

Program EVALPLOT
(Version 2021-1)

by

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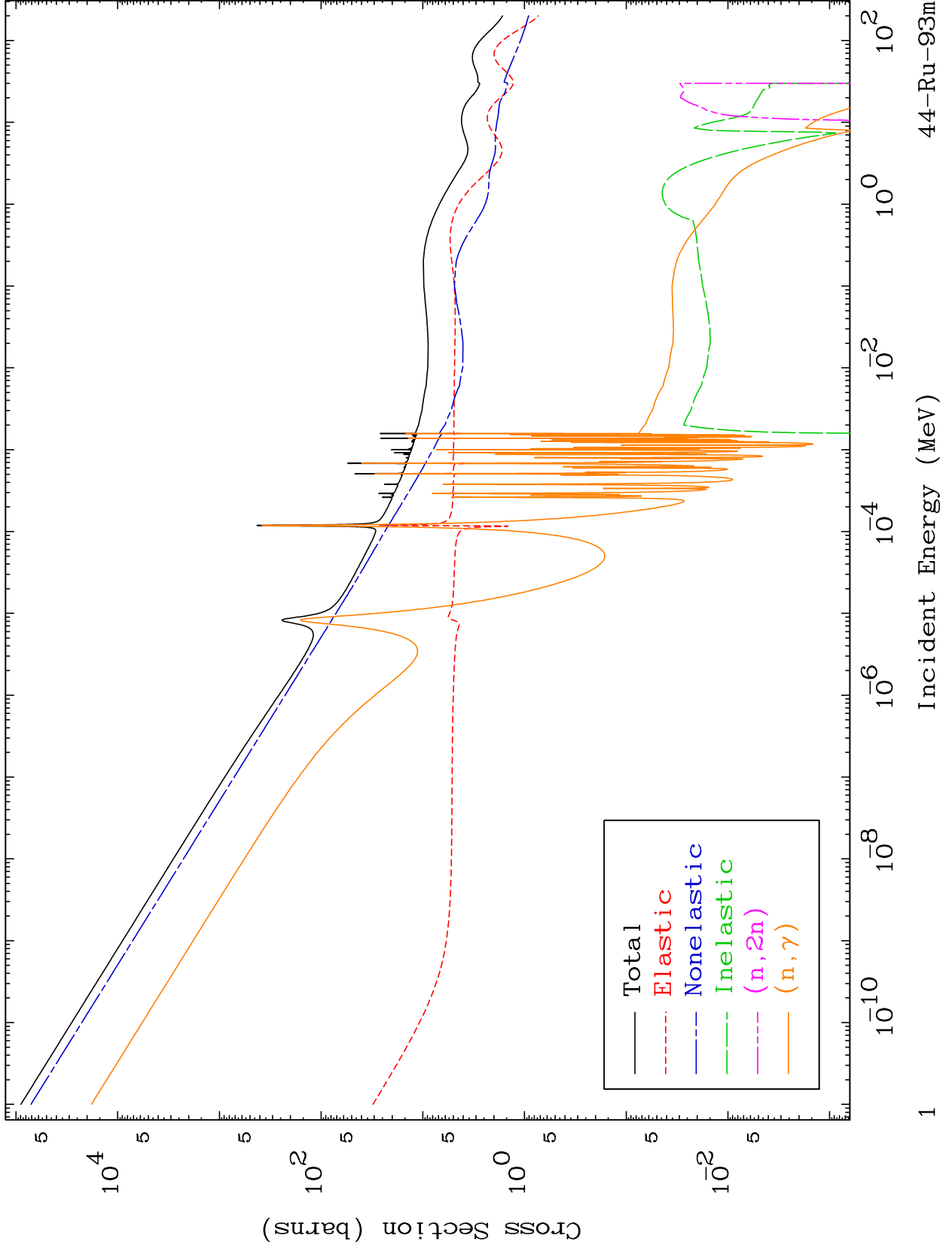
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4417

Neutron Major
293 Kelvin Cross Sections

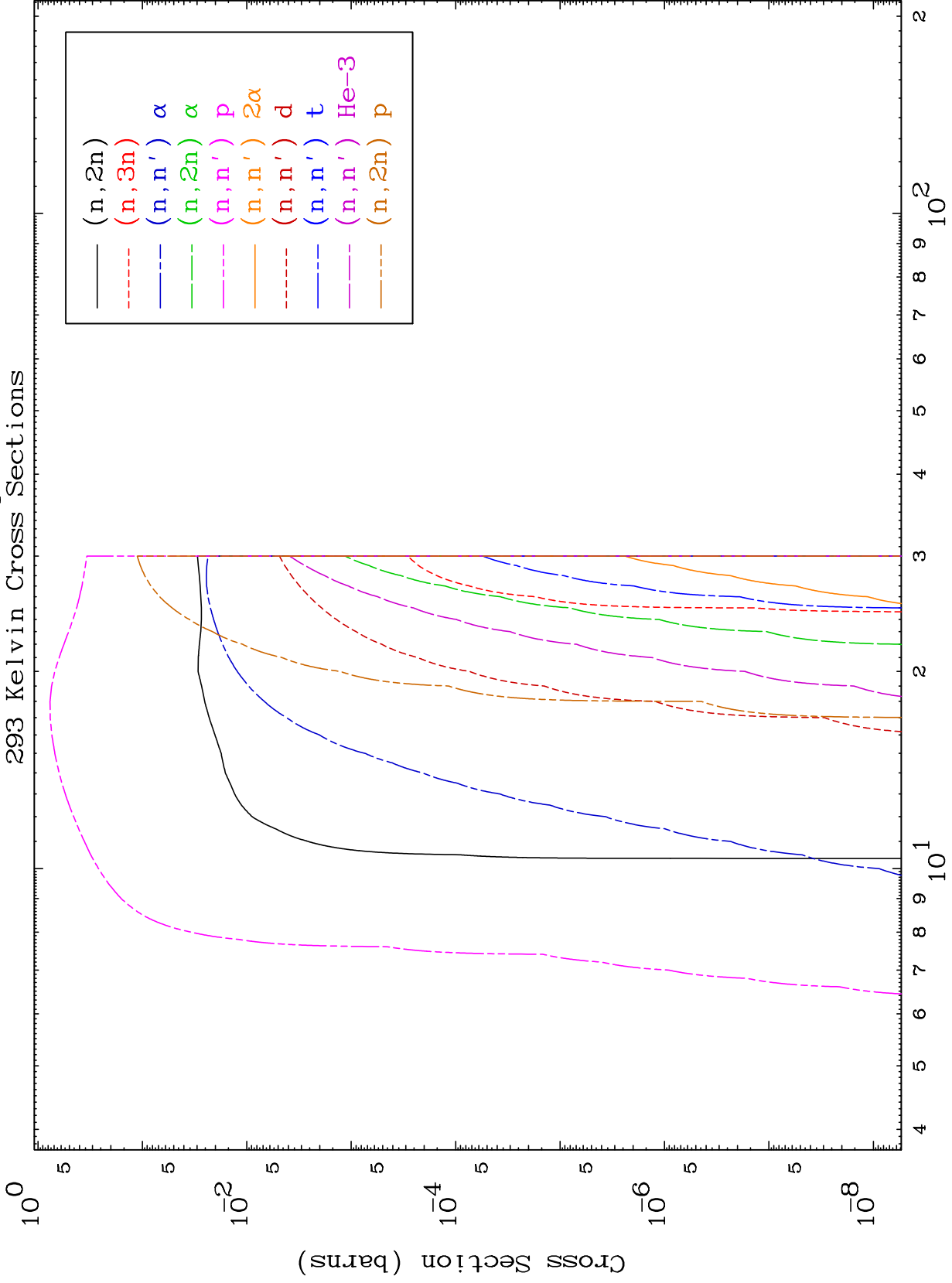
44-Ru-93m



MAT 4417

Neutron Absorption
293 Kelvin Cross Sections

44-Ru-93m



2

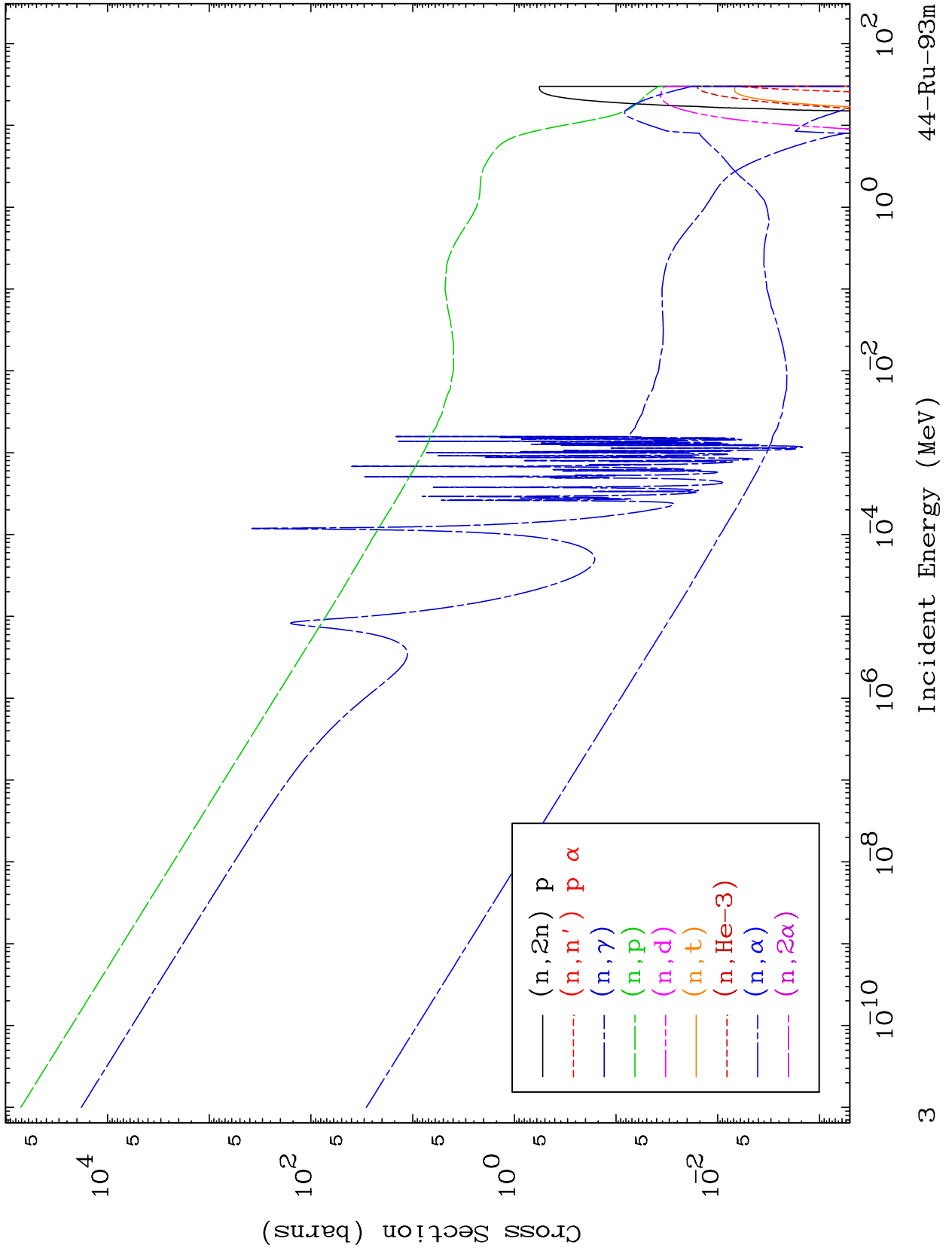
Incident Energy (MeV)

