

Program EVALPLOT  
(Version 2021-1)

by

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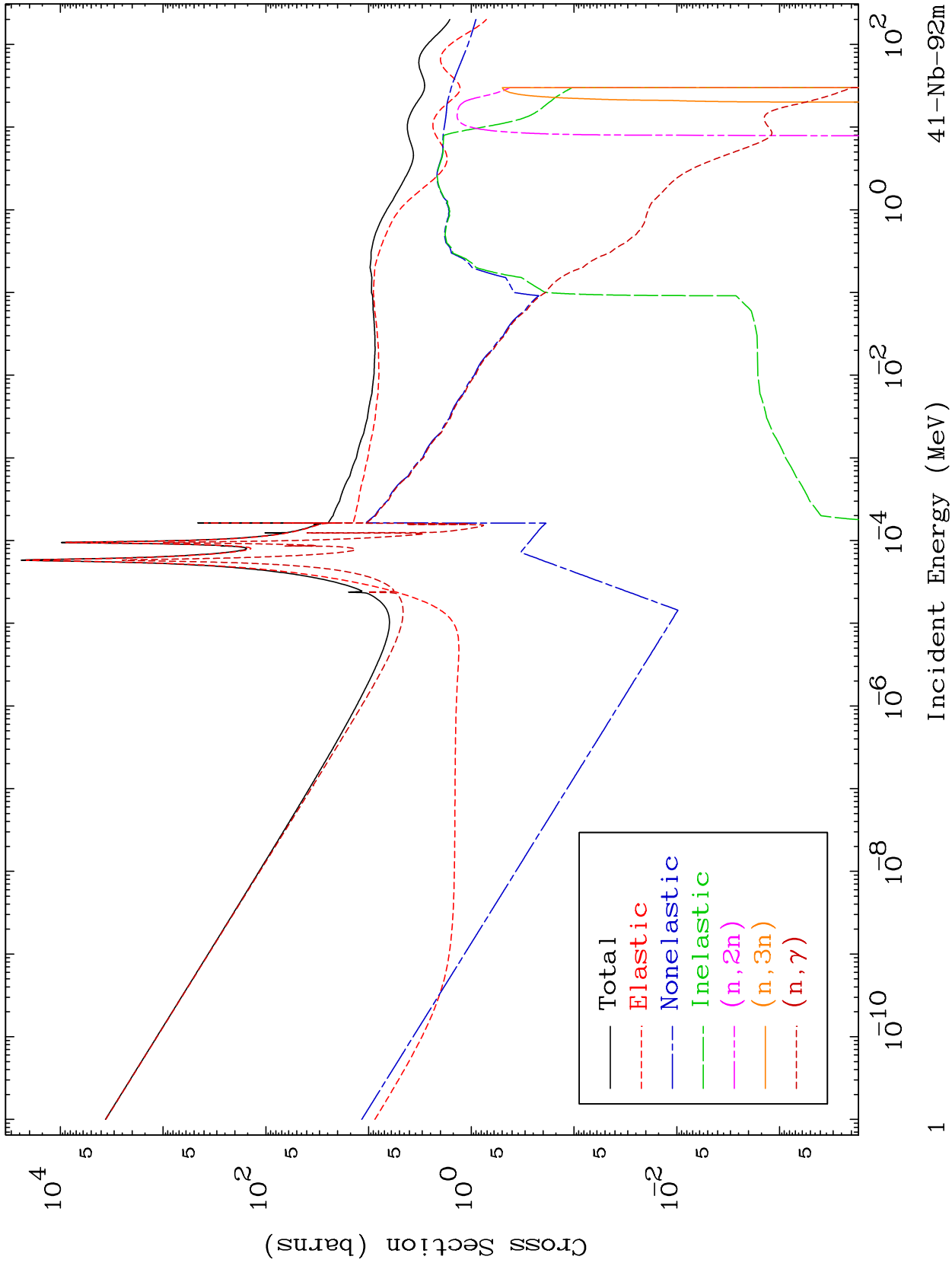
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4123

Neutron Major  
293 Kelvin Cross Sections

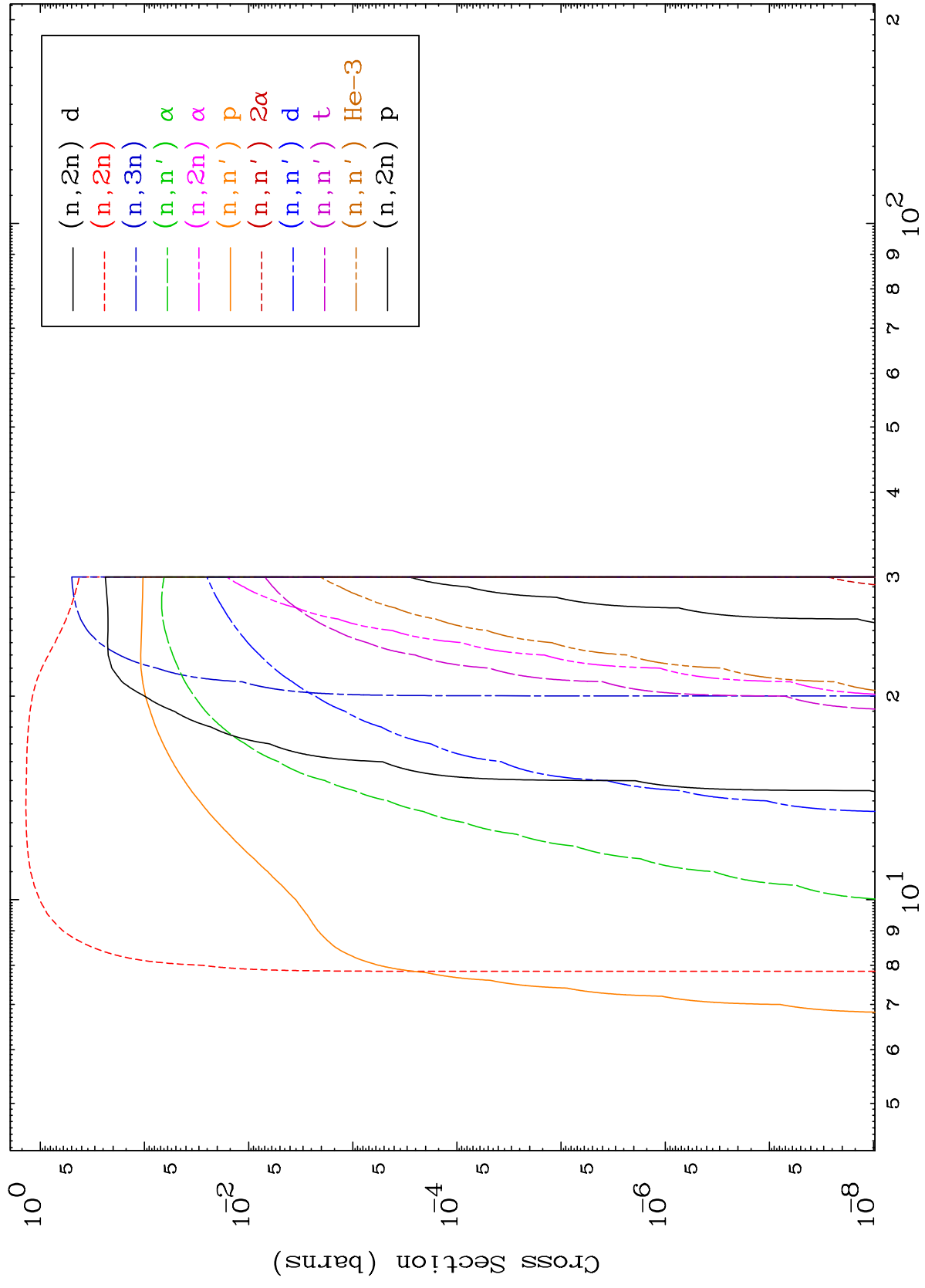
41-Nb-92m



MAT 4123

### Neutron Absorption 293 Kelvin Cross Sections

41-Nb-92m



2

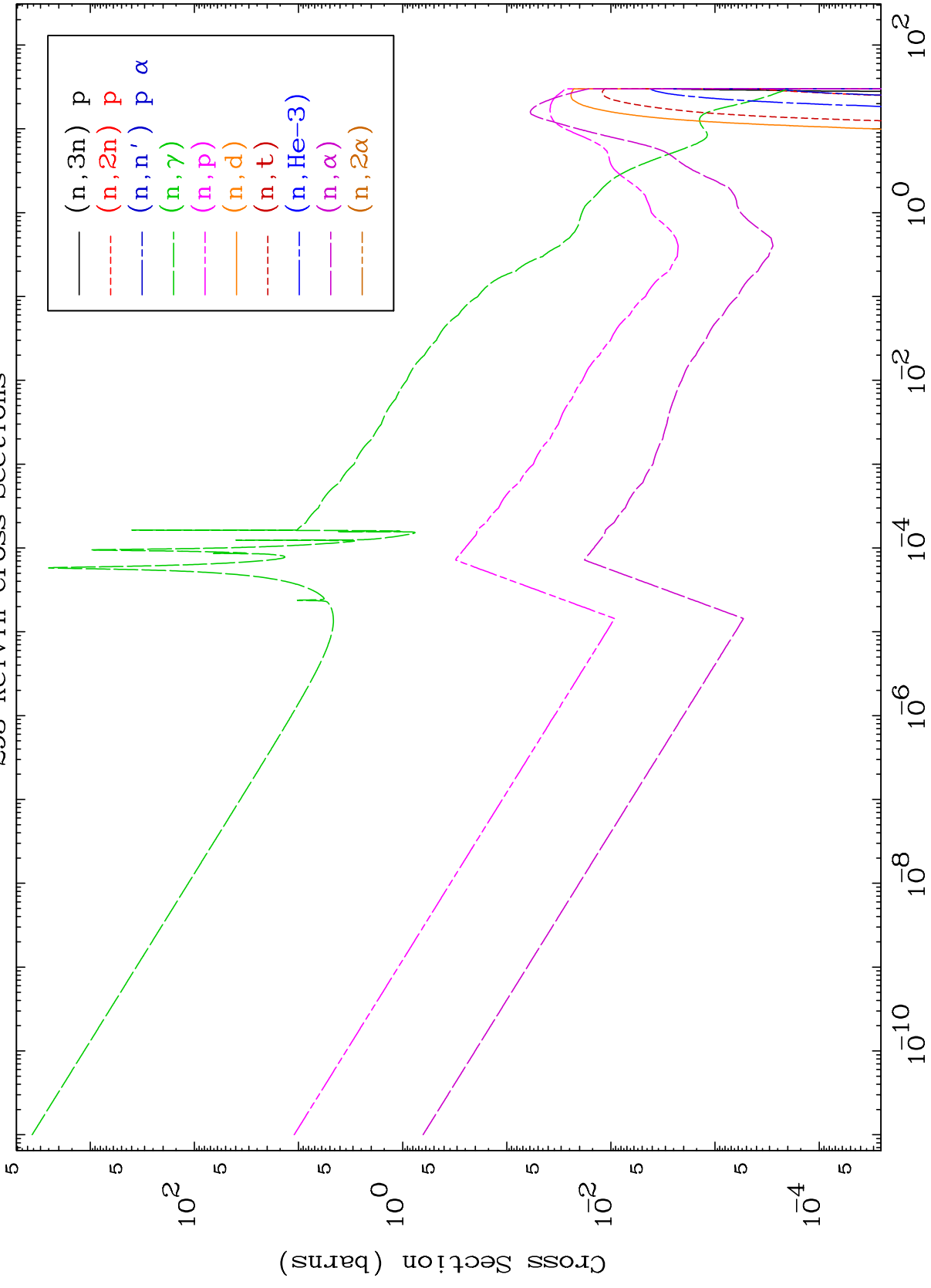
Incident Energy (MeV)

41-Nb-92m

MAT 4123

### Neutron Absorption 293 Kelvin Cross Sections

41-Nb-92m



3

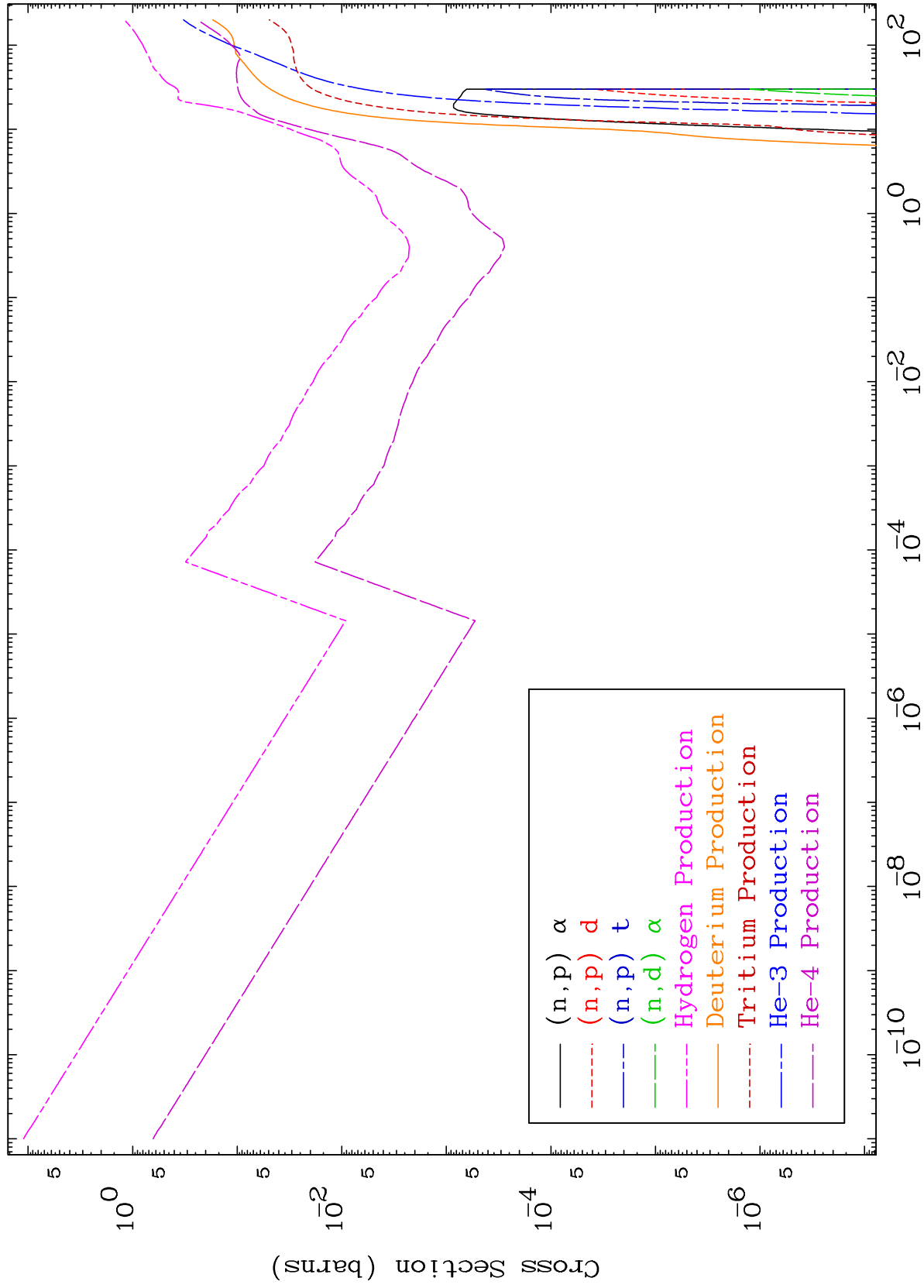
Incident Energy (MeV)

