

Program EVALPLOT  
(Version 2021-1)

by

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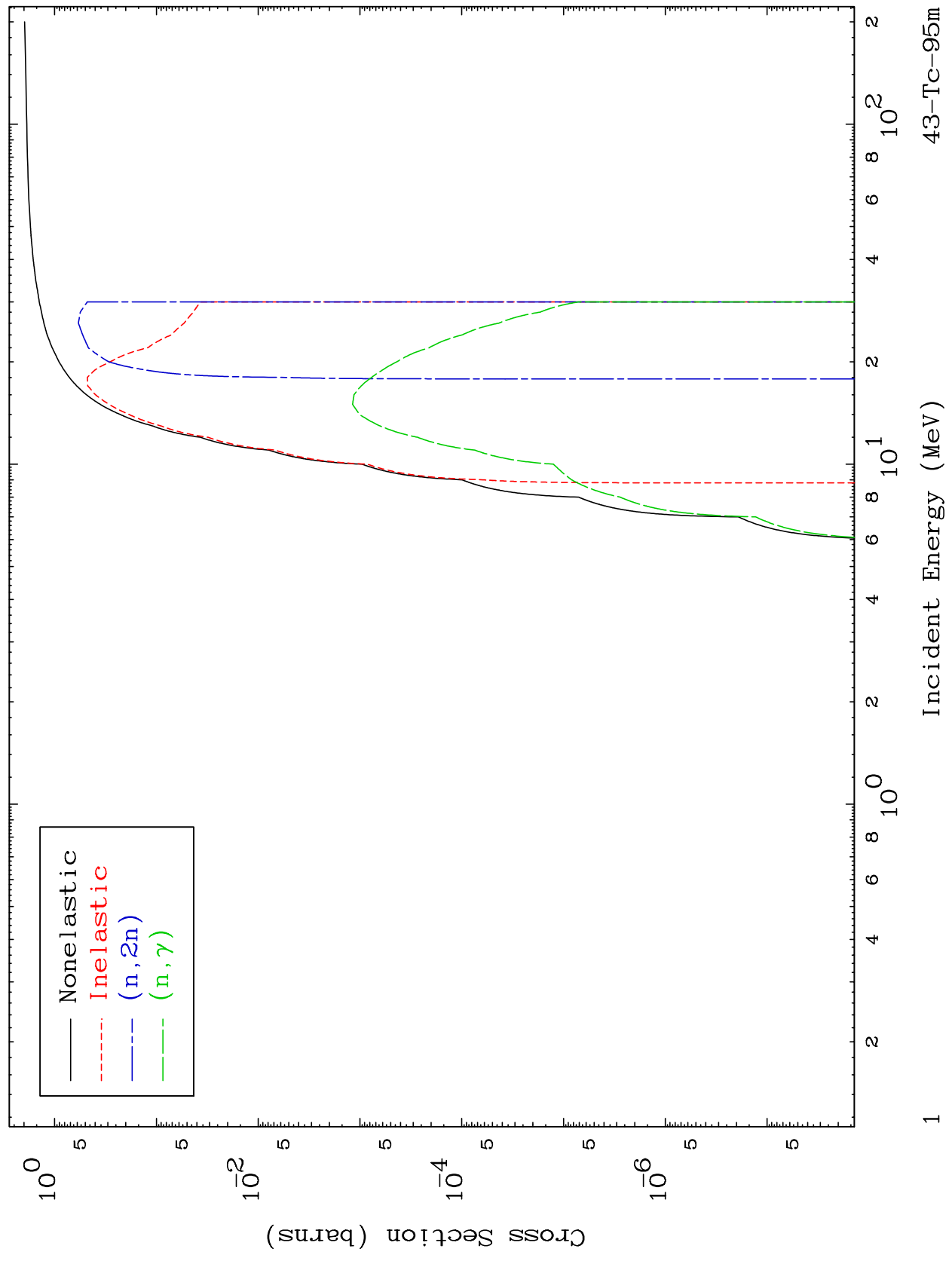
Press Mouse Button to Start

MAT 4314

0 Kelvin

$\alpha$  Major Cross Sections

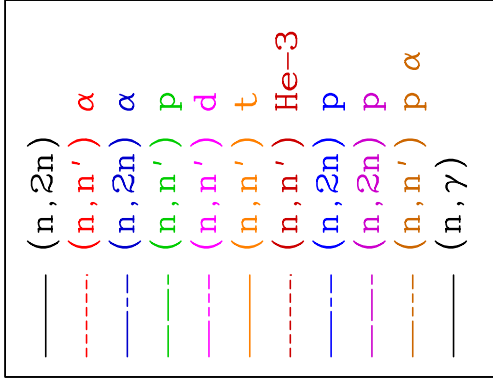
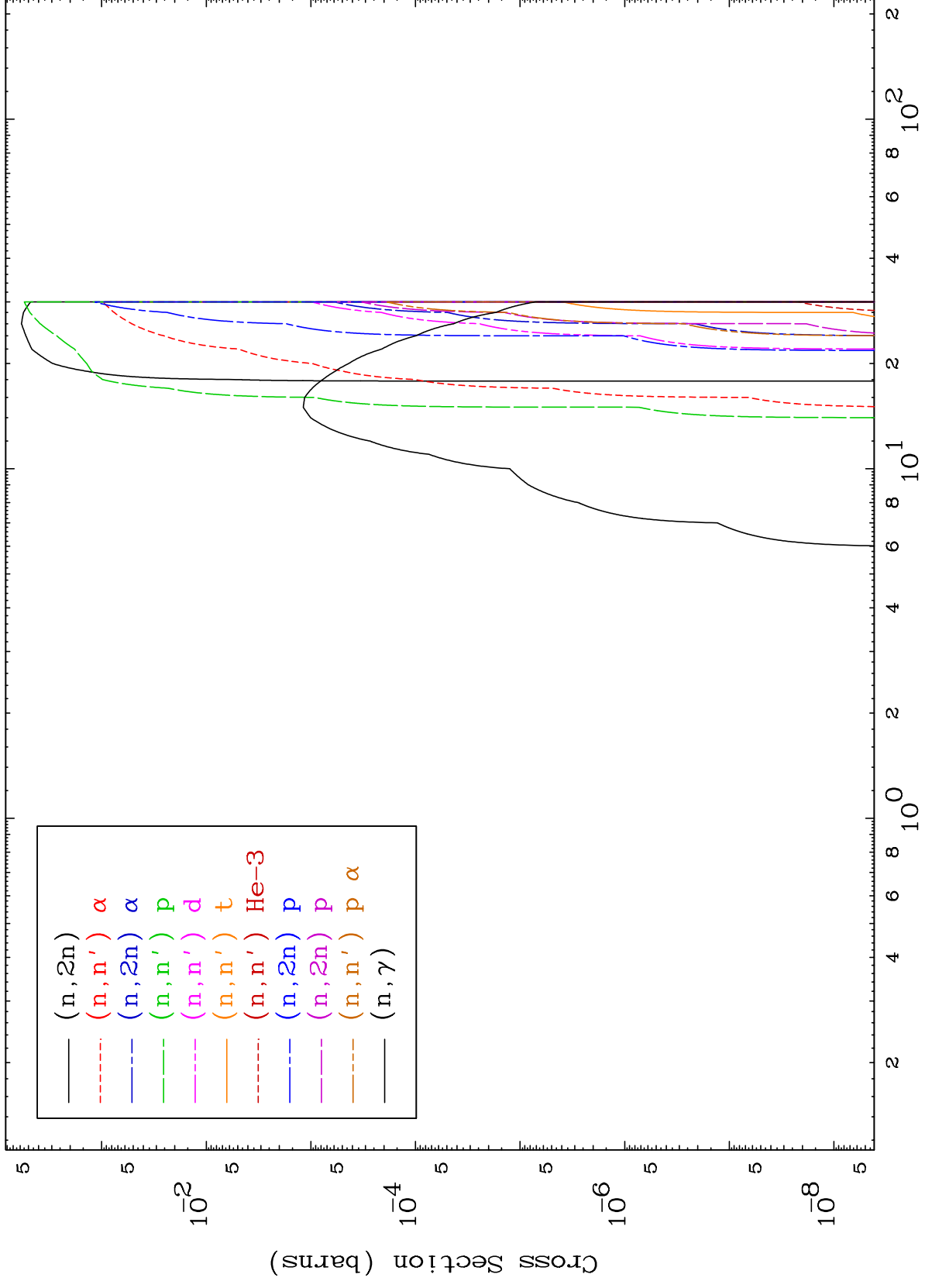
43-Tc-95m