44-Ru-93m

MAT 4417

Neutron Absorption
293 Kelvin Cross Sections

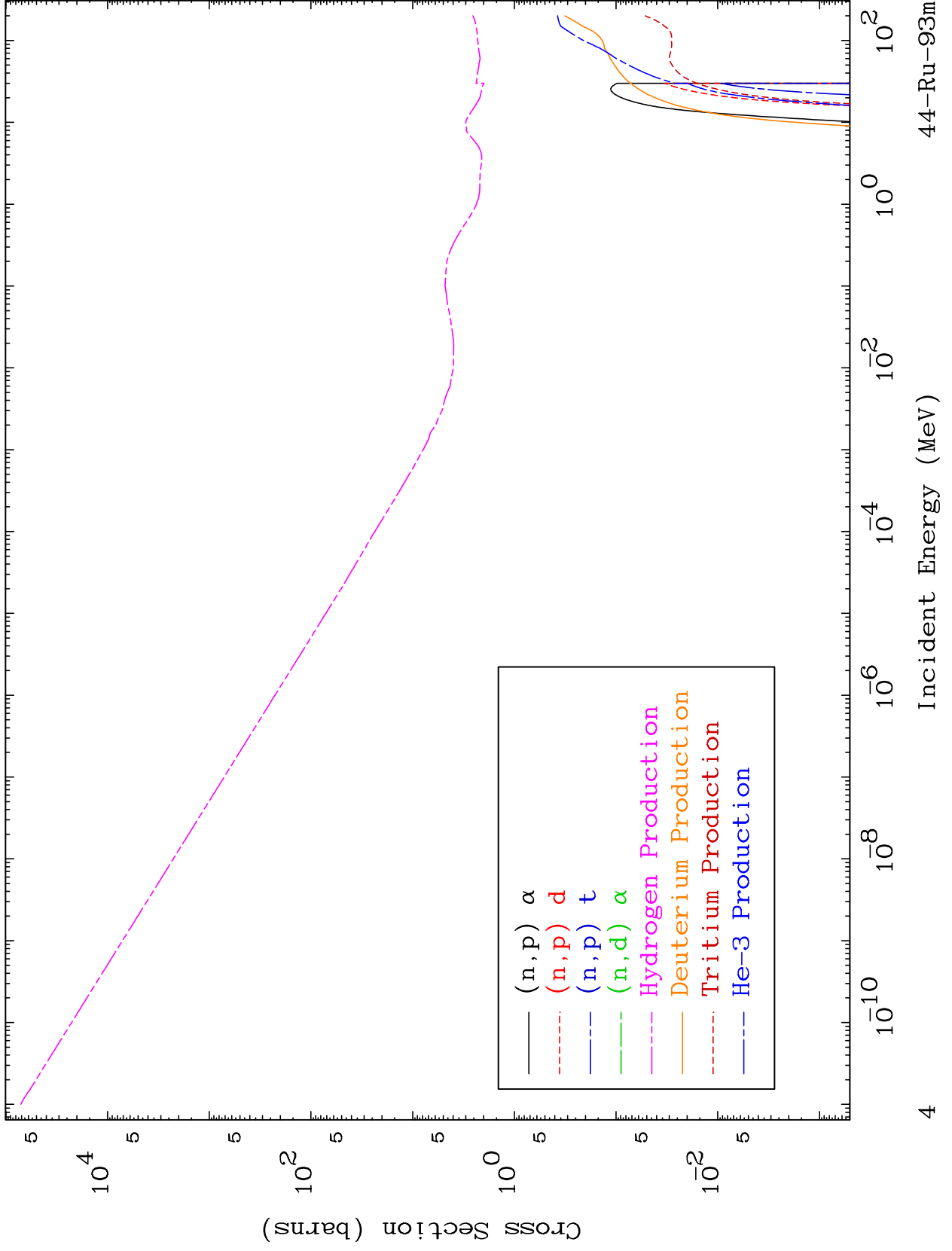
44-Ru-93m



MAT 4417

Neutron Absorption
293 Kelvin Cross Sections

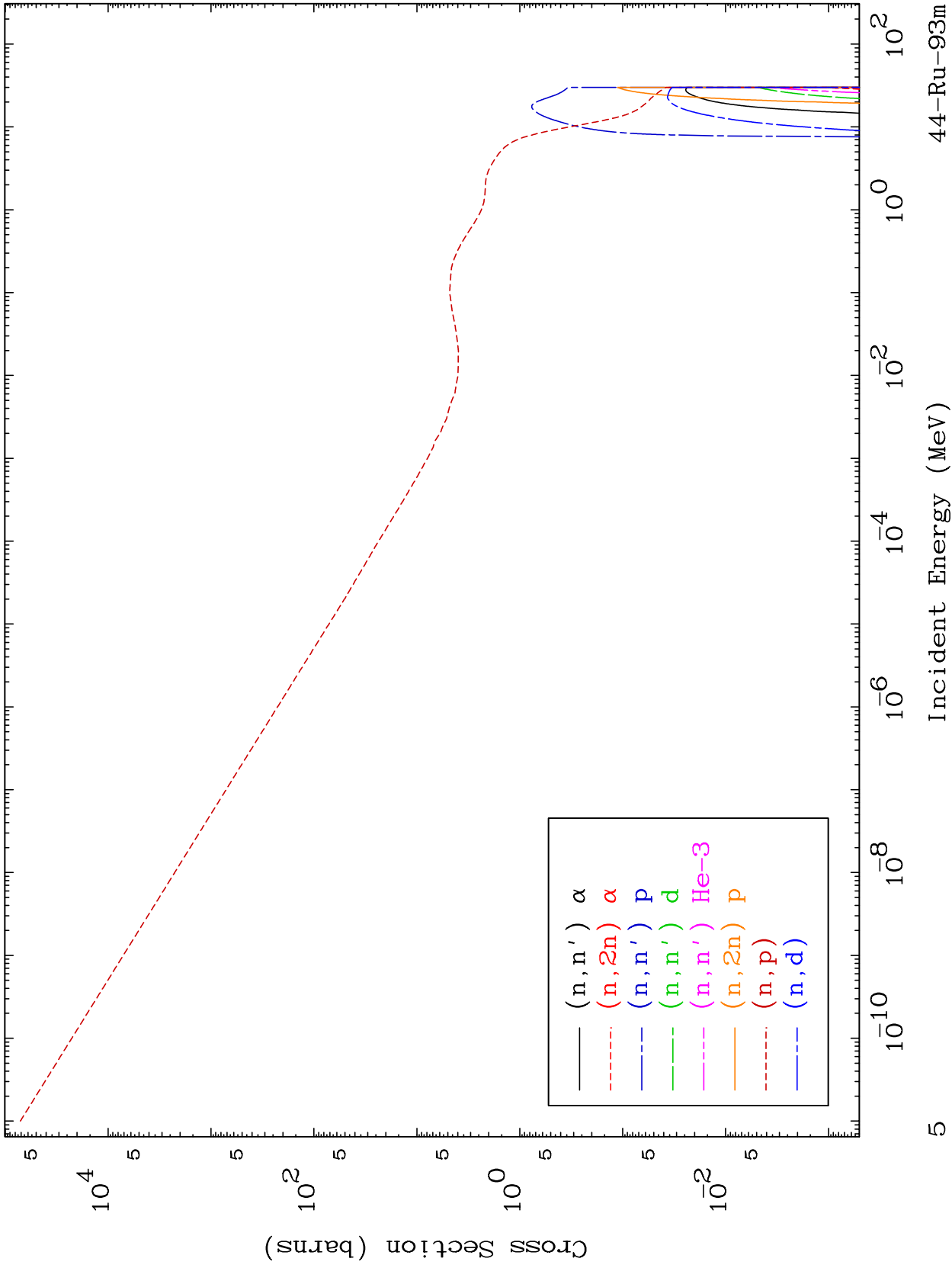
44-Ru-93m



MAT 4417

Charged Particle
293 Kelvin Cross Sections

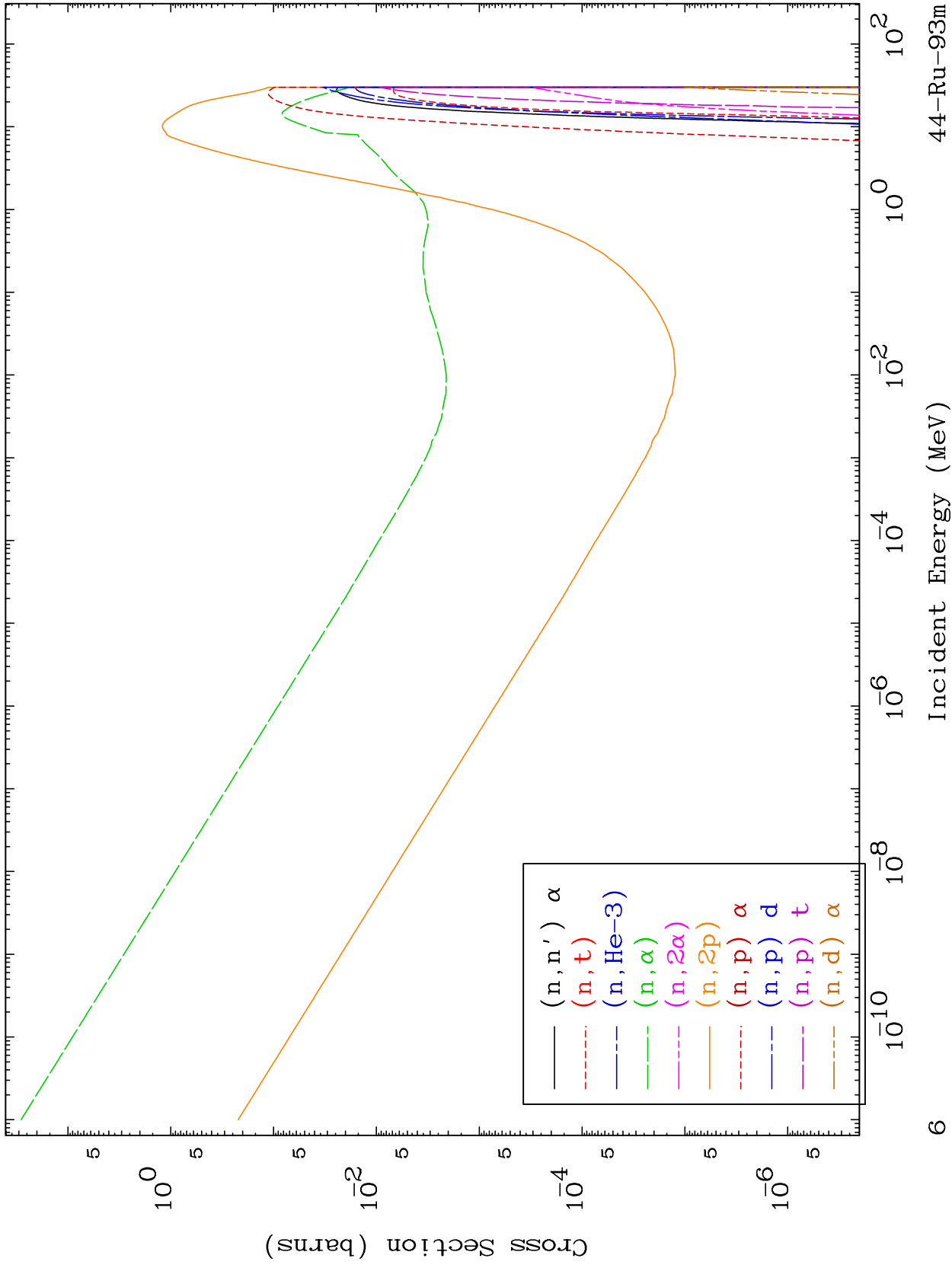
44-Ru-93m



MAT 4417

Charged Particle
293 Kelvin Cross Sections

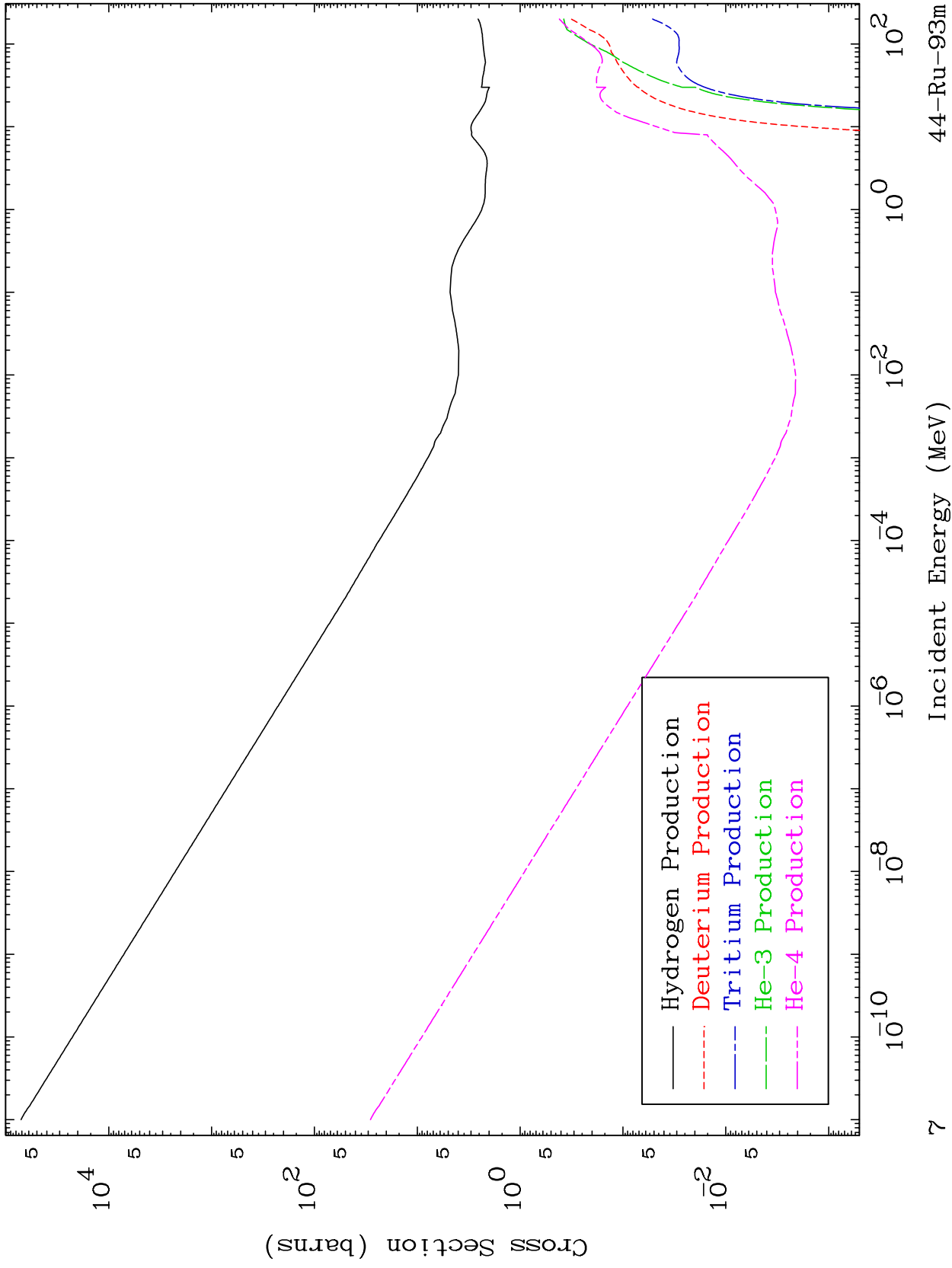
44-Ru-93m



MAT 4417

Particle Production
293 Kelvin Cross Sections