41-Nb-92m

MAT 4123

Neutron Absorption  
293 Kelvin Cross Sections

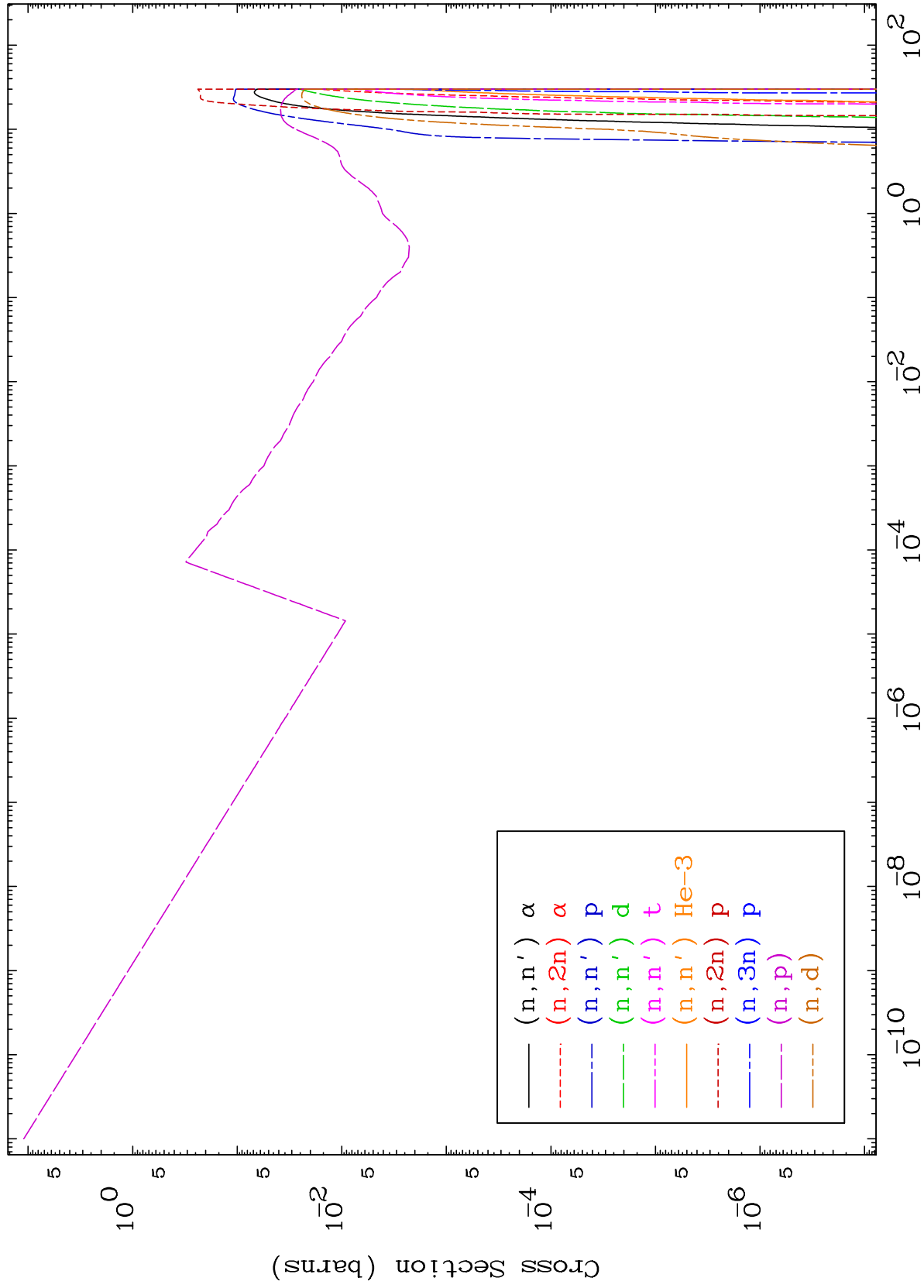
41-Nb-92m



MAT 4123

Charged Particle  
293 Kelvin Cross Sections

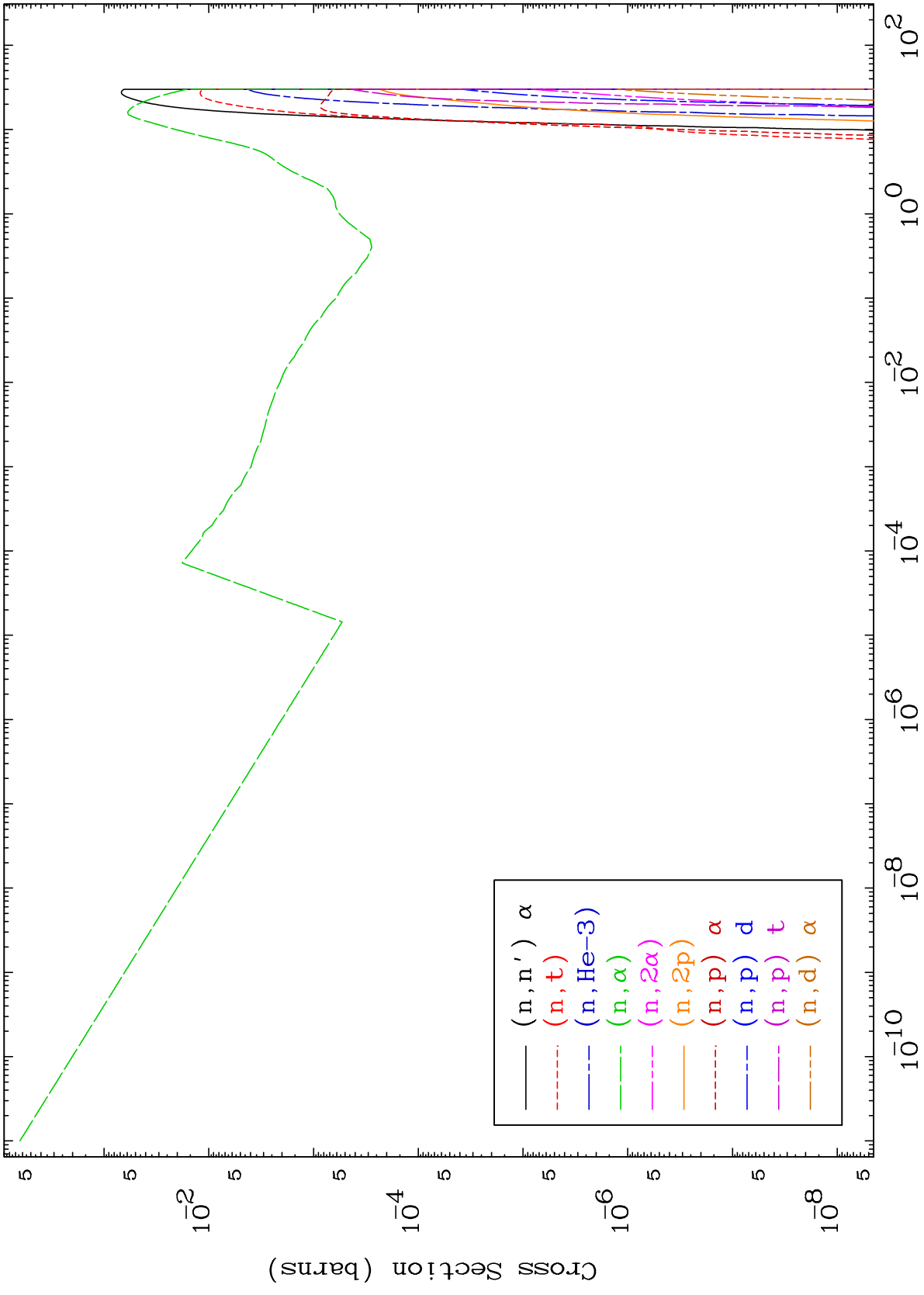
41-Nb-92m



MAT 4123

Charged Particle  
293 Kelvin Cross Sections

41-Nb-92m

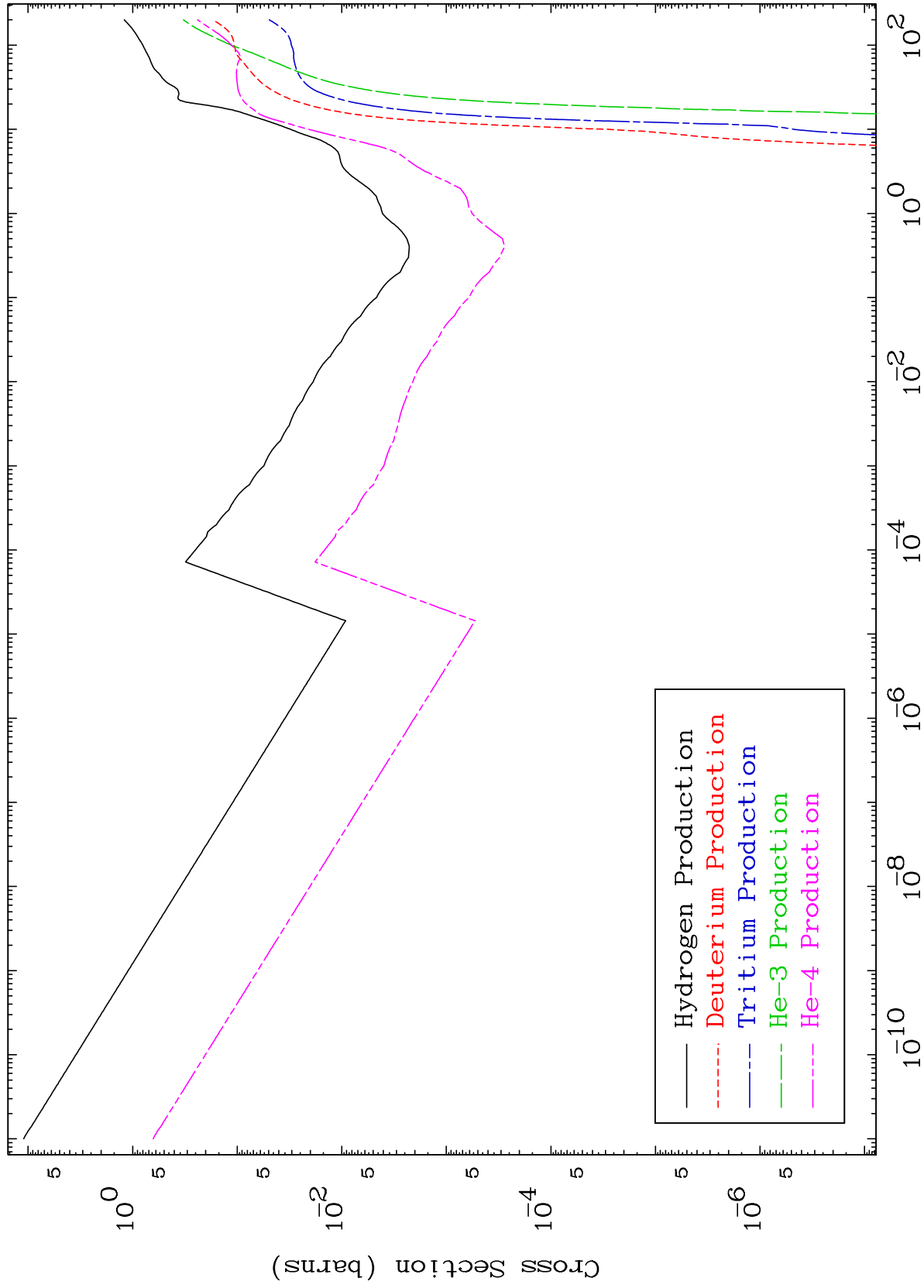


41-Nb-92m

MAT 4123

Particle Production  
293 Kelvin Cross Sections

41-Nb-92m

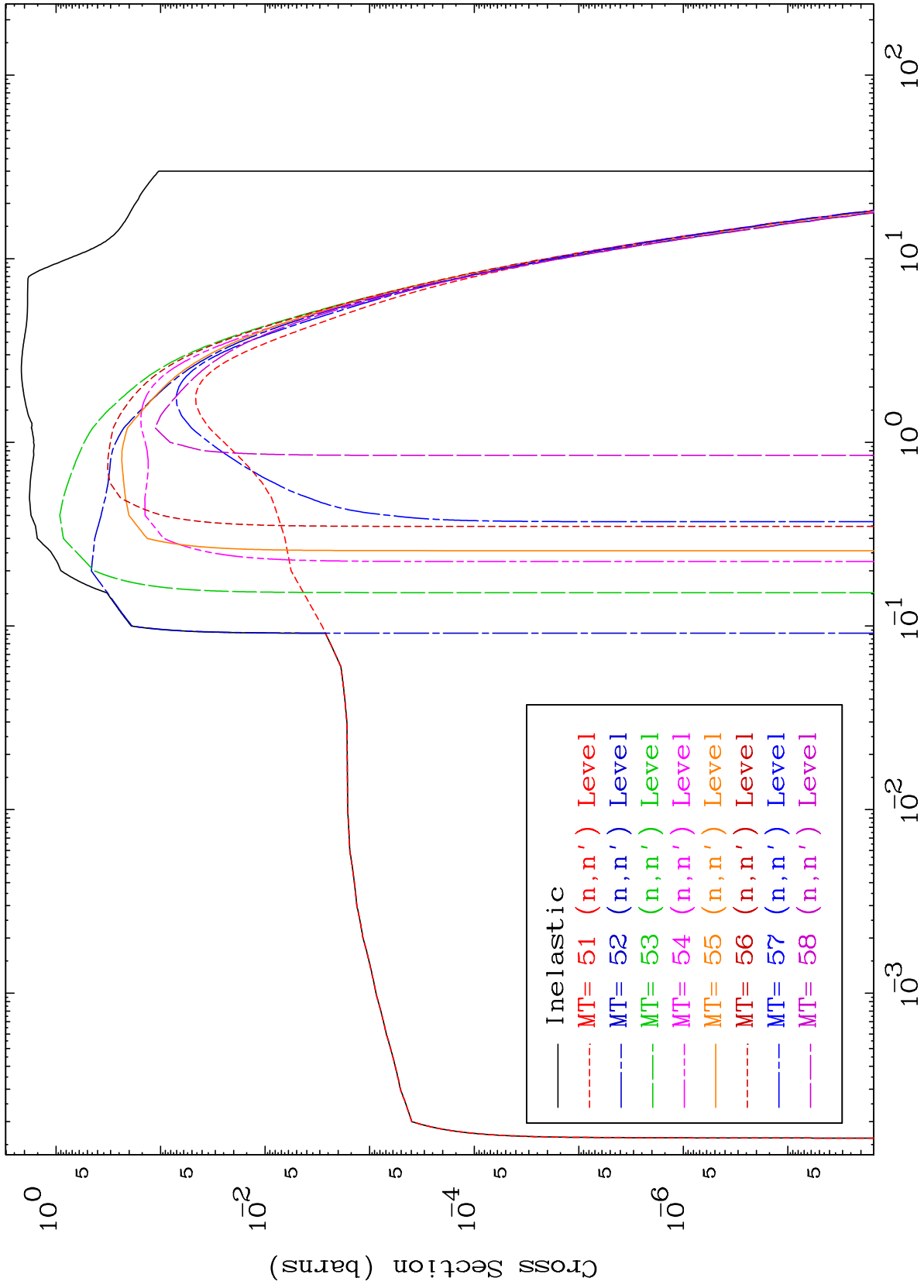




MAT 4123

(n,n') Levels  
293 Kelvin Cross Sections

41-Nb-92m

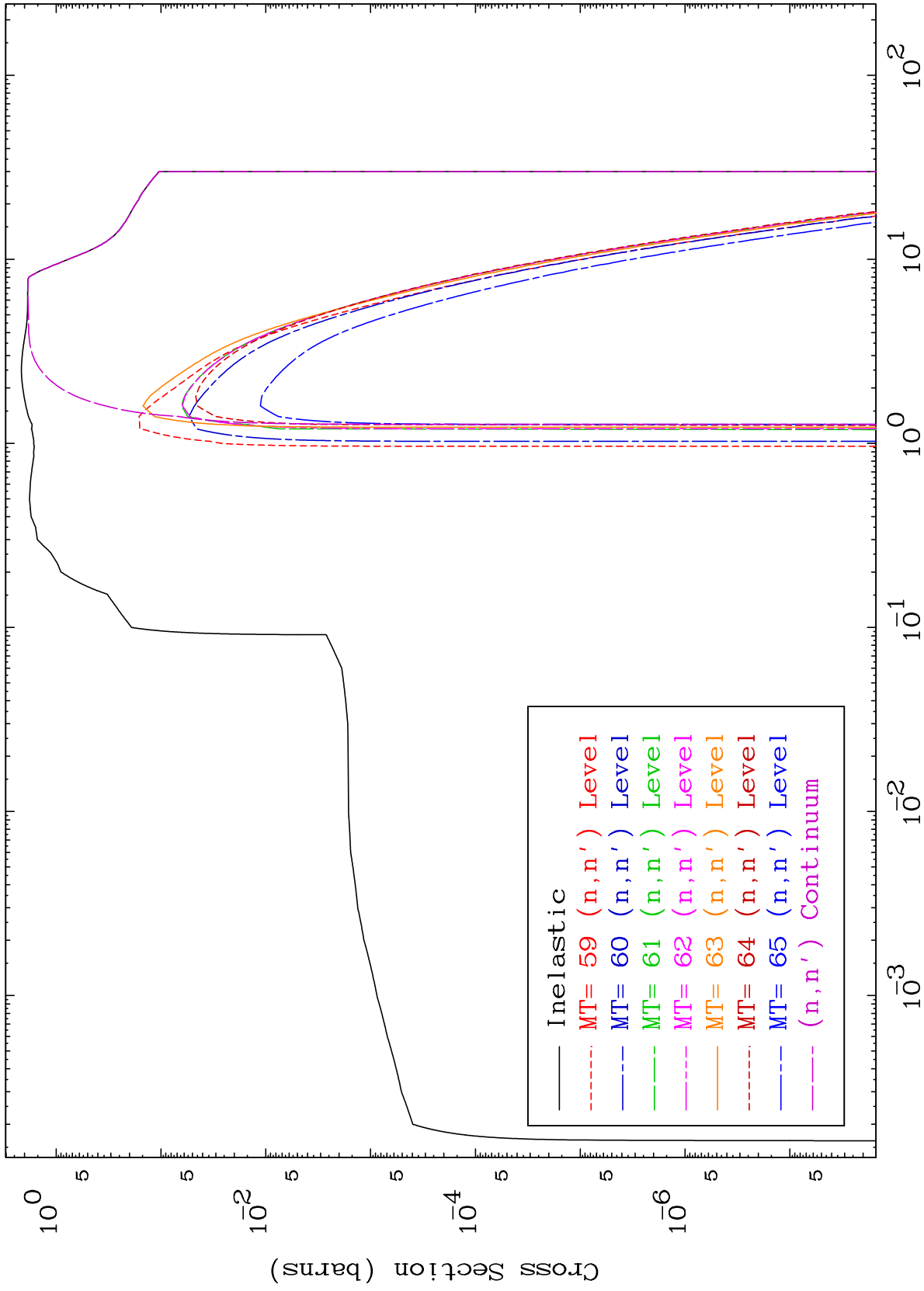


41-Nb-92m

MAT 4123

(n,n') Levels  
293 Kelvin Cross Sections

