

Program EVALPLOT
(Version 2018-1)

by

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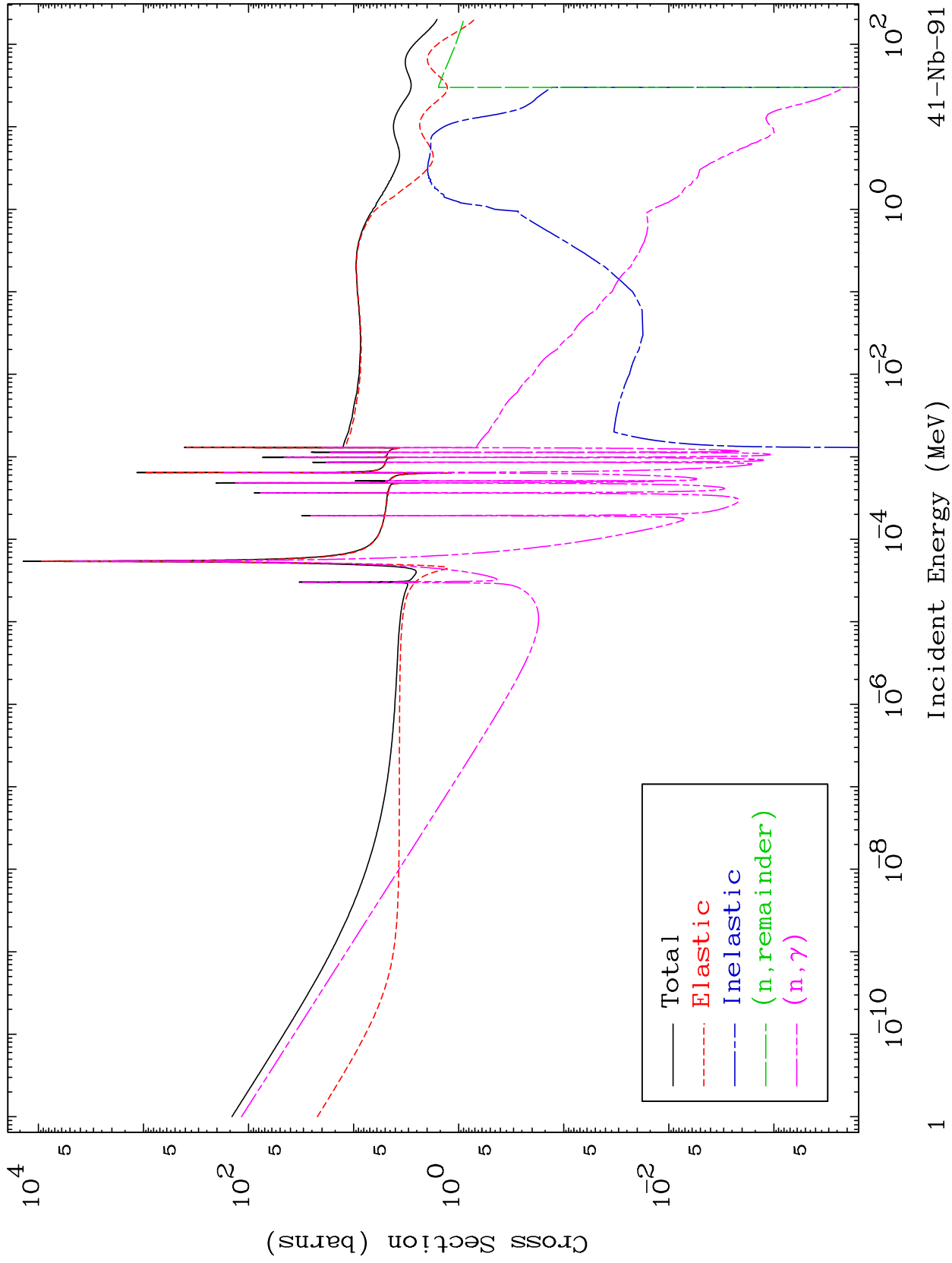
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4120

Major
293 Kelvin Cross Sections

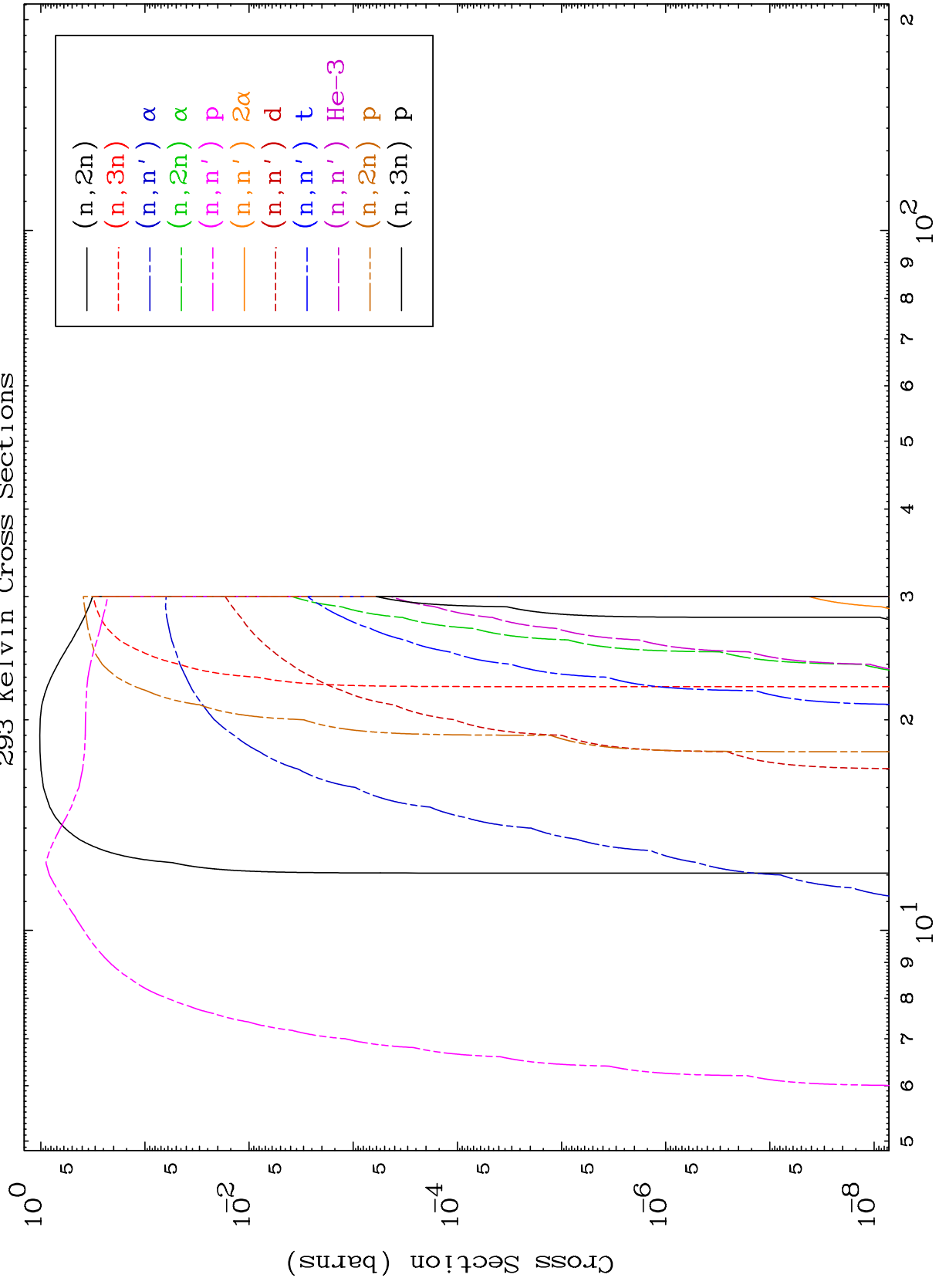
41-Nb-91



MAT 4120

Neutron Production
293 Kelvin Cross Sections

41-Nb-91



2

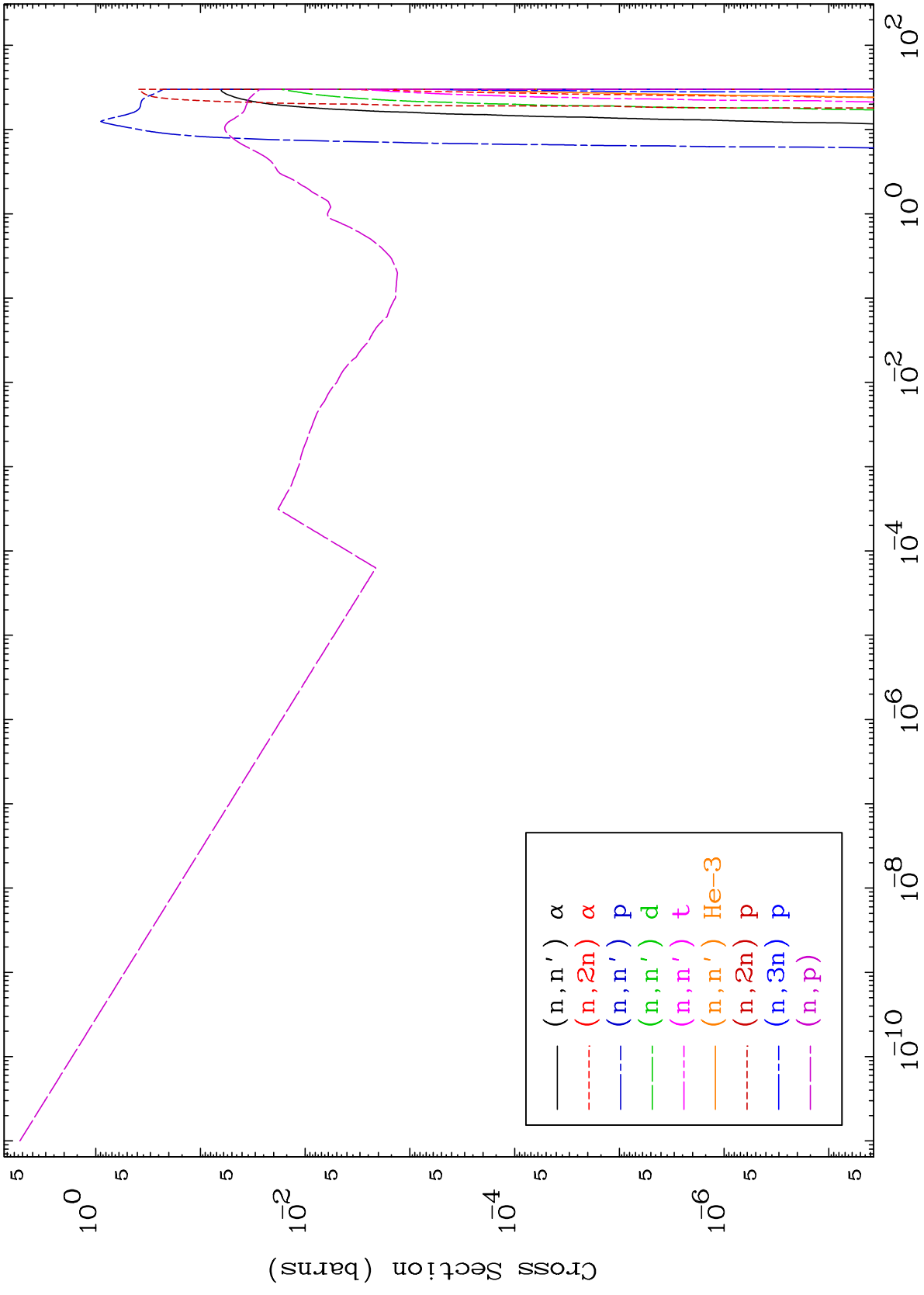
Incident Energy (MeV)

