

Program EVALPLOT
(Version 2021-1)

by

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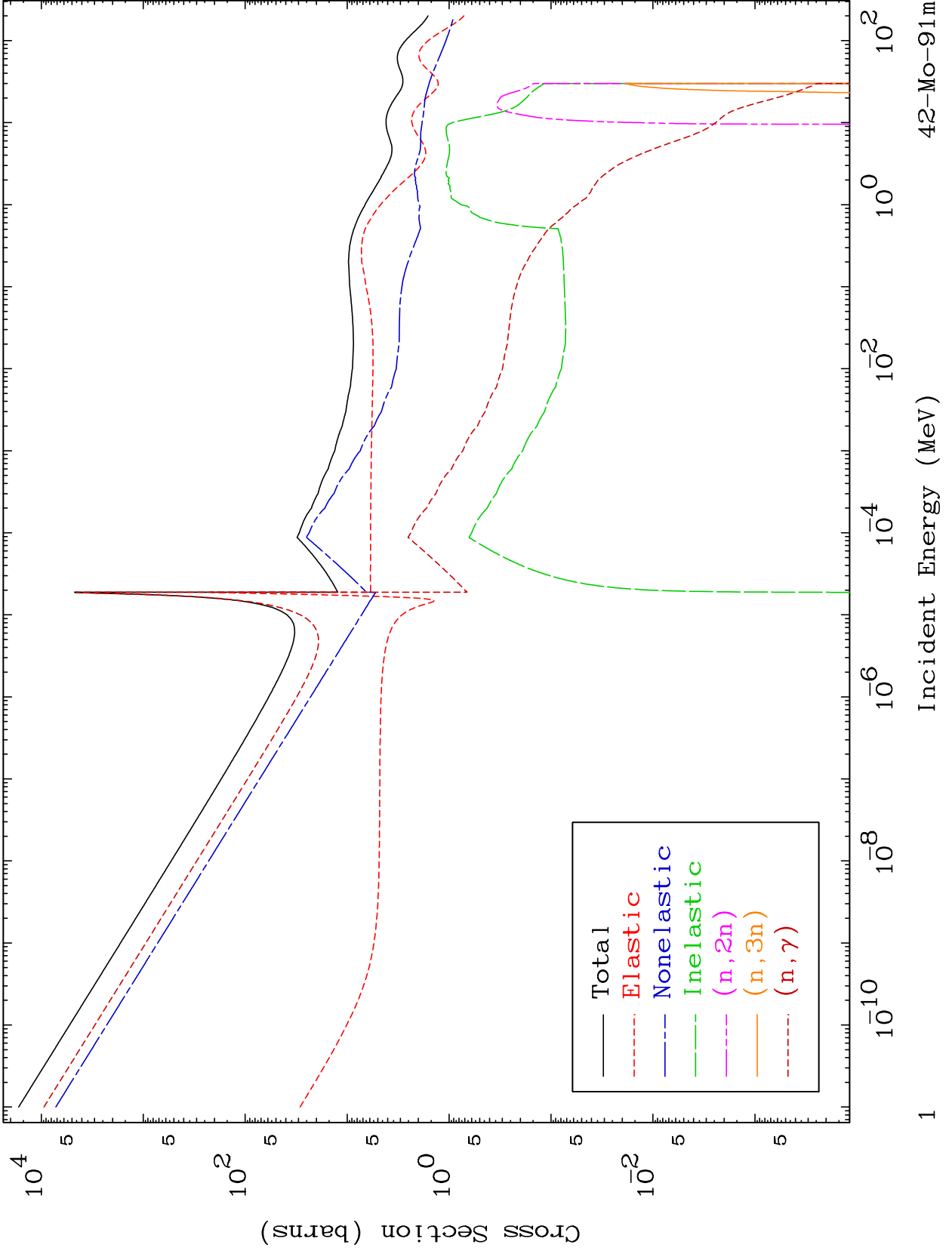
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4223

Neutron Major
293 Kelvin Cross Sections

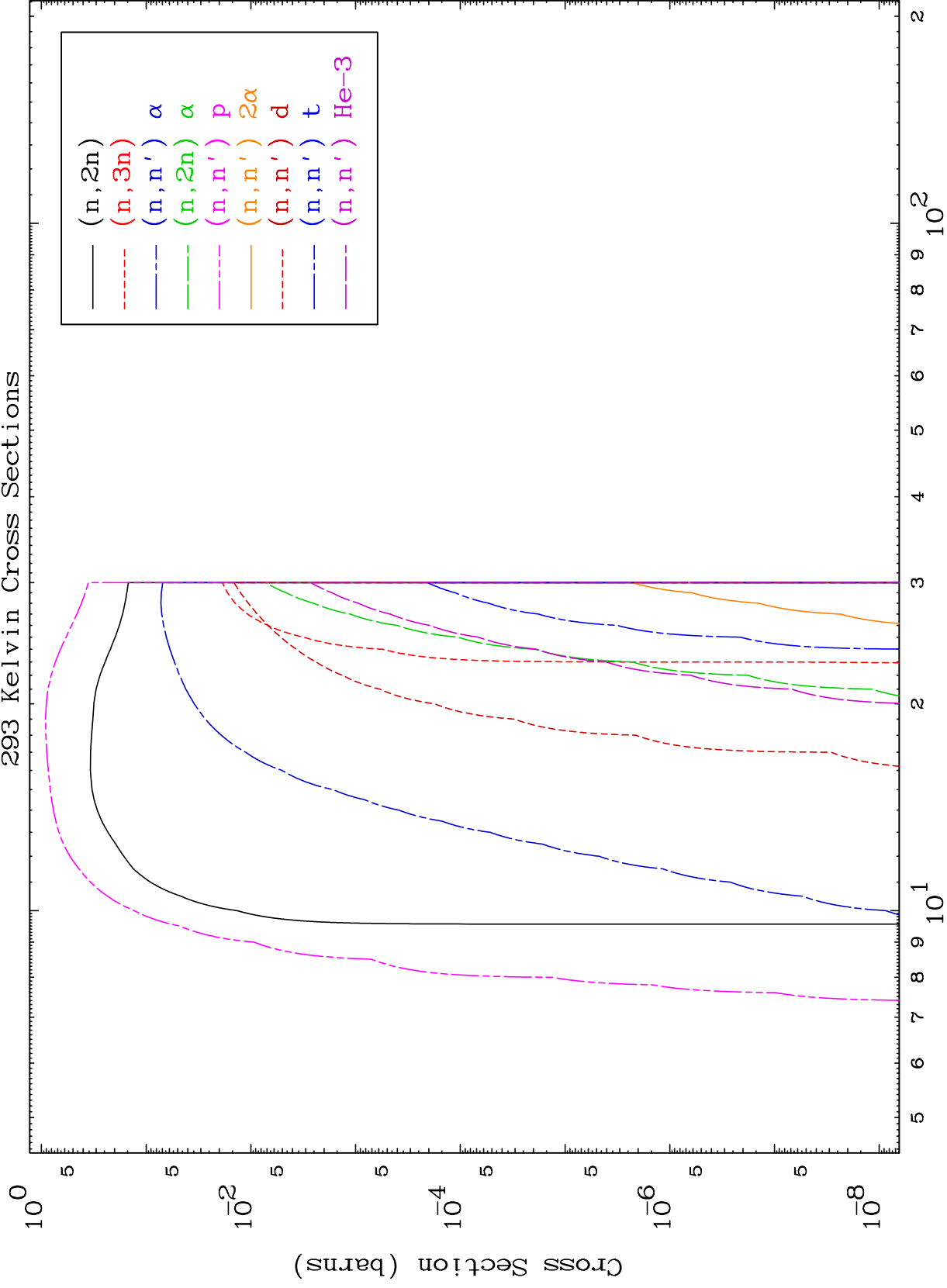
42-Mo-91m



MAT 4223

Neutron Absorption
293 Kelvin Cross Sections

42-Mo-91m



2

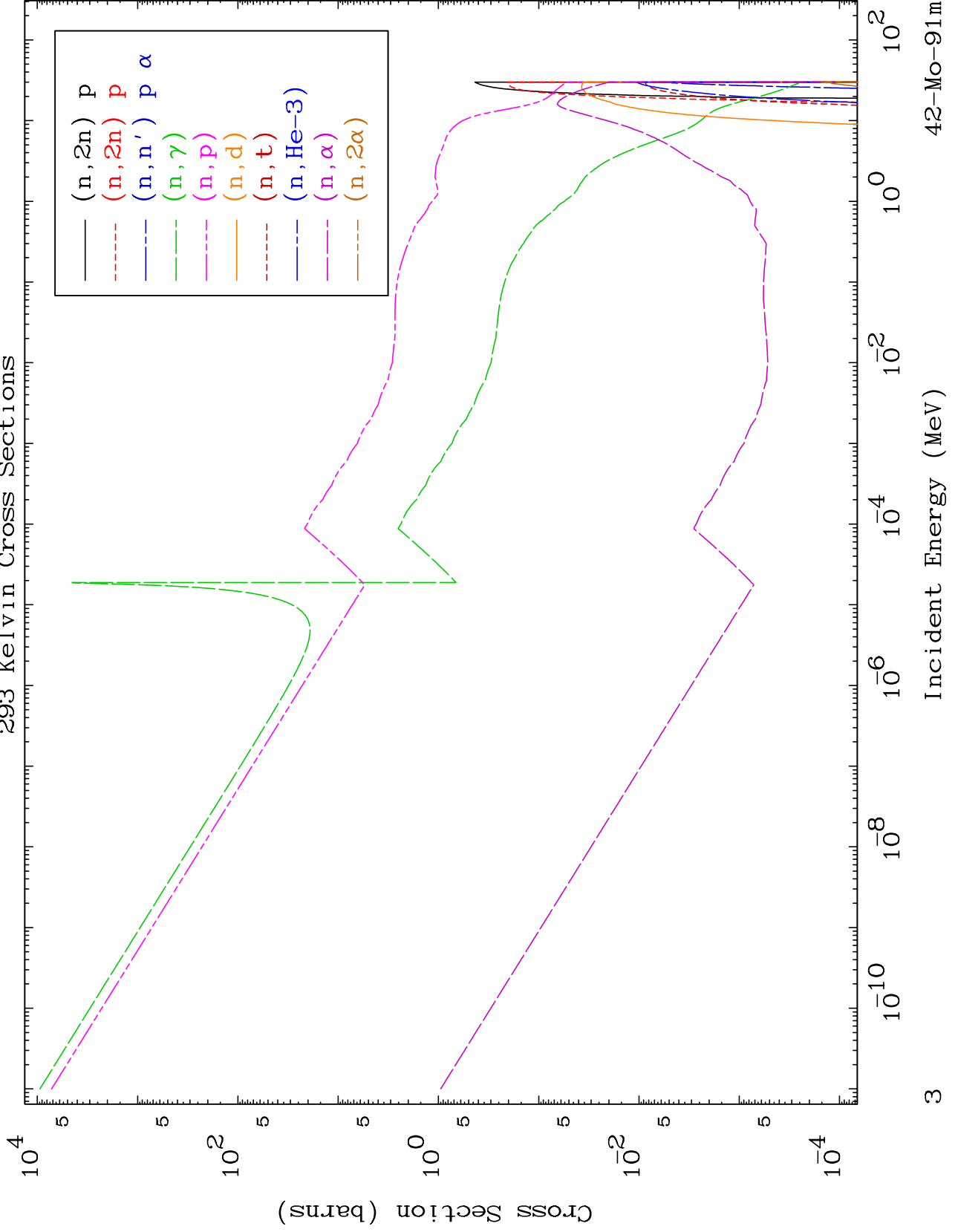
Incident Energy (MeV)

