

Program EVALPLOT  
(Version 2021-1)

by

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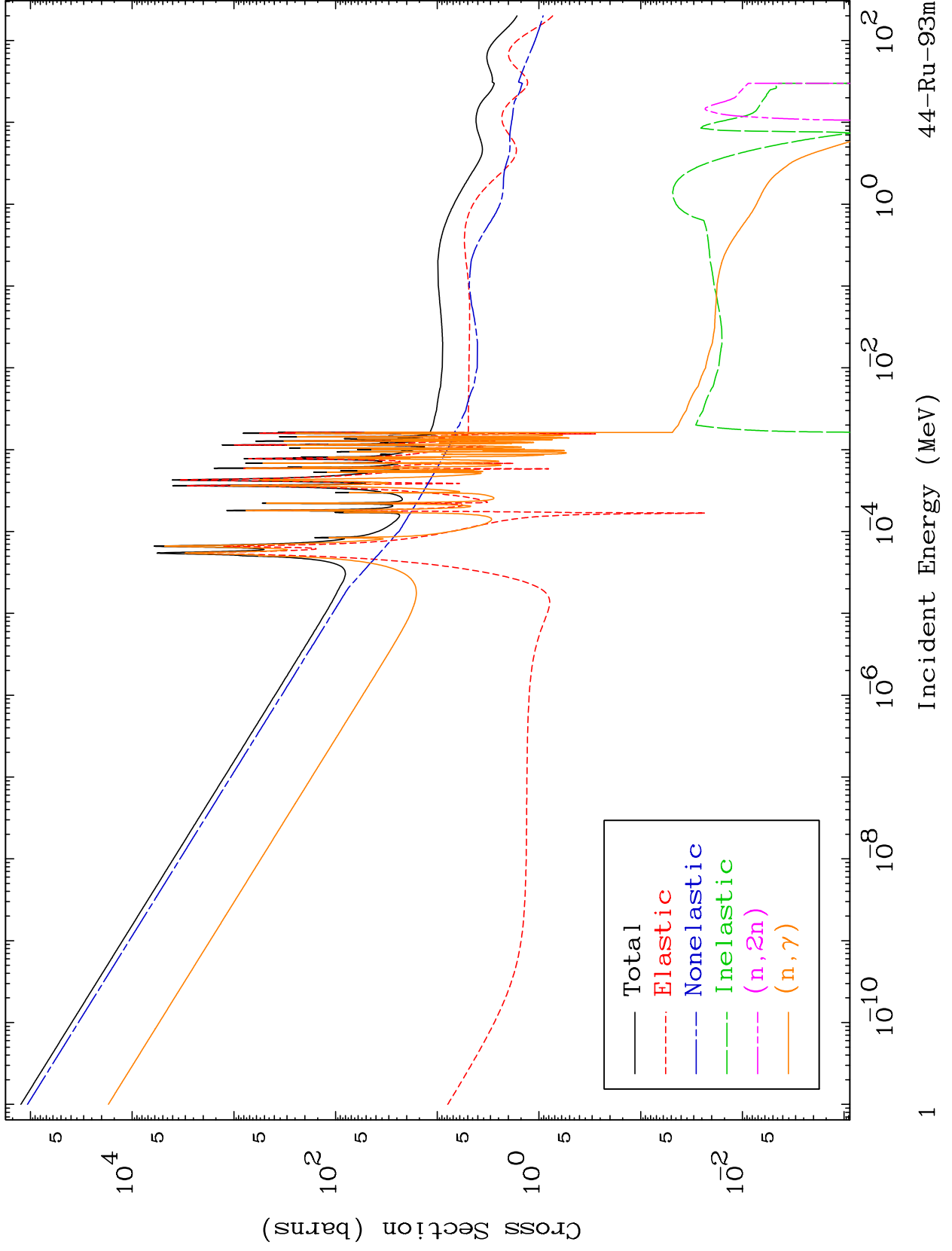
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4417

Neutron Major  
293 Kelvin Cross Sections

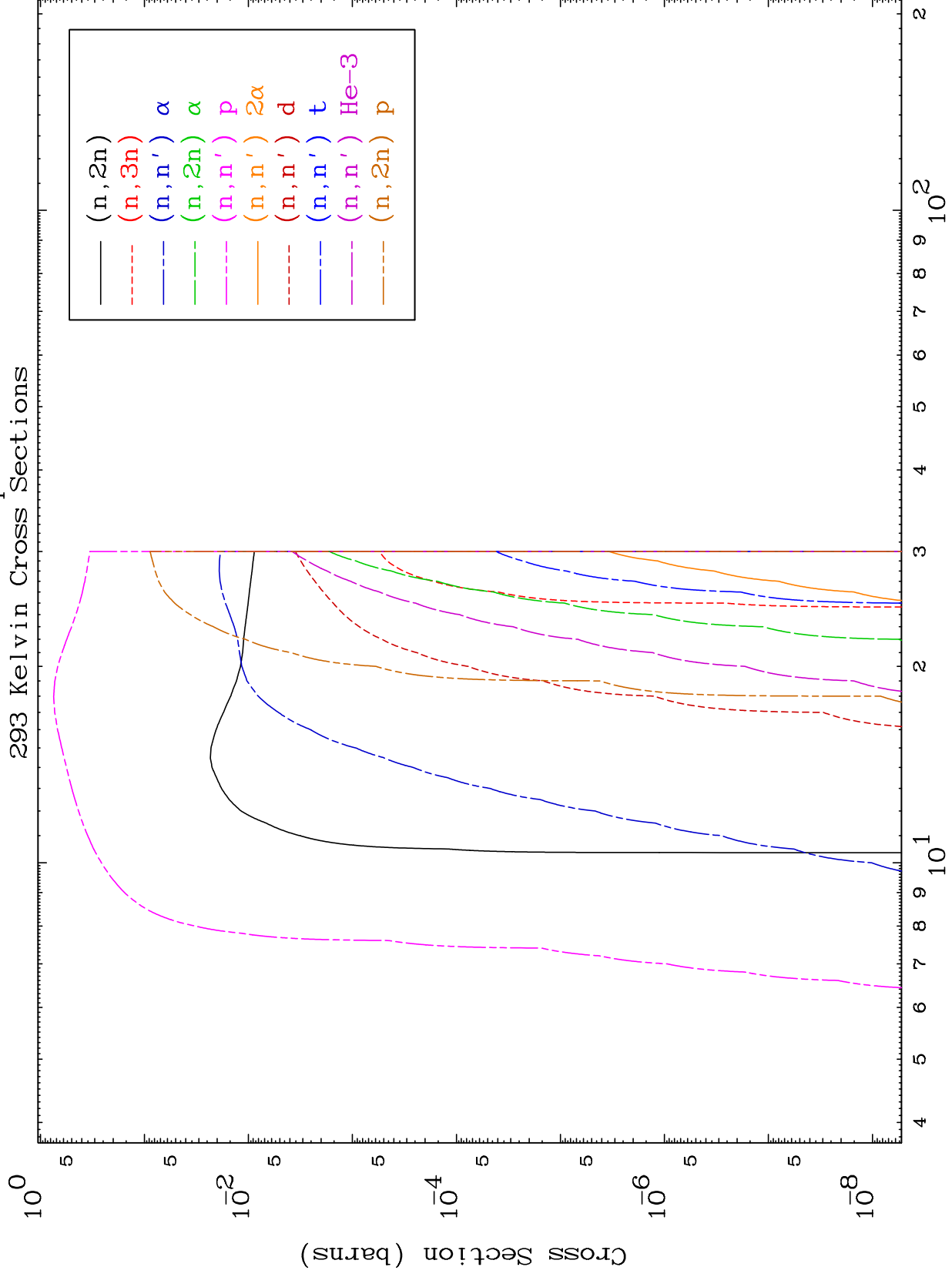
44-Ru-93m



MAT 4417

Neutron Absorption  
293 Kelvin Cross Sections

44-Ru-93m



2

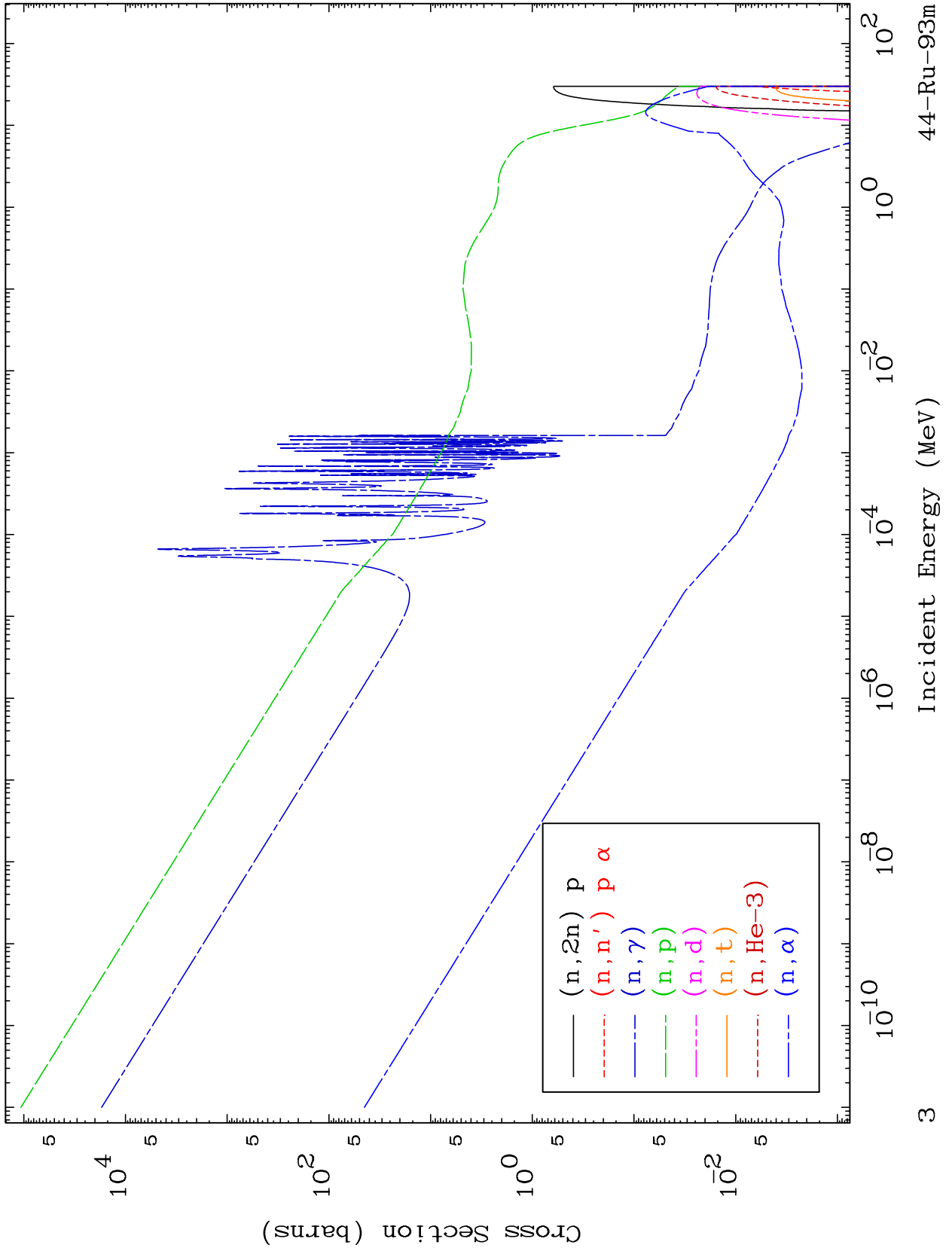
Incident Energy (MeV)

