

(n,2p)

41-Nb-88

Radionuclide Production Cross Section



34

Incident Energy (MeV)

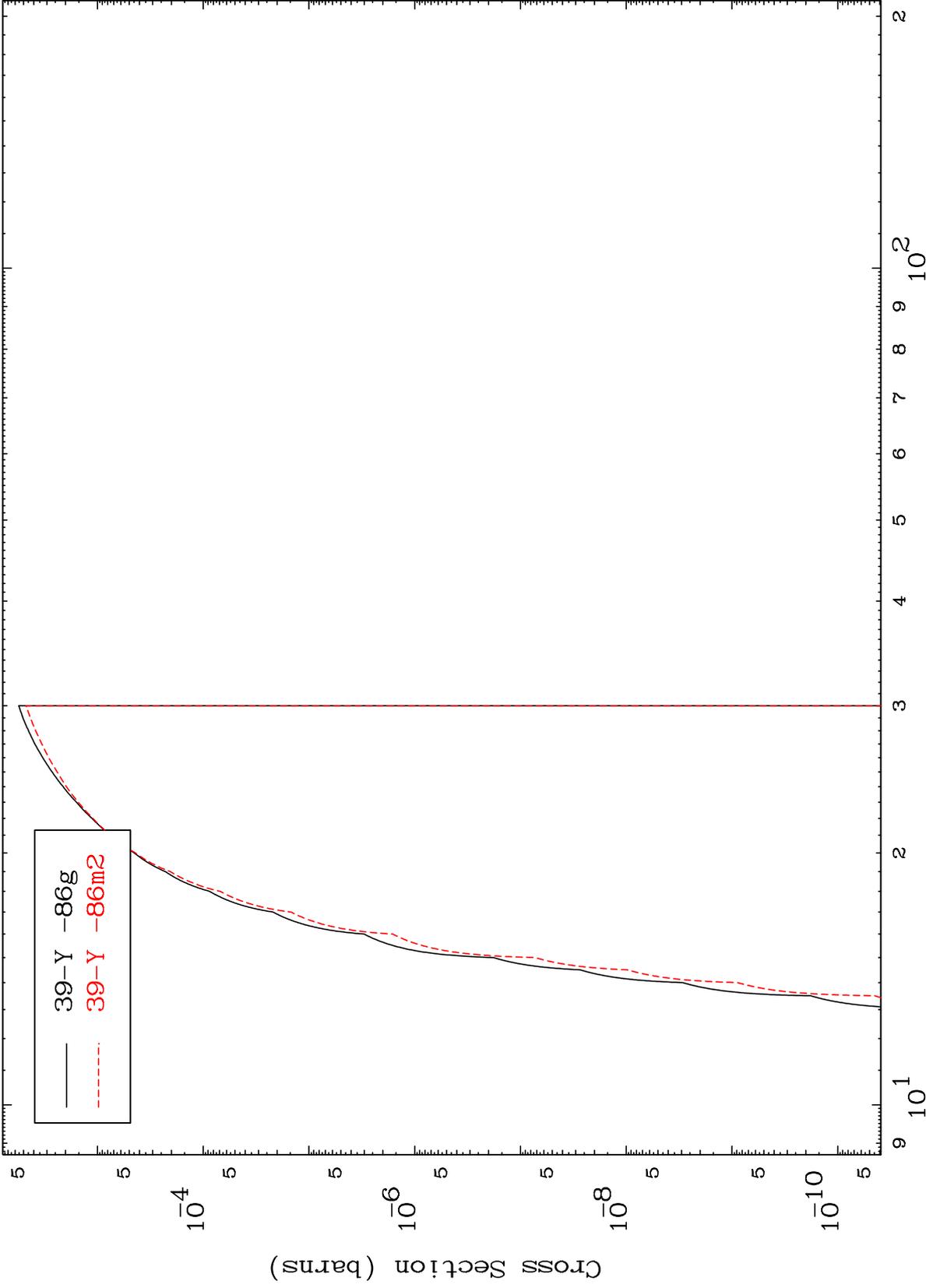
41-Nb-88