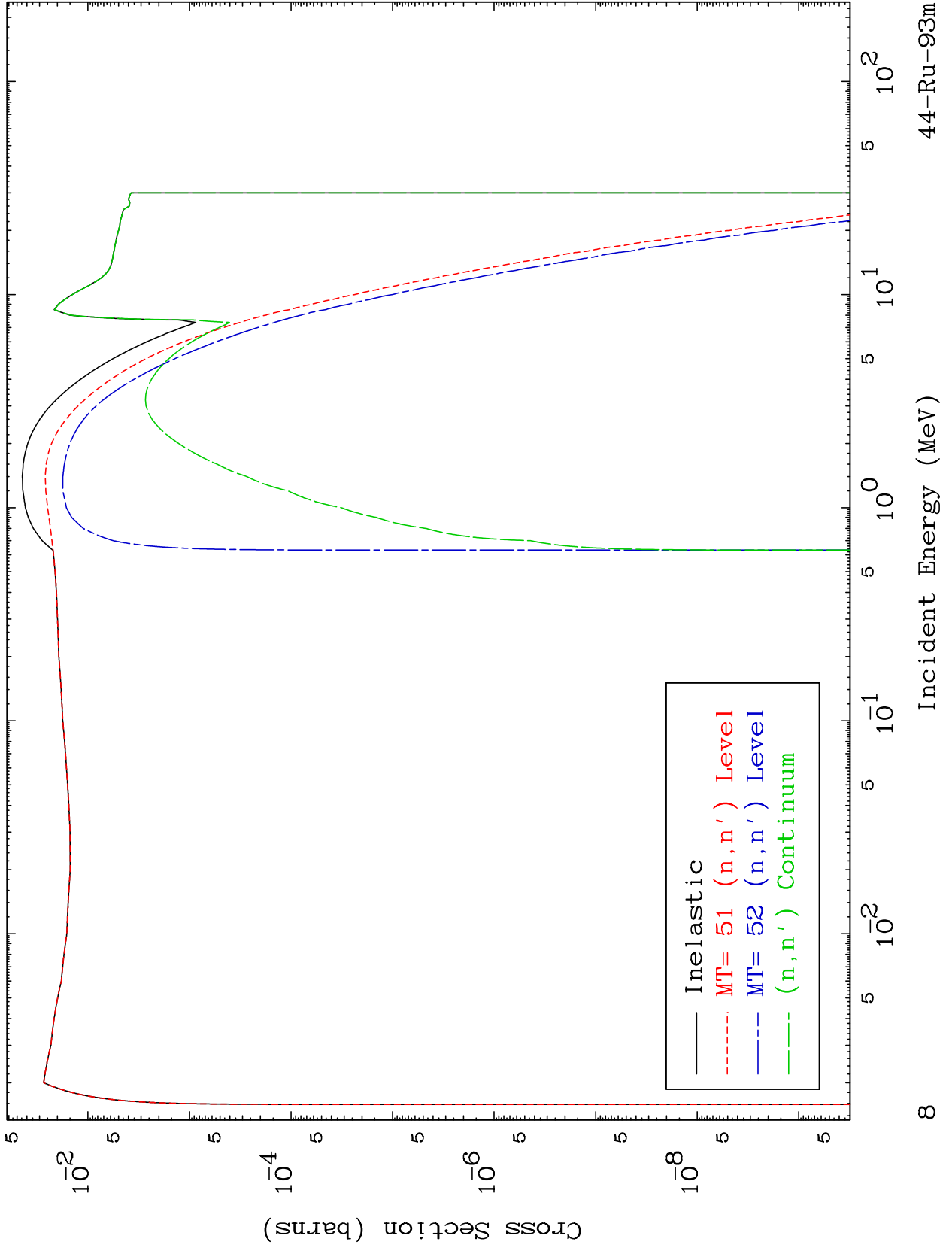
44-Ru-93m



MAT 4417

(n,n') Levels
293 Kelvin Cross Sections

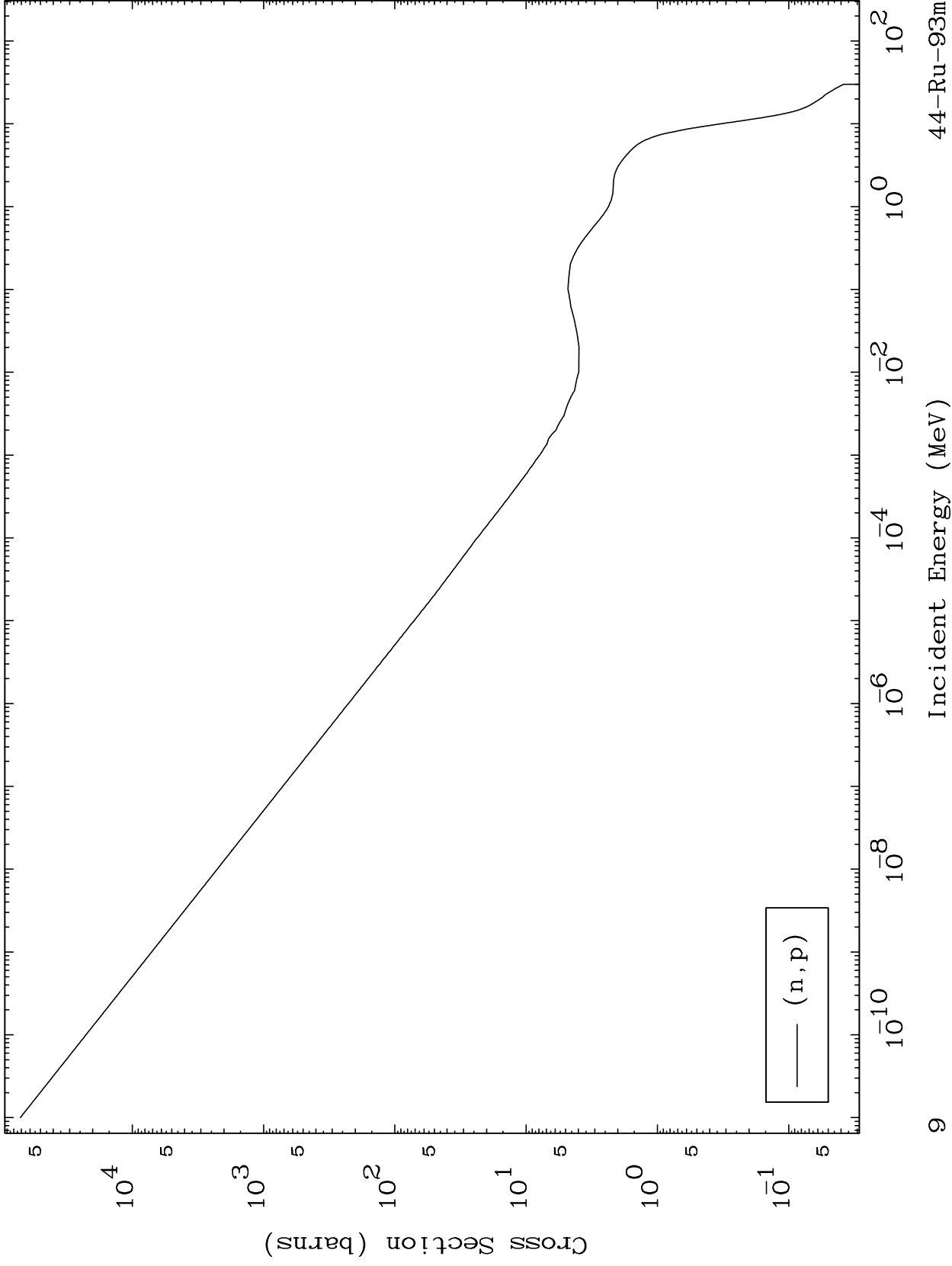
44-Ru-93m



MAT 4417

(n,p) Levels
293 Kelvin Cross Sections

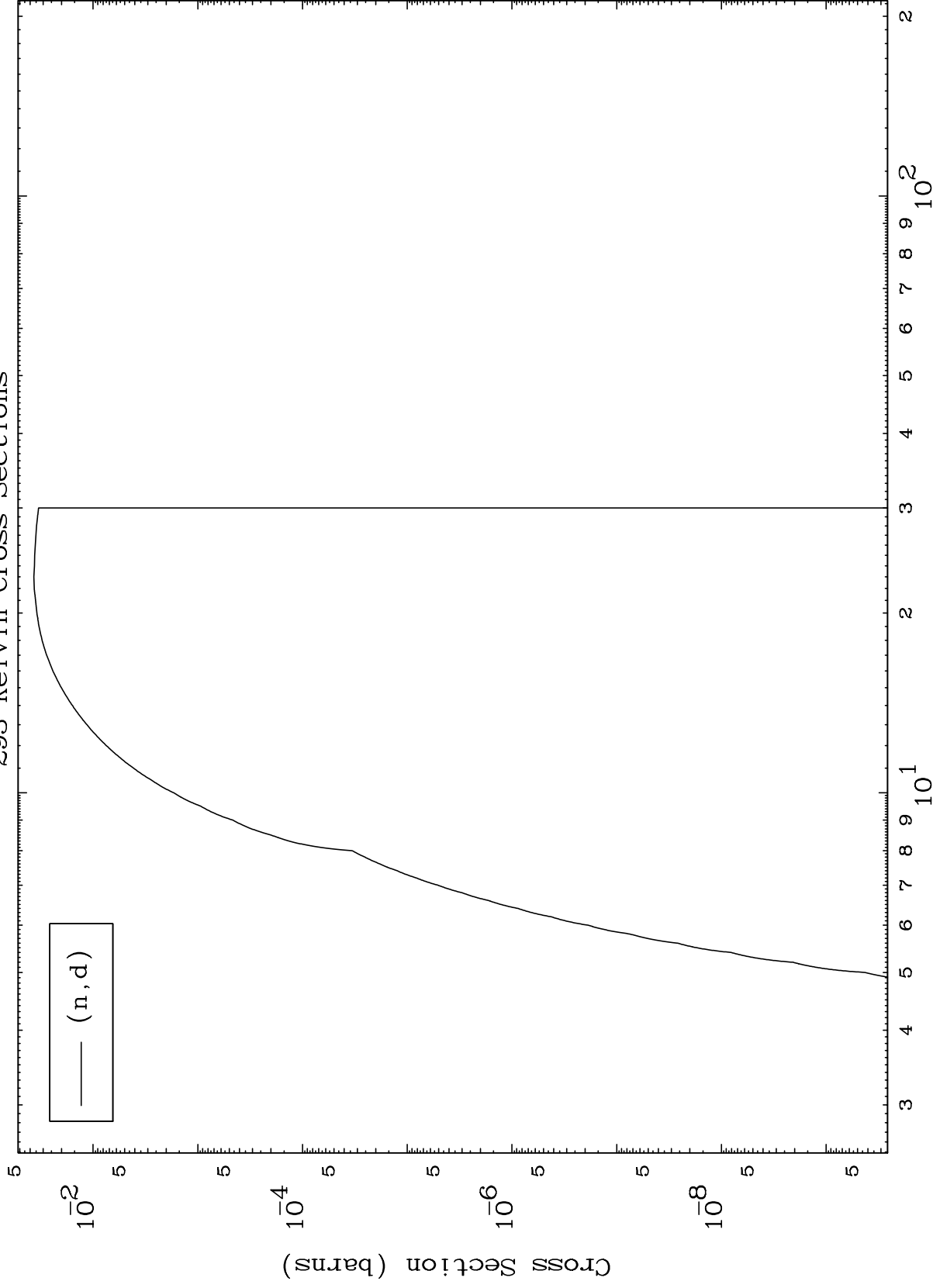
44-Ru-93m



MAT 4417

(n,d) Levels
293 Kelvin Cross Sections

44-Ru-93m



10

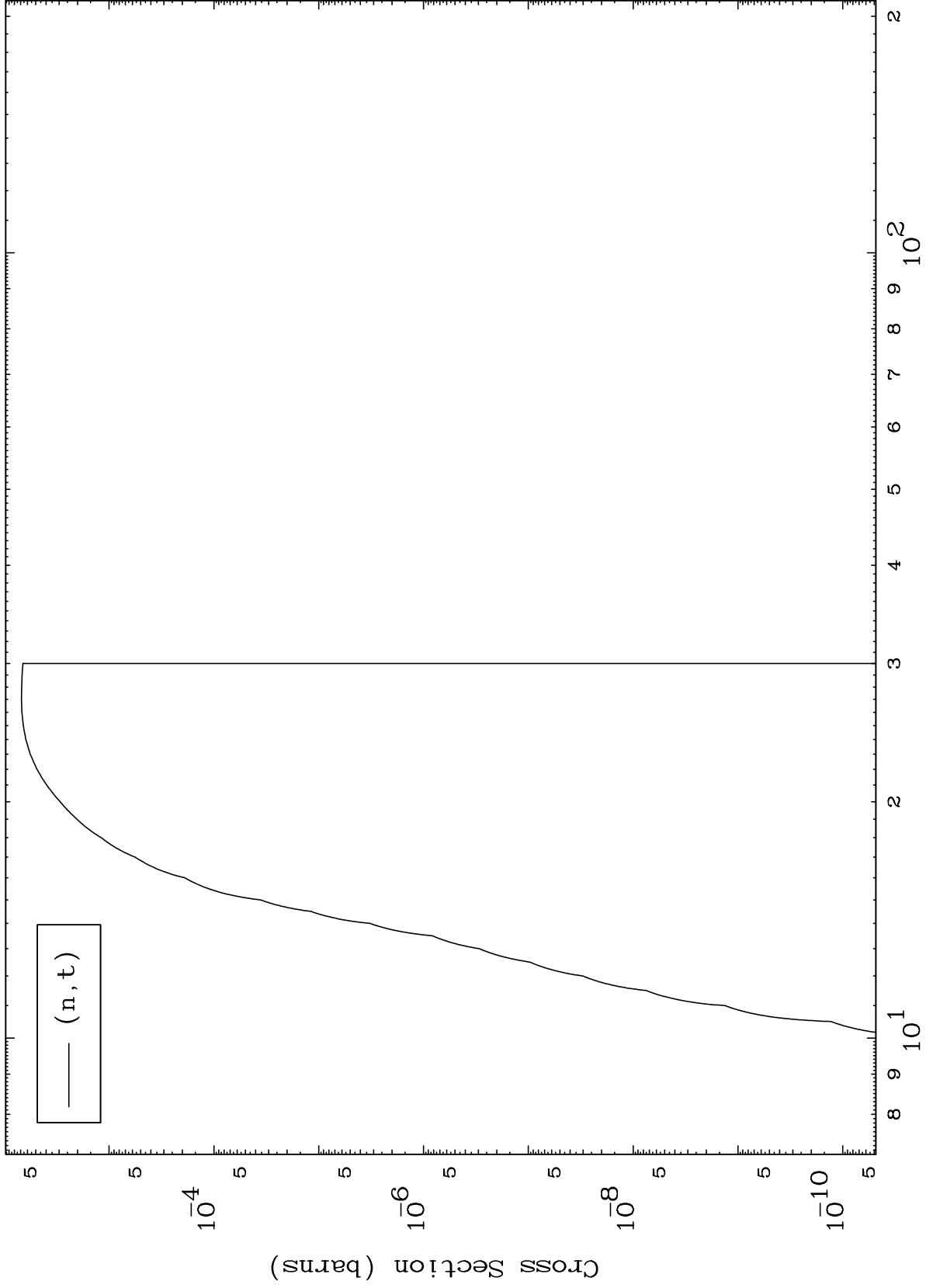
Incident Energy (MeV)

44-Ru-93m

MAT 4417

(n,t) Levels
293 Kelvin Cross Sections

44-Ru-93m



11

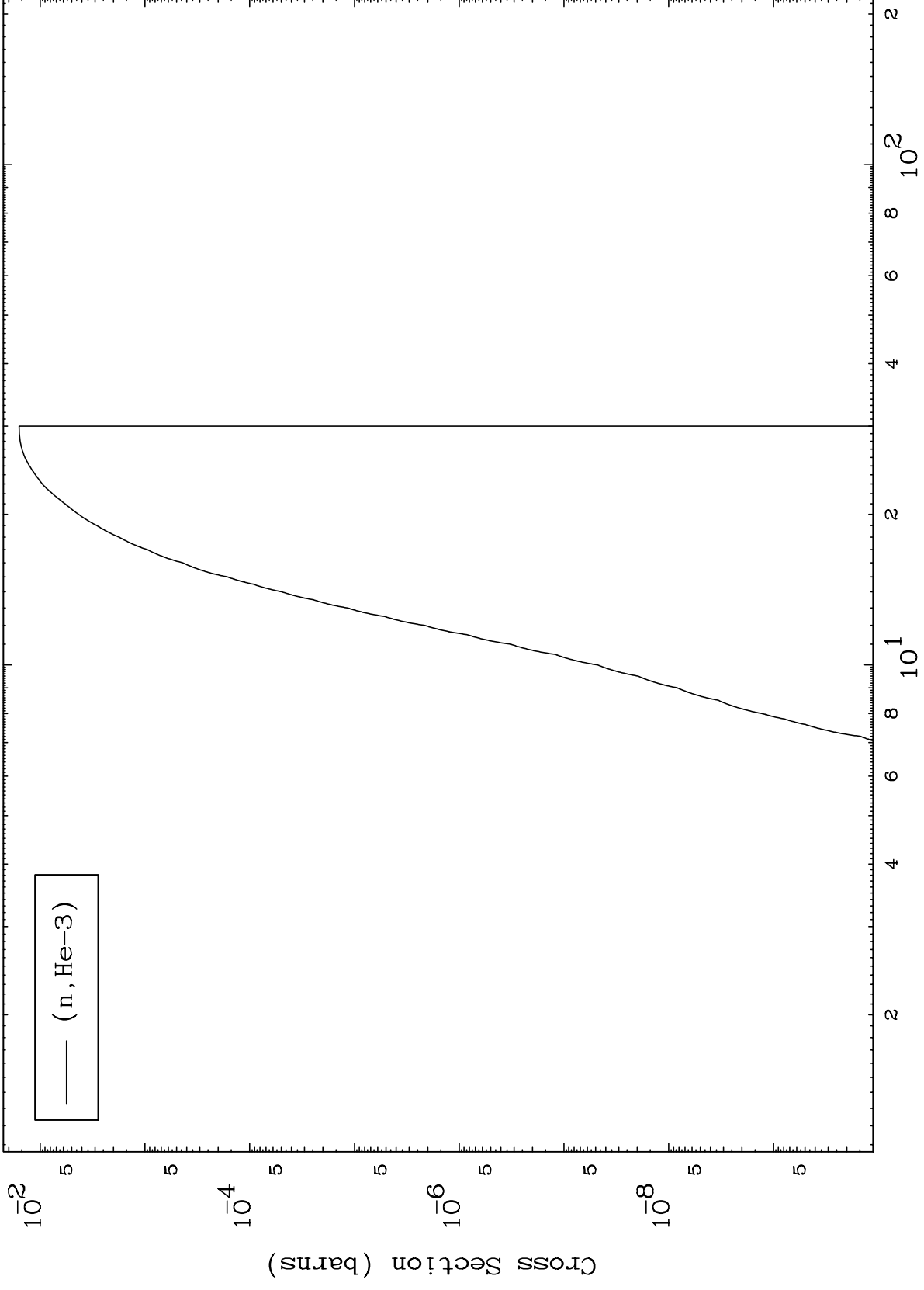
Incident Energy (MeV)