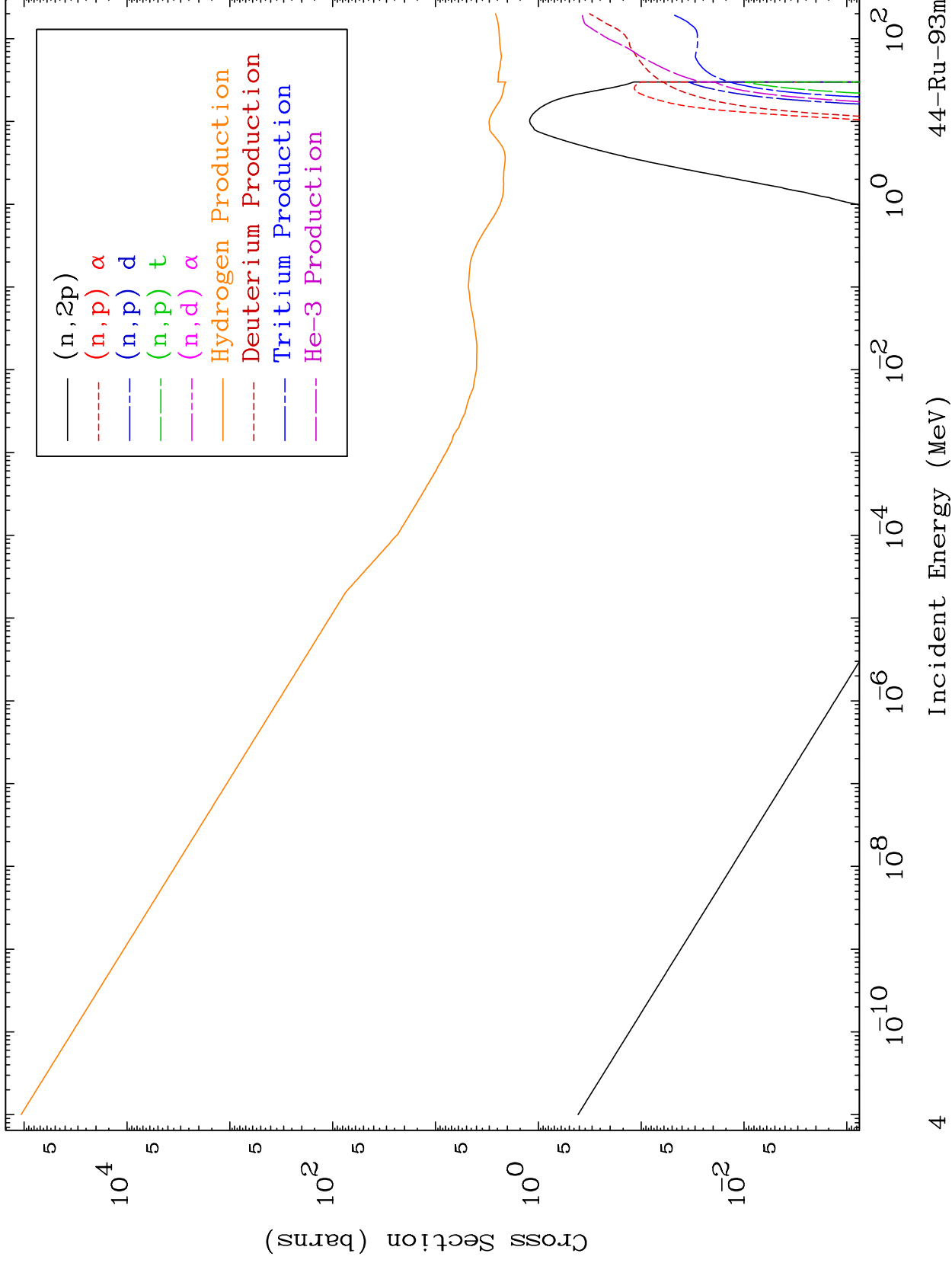
44-Ru-93m

MAT 4417

Neutron Absorption  
293 Kelvin Cross Sections

44-Ru-93m

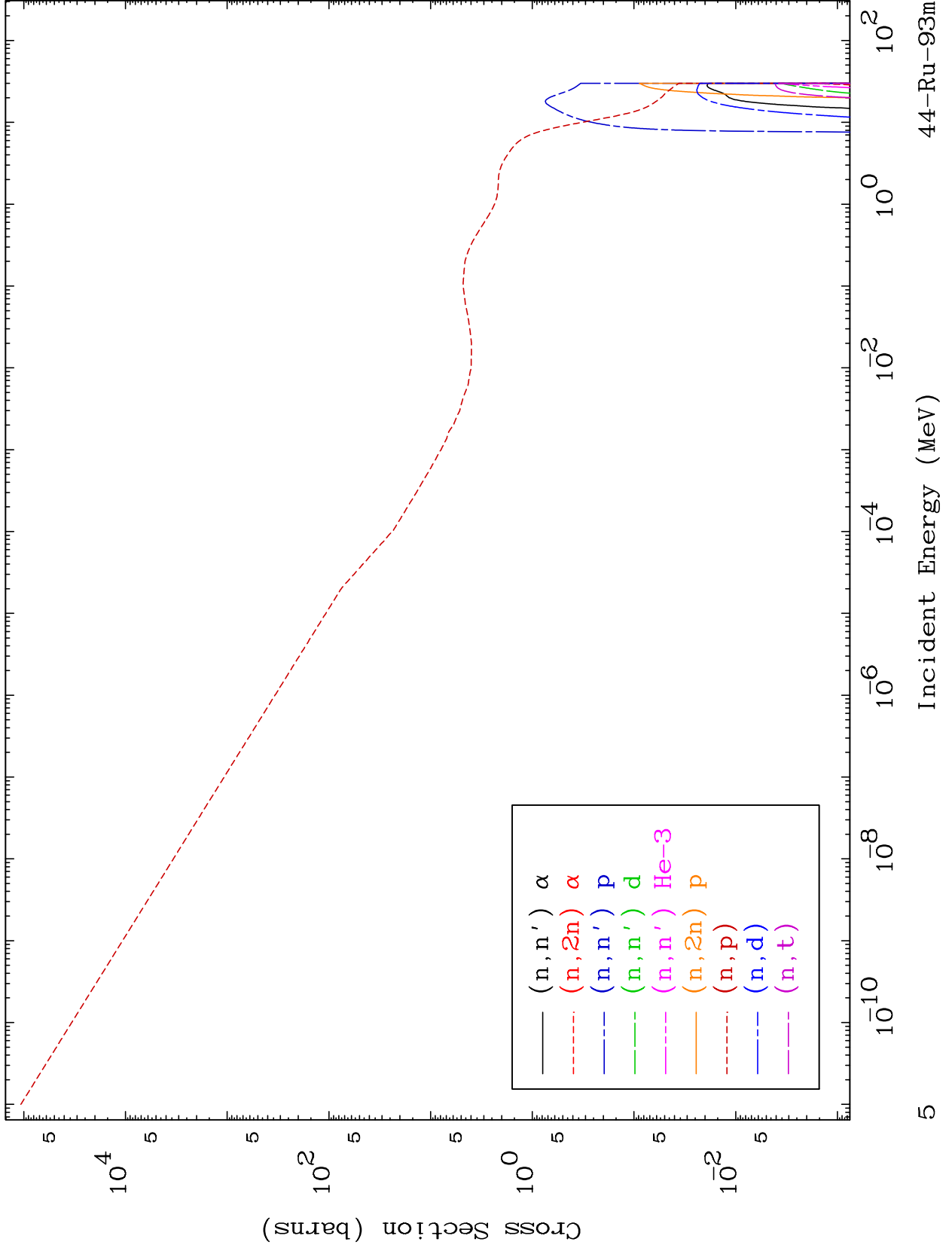




MAT 4417

Charged Particle  
293 Kelvin Cross Sections

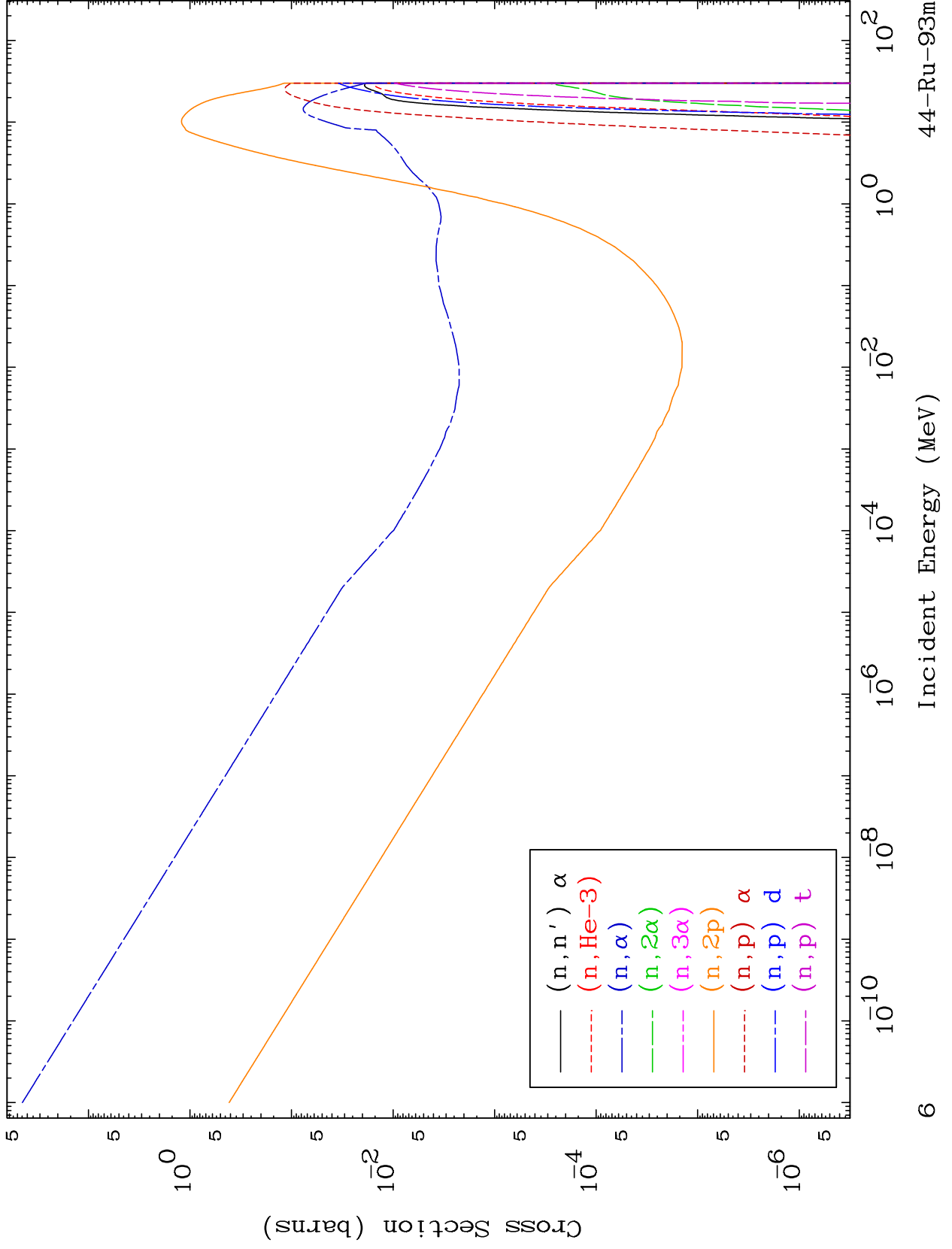
44-Ru-93m



MAT 4417

Charged Particle  
293 Kelvin Cross Sections

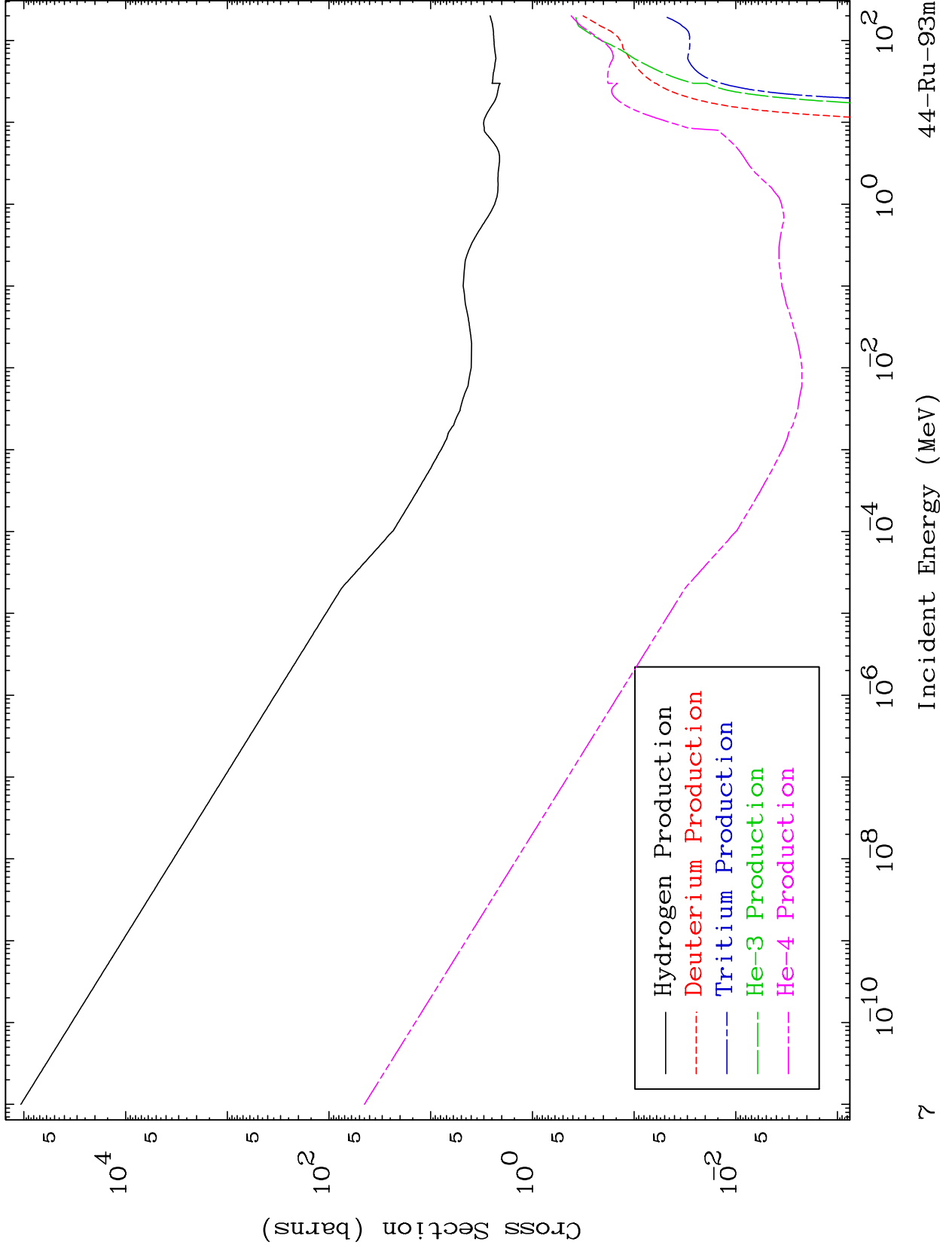
44-Ru-93m



MAT 4417

Particle Production  
293 Kelvin Cross Sections

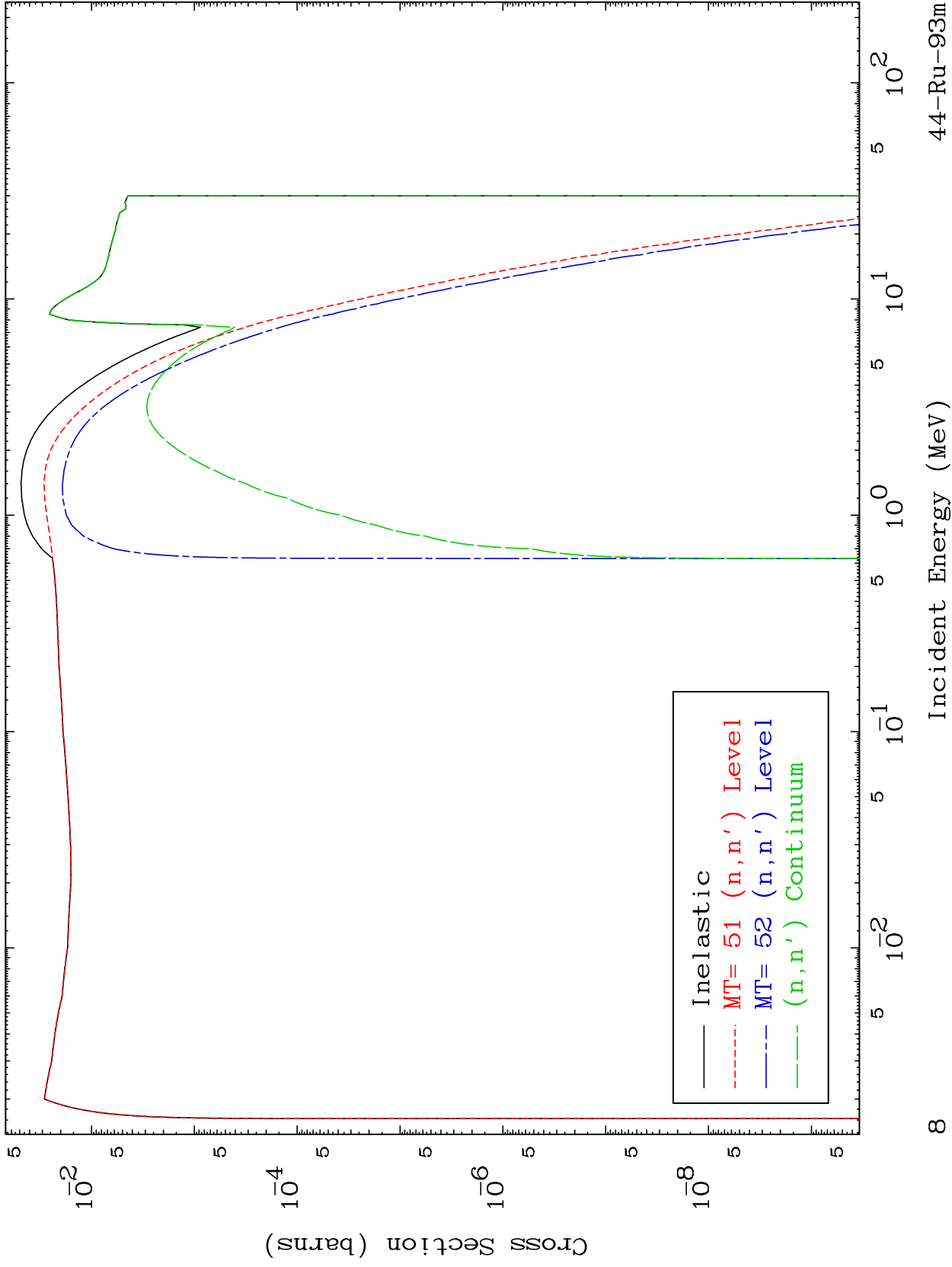
44-Ru-93m