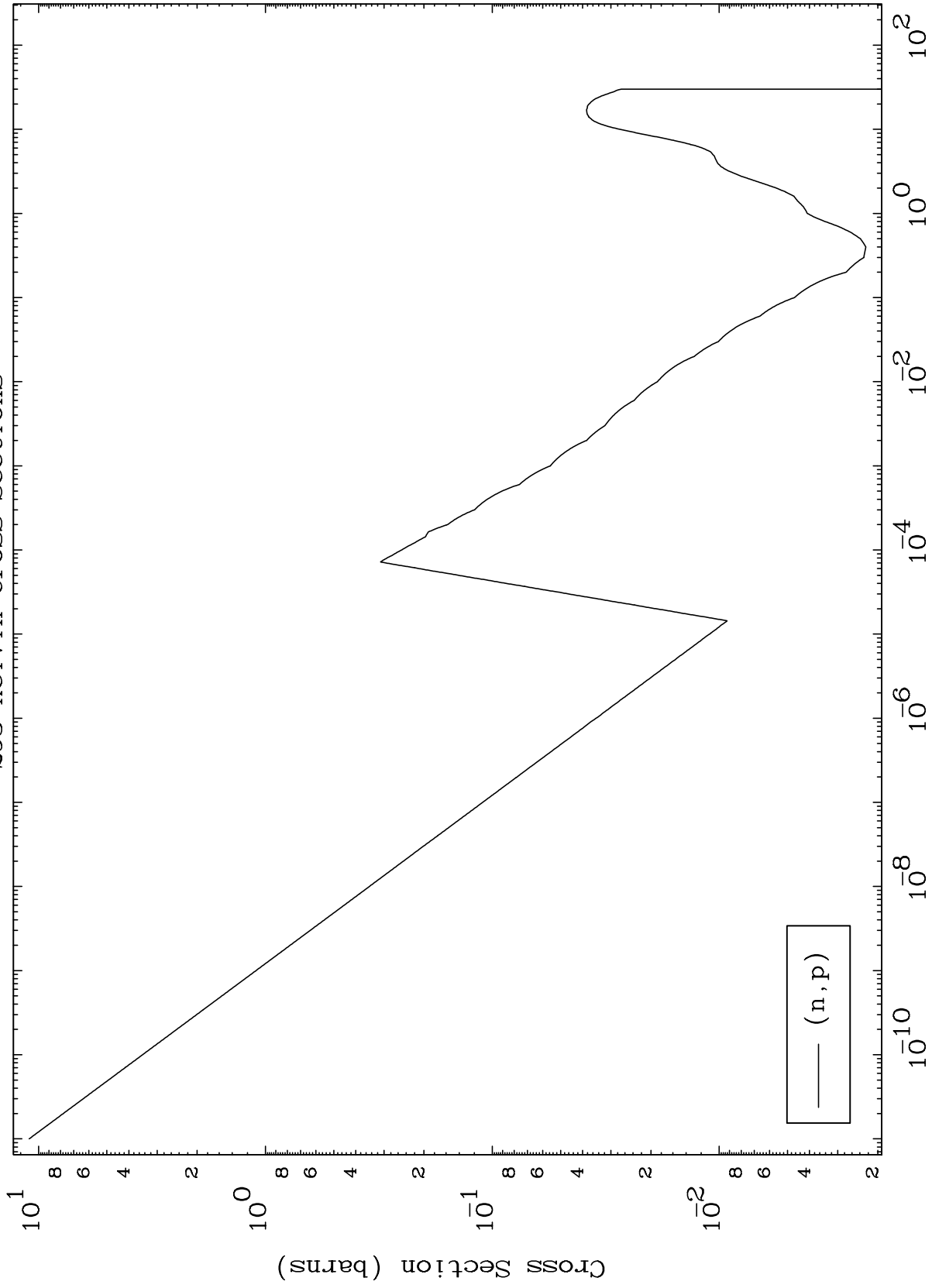
41-Nb-92m



MAT 4123

(n,p) Levels  
293 Kelvin Cross Sections

41-Nb-92m



10

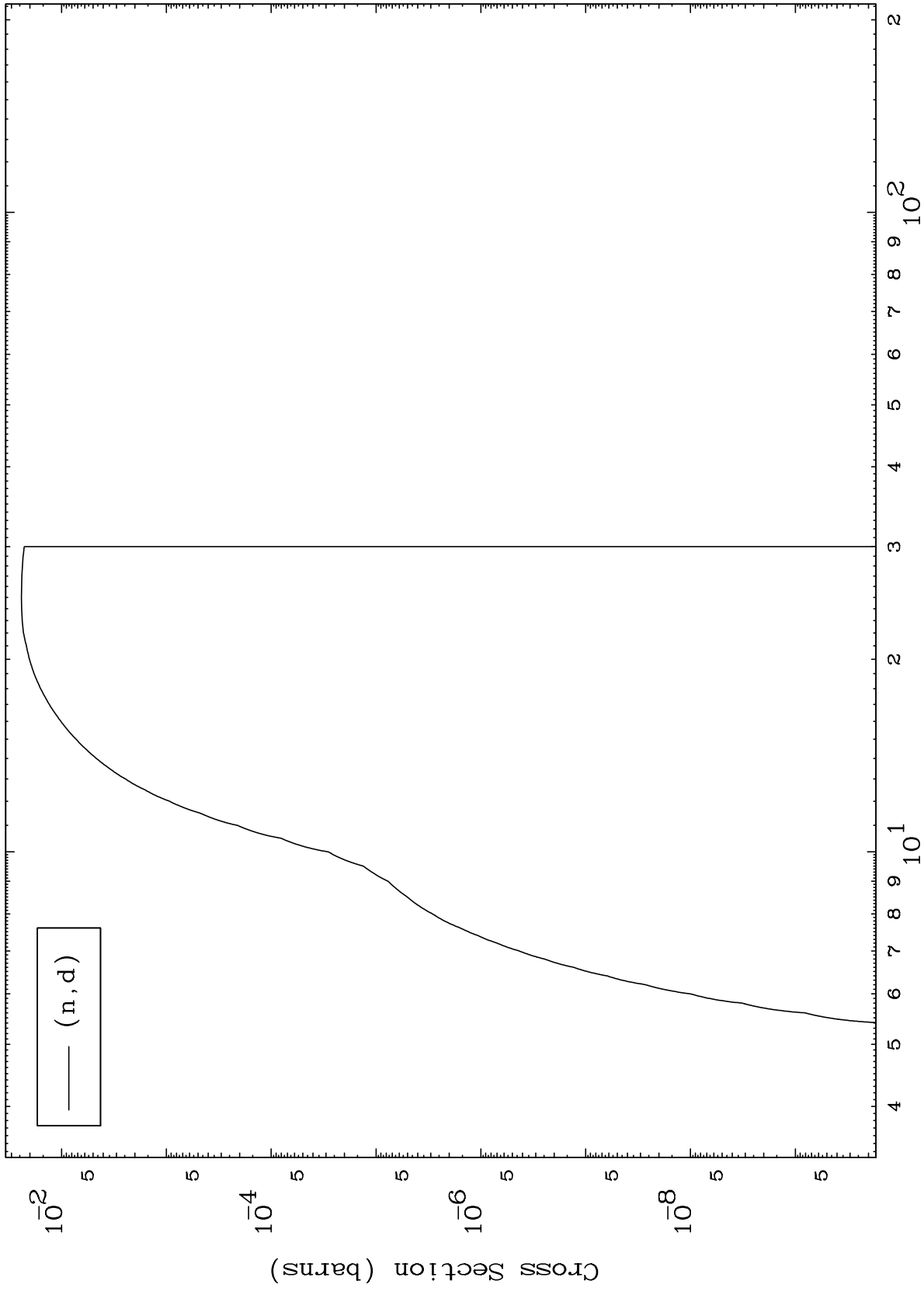
Incident Energy (MeV)

41-Nb-92m

MAT 4123

(n,d) Levels  
293 Kelvin Cross Sections

41-Nb-92m



11

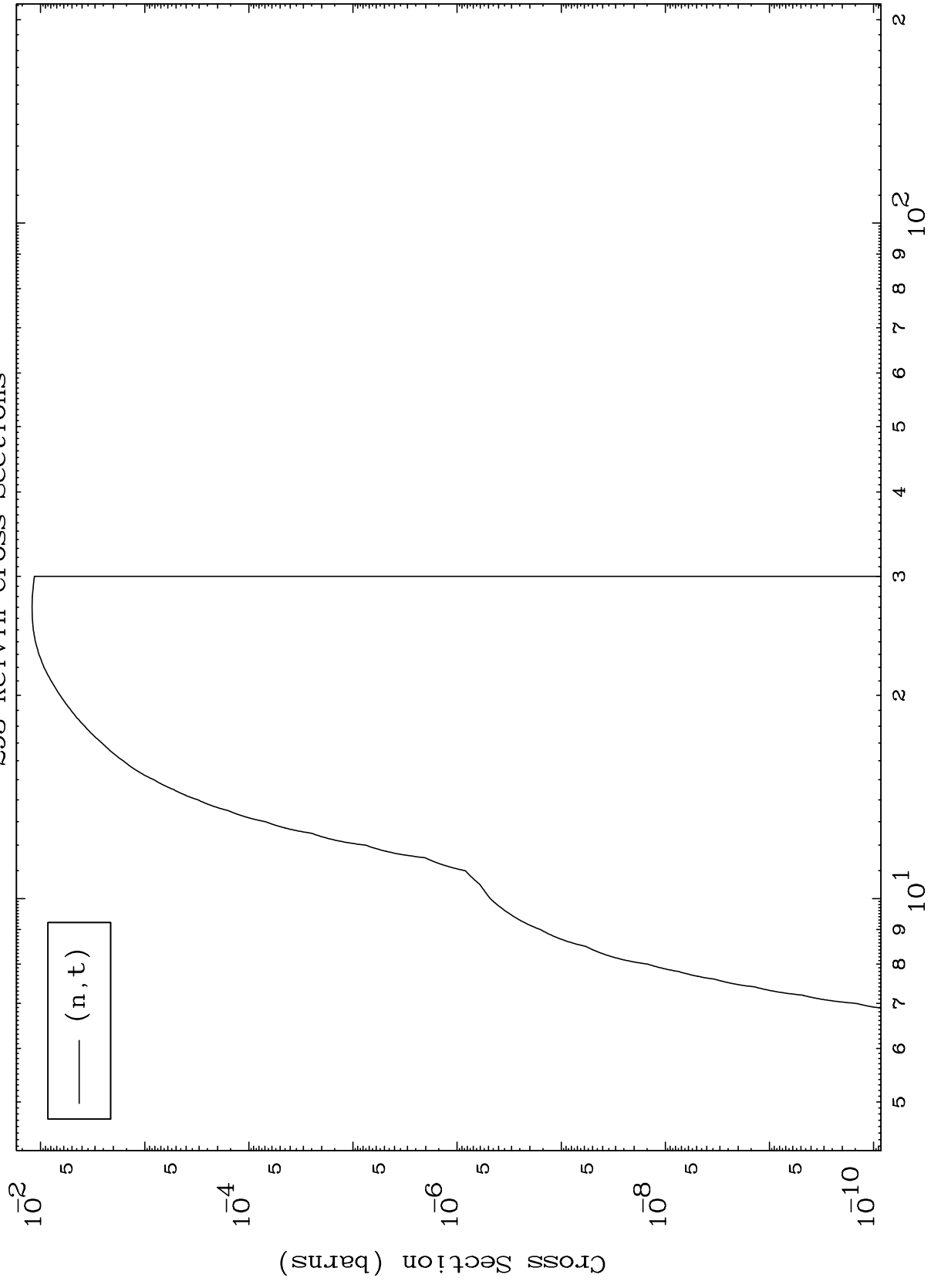
Incident Energy (MeV)

41-Nb-92m

MAT 4123

(n,t) Levels  
293 Kelvin Cross Sections

41-Nb-92m



12

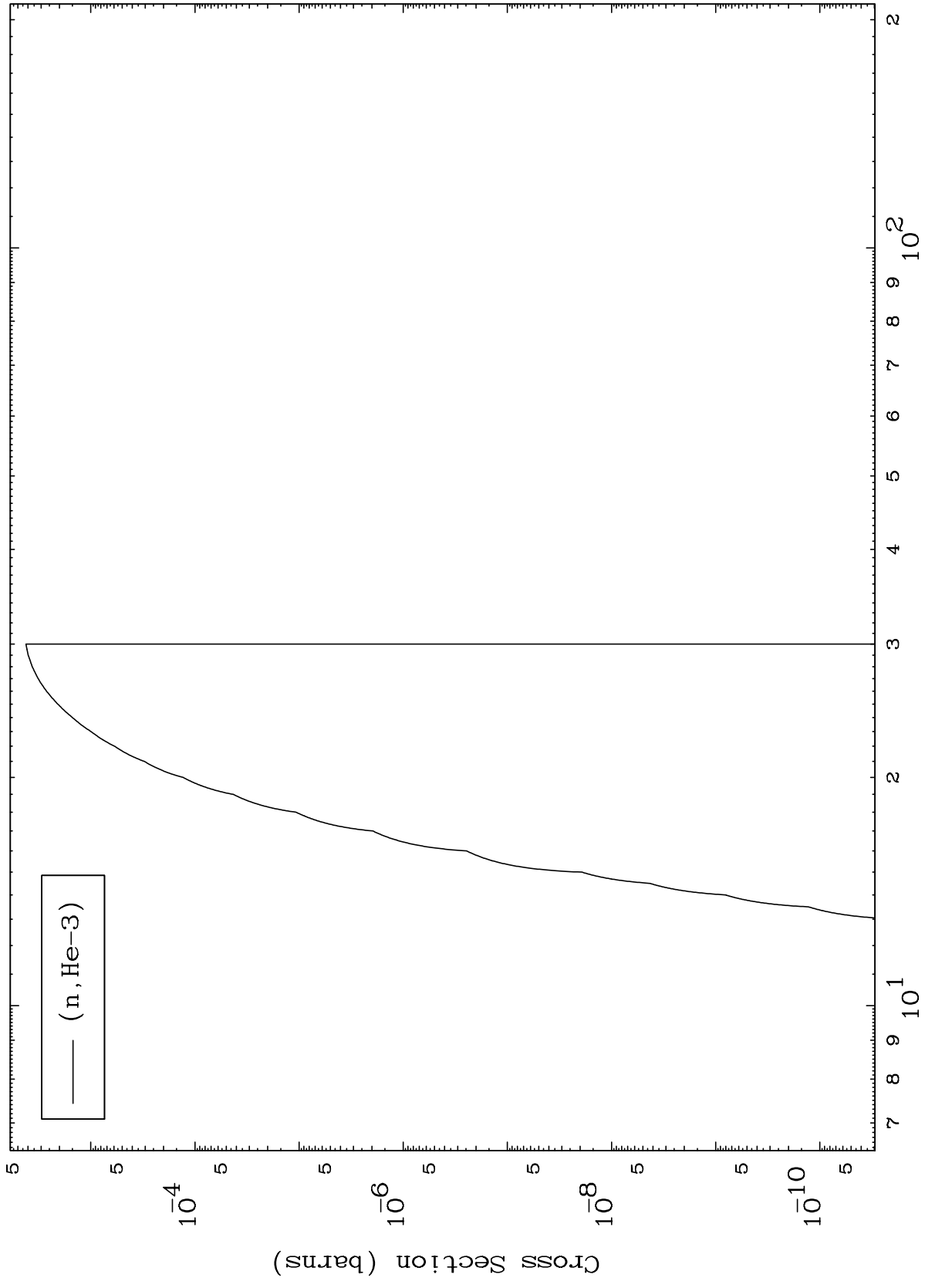
Incident Energy (MeV)

41-Nb-92m

MAT 4123

(n,He3) Levels  
293 Kelvin Cross Sections

41-Nb-92m



13

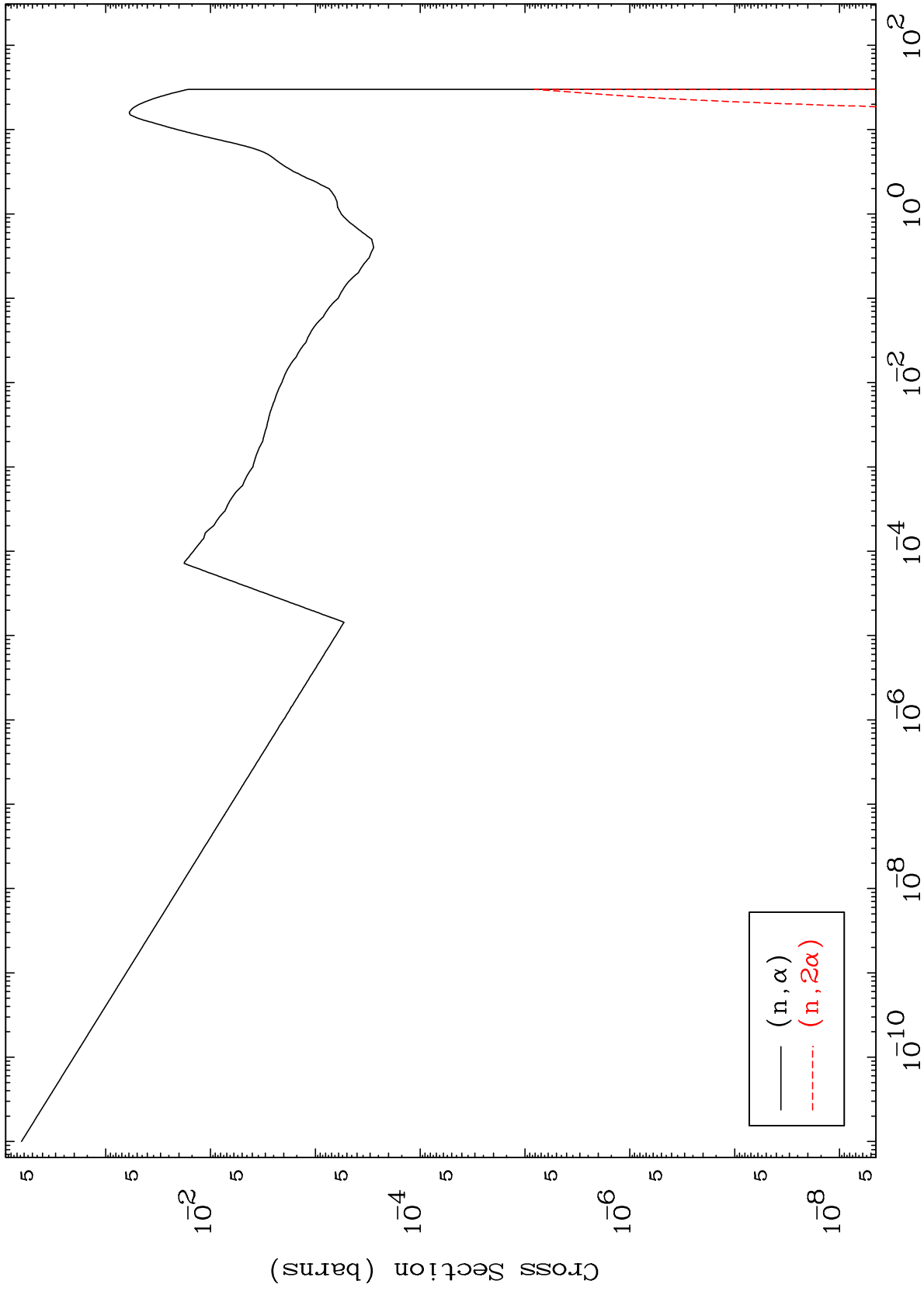
Incident Energy (MeV)