MAT 4314

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

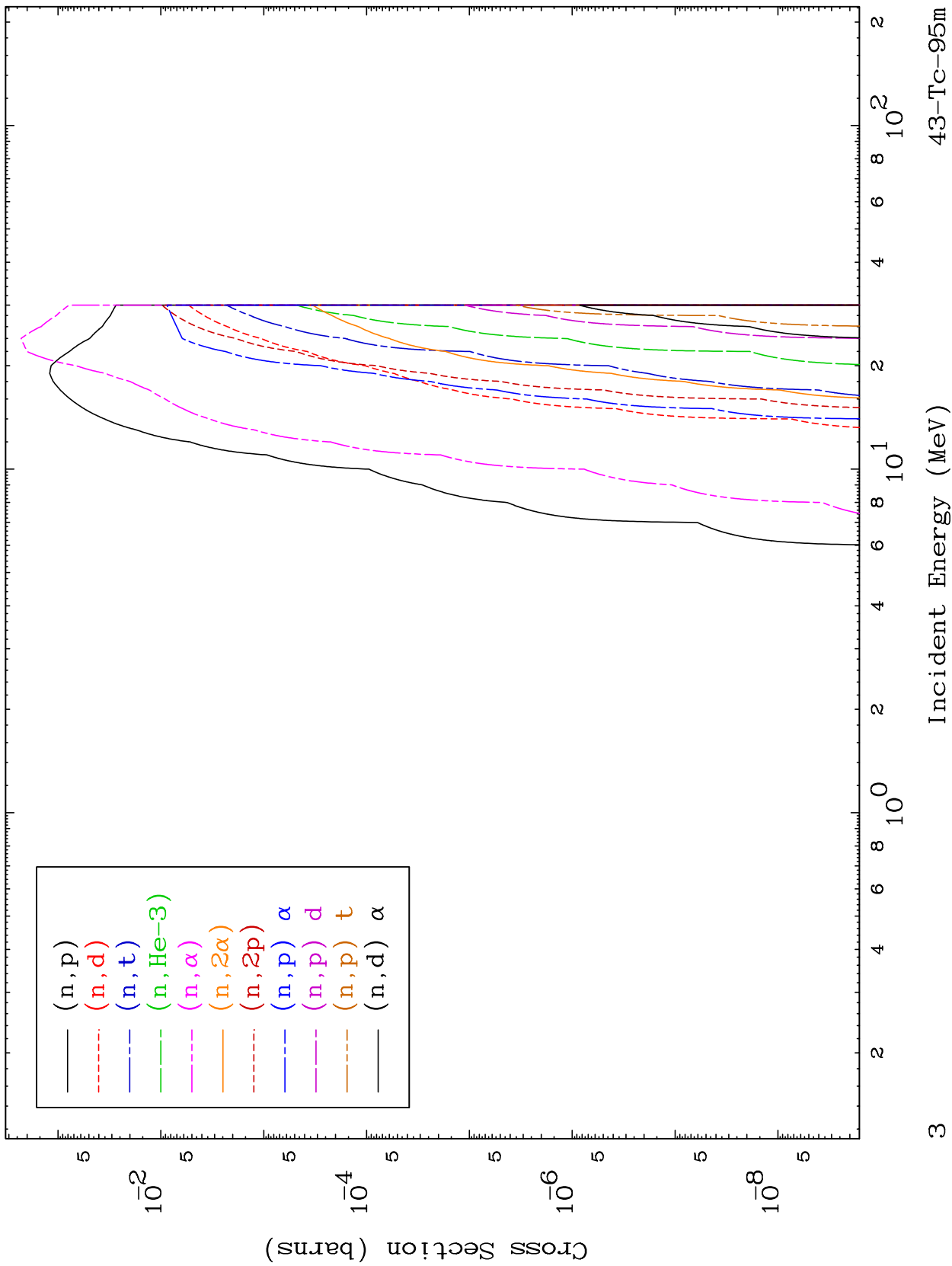
43-Tc-95m



MAT 4314

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

<sup>43</sup>Tc-95m



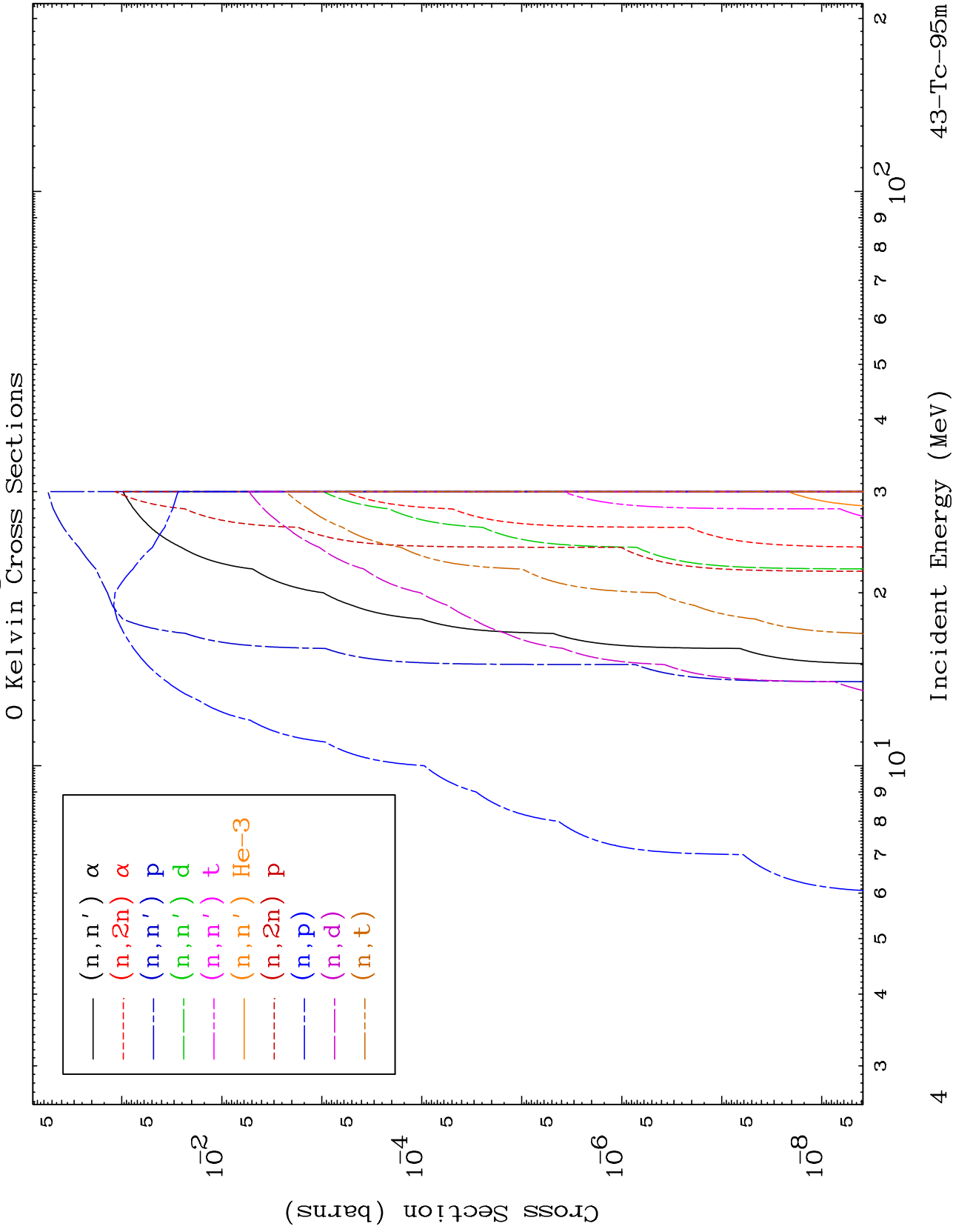
Incident Energy (MeV)

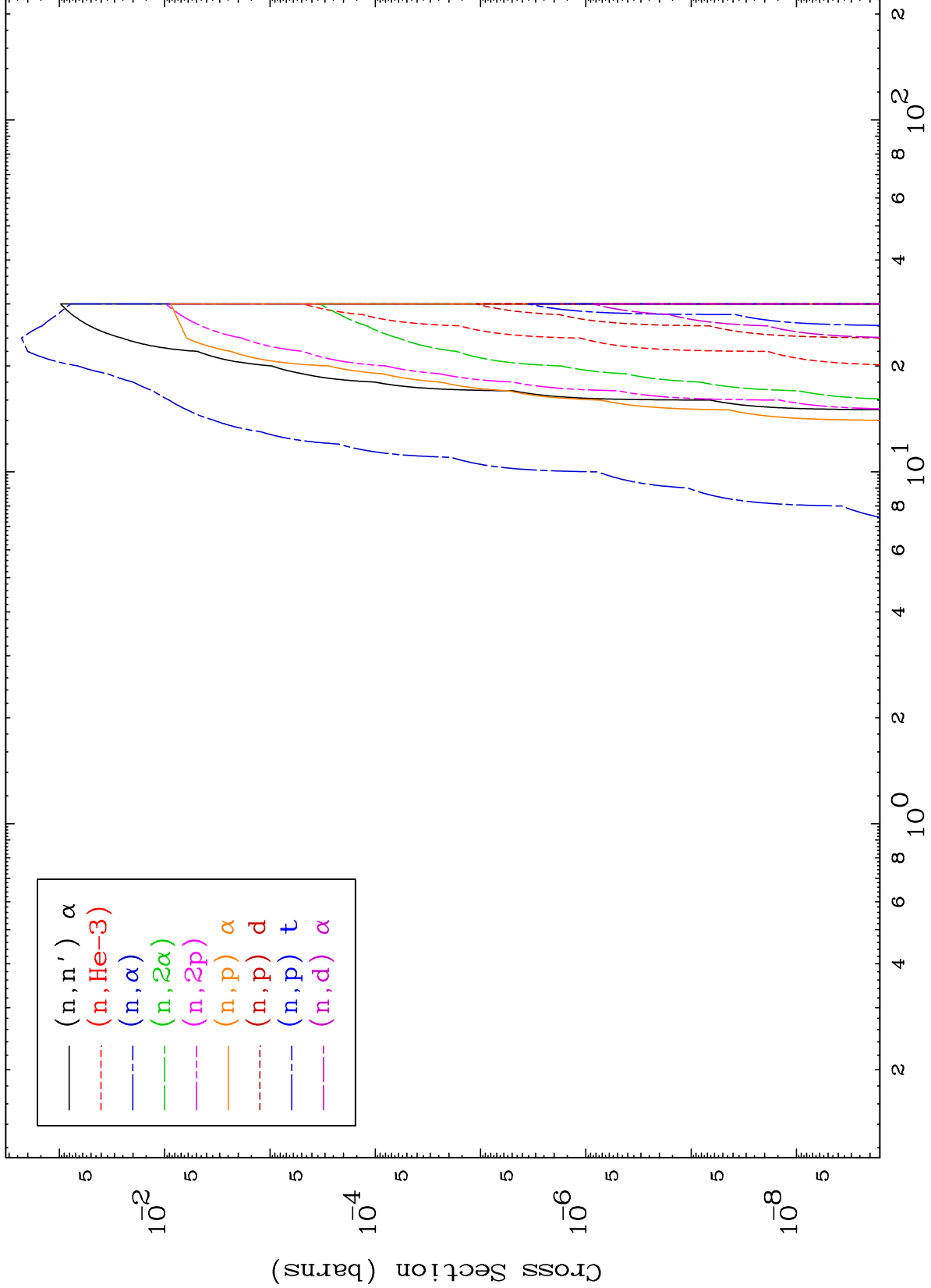
<sup>43</sup>Tc-95m

MAT 4314

$\alpha$  Charged Particle

43-Tc-95m





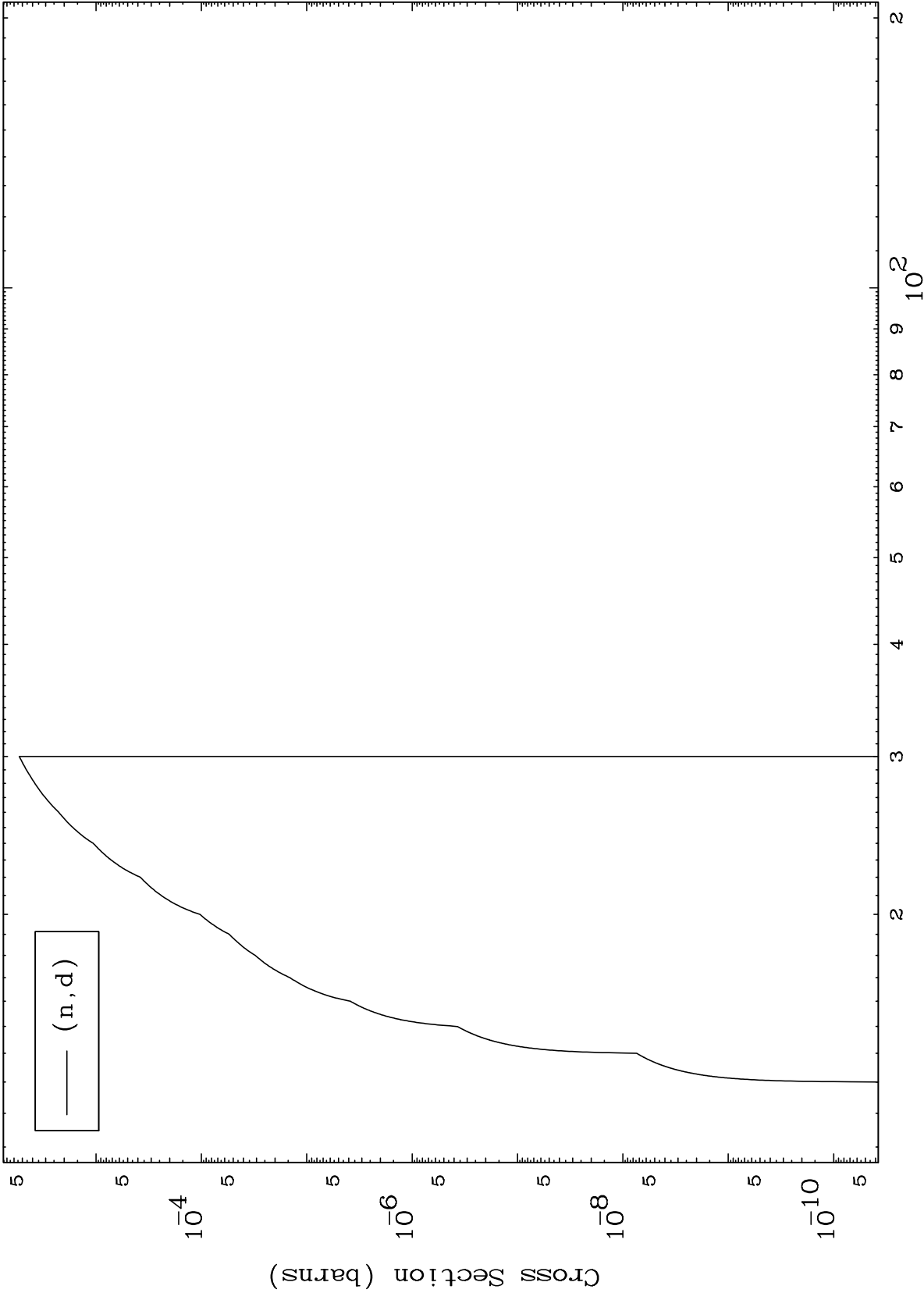


MAT 4314

( $\alpha, d$ ) Levels

43-Tc-95m

0 Kelvin Cross Sections



7

Incident Energy (MeV)