MAT 4111

(n,p) d

41-Nb-88

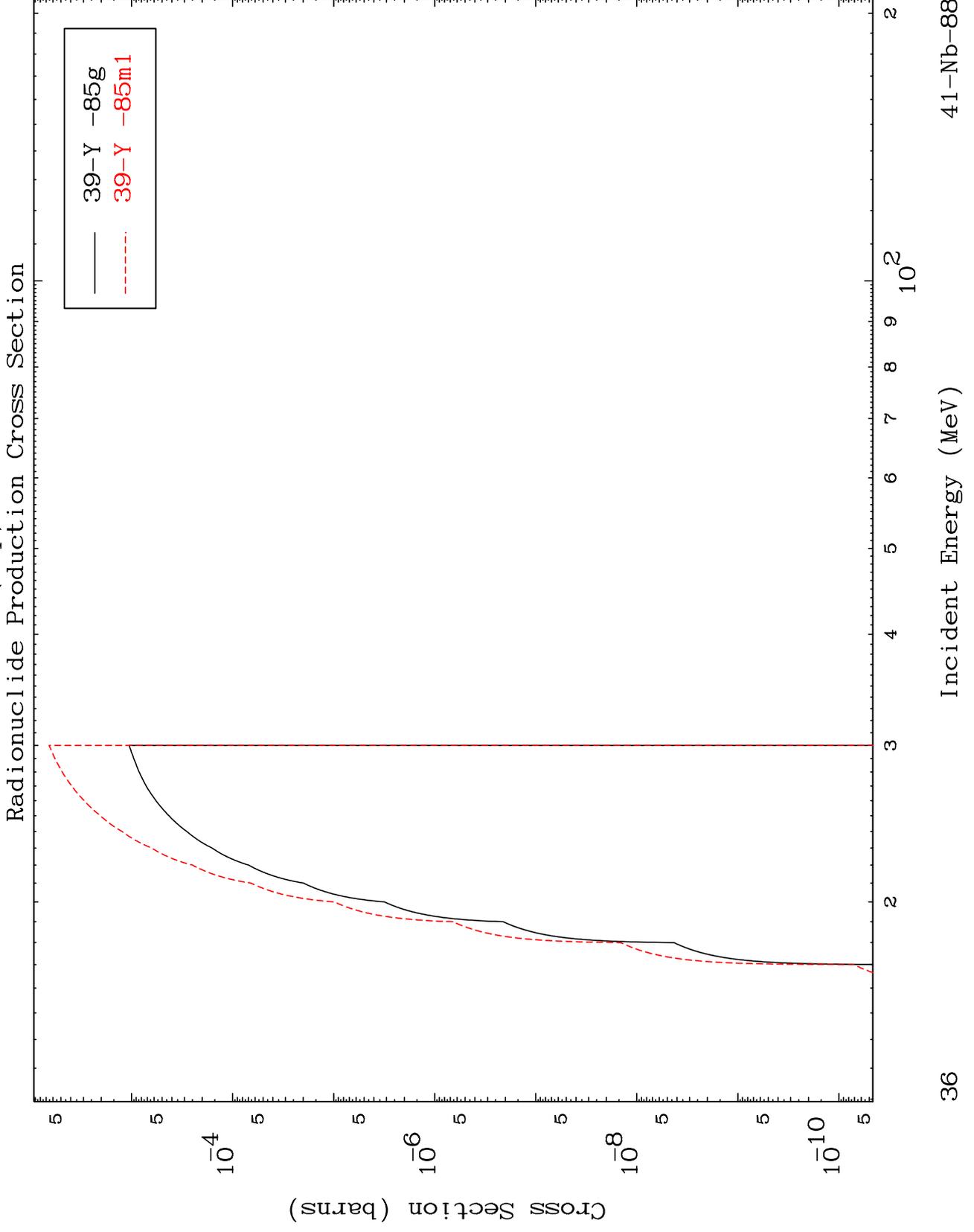
Radionuclide Production Cross Section



35

Incident Energy (MeV)