41-Nb-92m

MAT 4123

(n,α) Levels  
293 Kelvin Cross Sections

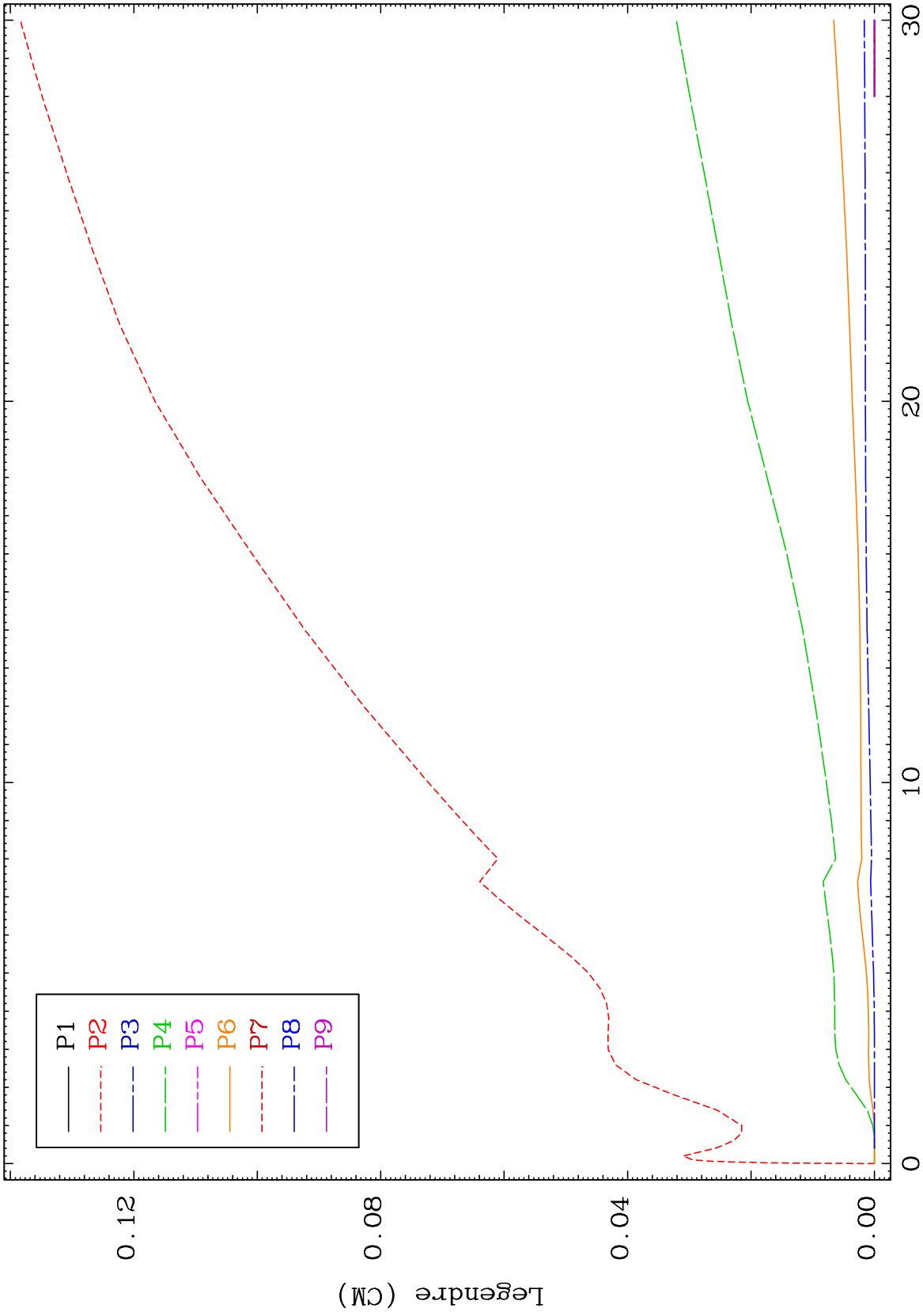
41-Nb-92m



MAT 4123

Elastic Legendre Coefficients

41-Nb-92m



41-Nb-92m

Incident Energy (MeV)

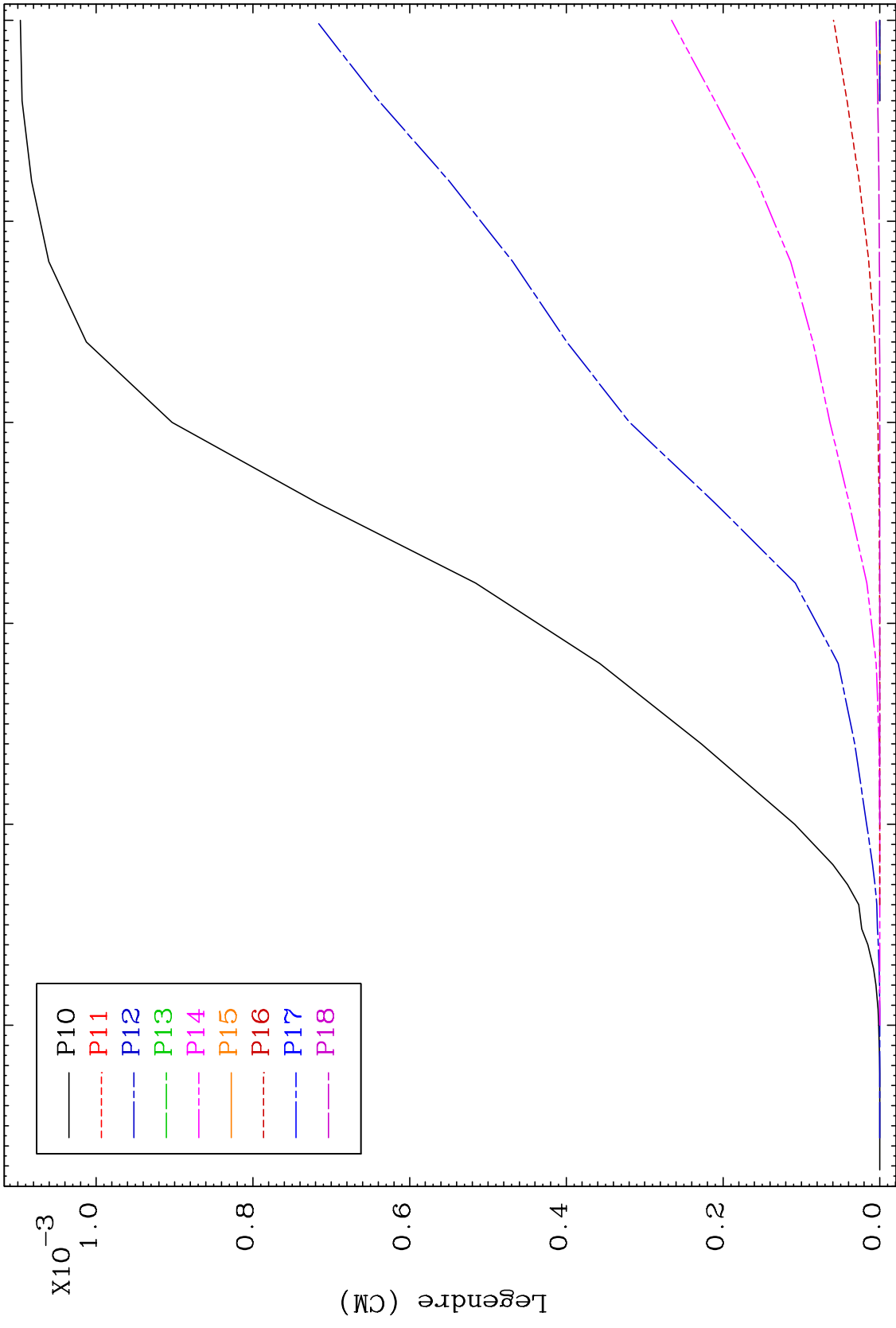
15



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Elastic Legendre Coefficients

41-Nb-92m



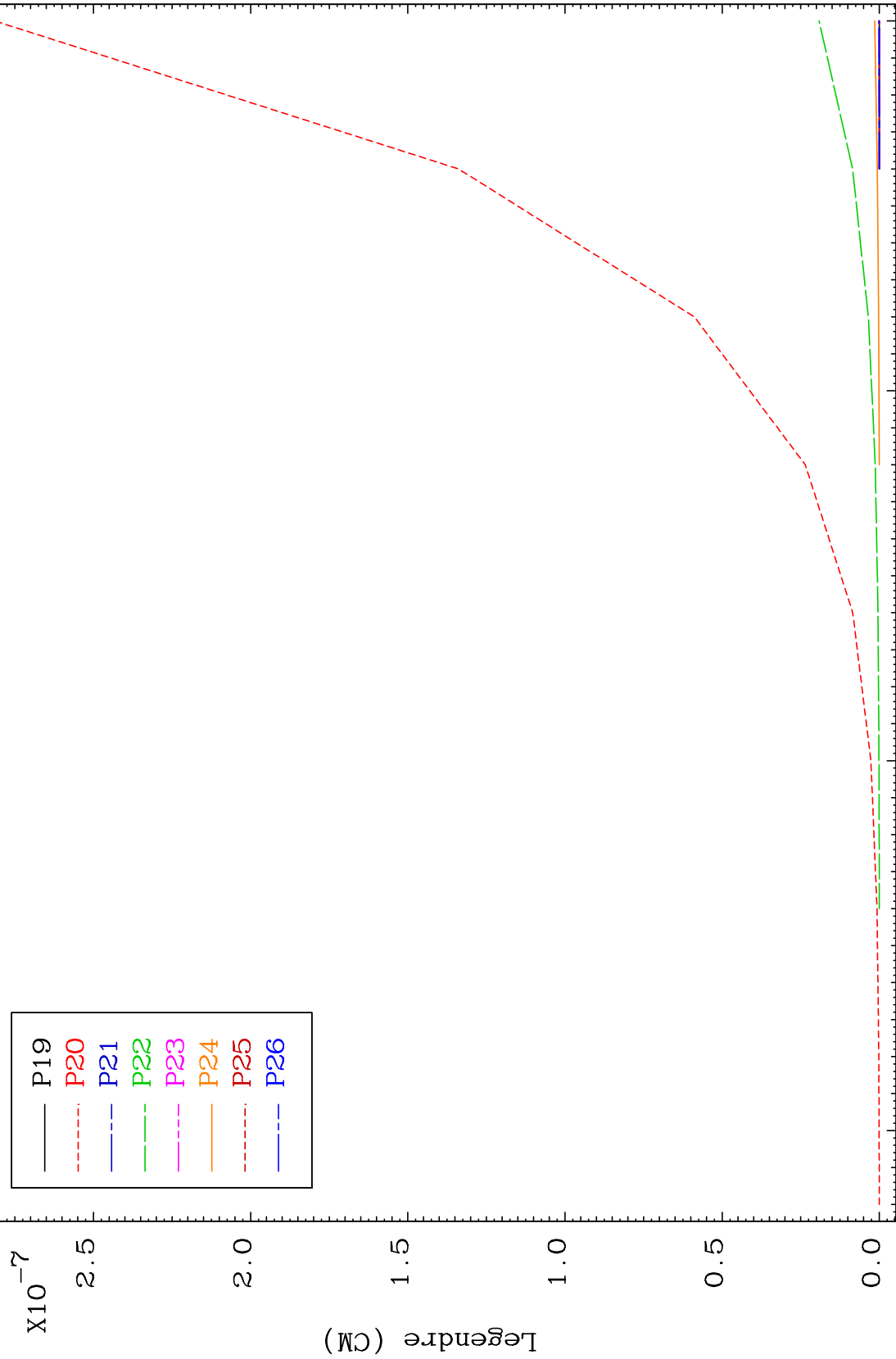
16

41-Nb-92m

MAT 4123

Elastic Legendre Coefficients

41-Nb-92m



17

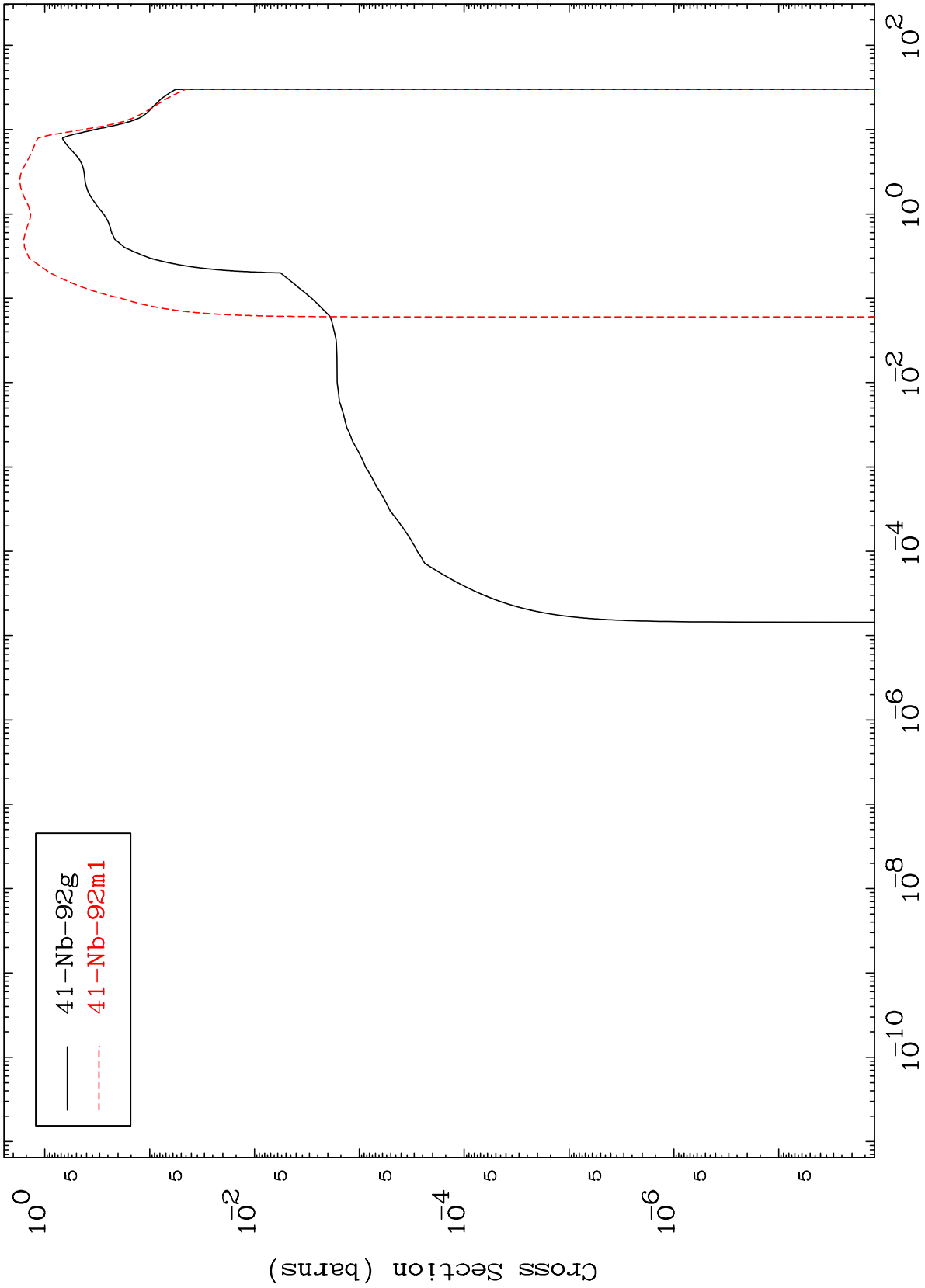
Incident Energy (MeV)