44-Ru-93m

MAT 4417

(n,He3) Levels
293 Kelvin Cross Sections

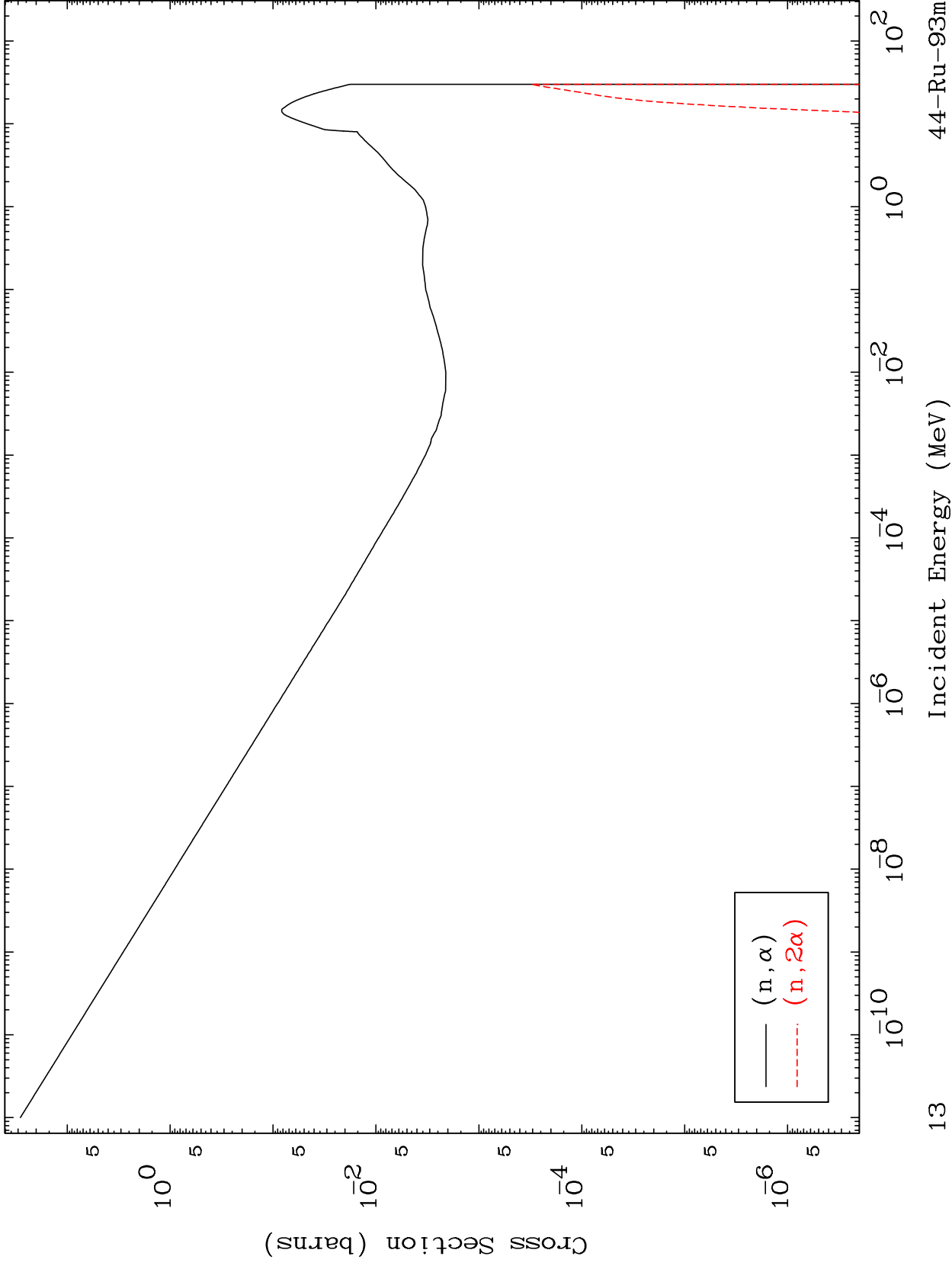
44-Ru-93m



MAT 4417

(n,α) Levels
293 Kelvin Cross Sections

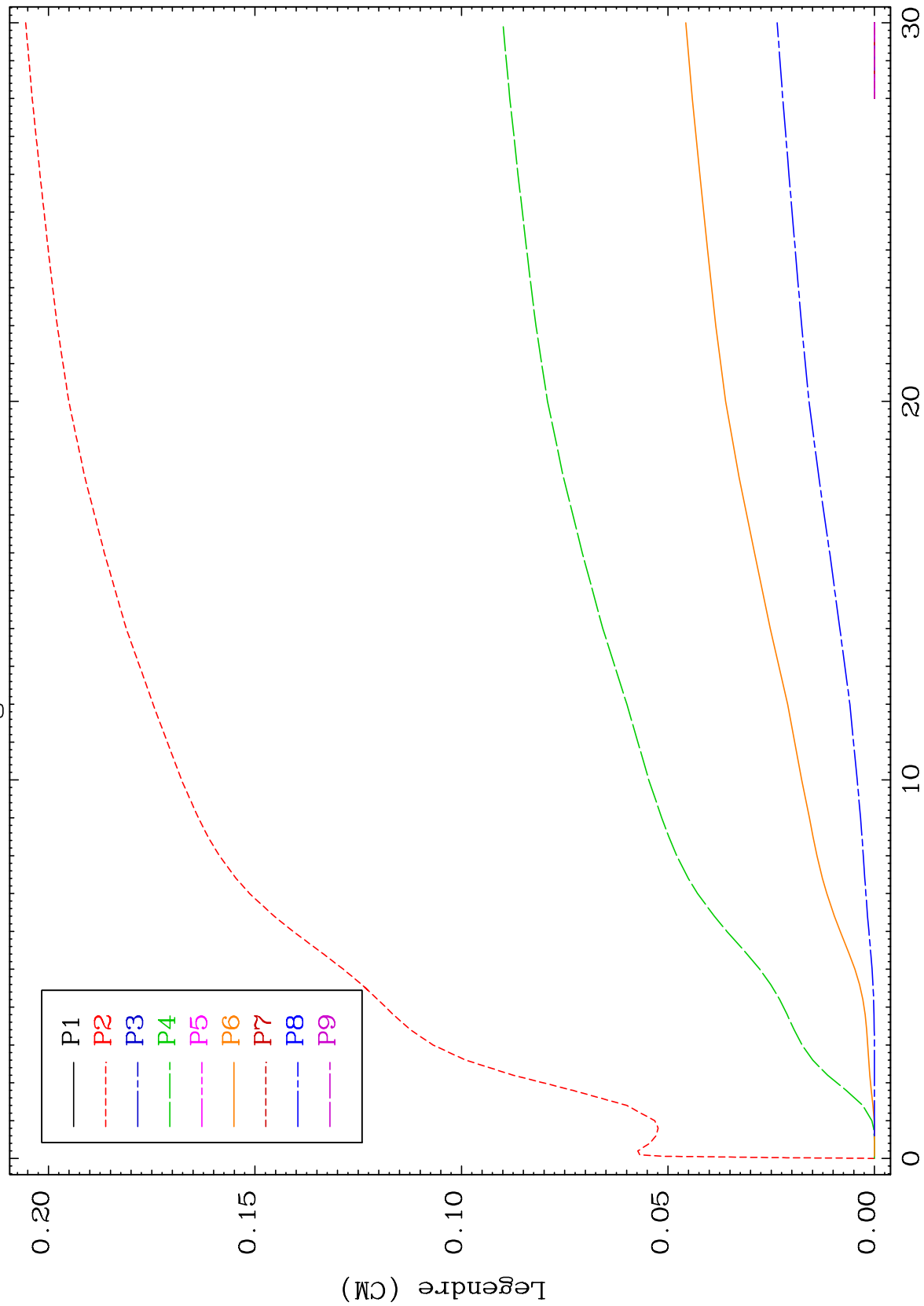
44-Ru-93m



MAT 4417

Elastic Legendre Coefficients

44-Ru-93m



14

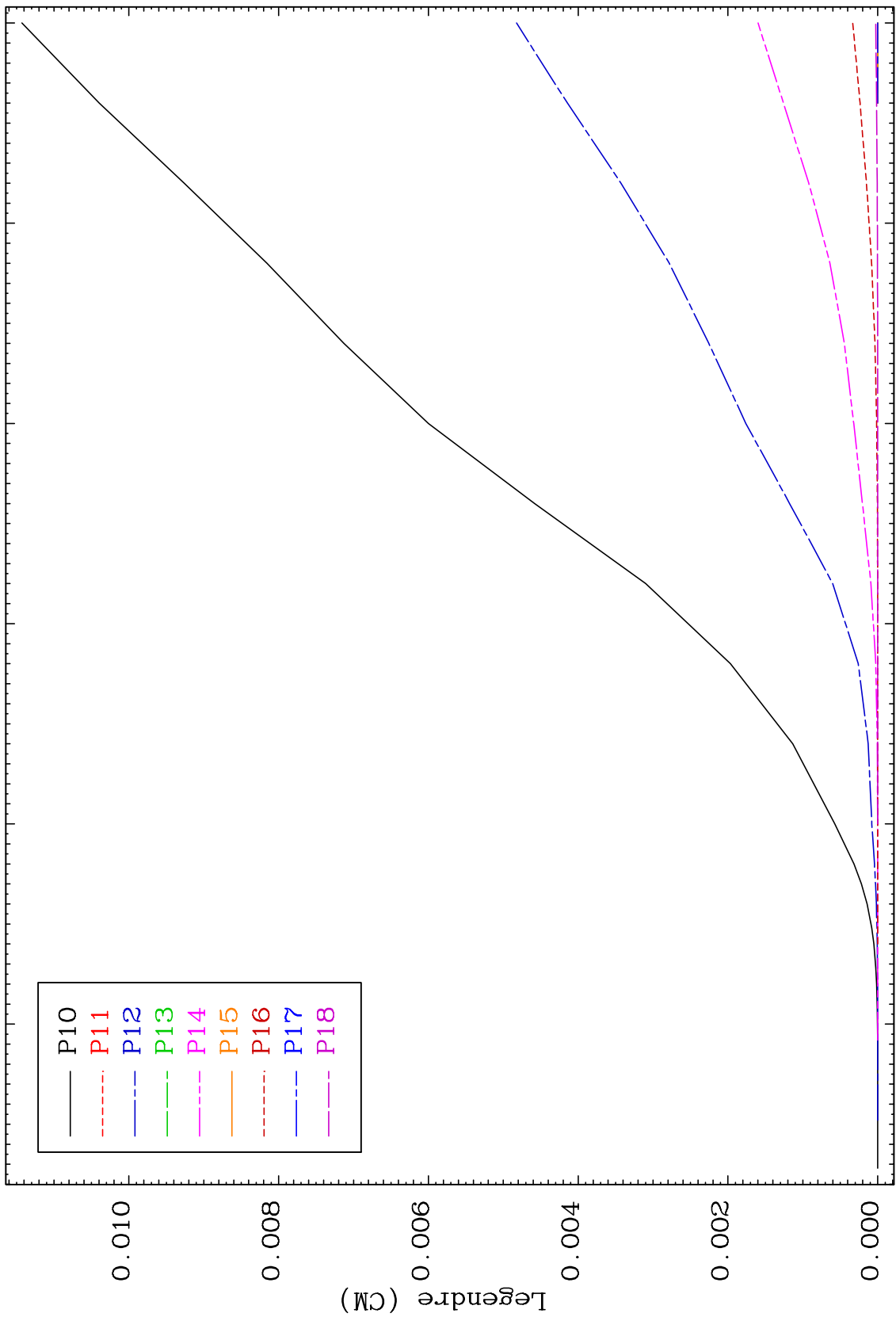
Incident Energy (MeV)

44-Ru-93m

MAT 4417

Elastic Legendre Coefficients

44-Ru-93m



15

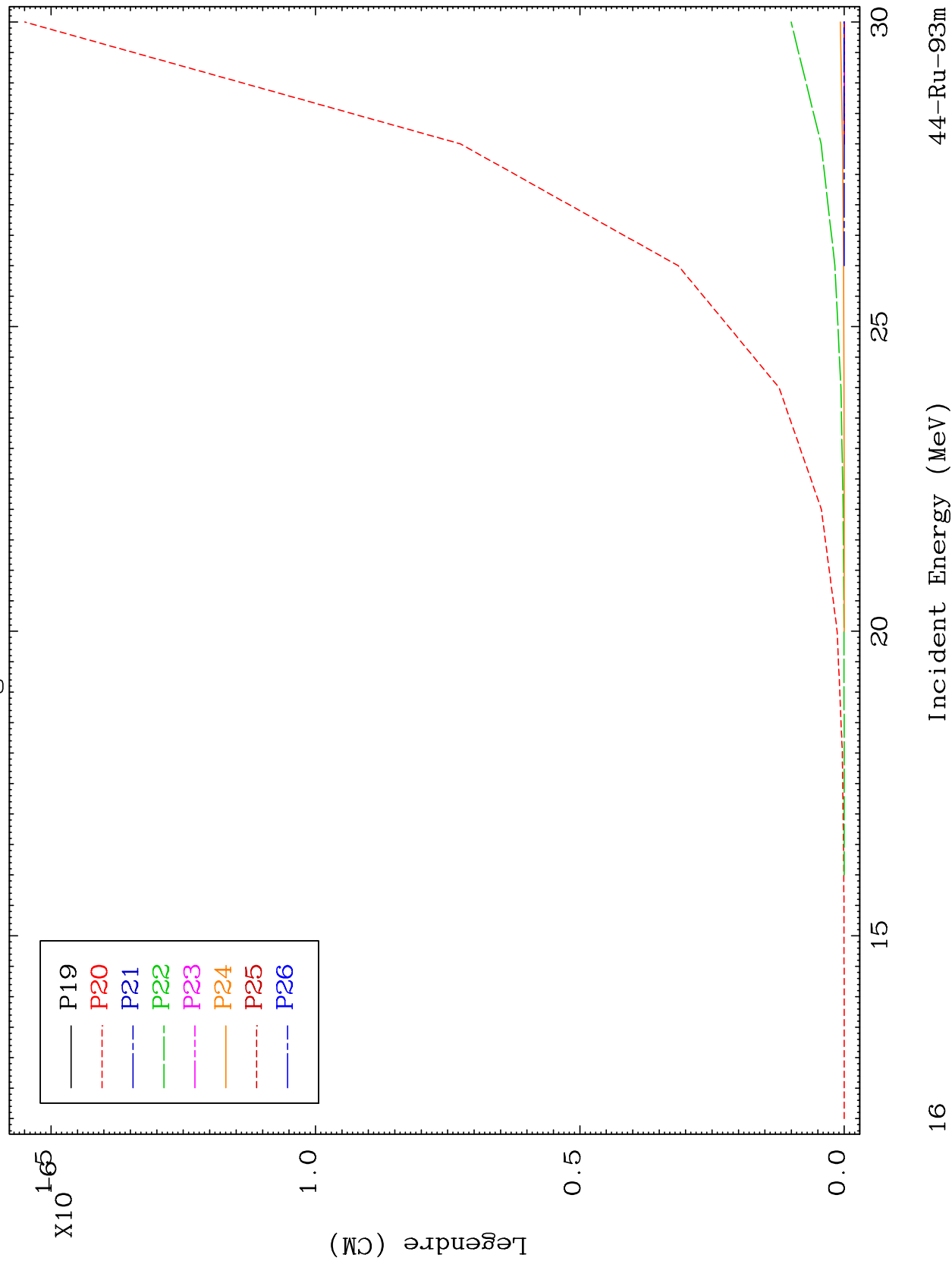
44-Ru-93m

Incident Energy (MeV)