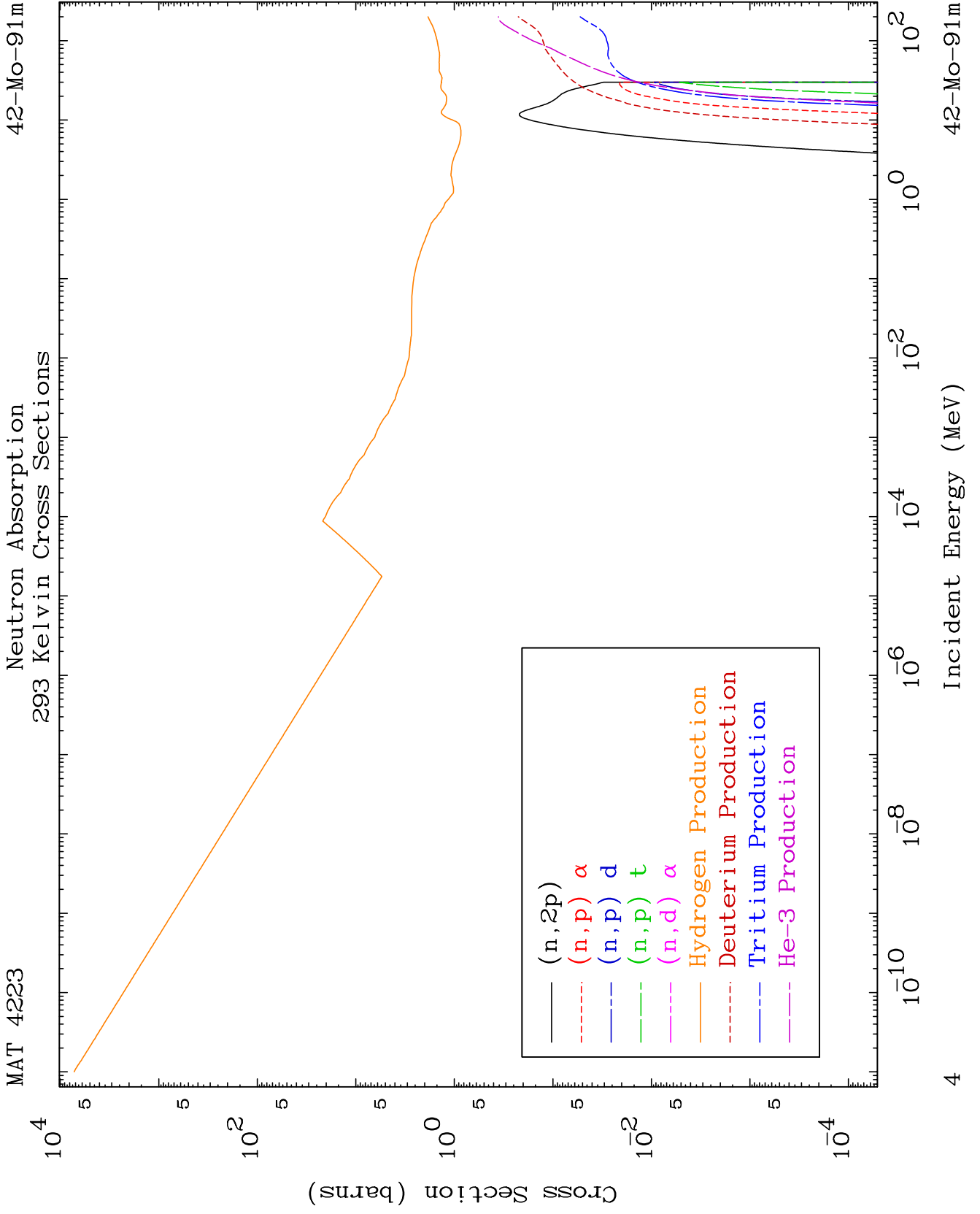
42-Mo-91m

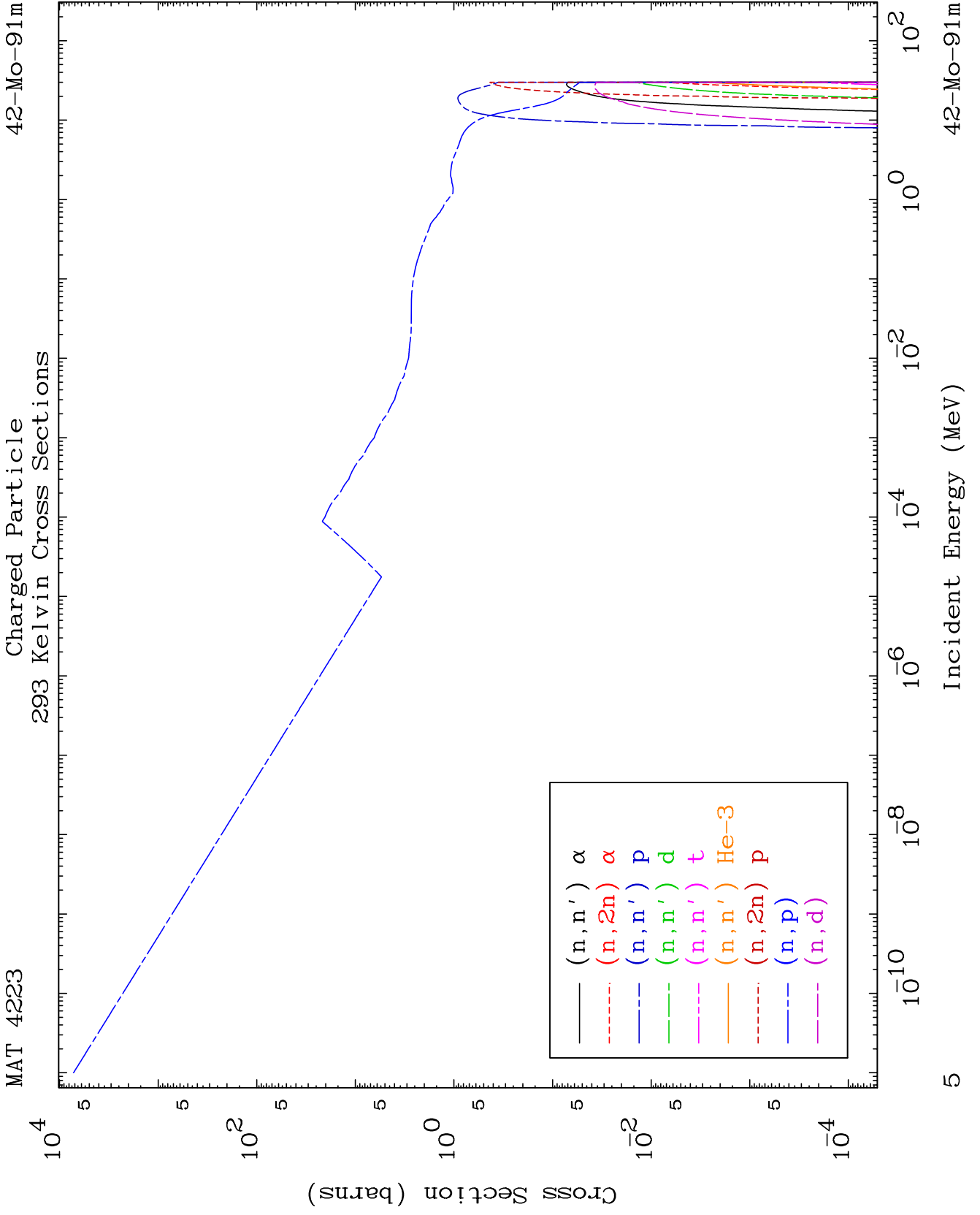
MAT 4223

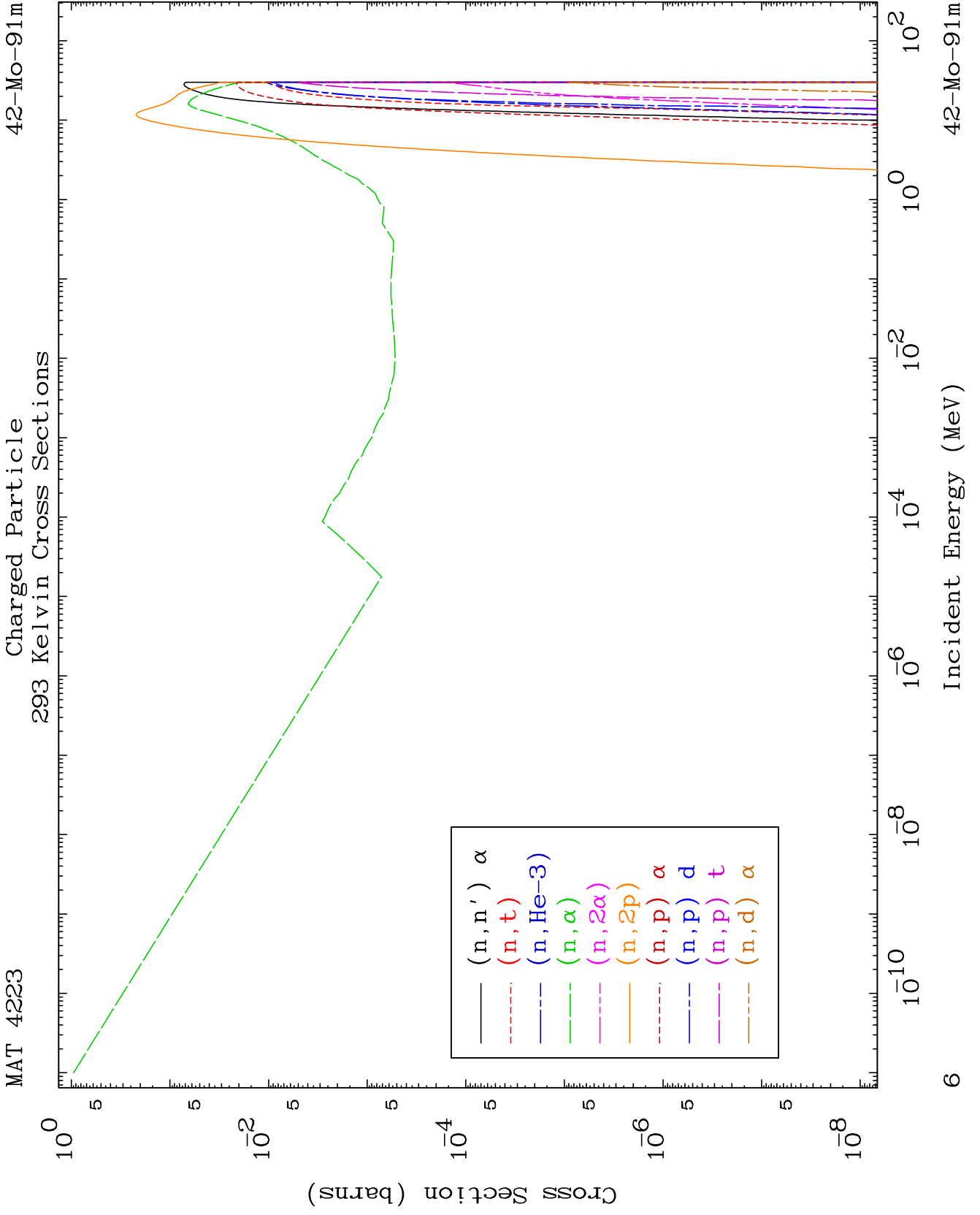
Neutron Absorption
293 Kelvin Cross Sections