41-Nb-92m

MAT 4123

41-Nb-92m

Inelastic  
Radionuclide Production Cross Section

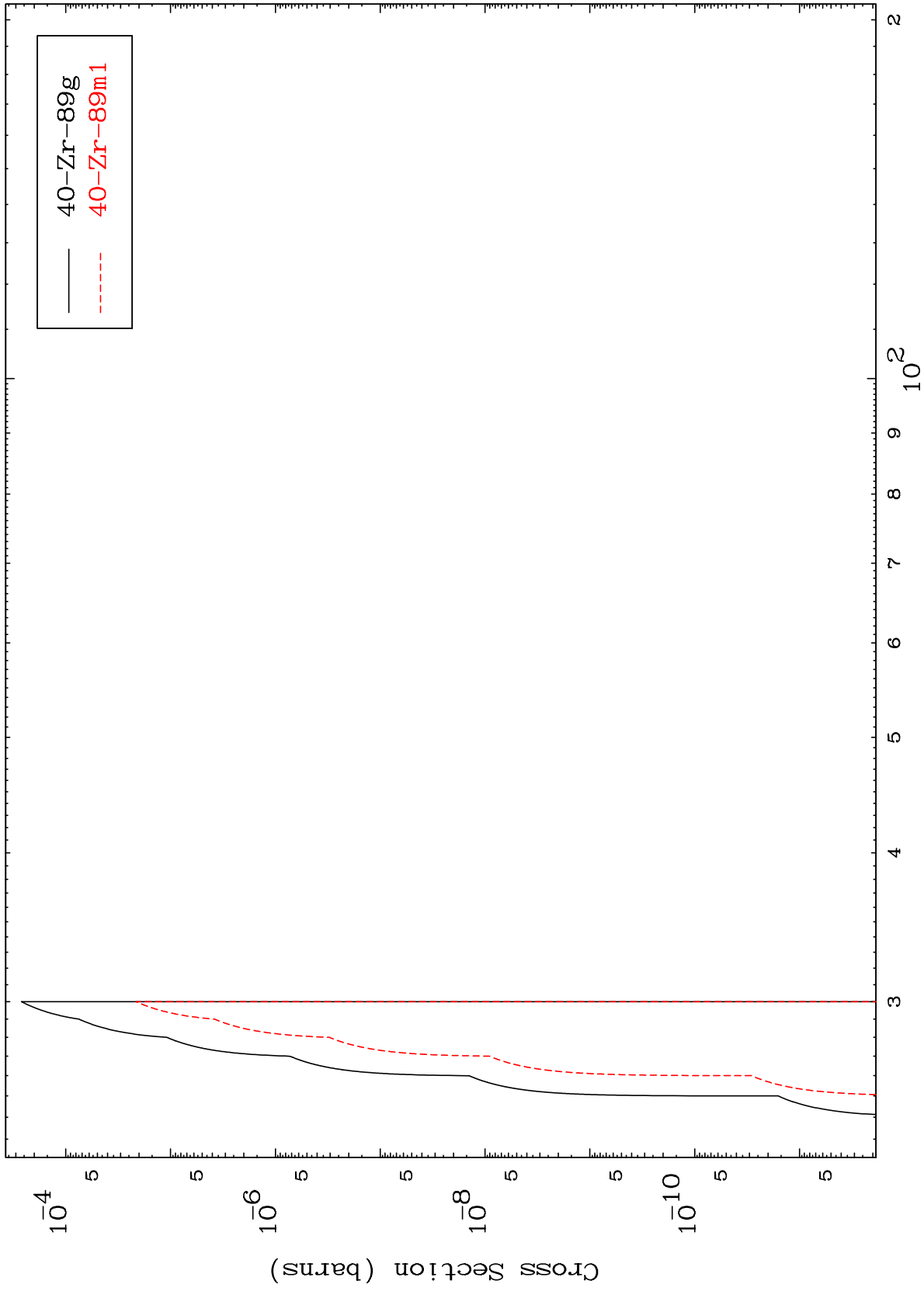


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(n,2n) d

41-Nb-92m

Radionuclide Production Cross Section



19

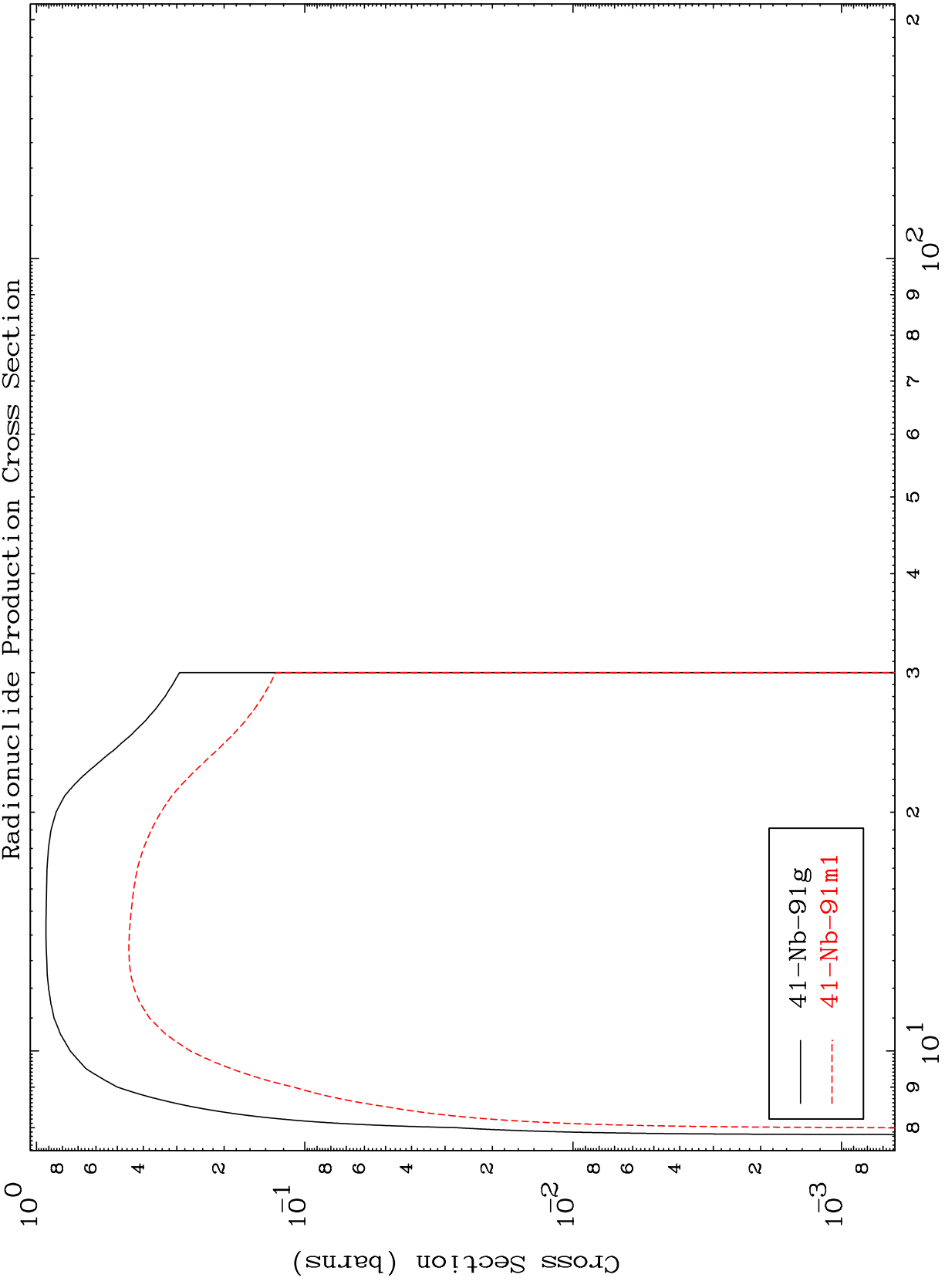
Incident Energy (MeV)

41-Nb-92m

MAT 4123

41-Nb-92m

Radionuclide Production Cross Section  
(n,2n)



20

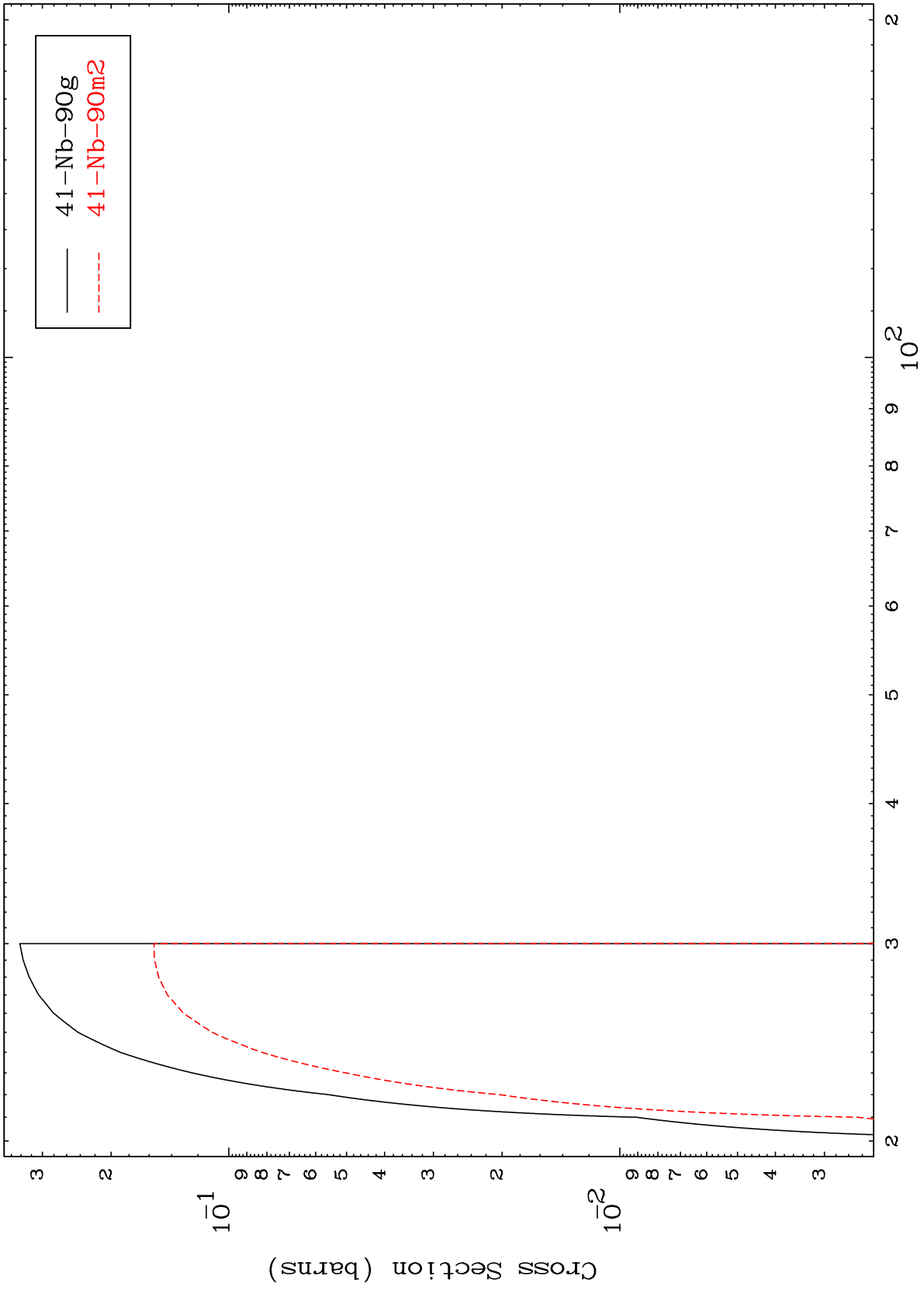
Incident Energy (MeV)