41-Nb-91

MAT 4120

Charged Particle
293 Kelvin Cross Sections

41-Nb-91

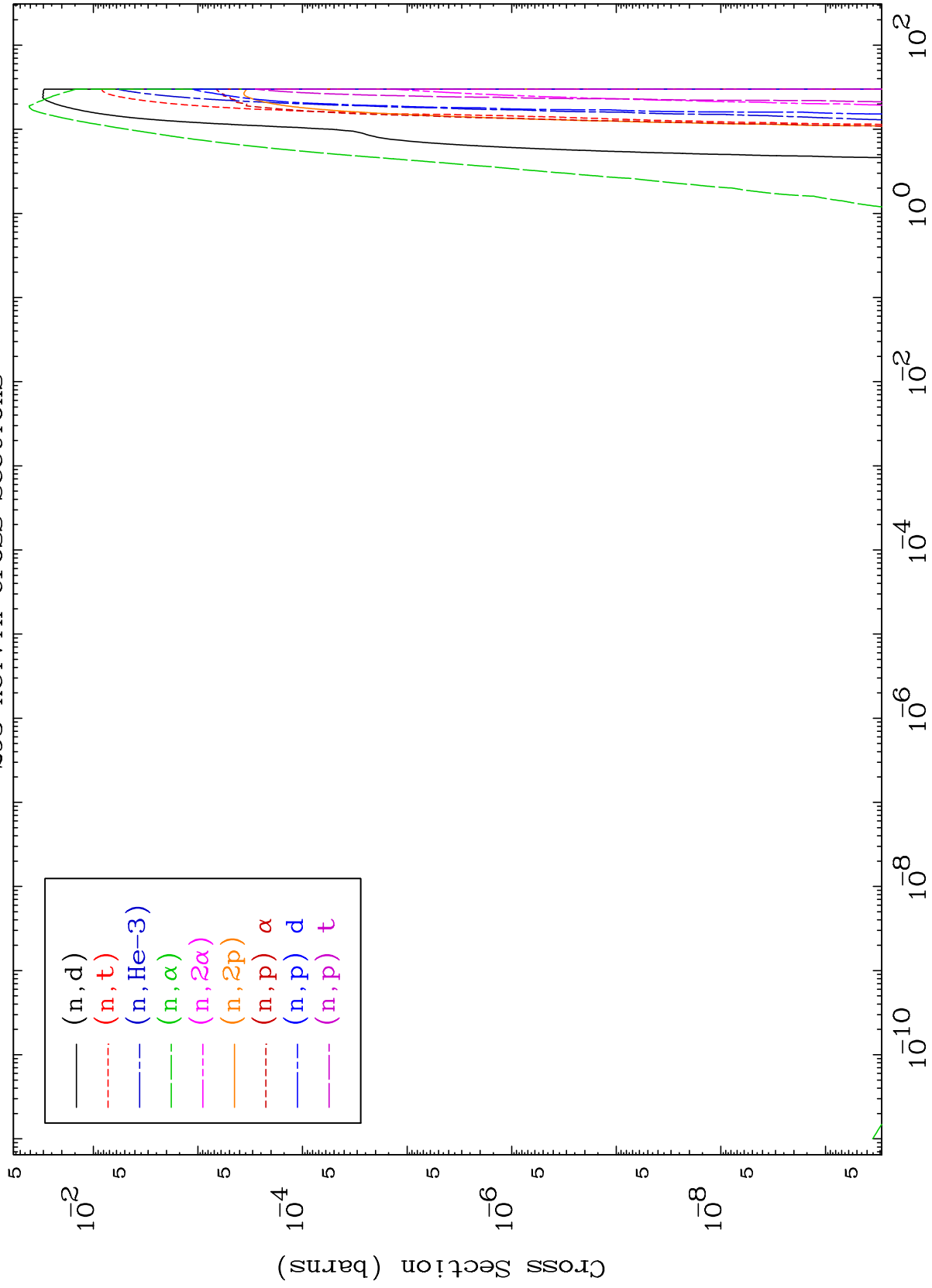


41-Nb-91

MAT 4120

Charged Particle
293 Kelvin Cross Sections

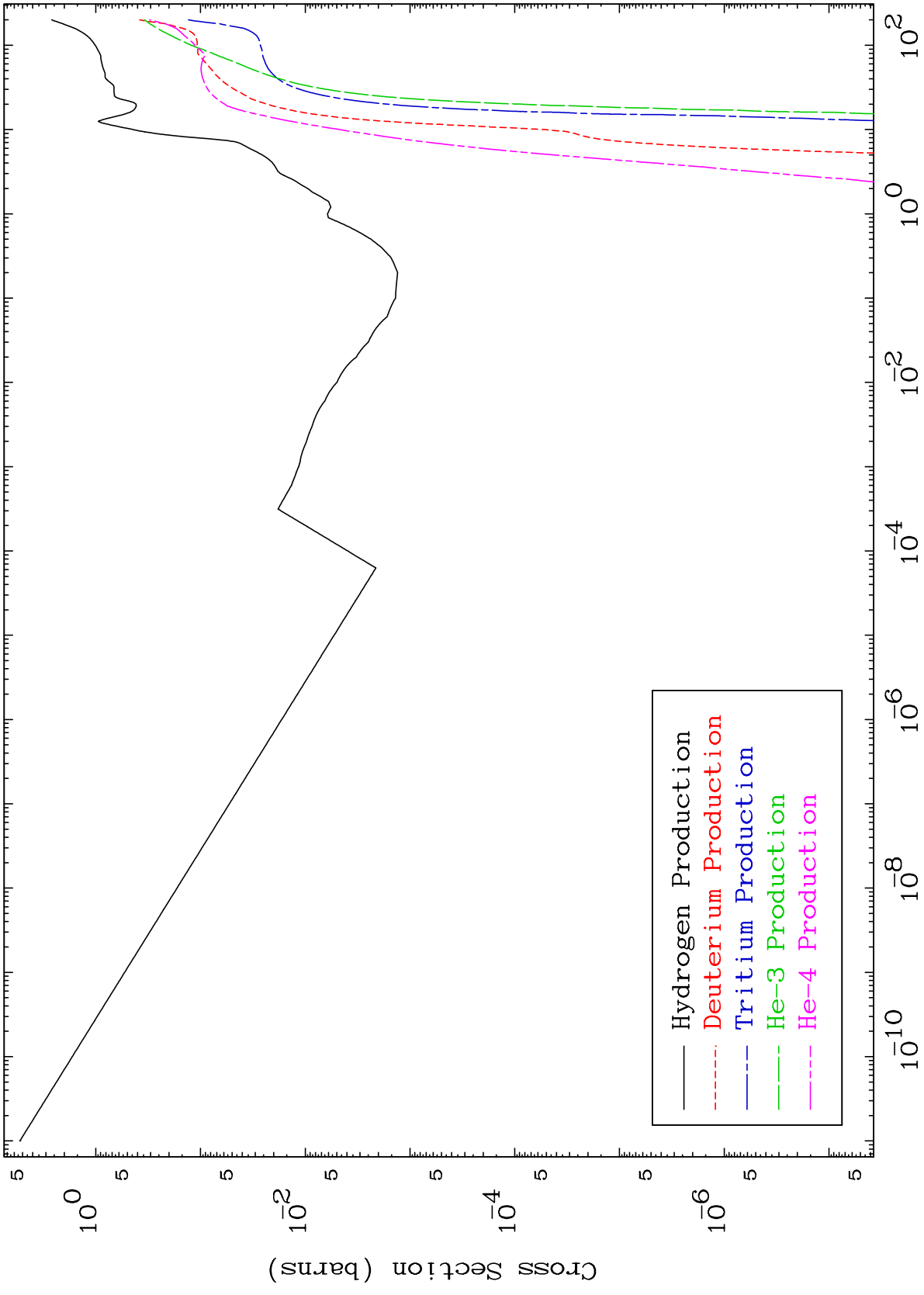
41-Nb-91



MAT 4120

Particle Production
293 Kelvin Cross Sections

41-Nb-91



5

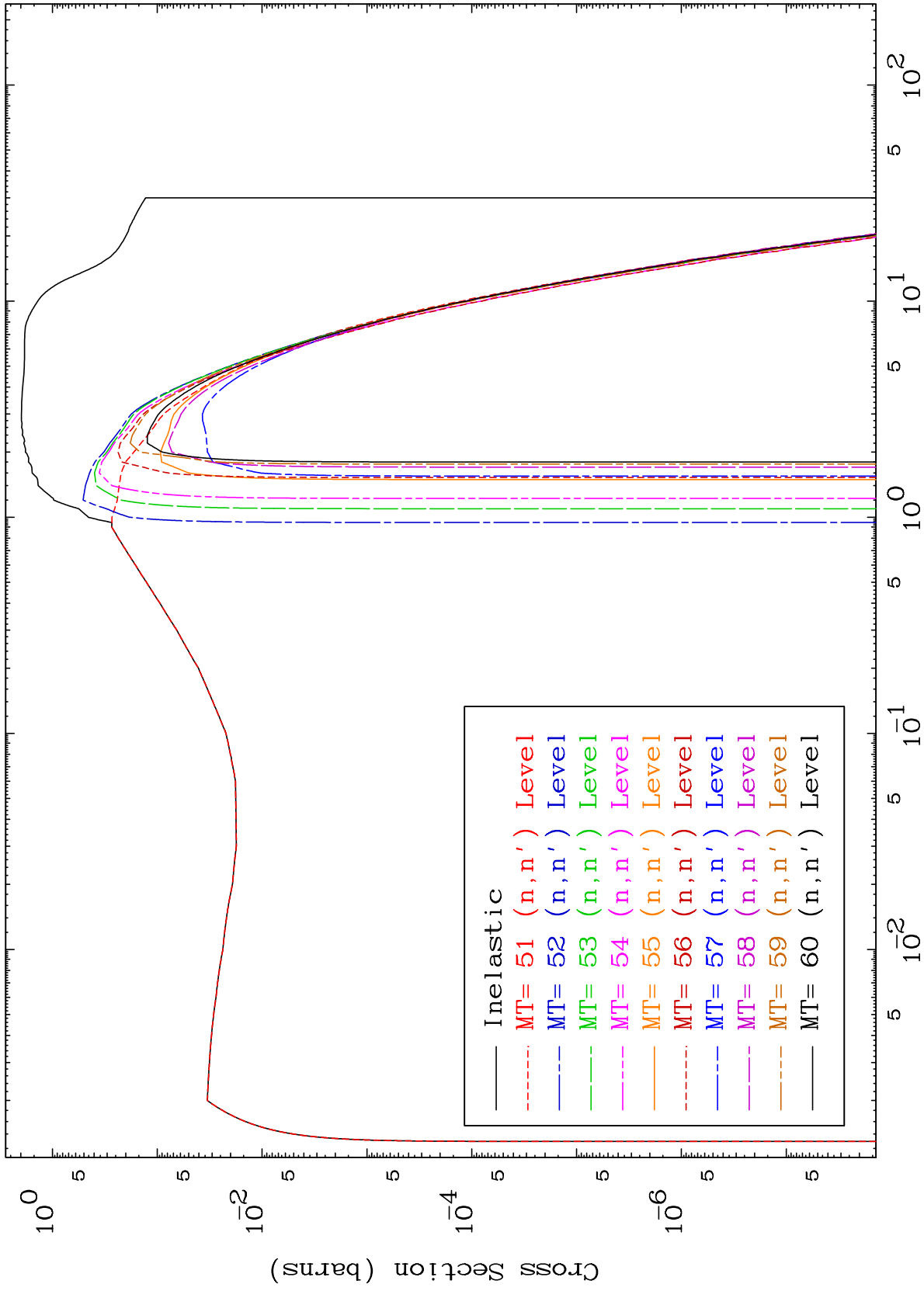
Incident Energy (MeV)

41-Nb-91

MAT 4120

(n,n') Level
293 Kelvin Cross Sections

41-Nb-91

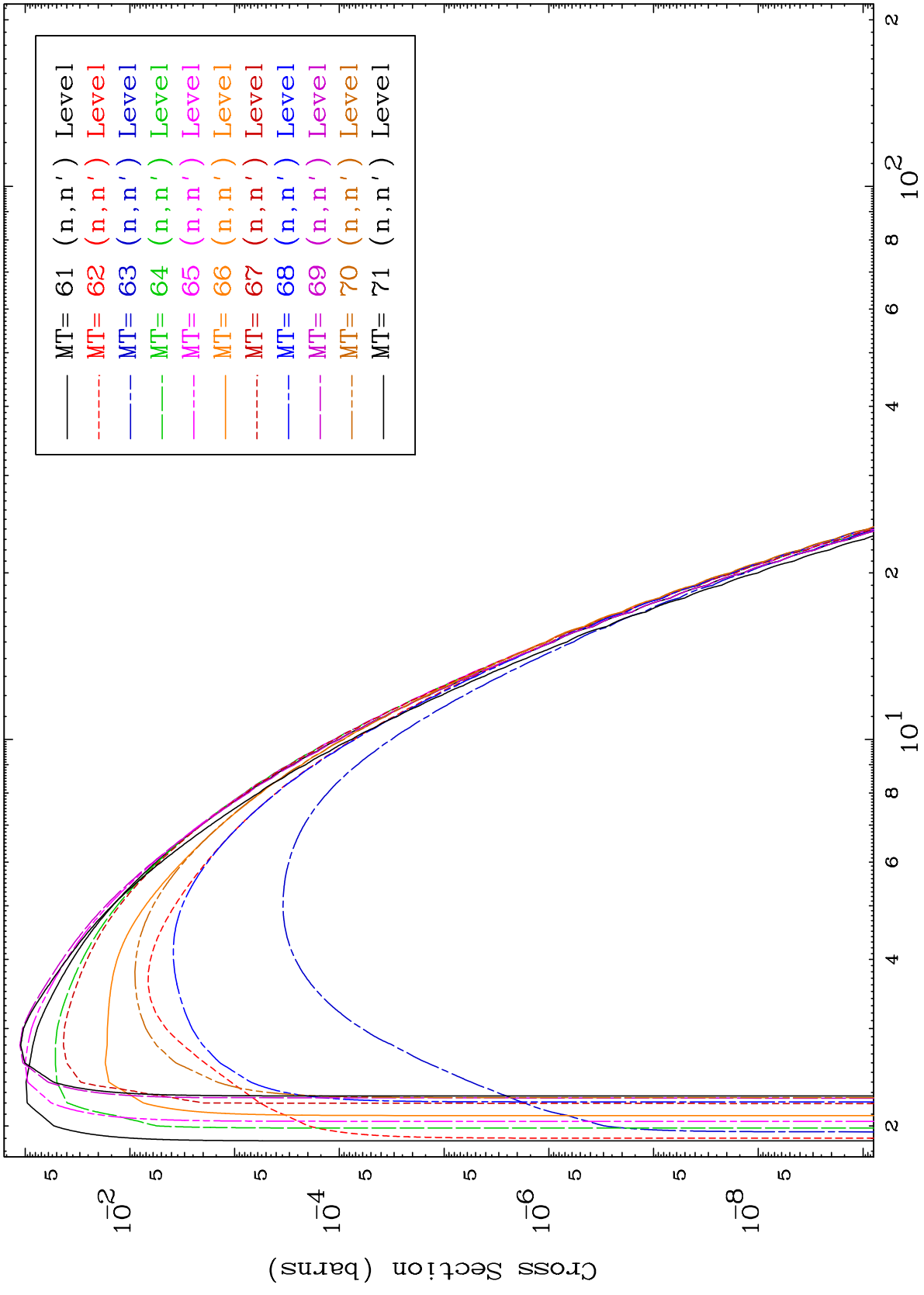


MAT 4120

(n,n') Level

41-Nb-91

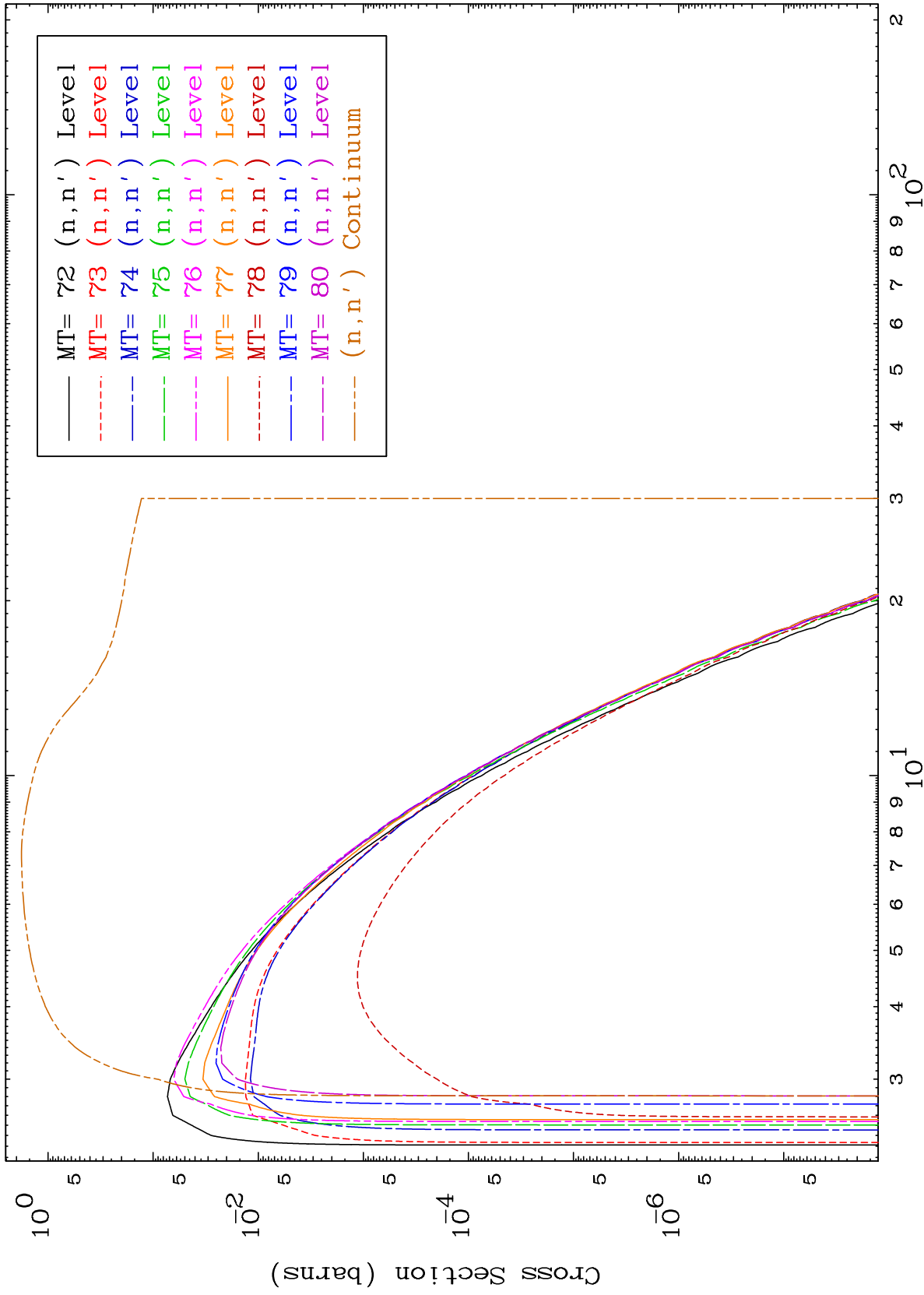
293 Kelvin Cross Sections



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Incident Energy (MeV)