42-Mo-91m





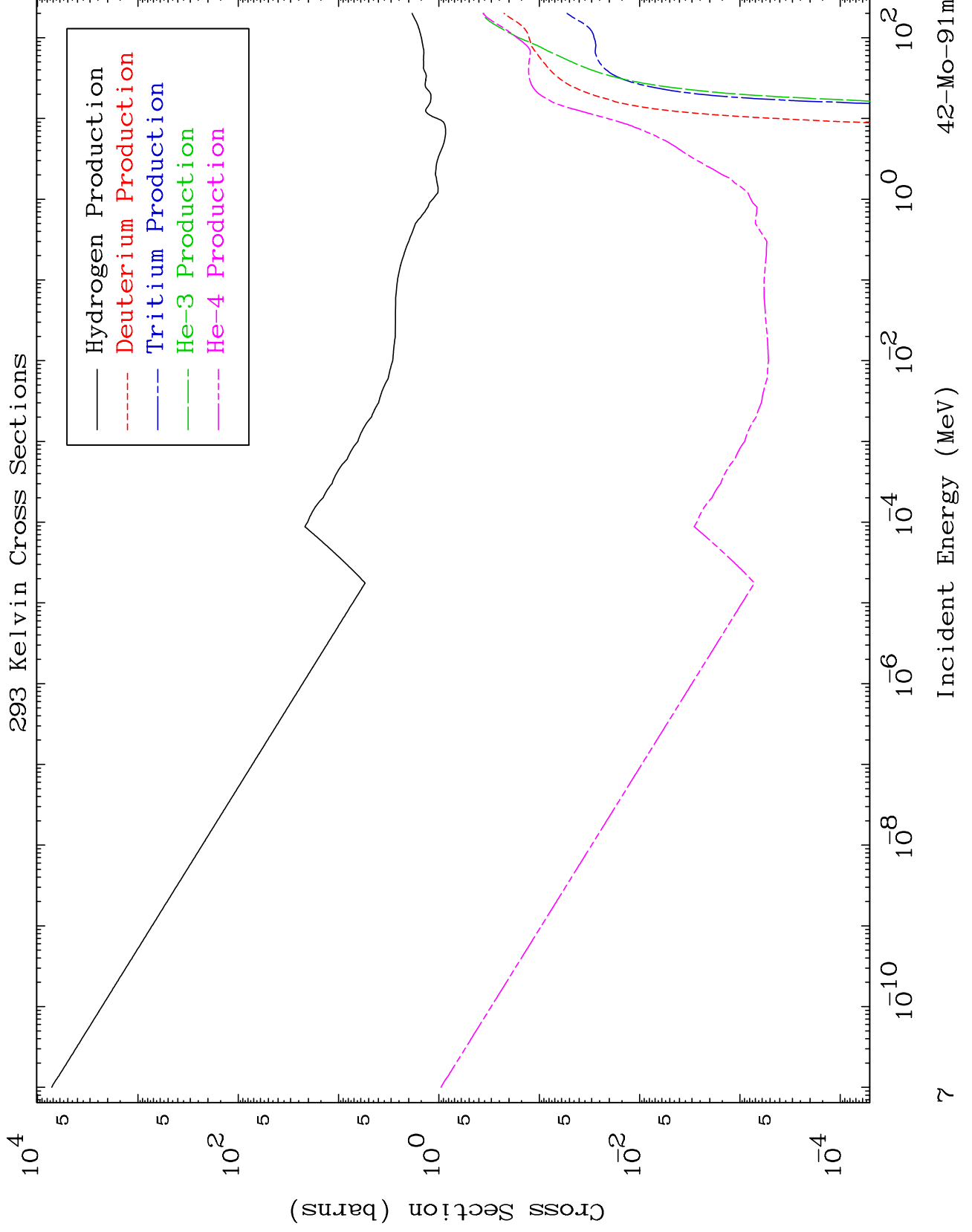




MAT 4223

Particle Production
293 Kelvin Cross Sections

42-Mo-91m

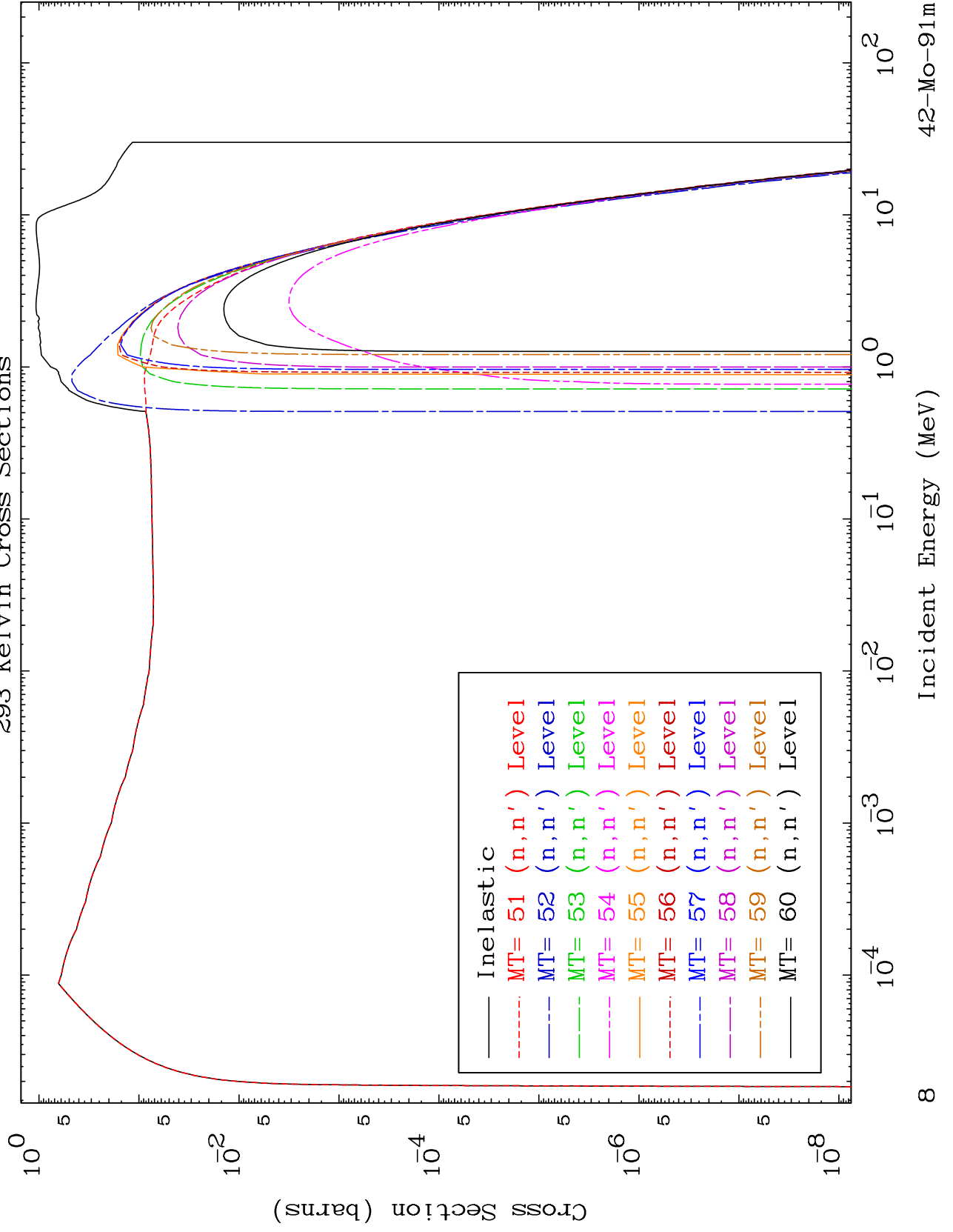


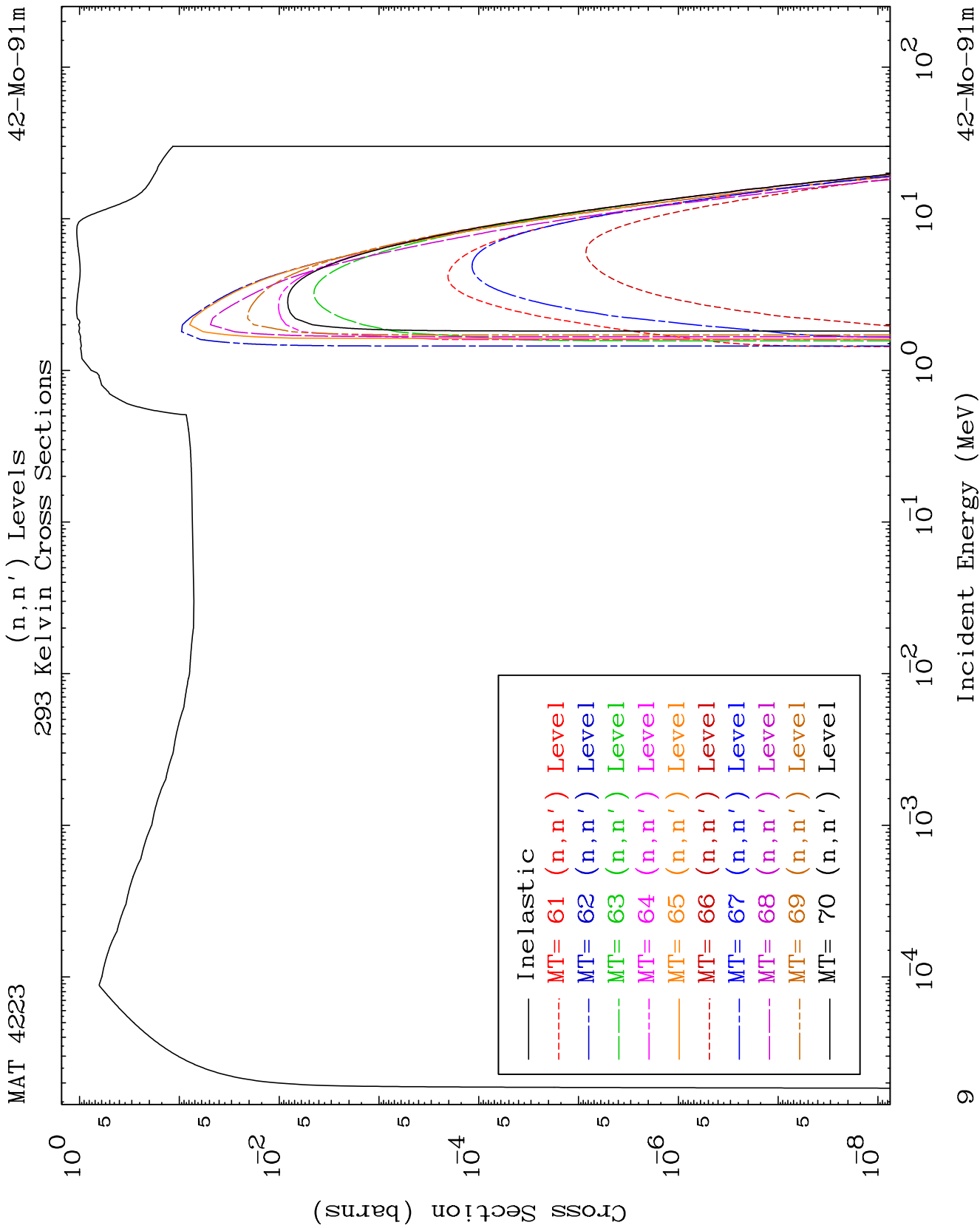
MAT 4223

(n,n') Levels

293 Kelvin Cross Sections

42-Mo-91m



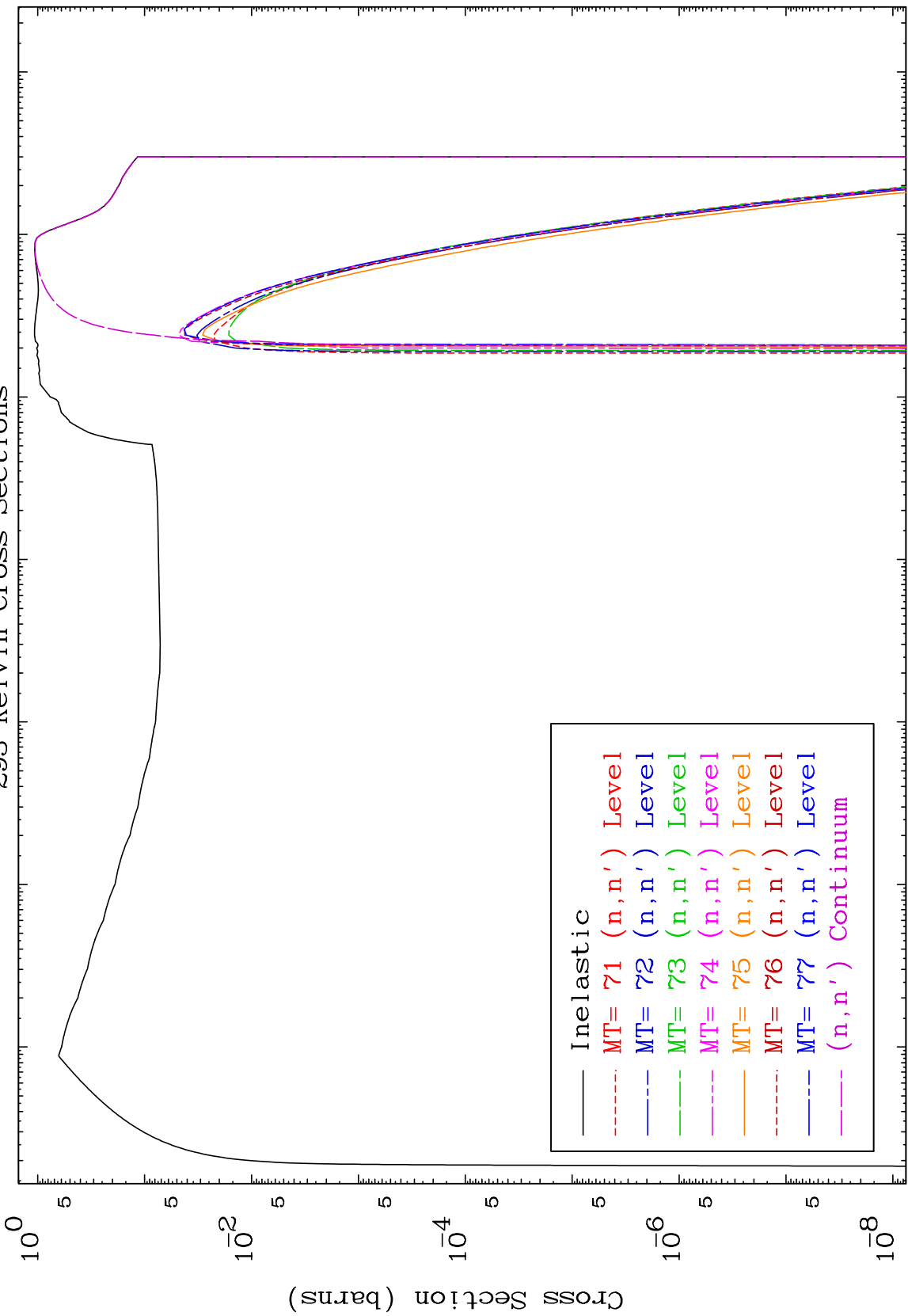


MAT 4223

(n,n') Levels

42-Mo-91m

293 Kelvin Cross Sections



10

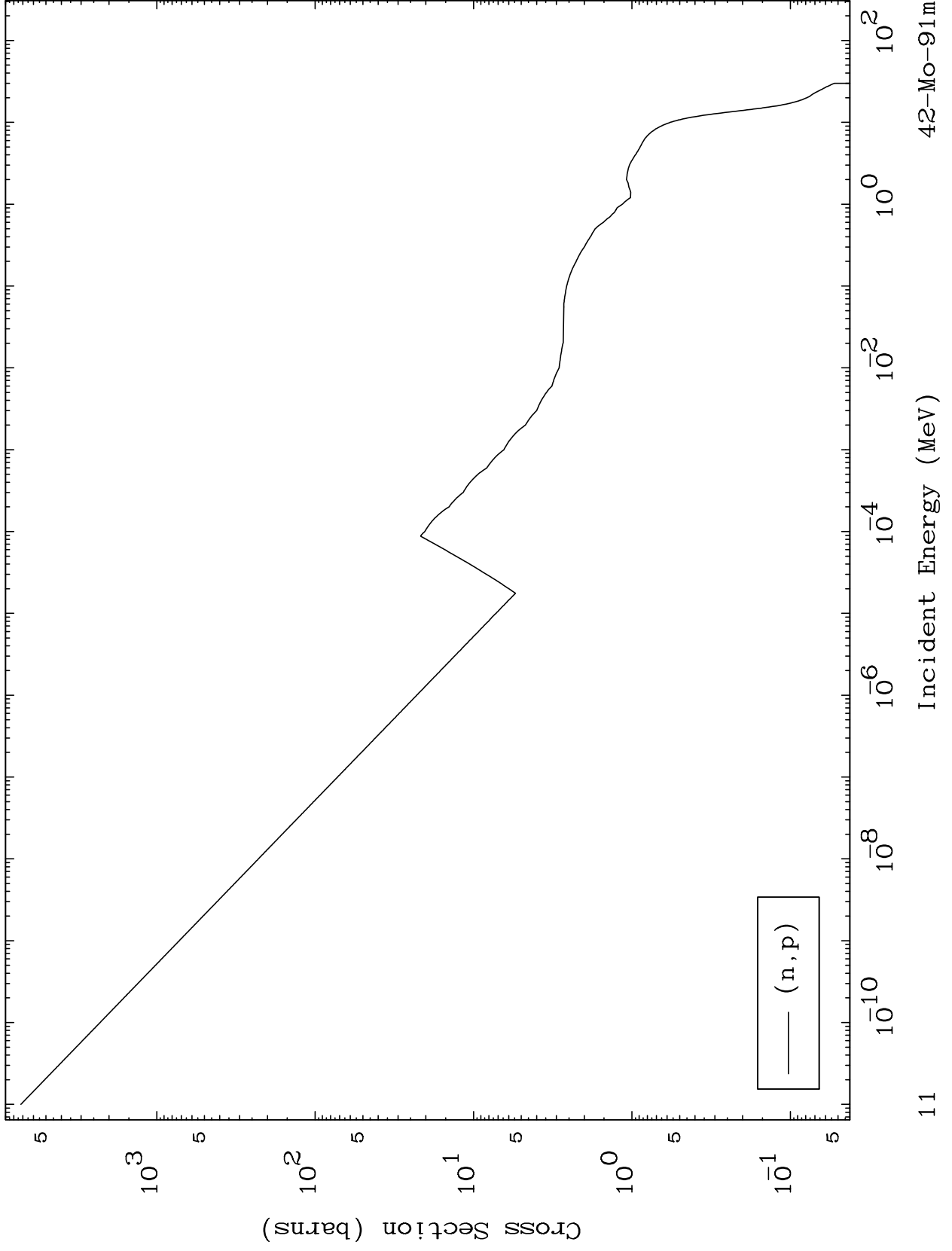
Incident Energy (MeV)

42-Mo-91m

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(n,p) Levels
293 Kelvin Cross Sections

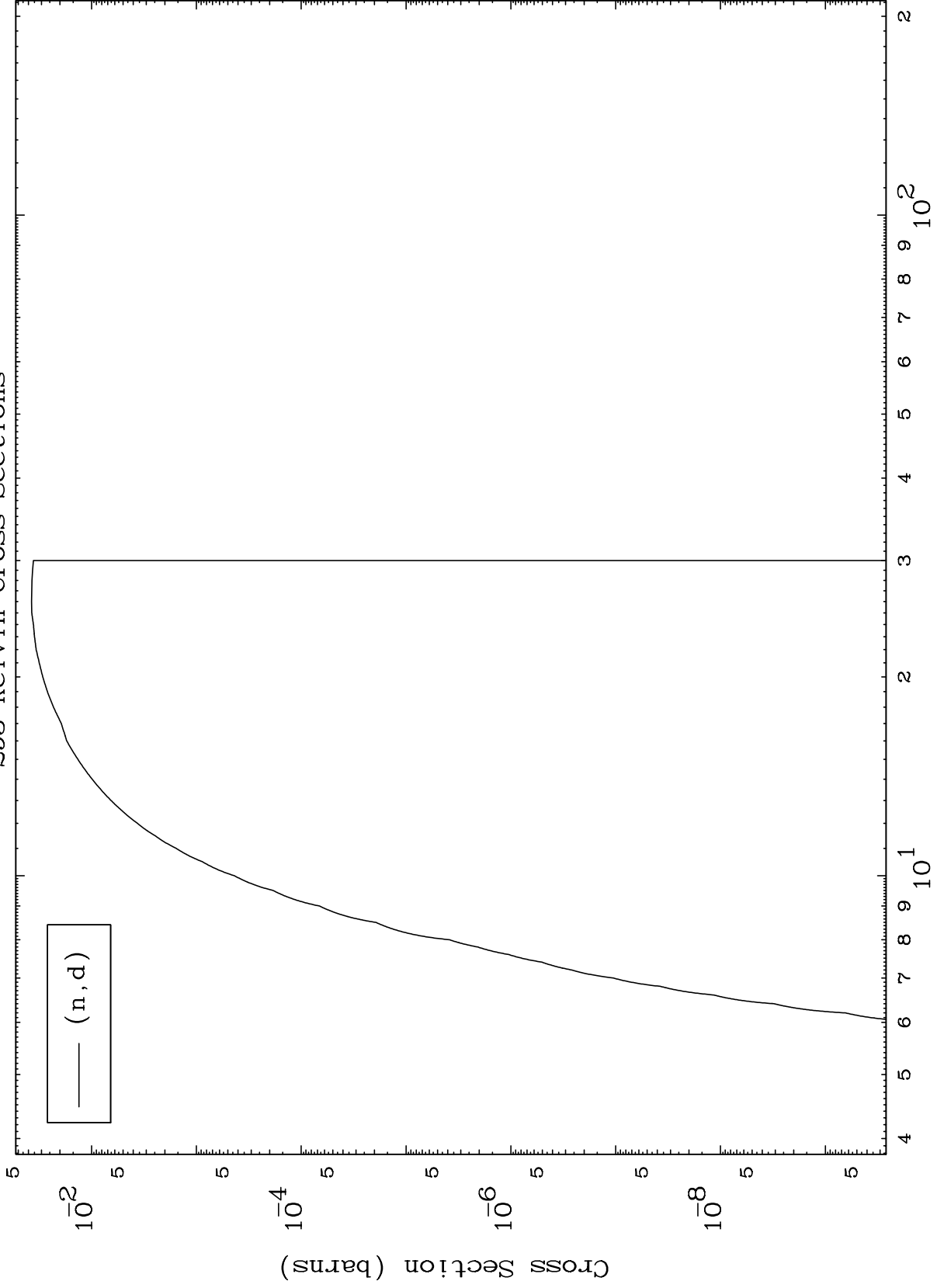
42-Mo-91m



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(n,d) Levels
293 Kelvin Cross Sections

42-Mo-91m



12

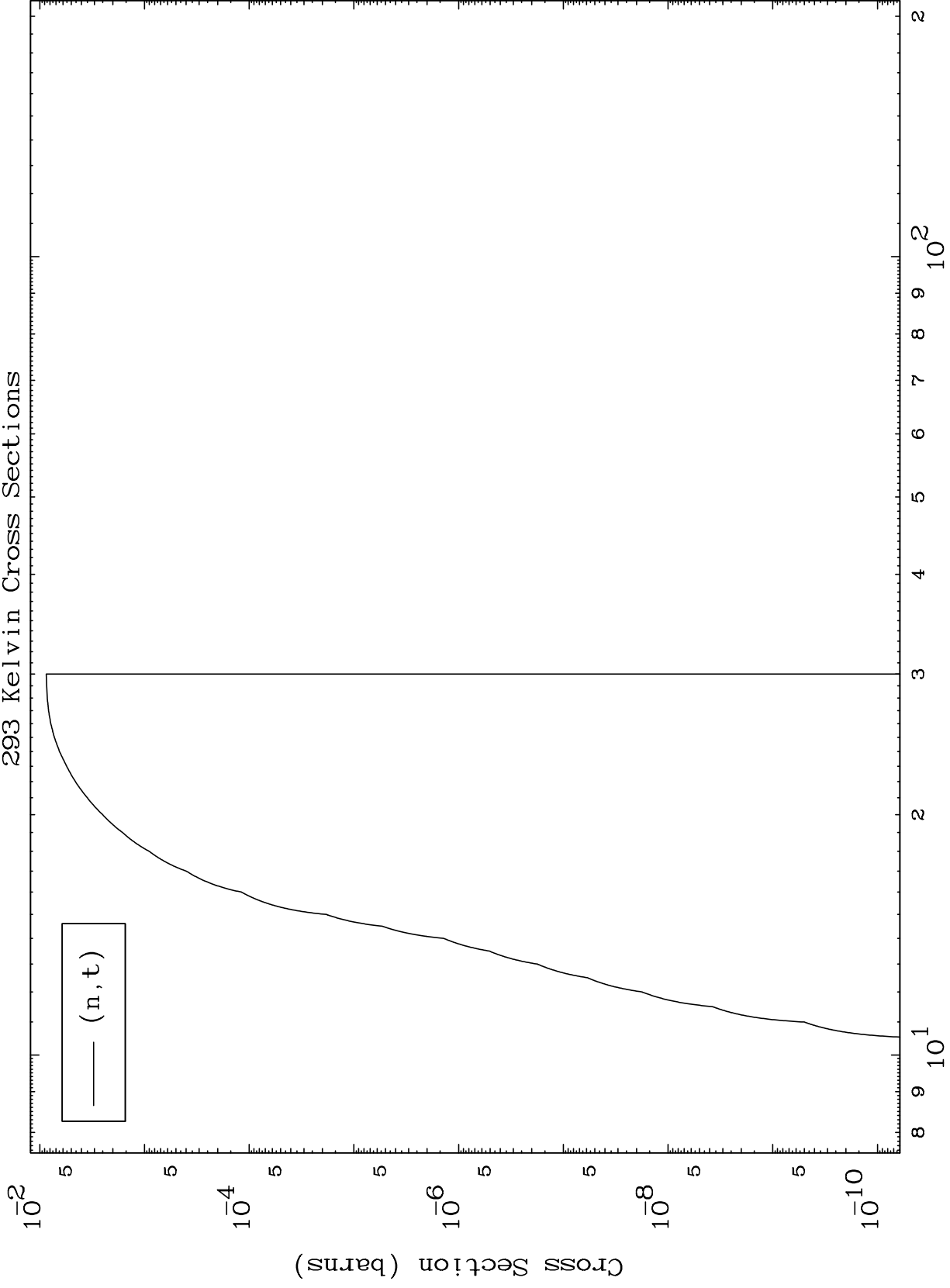
Incident Energy (MeV)

42-Mo-91m

MAT 4223

(n,t) Levels
293 Kelvin Cross Sections

42-Mo-91m



13

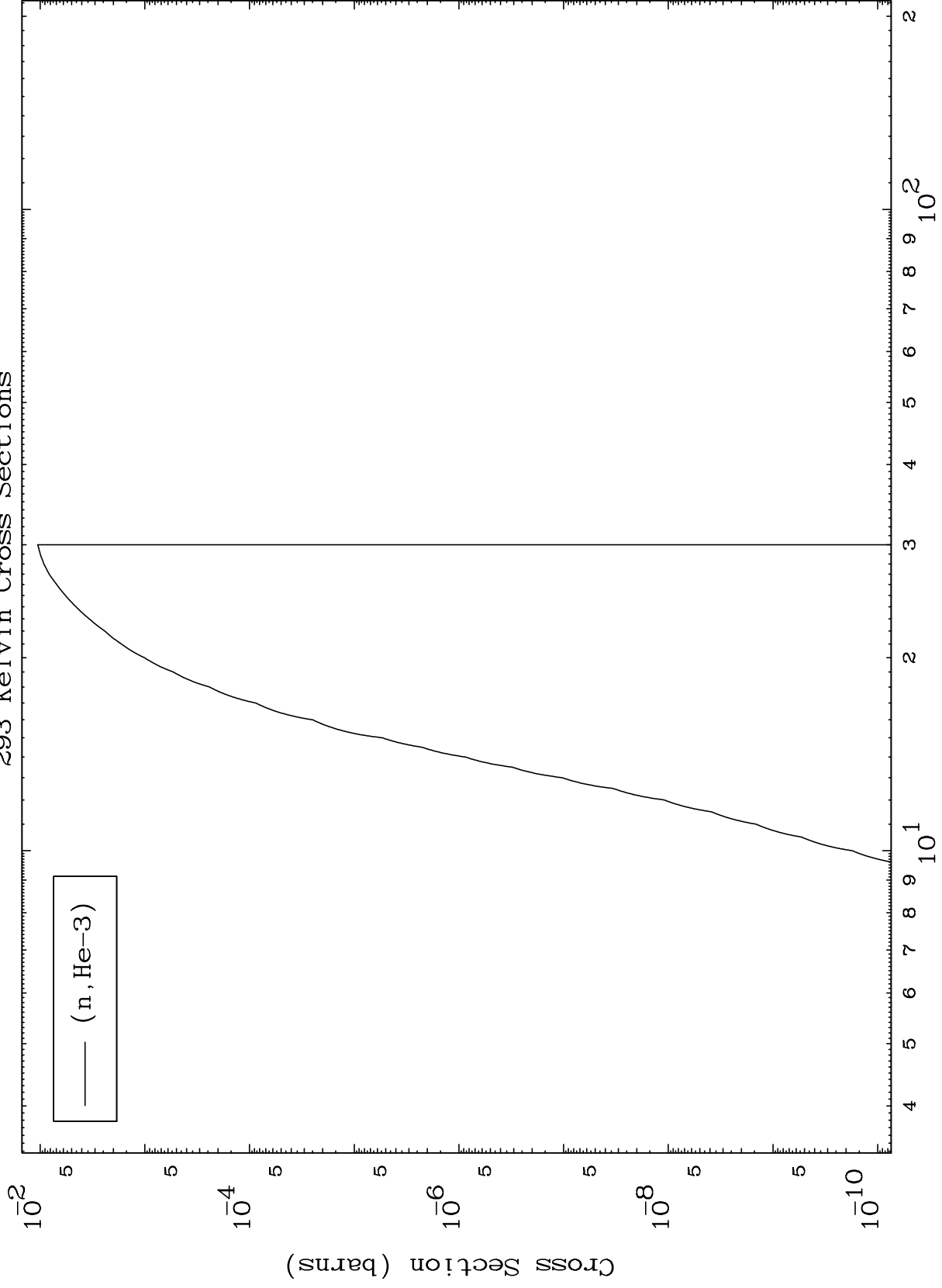
Incident Energy (MeV)