41-Nb-92m

MAT 4123

41-Nb-92m

(n,3n)  
Radionuclide Production Cross Section



21

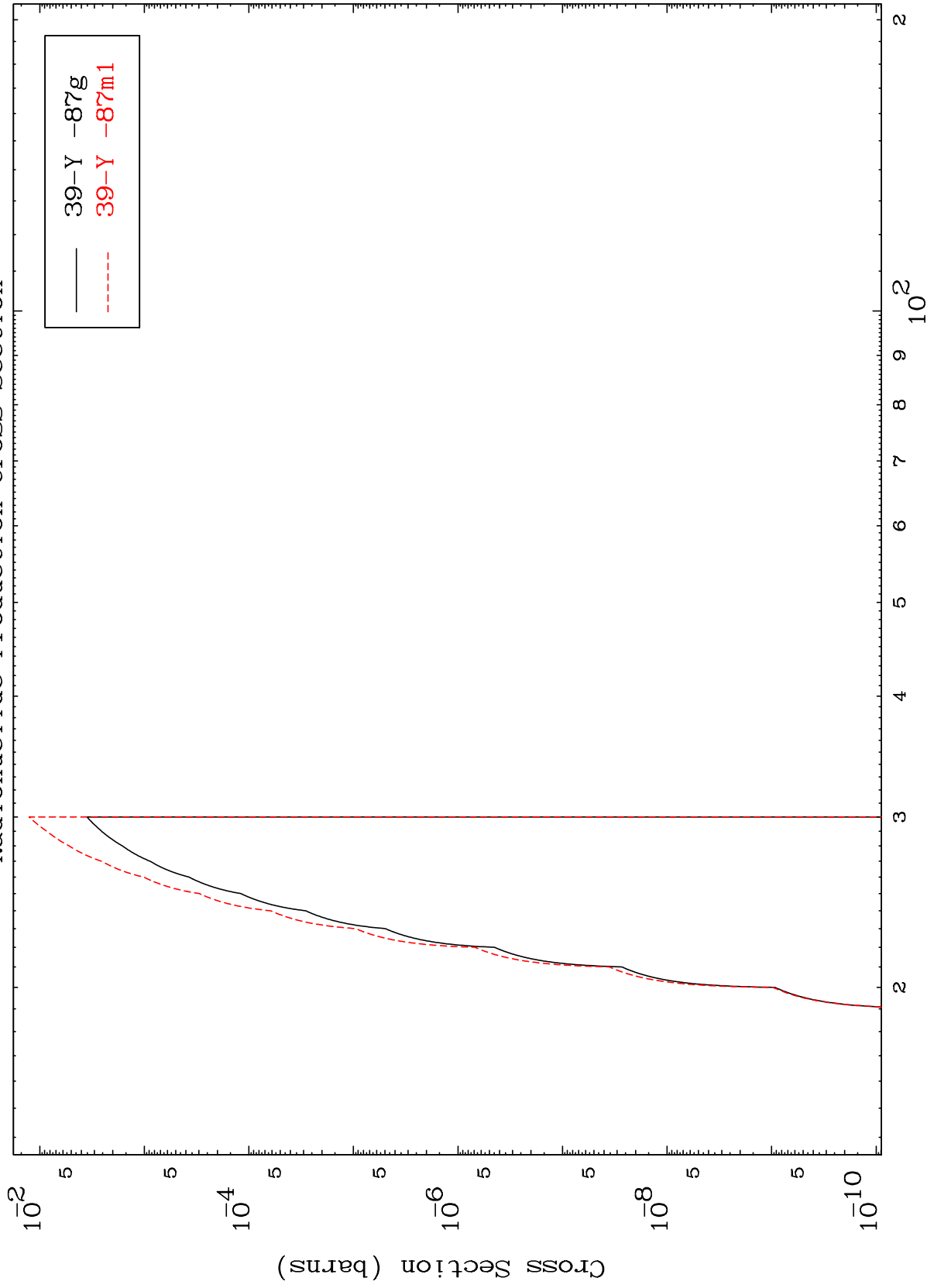
41-Nb-92m

MAT 4123

(n,2n)  $\alpha$

41-Nb-92m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

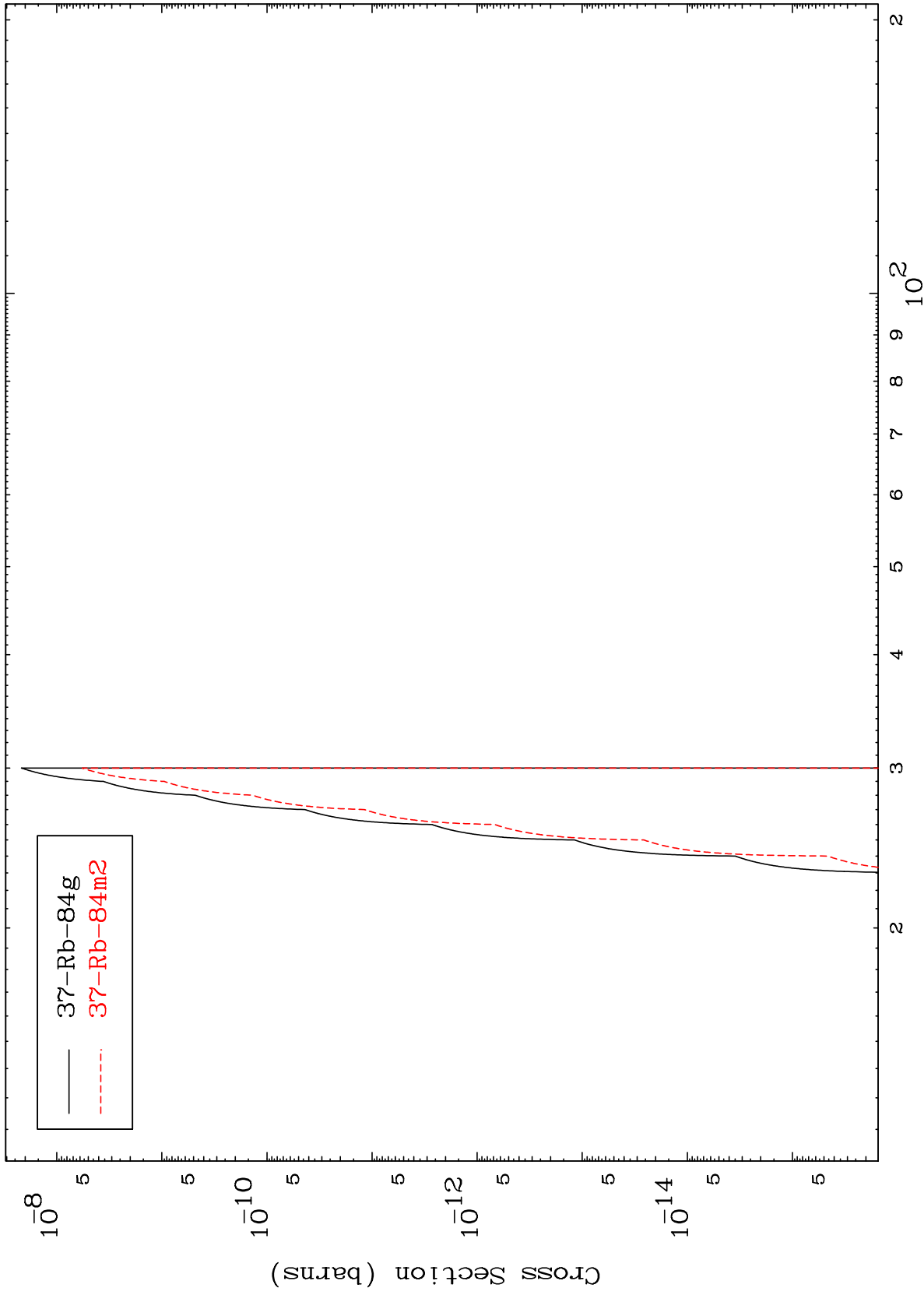
41-Nb-92m

MAT 4123

(n,n') 2α

41-Nb-92m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

41-Nb-92m

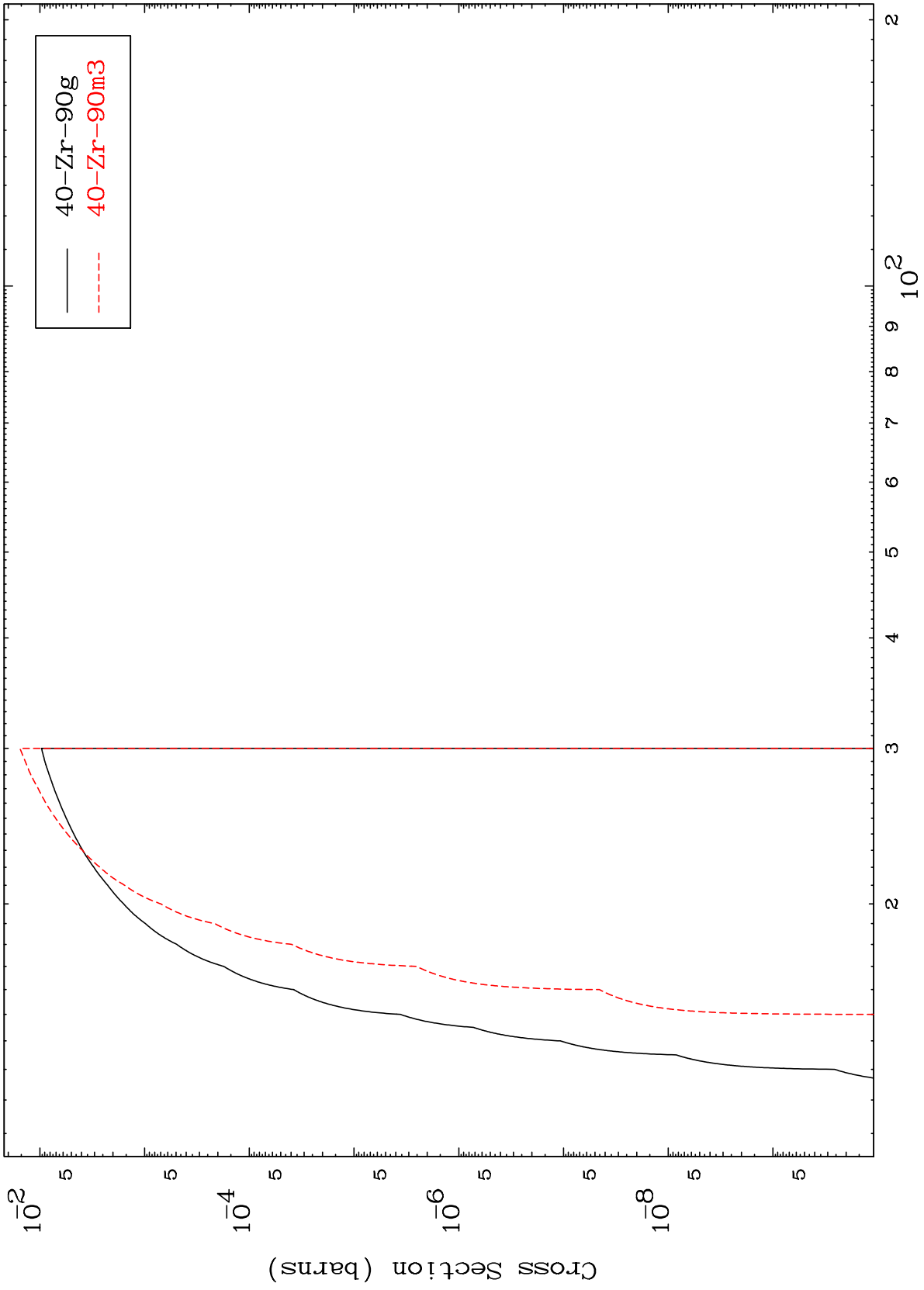


MAT 4123

(n,n') d

41-Nb-92m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

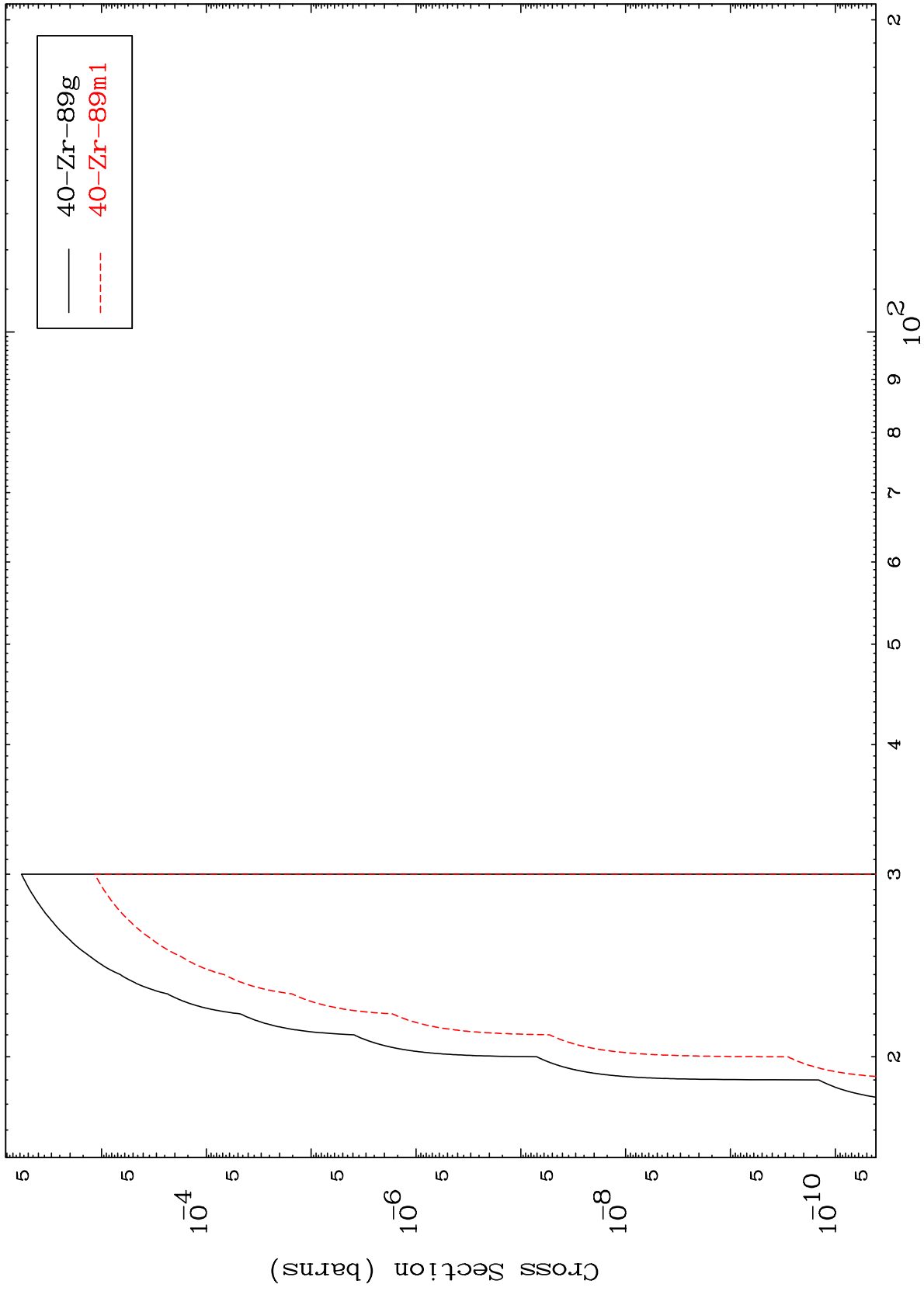
41-Nb-92m

MAT 4123

(n,n') t

41-Nb-92m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

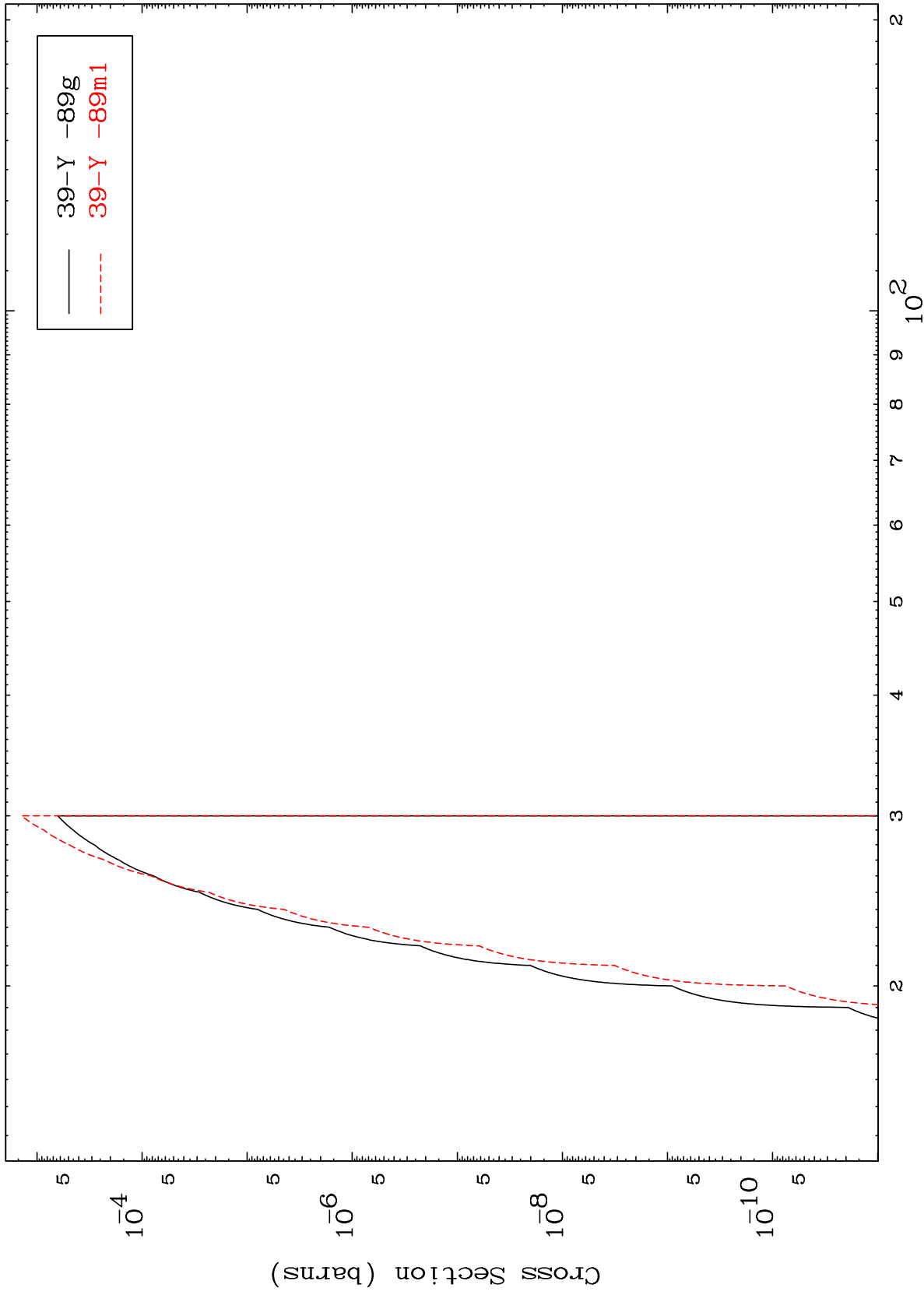
41-Nb-92m

MAT 4123

(n, n') He-3

41-Nb-92m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

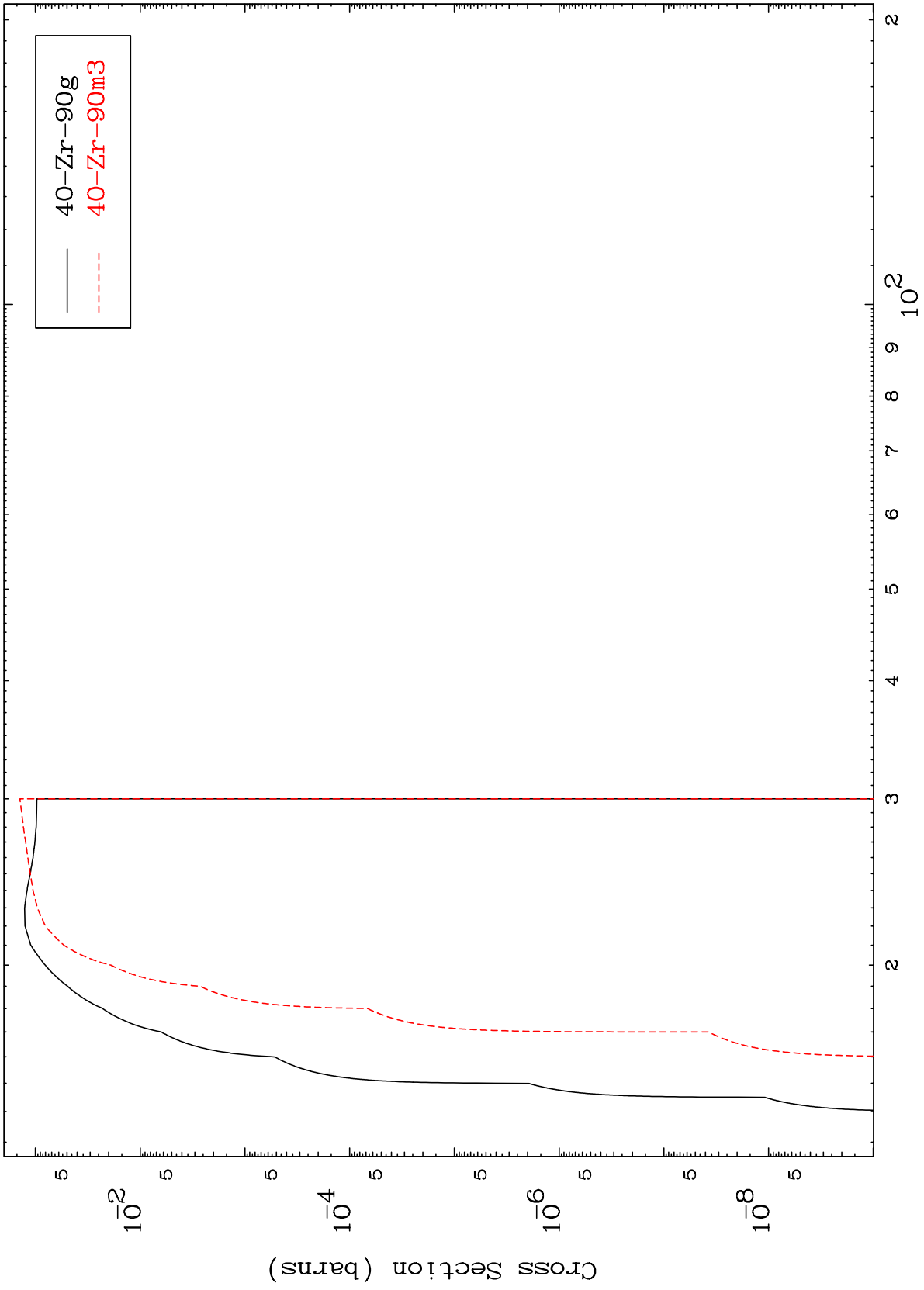
41-Nb-92m

MAT 4123

(n,2n) p