MAT 4417

Elastic
Legendre Coefficients

44-Ru-93m



16

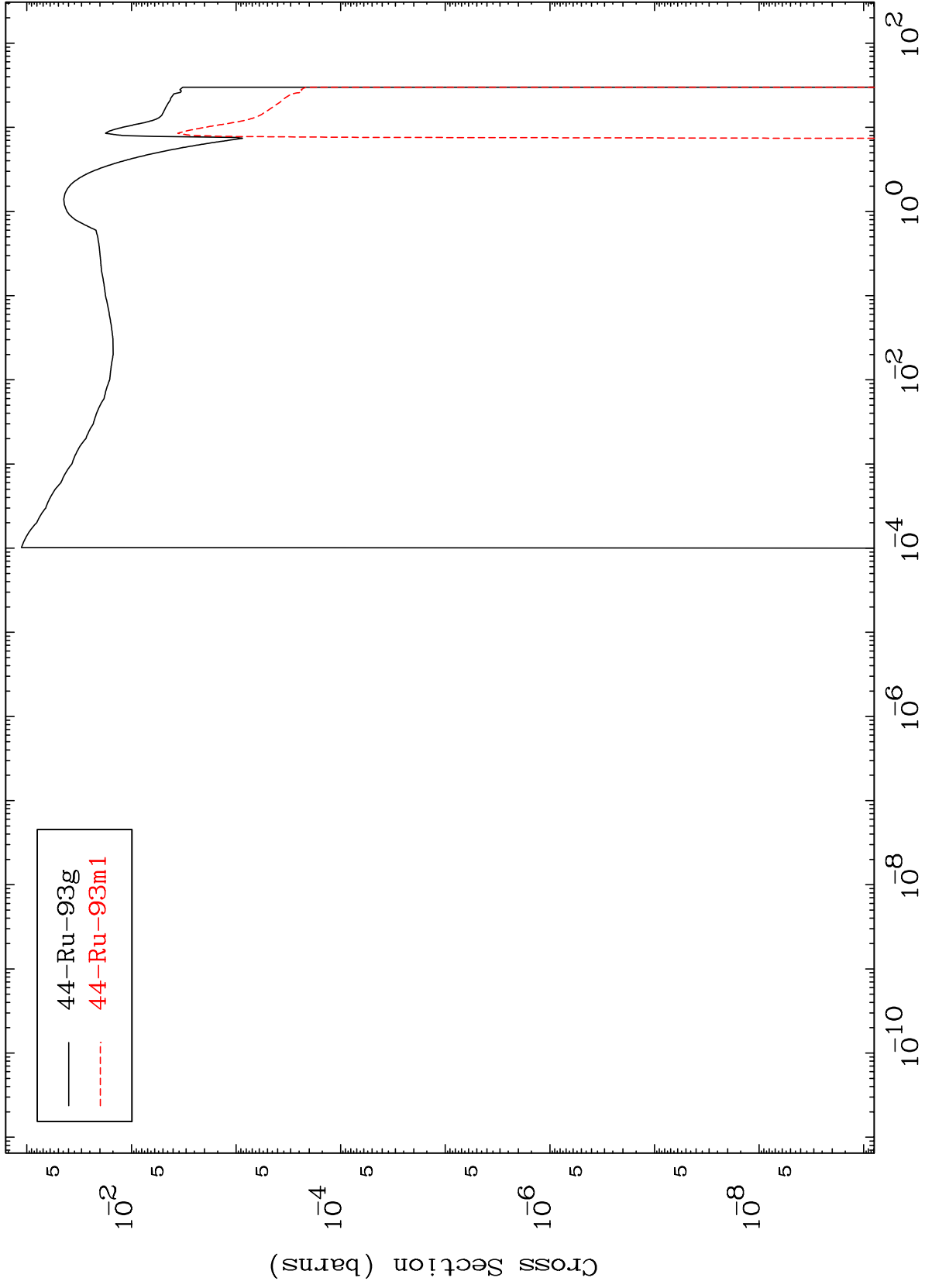
Incident Energy (MeV)