42-Mo-91m

MAT 4223

(n,He3) Levels
293 Kelvin Cross Sections

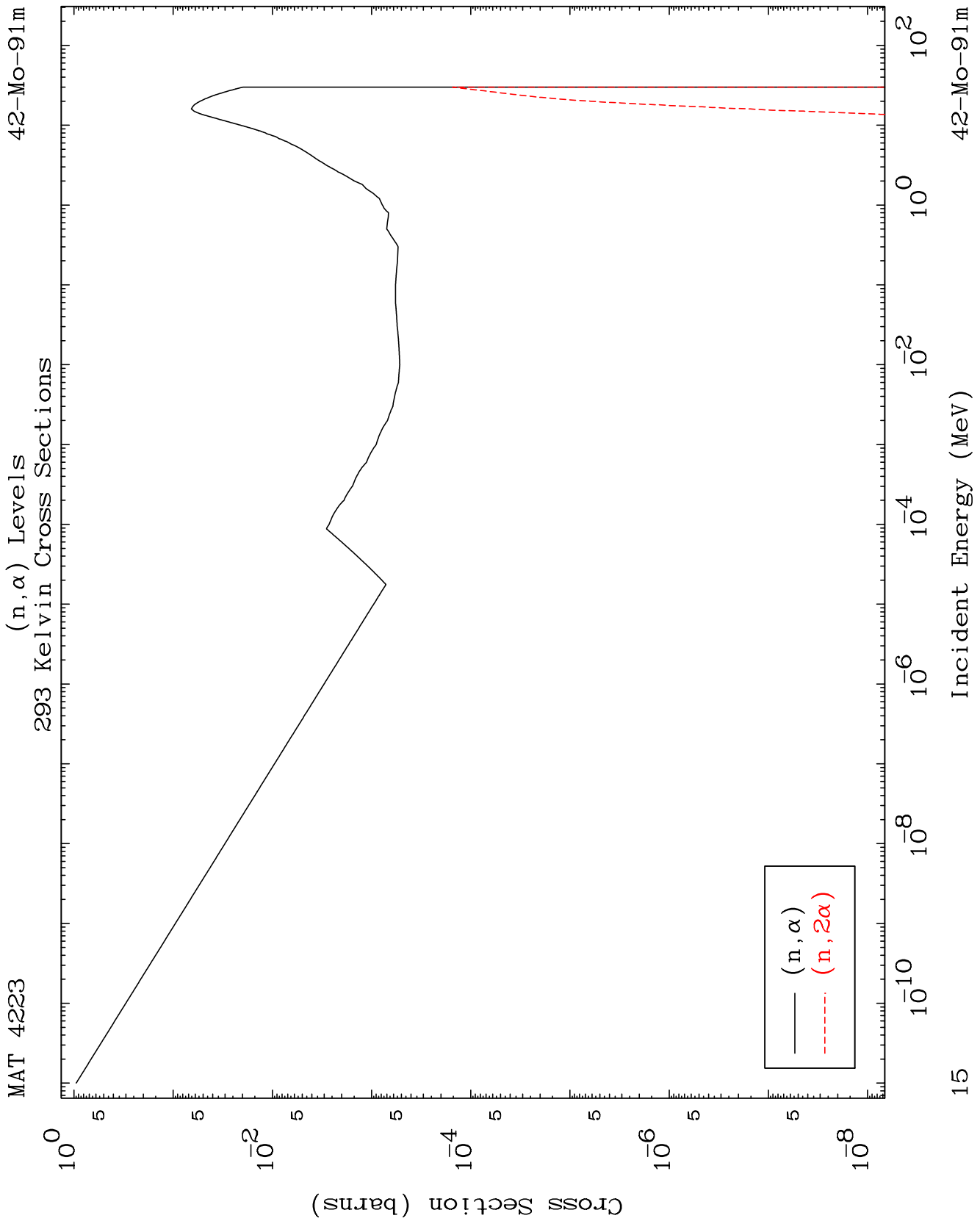
42-Mo-91m



14

Incident Energy (MeV)

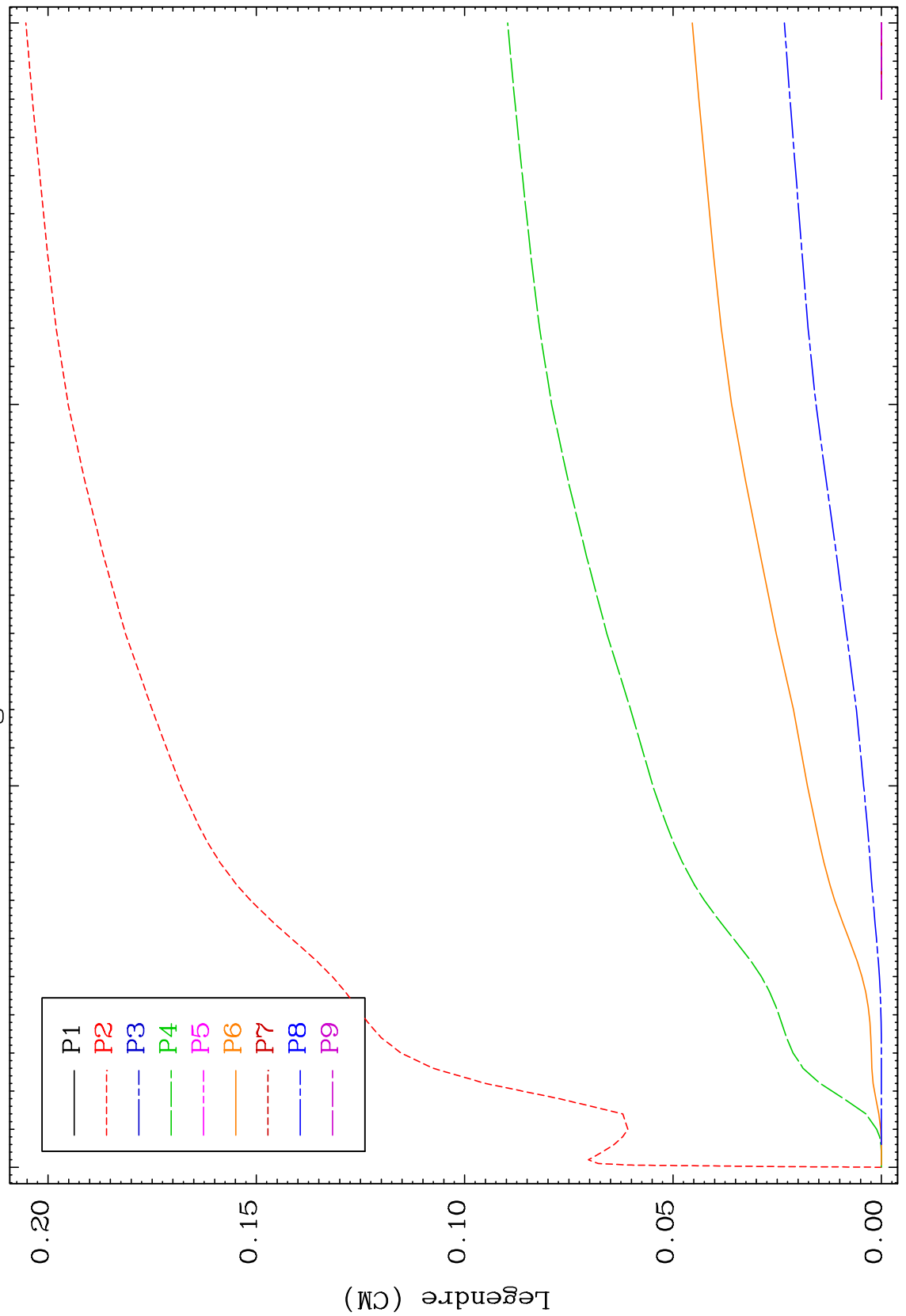
42-Mo-91m



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Elastic Legendre Coefficients

42-Mo-91m



16

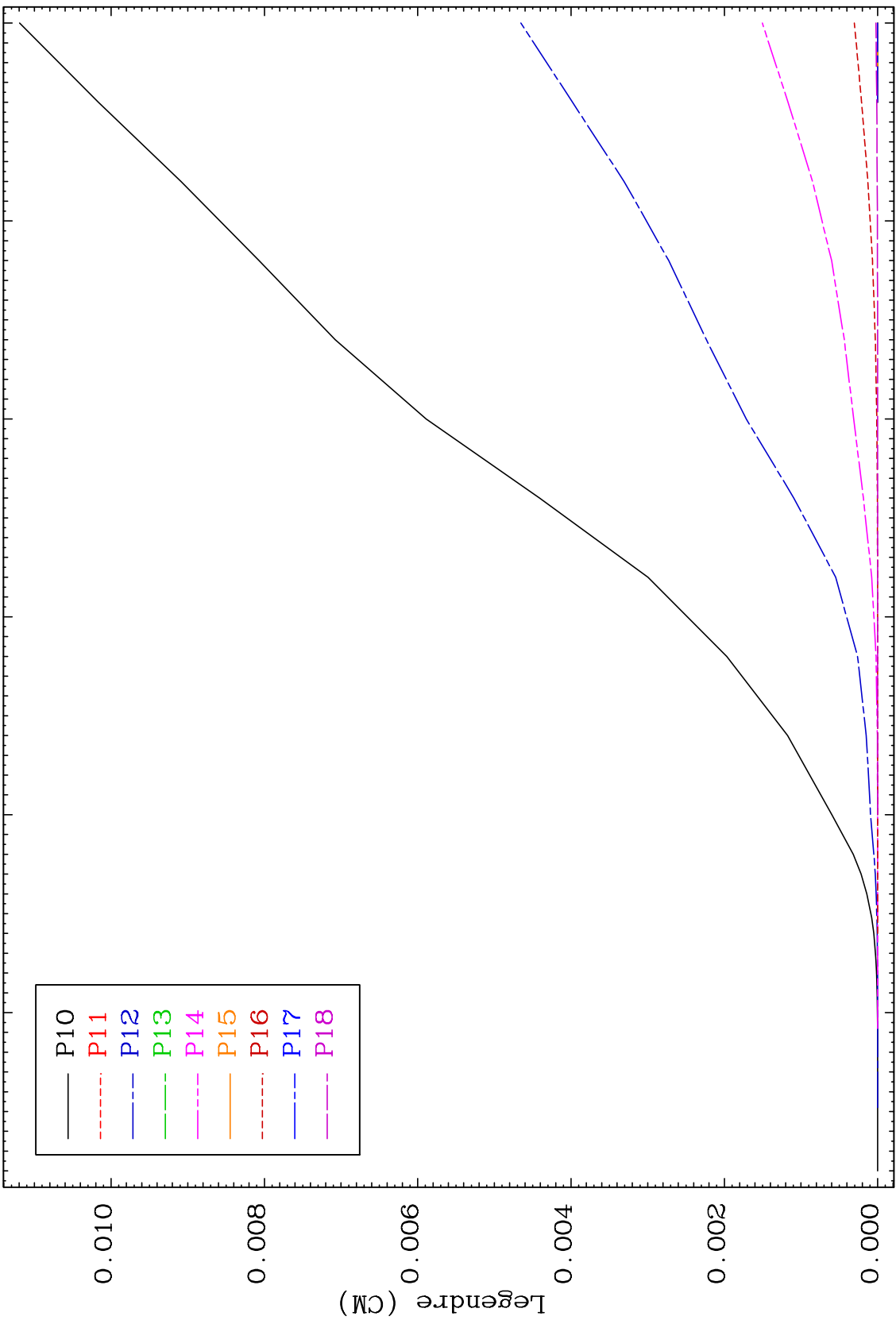
Incident Energy (MeV)

42-Mo-91m

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Elastic Legendre Coefficients

42-Mo-91m



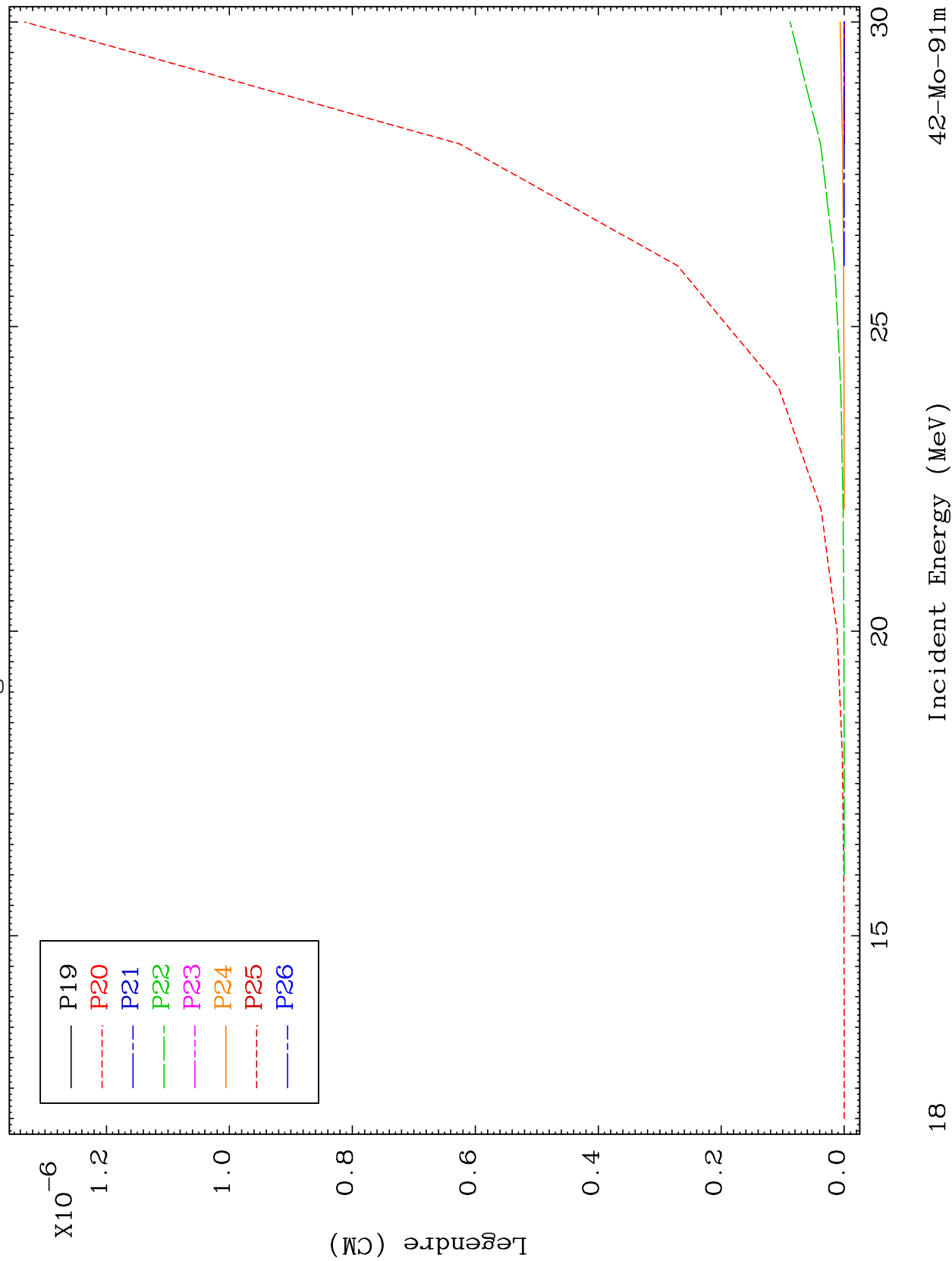
17

42-Mo-91m

MAT 4223

Elastic Legendre Coefficients

42-Mo-91m



18

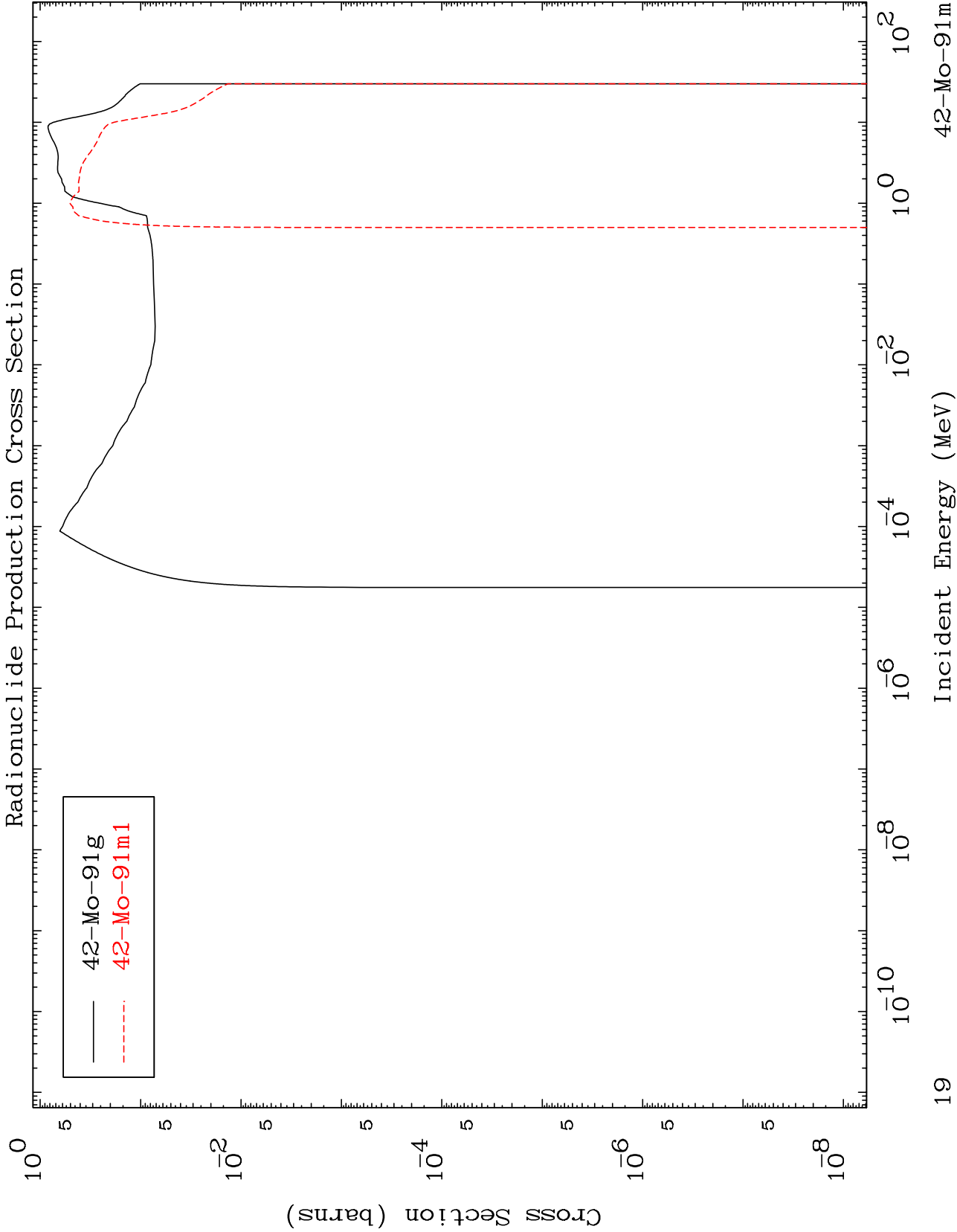
Incident Energy (MeV)