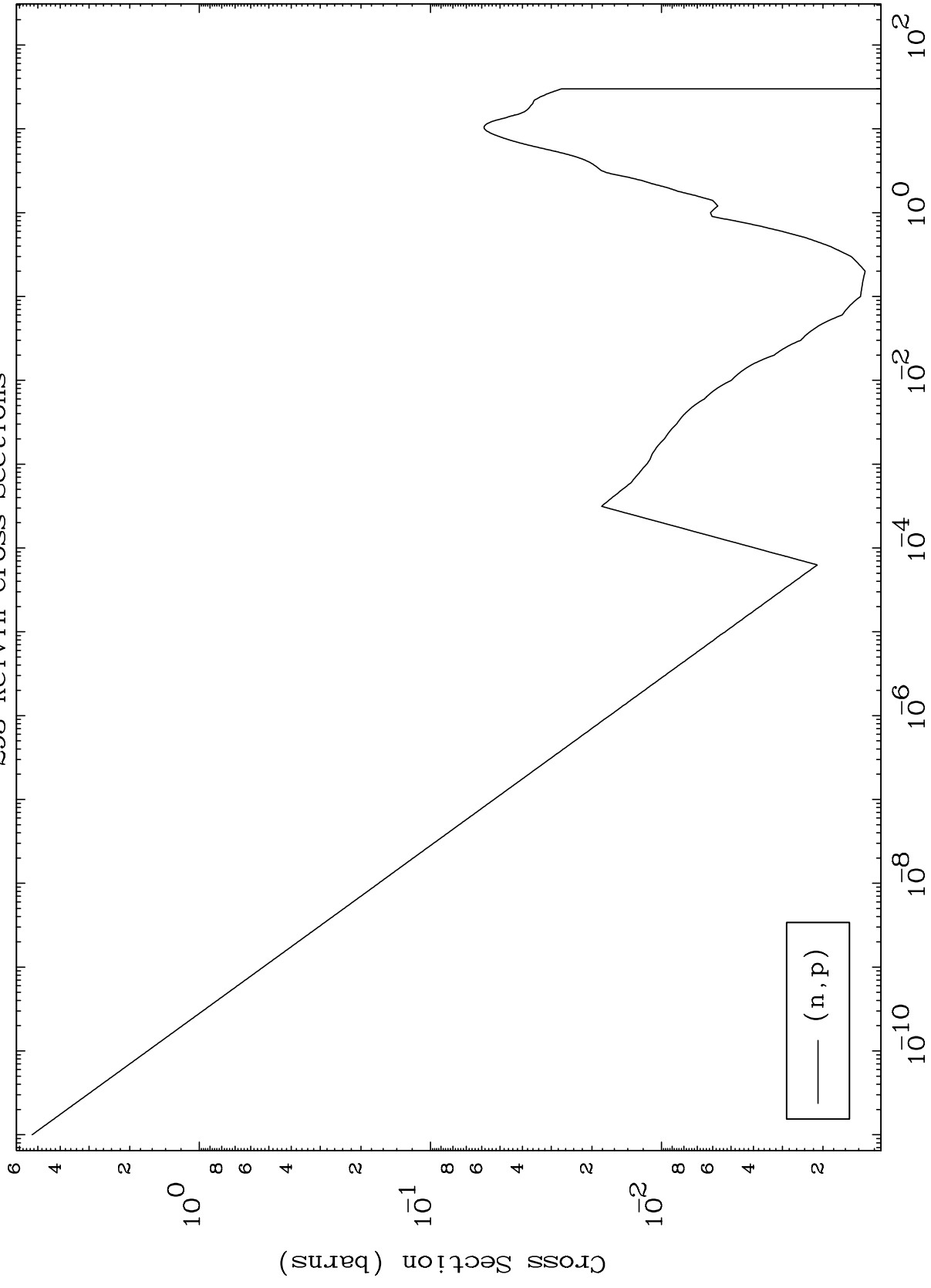
41-Nb-91



MAT 4120

(n,p) Levels
293 Kelvin Cross Sections

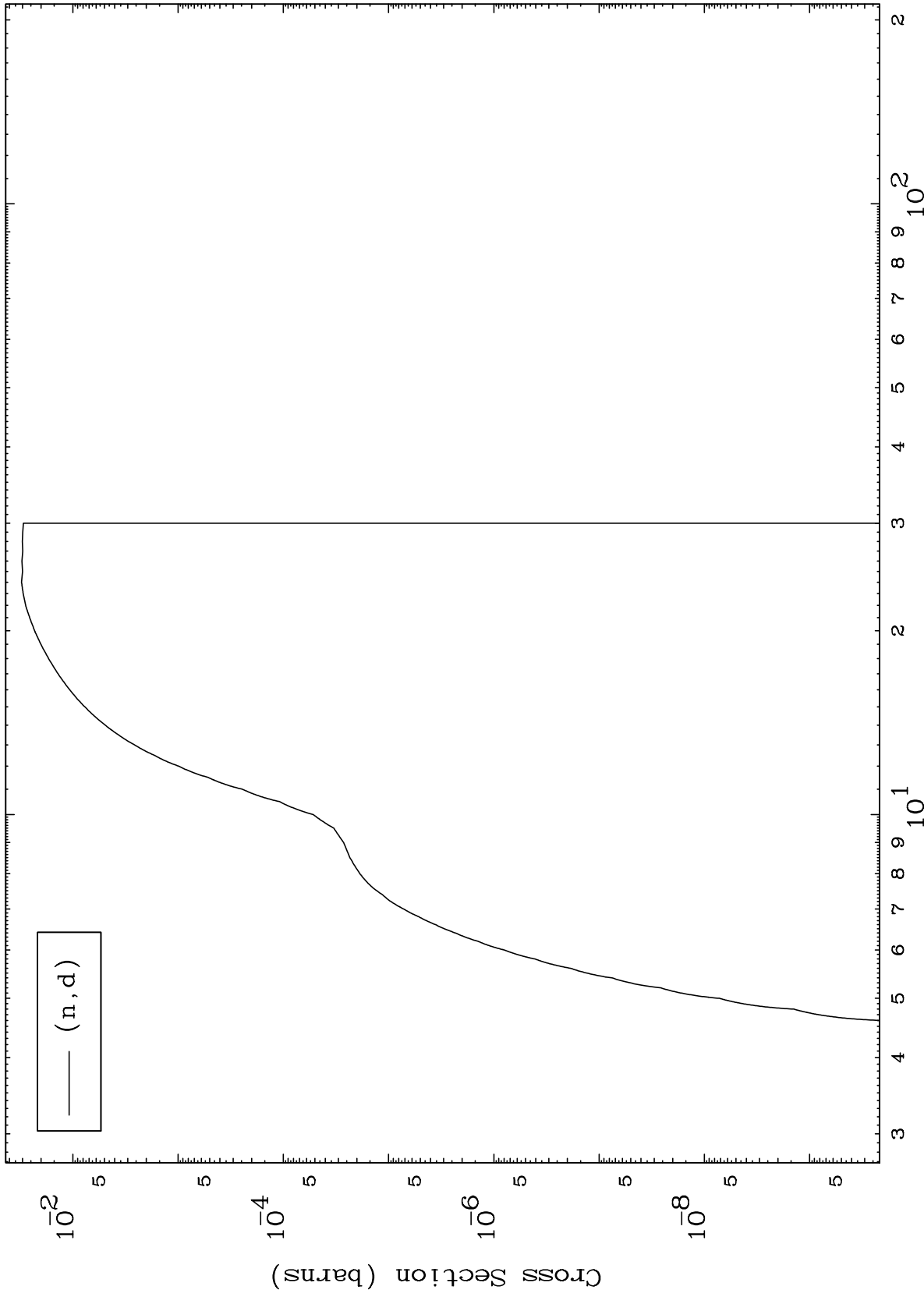
41-Nb-91



MAT 4120

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-91



— (n, d)

10

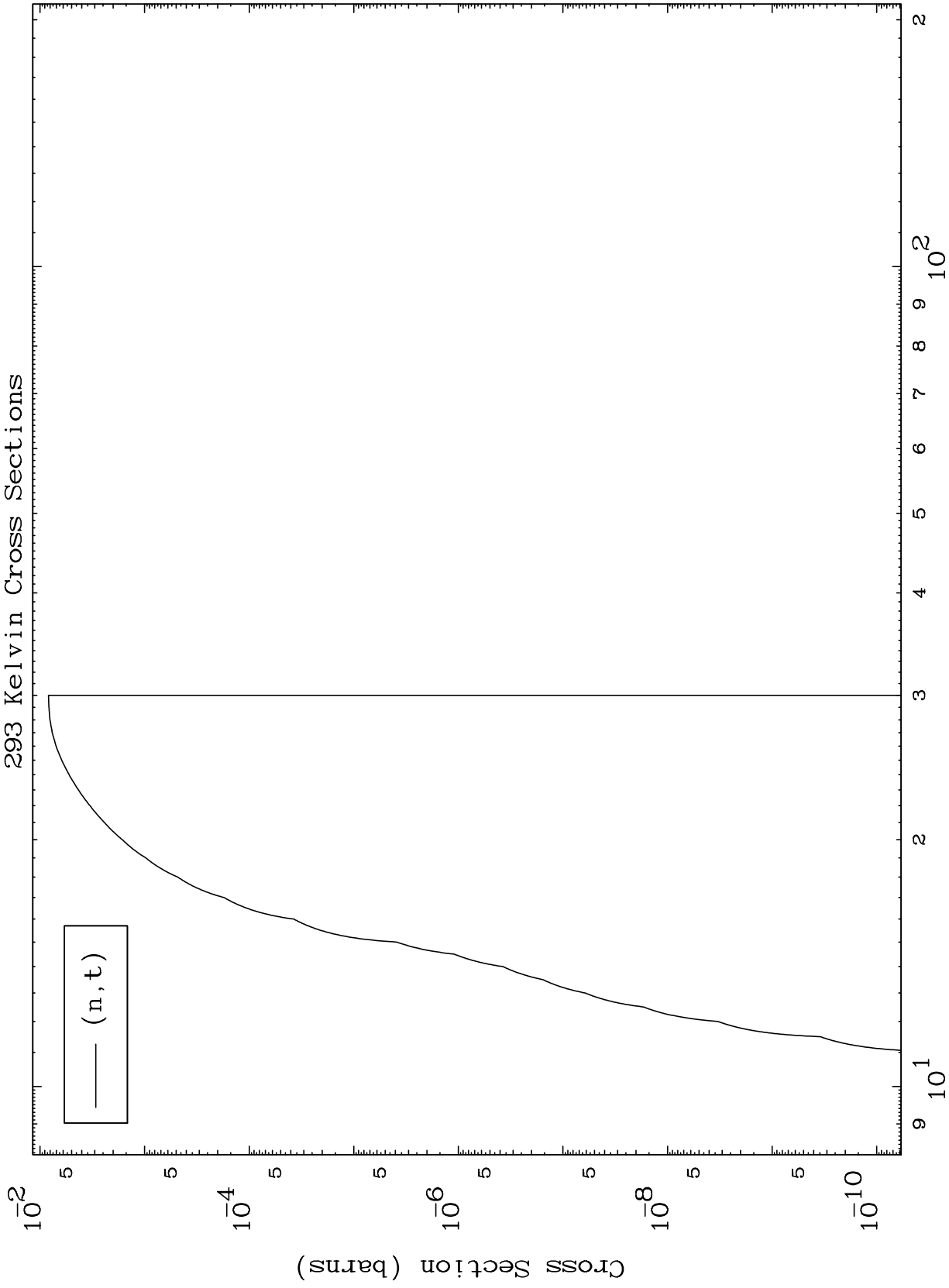
Incident Energy (MeV)

41-Nb-91

MAT 4120

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-91



11

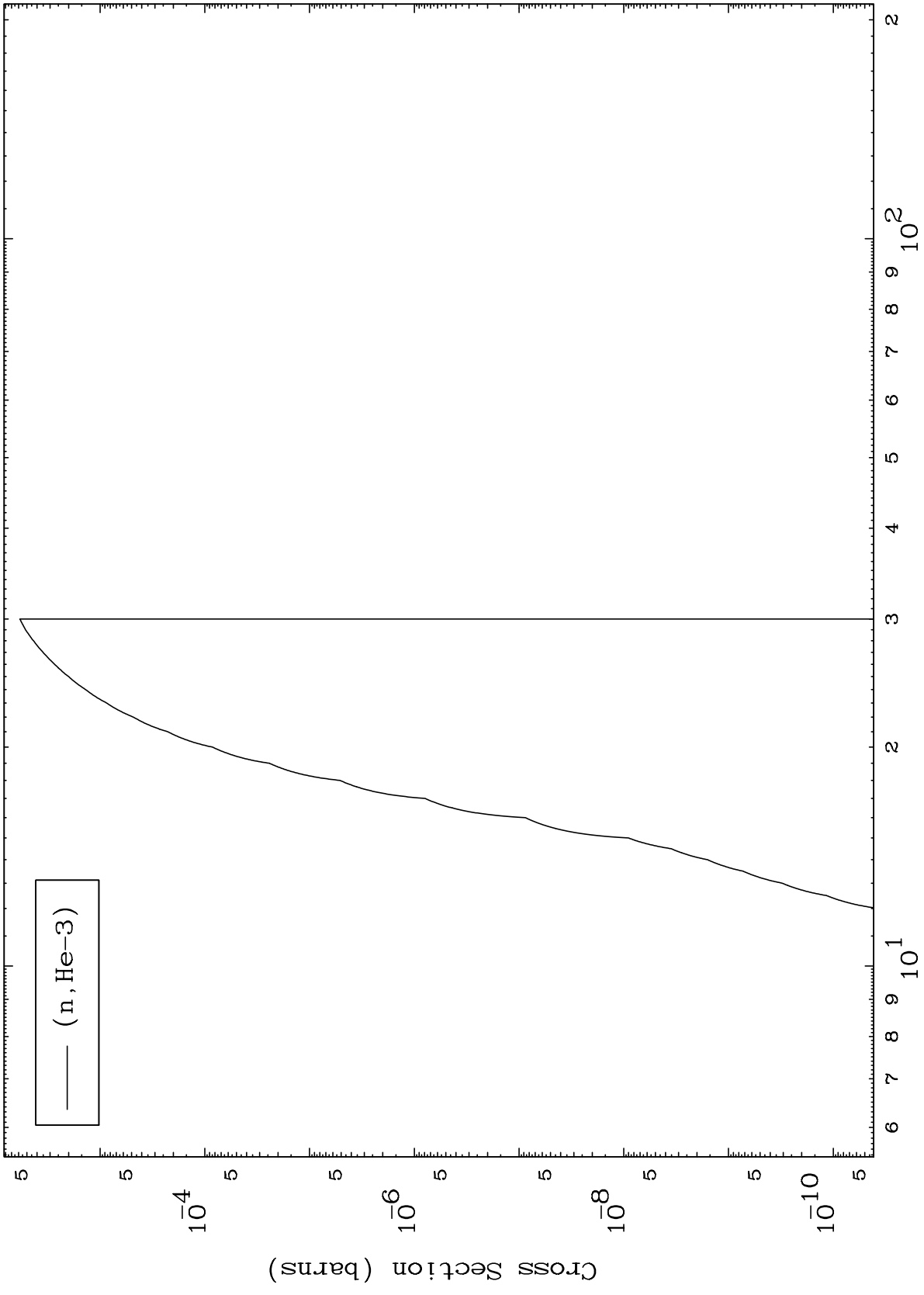
Incident Energy (MeV)