41-Nb-92m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

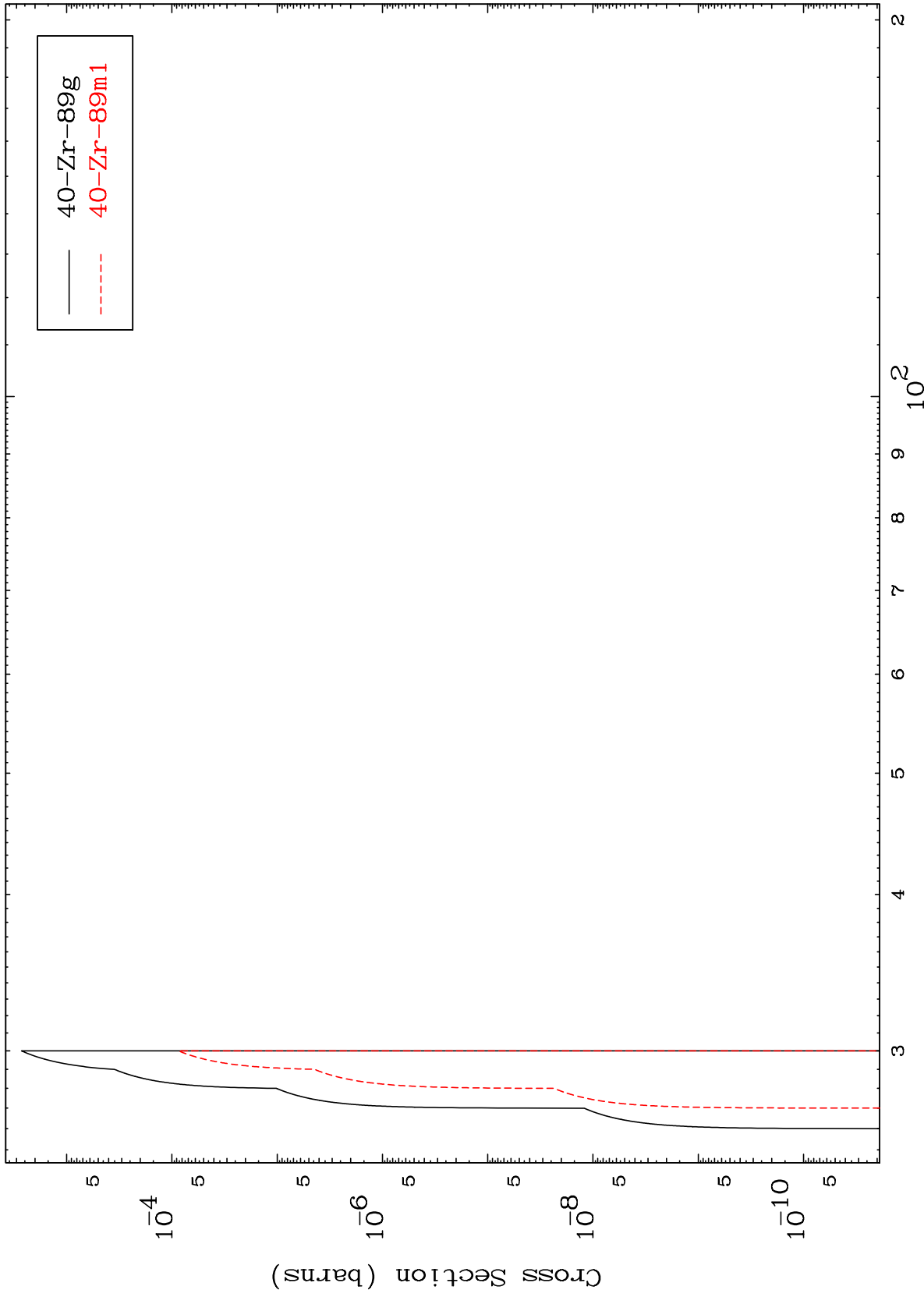
41-Nb-92m

MAT 4123

(n,3n) p

41-Nb-92m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

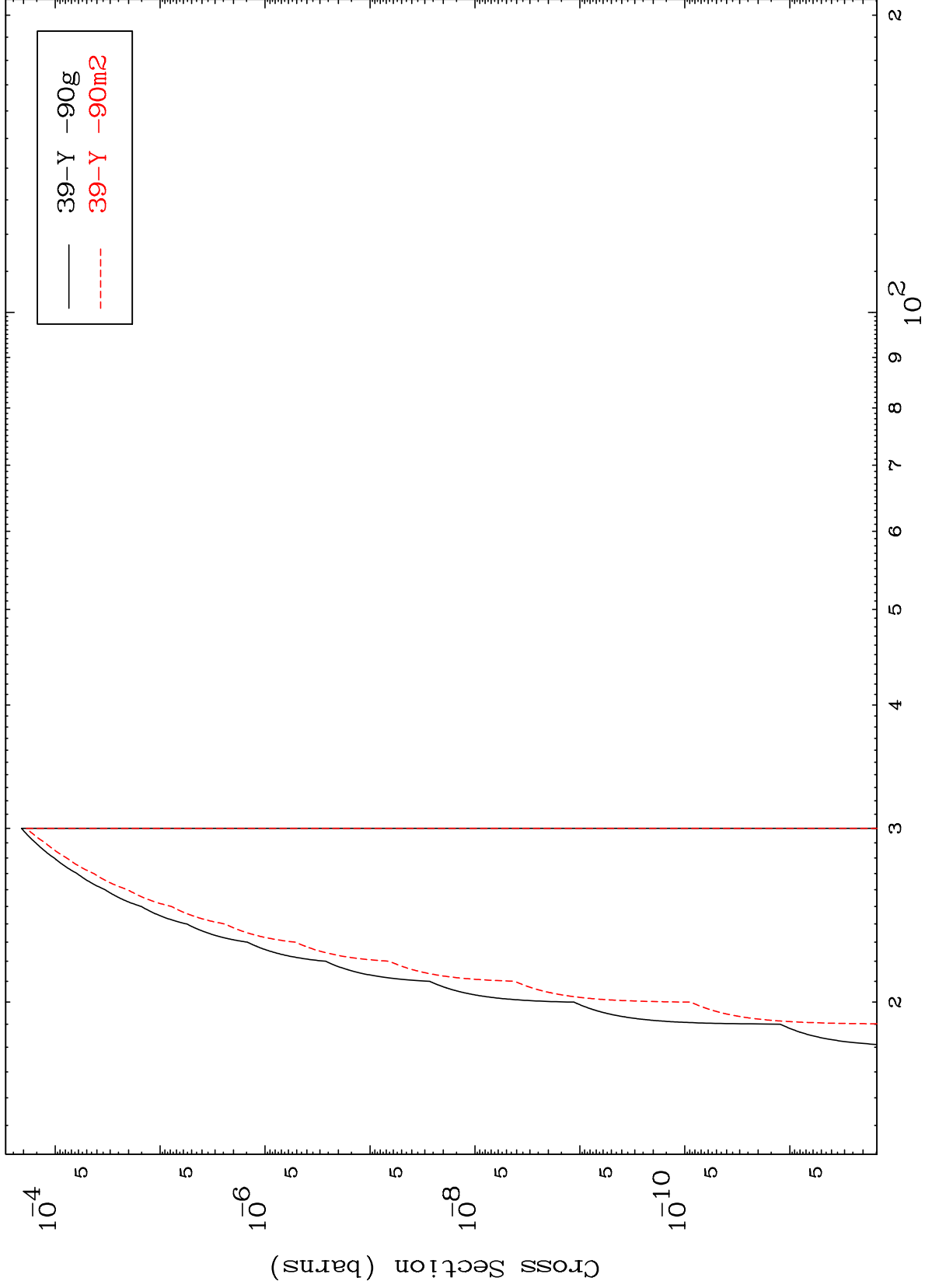
41-Nb-92m

MAT 4123

(n,2n) p

41-Nb-92m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

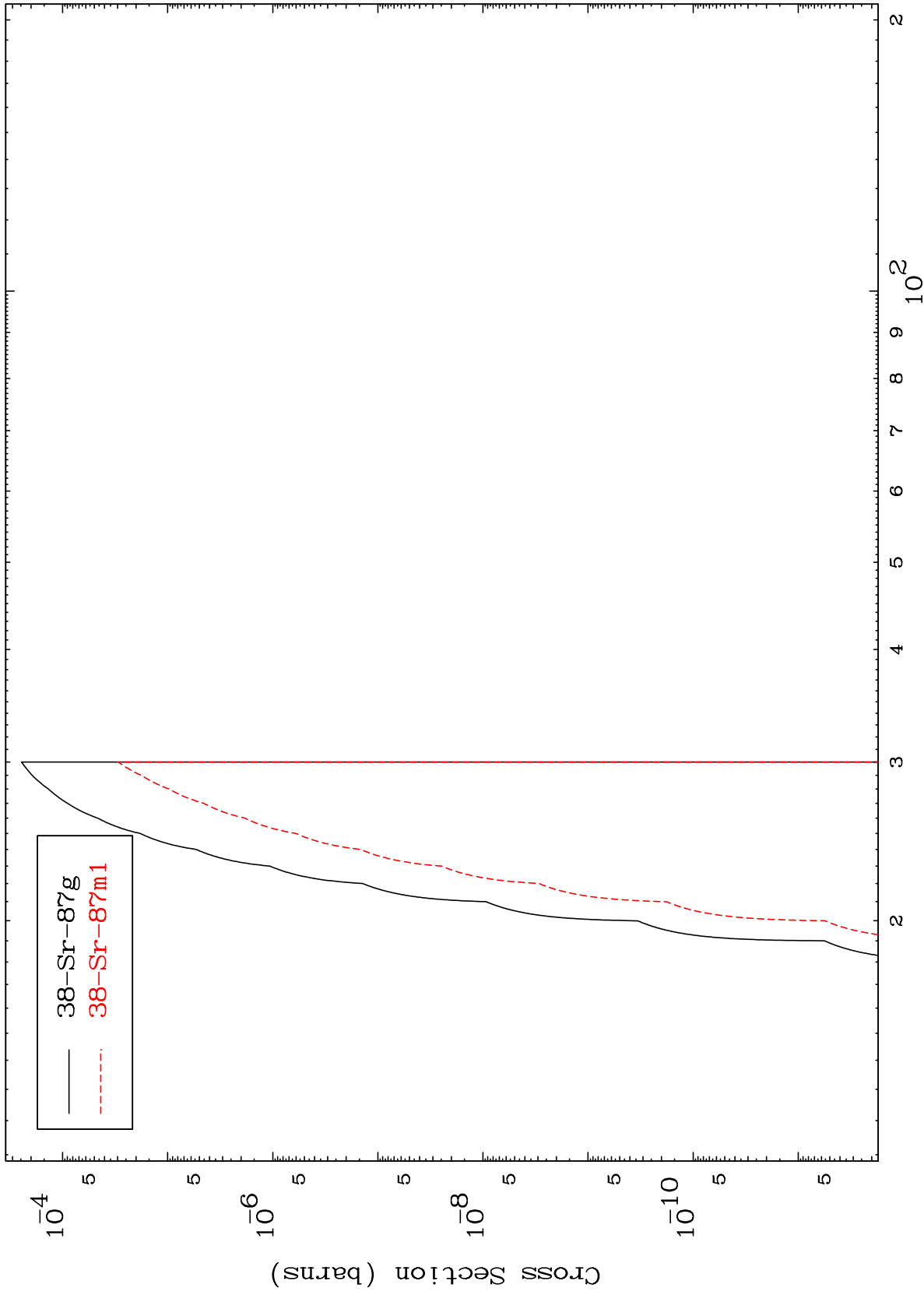
41-Nb-92m

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(n,n') p  $\alpha$

41-Nb-92m

Radionuclide Production Cross Section



30

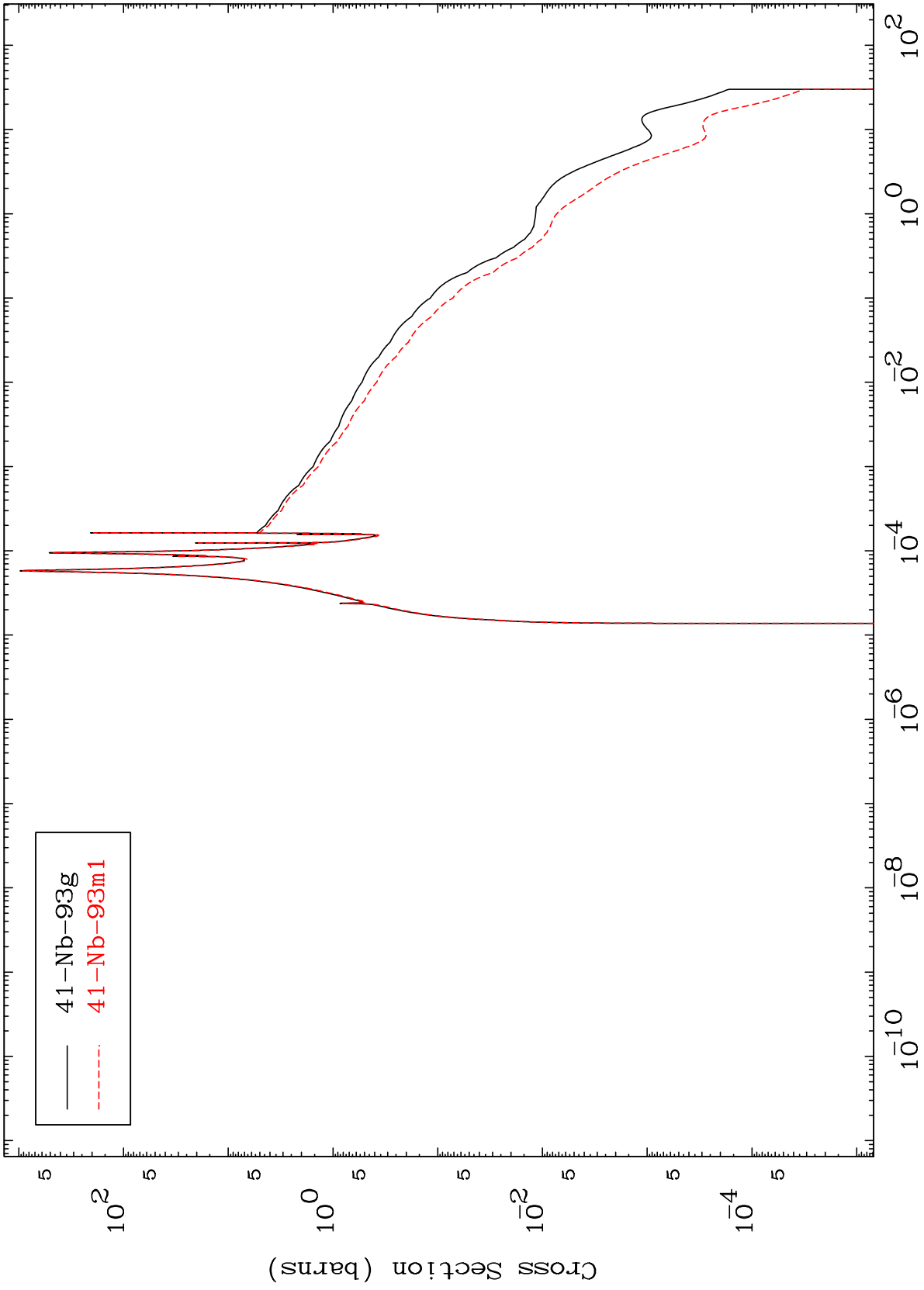
Incident Energy (MeV)

41-Nb-92m

MAT 4123

41-Nb-92m

Radionuclide Production Cross Section (n,γ)



31

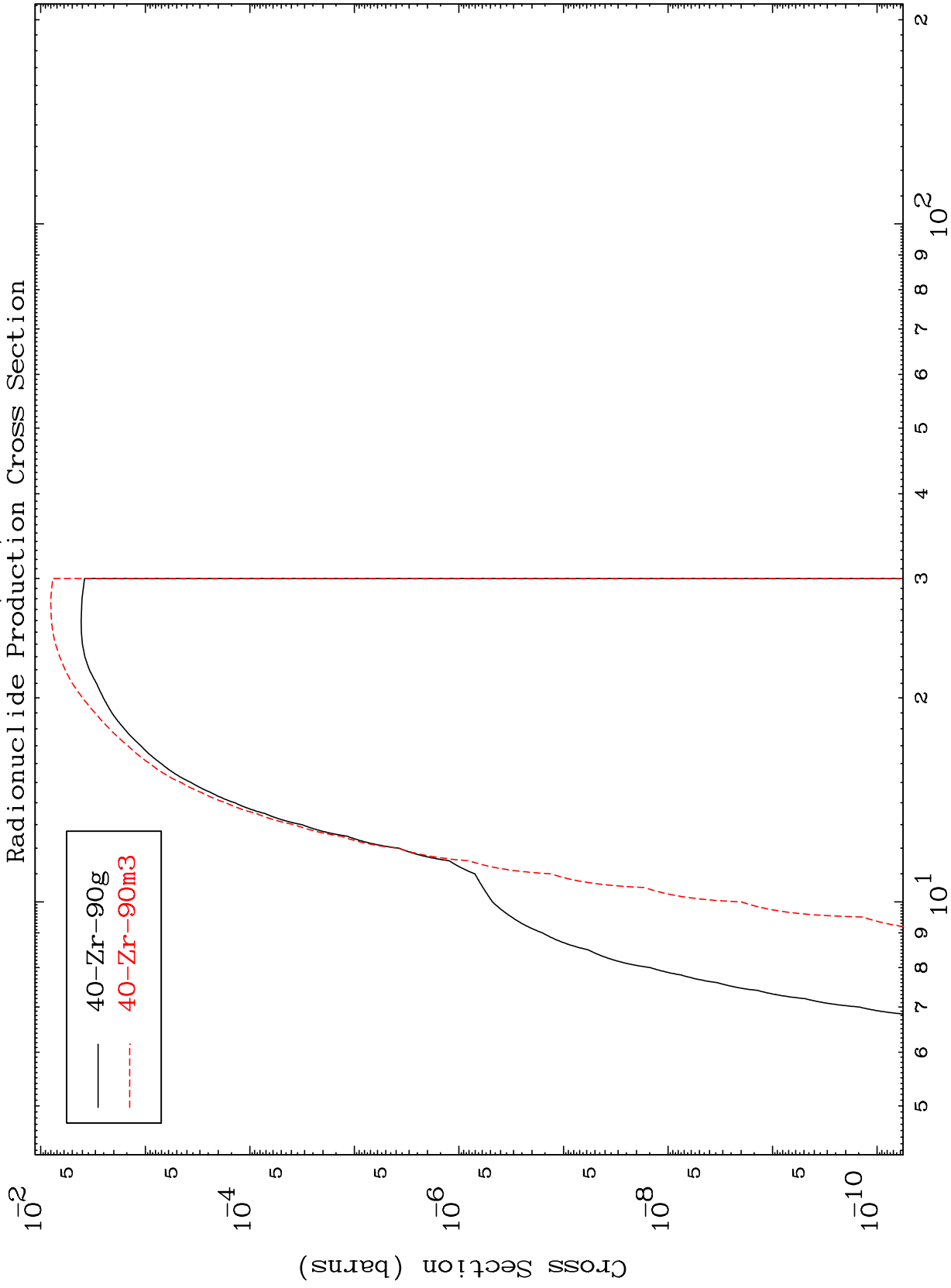
41-Nb-92m



MAT 4123

41-Nb-92m

(n, t)  
Radionuclide Production Cross Section



32

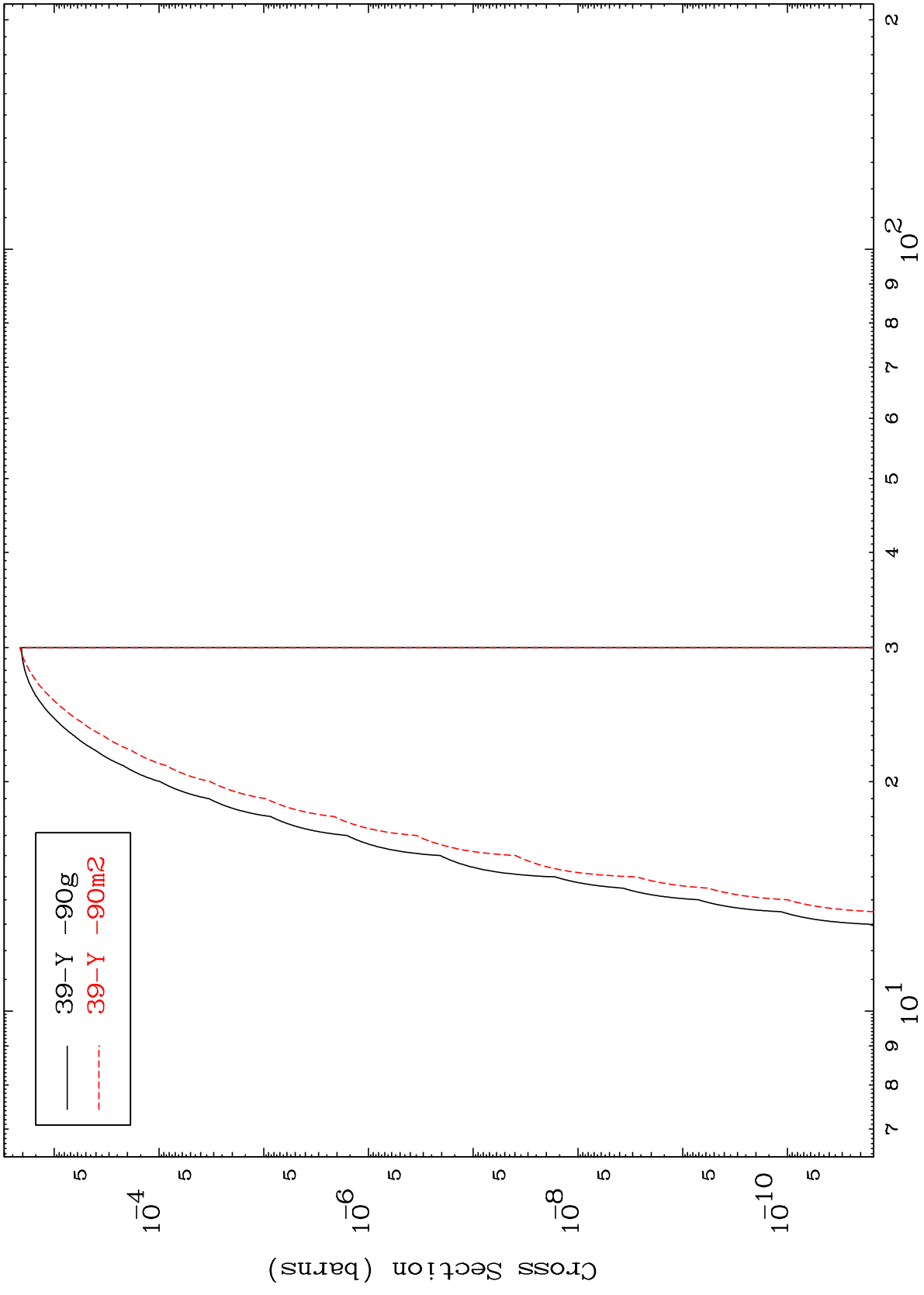
41-Nb-92m

MAT 4123

(n, He-3)