MAT 4417

(n,n') Levels  
293 Kelvin Cross Sections

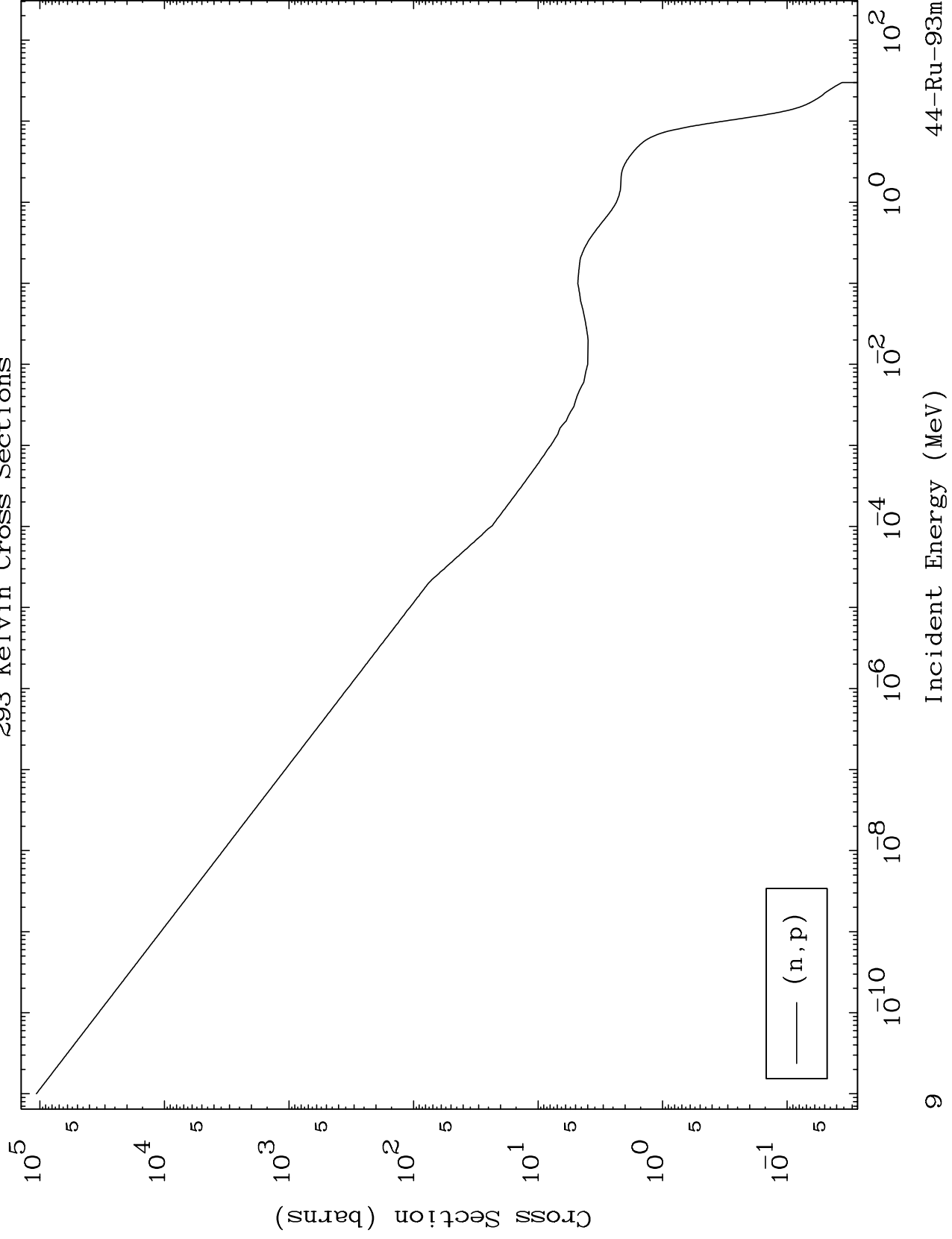
44-Ru-93m



MAT 4417

(n,p) Levels  
293 Kelvin Cross Sections

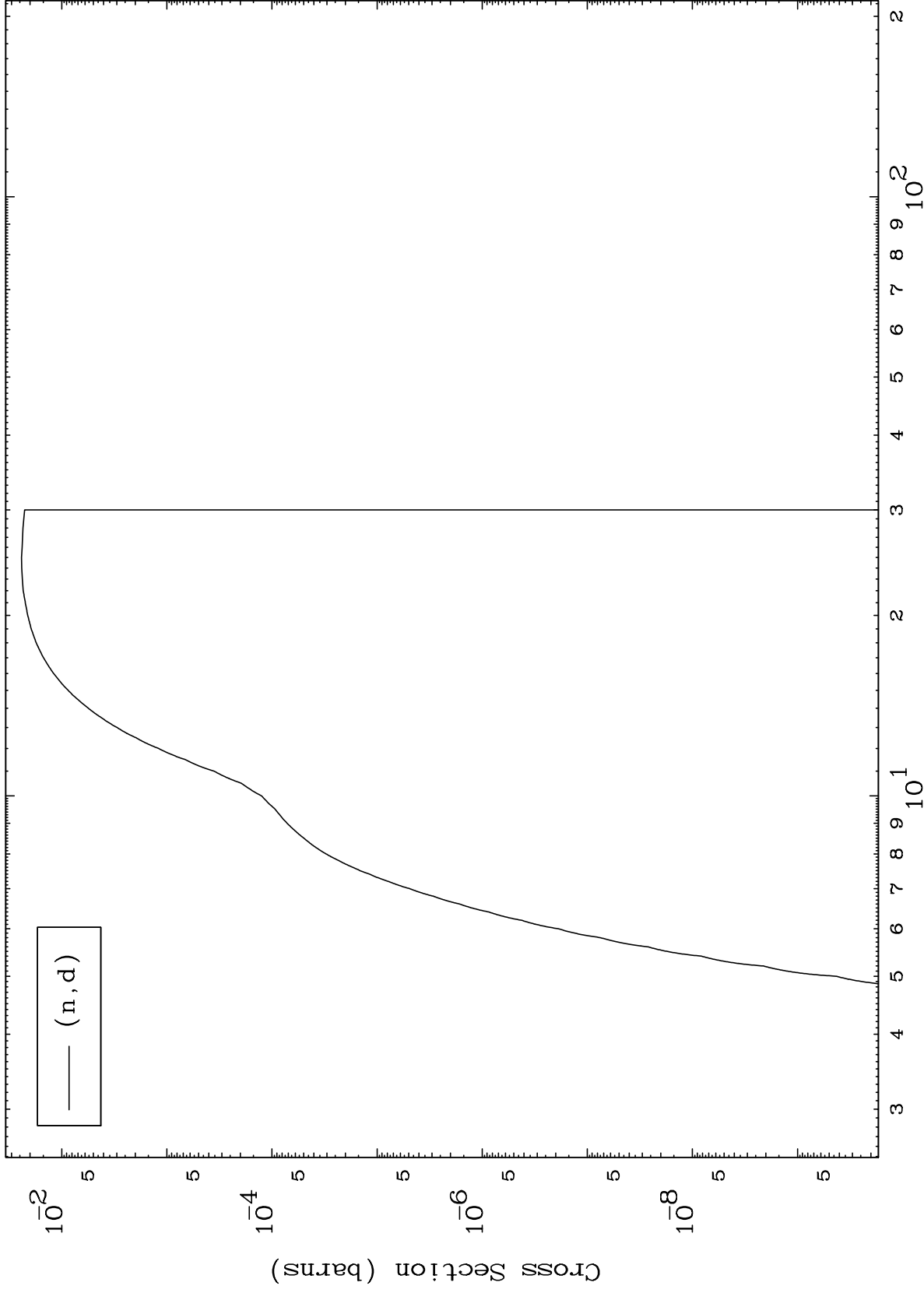
44-Ru-93m



MAT 4417

(n,d) Levels  
293 Kelvin Cross Sections

44-Ru-93m



10

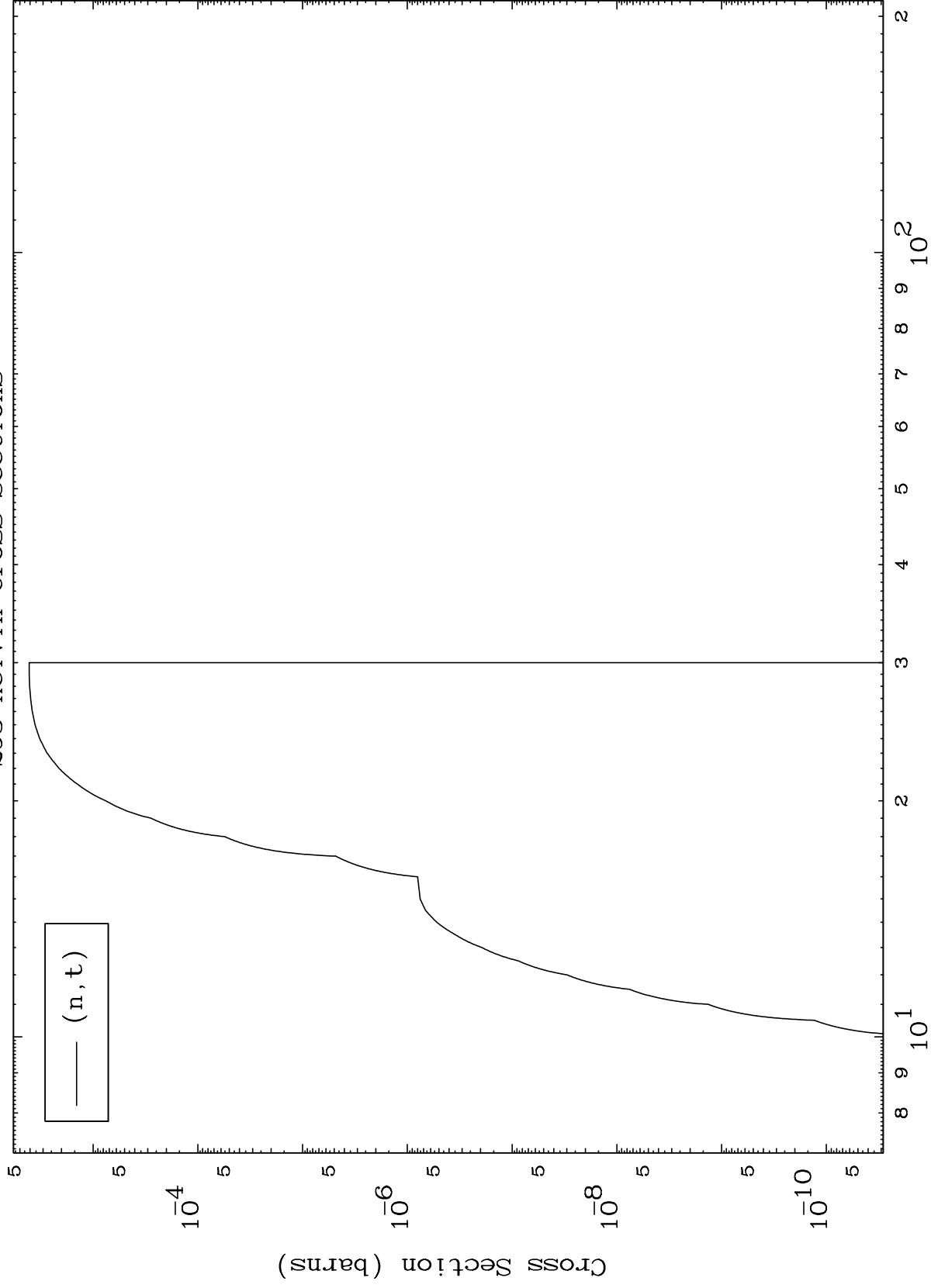
Incident Energy (MeV)

44-Ru-93m

MAT 4417

(n,t) Levels  
293 Kelvin Cross Sections

44-Ru-93m



11

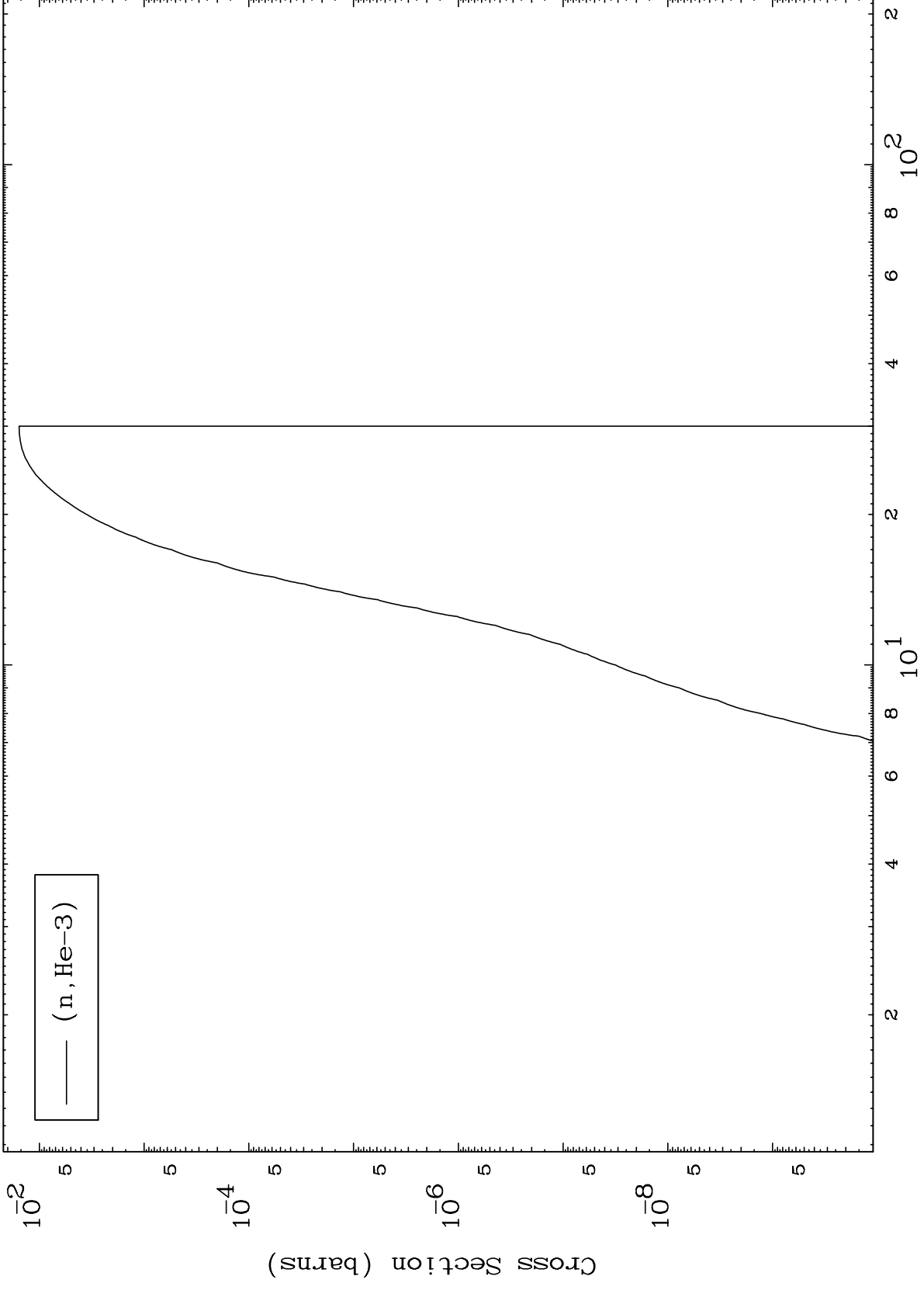
Incident Energy (MeV)