41-Nb-91

MAT 4120

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-91



12

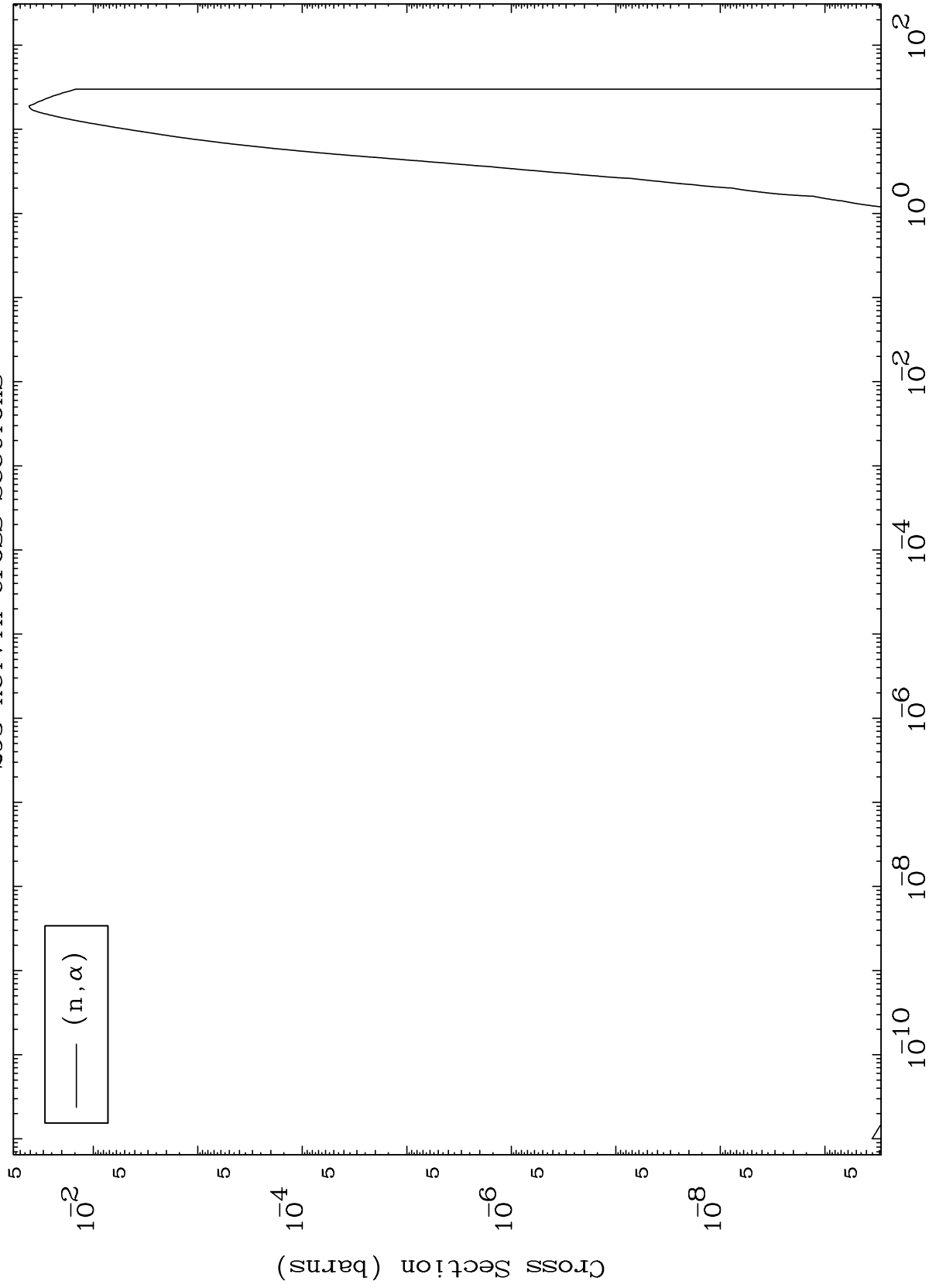
Incident Energy (MeV)

41-Nb-91

MAT 4120

(n,α) Levels
293 Kelvin Cross Sections

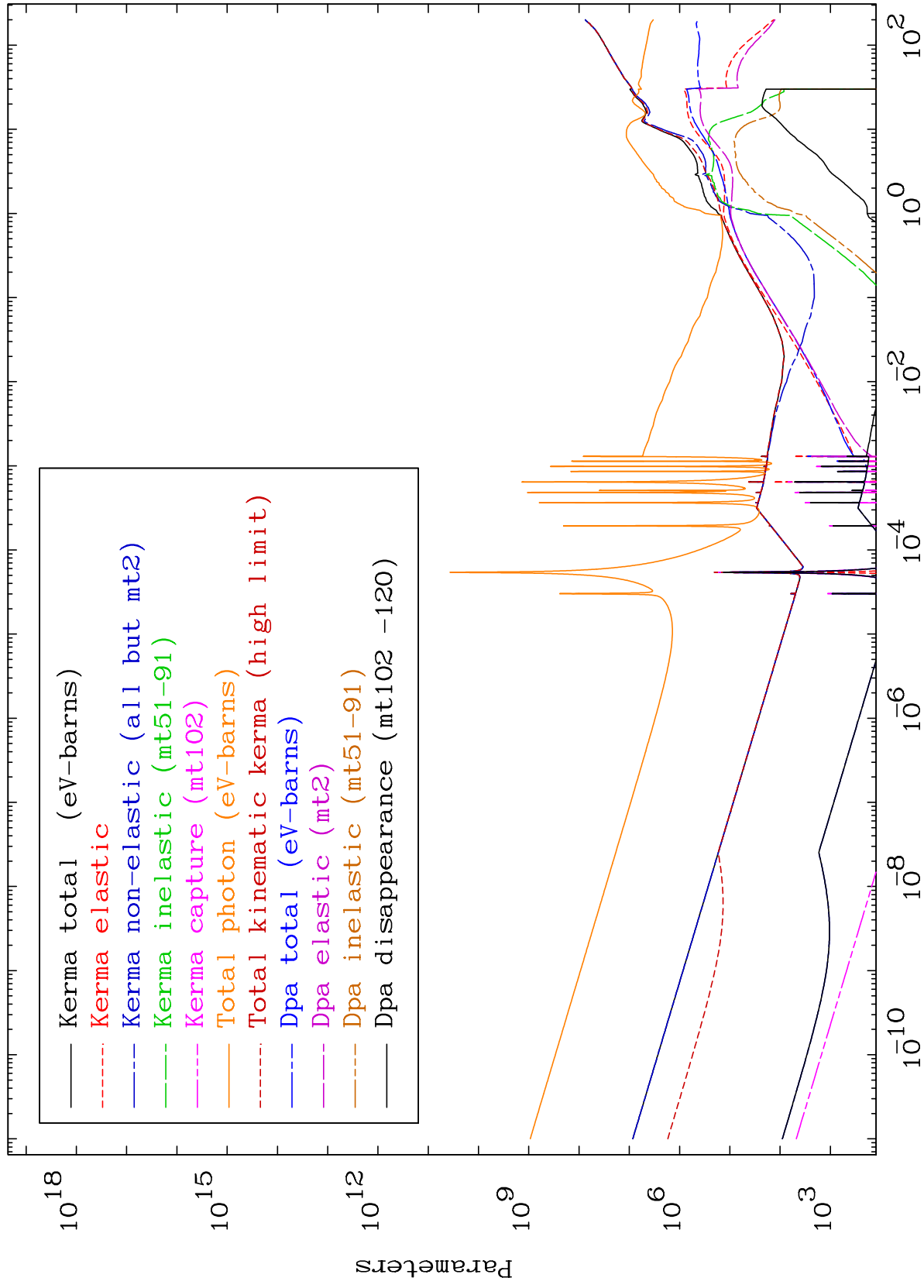
41-Nb-91



13

Incident Energy (MeV)

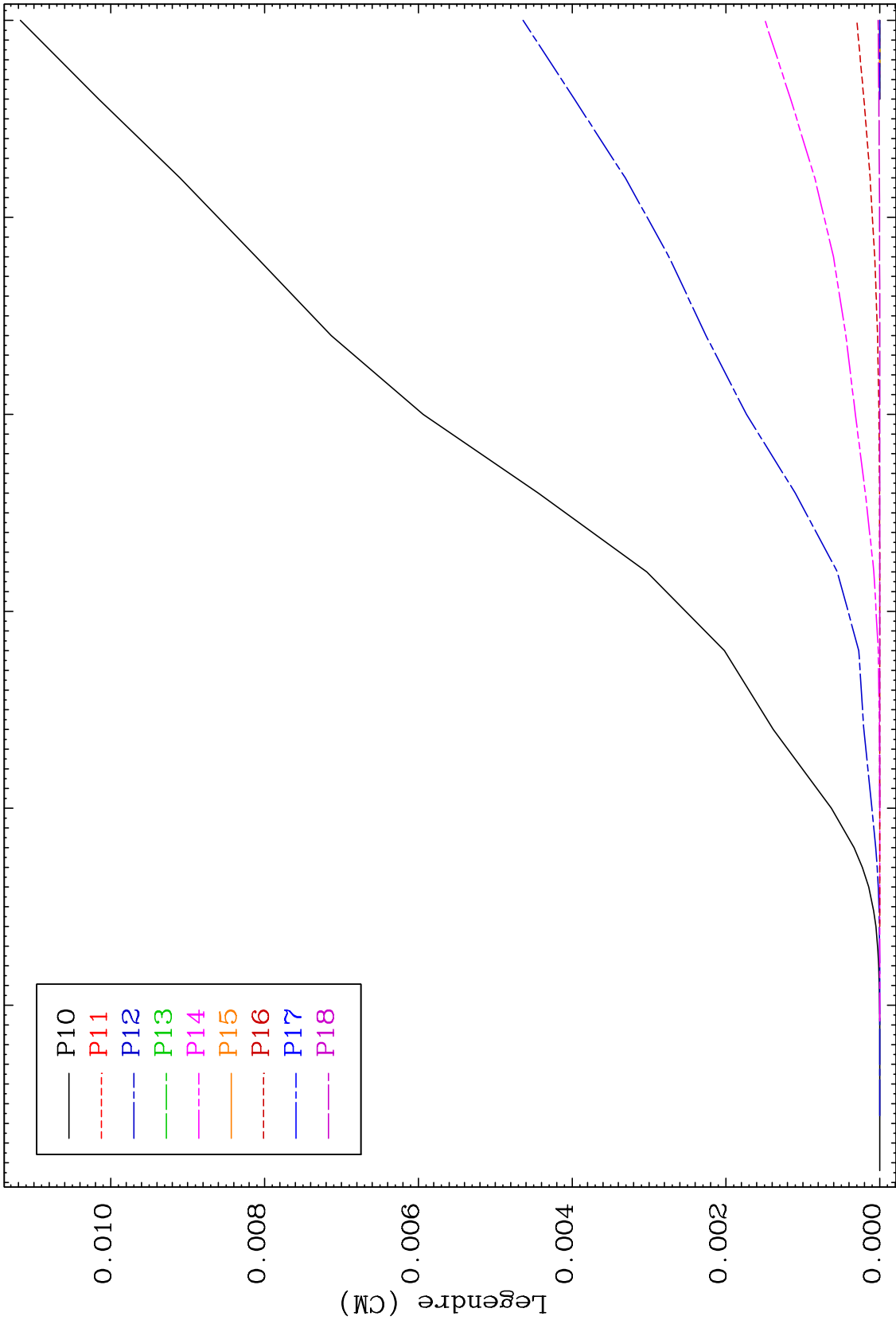
41-Nb-91



MAT 4120

Elastic Legendre Coefficients

41-Nb-91



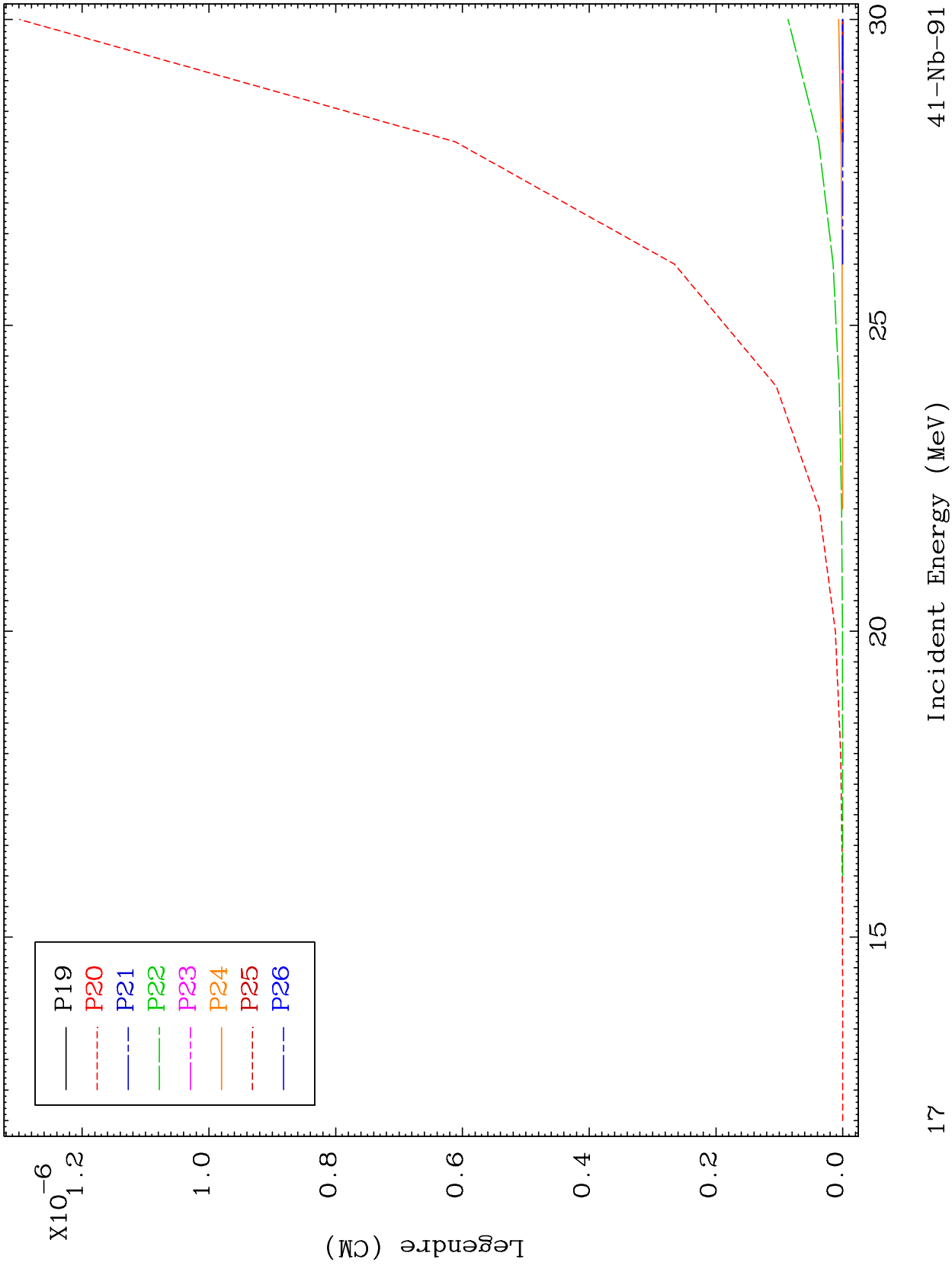
16

41-Nb-91

MAT 4120

Elastic Legendre Coefficients

41-Nb-91



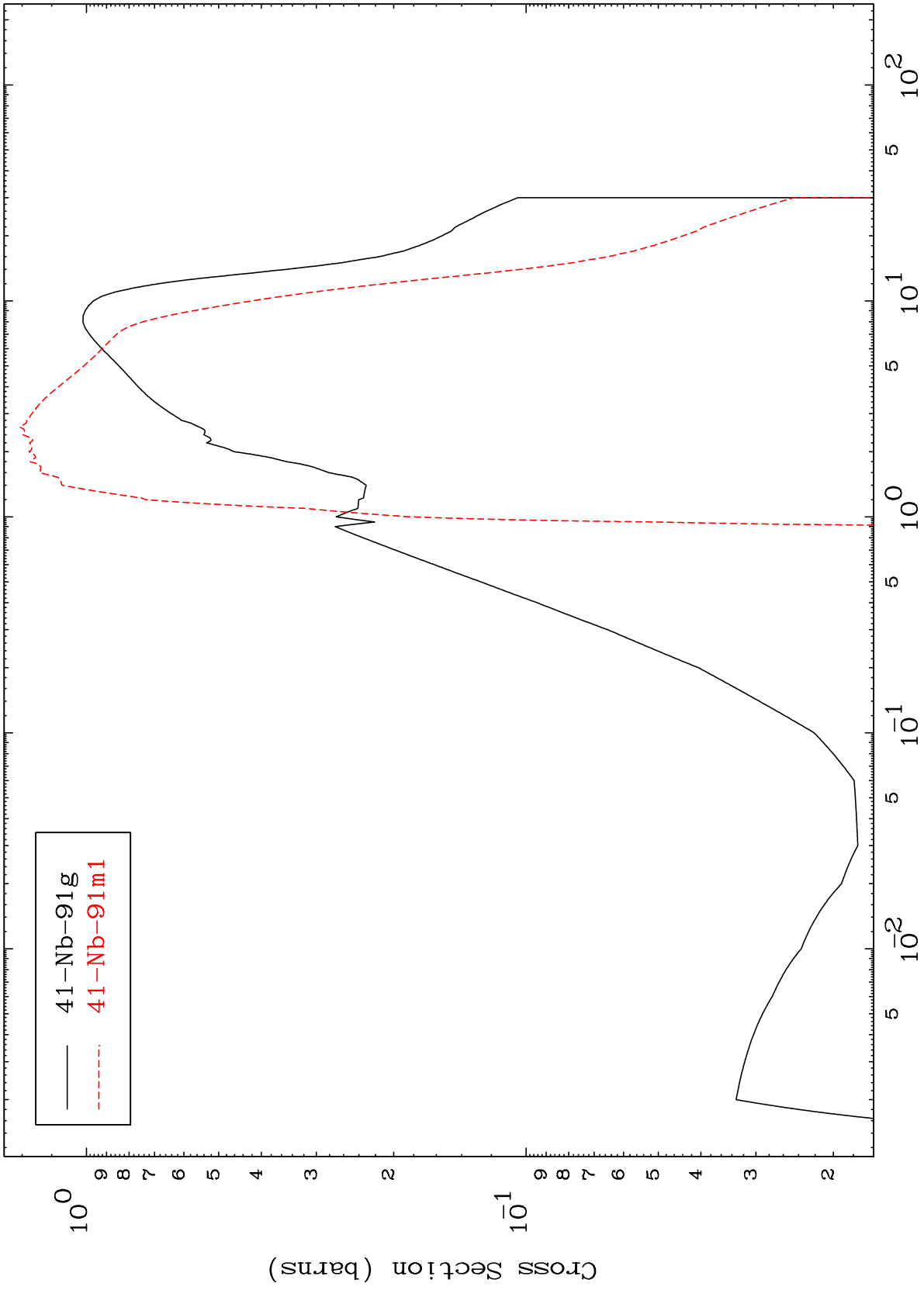
17

41-Nb-91

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Inelastic
Radionuclide Production Cross Section