41-Nb-92m

Radionuclide Production Cross Section



33

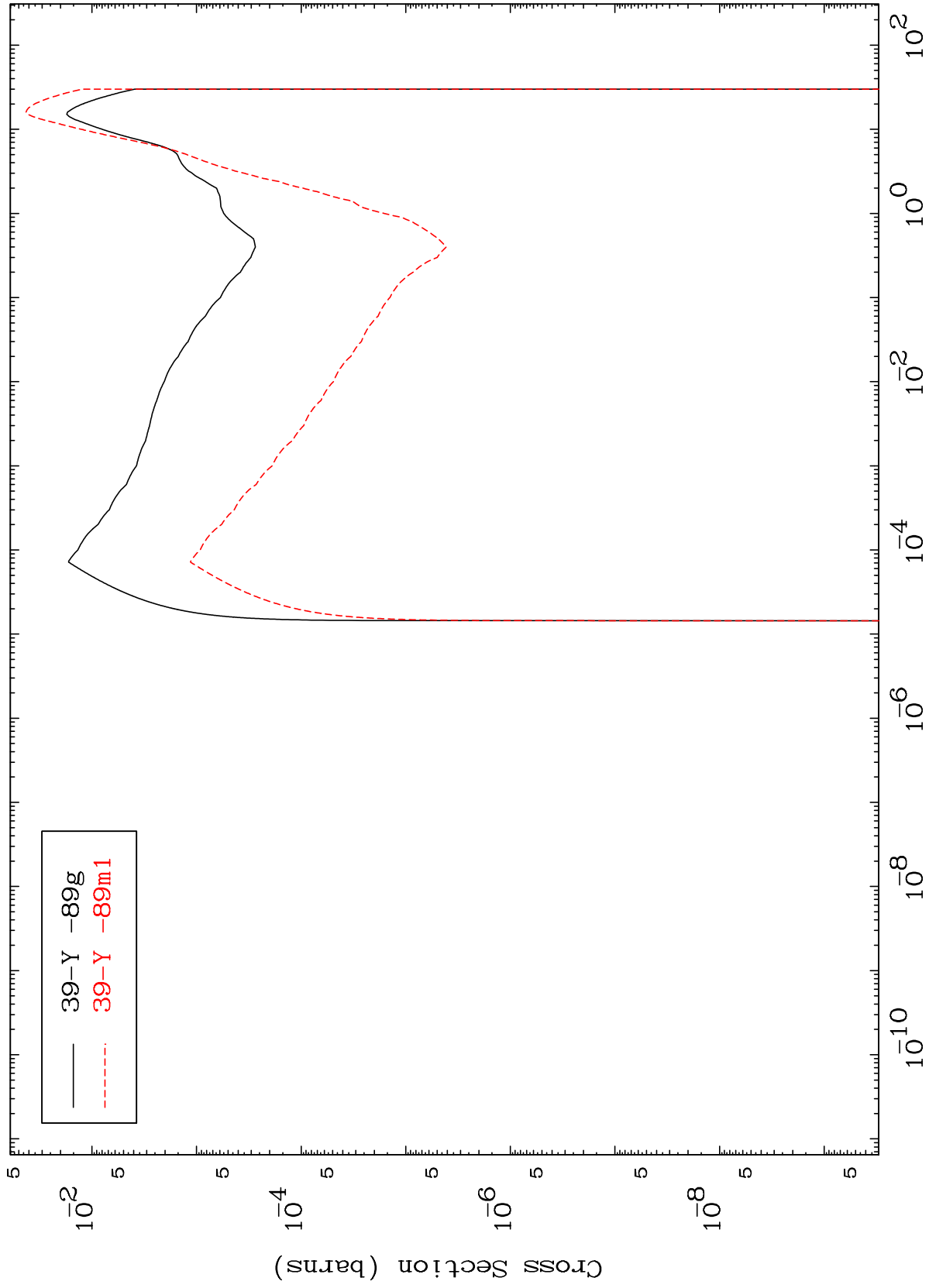
Incident Energy (MeV)

41-Nb-92m

MAT 4123

41-Nb-92m

Radionuclide Production Cross Section



34

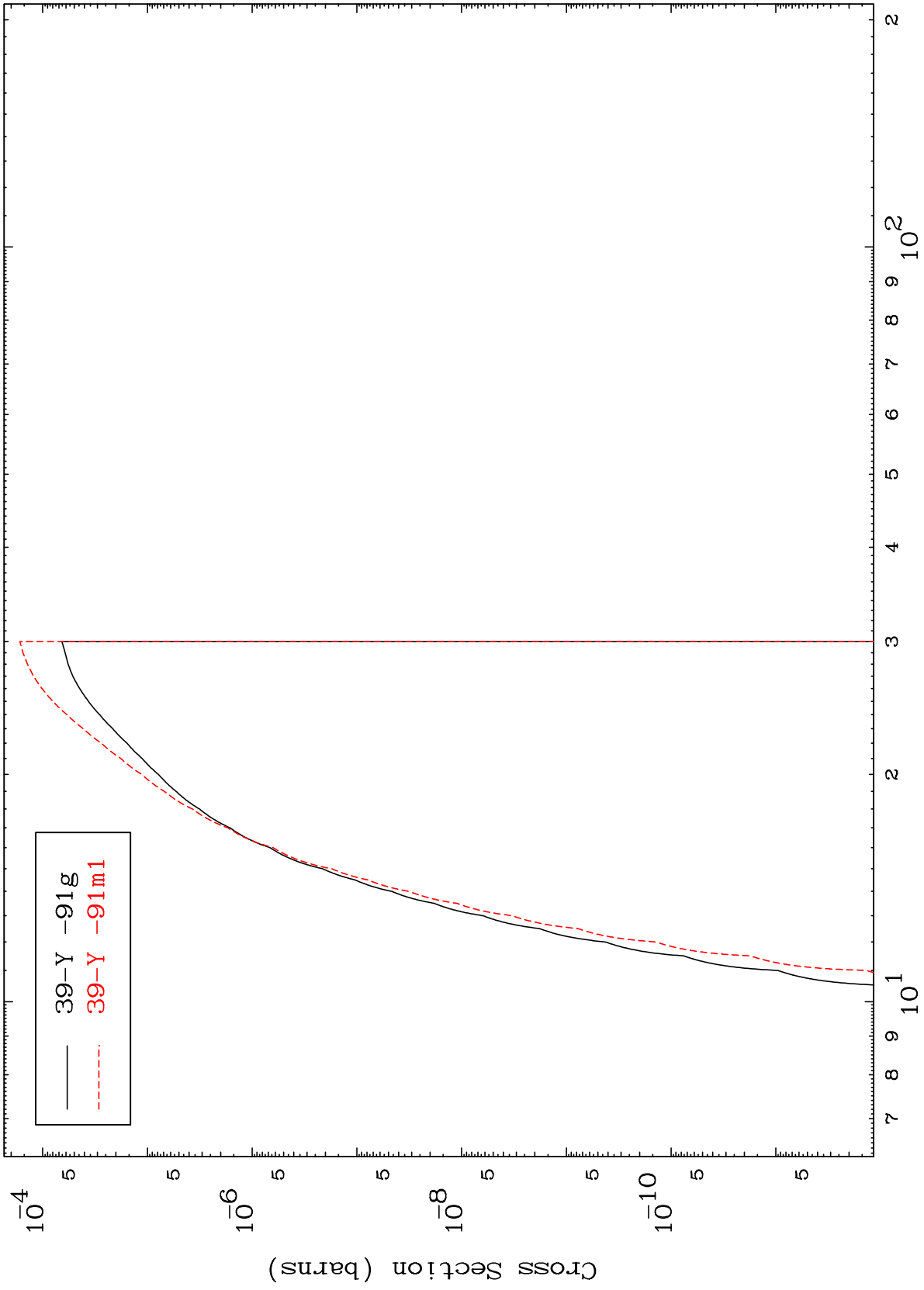
Incident Energy (MeV)

41-Nb-92m

MAT 4123

41-Nb-92m

(n,2p)  
Radionuclide Production Cross Section



35

Incident Energy (MeV)

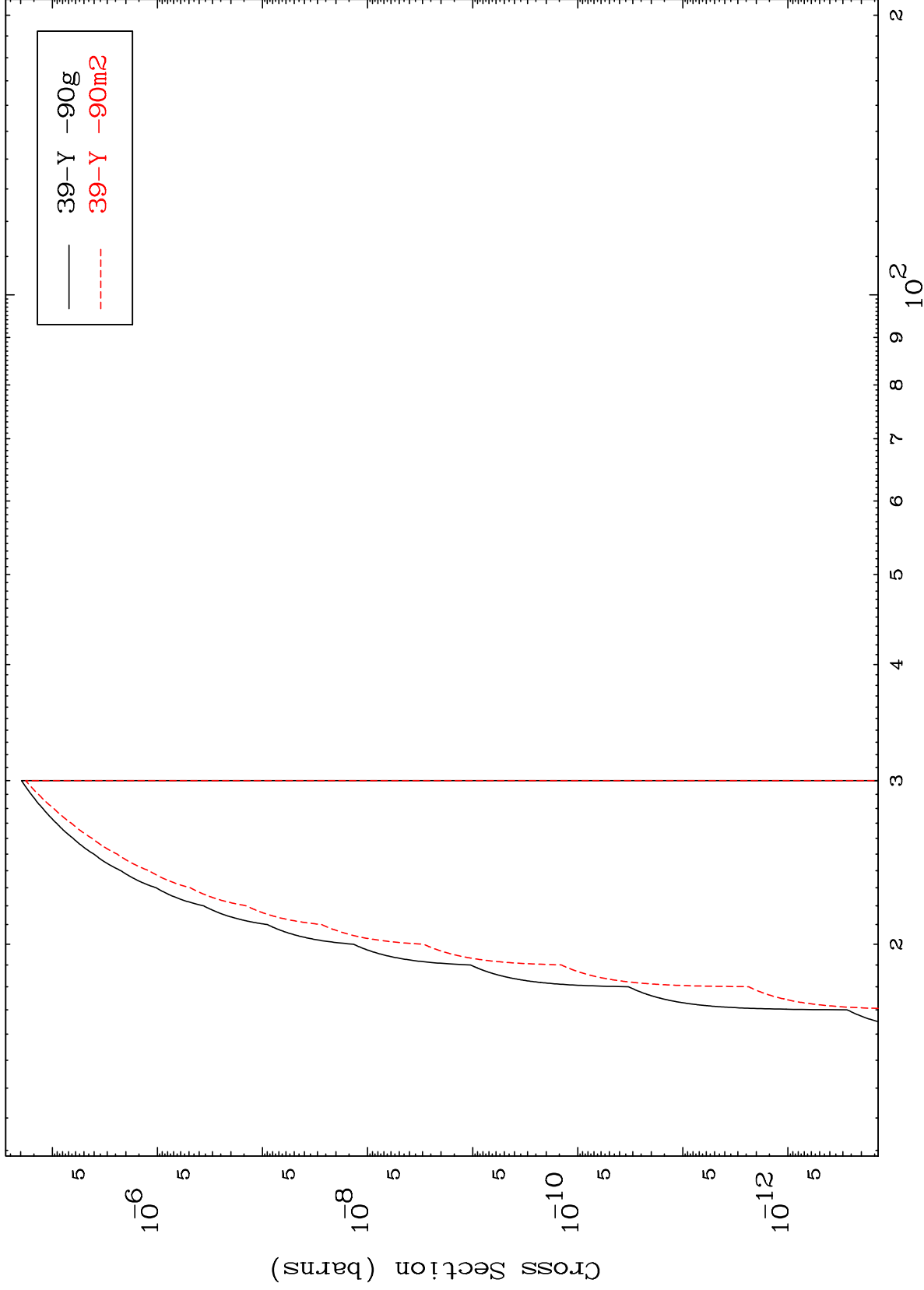
41-Nb-92m

MAT 4123

(n,p) d

41-Nb-92m

Radionuclide Production Cross Section



36

Incident Energy (MeV)

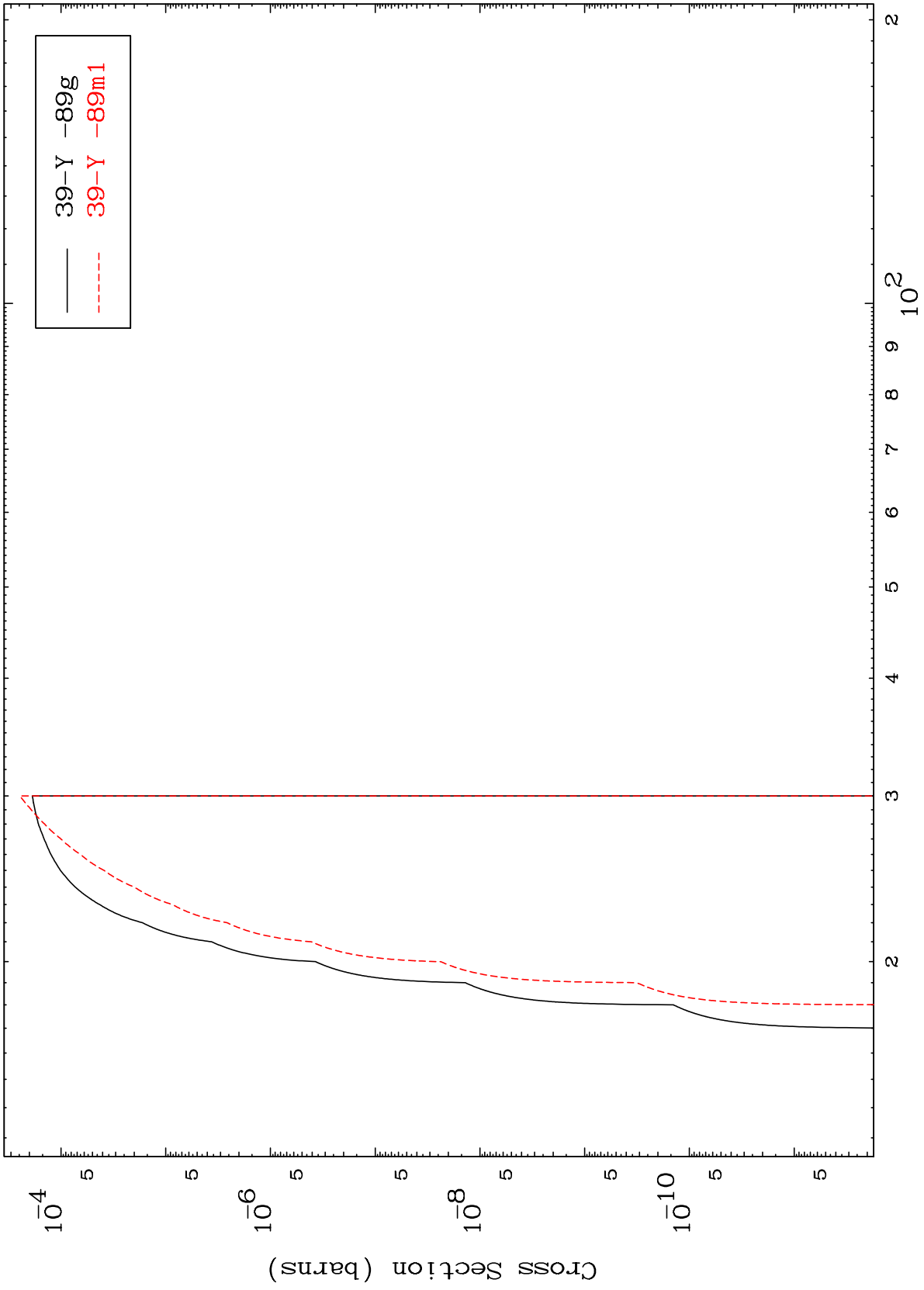
41-Nb-92m

MAT 4123

(n,p) t

41-Nb-92m

Radionuclide Production Cross Section



37

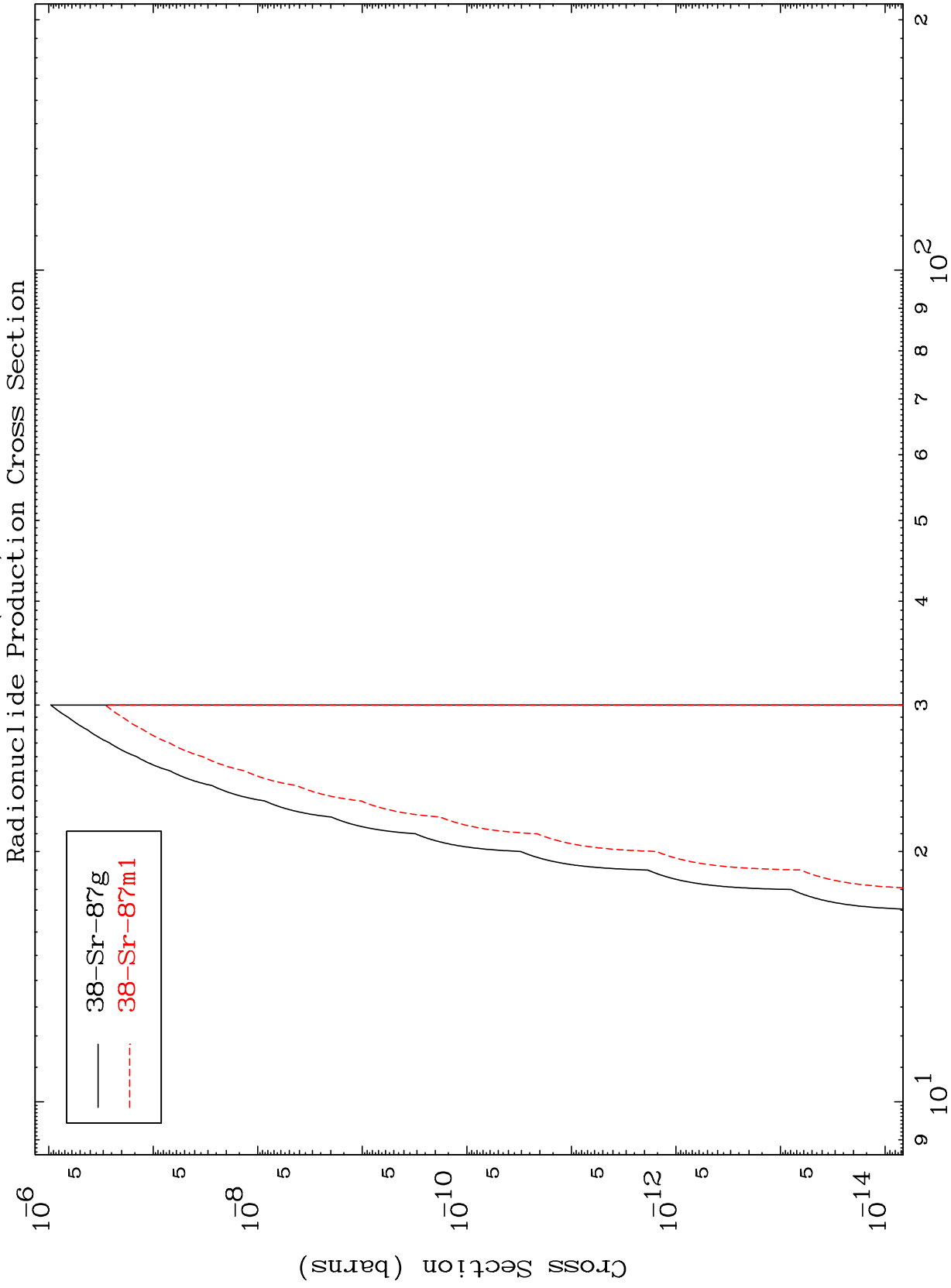
Incident Energy (MeV)

41-Nb-92m

MAT 4123

(n,d)  $\alpha$

41-Nb-92m



38

Incident Energy (MeV)

41-Nb-92m