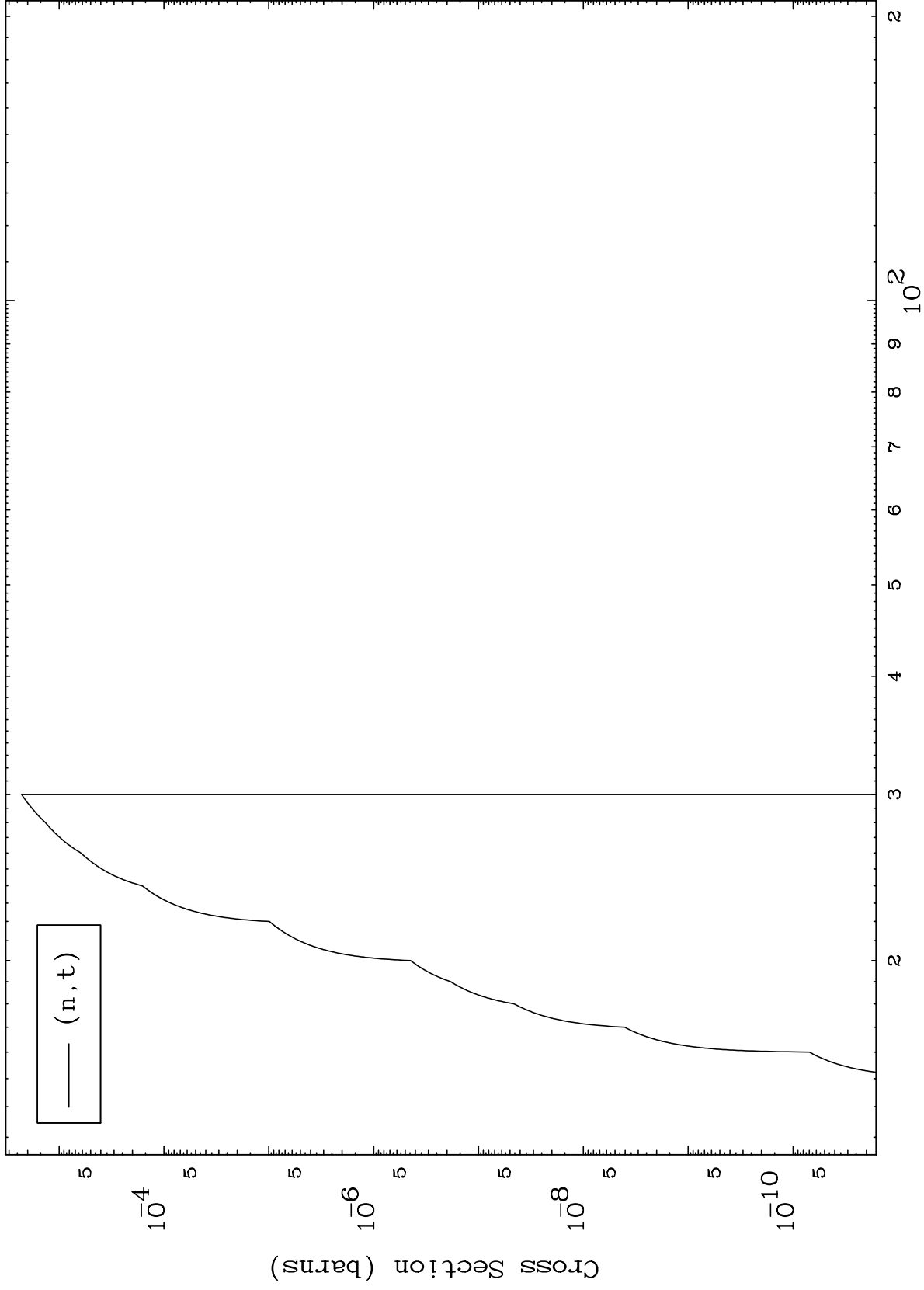
43-Tc-95m



MAT 4314

( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections

43-Tc-95m



8

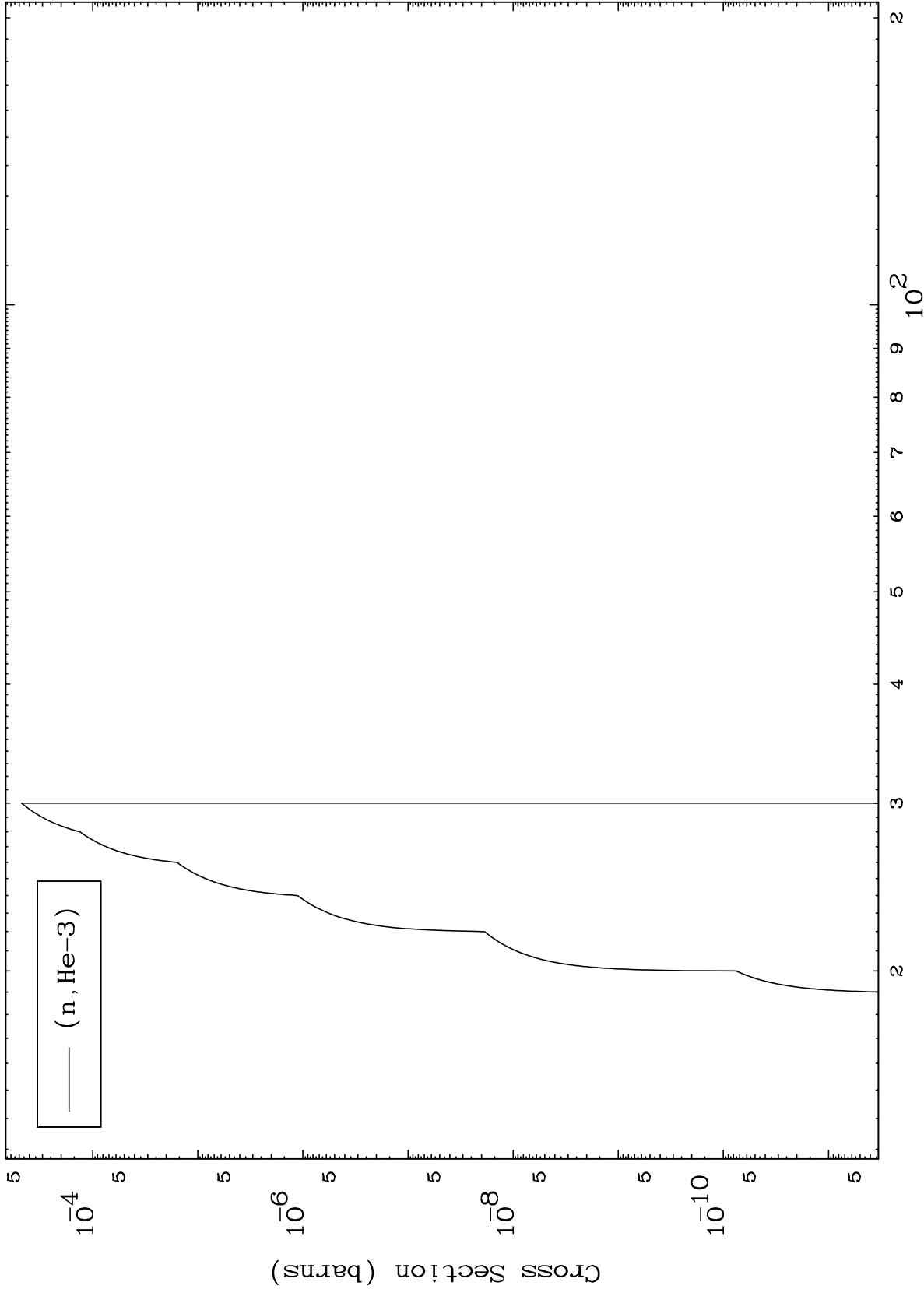
Incident Energy (MeV)