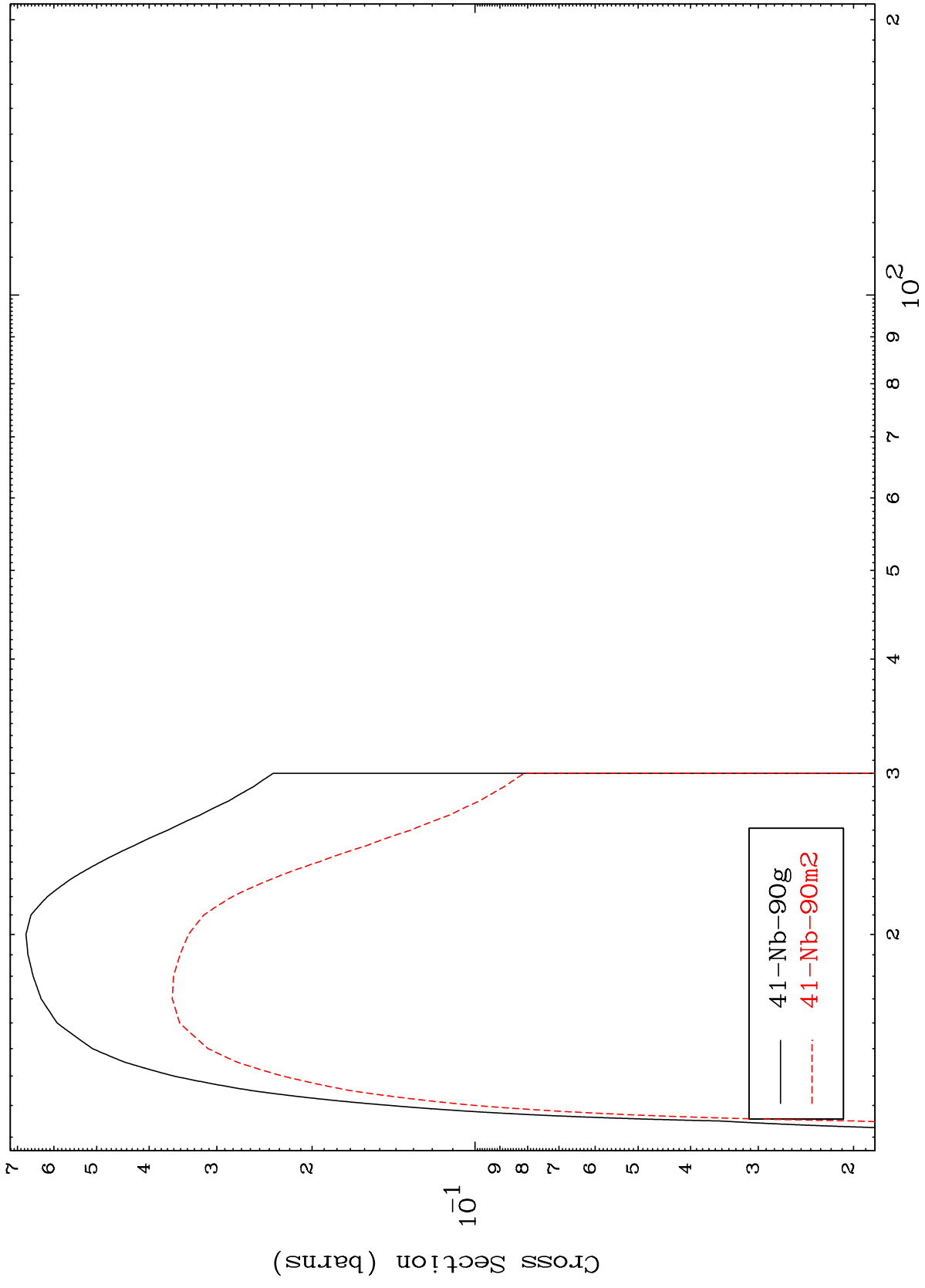
41-Nb-91



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41-Nb-91

(n,2n)
Radionuclide Production Cross Section



19

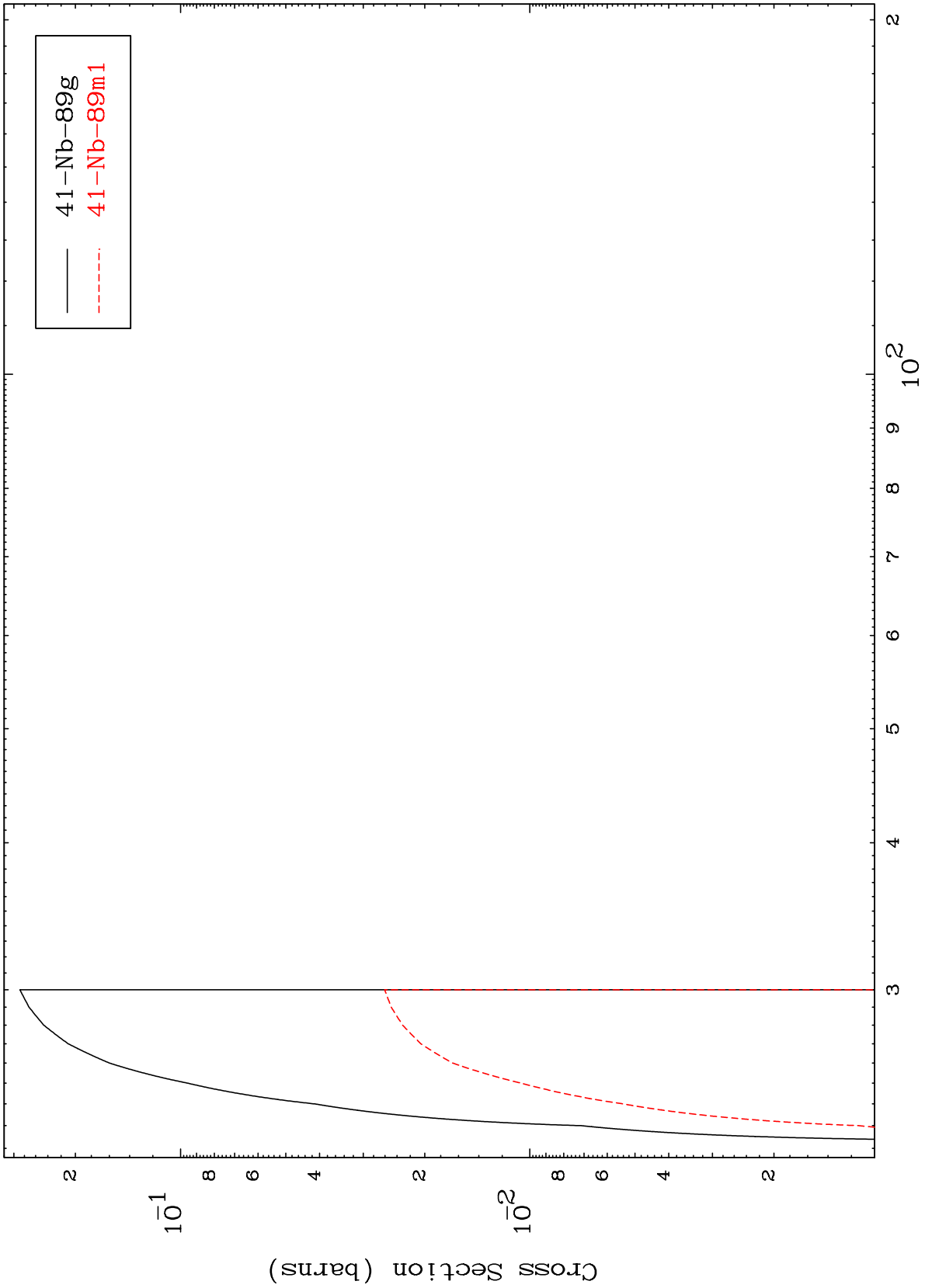
41-Nb-91

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(n,3n)

41-Nb-91

Radionuclide Production Cross Section



20

Incident Energy (MeV)

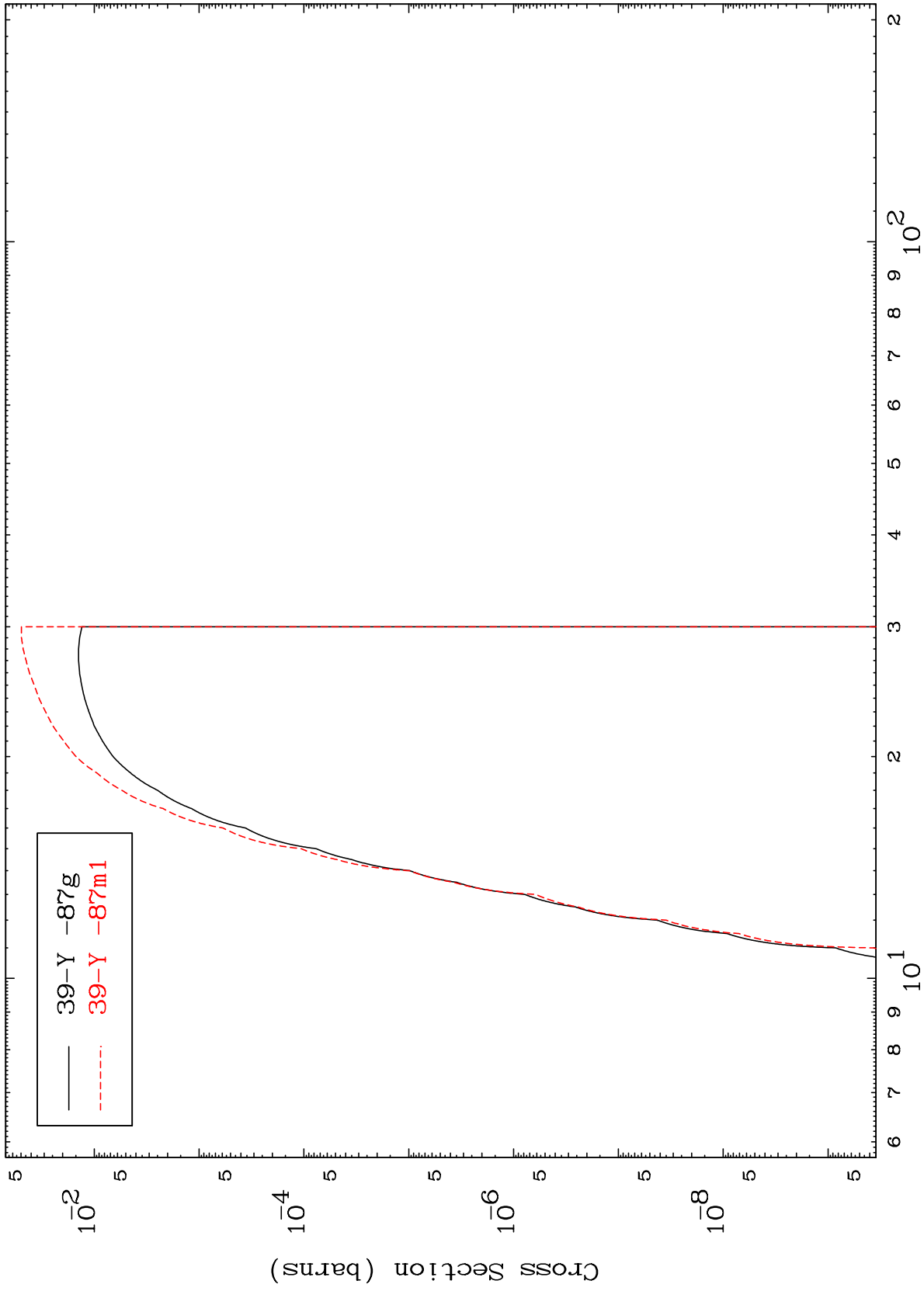
41-Nb-91

MAT 4120

(n,n') α

41-Nb-91

Radionuclide Production Cross Section



21

Incident Energy (MeV)

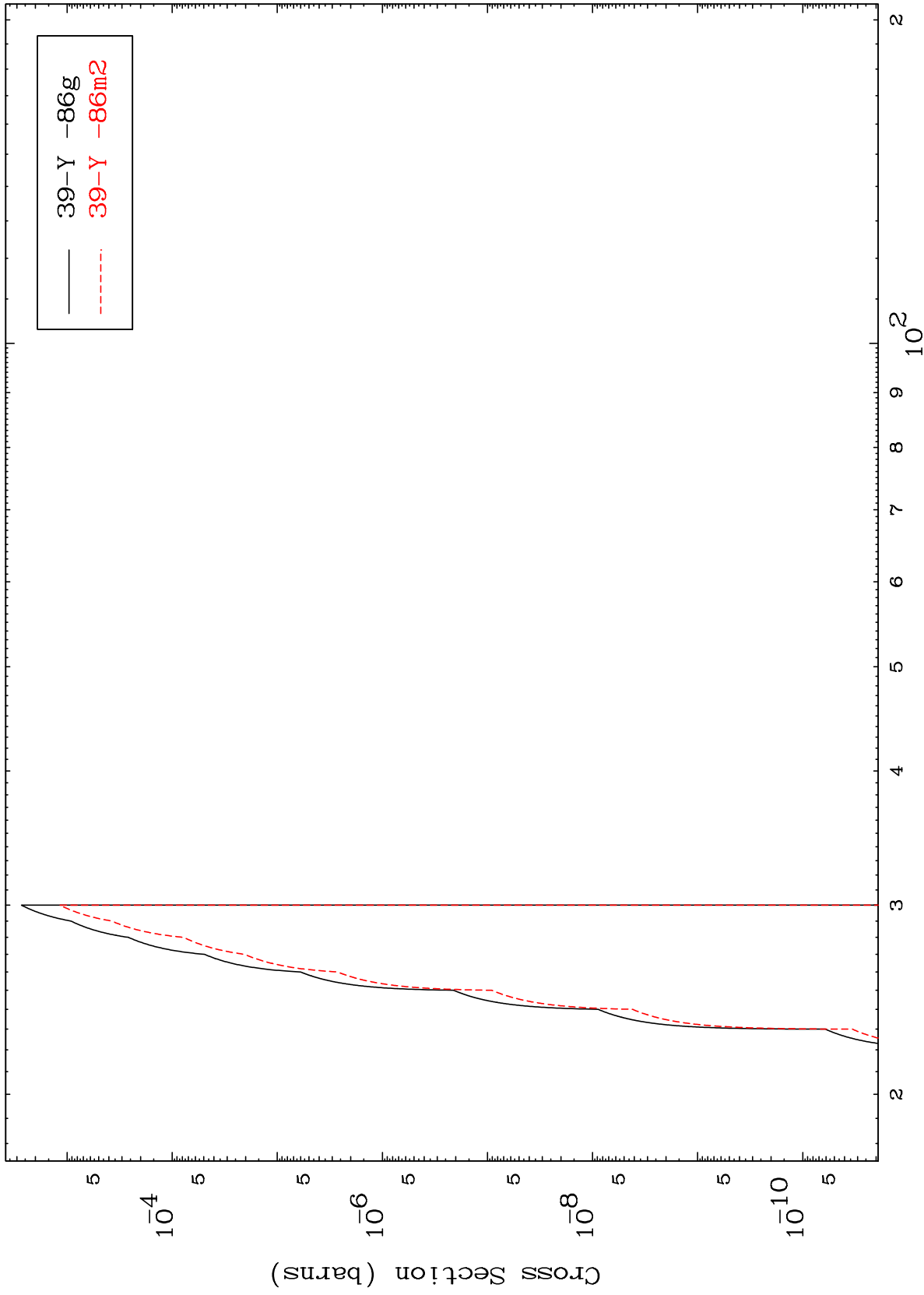
41-Nb-91

MAT 4120

(n,2n) α

41-Nb-91

Radionuclide Production Cross Section



22

Incident Energy (MeV)