44-Ru-93m

MAT 4417

(n,He3) Levels  
293 Kelvin Cross Sections

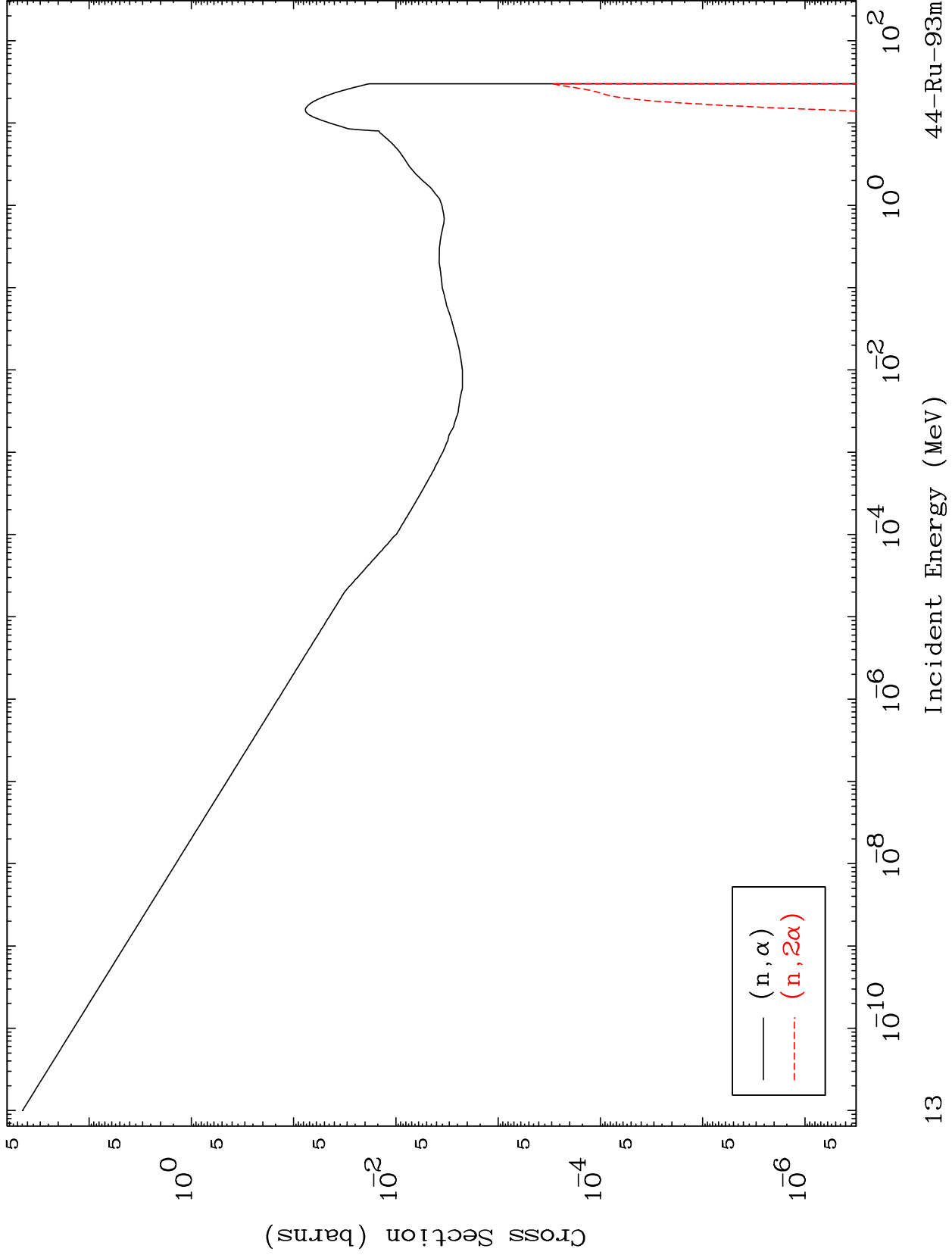
44-Ru-93m



MAT 4417

(n,α) Levels  
293 Kelvin Cross Sections

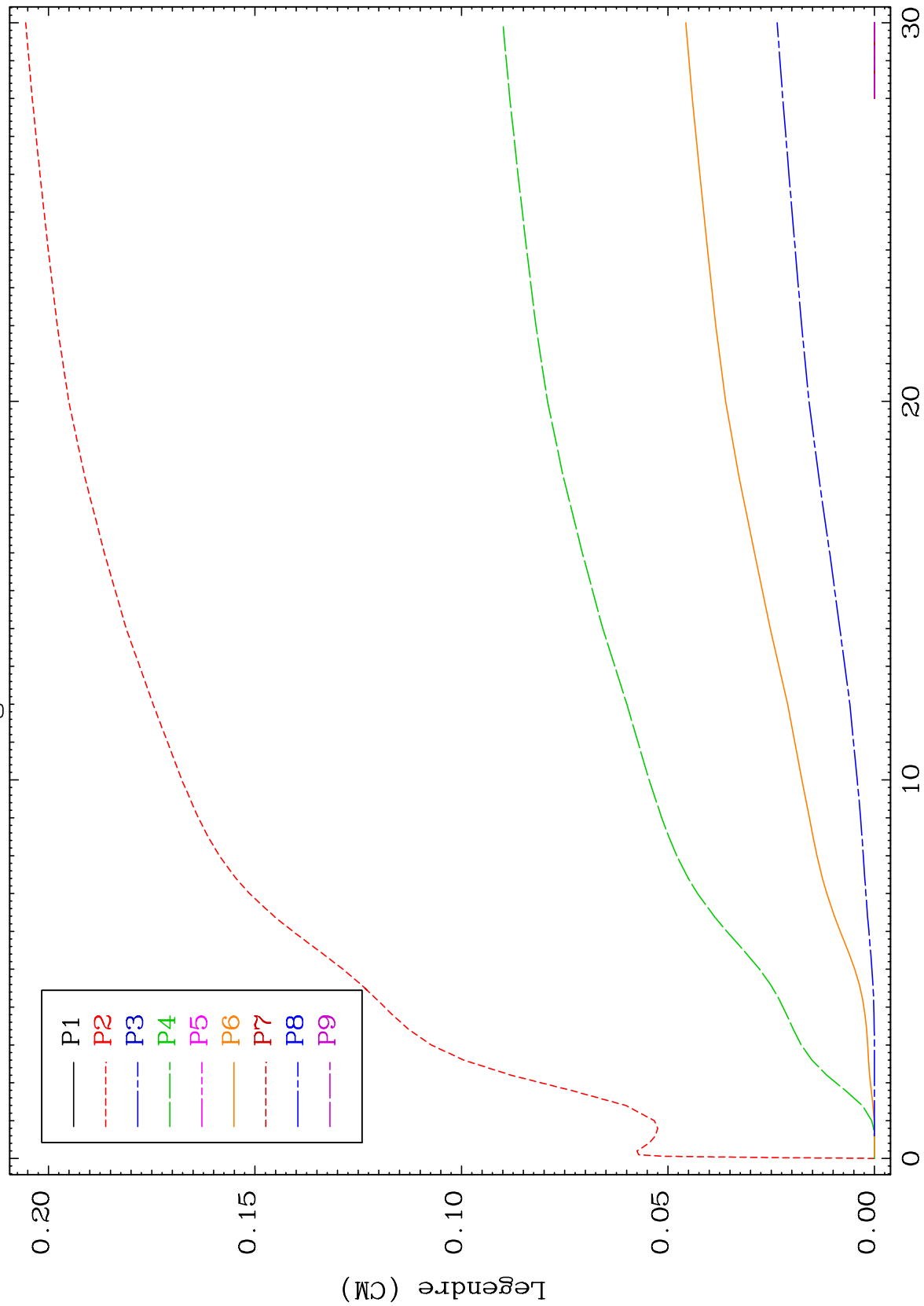
44-Ru-93m



MAT 4417

Elastic Legendre Coefficients

44-Ru-93m



14

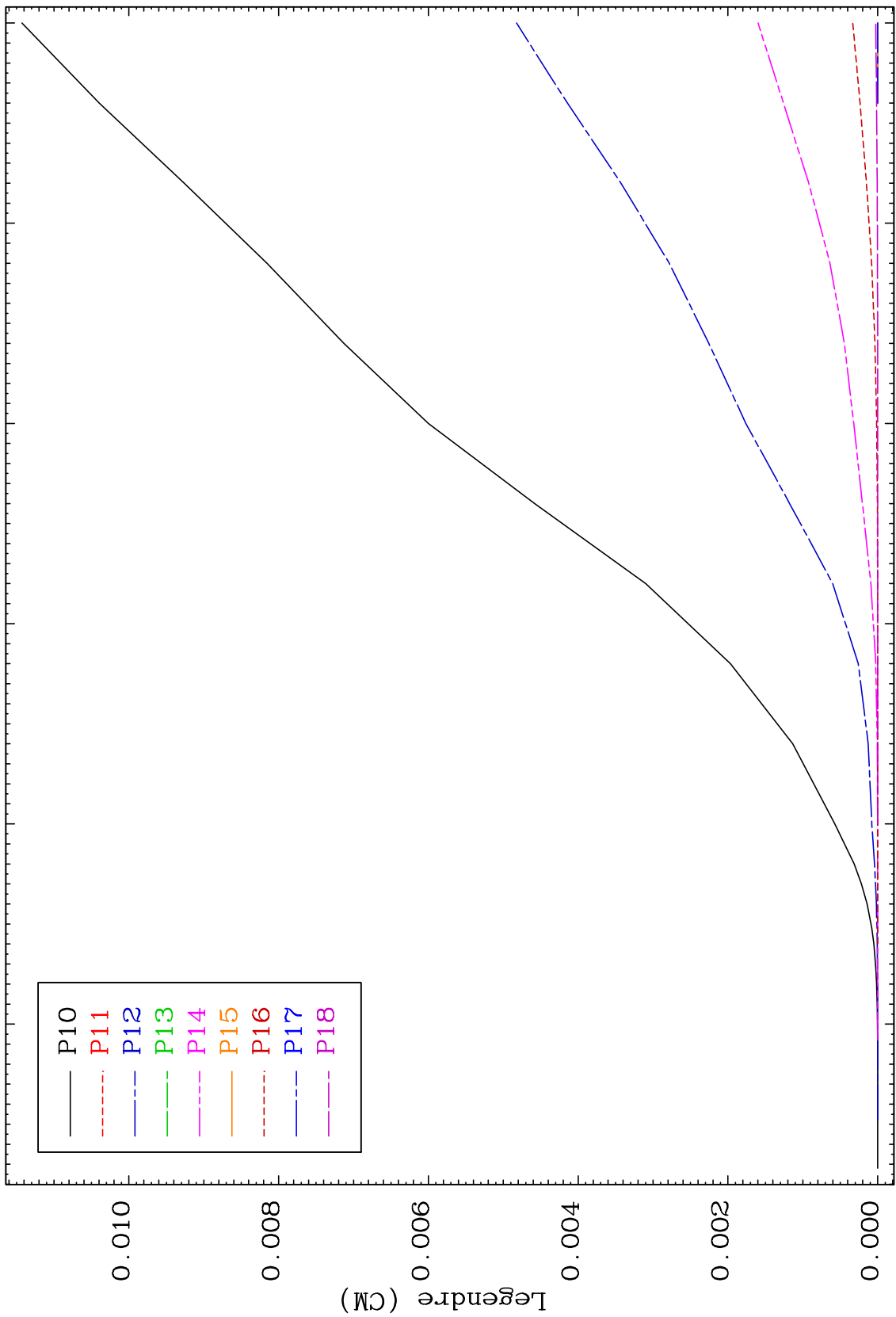
Incident Energy (MeV)

44-Ru-93m

MAT 4417

Elastic Legendre Coefficients

44-Ru-93m



15

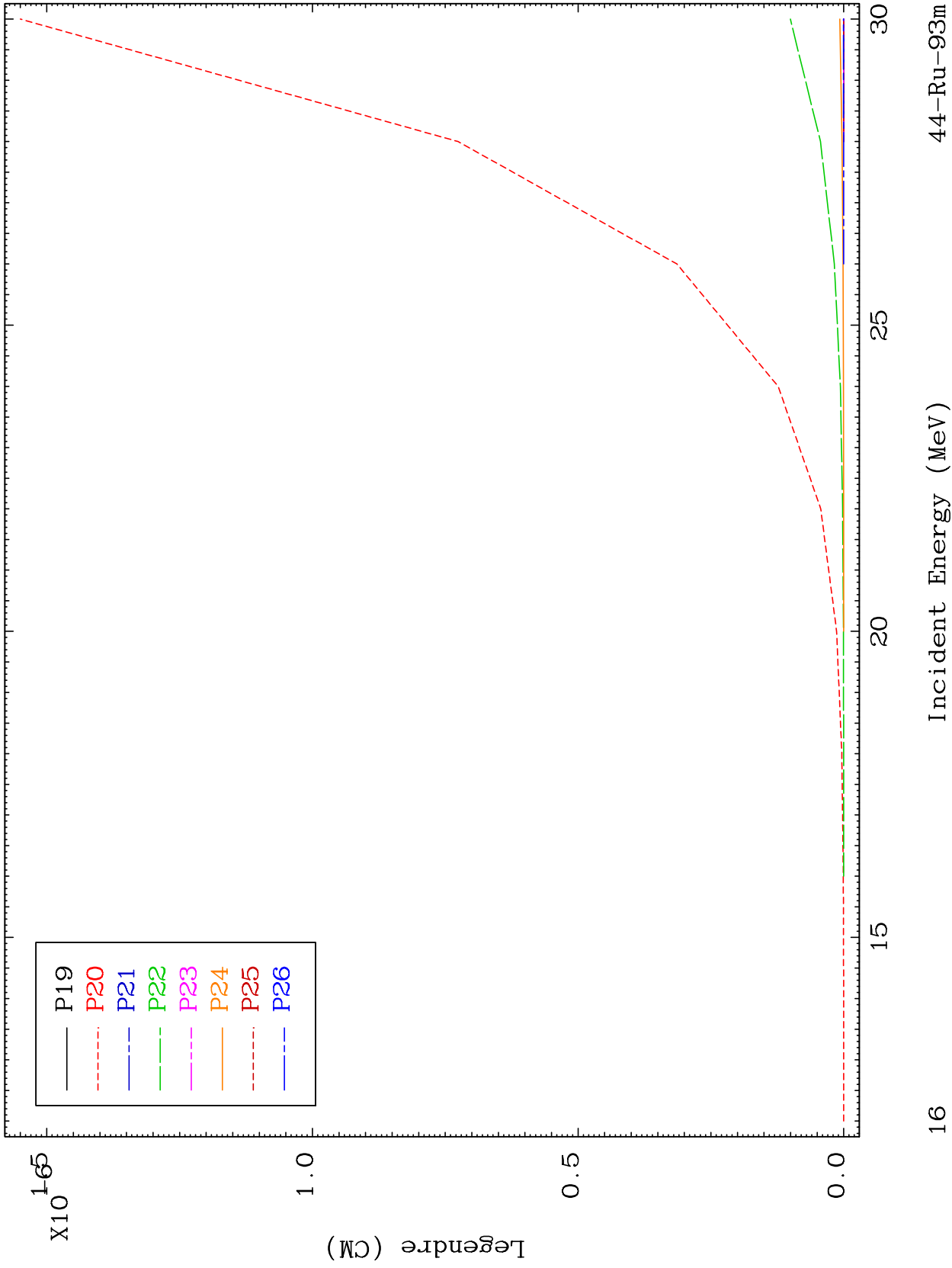
Incident Energy (MeV)