42-Mo-91m

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Inelastic
Radionuclide Production Cross Section

42-Mo-91m

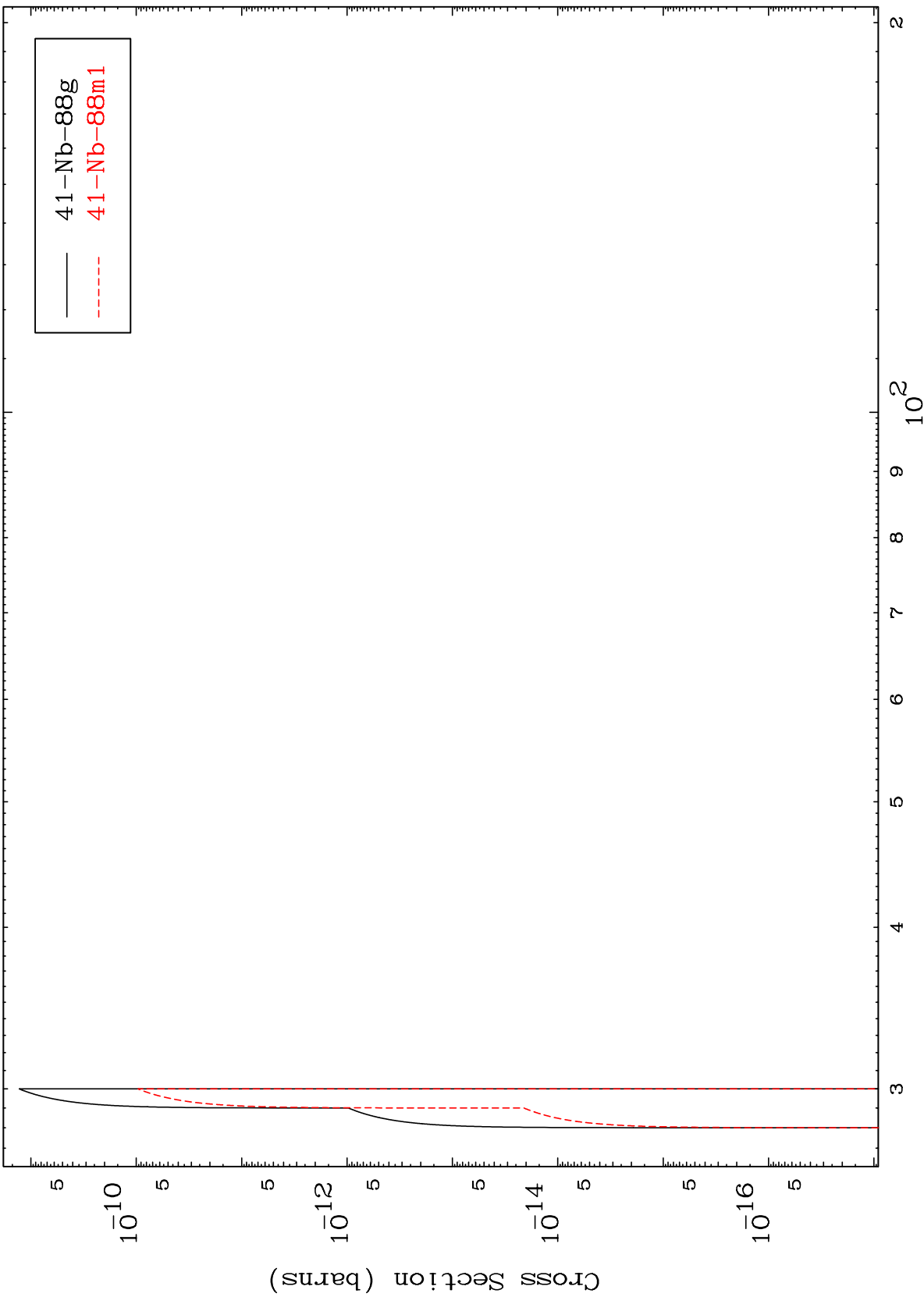


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(n,2n) d

42-Mo-91m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

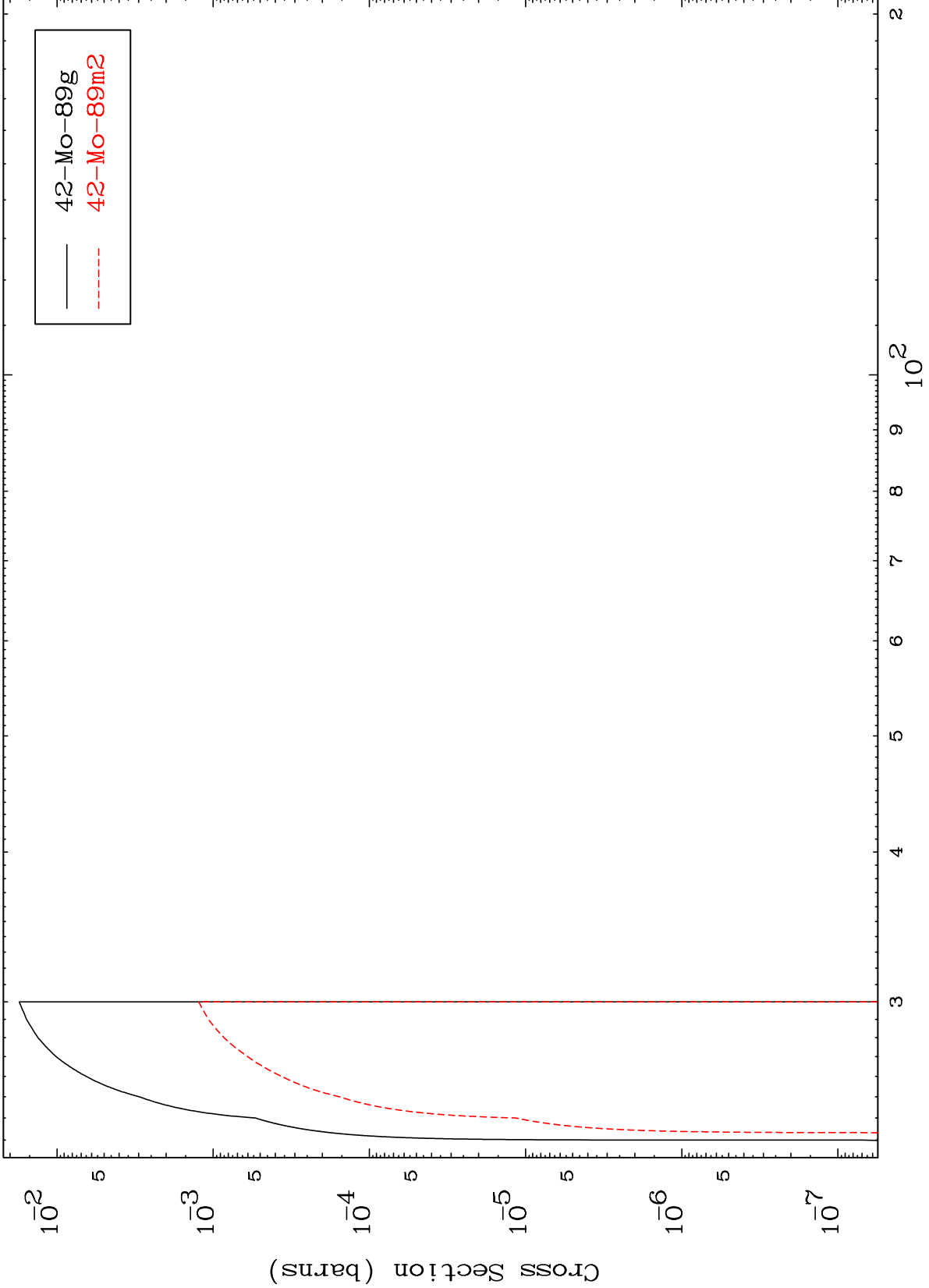
42-Mo-91m

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(n,3n)

42-Mo-91m

Radionuclide Production Cross Section

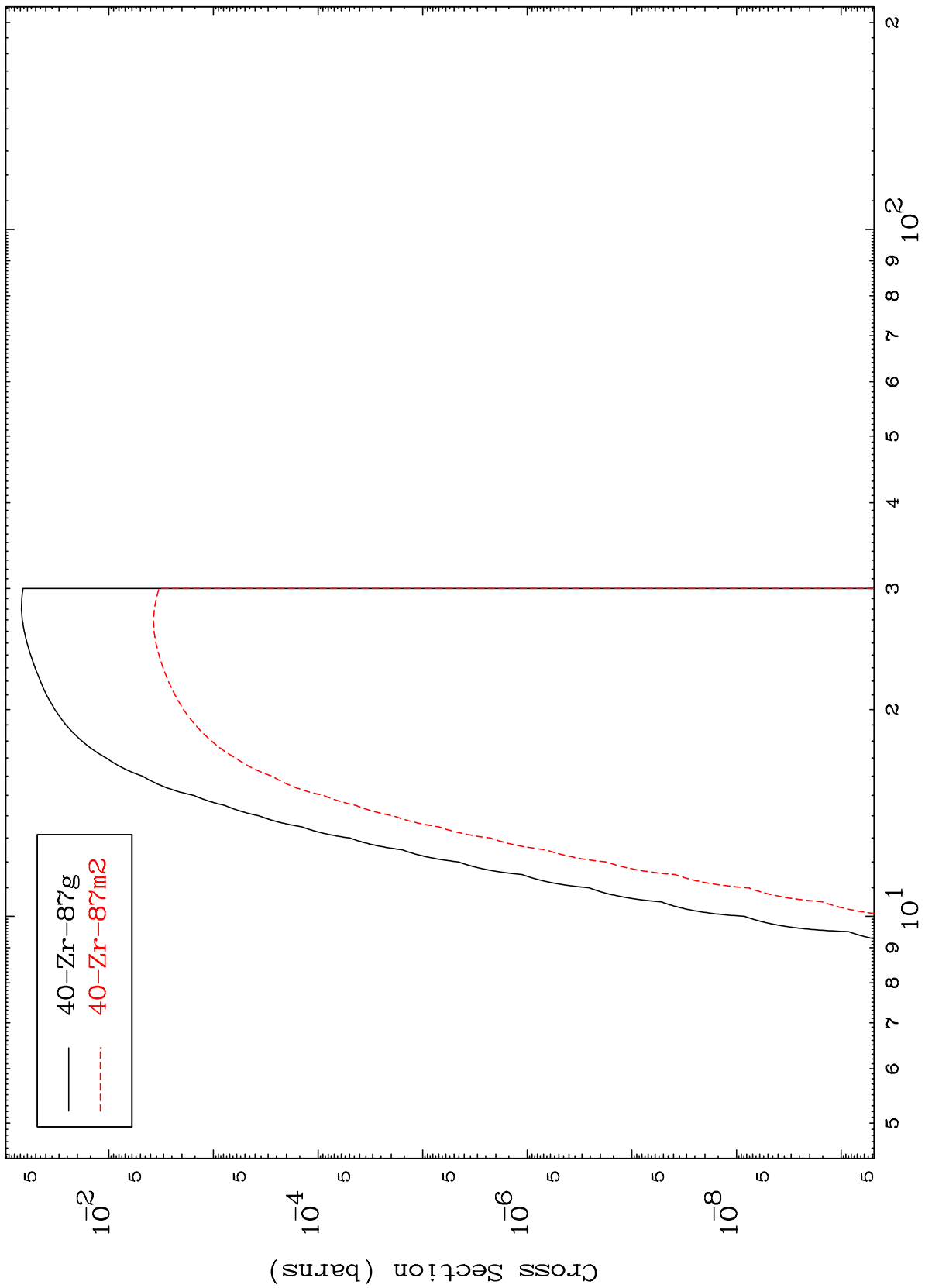


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$(n, n') \alpha$

42-Mo-91m

Radionuclide Production Cross Section



— 40-Zr-87g
- - - 40-Zr-87m2

22

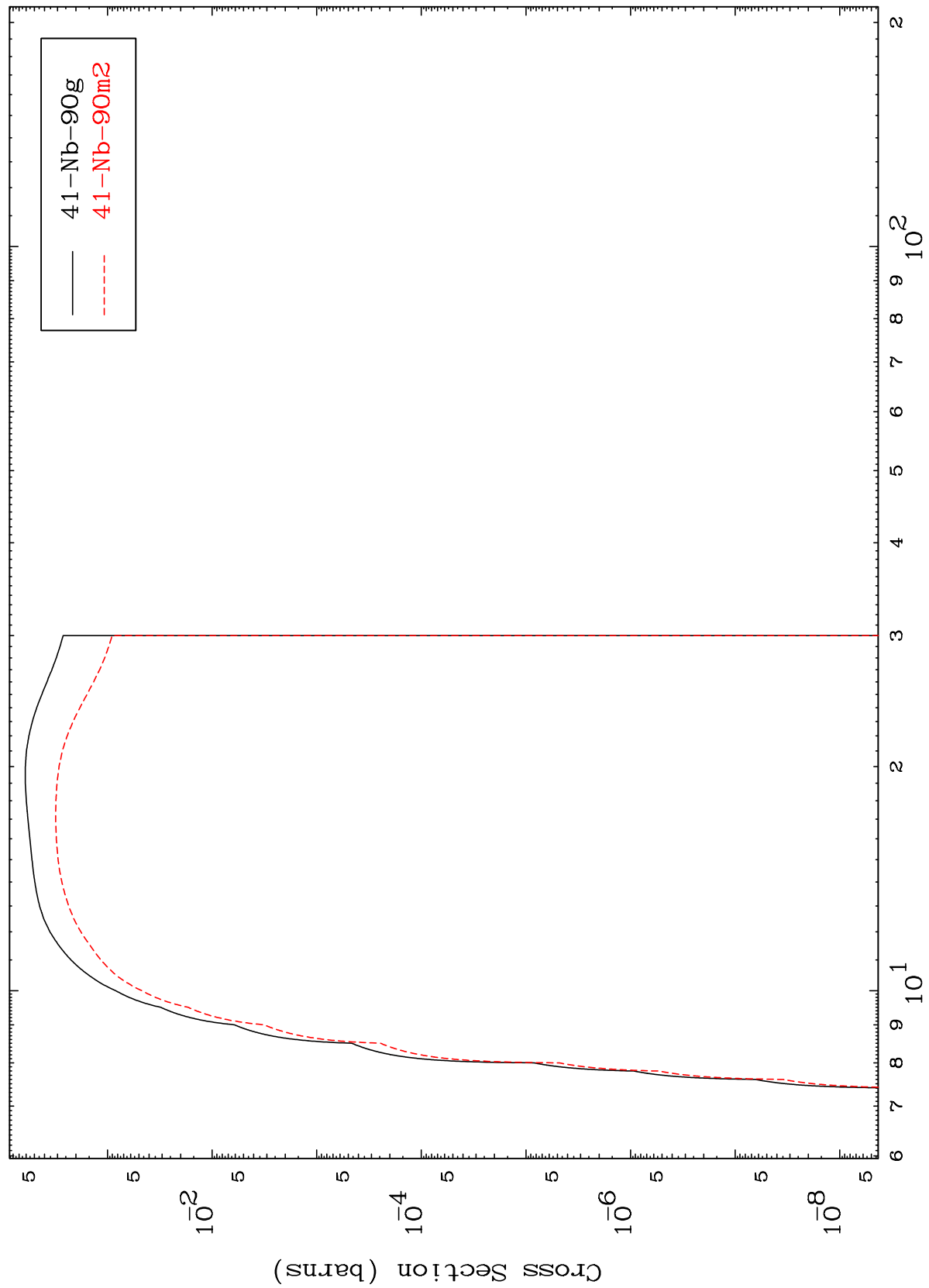
Incident Energy (MeV)

42-Mo-91m

MAT 4223

42-Mo-91m

(n, n') p
Radionuclide Production Cross Section



23

Incident Energy (MeV)