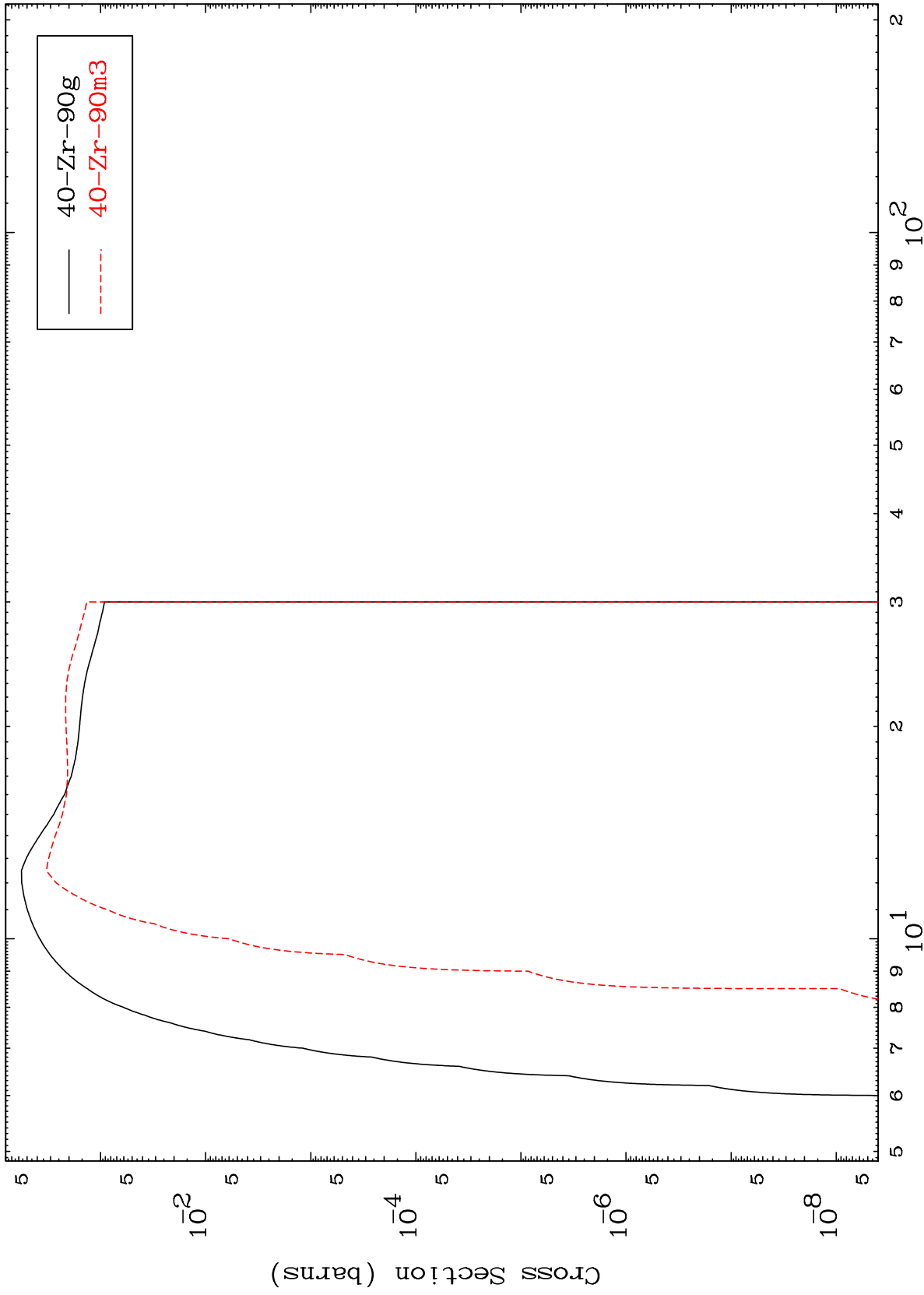
41-Nb-91

MAT 4120

(n,n') p

41-Nb-91

Radionuclide Production Cross Section



23

Incident Energy (MeV)

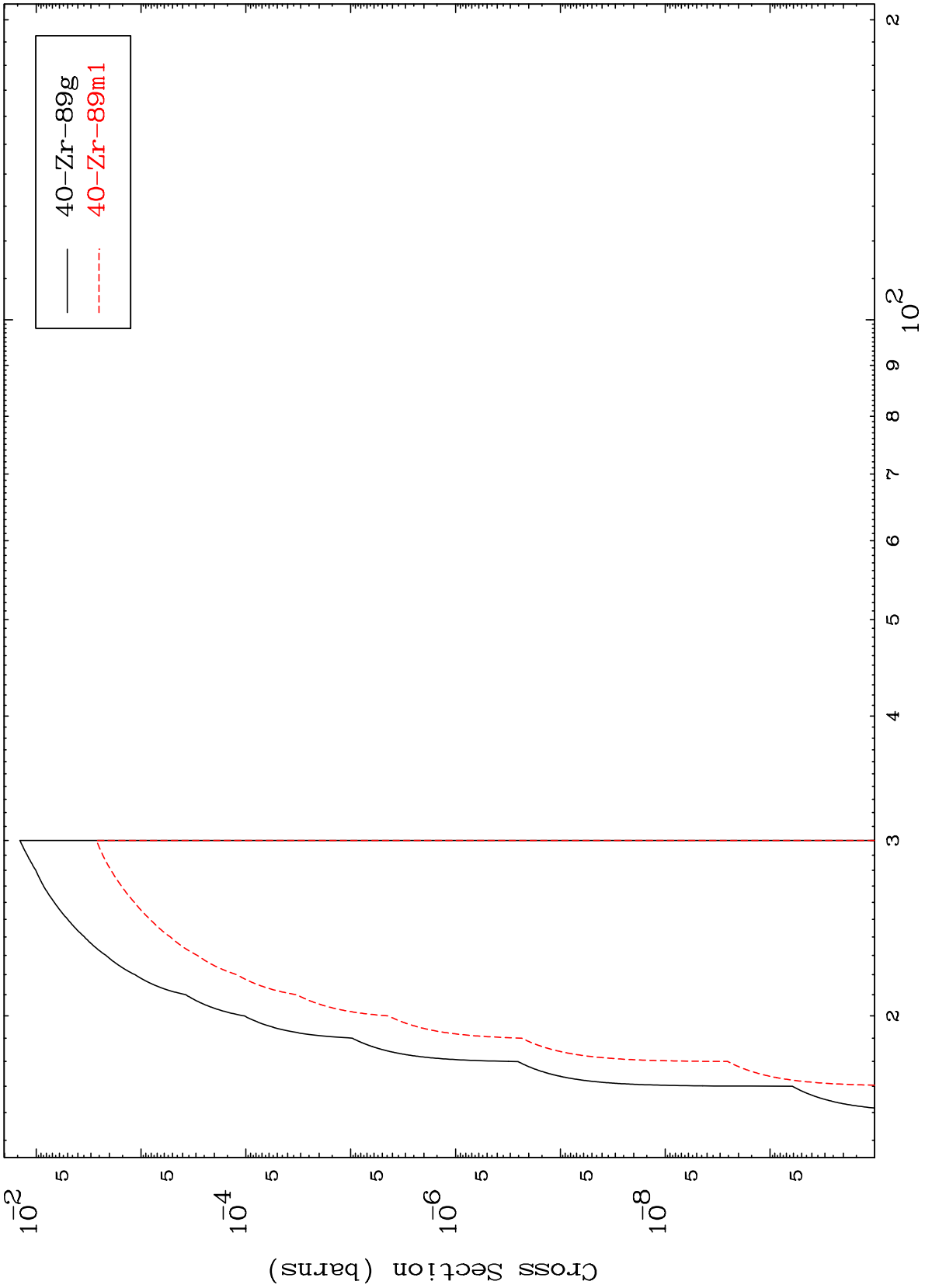
41-Nb-91

MAT 4120

(n,n') d

41-Nb-91

Radionuclide Production Cross Section



24

Incident Energy (MeV)

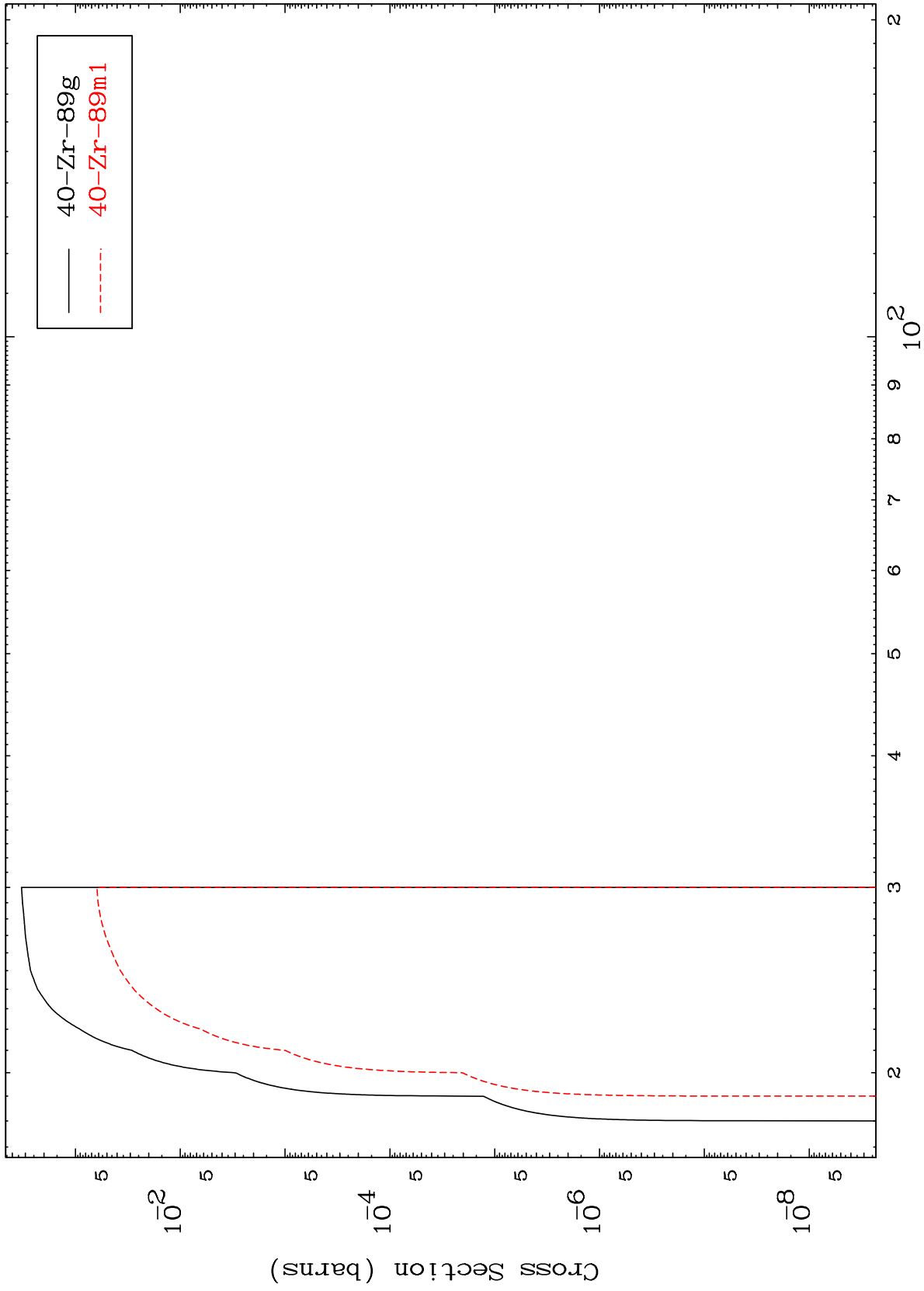
41-Nb-91

MAT 4120

(n,2n) p

41-Nb-91

Radionuclide Production Cross Section



25

Incident Energy (MeV)