44-Ru-93m

MAT 4417

Elastic  
Legendre Coefficients

44-Ru-93m



16

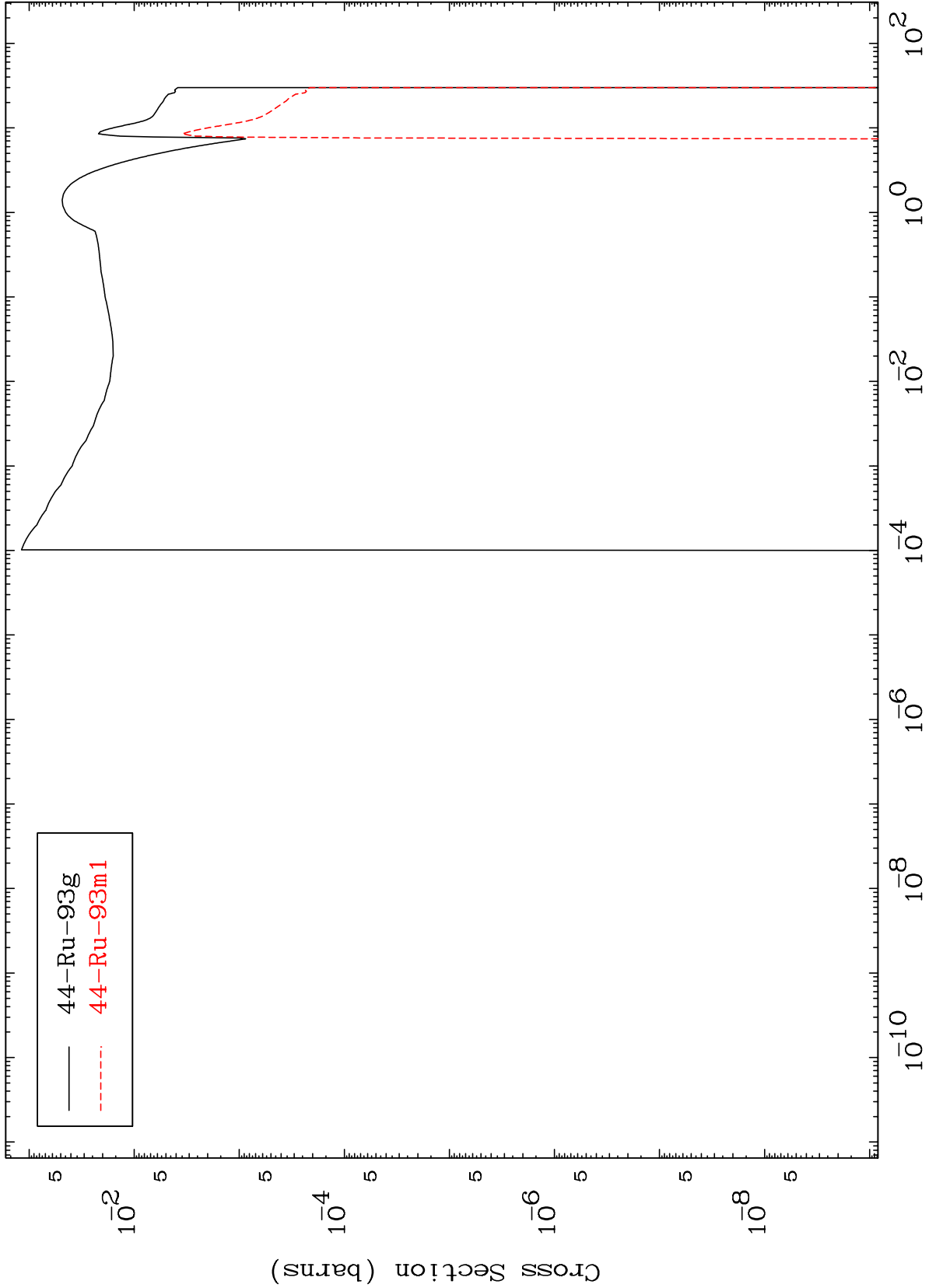
Incident Energy (MeV)

44-Ru-93m

MAT 4417

Inelastic  
Radionuclide Production Cross Section

44-Ru-93m

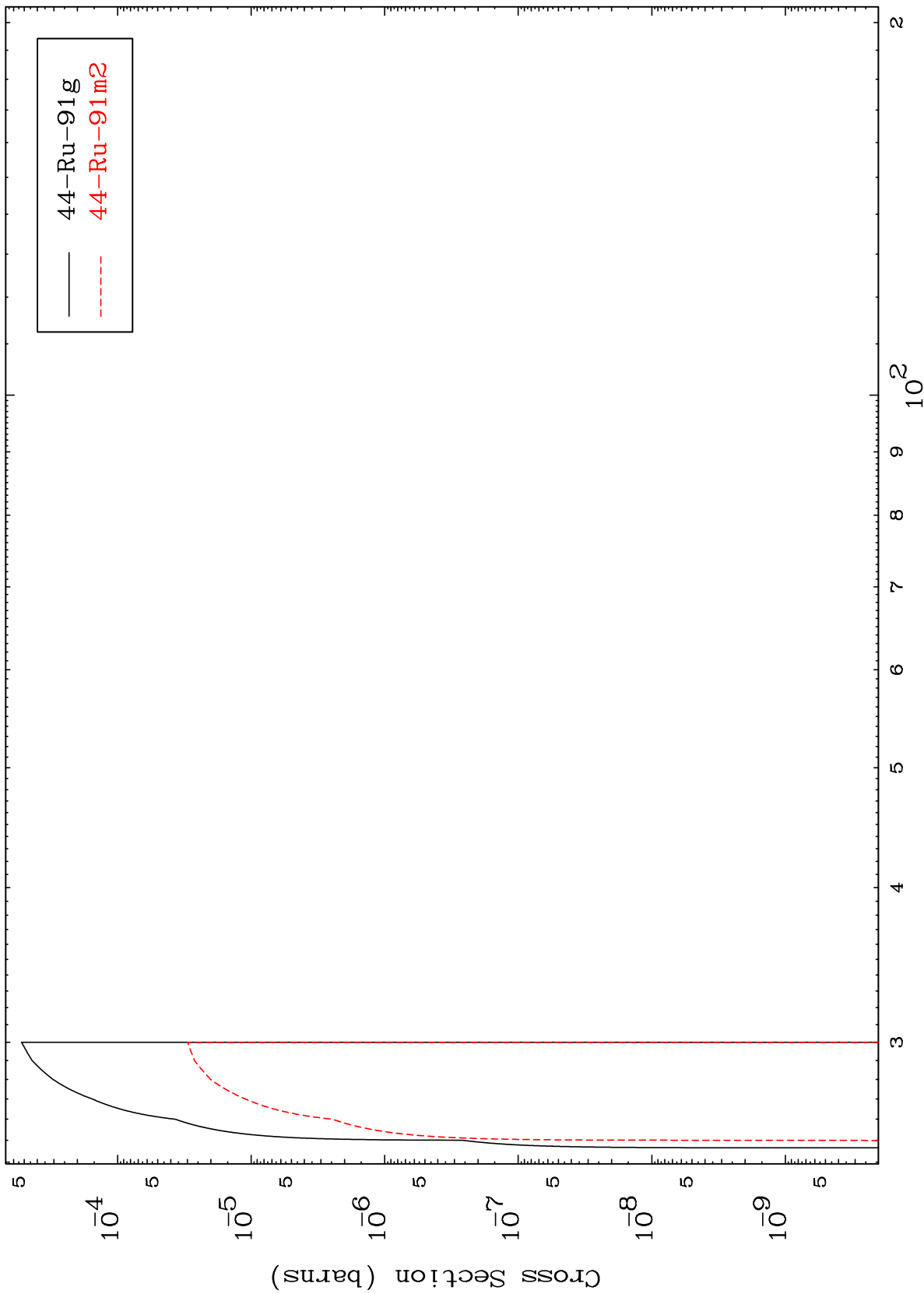


44-Ru-93m

MAT 4417

44-Ru-93m

(n,3n)  
Radionuclide Production Cross Section



18

Incident Energy (MeV)