43-Tc-95m

MAT 4314

( $\alpha, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

43-Tc-95m

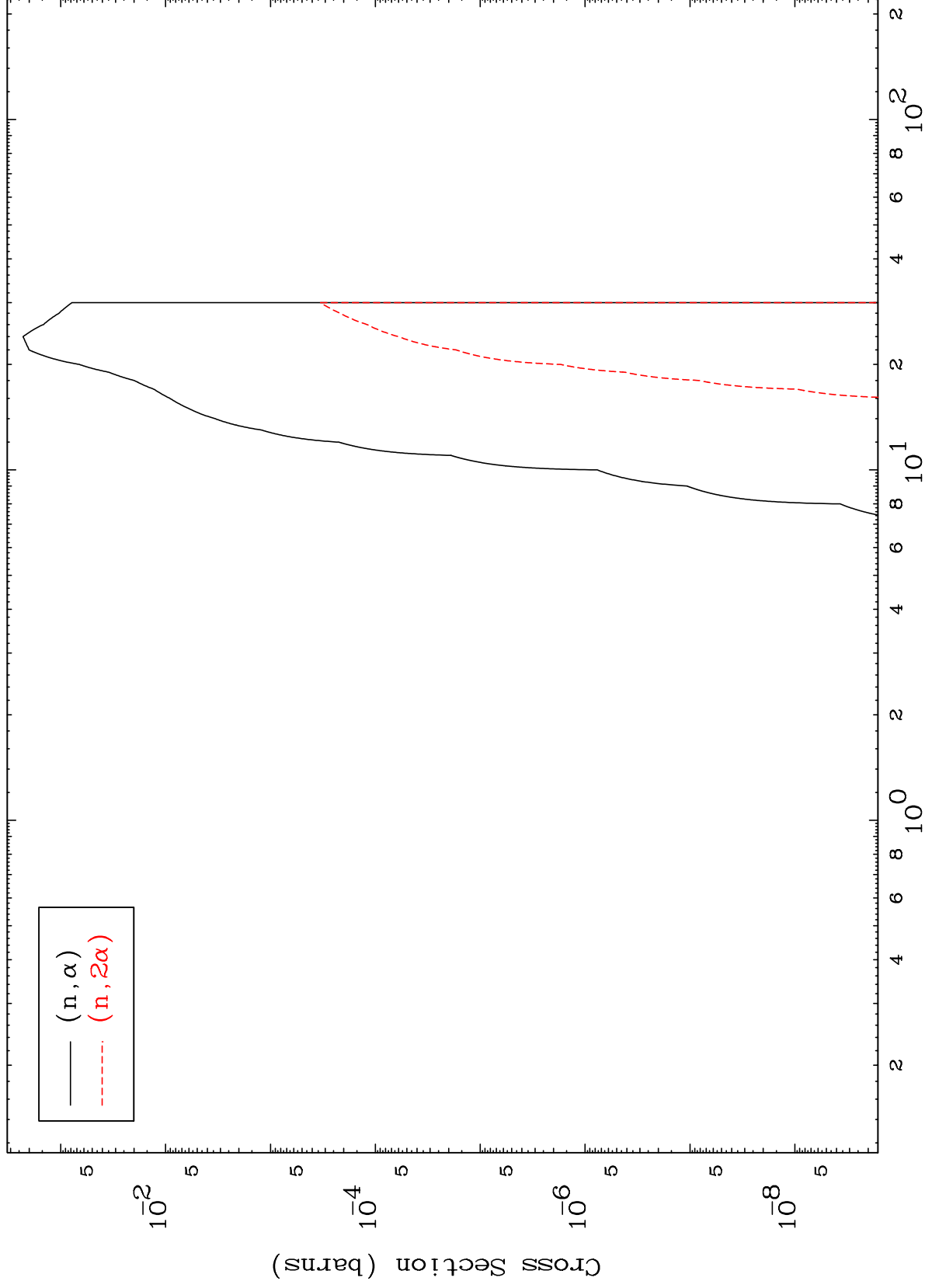


MAT 4314

( $\alpha, \alpha$ ) Levels

43-Tc-95m

0 Kelvin Cross Sections



10

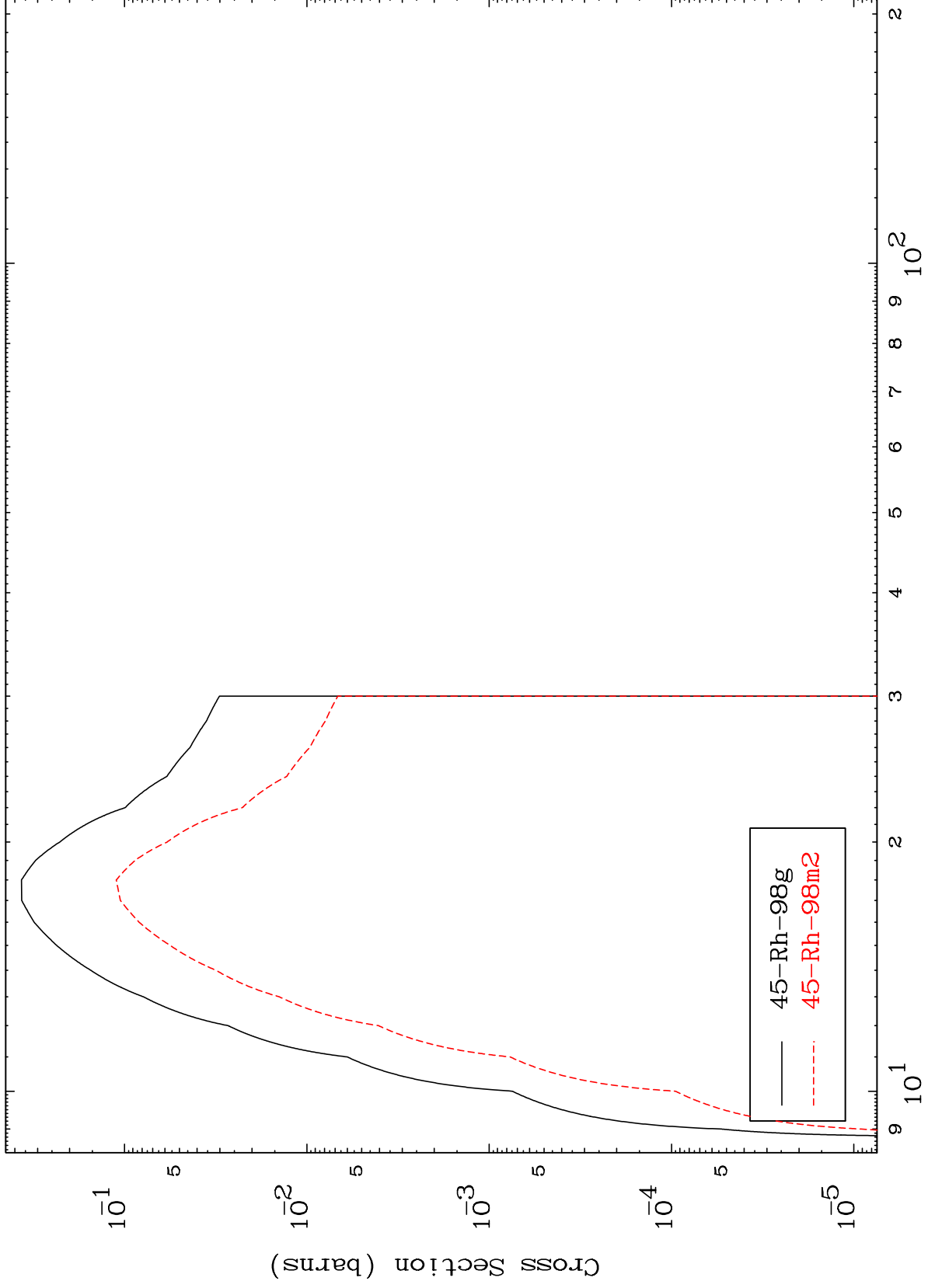
Incident Energy (MeV)

43-Tc-95m

MAT 4314

Inelastic  
Radionuclide Production Cross Section

43-Tc-95m



11

Incident Energy (MeV)

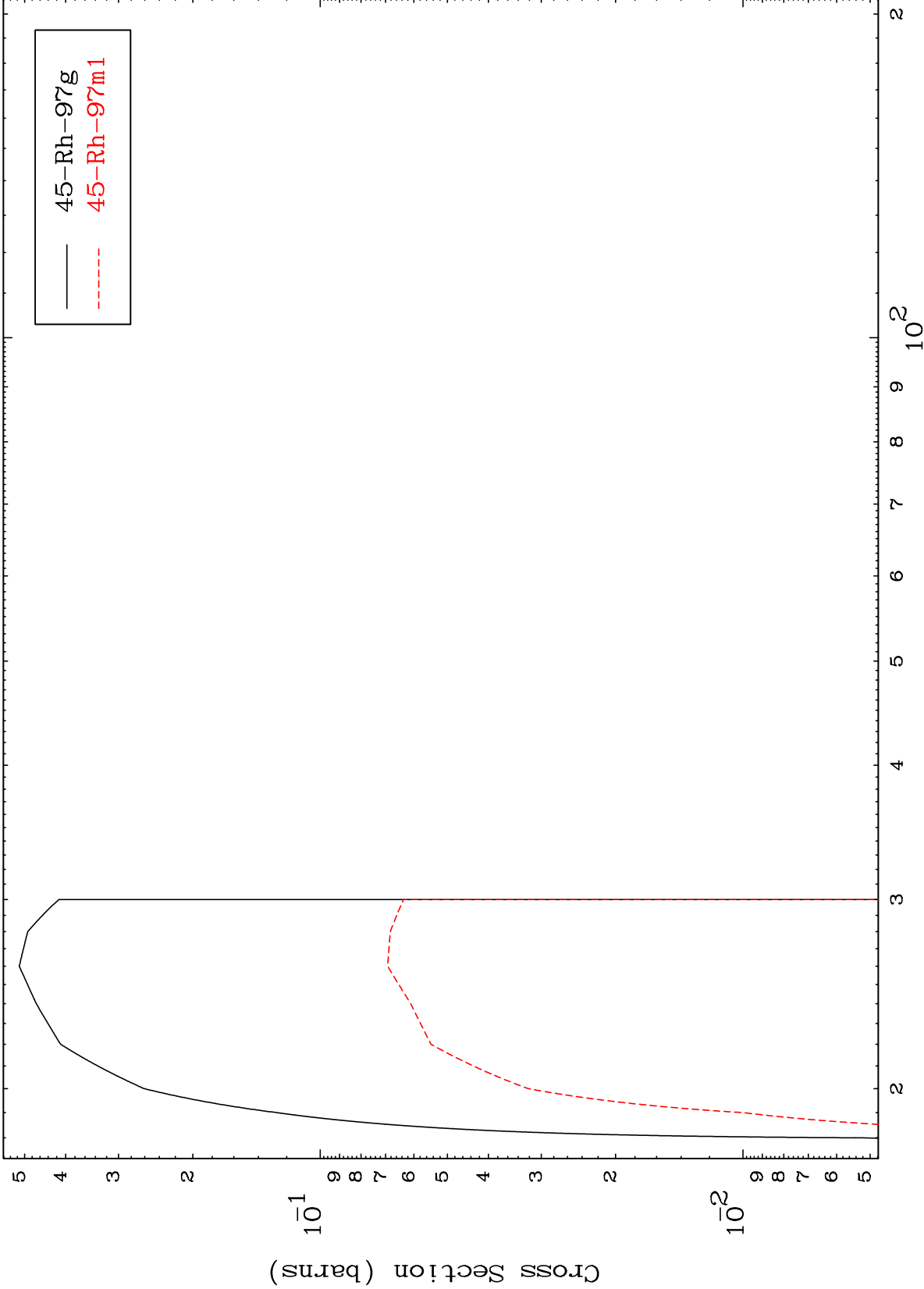
43-Tc-95m

MAT 4314

(n,2n)

43-Tc-95m

Radionuclide Production Cross Section



45-Rh-97g  
45-Rh-97m1

12

Incident Energy (MeV)