44-Ru-93m

MAT 4417

Inelastic
Radionuclide Production Cross Section

44-Ru-93m

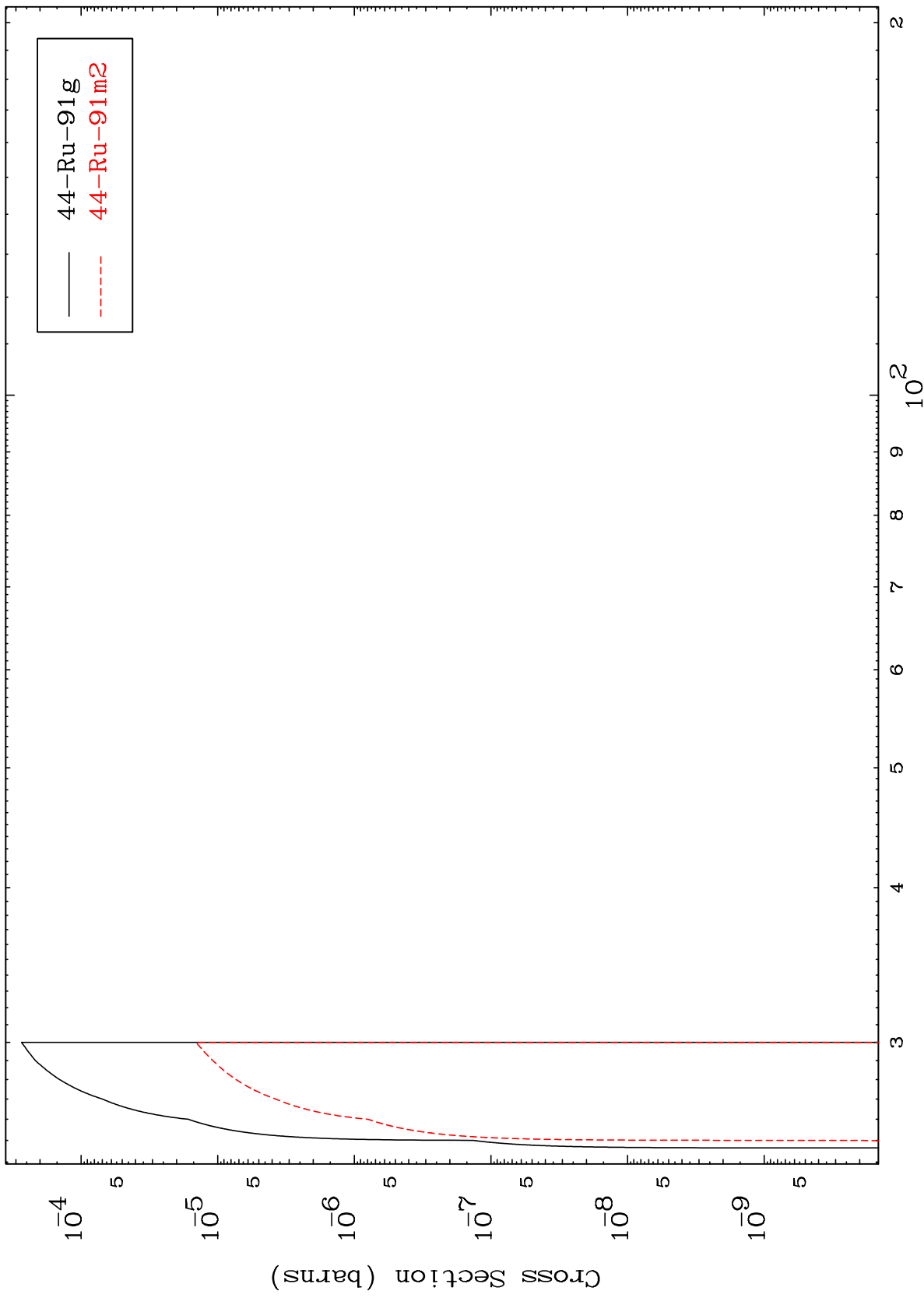


44-Ru-93m

MAT 4417

44-Ru-93m

(n,3n)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

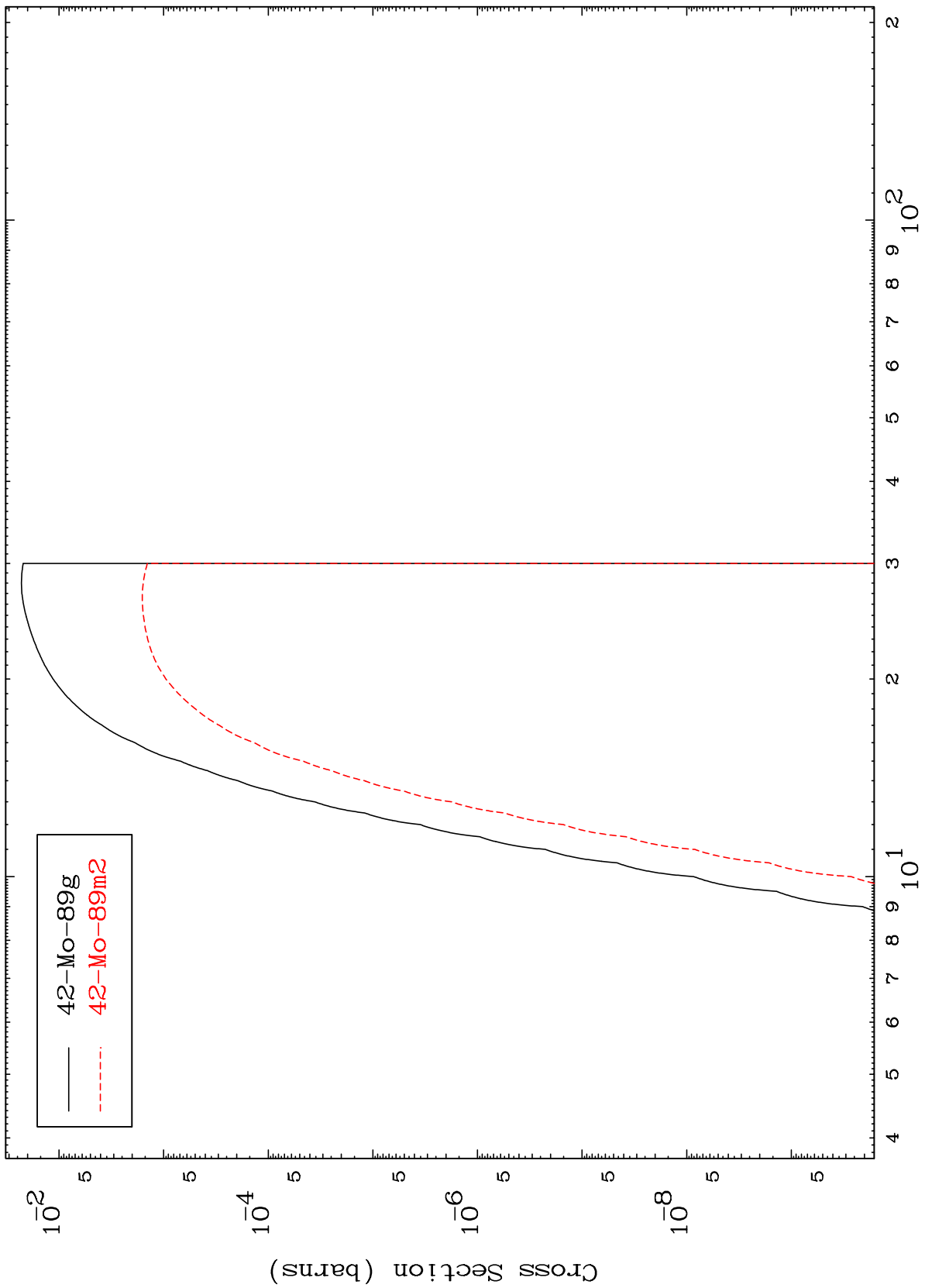
44-Ru-93m

MAT 4417

(n,n') α

44-Ru-93m

Radionuclide Production Cross Section



19

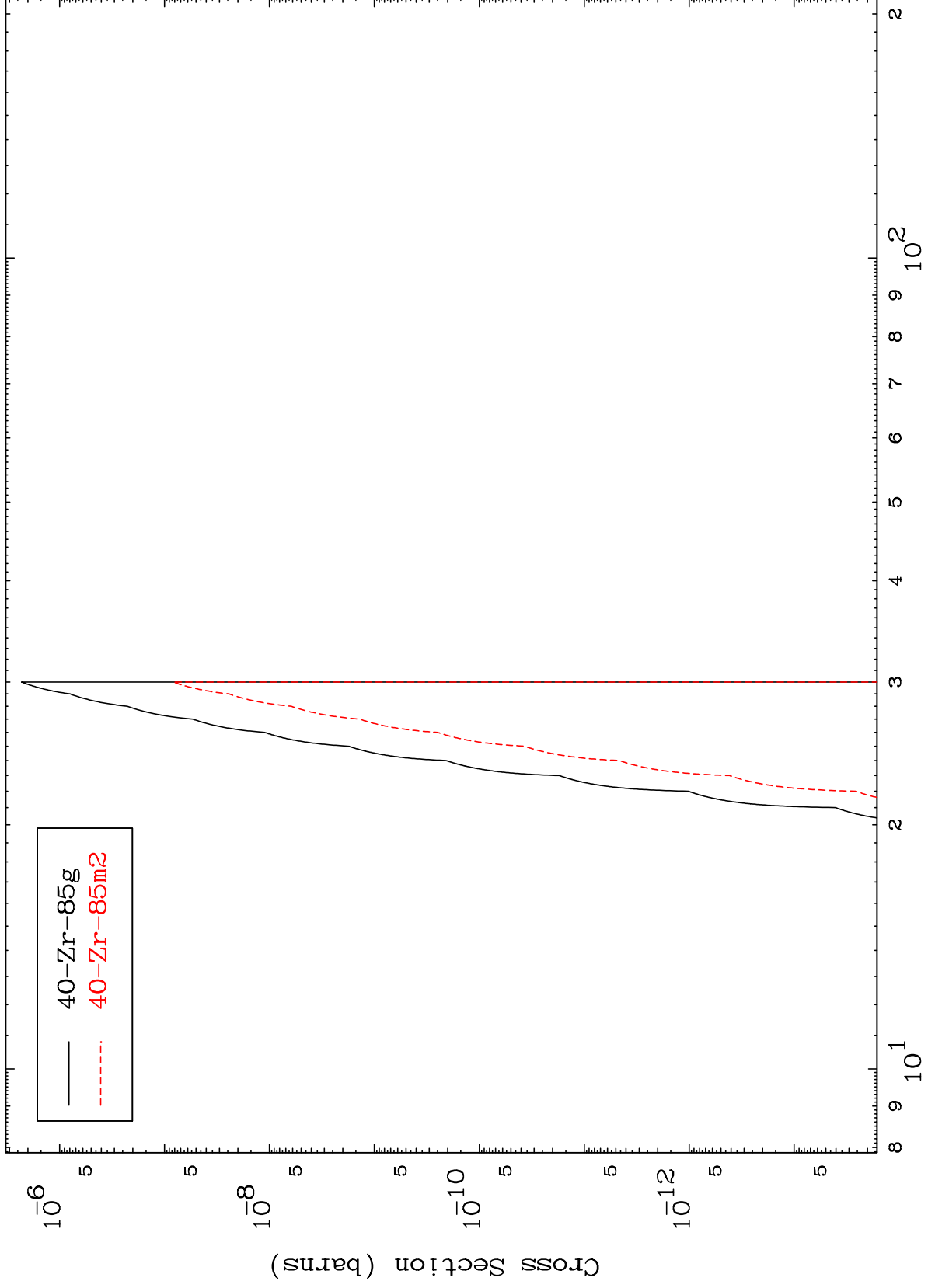
44-Ru-93m

MAT 4417

(n,n') 2α

44-Ru-93m

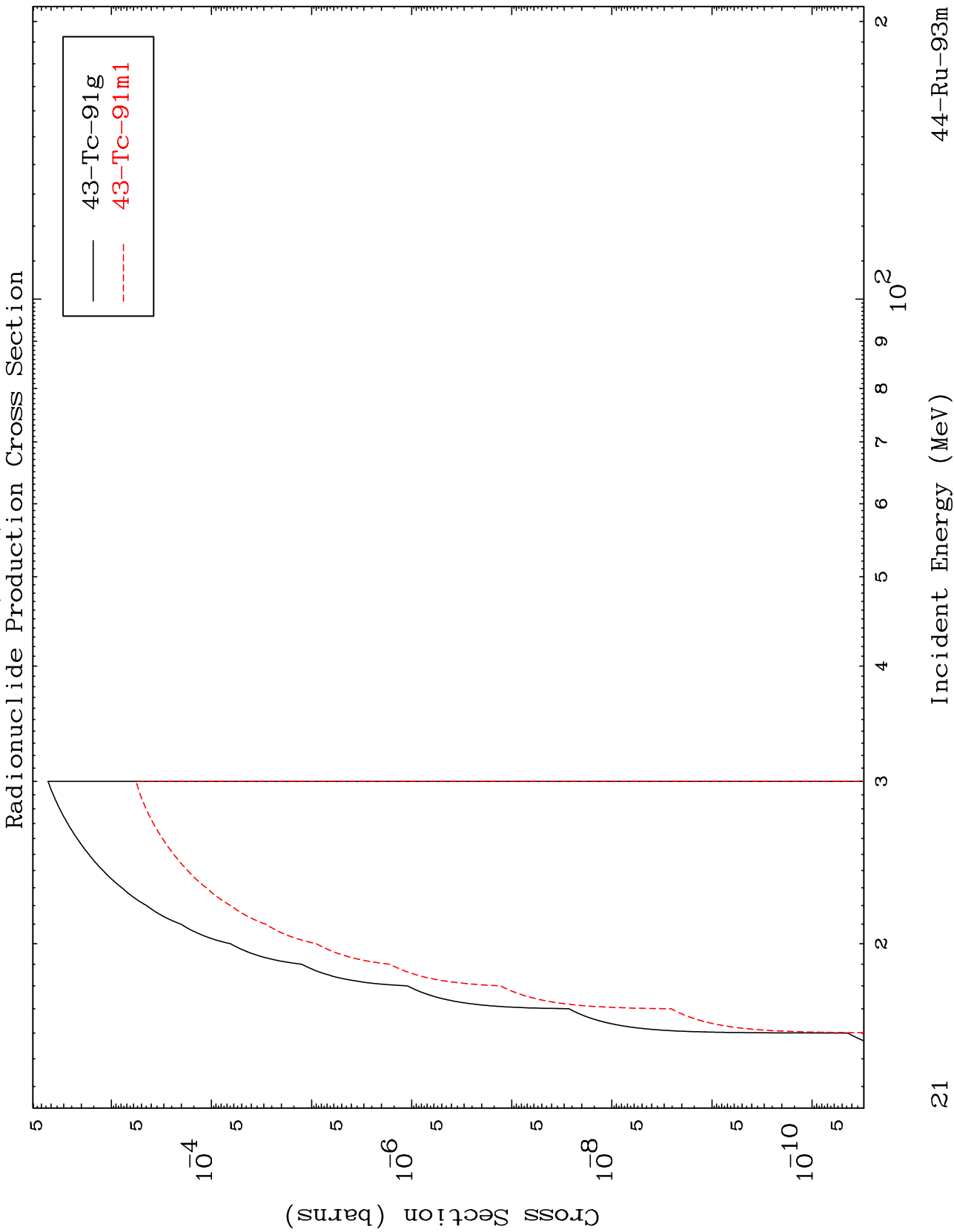
Radionuclide Production Cross Section



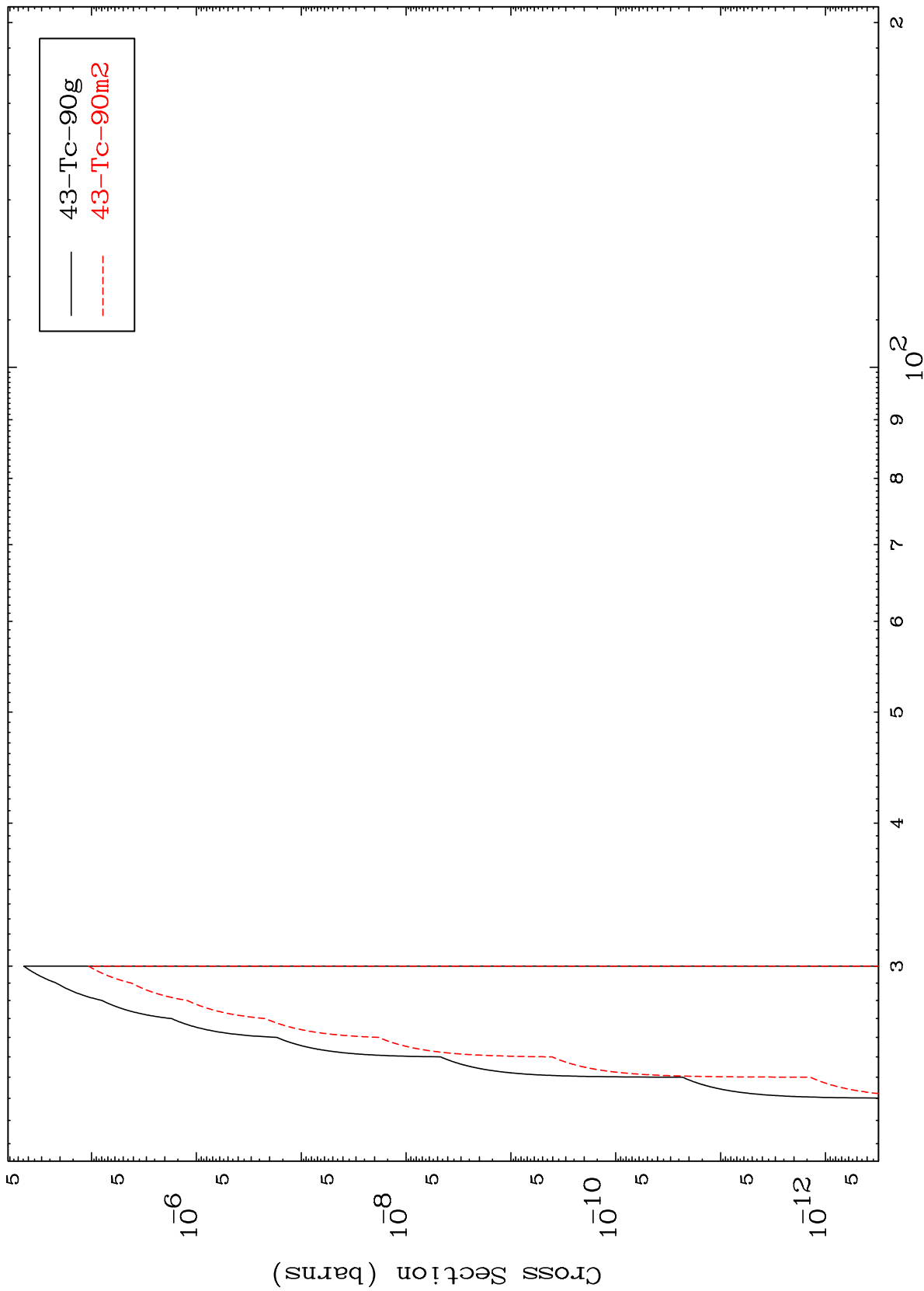
20

Incident Energy (MeV)