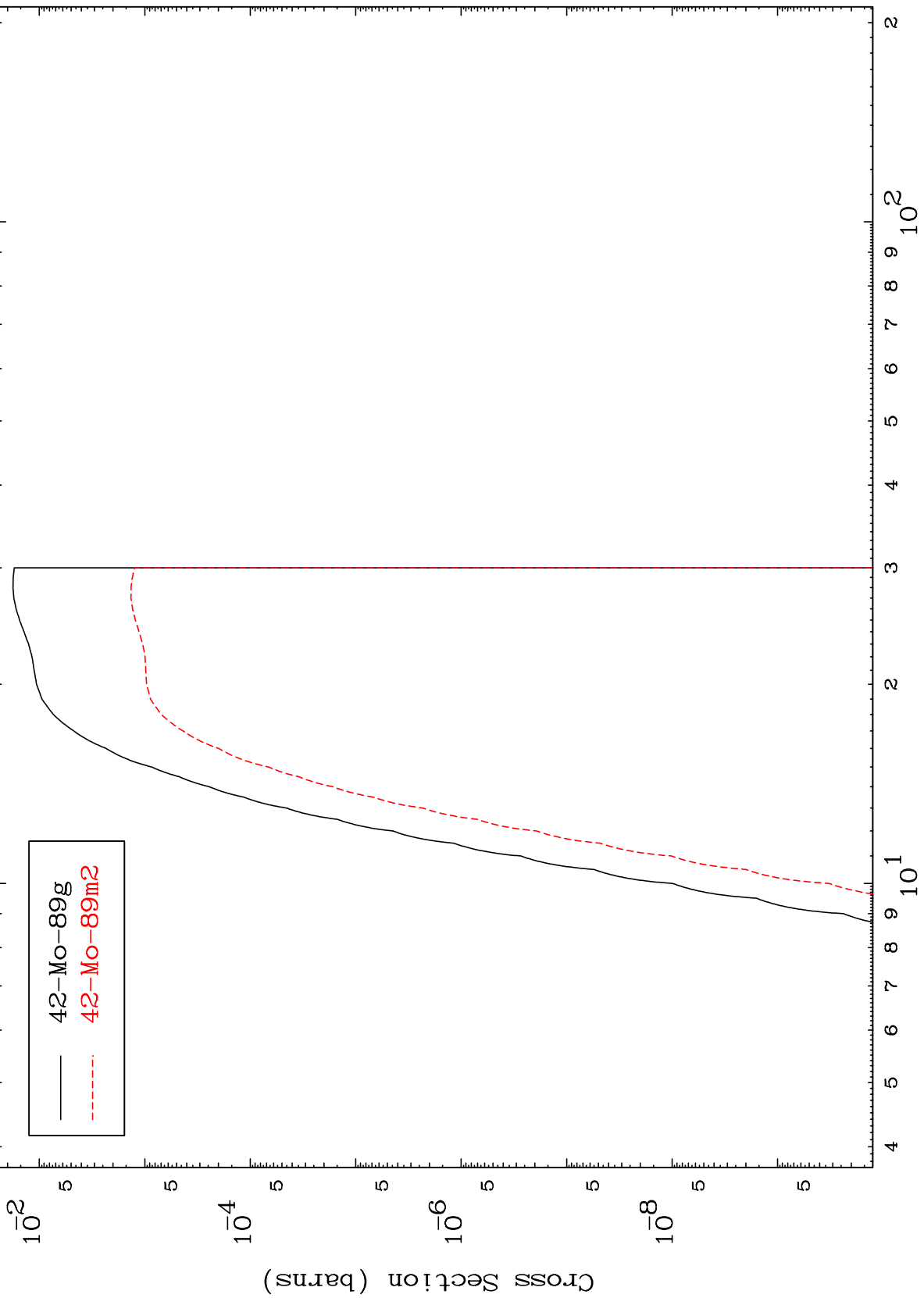
44-Ru-93m

MAT 4417

$(n, n') \alpha$

44-Ru-93m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

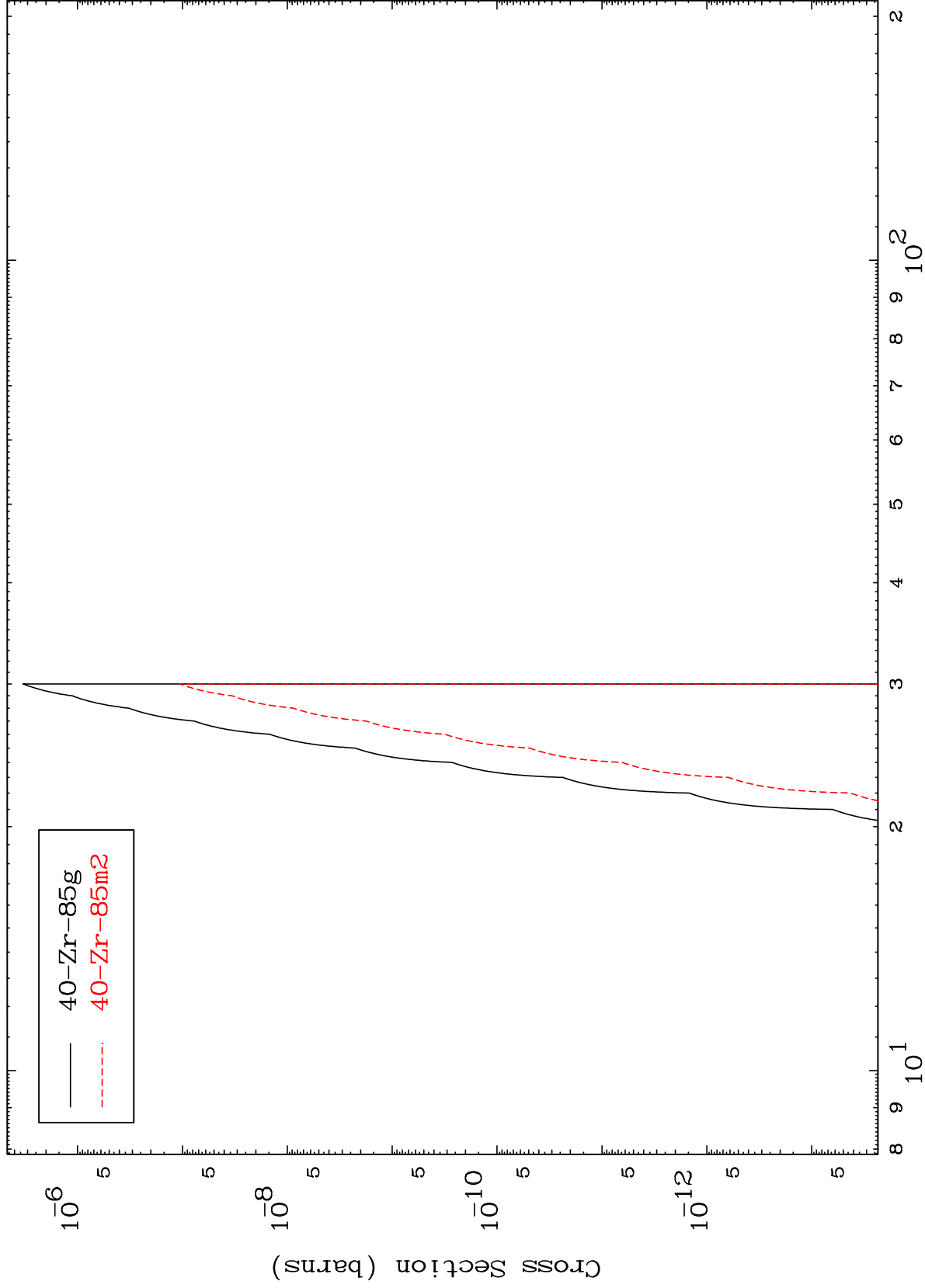
44-Ru-93m

MAT 4417

(n,n') 2α

44-Ru-93m

Radionuclide Production Cross Section

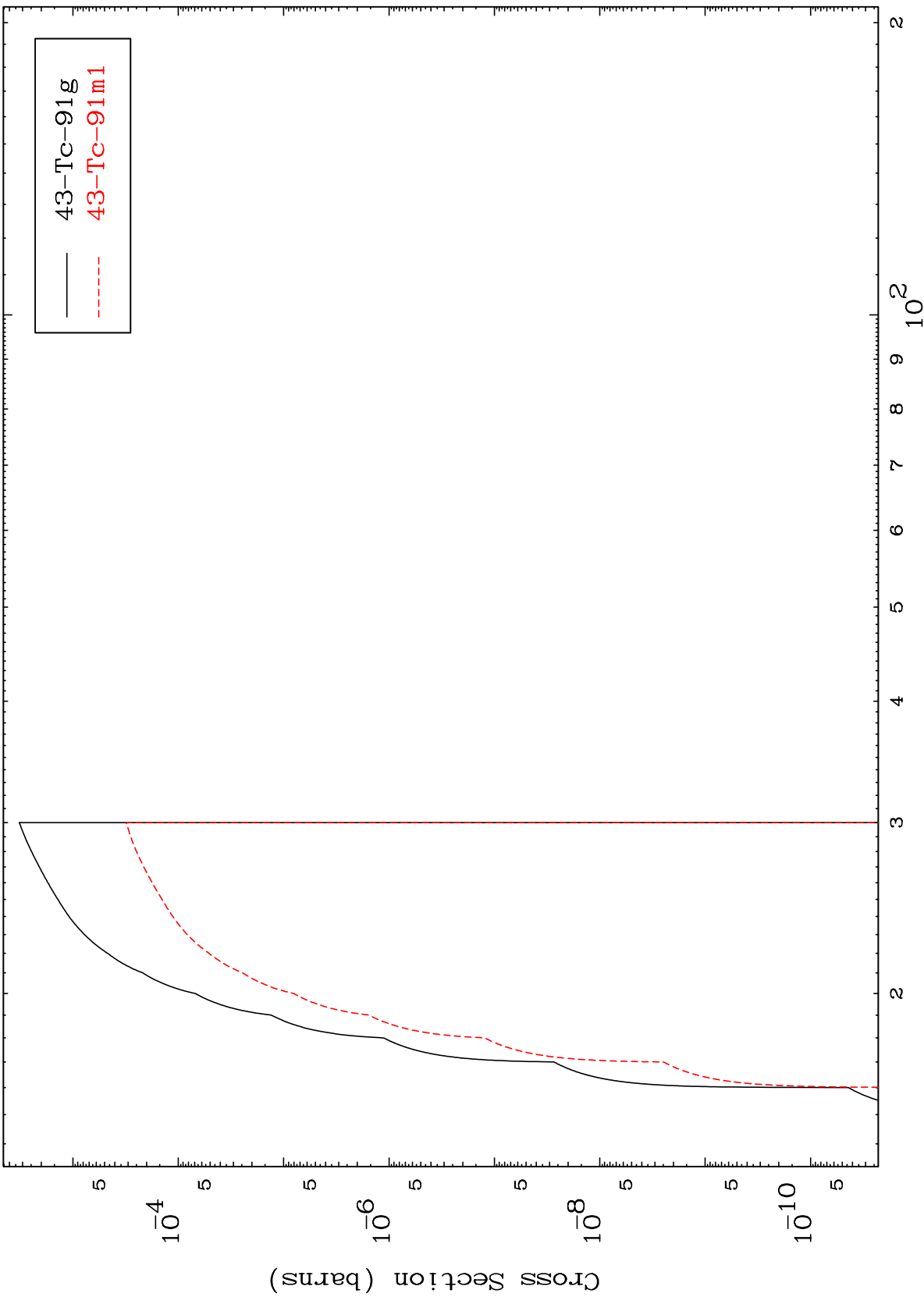


20

Incident Energy (MeV)

44-Ru-93m

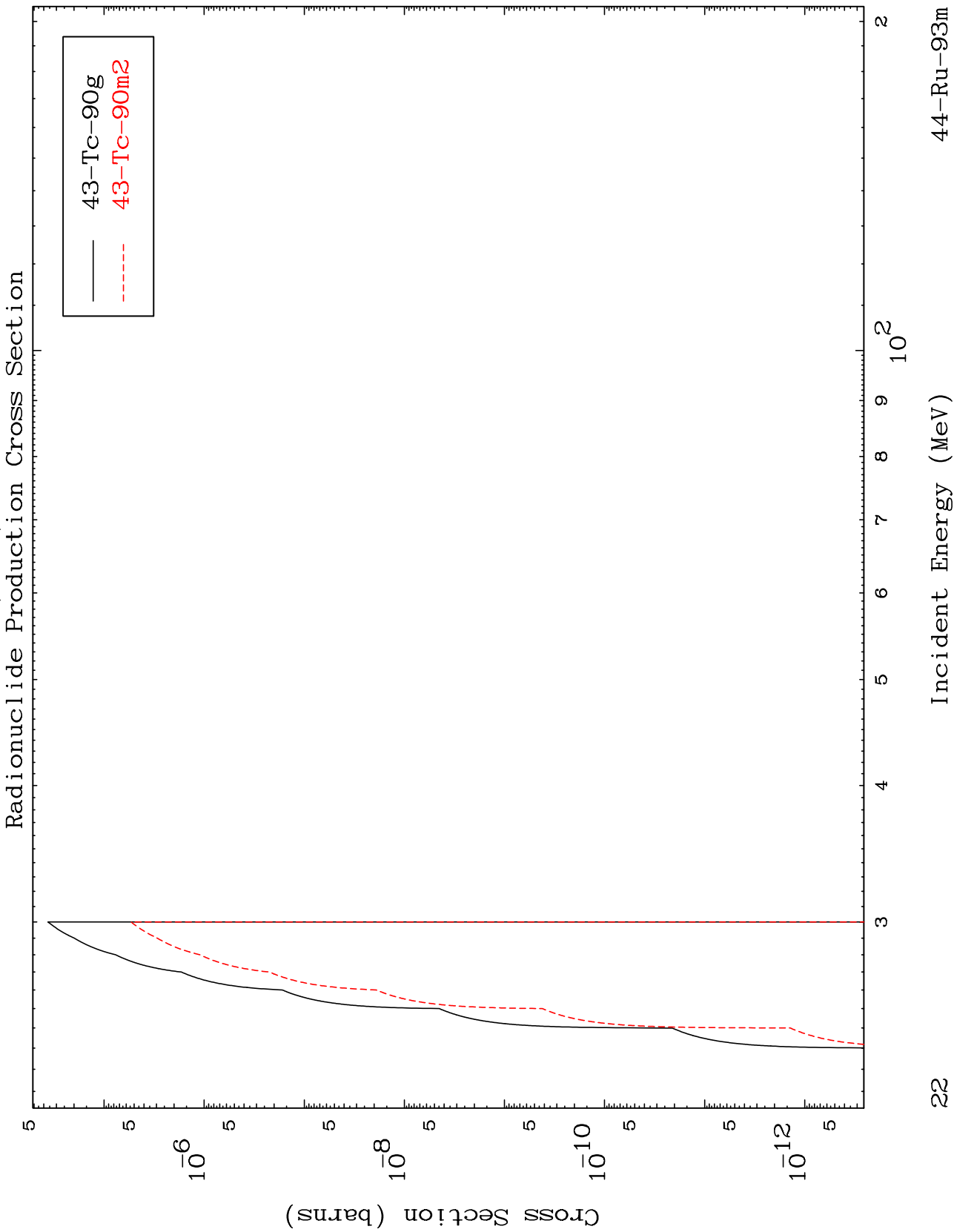
Radionuclide Production Cross Section



MAT 4417

(n,n') t

44-Ru-93m

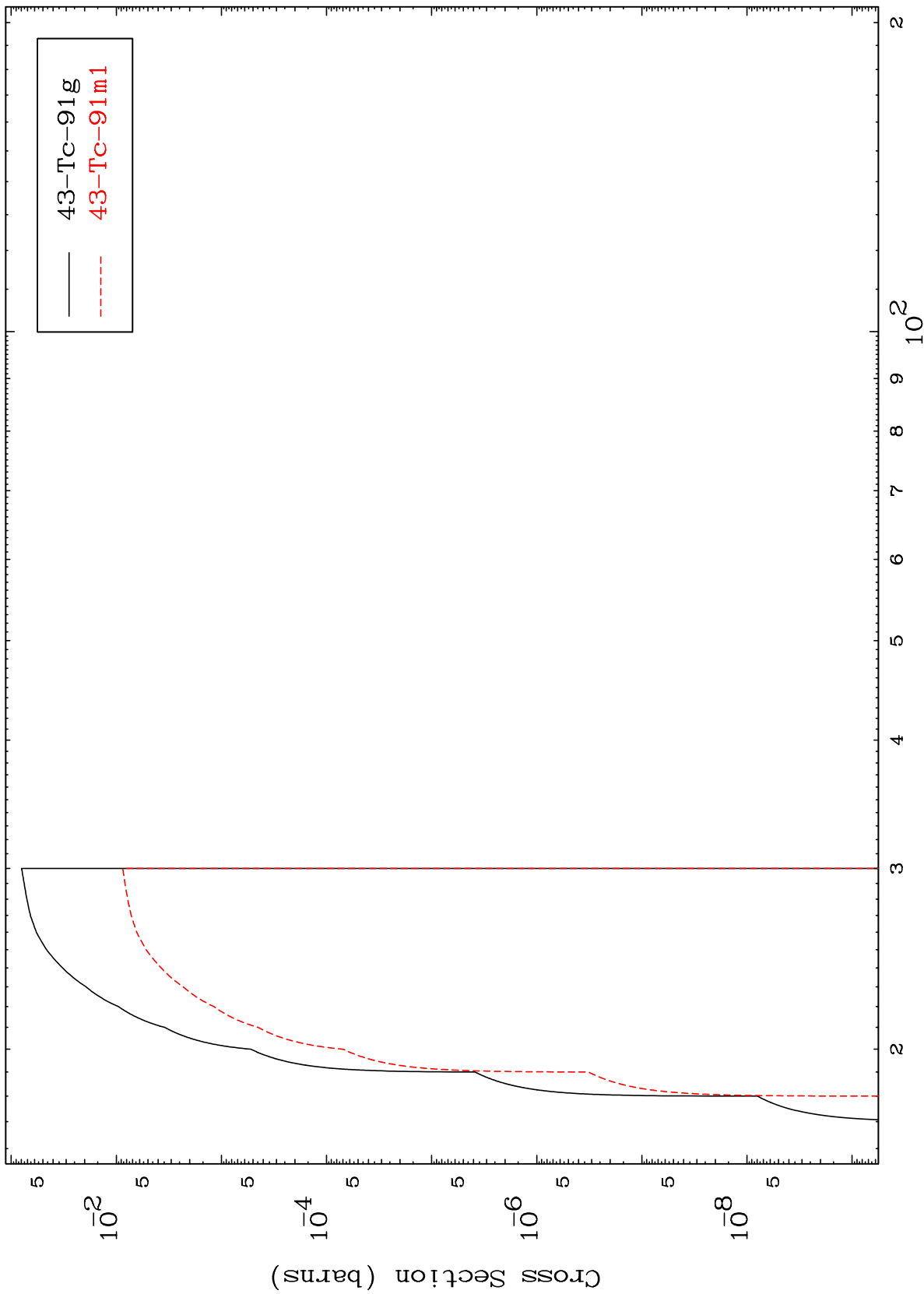


22

Incident Energy (MeV)