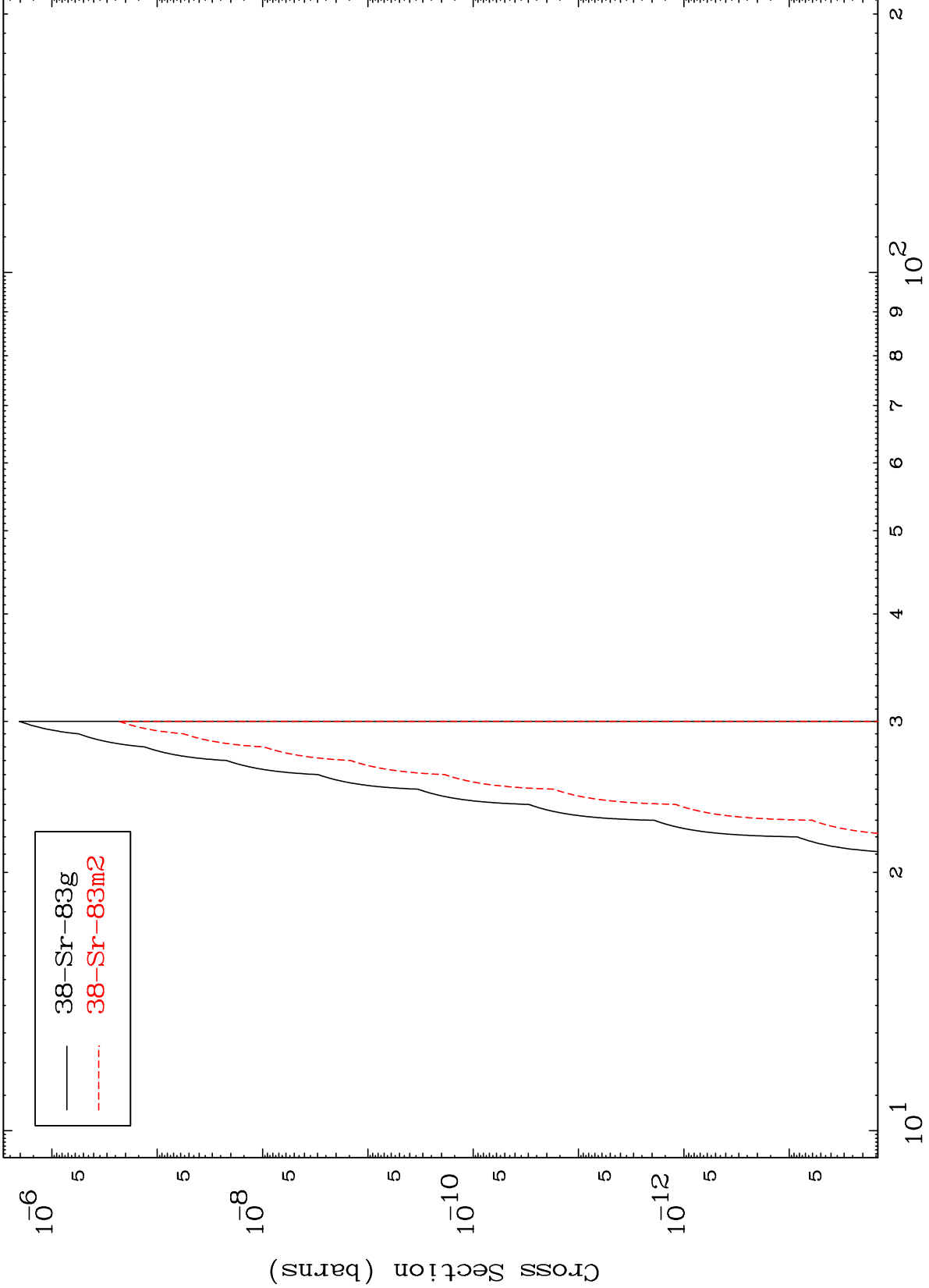
42-Mo-91m

MAT 4223

(n,n') 2α

42-Mo-91m

Radionuclide Production Cross Section



24

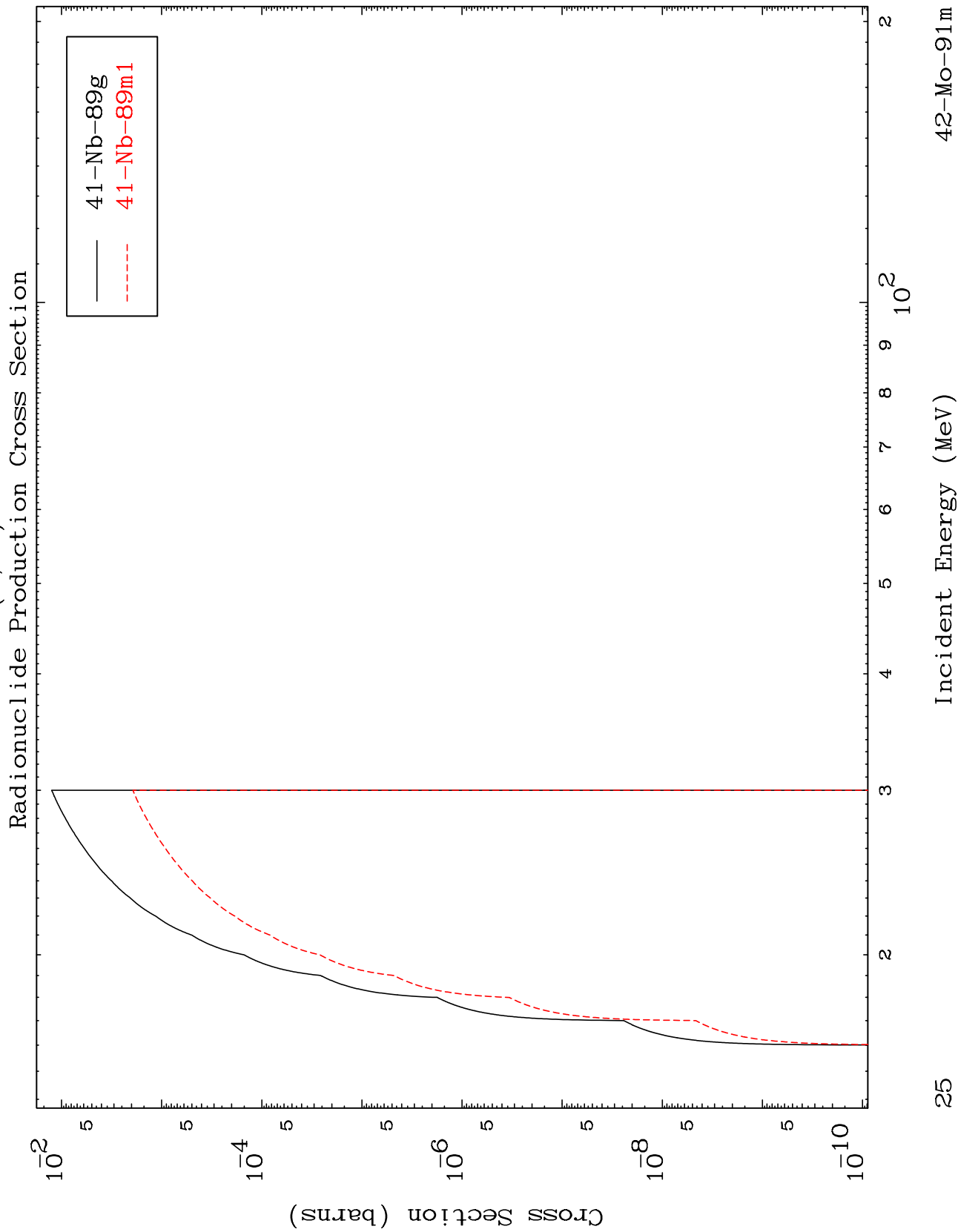
Incident Energy (MeV)