44-Ru-93m



Radionuclide Production Cross Section

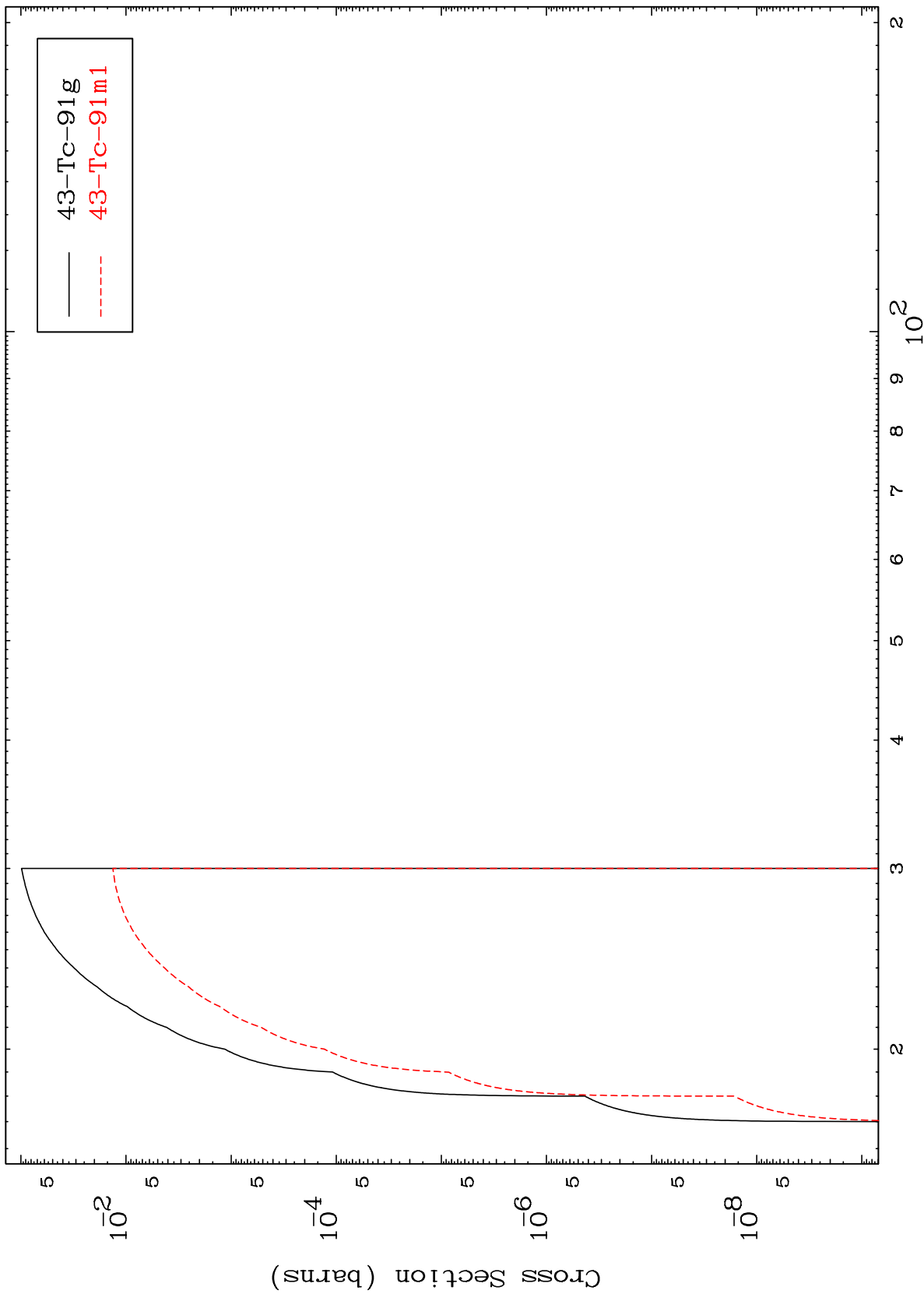


MAT 4417

(n,2n) p

44-Ru-93m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

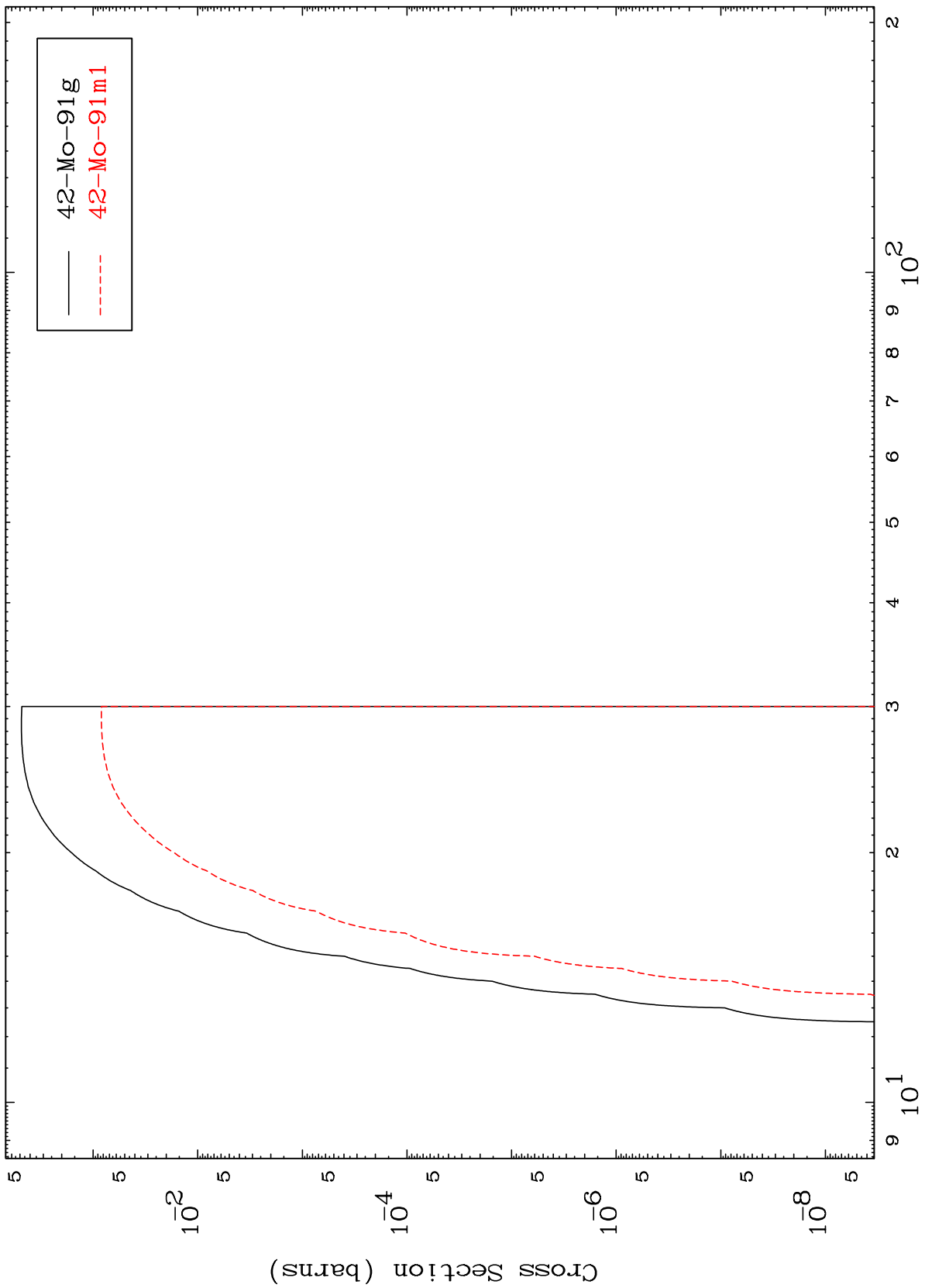
44-Ru-93m

MAT 4417

(n,2n) p

44-Ru-93m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

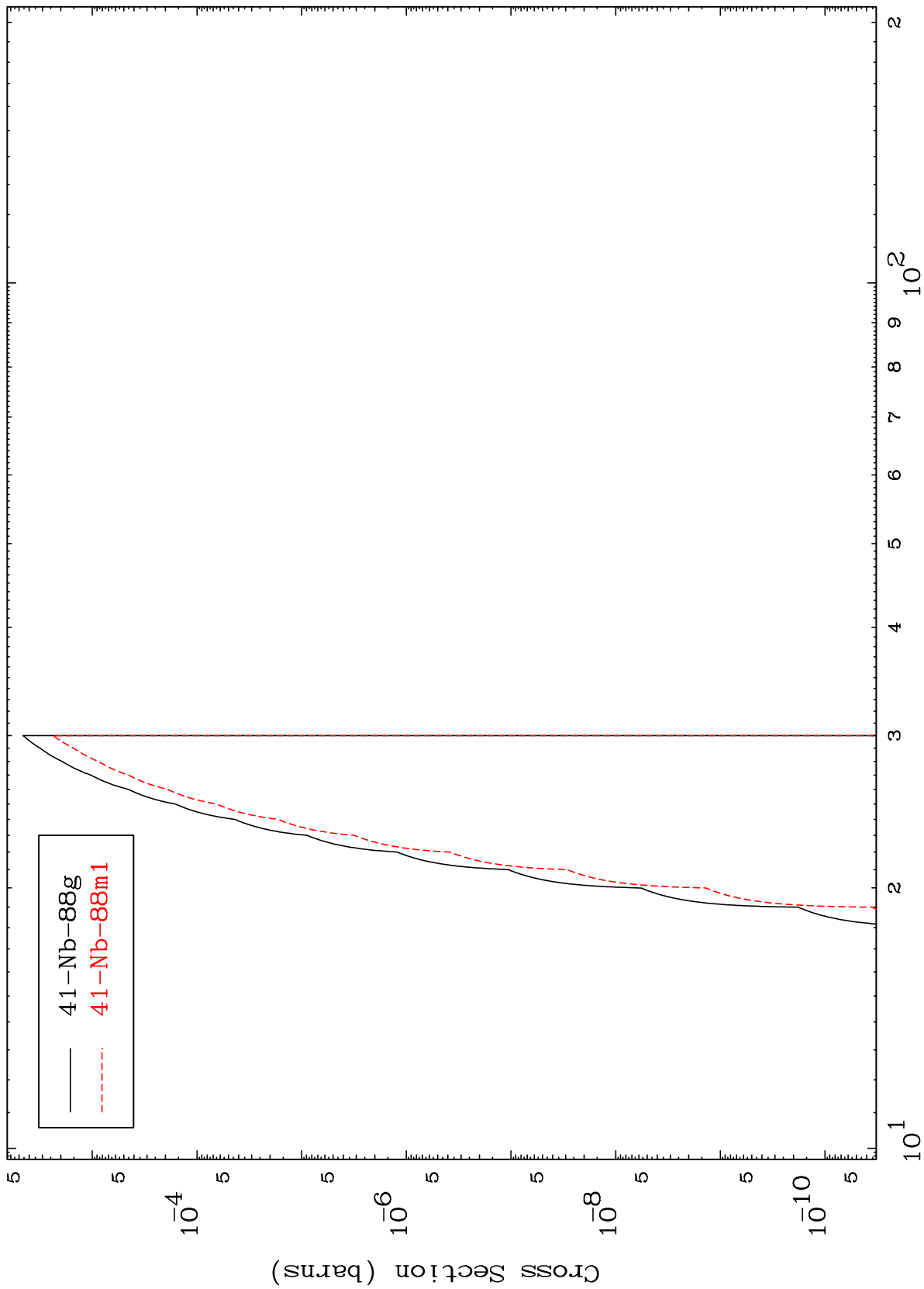
44-Ru-93m

MAT 4417

(n,n') p α

44-Ru-93m

Radionuclide Production Cross Section



Incident Energy (MeV)

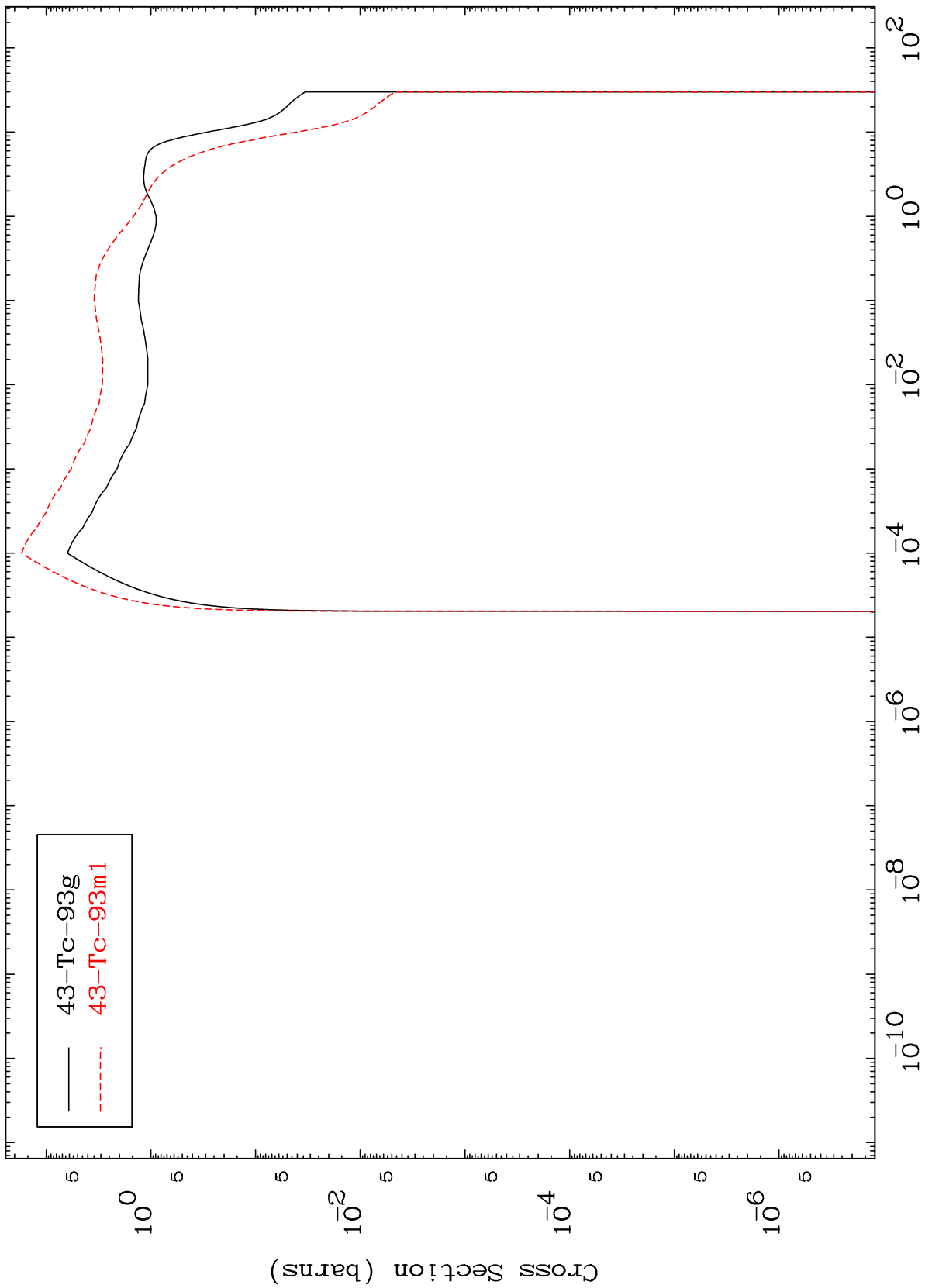
44-Ru-93m

25

MAT 4417

44-Ru-93m

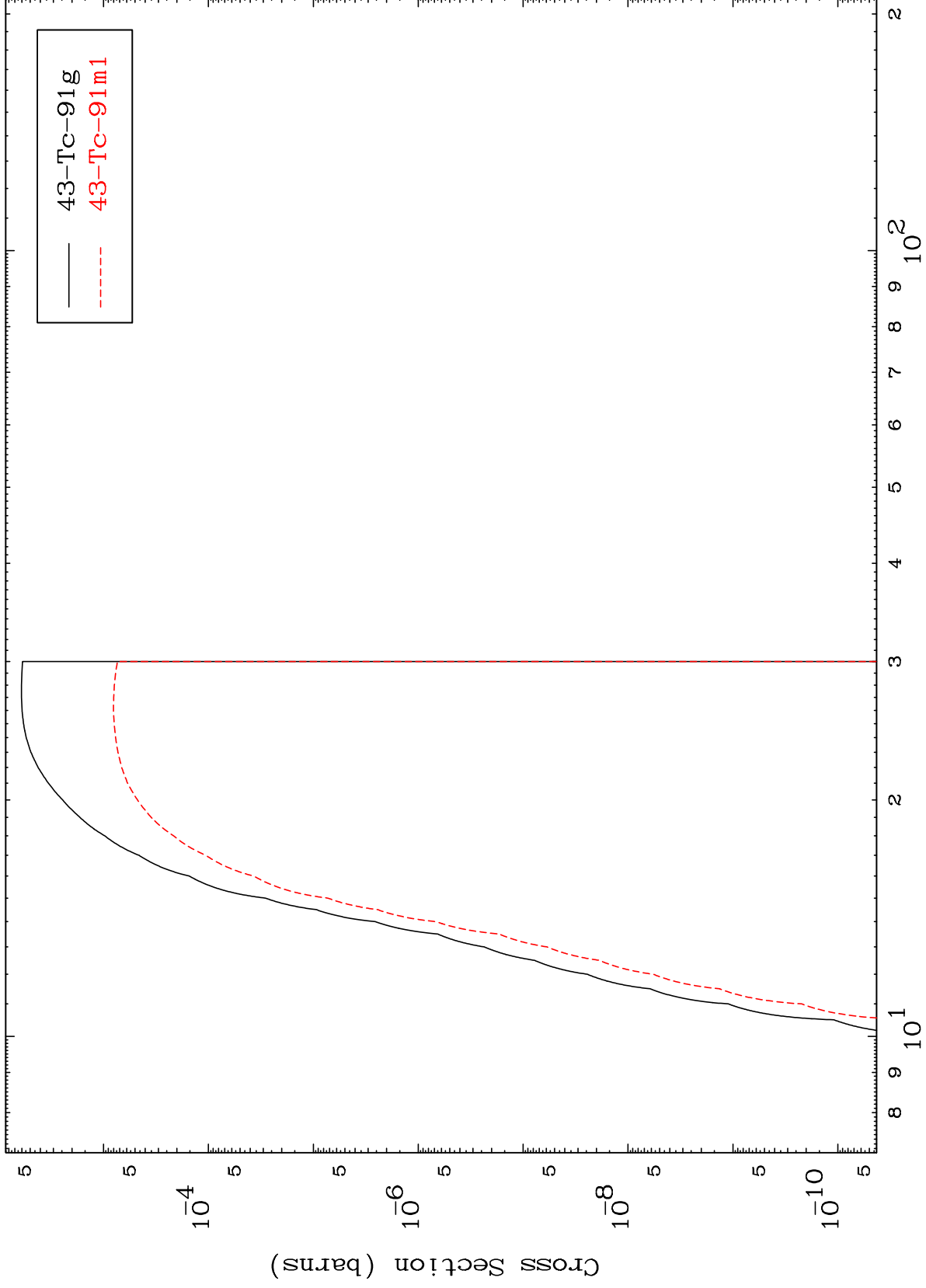
(n,p)
Radionuclide Production Cross Section



MAT 4417

44-Ru-93m

(n, t)
Radionuclide Production Cross Section



27

Incident Energy (MeV)