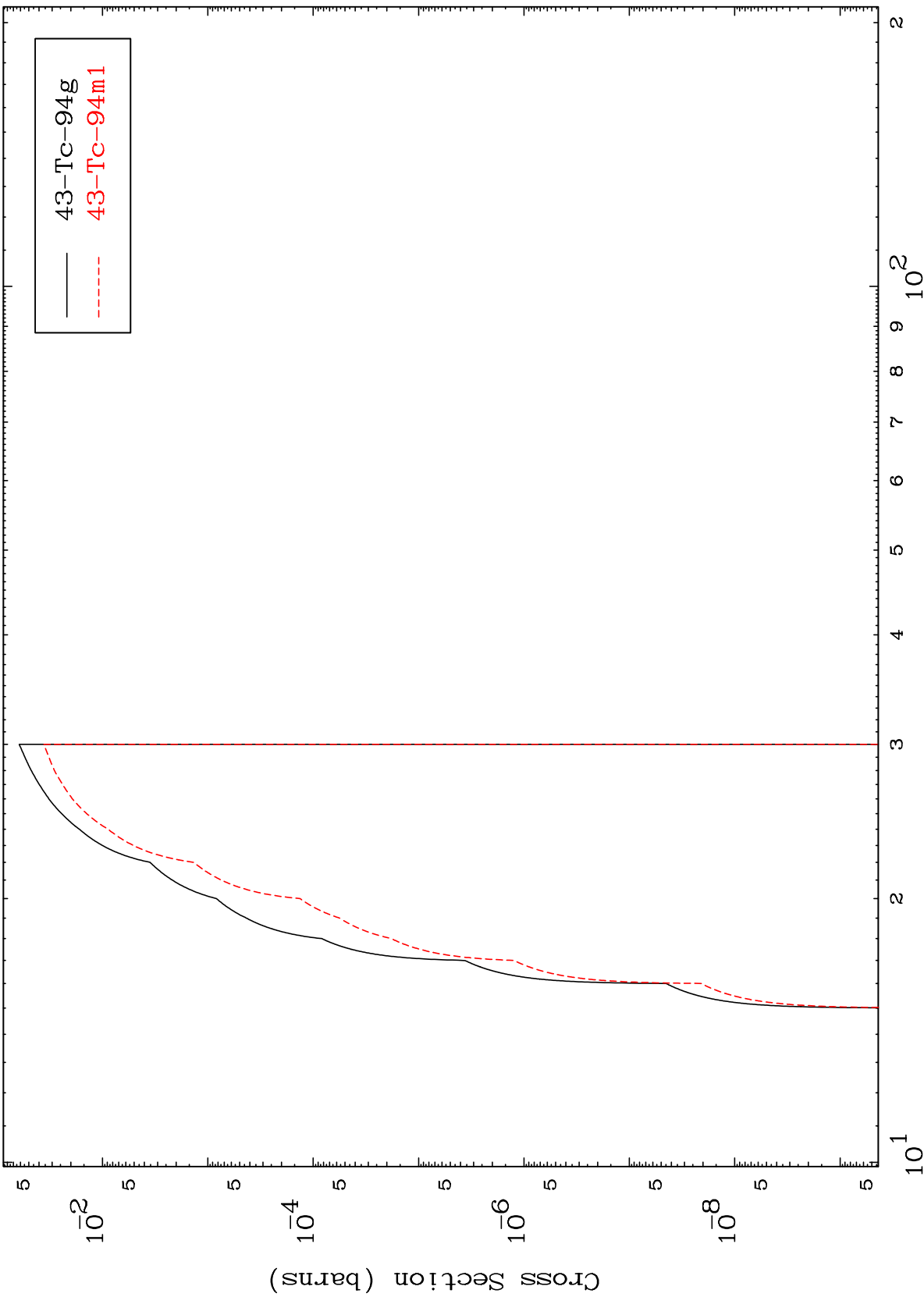
43-Tc-95m

MAT 4314

(n,n')  $\alpha$

43-Tc-95m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

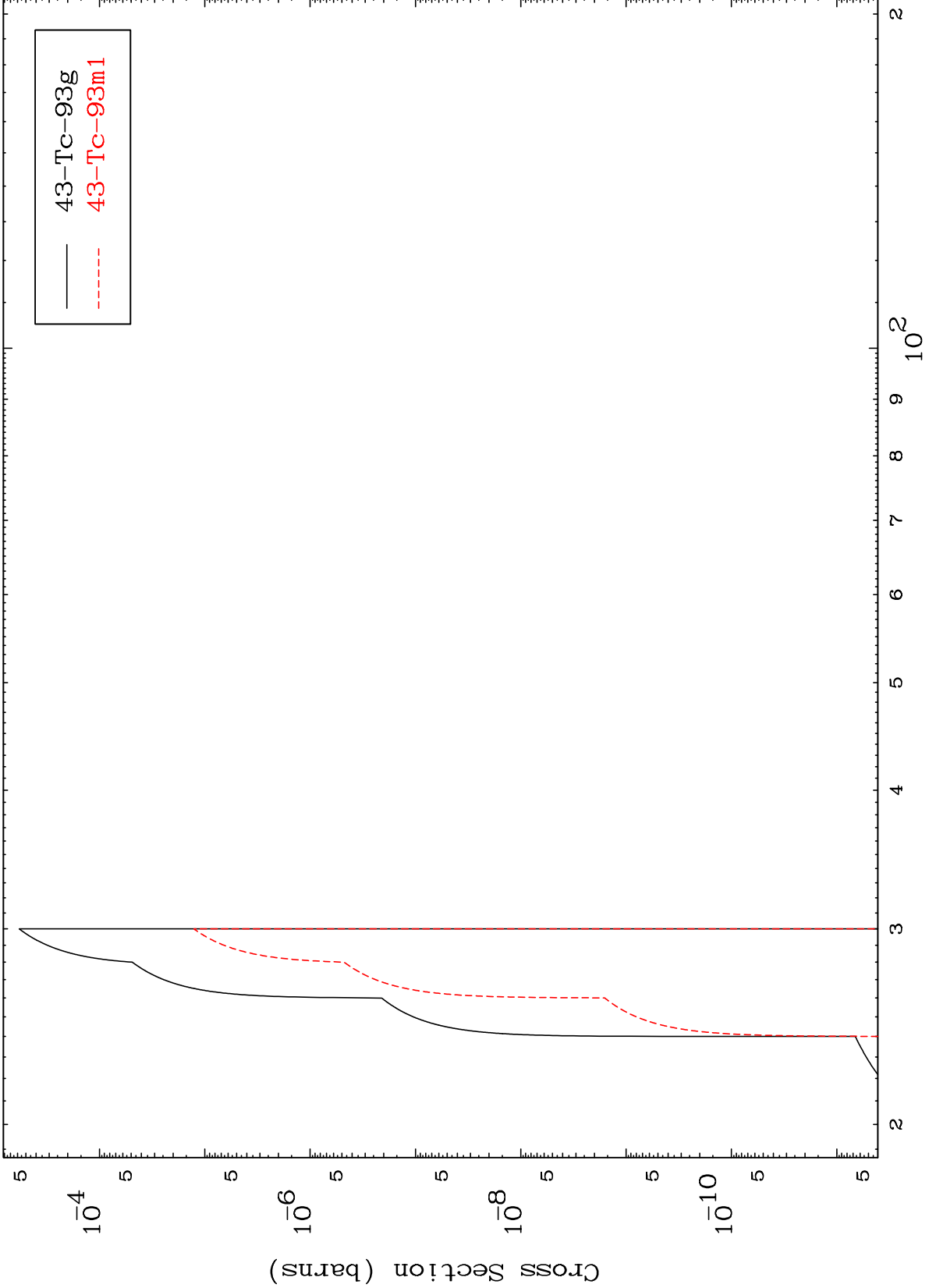
43-Tc-95m

MAT 4314

(n,2n)  $\alpha$

43-Tc-95m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

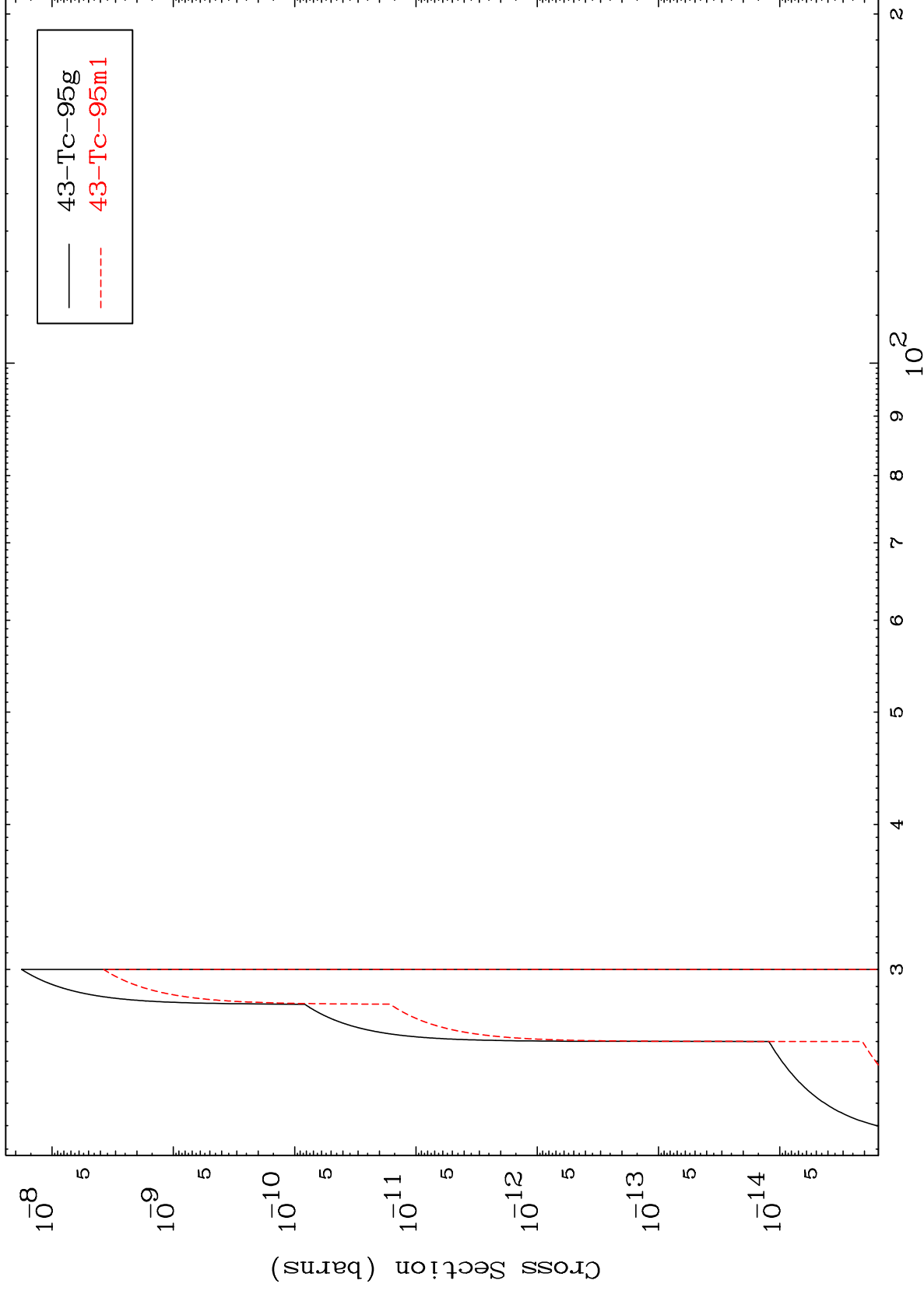
43-Tc-95m

MAT 4314

(n,n') He-3

43-Tc-95m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

43-Tc-95m