44-Ru-93m

Radionuclide Production Cross Section



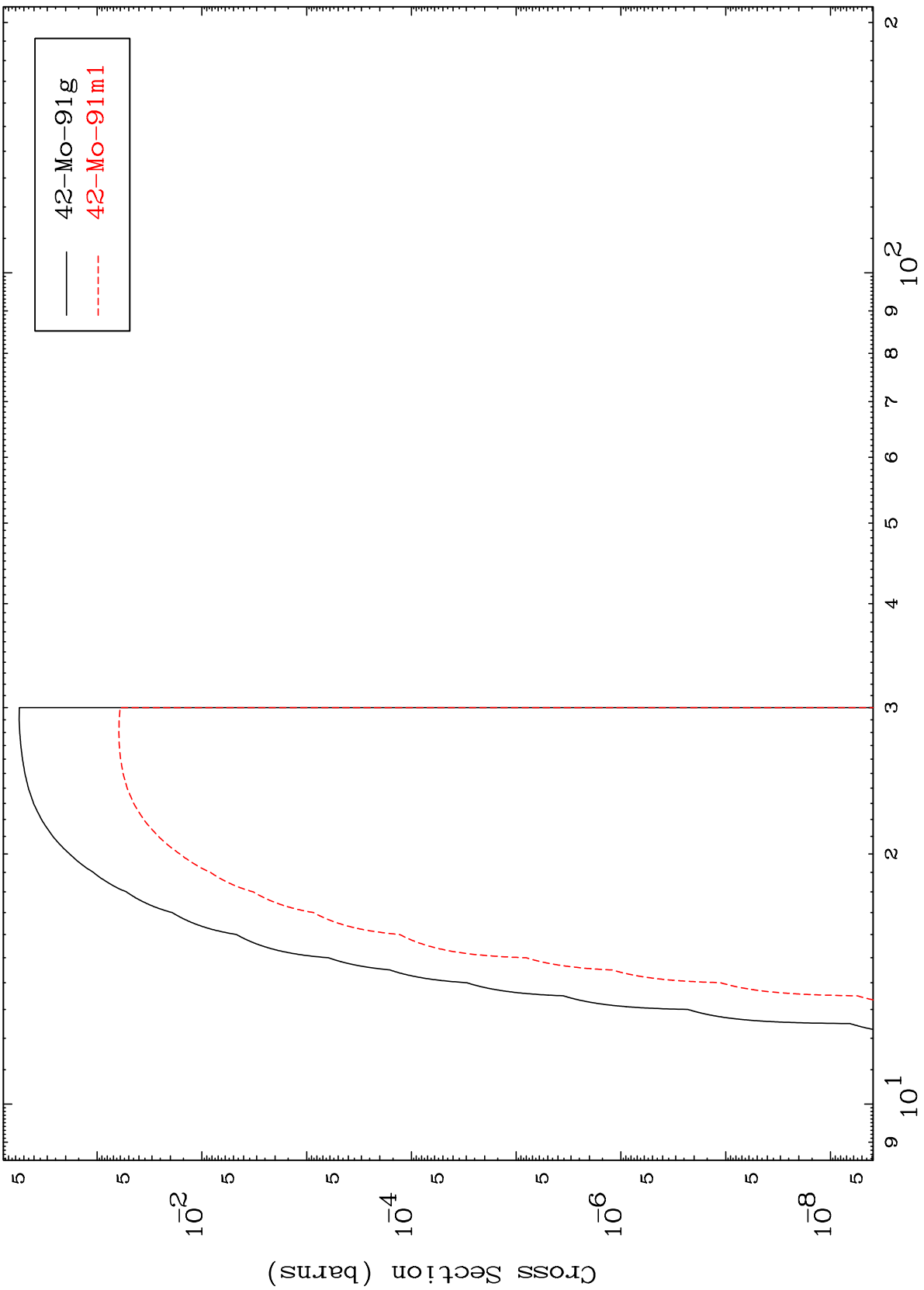
43-Tc-91g  
43-Tc-91m1

MAT 4417

(n,2n) p

44-Ru-93m

Radionuclide Production Cross Section



42-Mo-91g  
42-Mo-91m1

24

Incident Energy (MeV)

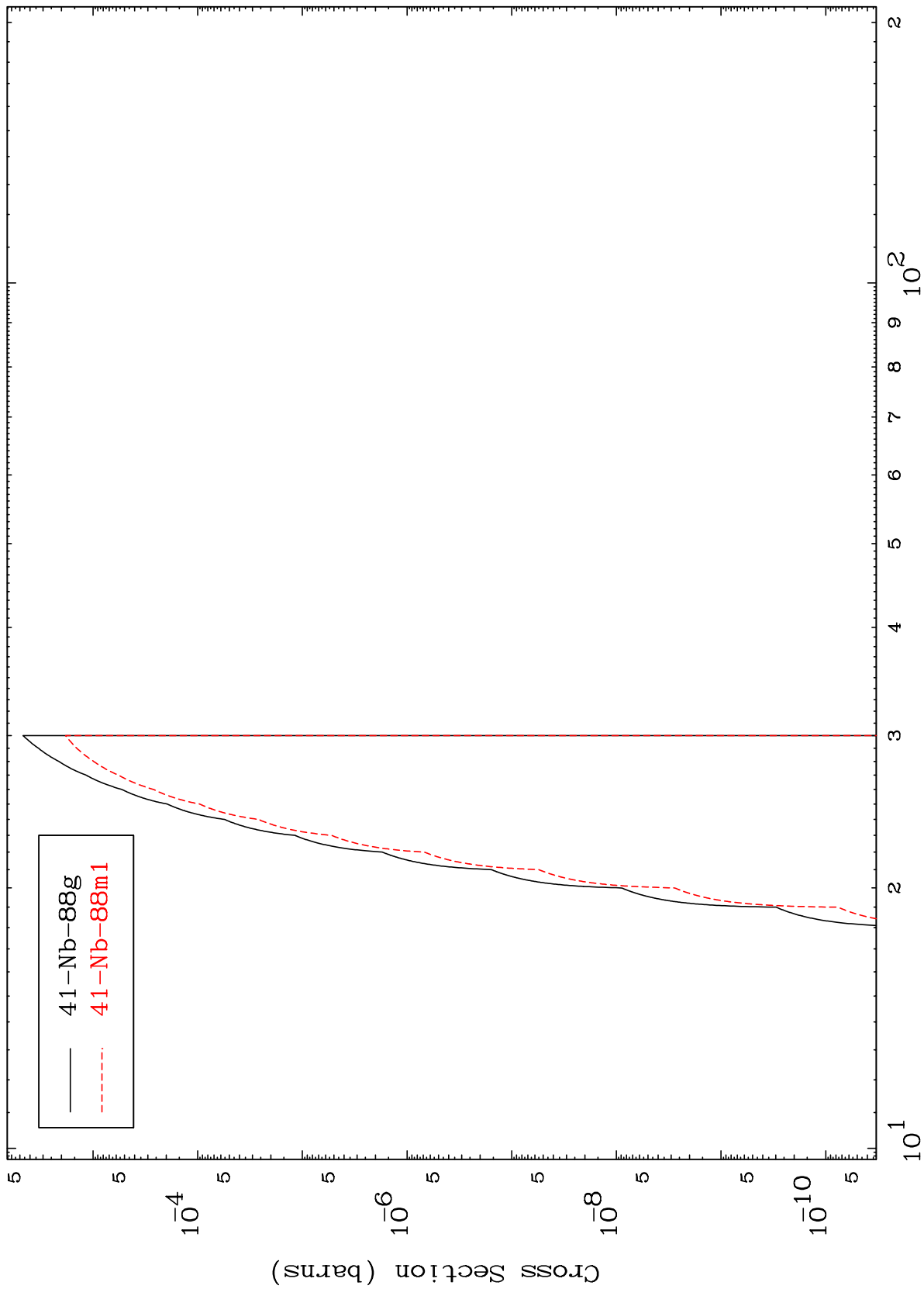
44-Ru-93m

MAT 4417

(n,n') p  $\alpha$

44-Ru-93m

Radionuclide Production Cross Section



Incident Energy (MeV)

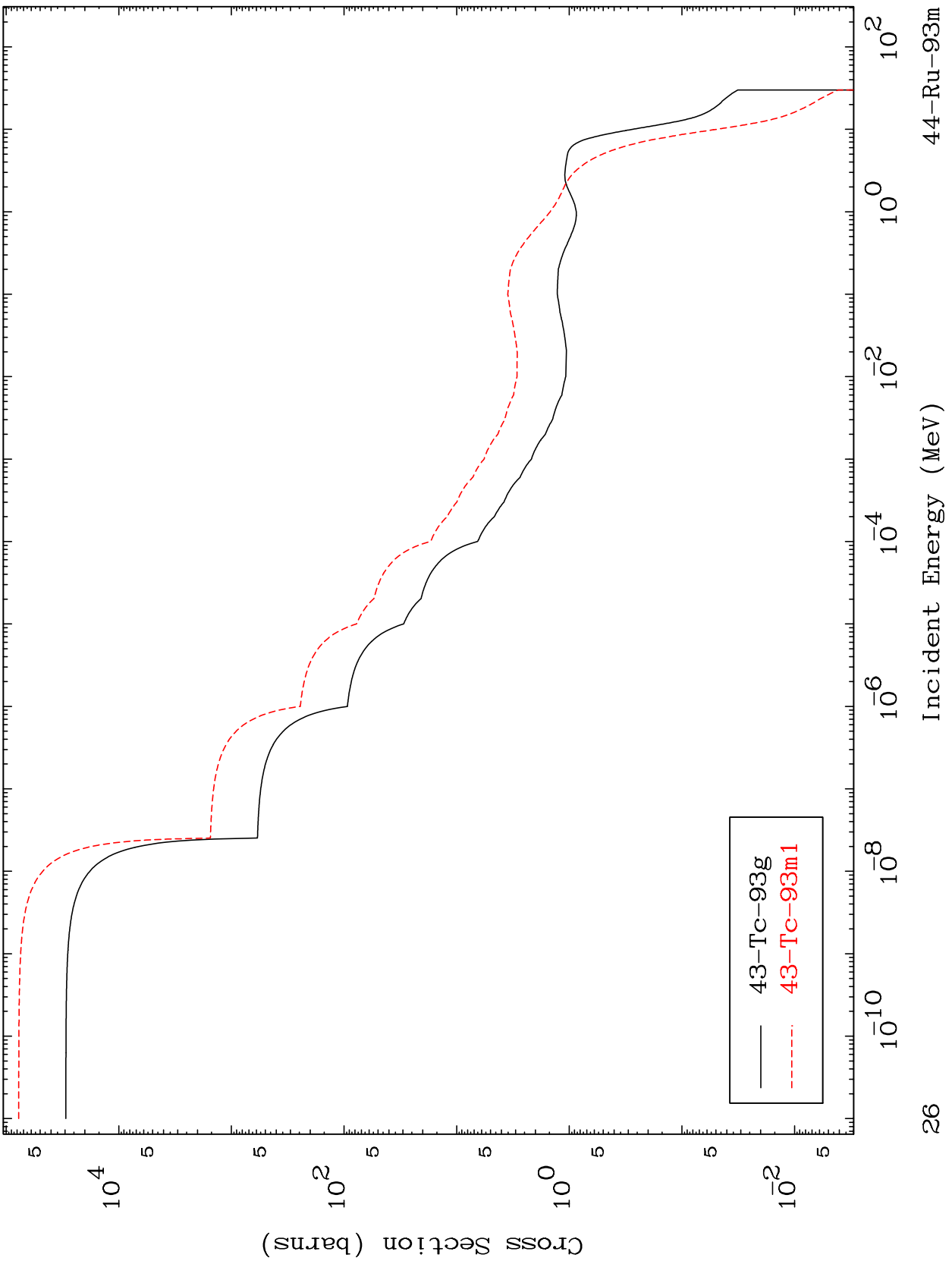
44-Ru-93m

25

MAT 4417

44-Ru-93m

Radionuclide Production Cross Section

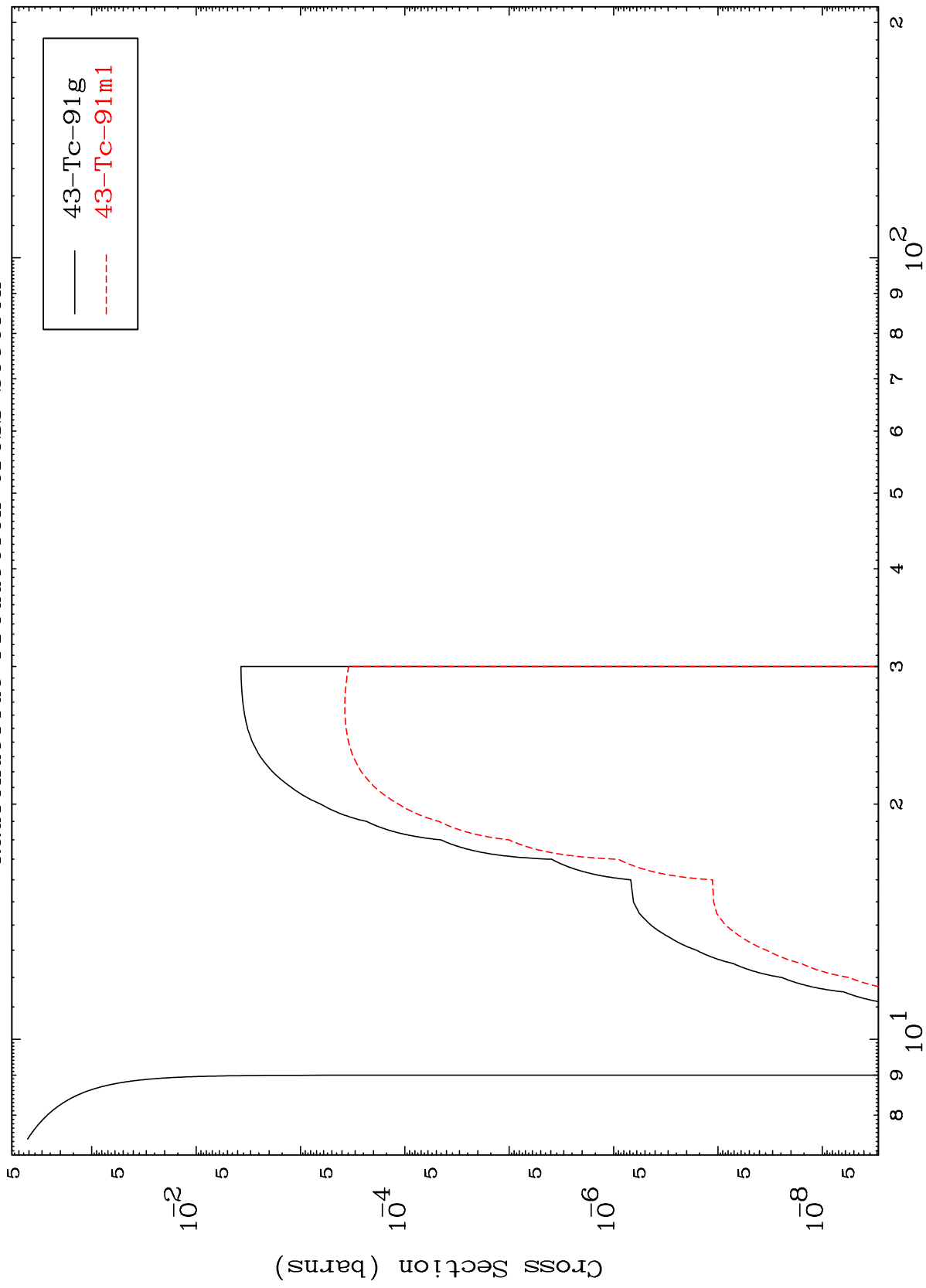


— 43-Tc-93g  
- - - 43-Tc-93m1

MAT 4417

44-Ru-93m

(n, t)  
Radionuclide Production Cross Section



27

Incident Energy (MeV)