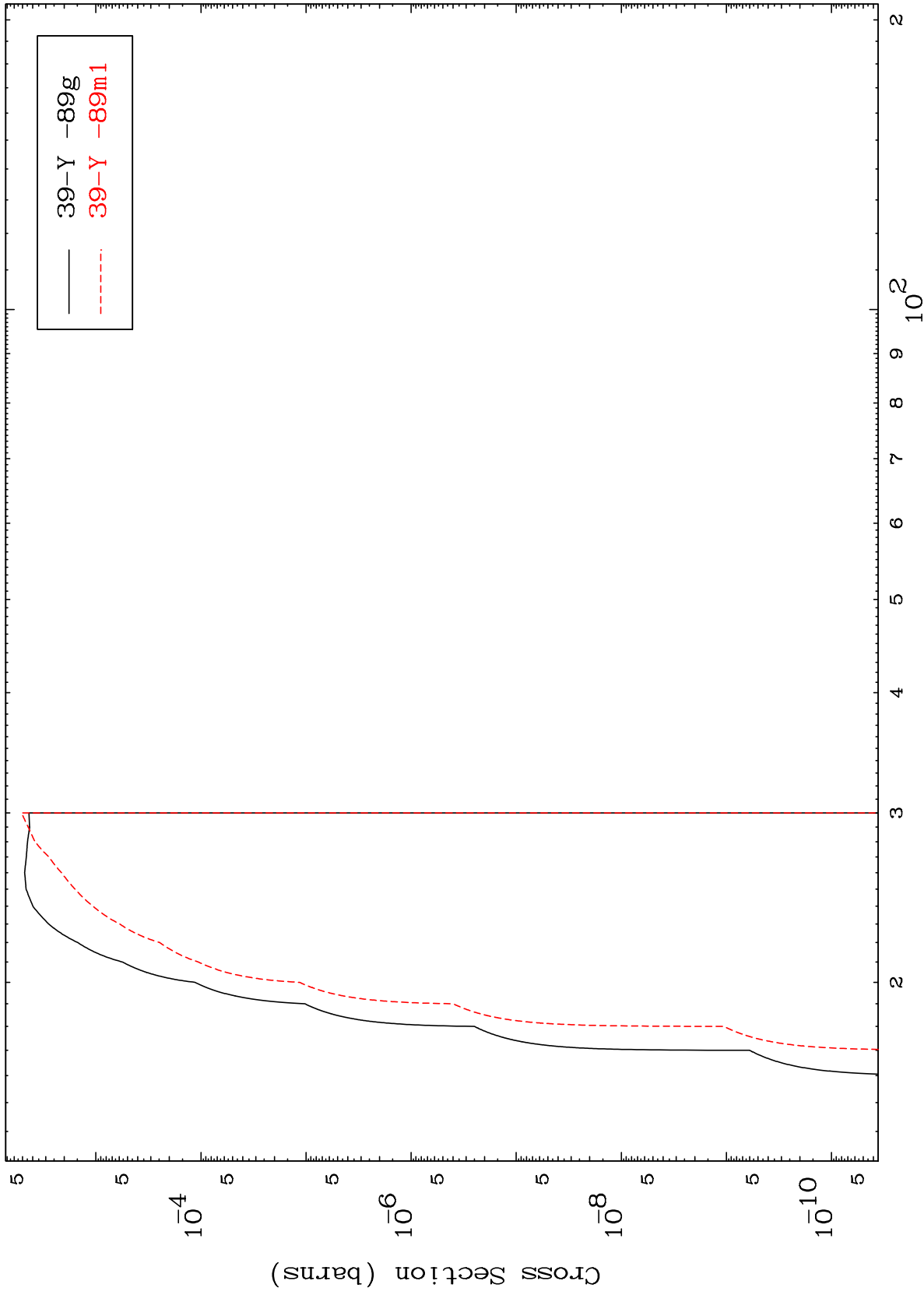
41-Nb-91

MAT 4120

(n,2n) p

41-Nb-91

Radionuclide Production Cross Section



26

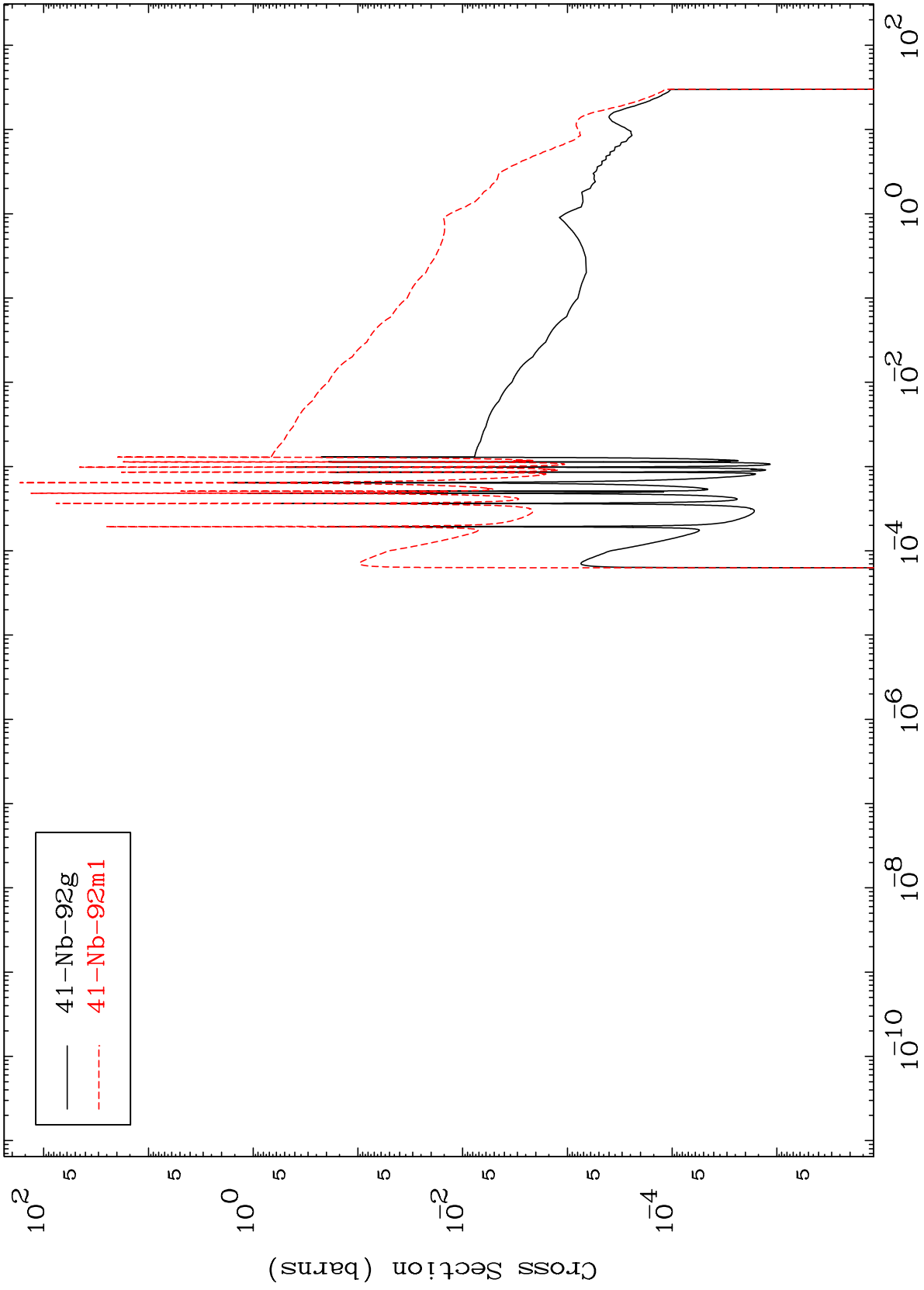
Incident Energy (MeV)

41-Nb-91

MAT 4120

41-Nb-91

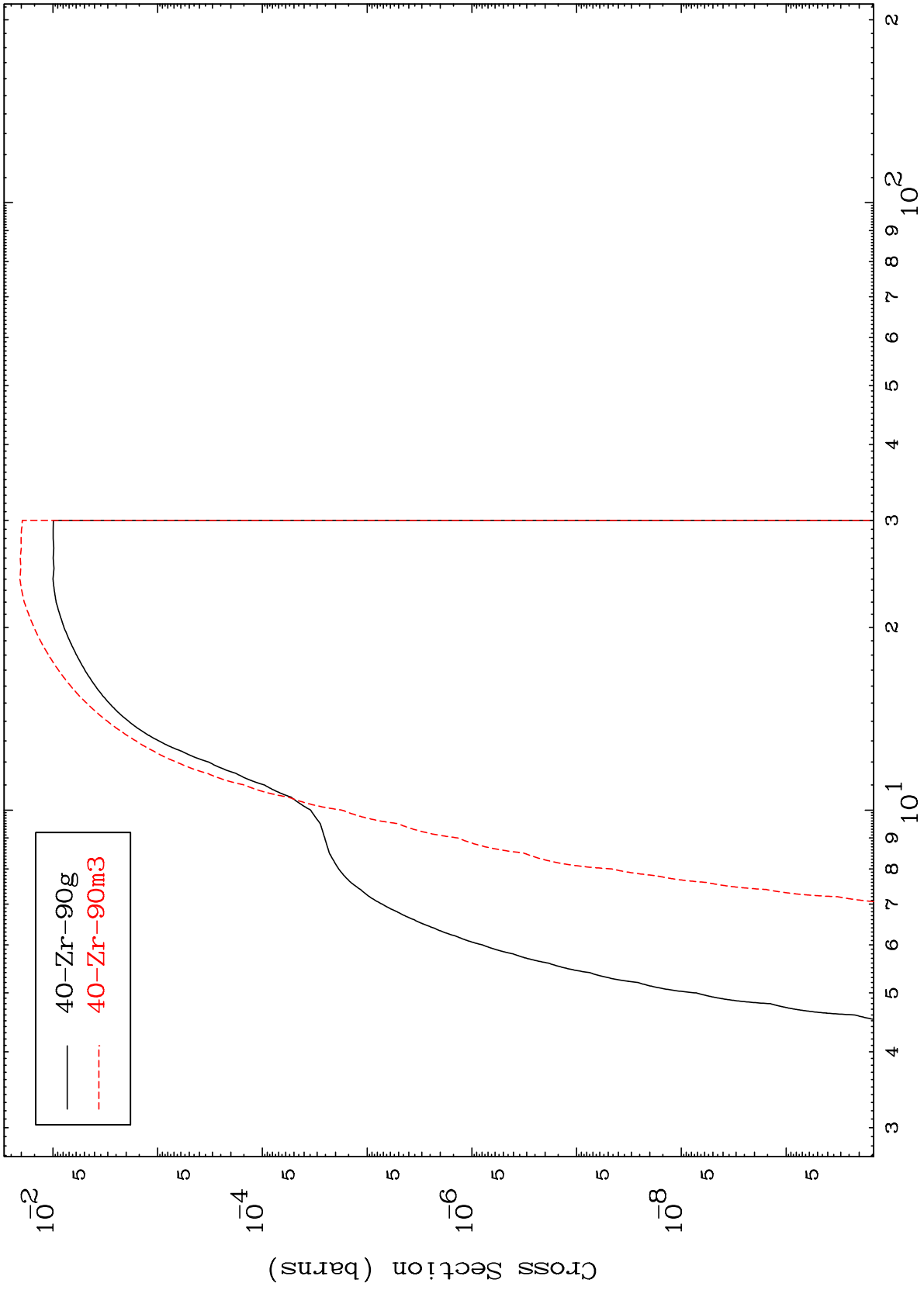
Radionuclide Production Cross Section
(n,γ)



MAT 4120

41-Nb-91

(n,d)
Radionuclide Production Cross Section



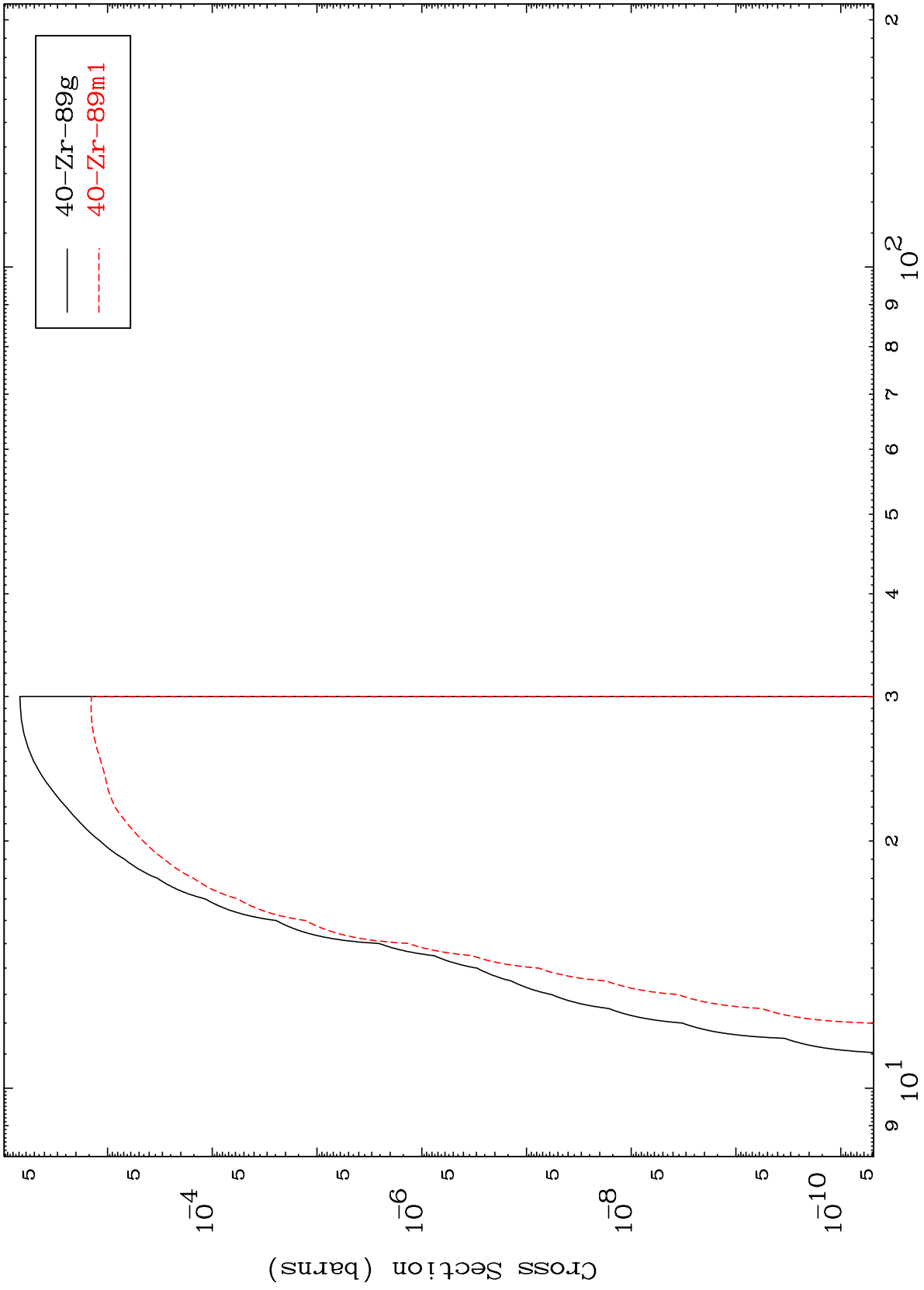
28

41-Nb-91

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41-Nb-91

(n, t)
Radionuclide Production Cross Section



29

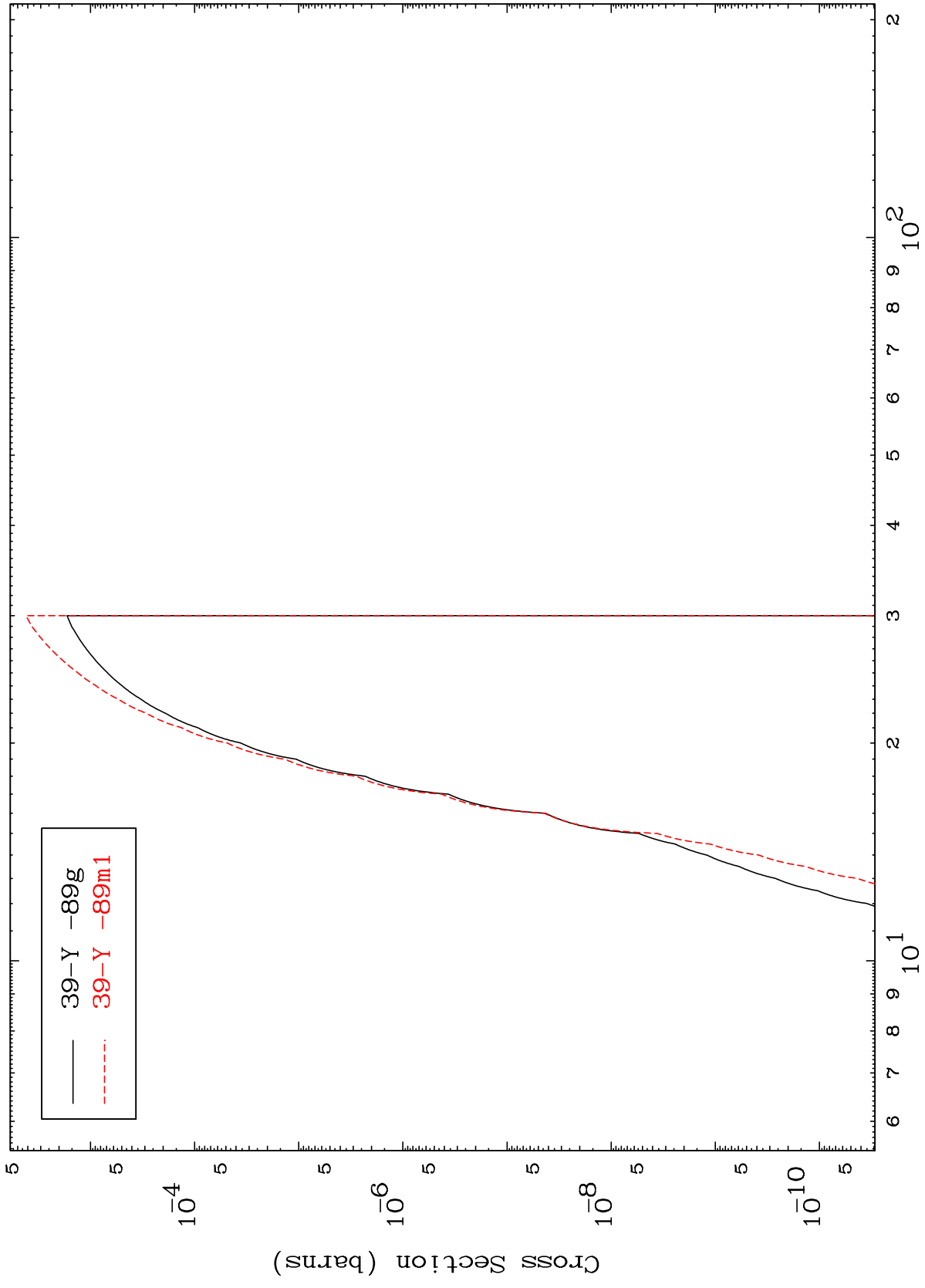
41-Nb-91

MAT 4120

(n,He-3)