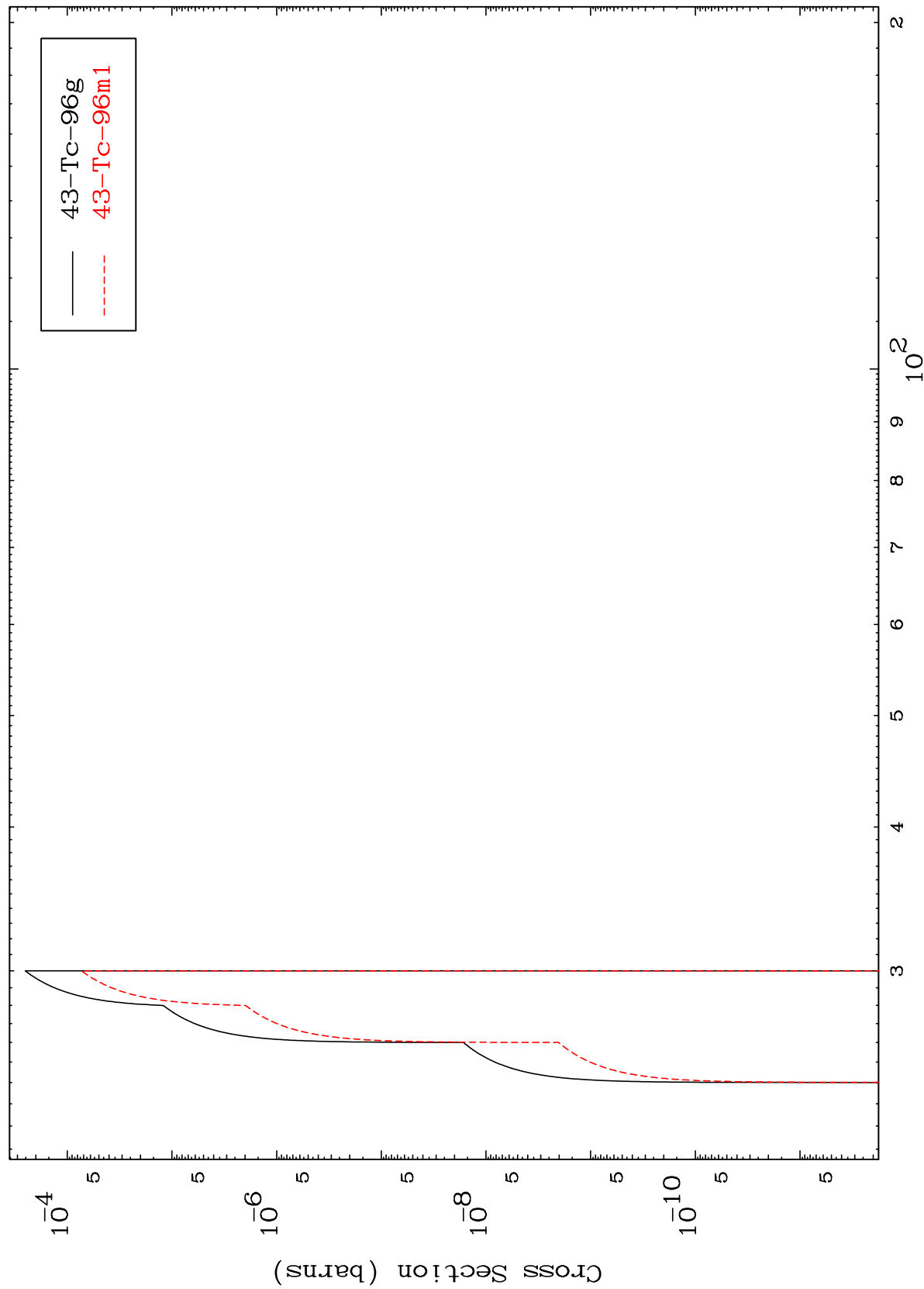


MAT 4314

(n,2n) p

43-Tc-95m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

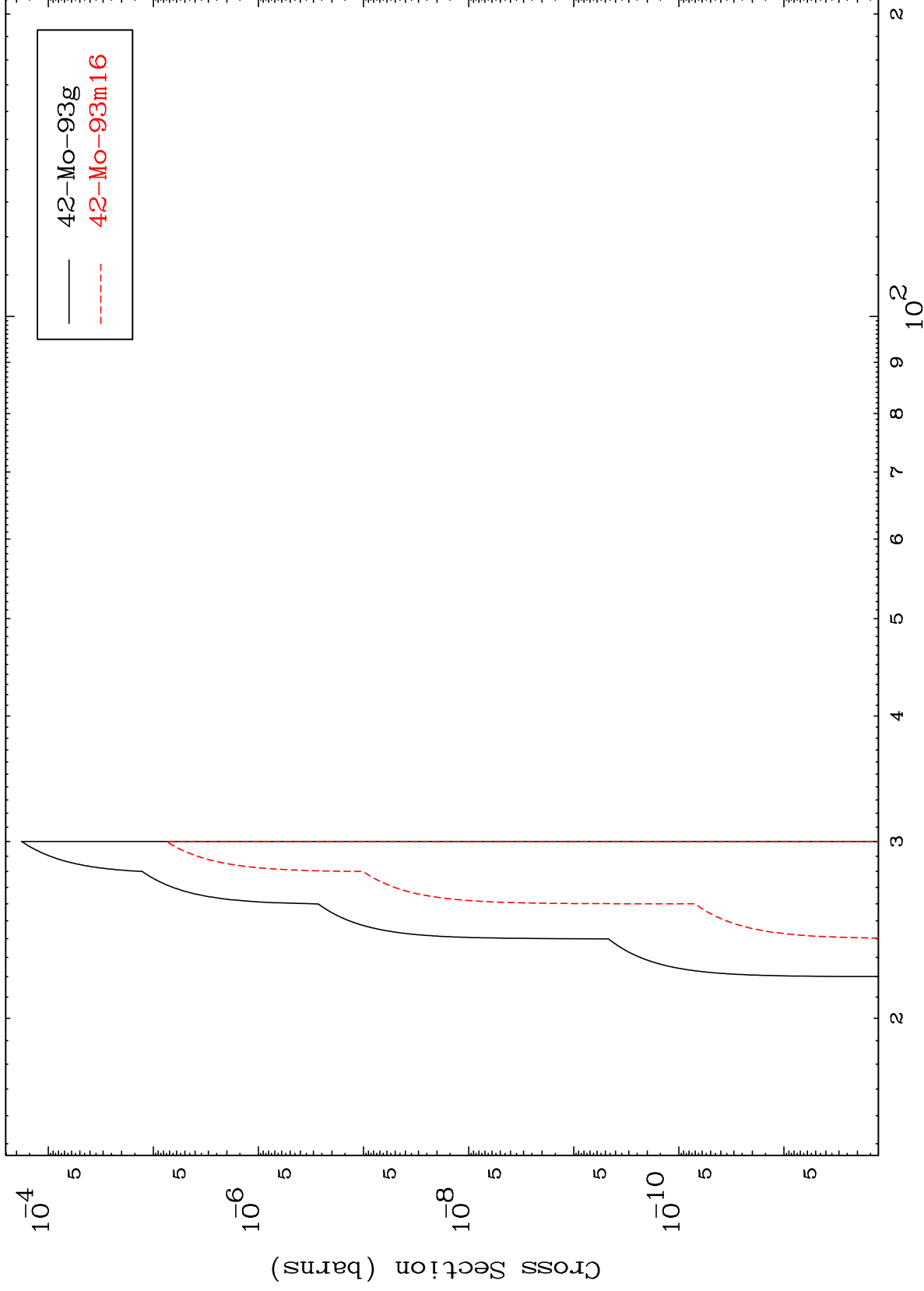
43-Tc-95m

MAT 4314

(n,n') p  $\alpha$

43-Tc-95m

Radionuclide Production Cross Section



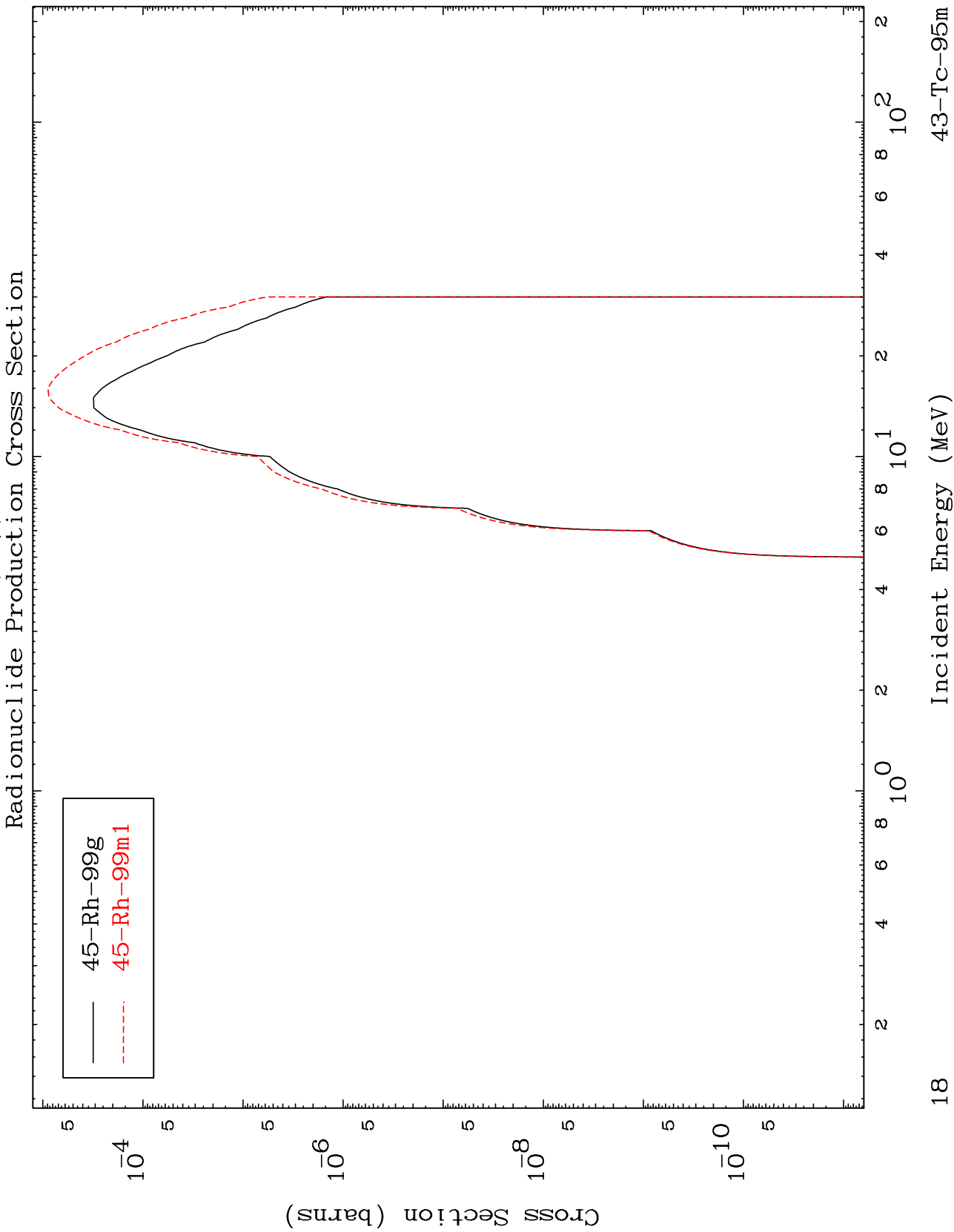
17

Incident Energy (MeV)

43-Tc-95m

MAT 4314

$^{43}\text{Tc-95m}$



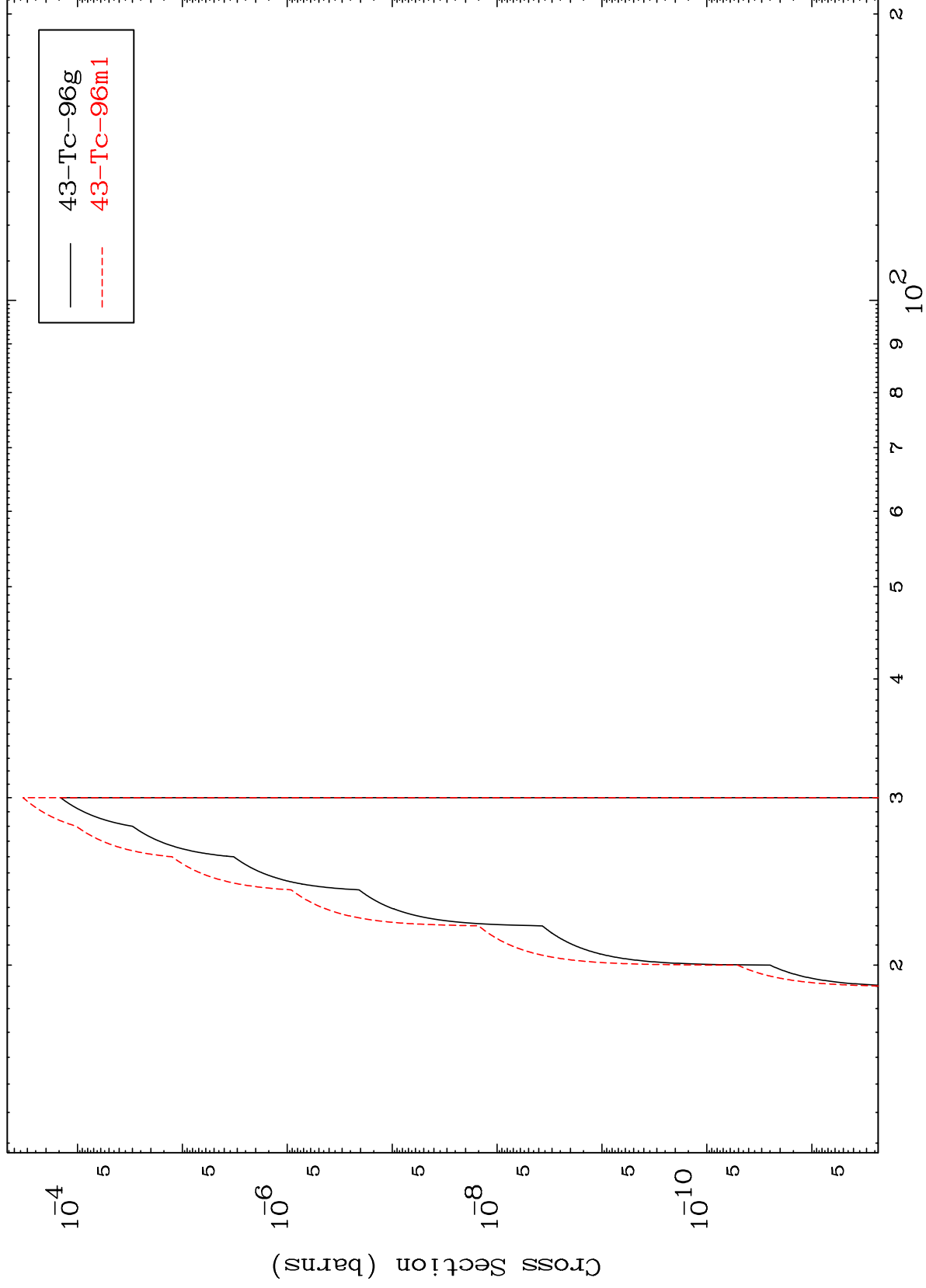
— 45-Rh-99g  
- - - 45-Rh-99m1

MAT 4314

(n,He-3)