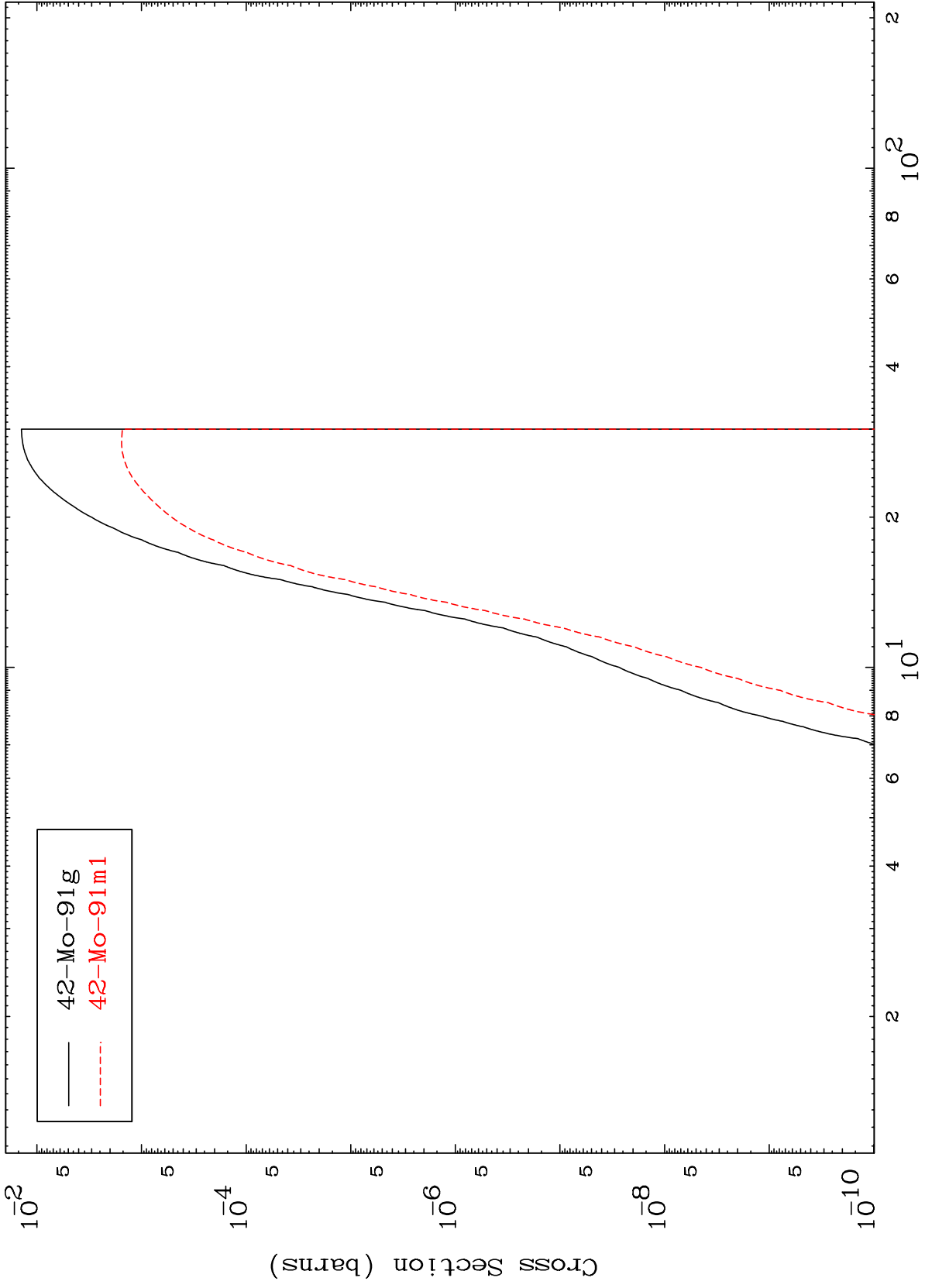
44-Ru-93m

MAT 4417

(n,He-3)

44-Ru-93m

Radionuclide Production Cross Section



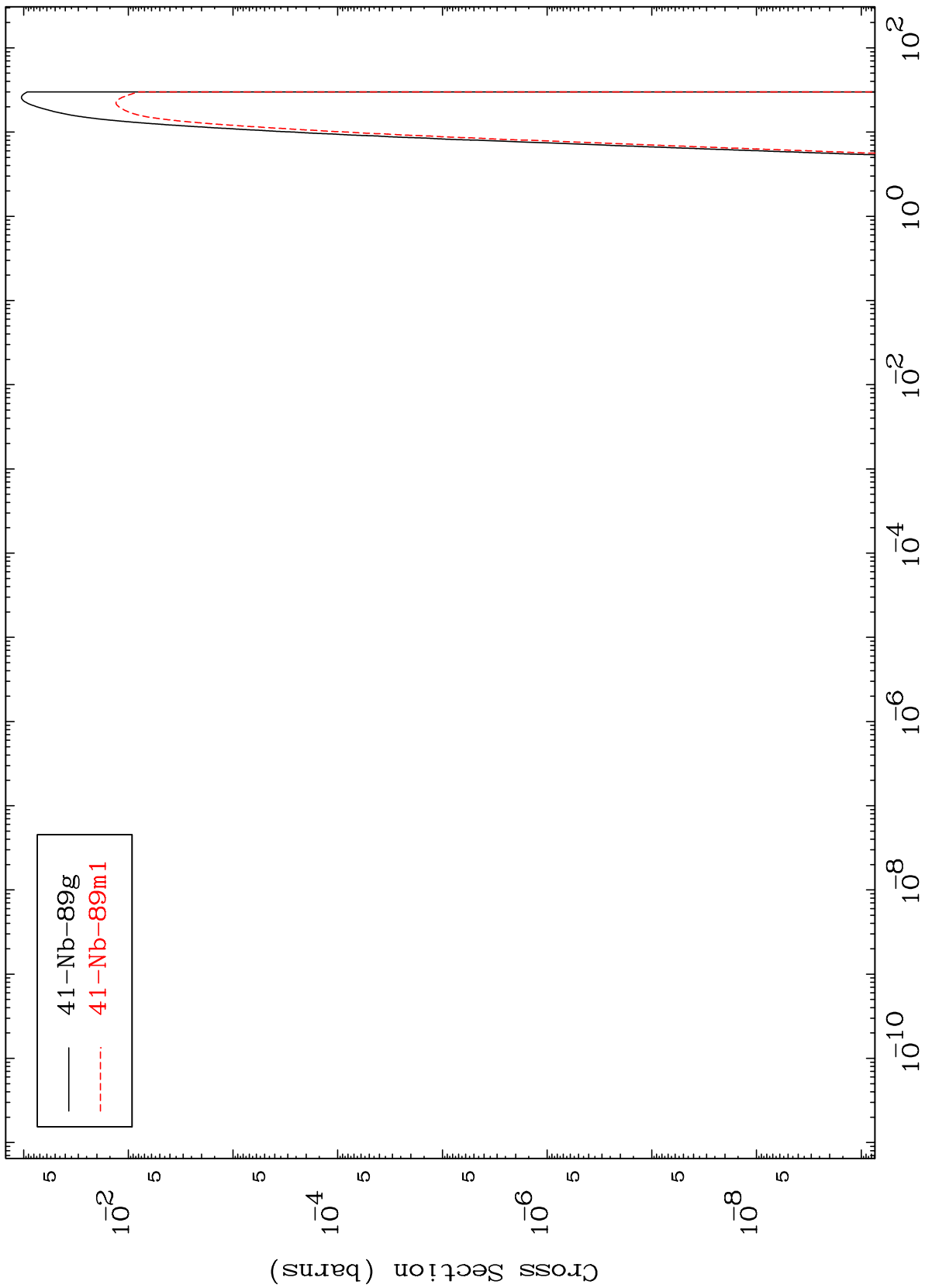
42-Mo-91g  
42-Mo-91m1

MAT 4417

(n,p)  $\alpha$

44-Ru-93m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

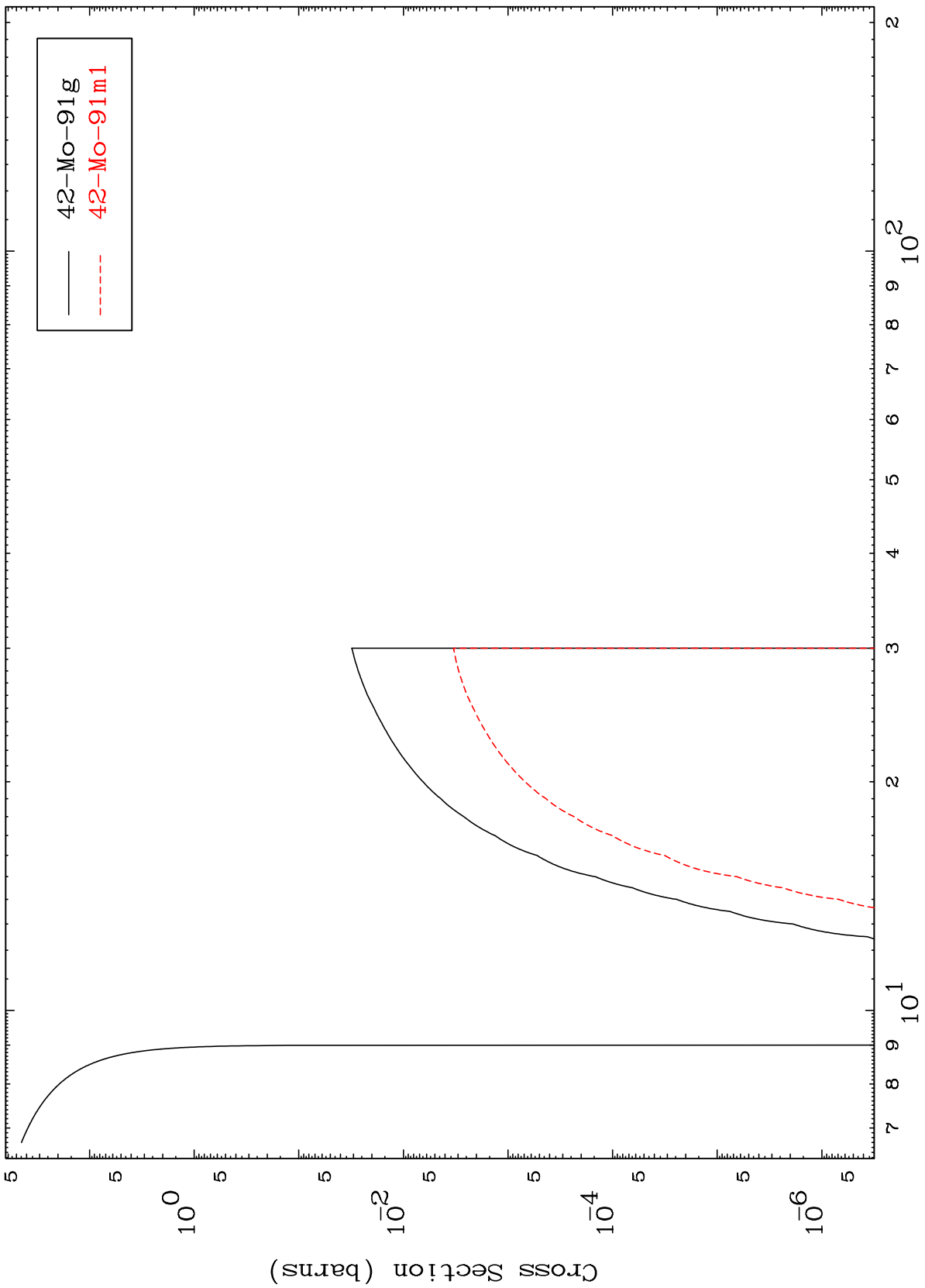
44-Ru-93m

MAT 4417

(n,p) d

44-Ru-93m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

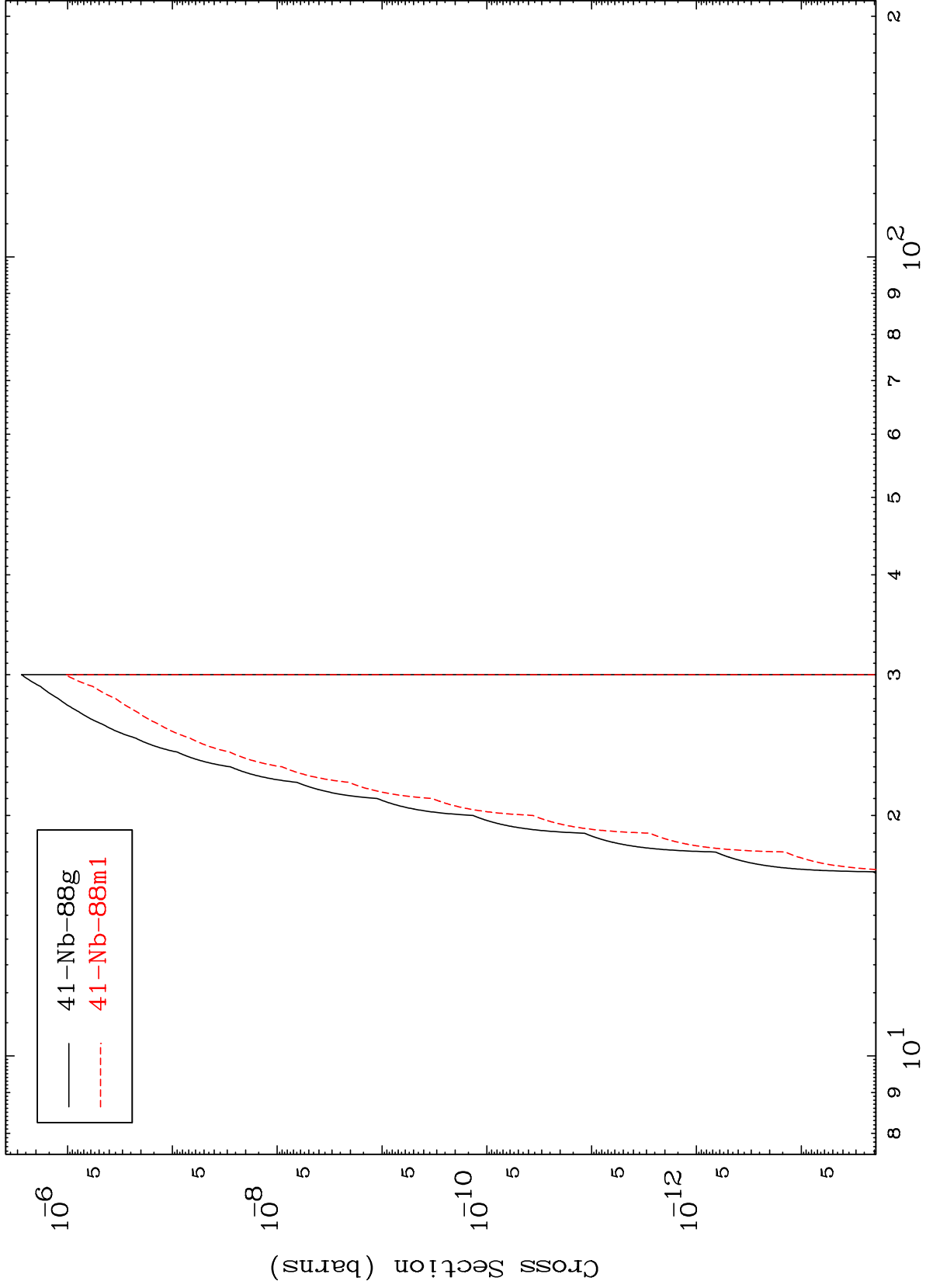
44-Ru-93m

MAT 4417

(n,d)  $\alpha$

44-Ru-93m

Radionuclide Production Cross Section



31

Incident Energy (MeV)

44-Ru-93m