41-Nb-91

Radionuclide Production Cross Section



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

30

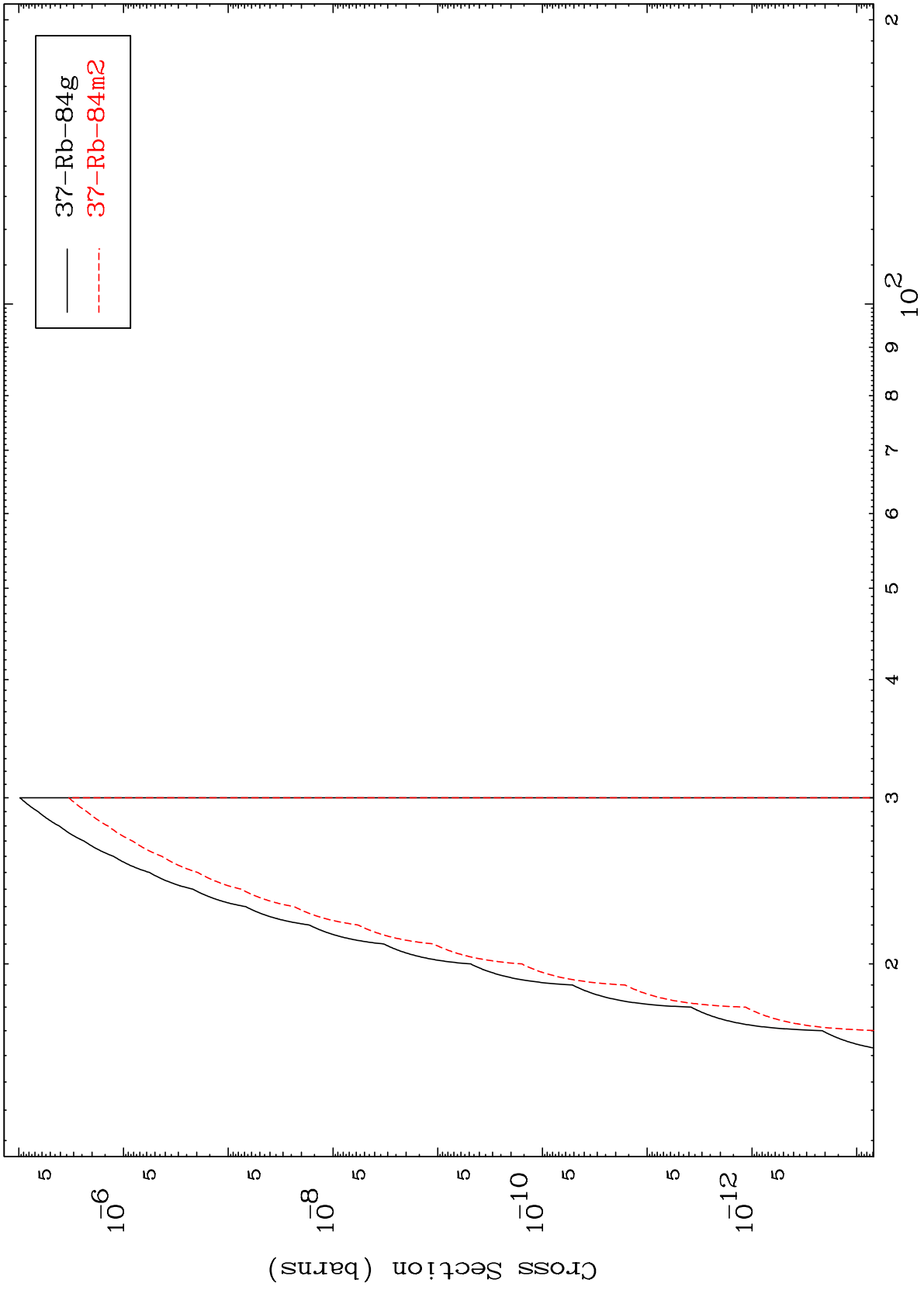
Incident Energy (MeV)

41-Nb-91

MAT 4120

41-Nb-91

(n,2α)
Radionuclide Production Cross Section



31

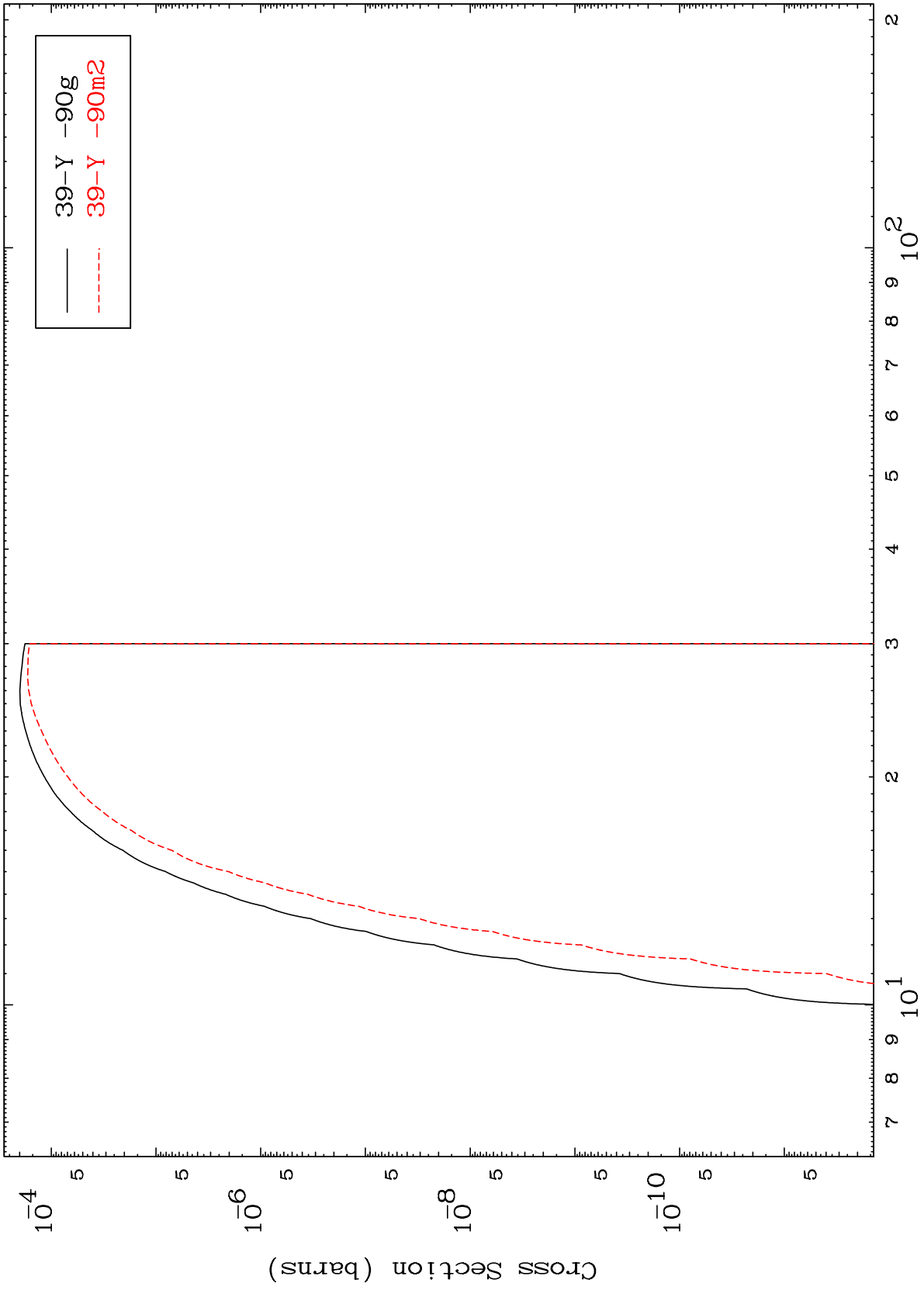
41-Nb-91

Incident Energy (MeV)

MAT 4120

41-Nb-91

(n,2p)
Radionuclide Production Cross Section



32

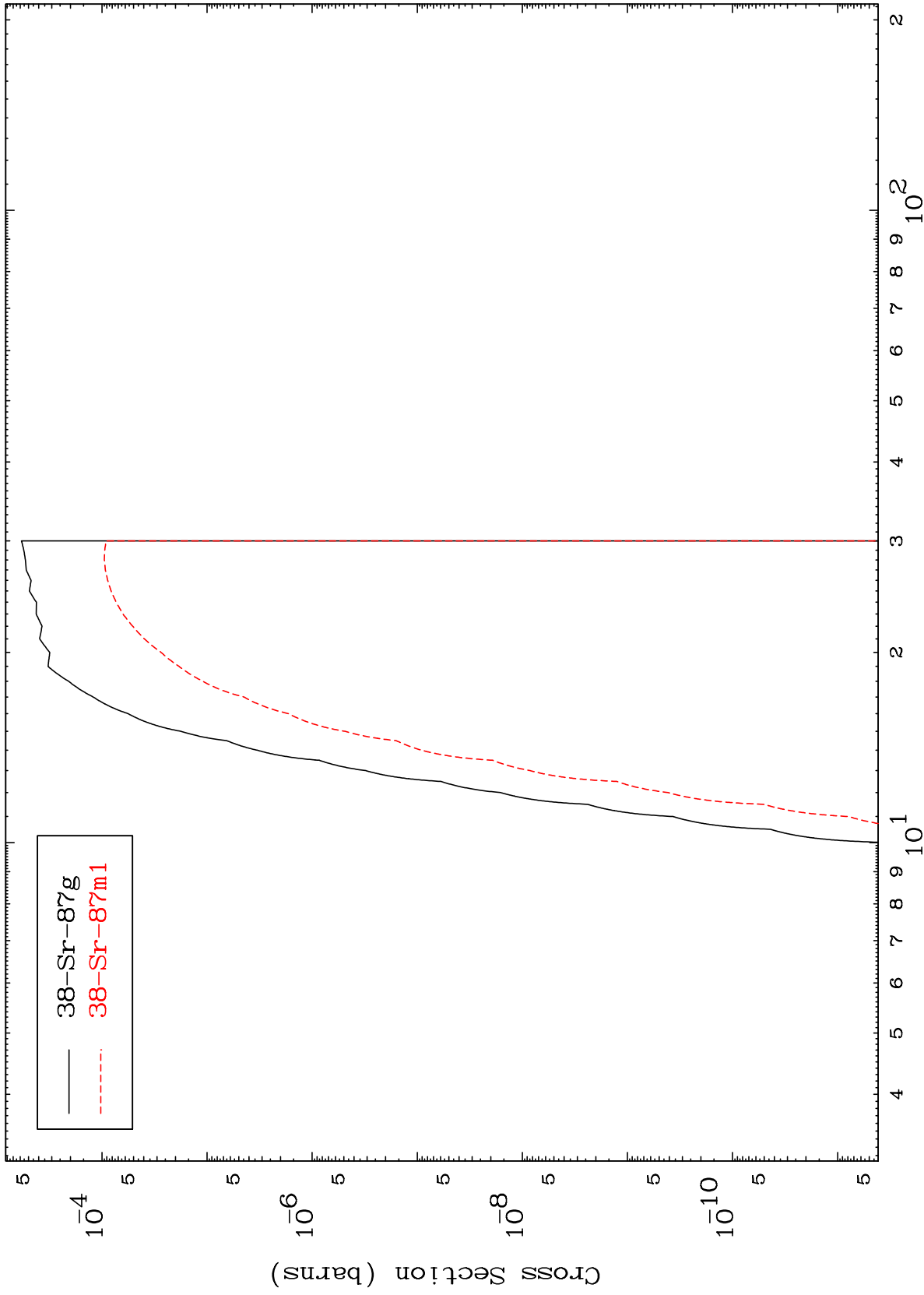
41-Nb-91

MAT 4120

(n,p) α

41-Nb-91

Radionuclide Production Cross Section



38-Sr-87g
38-Sr-87m1

33

Incident Energy (MeV)

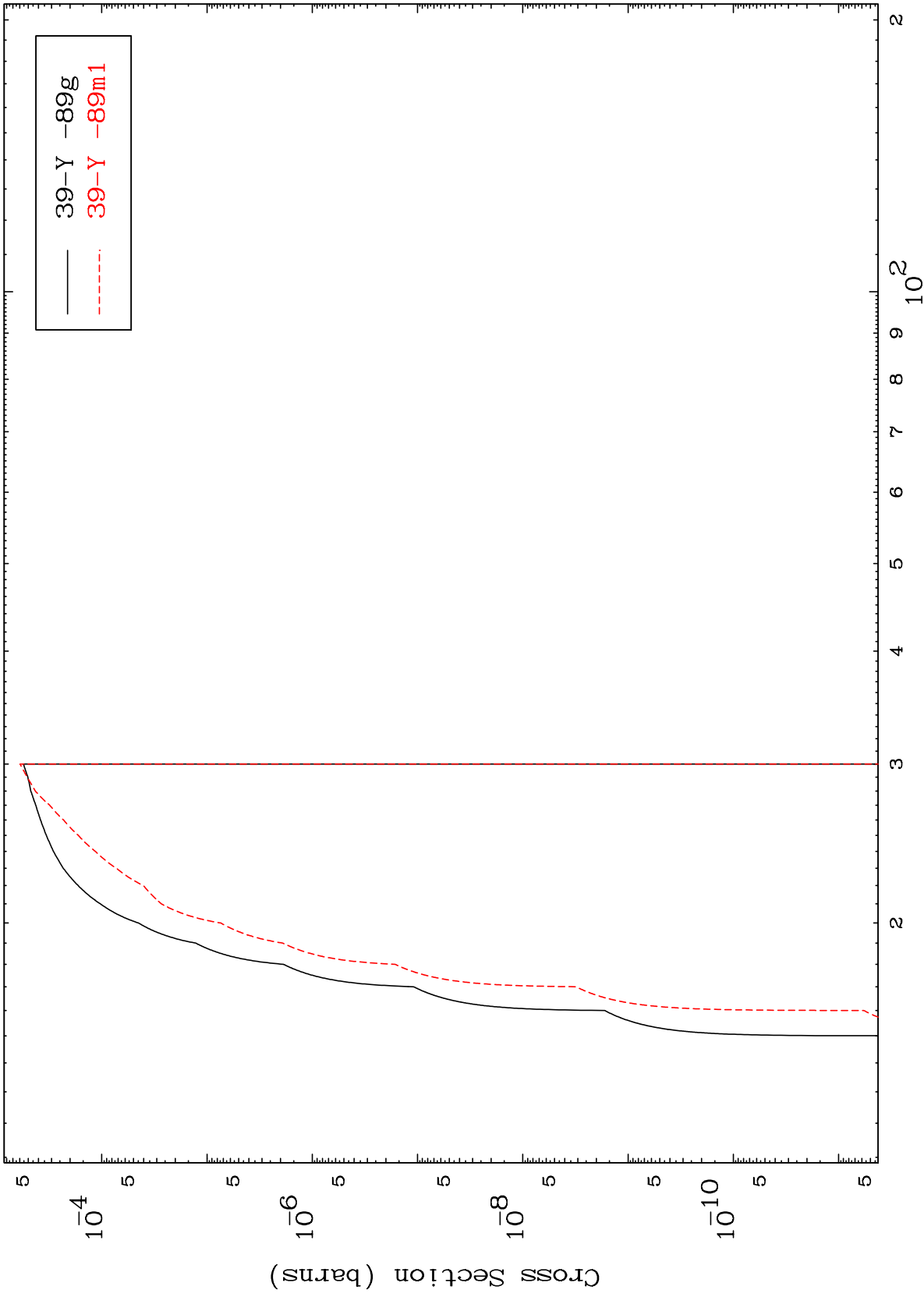
41-Nb-91

MAT 4120

(n,p) d

41-Nb-91

Radionuclide Production Cross Section



34

Incident Energy (MeV)

41-Nb-91