41-Nb-88

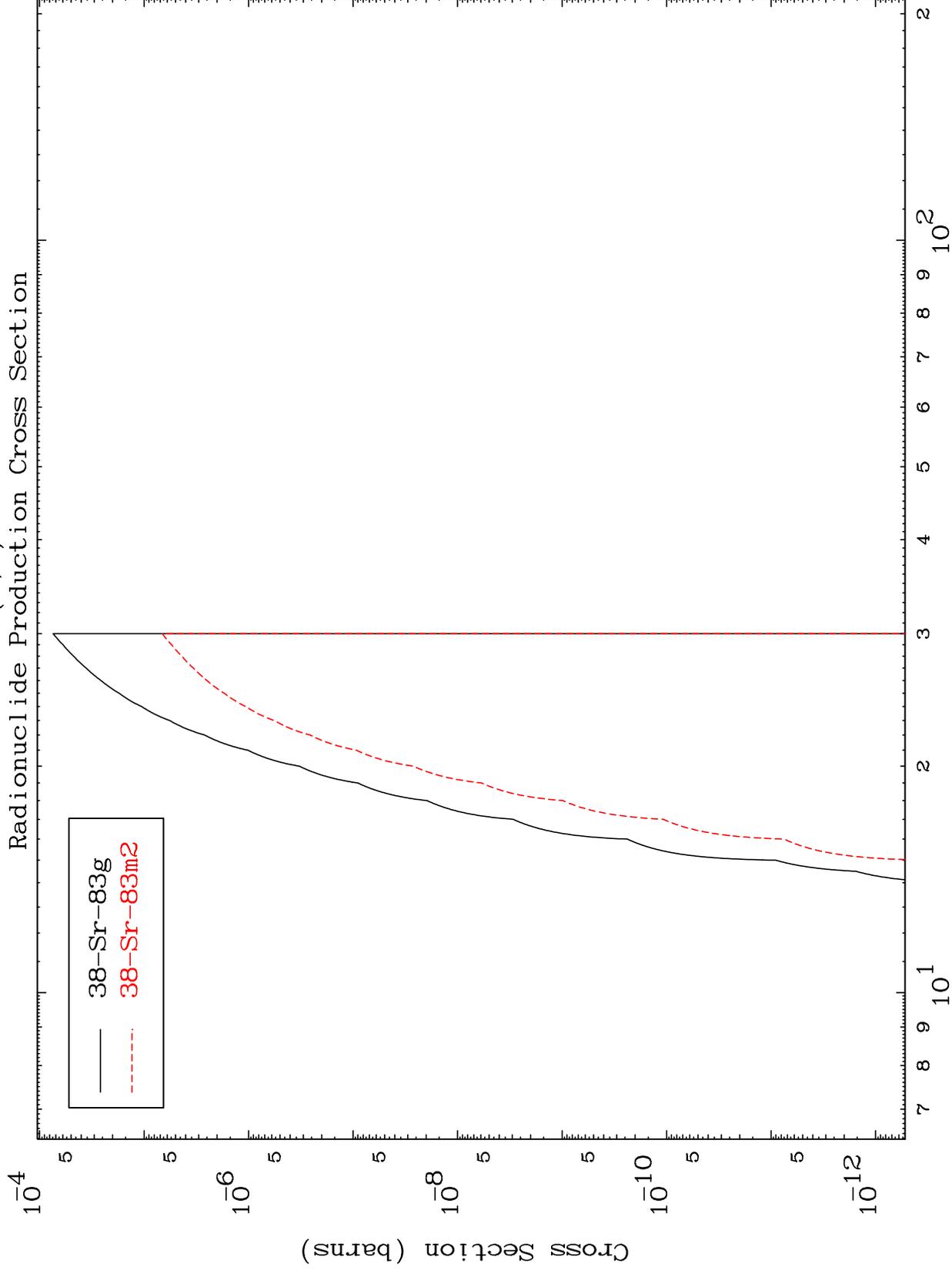


MAT 4111

41-Nb-88

(n,d) α

Radionuclide Production Cross Section



37

Incident Energy (MeV)

41-Nb-88