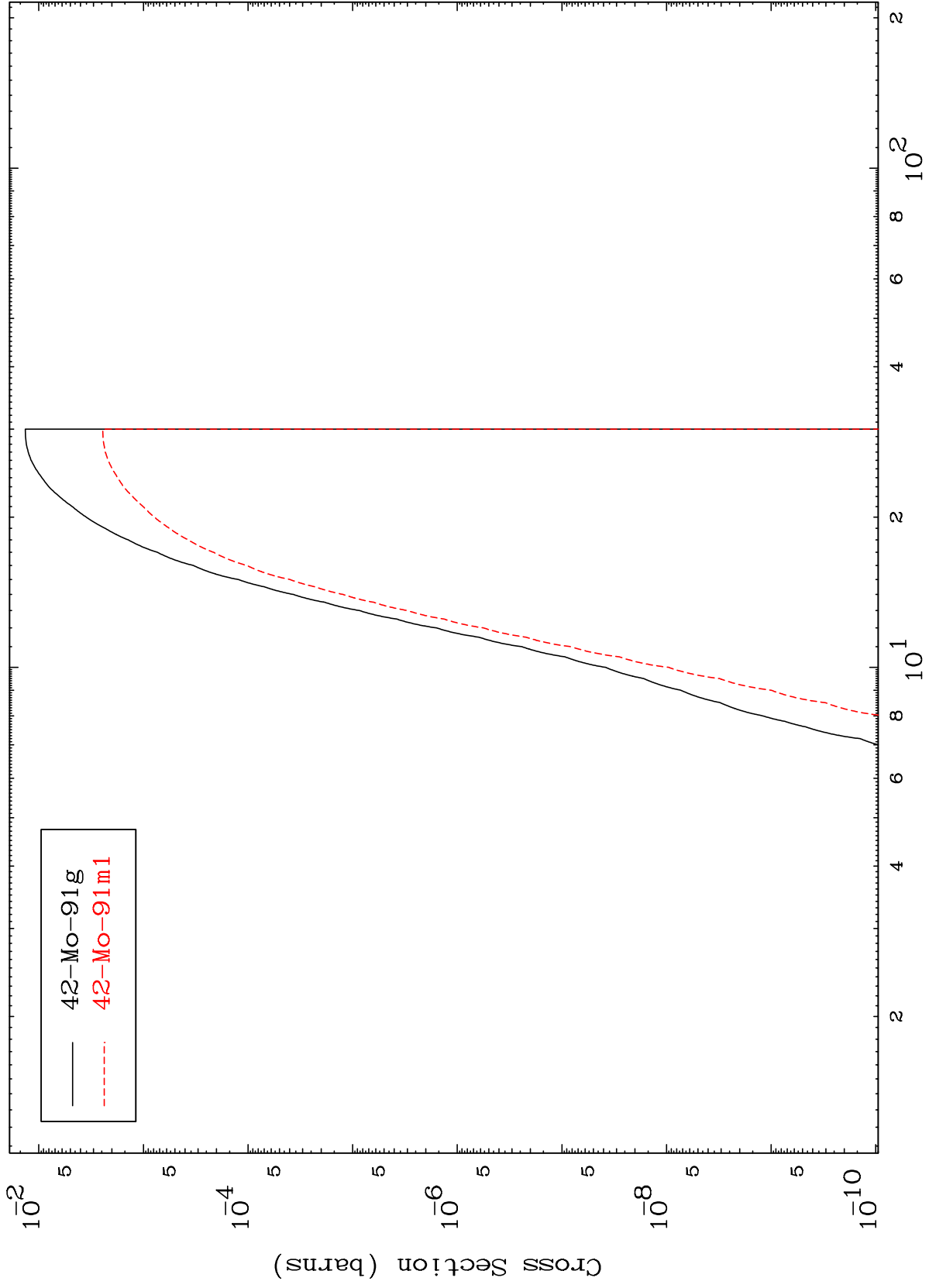
44-Ru-93m

MAT 4417

(n,He-3)

44-Ru-93m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

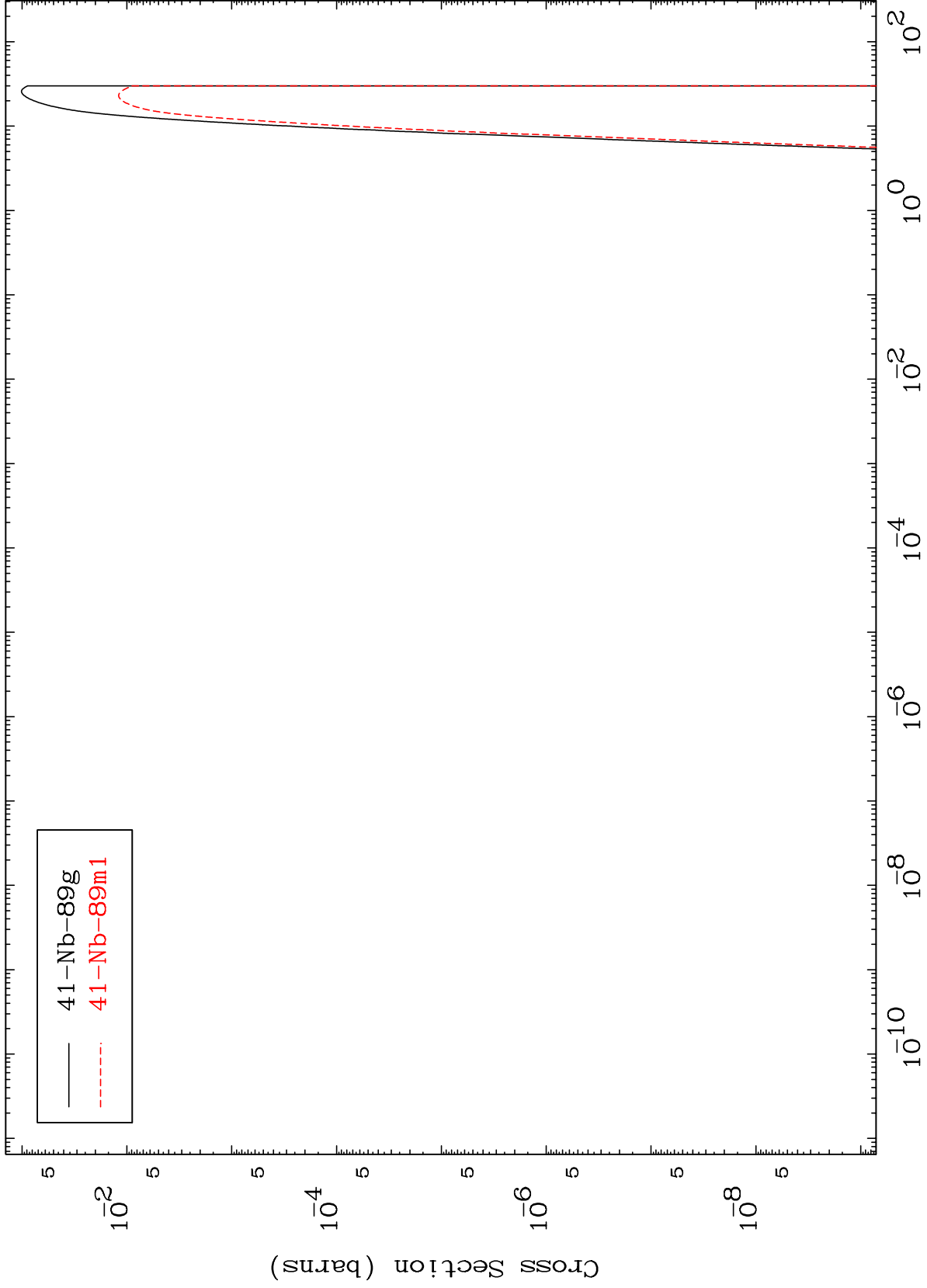
44-Ru-93m

MAT 4417

(n,p) α

44-Ru-93m

Radionuclide Production Cross Section

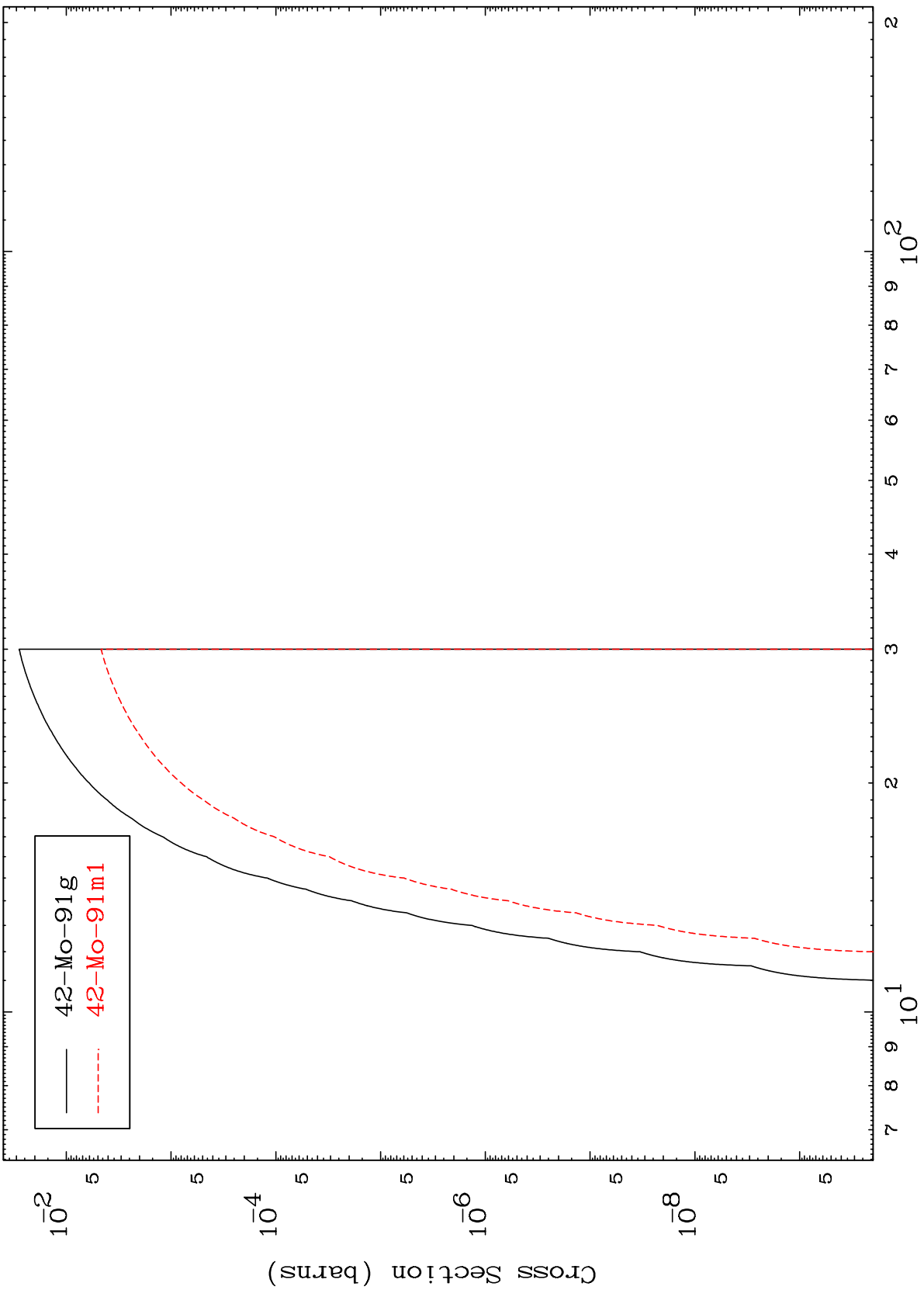


MAT 4417

(n,p) d

44-Ru-93m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

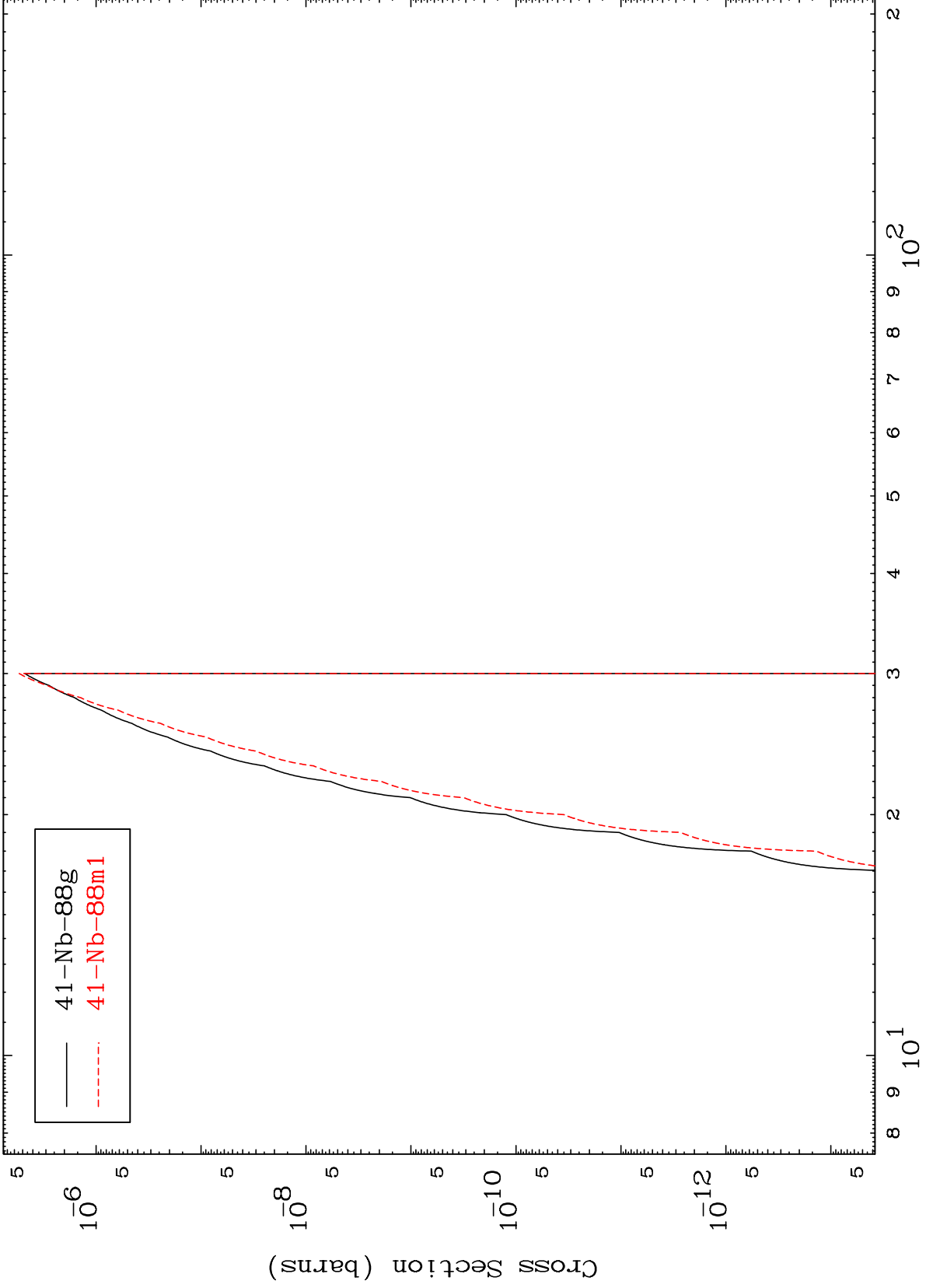
44-Ru-93m

MAT 4417

(n,d) α

44-Ru-93m

Radionuclide Production Cross Section



31

Incident Energy (MeV)

44-Ru-93m