43-Tc-95m

Radionuclide Production Cross Section



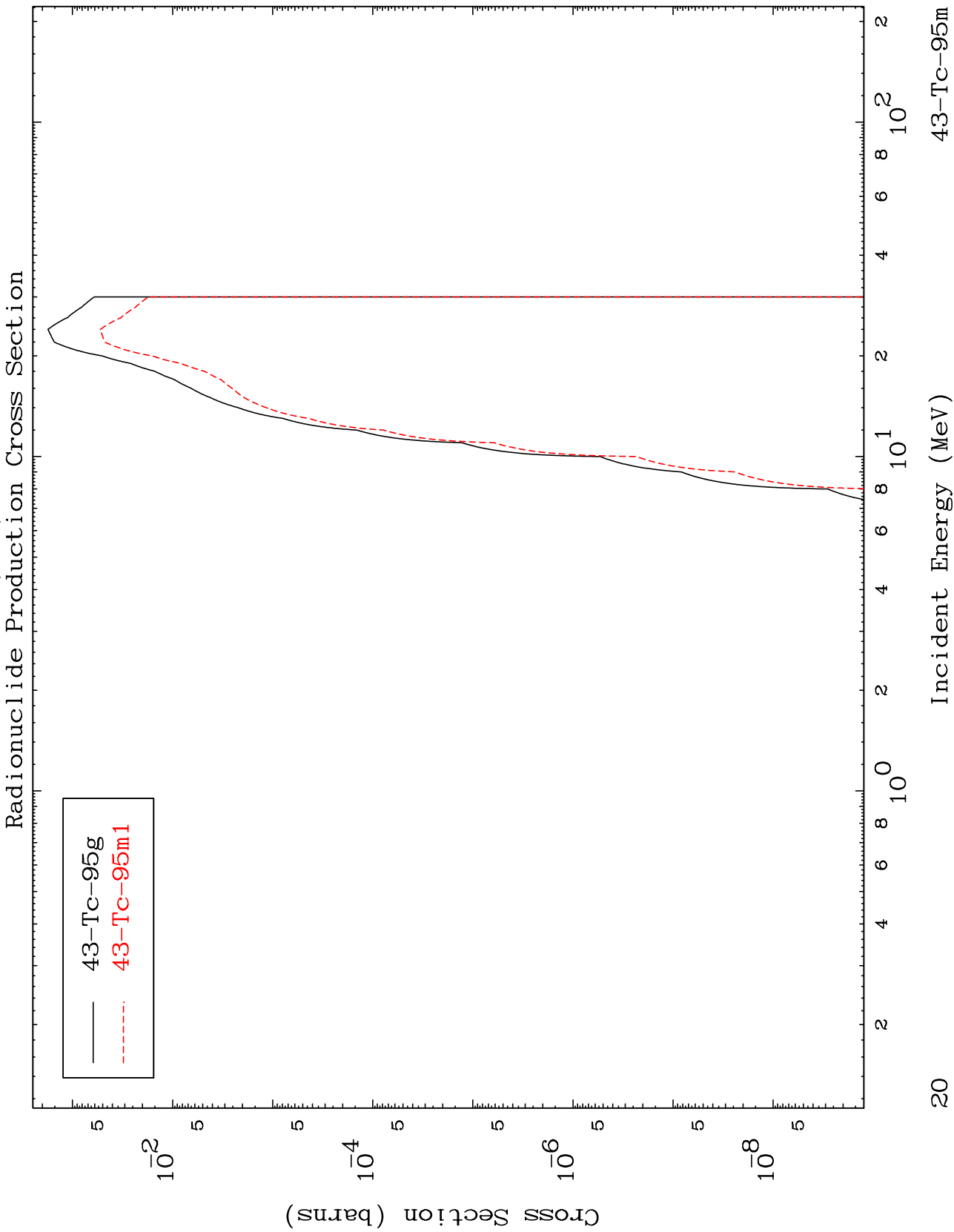
19

Incident Energy (MeV)

43-Tc-95m

MAT 4314

<sup>43</sup>Tc-95m

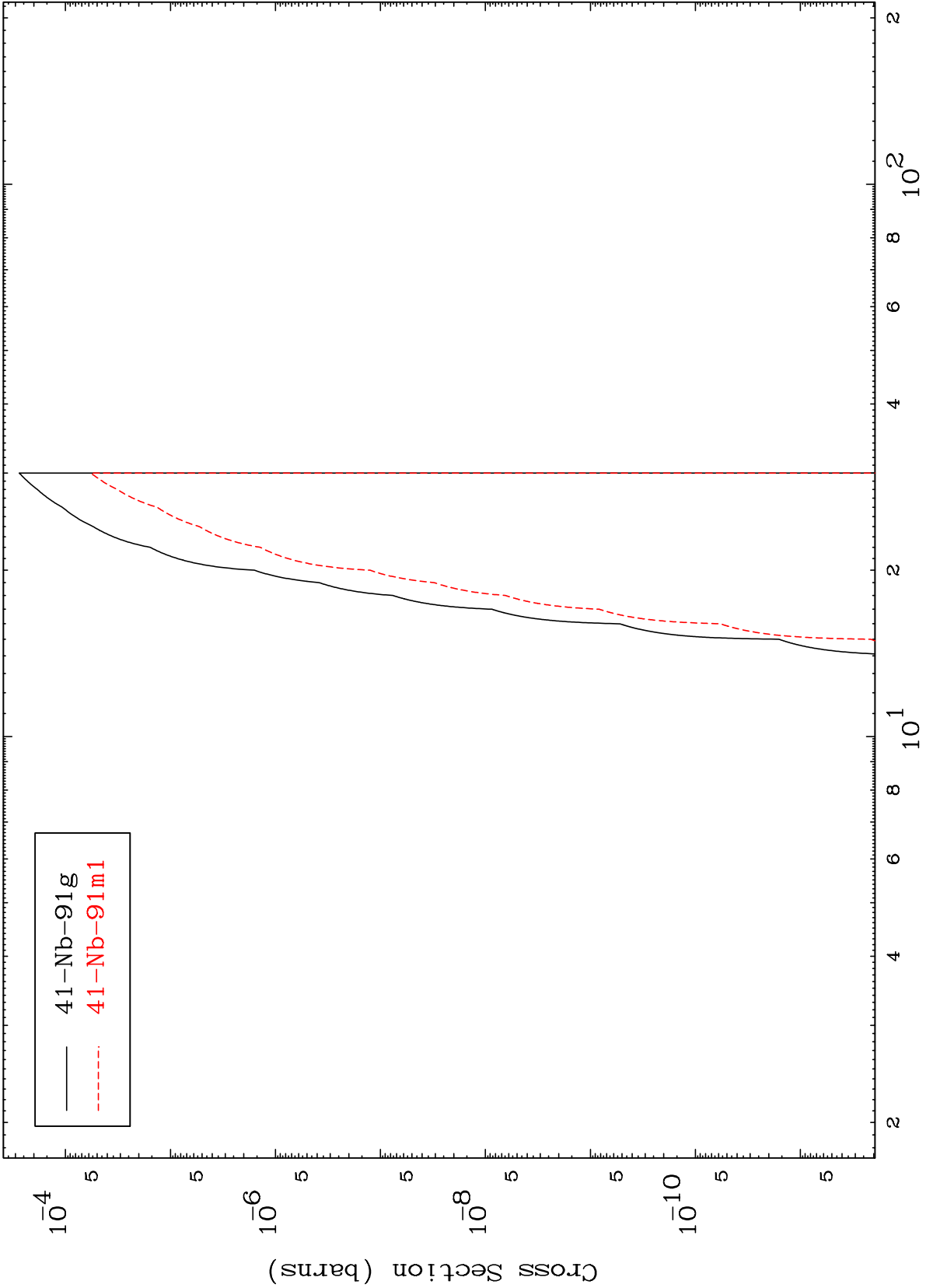


MAT 4314

(n,2α)

43-Tc-95m

Radionuclide Production Cross Section



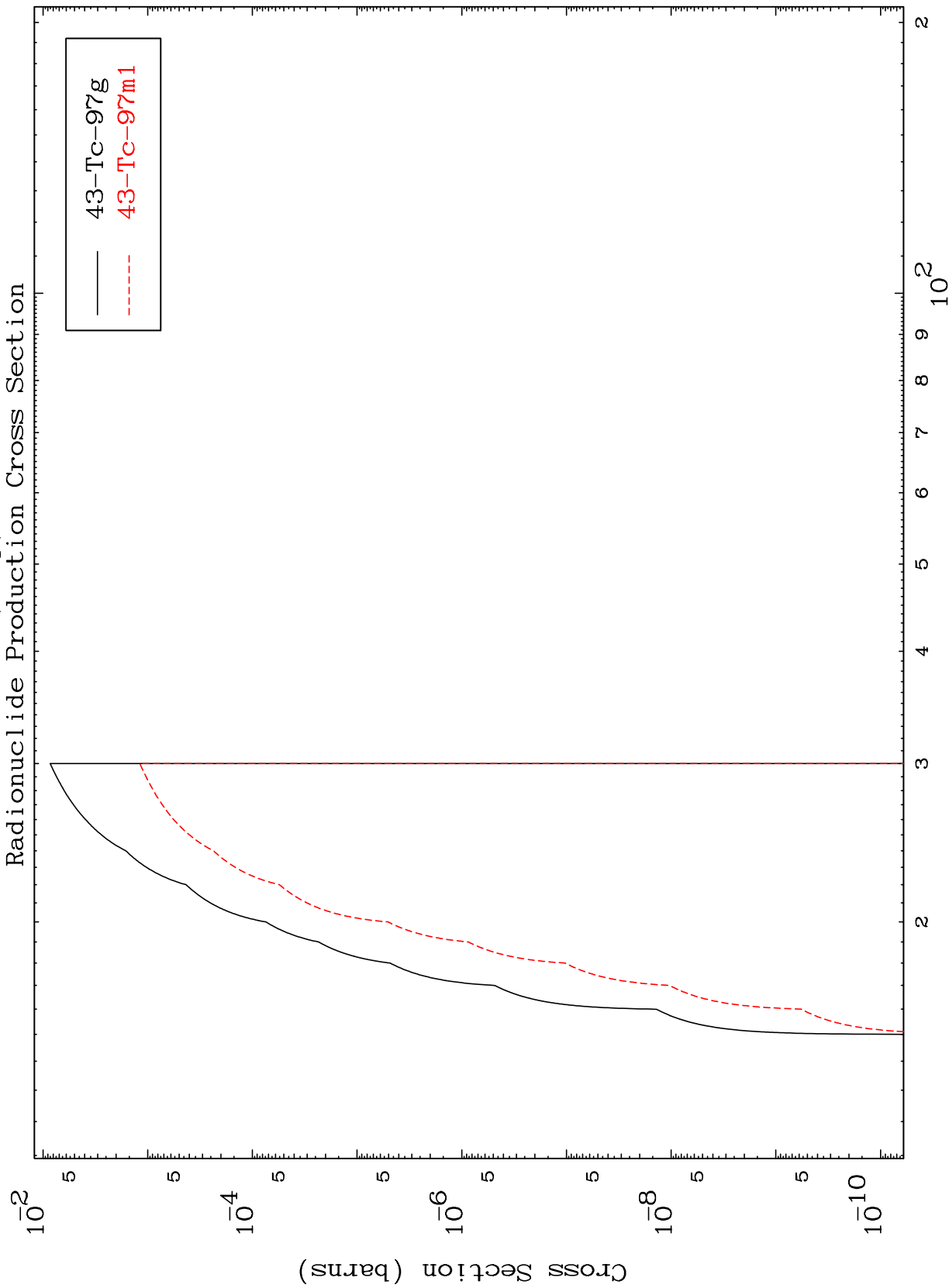
— 41-Nb-91g  
- - - 41-Nb-91m1

MAT 4314

43-Tc-95m

(n,2p)