42-Mo-91m

MAT 4223

(n,n') d

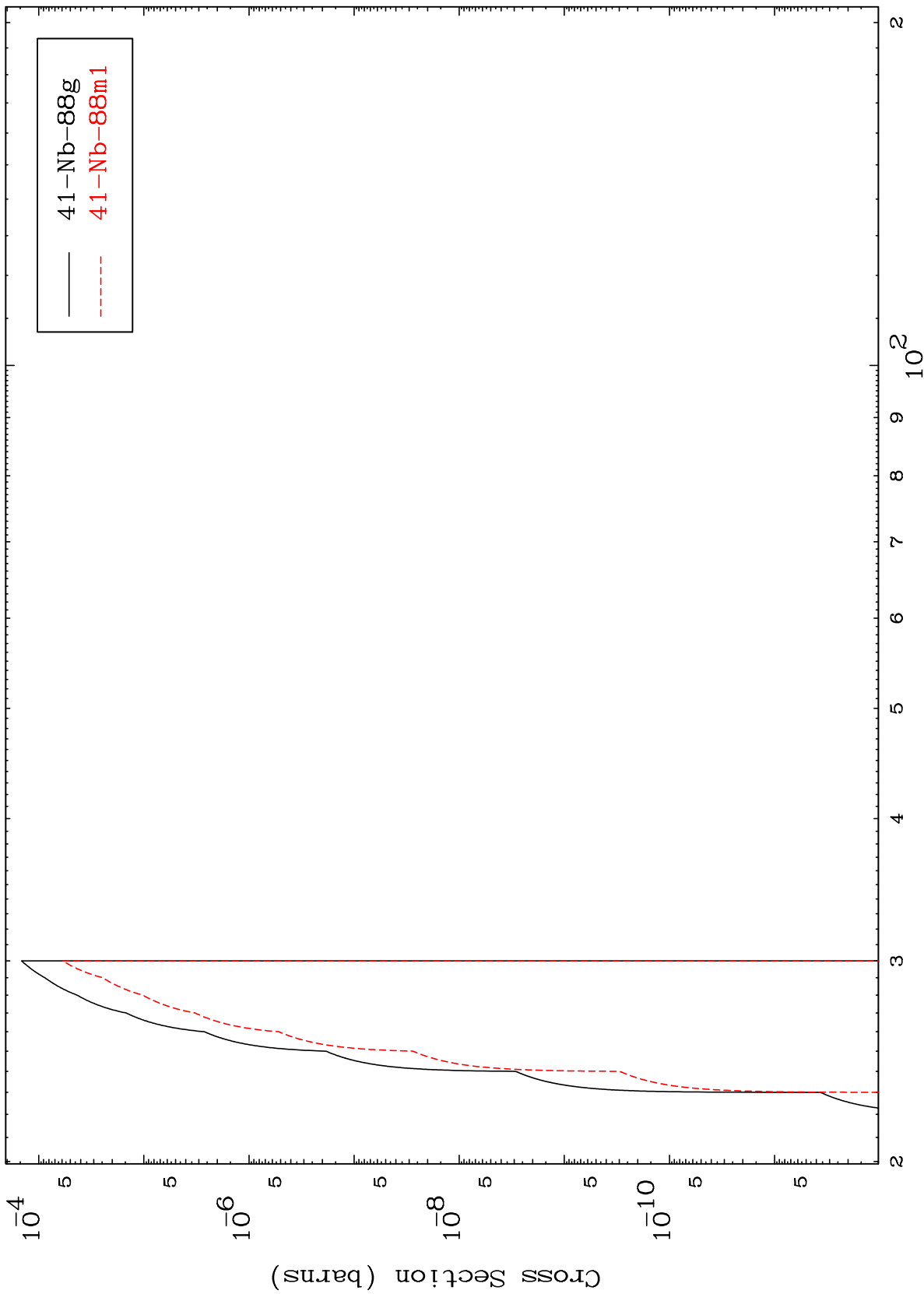
42-Mo-91m



25

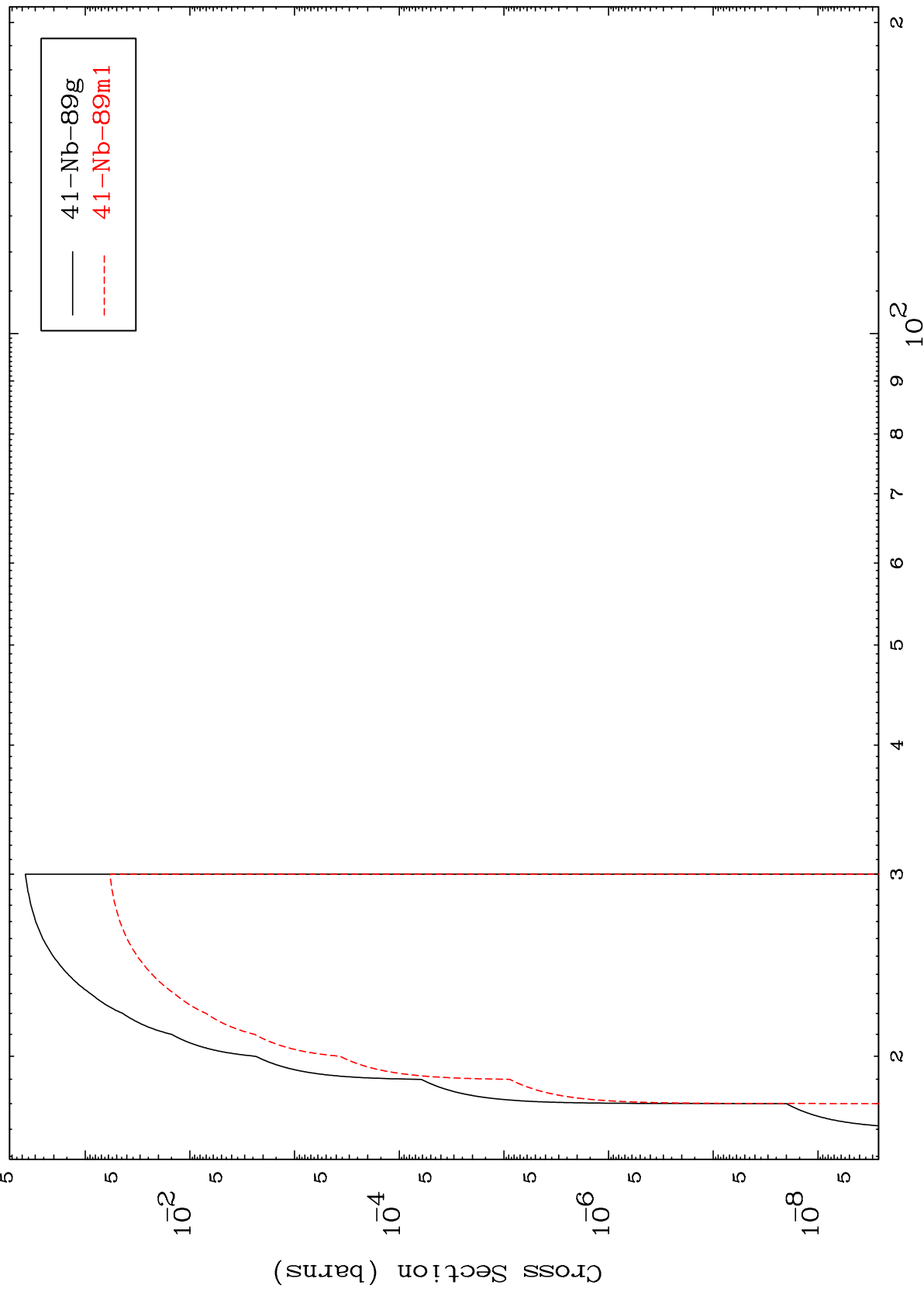
42-Mo-91m

Radionuclide Production Cross Section

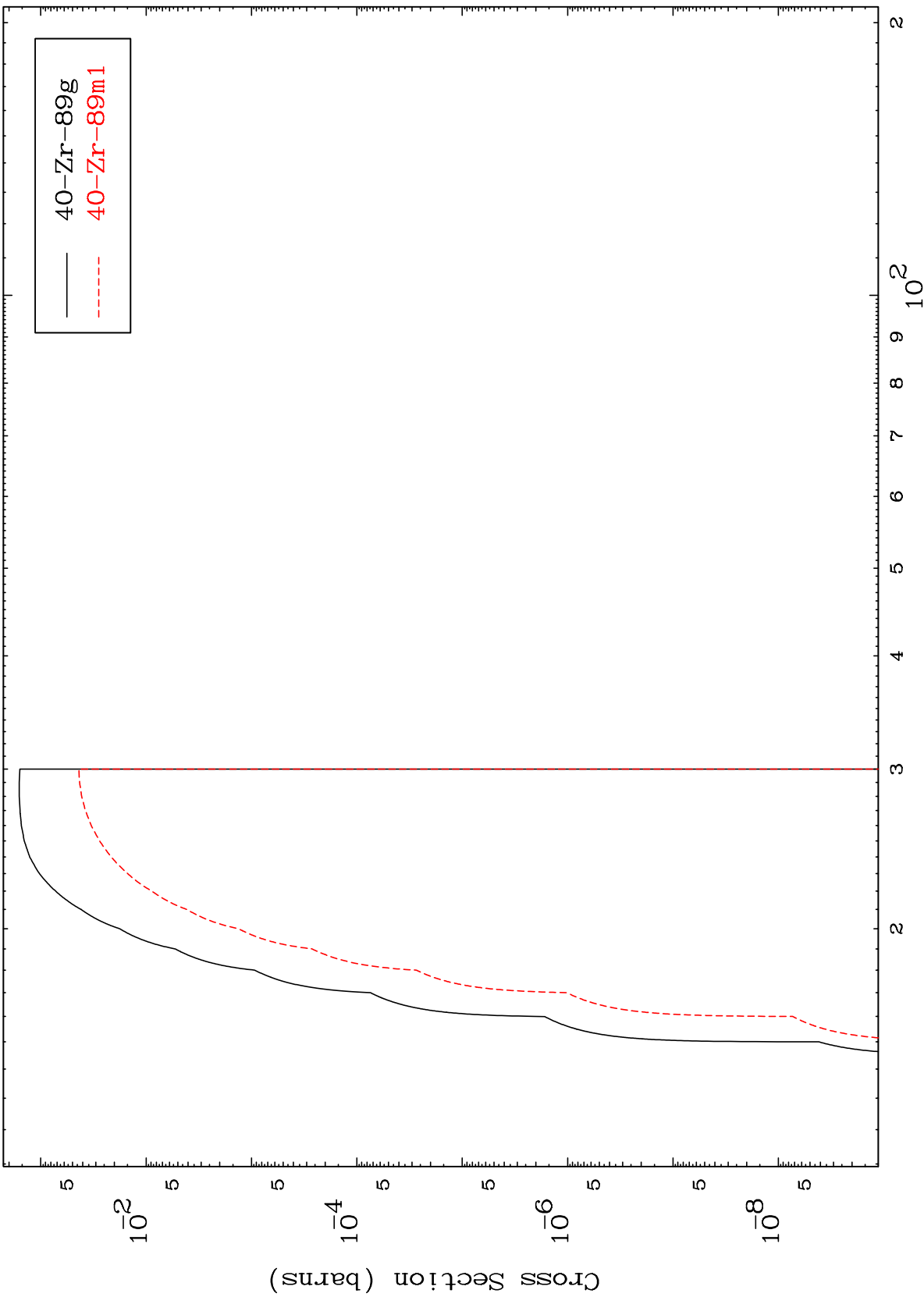


41-Nb-88g
41-Nb-88m1

Radionuclide Production Cross Section



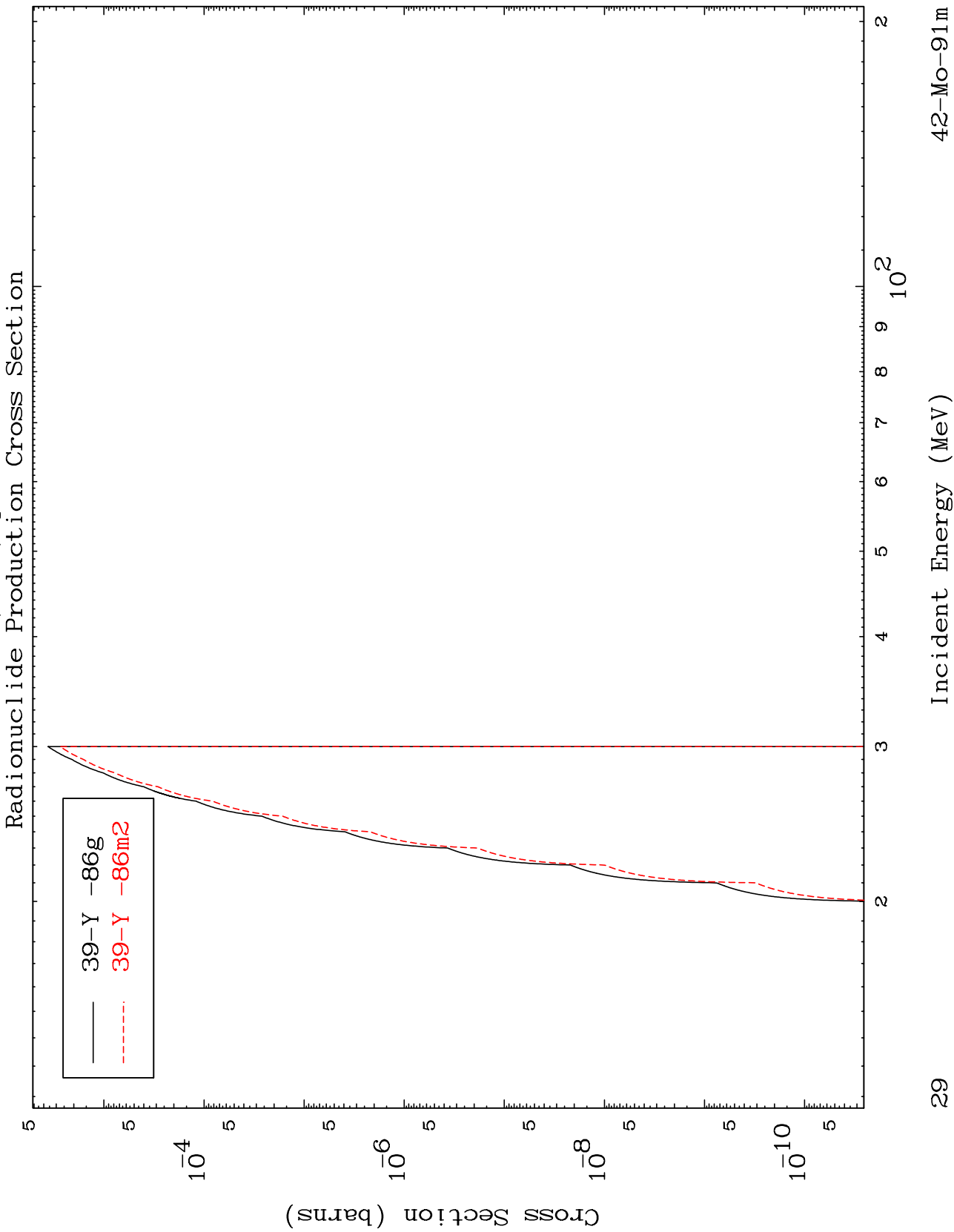
Radionuclide Production Cross Section



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(n,n') p α

42-Mo-91m



29

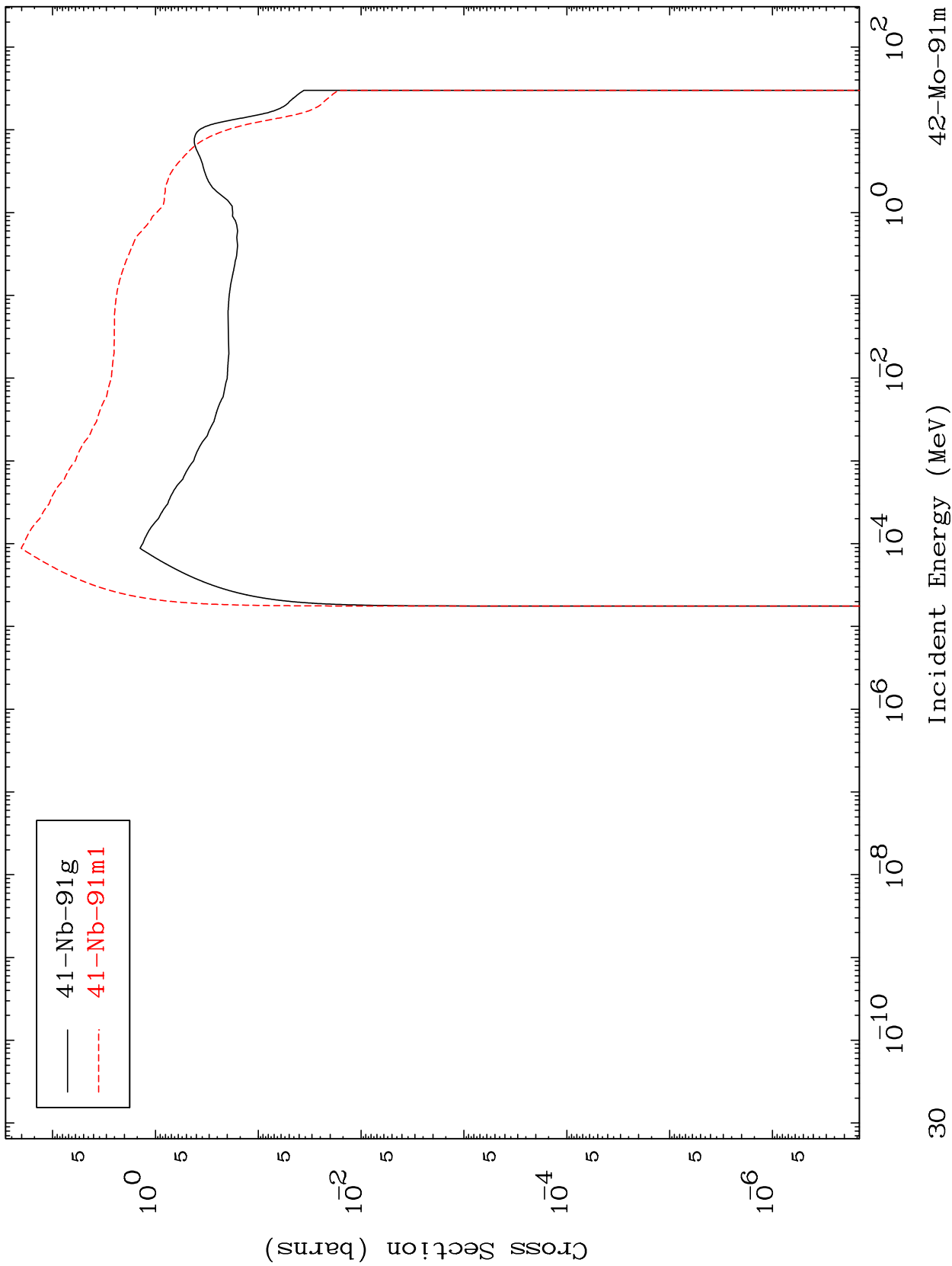
Incident Energy (MeV)

42-Mo-91m

MAT 4223

42-Mo-91m

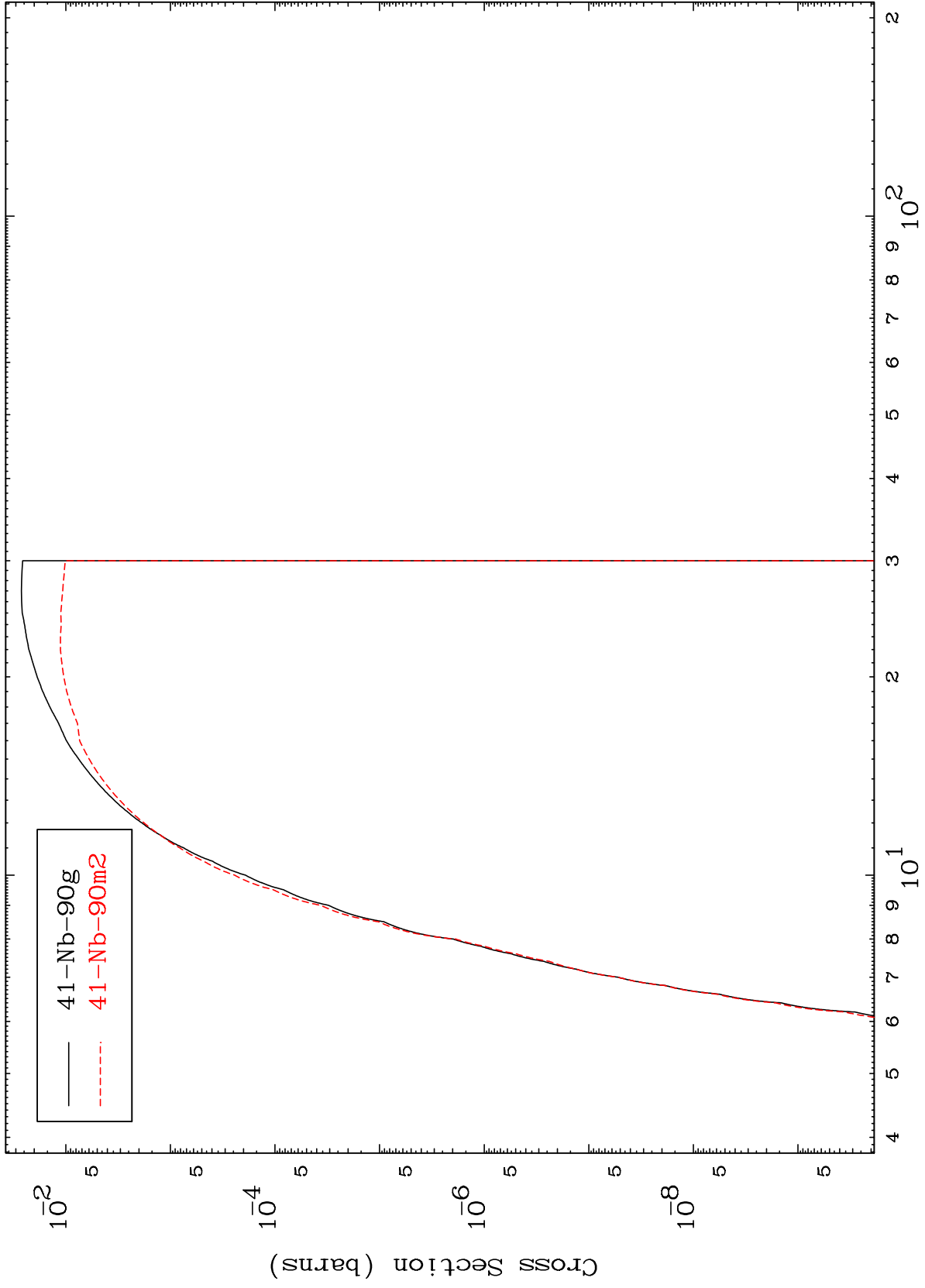
(n,p)
Radionuclide Production Cross Section



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42-Mo-91m

(n,d)
Radionuclide Production Cross Section



31

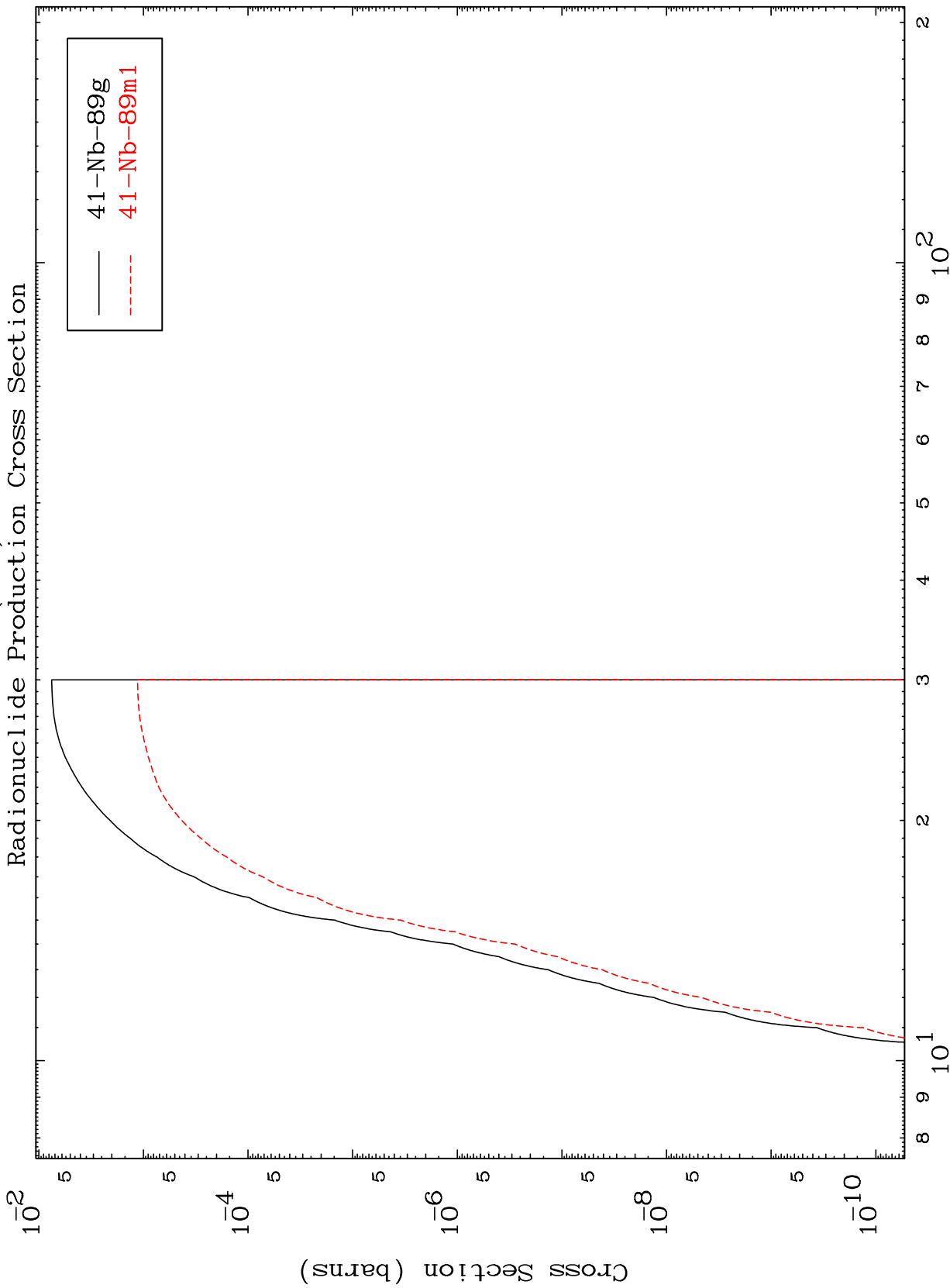
Incident Energy (MeV)