Radionuclide Production Cross Section



22

Incident Energy (MeV)

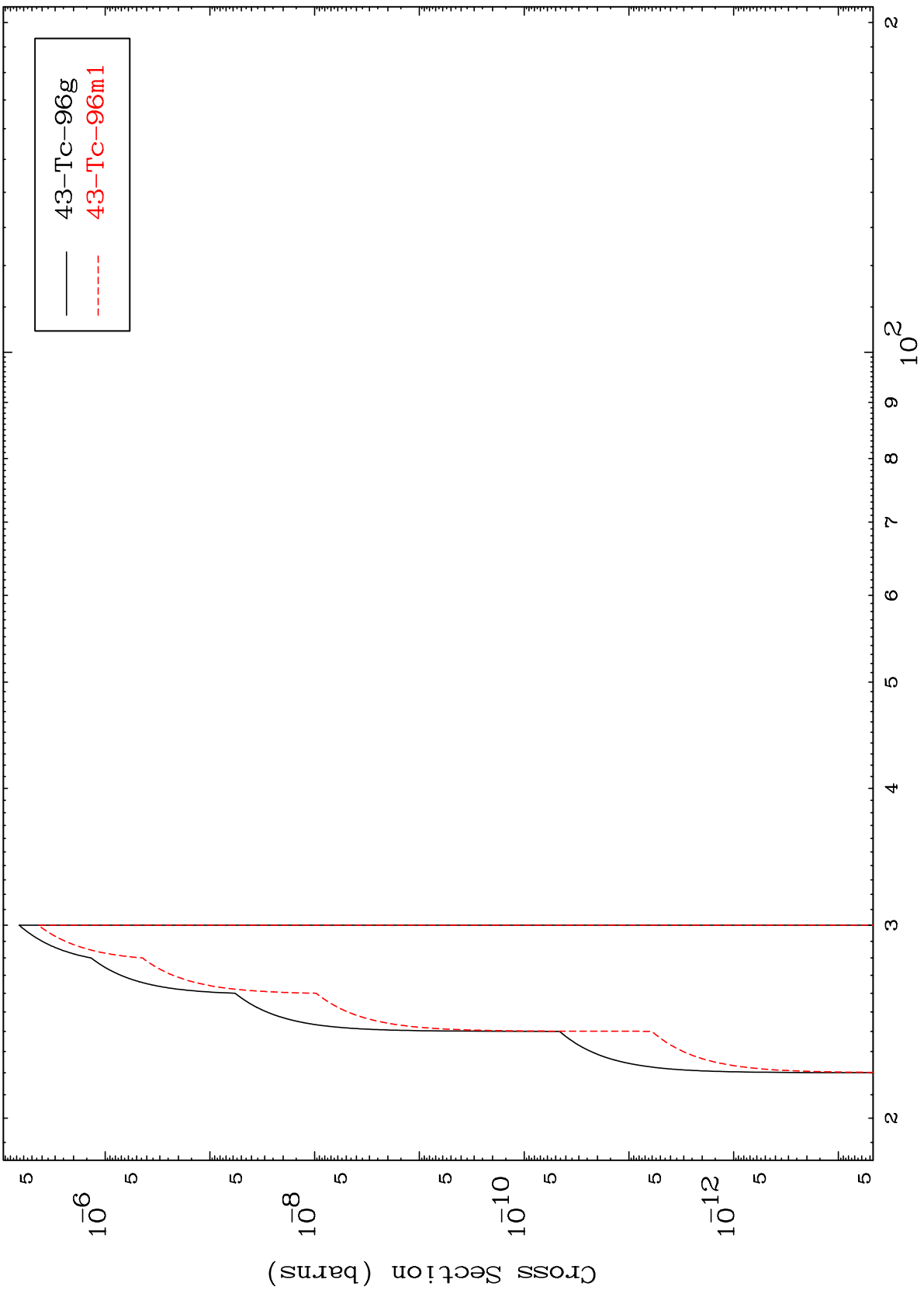
43-Tc-95m

MAT 4314

(n,p) d

43-Tc-95m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

43-Tc-95m

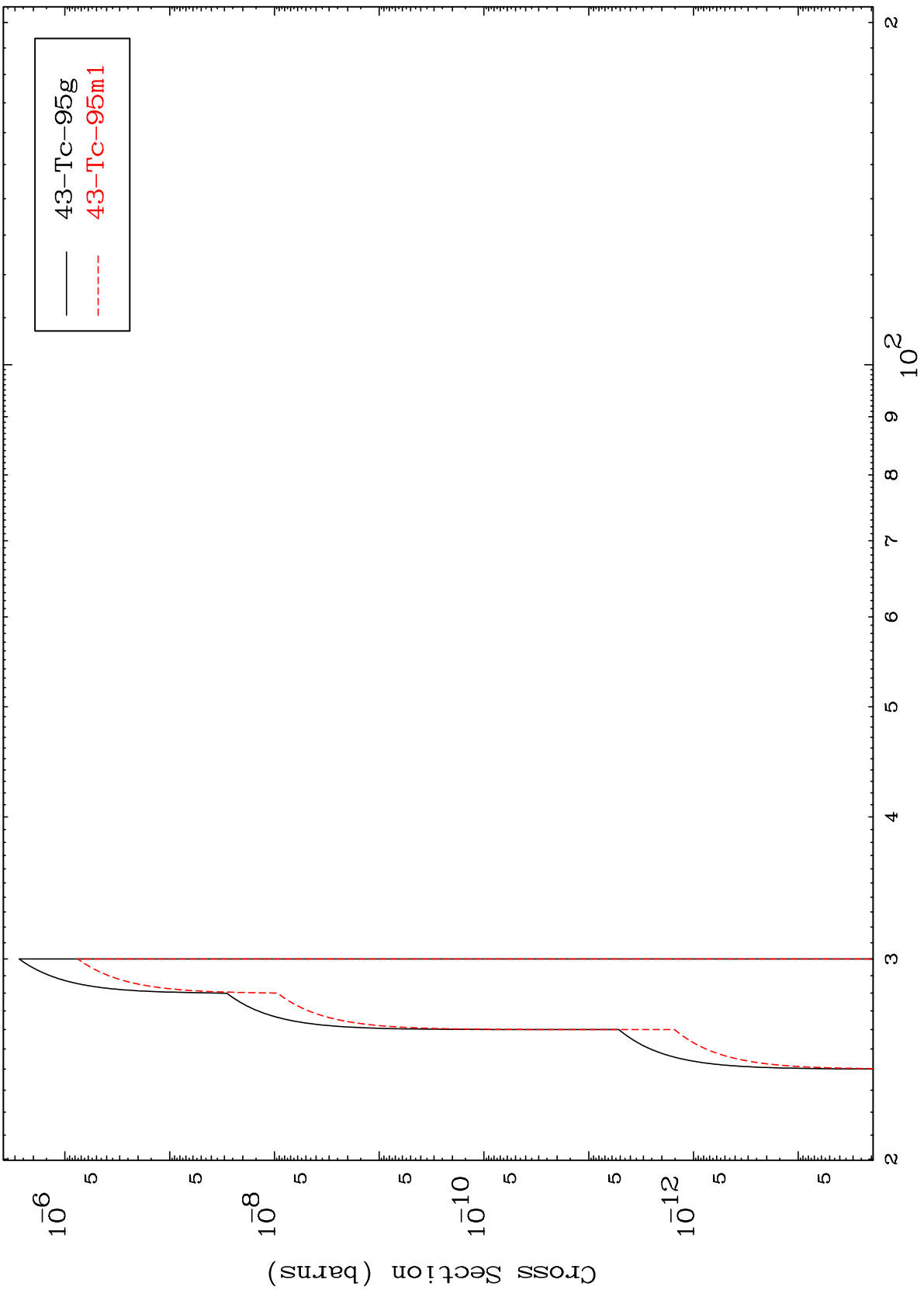


MAT 4314

(n,p) t

43-Tc-95m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

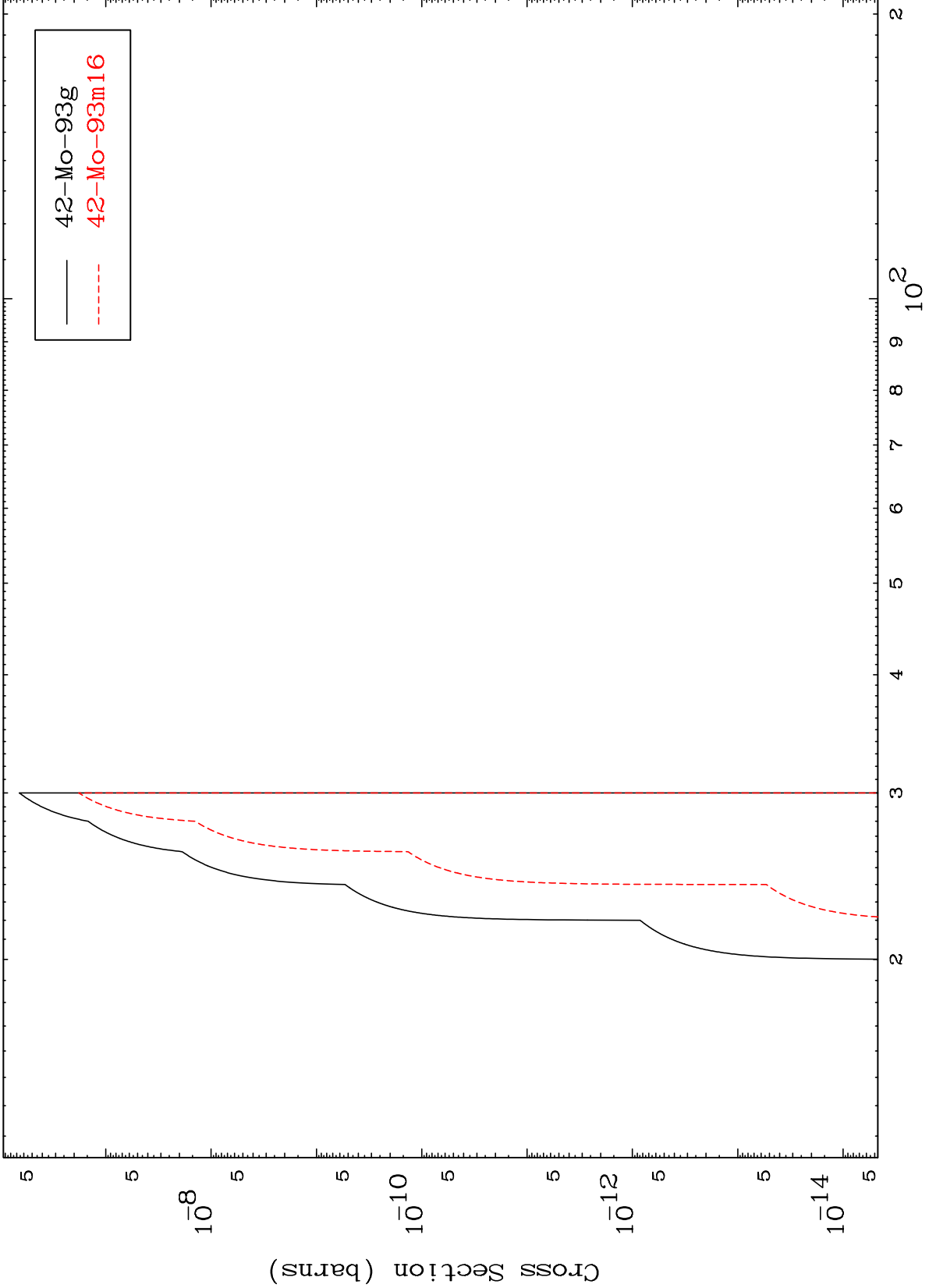
43-Tc-95m

MAT 4314

(n,d)  $\alpha$

43-Tc-95m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

43-Tc-95m