42-Mo-91m

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42-Mo-91m

(n, t)
Radionuclide Production Cross Section



32

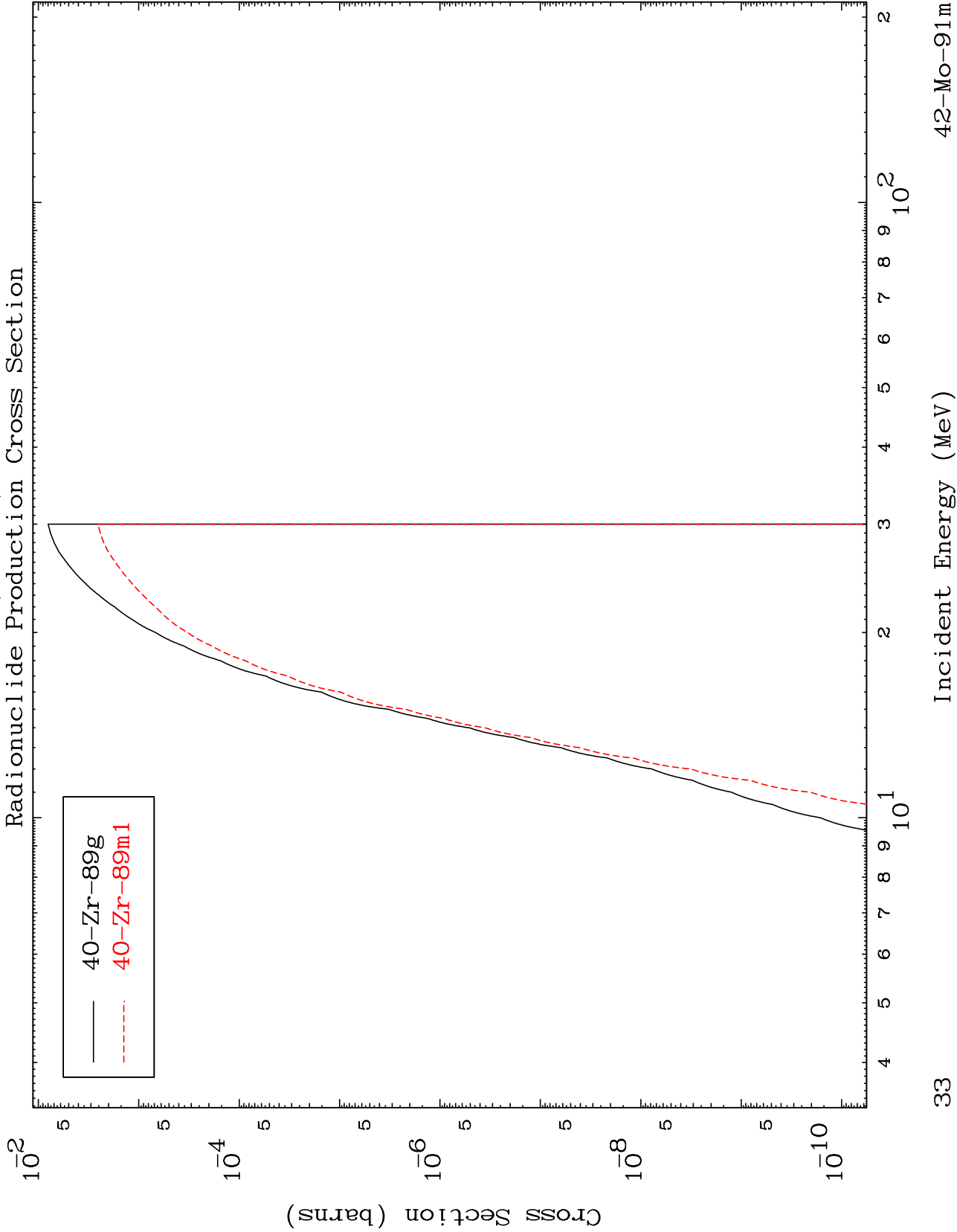
Incident Energy (MeV)

42-Mo-91m

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(n,He-3)

42-Mo-91m

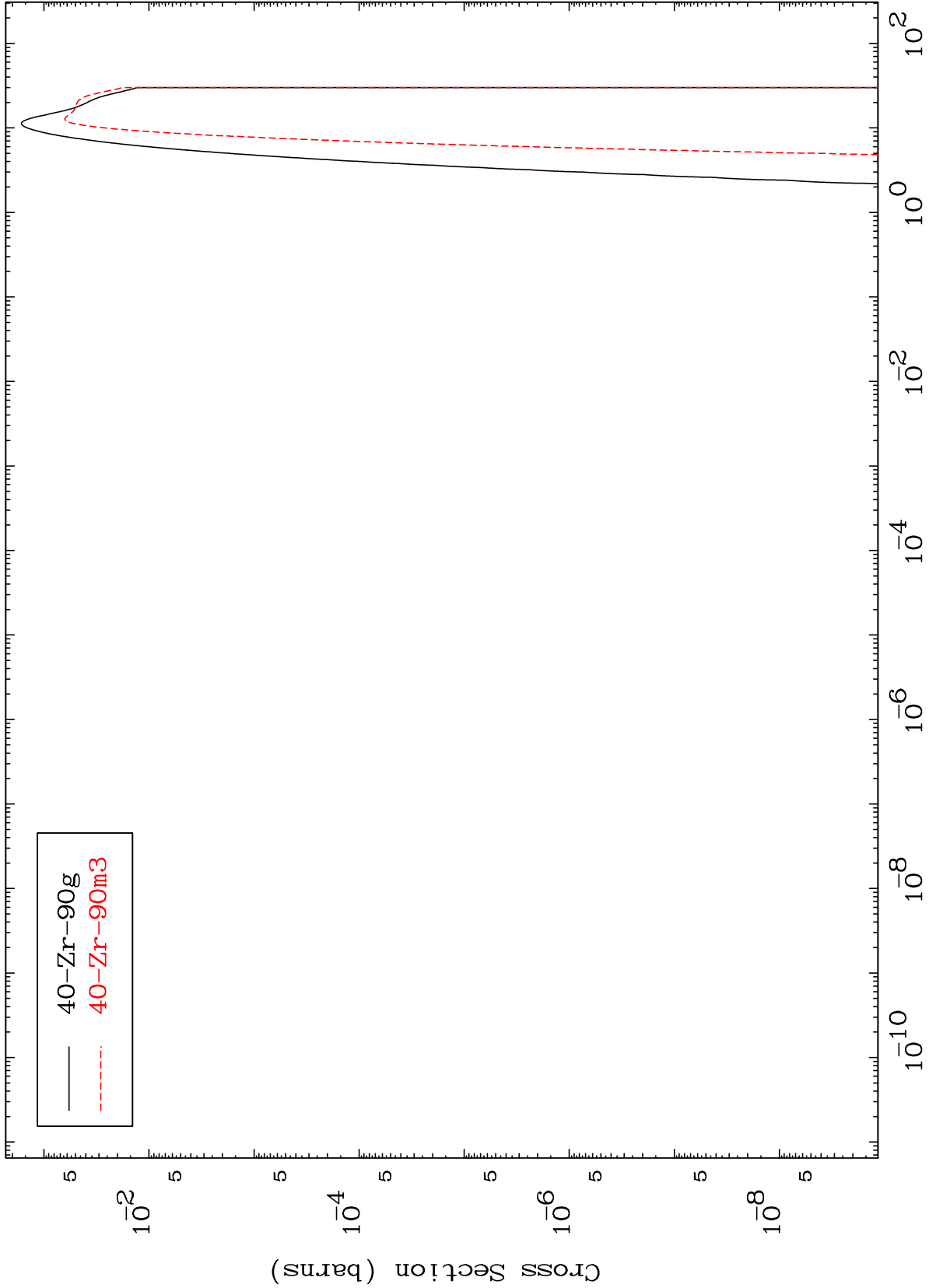


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(n,2p)

42-Mo-91m

Radionuclide Production Cross Section

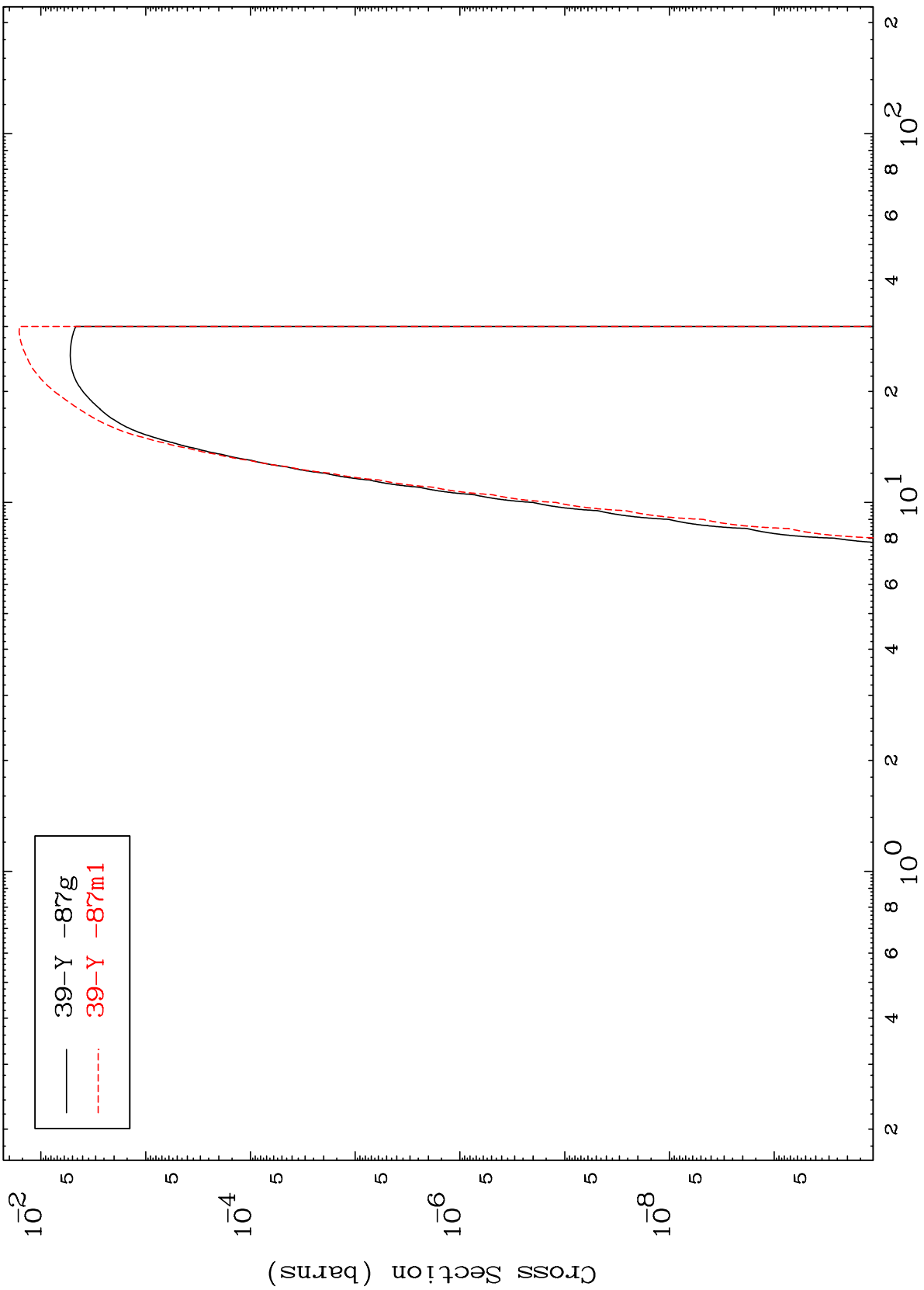


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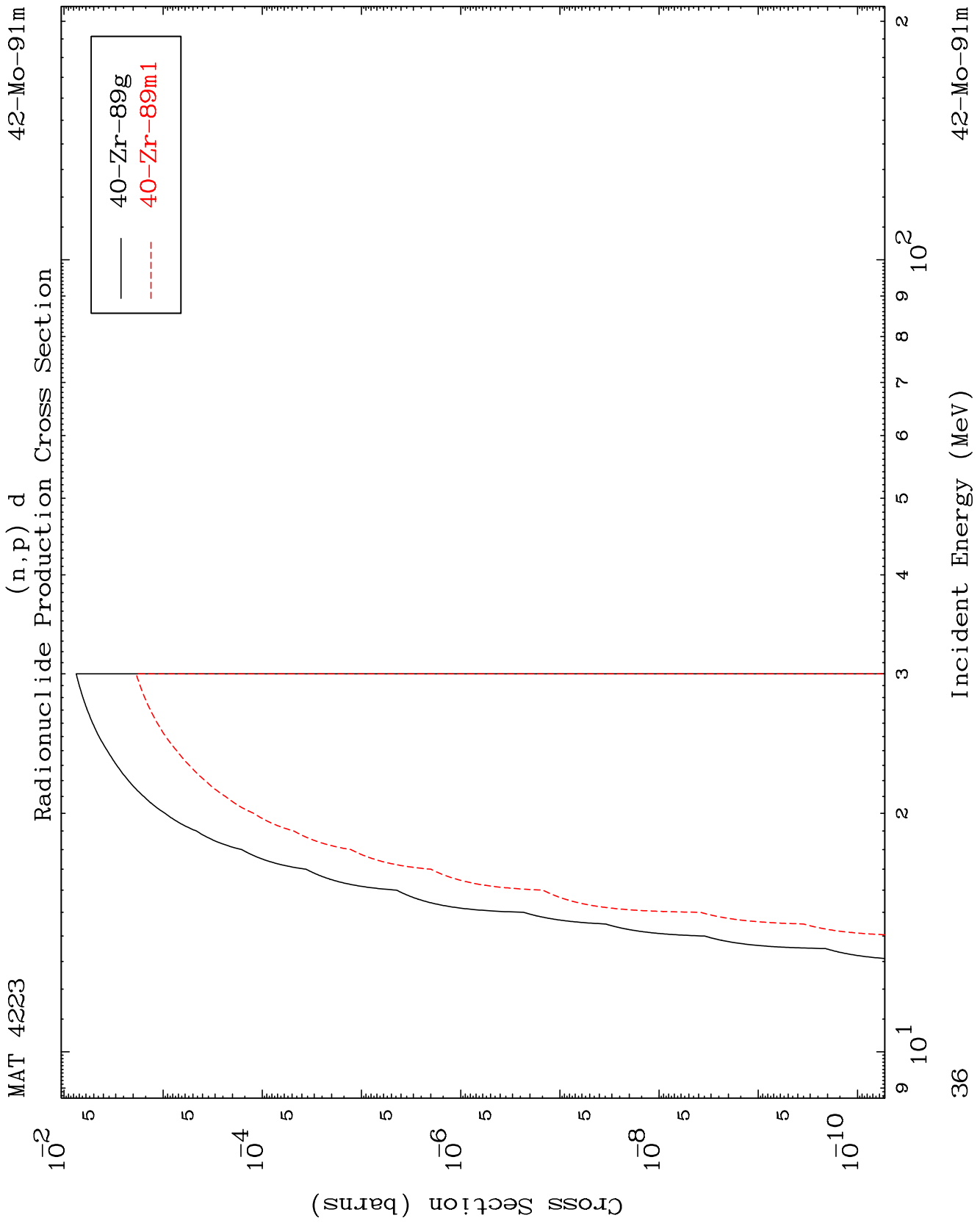
(n,p) α

42-Mo-91m

Radionuclide Production Cross Section



— 39-Y -87g
- - - 39-Y -87m1

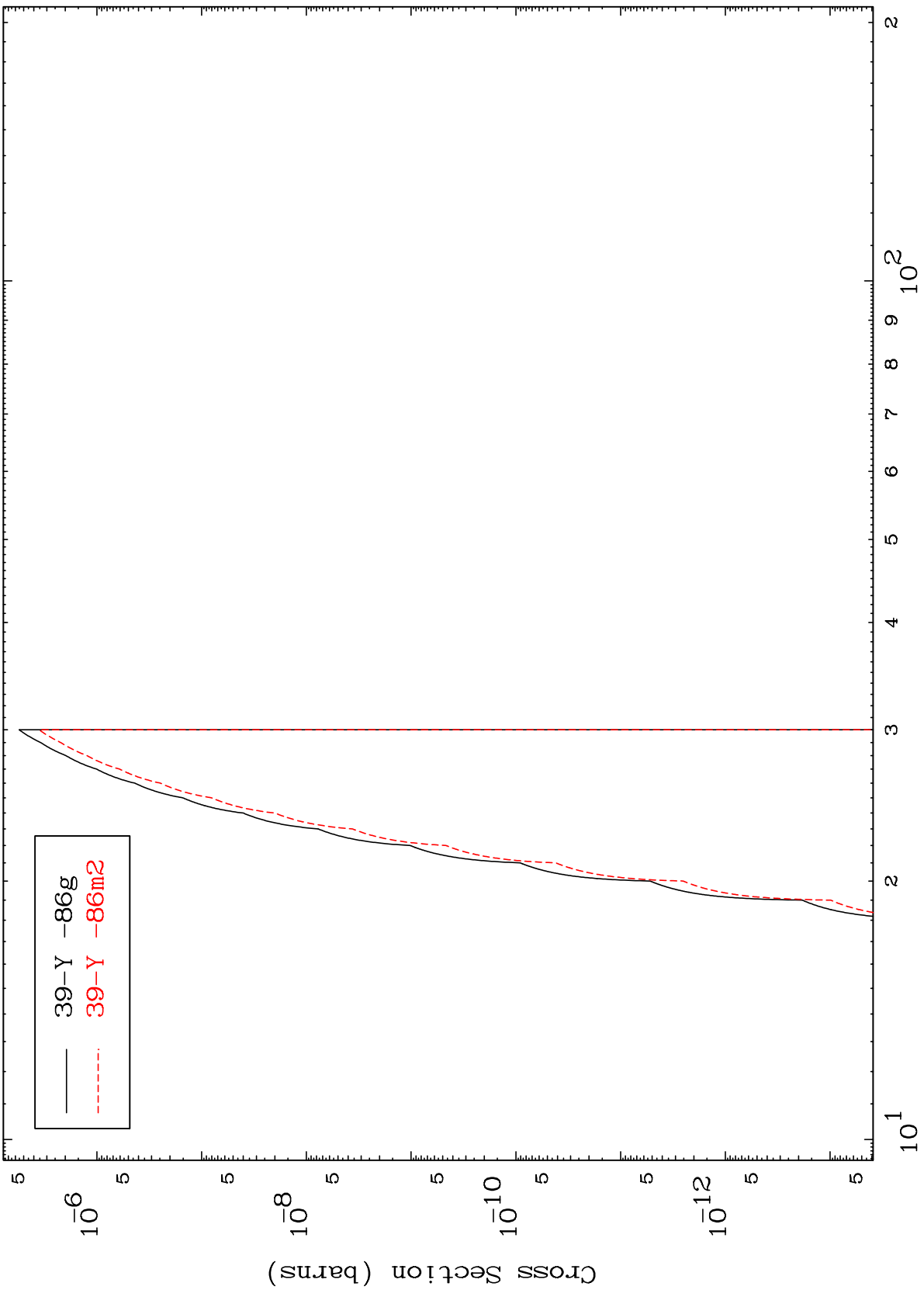


MAT 4223

(n,d) α

42-Mo-91m

Radionuclide Production Cross Section



— 39-Y -86g
- - - 39-Y -86m2

37

Incident Energy (MeV)

42-Mo-91m